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GENERAL NOTES

1. GENERAL

1.1. INFORMATION CONTAINED IN THESE DRAWINGS IS BASED ON LIMITED SITE MEASUREMENTS AND INVESTIGATION AND MAY REQUIRE ADJUSTMENTS AND OR MODIFICATIONS TO CONFORM WITH EXISTING SITE AND FIELD CONDITIONS. CONTRACTOR/SUBCONTRACTORS SHALL CONFIRM ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND SHALL ADVISE OWNER AND ARCHITECT OF ANY DISCREPANCIES BETWEEN DRAWN/NOTED AND ACTUAL CONDITIONS AND/OR PROPOSED ADJUSTMENTS PRIOR TO PROCEEDING WITH WORK.

1.2. THE DRAWINGS SHALL NOT BE SCALED AND ALL CRITICAL DIMENSIONS SHALL BE VERIFIED IN FIELD (VIF) PRIOR TO COMMENCEMENT OF THE WORK.

1.3. ALL DIMENSIONS ARE TO FACE OF FRAMING (FOF) UNLESS OTHERWISE NOTED AS BEING TO FACE OF MASONRY (FOM) OR FINISH (FIN) OR CENTERLINE (CL).

1.4. THE PHRASE 'OR APPROVED EQUAL' SHALL BE AS NOTED IN THE SPECIFICATIONS OR, IF NOT NOTED, SHALL MEAN AS APPROVED BY THE ARCHITECT FOR EQUIVALENCE OR BETTER IN QUALITY, SIZE, CONSTRUCTION, ETC. IN ALL CASES AND CHARACTERISTICS, THE APPROVED EQUAL ITEMS SHALL BE EQUAL TO OR BETTER THAN THE SPECIFIED ITEM. DETERMINATION OF EQUIVALENCE SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT.

1.5. THE PHRASE 'OR SIMILAR' SHALL BE AS NOTED IN THE SPECIFICATIONS OR, IF NOT NOTED, SHALL MEAN AN ITEM OF SIMILAR QUALITY, SIZE, CONSTRUCTION, ETC., AS DEFINED BY COMMONLY ACCEPTED STANDARDS AND PRACTICES OF THE CONSTRUCTION INDUSTRY.

1.6. THE PHRASE 'CONSTRUCTION STANDARD' SHALL BE AS NOTED IN THE SPECIFICATIONS OR, IF NOT NOTED, SHALL MEAN AN ITEM CONSIDERED TO BE STANDARD AND SATISFACTORY FOR ITS INTENDED USE AS DEFINED BY COMMONLY ACCEPTED STANDARDS AND PRACTICES OF THE CONSTRUCTION INDUSTRY.

1.7. THE PHRASE 'CONTRACTOR' OR 'GENERAL CONTRACTOR' OR 'GC' SHALL BE INTERCHANGEABLE AND SHALL BE AS NOTED IN THE SPECIFICATIONS OR, IF NOT NOTED, SHALL MEAN THE ENTITY WHO IS RESPONSIBLE FOR THE OVERALL CONSTRUCTION OF THE PROJECT AND FOR MANAGING THE VARIOUS SUBCONTRACTTORS, VENDORS, FABRICATORS AND OTHER SUPPLIERS

1.8. THE CONTRACTOR, SUBCONTRACTORS AND OTHER FABRICATORS/SUPPLIERS SHALL ASSIST EACH OTHER IN RESOLVING SPACE AND/OR INSTALLATION PROBLEMS AND SHALL MAKE EVERY POSSIBLE EFFORT TO COORDINATE THEIR RESPECTIVE WORK WITH THE WORK OF OTHERS.

1.9. WHEN SPECIFICATIONS ARE PROVIDED IN ADDITION TO THE DRAWINGS, THE DRAWINGS AND SPECIFICATIONS ARE A COMPLETE PACKAGE AND EACH SHALL BE REVIEWED AND FOLLOWED PRIOR TO AND DURING CONSTRUCTION AND PROJECT CLOSE-OUT. THE CONTRACTOR SHALL CONSULT THE ARCHITECT FOR CLARIFICATION REGARDING ANY INCONSISTENCIES ACROSS THE DRAWINGS AND SPECIFICATIONS. IN SOME CASES, SPECIFICATIONS MAY BE INCLUDED ON THE DRAWINGS AND/OR IN A SEPARATE PROJECT MANUAL.

1.10. LIEN RELEASES AND PROGRESS PAYMENTS SHALL BE AS NOTED IN THE SPECIFICATIONS/PROJECT MANUAL OR, IF NOT NOTED OR NO SPECIFICATIONS ARE PROVIDED, SHALL BE AS REQUIRED BY THE CONTRACT BETWEEN OWNER AND CONTRACTOR. THE CONTRACT CONDITIONS SHALL TAKE PRECEDENCE OVER THE CONDITIONS OF THE SPECFICATIONS FOR WORK IN THIS SECTION.

1.11. CHANGE ORDERS SHALL BE AS NOTED IN THE SPECIFICATIONS/PROJECT MANUAL OR, IF NOT NOTED OR NO SPECIFICATIONS ARE PROVIDED, SHALL BE AS REQUIRED BY THE CONTRACT BETWEEN OWNER AND CONTRACTOR. THE CONTRACT CONDITIONS SHALL TAKE PRECEDENCE OVER THE CONDITIONS OF THE SPECFICATIONS FOR WORK IN THIS SECTION.

1.12. IF THERE IS INTERNAL DISAGREEMENT BETWEEN THE DRAWINGS AND/OR THE SPECIFICATIONS, THE FOLLOWING SHALL TAKE PRECEDENCE BUT, IN ALL CASES, THE STRICTER REQUIREMENTS AND STANDARDS SHALL BE FOLLOWED, UNLESS OTHERWISE SPECIFICALLY AND MUTUALLY AGREED BY THE ARCHITECT, CONTRACTOR AND OWNER PRIOR TO INSTALLATION AND EXECUTION OF THE WORK/ITEMS IN QUESTION:

1.12.1. DIMENSIONS OVER GRAPHIC REPRESENTATION
1.12.2. LARGE/DETAIL DRAWINGS OVER SMALLER DRAWINGS
1.12.3. SPECIFICATIONS AND/OR WRITTEN NOTES OVER DRAWINGS

1.13. DRAWINGS AND SPECIFICATIONS AND THE IDEAS, DESIGNS AND ARRANGEMENTS REPRESENTED THEREBY ARE INSTRUMENTS OF SERVICE AND REMAIN, WITHOUT EXCEPTION, THE PROPERTY OF THE ARCHITECT AND THE ARCHITECT RETAINS ALL COPYRIGHT PRIVILEGES AND PROTECTIONS APPLICABLE UNDER LAW, EXCEPT AS SPECIFICALLY NOTED IN THE CONTRACT BETWEEN OWNER AND CONTRACTOR.

2. CODE CITATIONS

2.1. ALL WORK SHALL CONFORM WITH ALL APPLICABLE CODES, REGULATIONS AND STANDARDS, INCLUDING THE APPLICABLE PORTIONS OF THE 2018 VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUSBC), ALSO REFERRED TO AS THE 2018 VCC AND ANY AMENDMENTS ADOPTED BY THE AHJ

2.2. ALL WORK SHALL ALSO CONFORM WITH THE FOLLOWING:

2.2.1. 2018 VIRGINIA FIRE CODE
2.2.2. 2018 VIRGINIA PLUMBING CODE
2.2.3. 2018 VIRGINIA MECHANICAL CODE
2.2.4. 2018 VIRGINIA FUEL GAS CODE
2.2.5. 2018 VIRGINIA ENERGY CODE
2.2.6. 2018 VIRGINIA SWIMMING POOL AND SPA CODE
2.2.7. 2009 VIRGINIA ACCESSIBILITY CODE (ANSI A117.1, 2009)
2.2.8. 2010 ADA STANDARDS
2.2.9. 2017 VIRGINA ELECTRICAL CODE
2.2.10. 2016 VIRGINA FIRE SPRINKLER CODE- NOT APPLICABLE TO THIS PROJECT
2.2.11. 2017 VIRGINIA LP GAS CODE
2.2.12. 2016 VIRGINIA FIRE ALARM CODE
2.2.13. VIRGINIA DEPARTMENT OF HEALTH CODES FOR SWIMMING POOLS AND FOOD SERVICE AREAS

3. PROJECT SPECIFIC NOTES AND SCOPE OF WORK (SOW)

3.1. THE PROJECT SCOPE FOR THE POOL PROJECT IS AS SHOWN AND NOTED ON THE DRAWINGS AND THE SPECIFICATIONS AND GENERALLY INCLUDES:

3.1.1. THE SEASONAL POOL STRUCTURE(S) CONSISTING OF LAP, LEISURE/WATER PLAY/TODDLER AREAS, AND SPLASH PAD
3.1.2. THE BATH-HOUSE INCLUDING LOCKERS, RESTROOMS, AND SHOWER FACILITIES, FOOD SERVICE, MANAGEMENT OFFICE(S), CONTROLLED ENTRY, POOL FILTER AND PUMP ROOM(S)
3.1.3. ASSOCIATED SUPPORT STRUCTURES/WORK INCLUDING PAVILIONS, LANDSCAPING AND SIGNAGE, HARDSCAPE, THE FENCE AND GATES, SITE UTILITIES AND GRADING WITH SWM FACILITIES AND CURB/GUTTER AND SIDEWALK WORK.

3.2. THE COUNTY IS ALSO SOLICITING A SEPARATE BID FOR THE PARKING LOT PROJECT ACROSS COMPETITION DRIVE FROM THIS PROJECT SITE. THE COUNTY WILL BID THE PARKING LOT AND POOL PROJECT SEPARATELY.

3.3. THE SWM WORK SHOWN ON THE CIVIL DRAWINGS IS APPLICABLE TO, REQUIRED FOR AND ASSIGNABLE TO BOTH THE PARKING PROJECT WORK AND THE POOL PROJECT.

3.4. THE POOL PROJECT REQUIRES NEW CONCRETE SIDEWALK ON THE NORTH SIDE OF COMPETITION DRIVE AND WILL ALSO REQUIRE UTILITY WORK ON THE NORTH PORTION OF COMPETITION DRIVE AND OTHER UTILITY WORK IN CLOSE PROXIMITY TO THAT AREA.

3.5. THEREFORE, BECAUSE BOTH PROJECTS ARE IN CLOSE PROXIMITY TO ONE ANOTHER AND THE SWM WORK IS APPLICABLE TO BOTH PROJECTS, THIS SOW NARRATIVE NOTES THE EXTENT AND SCOPE AND SPECIFICALLY THE DEMARCATION LINE BETWEEN FOR THE SOW OF BOTH PROJECTS.

3.6. ALL OF THE SWM WORK SHOWN AND NOTED SHALL BE WITHIN THE SOW OF THE POOL PROJECT AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR/SITE SUBCONTRACTOR FOR THAT PROJECT. AFTER SELECTION OF THE QUALIFIED LOW BIDDER FOR THE POOL PROJECT, THE COUNTY WILL ENTER INTO DISCUSSIONS WITH THAT CONTRACTOR AND WILL AGREE TO A PRO-RATA DOLLAR AMOUNT BASED ON AN AREA OR OTHER AGREED UPON CALCULATION BASIS FOR THE SWM WORK THAT IS THEN ASSIGNABLE TO THE PARKING LOT PROJECT. THE COUNTY WILL THEN MAKE ARRANGEMENTS TO IT'S BUDGETING PROCESS TO ASSIGN THOSE MONIES TO THE POOL PROJECT; THE METHOD OF ASSIGNMENT SHALL BE DETERMINED AT THE SOLE DISCRETION OF THE COUNTY.

3.7. PLEASE REVIEW THE CIVIL AND ANY APPLICABLE ARCHITECTURAL SITE/UTILITY PLANS FOR A GRAPHIC DEMARCATION LINE THAT INDICATES WHERE THE POOL PROJECT SOW ENDS AND THE PARKING LOT PROJECT BEGINS. SPECIFICALLY, THE SIDEWALK TO THE NORTH OF COMPETITION DRIVE AND THE CURB AND GUTTER WORK AND UTILITY WORK SHALL BE ASSIGNABLE TO THE POOL PROJECT AND ALSO ANY WORK IN COMPETITION DRIVE THAT IS NORTH OF A DEMARCATION LINE LOCATED 30" SOUTH OF THE NOTED WATER UTILITY LINE WORK, EXCEPT AS OTHERWISE NOTED BELOW. ANY WORK EXTENDING SOUTH OF THAT DEMARCATION LINE AND INCLUDING FINAL ROAD RE-SURFACING OF THE ENTIRE SURFACE OF COMPETITION DRIVE SHALL BE ASSIGNABLE TO AND THE RESPONSIBILITY OF THE CONTRACTOR FOR THE PARKING LOT PROJECT. HOWEVER, THE POOL PROJECT SHALL BE RESPONSIBLE FOR TEMPORARY BACKFILL, COMPACTION AND REPAIR OF THE TRENCH BUT NOT THE FINAL ROAD RE-SURFACING.

3.8. THE OWNER RESERVES THE RIGHT TO REMOVE THE LANDSCAPE WORK FROM THE PROJECT SCOPE.

3.9. ALSO SEE THE IFB AND OTHER INFORMATION REGARDING THE ADJACENT PARKING LOT WORK

REBID

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REBID NARRATIVE FOR BIDDERS

1. GENERAL SOW
   a. THE POOL HAS BEEN RE-DESIGNED AND DELETIONS/REVISIONS HAVE BEEN MADE TO THE BUILDING TO REDUCE COSTS; SEE #2 AND 3 BELOW.
   b. REVISIONS AND DATES:
      i. THE RELEASE FOR REBID DRAWING SET CONSISTS OF THE FOLLOWING
         1. THE ORIGINAL RELEASE FOR BID SET, DATED 01/03/24
         2. PERMIT REVIEW COMMENT RESPONSES ON CERTAIN SHEETS, DATED 01/29/24
         3. MEP PERMIT REVIEW COMMENT RESPONSES ON CERTAIN SHEETS, DATED 02/19/24
         4. RELEASE FOR REBID REVISIONS ON CERTAIN SHEETS, DATED 03/29/24
      ii. NOTE THAT NOT ALL SHEETS HAVE BEEN REVISED OR UPDATED.
      iii. THE PROJECT MANUAL HAS ALSO BEEN REVISED WITH SOME SPEC SECTIONS DELETED, SOME MODIFIED AND NEW SECTIONS ADDED.
      iv. ALSO SEE THE ARCH TOC SHEET FOR SIMILAR INFORMATION.
   c. REBID REVISION PROTOCOLS:
      i. THE DRAWINGS HAVE BEEN CLOUDED WHERE REVISIONS FOR REBID WERE MADE.
      ii. SPECIFICATIONS IN THE PROJECT MANUAL HAVE BEEN DELETED WITH ~~STRIKE-THRU~~ AND REVISIONS MADE IN *ITALICS.* NEW SPECIFICATION SECTIONS ARE DATED 03/29/24. DELETED SPECIFICATION SECTIONS ARE ALSO DATED 03/29/24. REVISED SPECIFICATION SECTIONS SHOW THE ORIGINAL 01/03/24 BID DATE AND THE NEW 03/29/24 REBID DATE.
      iii. SHEETS WITHIN THE DRAWING SET THAT HAVE TEXT-BASED SCHEDULES ALSO SHOW THE REBID REVISIONS IN A SIMILAR MANNER. IN ORDER TO ALIGN GRAPHICS WITH CHANGES IN THE TEXT-DRIVEN PROJECT MANUAL, REVISIONS ON TEXT WITHIN THE DRAWINGS ARE SHOWN IN STRIKE-THRU AND NEW TEXT IS SHOWN IN ITALICS. INDIVIDUAL TEXT REVISIONS ARE NOT CLOUDED.
   d. PREVIOUSLY, THE PROJECT WAS BID AS ONE PROJECT WITH THE POOL AND THE BUILDING AND GROUNDS BID TOGETHER. FOR THIS REBID, THE COUNTY HAS REQUESTED THAT THE WORK OF THE PROJECT BE SPLIT INTO TWO IFBs, ONE FOR THE POOL AND ONE FOR THE BUILDING AND GROUNDS AS NOTED BELOW. THE DRAWINGS HAVE NOT BEEN SEPARATED INTO TWO SEPARATE SETS. POOL BIDDERS SHOULD LOOK AT THE AP SERIES OF DRAWINGS AND THE ASSOCIATED POOL SPECIFICATION SECTIONS FOR INFORMATION ABOUT THE POOL CONSTRUCTION. BIDDERS FOR THE BUILDING AND GROUNDS SHOULD REVIEW THE BALANCE OF THE SET INCLUDING THE A SERIES DRAWINGS AND THE S, MEP AND C SERIES DRAWINGS
   e. ONE IFB WILL BE FOR THE POOL WORK EXCLUSIVELY, INCLUDING THE POOL ITSELF, THE PIPING, EQUIPMENT AND THE ASSOCIATED CONNECTIONS TO BE PROVIDED BY THE POOL SUBCONTRACTOR.
      i. IT IS ASSUMED THAT THE POOL CONTRACTOR WILL PROVIDE EXCAVATION FOR THE LEISURE/LAP POOL AND SPLASHPAD. THE EXCAVATION EXCESS MATERIALS SHALL BE NOTED BY QUANTITY AND AS A UNIT PRICE PER THE IFB AND SHALL ASSUME REMOVAL, TRANSPORTATION TO AND DISTRIBUTION AT AN APPROVED SITE.
      ii. THE AE TEAM ESTIMATES THAT THERE WILL BE AN APPROXIMATE TOTAL OF 415 CY OF EXCESS MATERIALS COMBINED FOR **BOTH** THE POOL AND BUILDING WORK. THIS IS NOT A GUARANTEE OF QUANTITIES AND IT IS THE BIDDERS RESPONSIBILITY TO PROVIDE THEIR OWN QUANTITY AMOUNT.
   f. THE OTHER IFB WILL BE FOR THE BUILDING AND GROUNDS AND WILL INCLUDE THE FOLLOWING:
      i. THE BUILDING
      ii. EXCAVATION FOR THE BUILDING FOUNDATION, PAVILION FOUNDATIONS AND GRUBBING/EXCAVATION FOR THE HARDSCAPE AND ASSOCIATED CONSTRUCTION. DISTRIBUTION AND/OR REMOVAL OF THE EXCAVATION EXCESS MATERIALS SHALL BE NOTED BY QUANTITY AND AS A UNIT PRICE PER THE IFB AND SHALL ASSUME REMOVAL, TRANSPORTATION TO AND DISTRIBUTION AT AN APPROVED SITE.
      iii. THE AE TEAM ESTIMATES THAT THERE WILL BE AN APPROXIMATE TOTAL OF 415 CY OF EXCESS MATERIALS COMBINED FOR **BOTH** THE POOL AND BUILDING WORK. THIS IS NOT A GUARANTEE OF QUANTITIES AND IT IS THE BIDDERS RESPONSIBILITY TO PROVIDE THEIR OWN QUANTITY AMOUNT.
      iv. MINOR AMOUNTS OF EXCESS MATERIALS MAY BE DISTRIBUTED ON SITE, SUBJECT TO THE CIVIL ENGINEER'S AND COUNTY'S APPROVAL AND SUBJECT TO MATERIAL QUALITY/COMPATIBILITY AND TO MAINTAINING EXISTING GRADE POINTS.
      v.
      vi. HARDSCAPE FROM THE EDGE OF THE POOL OUTWARD AND OTHER ASSOCIATED SITE HARDSCAPE. THIS INCLUDES BOTH THE POOL AND THE SPLASH PAD AREA. THE SPLASH PAD SHALL BE PROVIDED AS NOTED BELOW.
      vii. SITE UTILITIES FOR THE BUILDING
      viii. STORMWATER FACILITY/DRY POND; NOTE THAT THIS WORK ALSO APPLIES TO THE PARKING LOT ACROSS COMPETITION DRIVE, WHICH IS A SEPARATE PROJECT AND IFB. PER THE SPECIFICATIONS, THE COUNTY WILL DISCUSS THIS WORK WITH THE AWARDED CONTRACTOR(S) AND ALLOCATE A PORTION OF THAT STORMWATER COST TO EACH PROJECT.
      ix. THE SITE FENCING
      x. ELECTRICAL ROUGH-INS AND PLUMBING ROUGH-INS FOR THE POOL EQUIPMENT AS NOTED ON THE MEP DRAWINGS. FINAL CONNECTIONS TO THESE ROUGH-INS SHALL BE THE RESPONSIBILITY OF THE POOL CONTRACTOR, U.O.N. ALL LINE AND HIGH VOLTAGE WIRING SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR WITH ALL FINAL CONNECTION BY THE ELECTRICAL CONTRACTOR WITH SUPERVISION FURNISHED BY THE POOL CONTRACTOR. THE PLUMBING CONNECTION TO THE DOMESTIC WATER LINE SHALL BE BY THE POOL CONTRACTOR. THE PLUMBING SUBCONTRACTOR SHALL BRING THE DOMESTIC WATER TO THE POOL FILL MANIFOLD AND THE POOL CONTRACTOR SHALL CONNECT TO THE DOMESTIC WATER LINE AT THAT POINT. ALL OF THE FLOOR DRAINS AND SUMPS SHALL BE BY THE PLUMBING CONTRACTOR AND THIS CONTRACTOR.
      xi. POOL PIPING PENETRATIONS INTO THE FILTER ROOM PITS SHALL BE PROVIDED AS SLEEVES IN THE WALL BY THIS CONTRACTOR. PIPING PENETRATIONS SHALL BE BY POOL SUBCONTRACTOR AND INSTALLED PENETRATION SHALL BE SEALED BY THIS CONTRACTOR.
      xii. SPLASH PAD CONCRETE SLAB SHALL BE BY THIS CONTRACTOR WITH OVERSIGHT BY THE POOL CONTRACTOR, UNLESS OTHERWISE AGREED.
   g. EXCLUSIONS
      i. AS WITH THE PREVIOUS BID, THE COUNTY WILL PROVIDE THE LANDSCAPING UNDER SEPARATE CONTRACT WITH AN ENTITY OF THEIR CHOOSING SO THIS WORK IS NIC. BUILDING CONTRACTTOR SHALL PROVIDE ALL BASIC SITE GRADING TO ELEVATIONS SHOWN AND SHALL LEAVE SITE CLEAN AND ORDERLY FOR SUCCESSOR LANDSCAPE WORK BY OTHERS.
      ii. THE COUNTY WILL PROVIDE THE POOL SAFETY EQUIPMENT SEPARATELY SO THIS EQUIPMENT, NOTED IN THE POOL SAFETY EQUIPMENT SCHEDULE, IS NIC. ANY INSTALLATION OF THESE ITEMS THAT REQUIRES CONSTRUCTION, AS OPPOSED TO SIMPLY ATTACHING ITEMS TO PRE-EXISTING ANCHORS, ETC. SHALL BE INCLUDED.
      iii. MOST ADD ALTERNATES HAVE BEEN DELETED FROM THE REBID PROCESS.
      iv. THE POOL HEATER AND ASSOCIATED COMPONENTS AND CONNECTIONS <u>IS NOT A PART OF THIS REBID PROCESS</u> BUT HAS BEEN LEFT ON THE DRAWINGS FOR INFORMATION IN CASE THE COUNTY CHOOSES TO ADD THAT WORK TO THE PROJECT AT A LATER DATE.
   h. THE POOL SUBCONTRACTOR AND BUILDING SUBCONTRACTOR SHALL COORDINATE THE WORK WITHIN THEIR IFB SCOPE. THIS WILL REQUIRE PRE-CON MEETINGS PERIODICALLY TO CONFIRM RESPONSIBILITIES AND COORDINATION. THE COUNTY AND THE AE TEAM MAY ASSIST WITH THIS.
   i. IT IS THE INTENTION OF THESE IFBs TO CALL FOR TWO SEPARATE PRICES FOR THE ABOVE NOTED WORK. HOWEVER, THE POOL CONTRACTOR AND/OR THE GENERAL CONTRACTOR MAY ACT AS THE 'PRIME' CONTRACTOR BUT THE PRICES FOR THE TWO SOWs MUST BE PROVIDED SEPARATELY.
   j. THE STRUCTURAL DRAWINGS REFERENCE THE AP DRAWINGS FOR THE POOL CONSTRUCTION; THE STRUCTURAL DRAWINGS HAVE NOT BEEN UPDATED. PLEASE FOLLOW THE AP DRAWINGS FOR THE POOL SHELL CONSTRUCTION.
   k. BID SUBSTITUTIONS
      i. IT IS THE INTENTION OF THE SPECIFICATIONS TO PROVIDE A STANDARD OF QUALITY AND PERFORMANCE THAT IS SATISFACTORY FOR THE PROJECT AND FOR THE COUNTY. THE BASIS OF DESIGN (BOD) IS NOTED ON THE DRAWINGS AND IN THE SPECIFICATIONS BUT THIS BOD IS NOT INTENDED TO LIMIT THE POSSIBILITY OF OTHER SUBSTITUTIONS,

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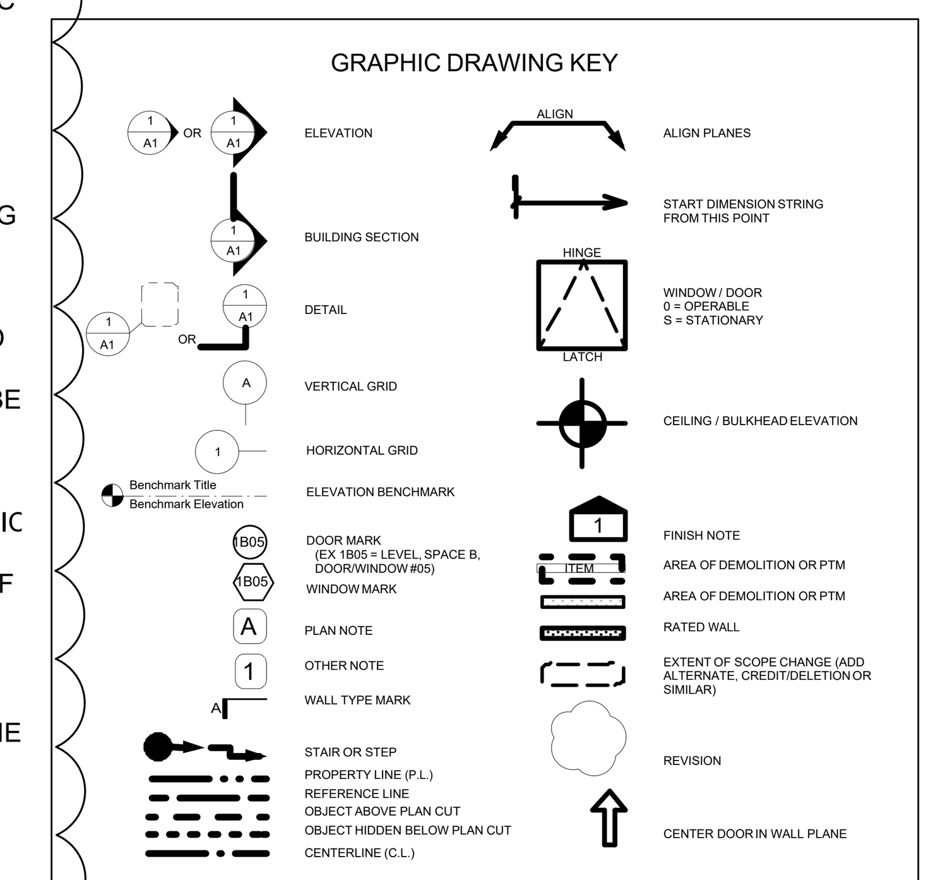
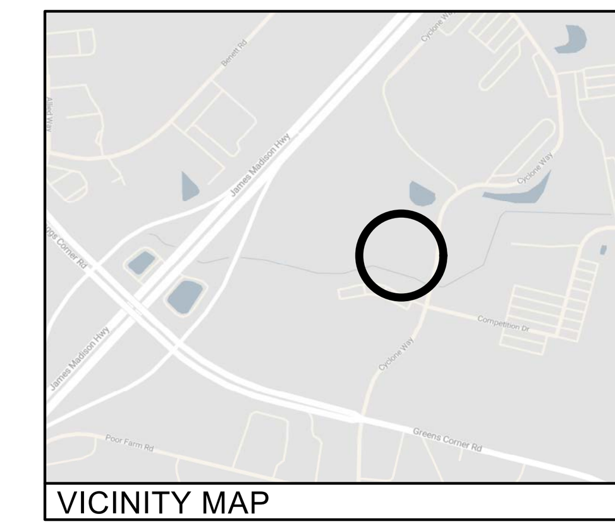
CONTINGENT ON MEETING THE REQUIREMENTS AND STANDARDS NOTED BELOW. IN ADDITION, OTHER APPROVED MANUFACTURERS HAVE BEEN NOTED AND LISTED TO ASSIST BIDDERS IN SOURCING COMPONENTS.
      ii. ANY BID SUBSTITUTIONS PROPOSED BY BIDDERS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
         1. THE PROPOSED SUBSTITUTION SHALL BE EQUAL TO OR BETTER IN EVERY RESPECT THAN THE SPECIFIED COMPONENT. IF IT IS NOT OF SUCH QUALITY AND PERFORMANCE, THE SUBSTITUTION SHALL NOT BE CONSIDERED UNLESS, AT THE SOLE DISCRETION OF THE COUNTY AND THE AE, THE COUNTY ELECTS TO WAIVE THESE QUALITY AND PERFORMANCE STANDARDS.
            a. ANY SUCH SUBSTITUTION SHALL CLEARLY NOTE ALL AREAS IN WHICH THE QUALITY AND PERFORMANCE DO NOT MEET THE LEVELS OF THE BOD.
         2. ANY PROPOSED SUBSTITUTION SHALL INCLUDE ALL THE NECESSARY SUPPORTING DOCUMENTATION TO PROVE COMPLIANCE WITH THE LEVELS OF THE BOD. THE BIDDER SHOULD ENSURE THAT THE INFORMATION PROVIDED IS SUFFICIENT. THE AE WILL NOT BE RESPONSIBLE FOR RESEARCHING ANY INFORMATION OR DATA NEEDED TO PROVE COMPLIANCE WITH THE LEVELS OF THE BOD. ANY PROPOSED SUBSTITUTION THAT DOES NOT INCLUDE SUFFICIENT INFORMATION TO PROVE COMPLIANCE WILL, AT THE SOLE DISCRETION OF THE COUNTY AND THE AE, NOT BE REVIEWED OR CONSIDERED.
         3. CONSIDERATION OF A SUBSTITUTION SHALL NOT BE DEEMED A GUARANTEE OF ACCEPTANCE OF THAT SUBSTITUTION. ANY PROPOSED SUBSTITUTIONS WILL BE REVIEWED EXPEDITIOUSLY BUT NO GUARANTEE IS MADE IN REGARD TO A SPECIFIC TIME-FRAME OR RESPONSE FOR REVIEWING SAID SUBSTITUTION.
         4. APPROVAL OF A PROPOSED SUBSTITUTION SHALL BE AT THE SOLE DISCRETION OF THE COUNTY AND THE AE.

2. POOL REVISIONS
   a. THE POOL HAS BEEN REVISED TO A GUNNITE-TYPE POOL WITH SKIMMERS TO REDUCE COST. THE MYRTHA POOL OPTION HAS BEEN ELIMINATED AT THE COUNTY'S REQUEST.
   b. POOL REVISIONS INCLUDE:
      i. GUNNITE SHELL
      ii. USE OF INDIVIDUAL SKIMMERS INSTEAD OF CONTINUOUS GUTTER
      iii. SIMPLIFICATION OF THE POOL SECTION TO MAKE THE SHALLOW-TO-DEEP PROFILE A MONO-SLOPE
      iv. SIMPLIFICATION OF THE POOL PLAN TO ELIMINATE SOME OF THE PROJECTIONS AT THE JUNCTURE OF THE BEACH AREA AND THE LAP AREA
      v. REBAR REINFORCEMENT HAS BEEN CHANGED TO #4 BAR WHEREVER POSSIBLE TO ALLOW FIELD BENDING
      vi. FILTER ROOM PITS HAVE BEEN REVISED
   c. POOL SAFETY EQUIPMENT NOTED IN THE SCHEDULE ON SHEET AP102 SHALL BE PROVIDED BY THE COUNTY WITH INSTALLATION, AS NEEDED, BY THE POOL SUBCONTRACTOR.

3. BUILDING REVISIONS
   a. DELETE THE CONCESSION KITCHEN GRIDDLE, WIRING AND CIRCUIT FOR SAME, HOOD, FIRE SUPPRESSION SYSTEM, EXHAUST DUCTWORK, UPDRAFT FAN AND ROOF PENETRATION.
   b. DELETE THE MUA UNIT AND ALL ASSOCIATED DUCTWORK AND REGISTERS FOR THE CONCESSION KITCHEN.
   c. DELETE ALL OF THE BRADLEY TERREON LOCKER ROOM LAVATORIES AND FAUCETS AND SUBSTITUTE THE REVISED LAVATORIES, FAUCETS AND SOAP DISPENSORS. NOTE THAT THE FAMILY LOCKER ROOMS WILL HAVE ONLY A LAVATORY AND NO ADDITIONAL COUNTERTOP.
   d. DELETE ALL OF THE WALL TILE IN THE LOCKER ROOMS AND FAMILY LOCKER ROOMS
      i. ADD STAINLESS STEEL WALL CORNER PROTECTORS TO OUTSIDE GPDW CORNERS
      ii. CHANGE SUBSTRATE AT FORMER TILE LOCATIONS TO SPECIFED GPDW-3 FROM JH HARDIBACKER EXCEPT AT COVE BASE
      iii. WALL FINISH SHALL BE SPECIFIED EPOXY PAINT FINISH THROUGHOUT
   e. DELETE THE WALL AND CEILING TILE IN ALL OF THE LOCKER ROOM SHOWERS AND SUBSTITUTE THE SPECIFIED FRP PANELS OVER THE PREVIOUSLY SPECIFIED JH HARDIBACKER.
   f. DELETE 6 OF THE 14 LOCKERS ORIGINALLY SPECIFIED.
   g. DELETE SOME OF THE INTERIOR HARDITRIM IN THE ENTRY SPACE; SEE THE DRAWINGS.
   h. CHANGE THE EPOXY FLOORING AND INTEGRAL COVE BASE IN THE GENDERED AND FAMILY LOCKER ROOMS TO THE LESS EXPENSIVE, SOLID-COLOR VFERSION SPECIFIED.
   i. DELETE THE EPOXY FLOORING AND COVE BASE FROM THE FOLLOWING AREAS AND SUBSTITUTE WITH SPECIFIED 2-COAT URETHANE CLEAR SEALER WITH SLIP-RESISTANT ADDITIVE AND VCB OVER HARD-TROWELED SLAB:
      i. ALL OFFICES
      ii. STAFF BATH
      iii. CLASSROOM
      iv. CONCESSION KITCHEN
      v. CONCESSION STORAGE
      vi. FILTER ROOM
      vii. STORAGE AND IT SPACES PREVIOUSLY SCHEDULED TO RECEIVE FLOOR PAINT FINISH PCF-1 AND VCB SHALL HAVE THE SAME FINISH OR THE CLEAR FINISH SCF-3; CONTRACTOR'S OPTION.
   j. DELETE THE STANDING SEAM ROOF ON THE ENTRY; ALL ROOFS SHALL BE THE SPECIFIED SHINGLES. ADD ALTERNATES FOR STANDING SEAM ROOF AND SNOWGUARDS ARE DELETED.
   k. THE HARDSCAPE DECK AROUND THE POOL HAS BEEN REDUCED; SEE THE SITE PLAN/PLANS.
   l. THE FILTER ROOM PIT PLAN LAYOUT HAS BEEN REVISED SLIGHTLY TO ACCOMMODATE THE CHANGE TO SKIMMERS. THE STRUCTURAL DRAWINGS REGARDING REBAR AND WALL THICKNESSES HAVE NOT CHANGED AND THE STRUCTURAL PLAN HAS NOT BEEN UPDATED. PLEASE FOLLOW THE STRUCTURAL PLAN FOR WALL THICKNESS AND REINFORCING AND THE AP DRAWINGS FOR THE LOCATIONS AND DIMENSIONS OF THE PITS.





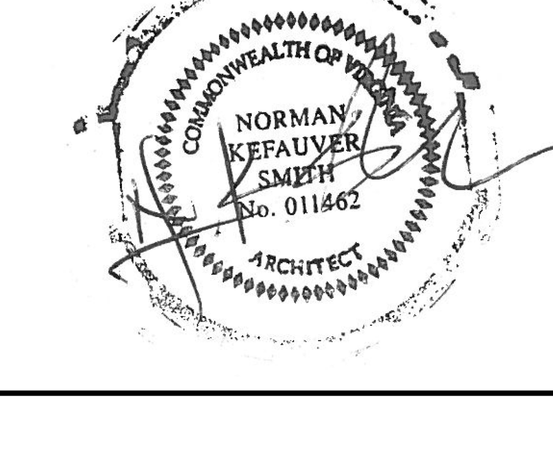
VICINITY MAP

ABBREVIATIONS LIST

ABV.	ABOVE
A.F.F.	ABOVE FINISHED FLOOR
A.V.S.B.	ACOUSTIC VINYL SOUND BARRIER
A.C.T.	ACOUSTICAL CEILING TILE
ADJ.	ADJUSTABLE
AB	AIR BARRIER
ALT.	ALTERNATE
ALUM.	ALUMINUM
AB	ANCHOR BOLT
APPRV/APPR	APPROVED
APPRVD	APPROVED
APPROX	APPROXIMATE
ARCH.	ARCHITECTURAL
@	AT
BR	BACKER ROD
BSMNT	BASEMENT
BD	BEAD
B.F.F.	BELOW FINISHED FLOOR
BV	BIRCH VENEER
BLK/BLKG	BLOCK BLOCKING
BRD.	BOARD
BO	BOLT
BOT.	BOTTOM
B.O.	BOTTOM OF
BLDG.	BUILDING
BLKHD	BULKHEAD
BT	BUTT-TYPE
CLG.	CEILING
C.T.	CERAMIC TILE
CLR	CLEAR
CLOS.	CLOSET
CT	COLLAR TIE
COLN	COLUMN
CONC.	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONST.	CONSTRUCTION
CONT	CONTINUOUS
CRS	COURSE(S)
DETL.	DETAIL
DIM	DIMENSION
DISCH	DISCHARGE
DBL	DOUBLE
DS	DOWNSPOUT
DT	DRAIN TILE
DWG	DRAWING
EA	EACH
ELEC.	ELECTRICAL
E.C.	ELECTRICAL CONTRACTOR
EQ	EQUAL
(E)	EXISTING
EXP	EXPANSION
EXP BO/EB	EXPANSION BOLT
EXT	EXTERIOR
FOF	FACE OF FRAMING
FOM	FACE OF MASONRY
FG	FIBERGLASS
FJ	FINGER JOINT
FIN	FINISH
FF	FINISH FLOOR
FRTW	FIRE RETARDANT TREATED WOOD
FLR	FLOOR
FTG	FOOTING
FOUND	FOUNDATION
FL	FULL LIGHT
GRAIL	GUARDRAIL
GC	GYPSUM CORE
GPDW	GYPSUM DRYWALL
HD	HEAD
H/S/J	HEAD/SILL/JAMB
H/S/J	HEAD/SILL/JAMB
HDR	HEADER

HT	HEIGHT
HC	HOLLOW CORE
HM	HOLLOW METAL
HR	HOUR
INSUL	INSULATE/INSULATION
INT	INTERIOR
JNT	JOINT
JST	JOIST
KD	KNOCKDOWN
KFGB	KRAFT-FACED FIBERGLASS BATTS
LS	LAG SCREW
MAX.	MAXIMUM
MECH.	MECHANICAL
MB	MEMBRANE
MTL.	METAL
MIN.	MINIMUM
MR	MOISTURE RESISTANT
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
O.C.	ON CENTER
OSB	ORIENTED STRAND BRD
PT'D	PAINTED
PSF	PER SQUARE FOOT
PSI	PER SQUARE INCH
PERIM.	PERIMETER
PL	PLATE
PLUMB.	PLUMBING
P.C.	PLUMBING CONTRACTOR
PLYW	PLYWOOD
POLY	POLYETHELYNE
PSF/PSI	POUNDS PER SF/SQ IN
P.T.	PRESSURE TREATED
RWC	RAIN WATER CONDUCTOR
RWL	RAIN WATER LEADER
REINF.	REINFORCED
REQ.	REQUIRED
RESP.	RESPONSIBLE
RET.	RETURN
RM	ROOM
R.O.	ROUGH OPENING
SCHED	SCHEDULE
SCHED.	SCHEDULE
S.F.	SQUARE FEET
SS	STAINLESS STEEL
STD.	STANDARD
S.S.R	STANDING SEAM ROOF
STL.	STEEL
STOR.	STORAGE
STRUCT	STRUCTURAL
TEMP.	TEMPORARY
THOLD	THRESHOLD
TBD	TO BE DECIDED
TBS	TO BE SELECTED
T&G	TONGUE & GROOVE
T.O.	TOP OF
T.O.R	TOP OF ROOF
TYP.	TYPICAL
U.G.	UNDERGROUND
UFGB	UNFACED FIBERGLASS BATTS
U.N.O.	UNLESS NOTED OTHERWISE
U.O.N	UNLESS OTHERWISE NOTED
VB	VAPOR BARRIER
VERT.	VERTICAL
V.C.T.	VINYL COMPOSITE TILE
VWC	VINYL WALLCOVERING
WP	WATERPROOFING
WRB	WEATHER RESISTANT BARRIER
W.W.F.	WELDED WIRE FABRIC
W/	WITH
W/O	WITHOUT
WD.	WOOD

Culpeper County Community Pool Project
16388 Competition Drive, Culpeper, VA



No.	Date	Revision Notes	Zone	Appr
	3/29/2024	REBID REVISIONS CLOUDED		

No.	Date	Issue Notes
	1/3/2024	RELEASE FOR BID
2	12/7/2023	PERMIT SUBMISSION
1	10/19/2023	client review

Date: 12/6/2023
Revision: Revision
Project ID: 23703;culpeper
Drawing Code: Drawing Code
CAD File Name:
Plot Date: 00/00/00
Designed By:
Drawn By:
Checked By:
Reviewed By:
Submitted By:
Project Manager:

Design Firm
NORMAN SMITH ARCHITECTURE
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Consultant

Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
COVER SHEET

Scale

Sheet No.
A000
of

SHEET #	DESCRIPTION	REVISION/ADDENDUM+DATE: Permit subm 120723	Release for Bid 010324	Plan Rvw Comment Response 012924	M&P Permit Rvw Comment Response 021924	Release for Rebid 032924
	ARCHITECTURAL					
A000	COVER SHEET	X	X			X
A001	TABLE OF CONTENTS	X	X		X	X*
A103	BUILDING CODE ANALYSIS	X	X	X		X
A104	GRAPHIC PLAN DIAGRAMS	X	X			X
A200	ARCH EXISTING SITE PLAN	X	X			X
A201	ARCH NEW SITE PLAN	X	X			X*
A202	ARCH ENLARGED NEW SITE PLAN	X	X			X*
A300	ARCH FLOOR PLAN - SLAB	X	X			X*
A301	ARCH NEW FLR PLAN-GROUND LEVEL	X	X			X*
A302	ARCH NEW FLR PLAN-MID AND UPPER WALL LEVELS	X	X			X*
A310	ARCH ROOF PLAN	X	X		X	X*
A400	REFLECTED CEILING PLAN	X	X			X*
A500	EXTERIOR ELEVATIONS	X	X			X*
A501	EXTERIOR ELEVATIONS	X	X		X	X*
A600	BUILDING SECTIONS	X	X			X*
A601	BUILDING SECTIONS	X	X			X*
A602	BUILDING SECTIONS	X	X			X*
A603	PAVILION PLANS AND SECTION	X	X			X*
A710	DETAILS	X	X			X*
A711	DETAILS	X	X			X*
A712	DETAILS	X	X			X*
A713	DETAILS	X	X			X*
A714	DETAILS	X	X			X*
A715	DETAILS	X	X		X	X
A716	DETAILS	X	X			X*
A741	ACOUSTICAL DETAILS	X	X			X
A742	AIR BARRIER NOTES	X	X			X
A752	TYPICAL DETAILS	X	X			X
A760	TYPICAL DETAILS	X	X			X
A770	ACCESSIBILITY DETAILS	X	X			X
A771	ACCESSIBILITY DETAILS	X	X			X
A772	ACCESSIBILITY DETAILS	X	X			X
A800	INTERIOR ELEVATIONS - FILTER ROOM	X	X			X*
A801	INTERIOR ELEVATIONS - CONCESSION	X	X			X*
A802	INTERIOR ELEVATION - CLASSROOM	X	X			X*
A803	INTERIOR ELEVATION - LOCKER ROOM	X	X	X		X*
A804	INTERIOR ELEVATION - FAMILY ROOM	X	X			X*
A805	ENLARGED LOCKER AND FAMILY ROOM PLANS	X	X			X*
A806	ENTRY GATE PLAN AND ELEVATION	X	X			X
A900	DOOR AND DOOR HARDWARE SCHEDULES	X	X			X
A910	WINDOW SCHEDULE	X	X			X
A930	FINISH SCHED	X	X			X*
A931	PRODUCT SCHEDULE	X	X			X*
A932	KITCHEN AND MISCELLANEOUS SCHEDULE	X	X			X*
A933	MISCELLANEOUS ITEMS SCHEDULE	X	X	X		X*
A934	MISCELLANEOUS ITEMS SCHEDULE	X	X			X
AP101	SITE PLAN	X	X			X*
AP102	POOL FLOOR PLAN	X	X	X		X*
AP103	POOL DECK PLAN	X	X			X*
AP104	POOL PIPING PLAN	X	X			X*
AP105	POOL BONDING PLAN	X	X			X*
AP106	POOL REINFORCING PLAN	X	X			X*
AP107	SPLASH PAD PLAN	X	X			X*
AP108	SPLASH PAD BONDING AND REINFORCING PLAN	X	X			X
AP109	SPLASH PAD PIPING PLAN	X	X			X*
AP301	POOL SECTIONS	X	X	X		X*
AP302	SPLASH PAD SECTIONS & VIEWS	X	X			X
AP401	EQUIPMENT ROOM PLAN	X	X			X*
AP501	POOL EQUIPMENT DETAILS	X	X			X*
AP502	INSTALLATION DETAILS	X	X			X*
AP503	INSTALLATION DETAILS	X	X			X*
AP504	POOL EQUIPMENT DETAILS		X	X		X*
AP600	VORTEX - PLUMBING PLAN		X			X*
	CIVIL					
C1	SITE PLAN COVER SHEET	X				
C2	GENERAL NOTES AND DETAILS	X				
C3	EXISTING CONDITIONS PLAN	X				
C4	SITE DEVELOPMENT PLAN	X				
C5	UTILITY PLAN	X				
C6	SANITARY SEWER PROFILES AND DETAILS	X				
C7	WATER LINE PROFILES AND DETAILS	X				
C1	COVER SHEET		X			X
C2	GENERAL NOTES & DETAILS		X			X
C3	EXISTING CONDITIONS & DEMOLITION PLAN		X			X
C4	SITE PLAN - POOL COMPLEX		X			X*
~~C5~~	~~SITE PLAN - ADDITIONAL PARKING AREA~~		X			X
~~C6~~	~~LANDSCAPE & LIGHTING DETAILS - PARKING AREA~~		X			X
C7	PROPOSED CONSERVED OPEN SPACE PLAT		X			X
C8	UTILITY PLAN		X			X
C9	SANITARY SEWER PROFILES & DETAILS		X			X
C10	WATER LINE PROFILES & DETAILS		X			X
C11	STORM SEWER DRAINAGE MAP AND PROFILES		X			X
C12	STORM SEWER CALCULATIONS AND DETAILS		X			X
C13	POST-DEVELOPMENT DRAINAGE MAP - QUALITY		X			X
C14	SWM COMPUTATIONS - VRRM SPREADSHEET		X			X
C15	PRE-DEVELOPMENT DRAINAGE MAP - QUANTITY		X			X
C16	POST-DEVELOPMENT DRAINAGE MAP - QUANTITY		X			X
C17	ANALYSIS OF DOWNSTREAM CHANNEL		X			X
C18	HYDROGRAPHS & SWM NARRATIVE		X			X
C19	STORM WATER MANAGEMENT DETAILS		X			X
C20	EROSION & SEDIMENT CONTROL PLAN - PHASE 1		X			X
C21	EROSION & SEDIMENT CONTROL PLAN - PHASE 2		X			X

23703-working MASTER TOC-REBID-032724

C22	EROSION & SEDIMENT CONTROL NOTES & NARRATIVE		X			X												
	STRUCTURAL																	
S100	NOTES AND SPECIFICATIONS	X	X			X												
S100.1	SCHEDULE OF SPECIAL INSPECTIONS	X	X			X												
S101	FOUNDATION PLAN–SECTIONS-DETAILS	X	X			X												
S102	FRAMING PLAN – SECTIONS	X	X			X												
S103	BRACE WALL PLAN – CALCS – DETAILS	X	X			X												
S104	PAVILION FOUNDATION & FRAMING PLAN	X	X			X												
S104.1	OPTIONAL PAVILION ROOF FRAMING	X	X			X												
S105	POOL & SPLASH PAD SLAB REINFORCEMENT PLANS	X	X			X												
S106	POOL SECTIONS	X	X			X												
	MECHANICAL/ELECTRICAL/PLUMBING																	
M000.1	MECHANICAL LEGENDS	X	X			X*												
M000.2	MECHANICAL ABBREVIATIONS AND NOTES	X	X			X												
M000.3	MECHANICAL SPECIFICATIONS	X	X			X												
M000.4	MECHANICAL SPECIFICATIONS	X	X			X												
M000.5	MECHANICAL SPECIFICATIONS	X	X			X												
M000.6	MECHANICAL SPECIFICATIONS	X	X			X												
M000.7	MECHANICAL SPECIFICATIONS	X	X															
M000.8	MECHANICAL SPECIFICATIONS		X															
M000.8	MECHANICAL SCHEDULES	X																
M000.9	MECHANICAL SCHEDULES	X	X		X	X												
M000.10	MECHANICAL SCHEDULES	X	X		X	X*												
M000.11	MECHANICAL SCHEDULES		X			X*												
M100.0	MECHANICAL OVERALL PLAN	X	X			X												
M100.1	MECHANICAL DUCTWORK PLAN - AREA 'A'	X	X			X												
M100.2	MECHANICAL DUCTWORK PLAN - AREA 'B'	X	X			X*												
M100.3	MECHANICAL DUCTWORK PLAN - AREA 'C'	X	X		X	X*												
M200.1	MECHANICAL PIPING PLAN - AREA 'A'	X	X			X												
M200.2	MECHANICAL PIPING PLAN - AREA 'B'	X	X			X												
M200.3	MECHANICAL PIPING PLAN - AREA 'C'	X	X			X*												
M500.1	MECHANICAL DETAILS	X	X			X												
M500.2	MECHANICAL DETAILS	X	X			X												
M500.3	MECHANICAL DETAILS	X	X		X	X*												
M500.4	MECHANICAL DETAILS	X	X			X*												
E000.1	ELECTRICAL LEGENDS	X	X			X												
E000.2	ELECTRICAL ABBREVIATIONS AND NOTES	X	X			X												
E000.3	ELECTRICAL SPECIFICATIONS	X	X			X												
E000.4	ELECTRICAL SCHEDULES	X	X			X*												
E100.0	ELECTRICAL OVERALL PLAN	X	X			X												
E100.1	ELECTRICAL POWER PLAN - AREA 'A'	X	X			X												
E100.2	ELECTRICAL POWER PLAN - AREA 'B'	X	X			X												
E100.3	ELECTRICAL POWER PLAN - AREA 'C'	X	X			X*												
E200.1	ELECTRICAL LIGHTING PLAN - AREA 'A'	X	X			X												
E200.2	ELECTRICAL LIGHTING PLAN - AREA 'B'	X	X			X												
E200.3	ELECTRICAL LIGHTING PLAN - AREA 'C'	X	X			X												
E400.1	ELECTRICAL ONE-LINE DIAGRAM	X	X			X												
E500.1	ELECTRICAL DETAILS	X	X			X												
E500.2	ELECTRICAL DETAILS	X	X			X												
E600.1	ELECTRICAL SITE PLAN	X	X			X												
P000.1	PLUMBING LEGENDS	X	X		X	X												
P000.2	PLUMBING ABBREVIATIONS AND NOTES	X	X			X												
P000.3	PLUMBING SPECIFICATIONS	X	X			X												
P000.4	PLUMBING SPECIFICATIONS	X	X			X												
P000.5	PLUMBING SPECIFICATIONS	X	X			X												
P000.6	PLUMBING SPECIFICATIONS	X	X			X												
P000.7	PLUMBING SCHEDULES	X	X			X*												
P000.8	PLUMBING SCHEDULES	X	X			X												
P100.0	PLUMBING OVERALL PLAN	X	X			X												
P100.1	PLUMBING BELOW GRADE PLAN - AREA 'A'	X	X			X												
P100.2	PLUMBING BELOW GRADE PLAN - AREA 'B'	X	X			X												
P100.3	PLUMBING BELOW GRADE PLAN - AREA 'C'	X	X			X												
P200.1	PLUMBING PLAN - AREA 'A'	X	X			X												
P200.2	PLUMBING PLAN - AREA 'B'	X	X		X	X												
P200.3	PLUMBING PLAN - AREA 'C'	X	X		X	X												
P400.1	DOMESTIC WATER RISER DIAGRAMS				X	X												
P400.2	SANITARY AND VENT RISER DIAGRAMS				X	X												
P500.1	PLUMBING DETAILS	X	X			X*												
P500.2	PLUMBING DETAILS	X	X			X												
P500.3	PLUMBING DETAILS	X	X			X												
P500.4	PLUMBING DETAILS	X	X			X												
P500.5	PLUMBING DETAILS	X	X			X												
P500.6	PLUMBING DETAILS	X	X			X												
	LANDSCAPE																	
L100.1	LANDSCAPE PLAN	X	X			X												

	NOTES
1	SHEETS DENOTED WITH AN ASTERISK (*) CONTAIN REVISIONS FOR REBID.

STRUCTURAL DRAWING HAVE NOT BEEN UPDATED FOR POOL REVISION; SEE AP DRAWINGS

No.	Date	Issue Notes
1	12/7/2023	PERMIT SUBMISSION
	1/3/2024	RELEASE FOR BID
	2/19/2024	PERMIT COMMENT RESPONSE

Project No: 23703 | Drawn By: cuilpeper | Checked By: | Approved By: | Project Manager: | Plot Date: 00/00/00

Design Firm: NORMAN SMITH ARCHITECTURE
1341 H Street, Washington, DC 20002-4906
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Consultant:

Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title: TABLE OF CONTENTS

Scale:

Sheet No: A001 of

T RESPONSE

C:\Arch Projects\23703 Culpeper\23703-zoning & code research\23703-building code analysis-NKS REVW-120423.docx

BUILDING CODE ANALYSIS:
PROJECT #: 23703
PROJECT ADDRESS:16388 COMPETITION DRIVE, CULPEPER, VA

GENERAL NOTES:
1. BUILDING DESIGNED UNDER: 2018VIRGINIA UNIFORM STATE BUILDING CODE
2. APPLICABLE CODES FROM THE VUSBC INCLUDE: 2018 VA BUILDING CODE; VA ACCESSIBILITY CODE 2009, A117.1, 2009; 2018 VA FIRE CODE, IFC 2018 AMENDED; 2018 VA PLUMBING CODE, IPC 2018 AMENDED; 2018 VA MECHANICAL CODE, IMC 2018 AMENDED; 2018 VA ENERGY CODE, IECC 2018 AMENDED; 2018 VA SWIMMING POOL AND SPA CODE, ISPSC 2018 AMENDED; 2017 VA ELECTRICAL CODE, NFPA 70, 2017 AMENDED; 2016 VA FIRE ALARM CODE, NFPA 72, 2016 NOT AMENDED; 2010 ADA STANDARDS.
3. BUILDING CODE ANALYSIS MATRIX BASED ON IBC CHAPTER AND SECTION.

GENERAL AREA/ TYPE	ITEM/TYPE/ ASSEMBLY	CODE CITATION	CODE AMEND CITATION	ALLOWED/REQUIRED	PROVIDED	COMMENTS
BUILDING						
USE AND OCCUPANCY CLASSIFICATION		302 303.6			ASSEMBLY GROUP A-5 SWIMMING POOLS	OUTDOOR SWIMMING POOL; SUPPORT OCCUPANCIES ANCILLARY TO MAIN OCCUPANCY (A-5) INCLUDE: LOCKER/SHOWER/CHANGING ROOMS AND TOILET FACILITIES (GROUP A-5 ANCILLARY), OFFICES (GROUP B), CLASS ROOM (GROUP B SMALL ASSEMBLY SPACE <50 [303.1.2]), FOOD CONCESSION (GROUP A-2 ASSOCIATED COMMERCIAL KITCHEN), PRIMARY FACILITY SUPPORT (GROUP A-5 ANCILLARY)
SPECIAL REQUIREMENTS BASED ON USE AND OCCUPANCY		401		NA	NA	
BUILDING HEIGHT AND AREA	**MIXED USE AND OCCUPANCY**	504.3 TABLE 504.3 504.4 TABLE 504.4 506.2 TABLE 506.2 508.1 508.2		ALLOWABLE BLDG HGT FOR ABOVE OCCUPANCIES AND TYPE VB NS IS 40 FT. ALLOWABLE # OF STORIES FOR TYPE VB NS A-5 IS UNLIMITED; MOST RESTRICTIVE OCCUPANCY ABOVE AND TYPE VB NS IS ONE. ALLOWABLE AREA FOR TYPE VB NS A-5 IS UNLIMITED; FOR MOST RESTRICTIVE ACCESSORY OCCUPANCY ABOVE (A-2) AND TYPE VB NS IS 6000 SF.	BLDG HGT: +/- 31'-5" NUMBER OF STORIES: 1 BUILDING AREA: 4410 SF	BUILDING DOES NOT MEET THRESHOLD AS PER 902.3 FOR SPRINKLER. NO ELEVATOR OR HOISTWAY ENCLOSURES; RELATED FIRE PROTECTION NOT REQUIRED.
CONSTRUCTION CLASSIFICATION	**CONSTRUCTION CLASSIFICATION**	602.5		TYPE VB	VB BASE CONSTRUCTION TYPE	
FIRE-RESISTANCE RATING OF BUILDING ELEMENTS	**ALL BUILDING ELEMENTS**	601 TABLE 601		0-HR	0-HR FIRE-RESISTANCE RATING FOR ALL EXTERIOR WALLS OF POOL SUPPORT STRUCTURE	TYPE VB CONSTRUCTION REQUIRES 0-HR FIRE-RESISTANCE RATING FOR BUILDING ELEMENTS; IN ADDITION, FIRE SEPARATION DISTANCE IN ALL DIRECTIONS FROM SUPPORT STRUCTURE IS > 30 FT.
FIRE AND SMOKE PROTECTION FEATURES	**THERMAL- AND SOUND-INSULATING MATERIALS**	720		CONCEALED, EXPOSED AND LOOSE-FILL INSULATION: FSI < 25, SDI < 450	PROVIDED AS NOTED.	
INTERIOR FINISHES	**INTERIOR WALL AND CEILING FINISHES FOR FLAME AND SMOKE**	803.13 TABLE 803.13		B – NON-SPRINKLERED: CLASS C FOR CONCESSION KITCHEN A-5 – NON-SPRINKLERED: CLASS C FOR SWIMMING POOL ANCILLARY SPACES B – NON-SPRINKLERED: CLASS C FOR ADMIN SUITE AND CLASSROOM	PROVIDED AS NOTED; CLASS C OR BETTER	THE CONCESSION KITCHEN IS TREATED AS A B USE GROUP WITHIN THE LARGER A-5 USE GROUP BECAUSE IT IS NOT A PART OF AN A-2 USE AND IS NOT ASSOCIATED WITH A RESTAURANT OR SIMILAR FACILITY. THERE ARE NO ENCLOSED CORRIDORS OR STAIRS SO THE ONLY PROVISION THAT APPLIES IS TO ROOMS AND ENCLOSED SPACES
	INTERIOR FLOOR FINISHES	804.1 804.4.2		A & B: CLASS II.	PROVIDED AS NOTED. CLASS II RESINOUS FLOORING ON CONCRETE THROUGHOUT	TYPICAL PHYSICAL PROPERTY: FLAMMABILITY / ASTM C 579 – SELF-EXTINGUISHING OVER CONCRETE
FIRE PROTECTION SYSTEMS	**SPRINKLER**			NON-SPRINKLERED	NA	
	PORTABLE FIRE EXTINGUISHERS (PFE)	906.1		REQUIRED IN ALL GROUPS OF THIS PROJECT.	ONE (1) CLASS ABC, 2-A PFE IN EACH WING OF VERANDA AREAS IN USE GROUP A-5 AREA ONE (1) CLASS ABC, 2-A PFE IN USE GROUP A-5 SWIMMING POOL FILTER ROOM ONE (1) CLASS K IN USE GROUP B COMMERCIAL KITCHEN AREA	
MEANS OF EGRESS	**OCCUPANT LOAD**	1004.4 TABLE 1004.5			AB KITCHEN: 422/150 = 2.8 = 3 B CLASSROOM: 549/15NSF = 36.6 = 37 B OFFICES: 455/150 = 3.03 = 4 A-5 LOCKER ROOM: 380/50 = 7.6 = 8 A-5 FAMILY CHNG RM: 108/50 = 2.16 = 3	OCCUPANT LOADS ARE CALCULATED BASED ON MAXIMUM IBC PARAMETERS AND DO NOT REFLECT ACTUAL, ANTICIPATED OCCUPANT LOADS WHICH WILL BE POSTED AT A MAXIMUM OF 250 OCCUPANTS FOR THE POOLS, AND ALL ASSOCIATED AREAS NOTED
	POSTED LOAD	1004.9			THE 250 PERSON MAXIMUM OCCUPANT LOAD WILL BE POSTED IN THE ENTRY SPACE	
	ELEVATORS REQ'D			NONE REQUIRED.	NA.	BUILDING IS ONE STORY, ELEVATOR NOT REQ'D NOR PROVIDED.
	COMMON TRAVEL PATH	1006.2.1 TABLE 1006.2.1		COMMON PATH OF EGRESS TRAVEL NOT TO EXCEED: A NS - OL ≤ 30 – 75' B NS – OL ≤ 30 – 100'	A LOCKER ROOM – 30'-7" B CLASSROOM – 24'-4"	
	# OF EXIT DOORS FROM SPACES	1006.2.1		ONE EXIT ALLOWED FOR MAX O.L. OF: A OCCUP ≤ 50 B OCCUP ≤ 50	ALL SPACES HAVE ONE EXIT ACCEPT B CLASSROOM WHICH HAS TWO.	
	SEPARATION OF EXITS	1007.1.1		NOT LESS THAN ONE-HALF LENGTH OF OVERALL DIA. FOR BUILDING OR AREA REQ.	376.91' DIAGONAL X .5 = 188.45' MIN REQD; 210' PROVIDED	
	TRAVEL DISTANCE	TABLE 1017.2		NON-SPRINKLER: A – 200' B – 200'	MAX TD CONCESSION KITCHEN TO ENTRY) – 111'-5"	
	EXIT CORRIDORS; FIRE PARTITIONS	1020		ALL SPACES OPEN TO EXTERIOR, NO CORRIDORS IN BUILDING	NA	
	WIDTH OF EXITS/CORRIDORS	1020.2		ALL SPACES OPEN TO EXTERIOR, NO CORRIDORS IN BUILDING	NA	WITH A MAXIMUM POSTED OCCUPANT LOAD OF 250 PERSONS, TWO EXITS ARE REQUIRED AND EACH EXIT OR PORTION OF AN EXIT SHALL CONFORM WITH THE WIDTH REQUIREMENTS OF 1005.3.2. THERE ARE NO DOORS, RESTRICTIONS OR OTHER ENCROACHMENTS IN THE EGRESS PATH. EACH EXIT IS ALLOCATED 50% OF THE TOTAL OL OR 125 PERSONS. 125 PERSONS X .2 = 25" WIDTH; THIS DEFAULTS TO 44". ALL PORTIONS OF THE EGRESS PATH WITHIN THE BUILDING PROPER MEET OR EXCEED THIS WIDTH REQUIREMENT AND THE 48" WIDE FENCE GATE ALSO EXCEEDS THE WIDTH REQUIREMENT.
ACCESSIBILITY	**SCOPING**	1103		IBC AND ICC/ANSI A117.1 ARE GENERALLY CONSIDERED 'SAFE HARBOR' DOCUMENTS, I.E. DESIGNING TO ICC/ANSI A117.1 AND ADAAG, WHERE APPLICABLE, WILL PROVIDE CONFORMANCE WITH REQUIREMENTS FOR PUBLIC ACCOMODATIONS. SPACES AND ELEMENTS WITHIN EMPLOYEE WORK AREAS SHALL ONLY BE REQUIRED TO COMPLY WITH SECTIONS 1009 AND 1104 AND SHALL BE DESIGNED AND CONSTRUCTED SO THAT INDIVIDUALS WITH DISABILITIES CAN APPROACH, ENTER AND EXIT THE WORK AREA.		
	ACCESSIBLE ROUTE	1104.3.1		COMMON USE CIRCULATION PATHS WITHIN EMPLOYEE WORK AREAS SHALL BE ACCESSIBLE ROUTES.	PROVIDED.	
	ACCESSIBLE ENTRANCE	1105.1		REQUIRED FOR MIN. 60% OF PUBLIC ENTRANCES	PROVIDED.	
	ACCESSIBLE PARKING SPACES	1106		SEE CIVIL	SEE CIVIL	SEE CIVIL
SWIMMING POOL		VASPSC				
BARRIER	**HEIGHT AND CLEARANCE**	305.2		TOP OF BARRIER SHALL BE NOT LESS THAN 48 IN ABV GRADE MEASURED ON SIDE AWAY FROM POOL	72" TALL FENCE PROVIDED. ALL OTHER REQUIRMENTS MET AND/OR PROVIDED	THE FENCE MAINATINS THE REQUIRED MINIMUM HEIGHT IN RELATIONSHIP TO ADJACENT TOPOGRAPHY

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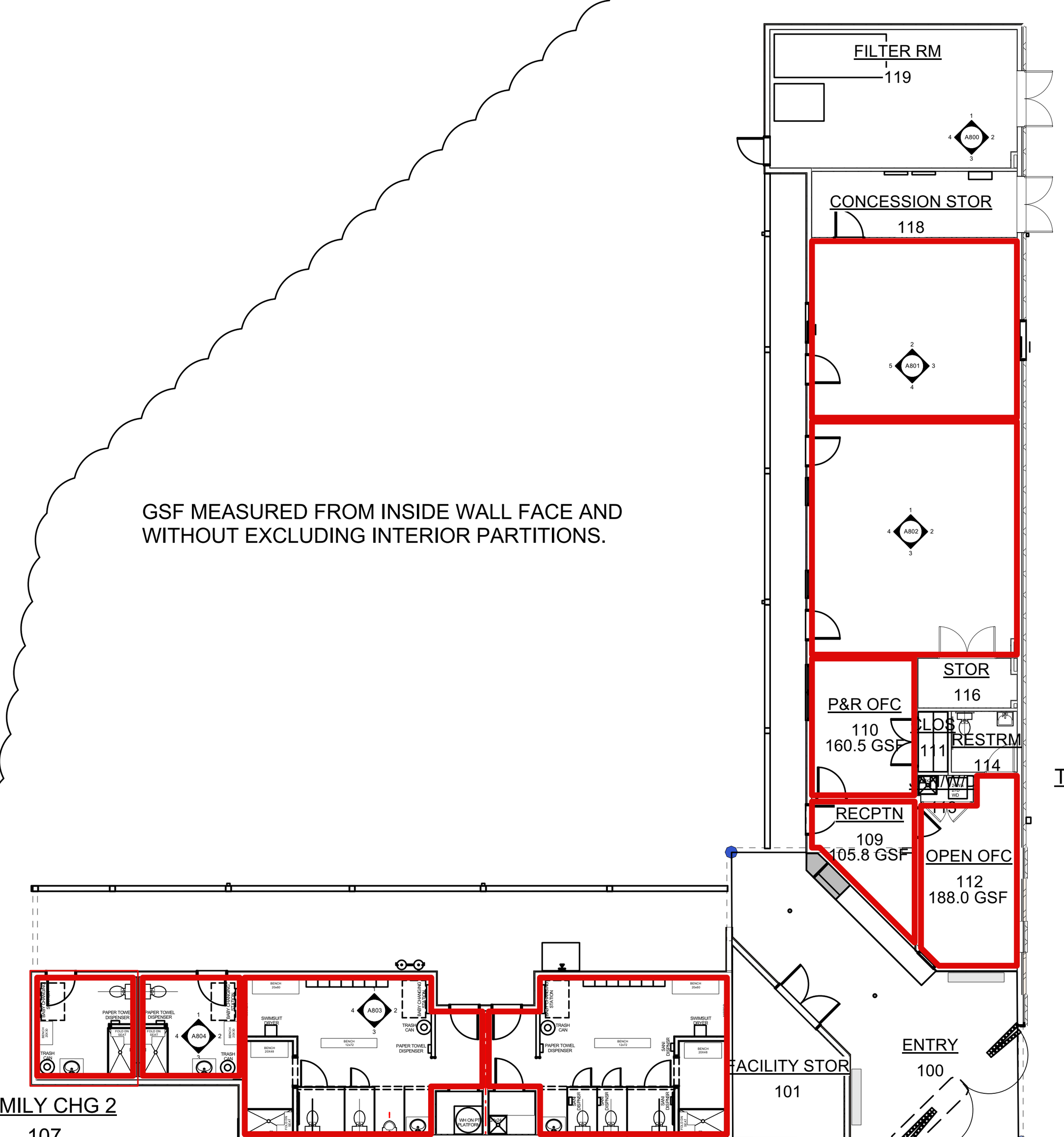
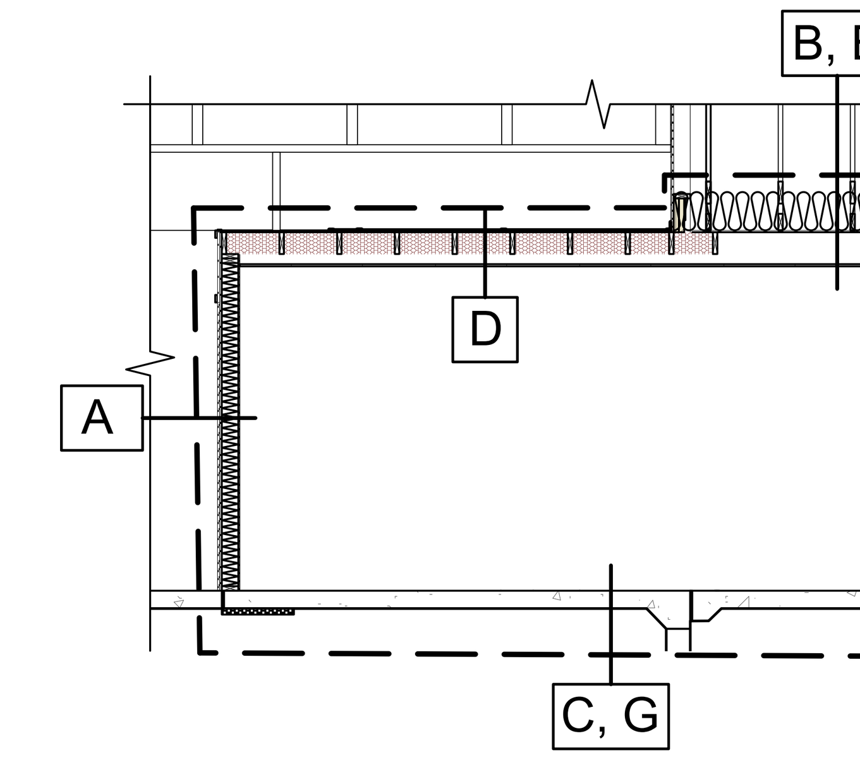
GENERAL AREA/ TYPE	ITEM/TYPE/ ASSEMBLY	CODE CITATION	CODE AMEND CITATION	ALLOWED/REQUIRED	PROVIDED	COMMENTS
				CLEARANCE BTWN NON-SOLID SURFACE AND BOTTOM OF BARRIER SHALL NOT EXCEED 2 IN., AND BTWN SOLID SURFACE AND BOTTOM OF BARRIER SHALL NOT EXCEED 4 IN. MEASUED ON SIDE AWAY FROM POOL; CLEARANCE. OPENINGS IN BARRIER SHALL NOT ALLOW PASSAGE OF A 4-IN. DIA SPHERE. POOL SIDE OF BARRIER SHALL BE NOT LESS THAN 20 IN. FROM WATER'S EDGE.		
	GATES			ACCESS GATES SHALL BE EQUIPPED WITH A LOCKING DEVICE. PEDESTRIAN ACCESS GATES SHALL OPEN OUTWARD AWAY FROM THE POOL, SHALL BE SELF-CLOSING AND SHALL HAVE A SELF-LATCHING DEVICE.	GATE WILL BE PART OF EGRESS AND WILL BE EQUIPED WITH PANIC BAR AND BARRIER TO PREVENT ACTIVATION FROM OUTSIDE OF GATE.	
DECKS	**SLIP RESISTANT**	306.2		DECK SHALL BE SLIP RESISTANT AND CLEANABLE.	PROVIDED.	
	SLOPE	306.5 TABLE 306.5		MIN SLOPE OF DECKS WITH TEXTURED, HAND-FINISHED CONC SHALL BE 1/8 IN. PER FT.	PROVIDED.	
	JOINTS AND EDGES	306.7 306.8		ISOLATION JOINTS WHERE POOL COPING MEETS CONCRETE DECK SHALL BE WATER TIGHT. DECK EDGES SHALL BE RADIUSED, TAPERED OR OTHERWISE DESIGNED TO ELIMINATE SHARP CORNERS.	PROVIDED.	
DRESSING AND SANITARY FACILITIES	**NUMBER OF FIXTURES**	609.2.1		FACILITIES WITH WATER AREA LESS THAN 7500 SF SHALL HAVE NOT LESS THAN ONE WATER CLOSET FOR MALES, ONE URINAL FOR MALES, ONE LAVATORY FOR MALES, ONE SHOWER FOR MALES, TWO WATER CLOSETS FOR FEMALES, ONE LAVATORY FOR FEMALES AND ONE SHOWER FOR FEMALES.	PLANNED POOL(S) TO HAVE WATER SURFACE AREA OF 6139 SF. PROVIDED FOR MALE LOCKER ROOM/RESTROOM: TWO WATER CLOSETS, ONE URINAL, ONE LAV, AND ONE SHOWER. PROVIDED FOR FEMALE LOCKER ROOM/RESTROOM: THREE WATER CLOSETS, ONE LAV AND ONE SHOWER IN ADDITIONS, TWO FAMILY CHANGING/RESTROOMS PROVIDED WITH ONE WATER CLOSET, ONE LAV AND ONE SHOWER IN EACH.	A SEPARATE RESTROOM WITH ONE WATER CLOSET AND ONE LAV IS PROVIDED FOR STAFF. BECAUSE THE POOL COMPLEX CONTAINS A MIX OF POOL TYPES, THE MAJORITY OF WHICH FALL WITHIN THE CLASS D-1 THRU D-6 TYPES COVERED IN 2018 VA SPSC CHAPTER 6, THE TOILET/SANITARY FACILITIES ARE CALCULATED BASED ON 2018 VA SPSC §609.2 FOR AQUATIC RECREATION FACILITIES TOTAL WATER AREA AND THE TYPE O (NON-DIVING) LAP POOL IS NOT CONSIDERED A SEPARATE CLASS B POOL FOR THE PURPOSES OF OCCUPANT LOAD. OCCUPANT LOAD HAS BEEN SET SEPARATELY AS NOTED ELSEWHERE. 2018 VA SPSC CHAPTER FOR PUBLIC POOLS REFERENCES 2018 VA IPC §403 FOR SANITARY FACILITIES. THIS CHAPTER DOES NOT APPLY TO THIS FACILITY DUE TO THE MIX OF POOL TYPES, THE MAXIMUM, STIPULATED OCCUPANT LOAD AND THE FACT THAT THE LAP POOL WILL BE USED FOR A VARIETY OF PURPOSES AND IS A SUBORDINATE PART OF THE OVERALL COMPLEX. NEVERTHELESS, WITH A TOTAL OL OF 250 AND 50% M/F SPLIT, AND IF 2018 VA IPC §403 FOR ALL POOL AREAS, THE SANITARY FACILITIES ARE STILL IN CONFORMANCE WITH §403 WHEN THE FAMILY ROOM LOCKER FACILITIES ARE INCLUDED; THE STAFF BATHROOM IS NOT INCLUDED IN THIS CALCULATION.
	SHOWER SPRAY UNIT	609.3.1		NOT LESS THAN ONE AND NOT GREATER THAN HALF OF THE TOTAL NUMBER OF SHOWERS REQUIRED BY SECT 609.2.1 SHALL BE A HAND SHOWER OR SHOWER SPRAY UNIT LOCATED ON THE DECK OF OR AT THE ENTRANCE OF EACH POOL	IN ADDITION TO THE REQUIRED # OF INTERIOR SHOWERS PROVIDED FOR MALE AND FEMALE, AND NON-REQUIRED FAMILY CHANGING ROOMS, ONE SHOWER SPRAY UNIT WILL BE LOCATED AT EXTERIOR FOR POOL.	
	RESTROOM ITEMS	609.4 609.5 609.6 609.7 609.8 609.9		ITEMS REQUIRED FOR DRESSING AND SANITARY FACILITIES SHALL BE PROVIDED: SOAP DISPENSER, TOILET TISSUE HOLDER, LAV MIRROR, SANITARY NAPKIN RECEPTACLE, SANITARY NAPKIN DISPENSER, BABY-CHANGING TABLE	EACH LOCKER ROOM/RESTROOM WILL BE PROVIDED. BABY-CHANGING TABLES WILL BE PROVIDED IN FAMILY CHANGING ROOMS.	
SIGNAGE	**SAFETY SIGNAGE**	412.1 611.10		SAFETY SIGNAGE ADVISING ON THE DANGER OF DIVING INTO SHALLOW AREAS AND ON THE PREVENTION OF DROWNING SHALL BE PROVIDED AS REQUIRED BY THE AUTHORITY THAT GOVERNS SUCH POOLS.	PROVIDED	
	EMERGENCY TELEPHONE SIGNS	412.2		SIGN INDICATING LOCATION OF NEAREST LANDLINE TELEPHONE THAT CAN BE USED TO CALL EMERGENCY SERVICES SHALL BE POSTED WITHIN SIGHT OF MAIN ENTRY INTO POOL FACILITY. SIGN SHALL INDICATE TELEPHONE NUMBERS AND AREA CODE, FOR EMERGENCY SERVICES INCLUDING, BUT NOT LIMITED TO, POLICE, FIRE, AMBULANCE AND RESCUE SERVICES. IF "9-1-1" TELEPHONE SERVICE IS AVAILABLE FOR ANY OF THOSE SERVICES, "9-1-1" SHALL BE INDICATED NEXT TO TELEPHONE NUMBER FOR SUCH SERVICES. SIGN SHALL INCLUDE STREET ADDRESS AND CITY WHERE THE POOL IS LOCATED. THE NEAREST LANDLINE TELEPHONE INDICATED BY THE SIGN SHALL BE ONE THAT CAN BE USED FREE OF CHARGE TO CALL FOR EMERGENCY SERVICES. SIGN SHALL BE POSTED WITHIN SIGHT OF THE LANDLINE TELEPHONE.	PROVIDED.	
	SIGN MESSAGES	611.1		SIGNS STATING RULES, INSTRUCTIONS, WARNINGS, I.E SUCTION ENTRAPMENT, SHALL BE POSTED. SIGNS SHALL BE POSTED TO FACE APPROACHING PEDESTRIAN TRAFFIC. CENTER OF SIGN TO BE LOCATED NOT LESS THAN 66 IN. ABOVE WALKWAY.	PROVIDED.	
	FONT AND SIZE	611.4		BOLD FONT SUCH AS ARIAL; CHARACTER HEIGHT TO BE PROPORTIONAL TO 1 IN. FOR 10 FT. OF INTENDED VIEW ING DISTANCE.	PROVIDED.	
	SHAPE AND SIZE	611.7 611.9		PANEL SHAPE AND SIZE FOR ALL SIGNS SHALL BE THE SAME SIGNS SHALL HAVE A DISTINCT BORDER.	PROVIDED	



GSF MEASURED FROM INSIDE WALL FACE AND WITHOUT EXCLUDING INTERIOR PARTITIONS.

4 / A103 **GSF FOR CALCULATING OCCUPANT LOAD**
Scale: 1/16" = 1'-0"

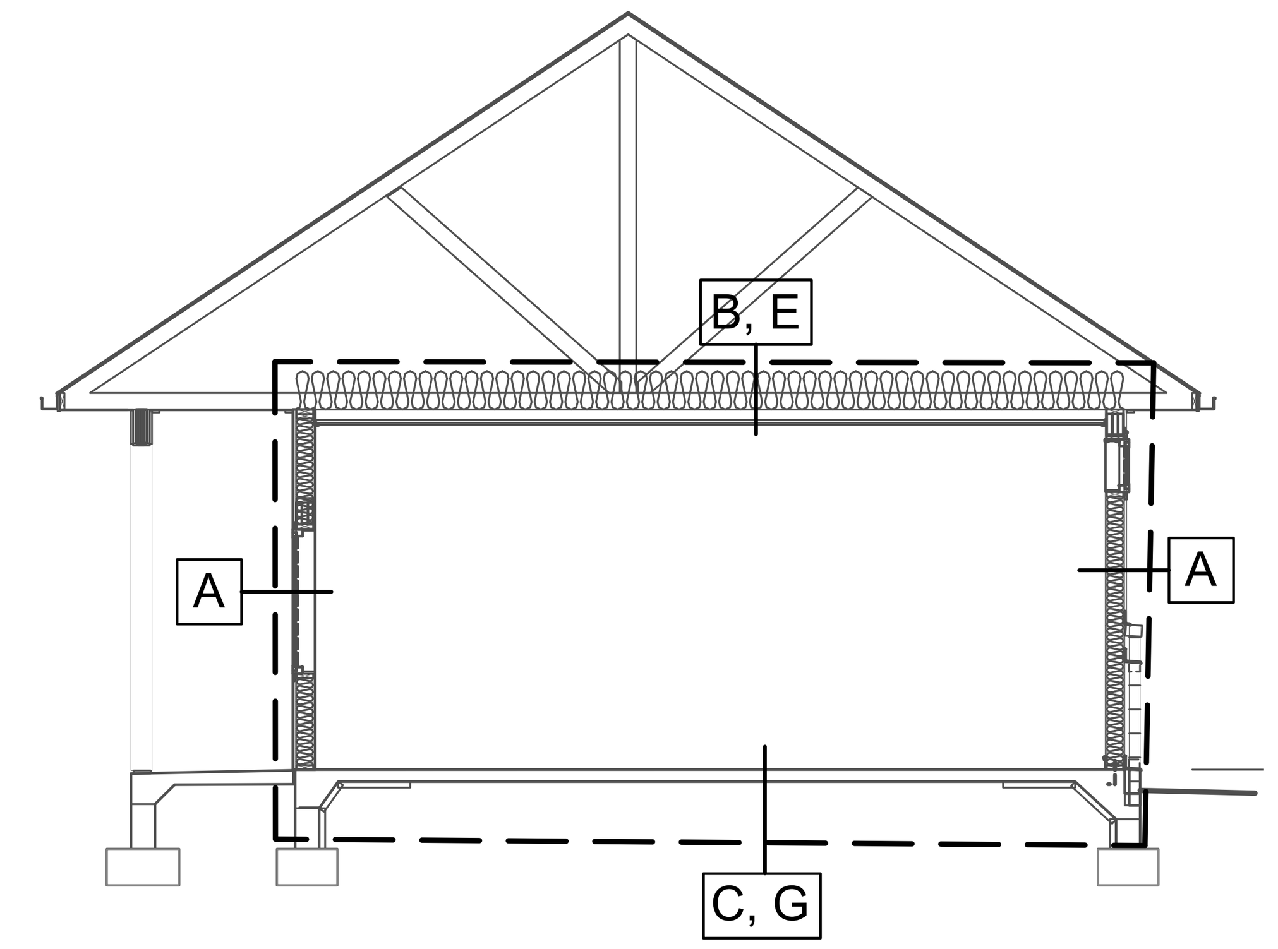
01/24/24 PLAN RVW



3 / A103 **SCHEMATIC BLDG SECT THRU OPEN OFC - THERMAL ENVELOPE**
Scale: 3/16" = 1'-0"

NOTE: ACTUAL BLDG SECT MAY VARY

NOTE: PROVIDE CONTINUOUS UNDER SLAB VAPOR BARRIER SHALL BE 15-MIL STEGO® WRAP VAPOR BARRIER UNDER SLAB MEMBRANE OR EQUAL. THE VAPOR BARRIER SHALL HAVE A MAXIMUM WATER VAPOR PERMEANCE OF 0.0086 PERMS AND A PUNCTURE RESISTANCE OF 2266 GRAMS. OVERLAP ALL SEAMS A MINIMUM OF 6 INCHES AND TAPE USING STEGO® TAPE OR STEGO® CRETE CLAW® TAPE. ALL PENETRATIONS MUST BE SEALED USING A COMBINATION OF STEGO WRAP AND STEGO ACCESSORIES. REFER TO MANUFACTURER INSTALLATION INSTRUCTIONS FOR DETAILS.



2 / A103 **SCHEMATIC BLDG SECT, TYP. - THERMAL ENVELOPE**
Scale: 3/16" = 1'-0"

NOTE: ACTUAL BLDG SECT MAY VARY

THERMAL ENVELOPE INSULATION COMPONENTS, MIN., TABLE C402.1.3

A. WALLS, ABOVE GRADE - R-20

B. ROOF, ATTIC - R-38

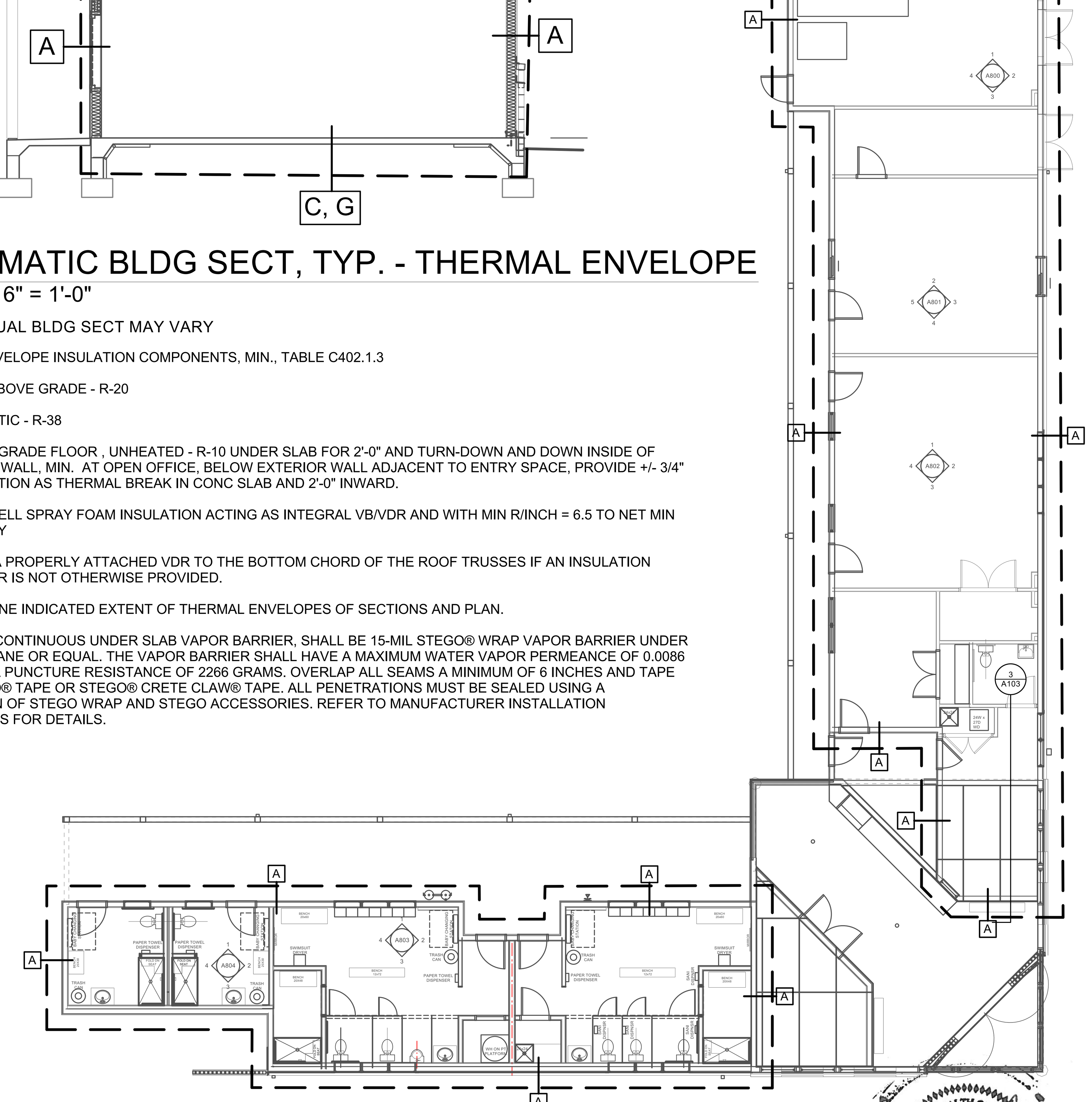
C. SLAB-ON-GRADE FLOOR , UNHEATED - R-10 UNDER SLAB FOR 2'-0" AND TURN-DOWN AND DOWN INSIDE OF FOUNDATION WALL, MIN. AT OPEN OFFICE, BELOW EXTERIOR WALL ADJACENT TO ENTRY SPACE, PROVIDE +/- 3/4" RIGID INSULATION AS THERMAL BREAK IN CONC SLAB AND 2'-0" INWARD.

D. CLOSED CELL SPRAY FOAM INSULATION ACTING AS INTEGRAL VB/VDR AND WITH MIN R/INCH = 6.5 TO NET MIN R-38 IN CAVITY

E. PROVIDE A PROPERLY ATTACHED VDR TO THE BOTTOM CHORD OF THE ROOF TRUSSES IF AN INSULATION INTEGRAL VDR IS NOT OTHERWISE PROVIDED.

F. DASHED LINE INDICATED EXTENT OF THERMAL ENVELOPES OF SECTIONS AND PLAN.

G. PROVIDE CONTINUOUS UNDER SLAB VAPOR BARRIER, SHALL BE 15-MIL STEGO® WRAP VAPOR BARRIER UNDER SLAB MEMBRANE OR EQUAL. THE VAPOR BARRIER SHALL HAVE A MAXIMUM WATER VAPOR PERMEANCE OF 0.0086 PERMS AND A PUNCTURE RESISTANCE OF 2266 GRAMS. OVERLAP ALL SEAMS A MINIMUM OF 6 INCHES AND TAPE USING STEGO® TAPE OR STEGO® CRETE CLAW® TAPE. ALL PENETRATIONS MUST BE SEALED USING A COMBINATION OF STEGO WRAP AND STEGO ACCESSORIES. REFER TO MANUFACTURER INSTALLATION INSTRUCTIONS FOR DETAILS.



1 / A103 **ARCH FLOOR PLAN - THERMAL ENVELOPE**
Scale: 3/32" = 1'-0"

NORMAN KEFAUVER SMITH No. 011462 ARCHITECT — COMMONWEALTH OF VIRGINIA

No.	Date	Issue Notes
3	1/24/2024	PLAN REVIEW COMMENT RESPONSE
	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION

No.	Date	Revision Notes	Zone	Appr

Date: 12/6/2023
Revision:
Project ID: 23703;culpeper
Drawing Code:
CAD File Name:
Plot Date: 00/00/00
Designed By:
Drawn By:
Checked By:
Reviewed By:
Submitted By:
Project Manager:

Design Firm
NORMAN SMITH ARCHITECTURE
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Consultant

Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
BUILDING CODE ANALYSIS
,

Scale

Sheet No.
A103
of

23703-culpeper pool-occupant load and control-010324

OCCUPANT LOAD AND CONTROL

1. THE CULPEPER COMMUNITY POOL WILL BE A SEASONAL OUTDOOR AQUATICS FACILITY OPEN TO THE PUBLIC FROM MEMORIAL DAY TO LABOR DAY AND WILL BE OCCUPIED DURING THAT TIME FRAME. IT WILL BE LOCATED WITHIN THE CULPEPER COUNTY SPORTS COMPLEX AT 16388 COMPETITION DR., CULPEPER, VA 22701. THE FACILITY WILL FEATURE SIX (6) 25-METER LAP LANES, A SPLASH PAD AND LEISURE POOL, A BATHHOUSE AND SUPPORT AREAS (CONCESSION STAND, CLASSROOM SPACE, FILTER ROOM, ETC.), AND TWO (2) 20' X 20' SHELTERS. THE FACILITY WILL BE MANAGED AND OPERATED BY THE COUNTY OF CULPEPER AND SPECIFICALLY THE PARKS & RECREATION DEPARTMENT.
2. BASED ON DISCUSSIONS, WE HAVE PROVIDED A LOWER MAXIMUM OCCUPANT LOAD (OL) THAN THAT WHICH WOULD BE CALCULATED BASED ON THE SF/OCCUPANT CODE SECTIONS. THIS NUMBER WILL ACCURATELY REFLECT THE PLANNED, ACTUAL USE OF THE BUILDING. THE PARKS AND RECREATION (DPR) DIRECTOR, ANDREW HARDY HAS INDICATED THAT AN OL OF 250, INCLUDING STAFF, IS AN APPROPRIATE NUMBER TO BASE THE DESIGN ON. THE TOTAL 250 MAXIMUM OL WILL INCLUDE THE POOL, DECK AREA AND THE BATH HOUSE FACILITIES. CLASSROOM(S) WILL NOT CONTRIBUTE TO ADDITIONAL OL AND THE FACILITIES THEMSELVES, INCLUDING THE BATHS, ETC. WILL ALSO NOT CONTRIBUTE FURTHER TO THE TOTAL 250 OL. DPR WILL MONITOR THE OCCUPANCY AS FOLLOWS:
   A. THE MAXIMUM OL WILL BE POSTED IN THE ENTRY SPACE.
   B. INGRESS AND EGRESS WILL BE FROM ONE POINT AND WILL BE MONITORED TO ENSURE THE OL IS NOT EXCEEDED.
   C. THE DPR STAFF WILL USE DIGITAL OR OTHER COUNTERS TO MONITOR AND TABULATE THE ARRIVAL AND DEPARTURE OF USERS SO AS TO MAINTAIN THE TOTAL OCCUPANCY AT OR UNDER THE 250 OL LEVEL.
   D. A QUEUING SPOT FOR WAITING USERS OUTSIDE OF THE BUILDING ON THE EAST SIDE BETWEEN THE POOL AND THE FIELD HOUSE AND ADDITIONAL BENCHES INSIDE THE ENTRY MAY BE PROVIDED TO PROVIDE WAITING/QUEUING AREAS FOR USERS.
   E. USERS WILL NOT BE ALLOWED TO WAIT IN FRONT OF THE RECEPTION DESK OR IN AREAS THAT COULD BE USED FOR INGRESS AND EGRESS.
3. THE OL FOR VARIOUS SPACES WILL BE NOTED, AS NEEDED, TO CONFIRM EGRESS AND DOOR#/SWING REQUIREMENTS.

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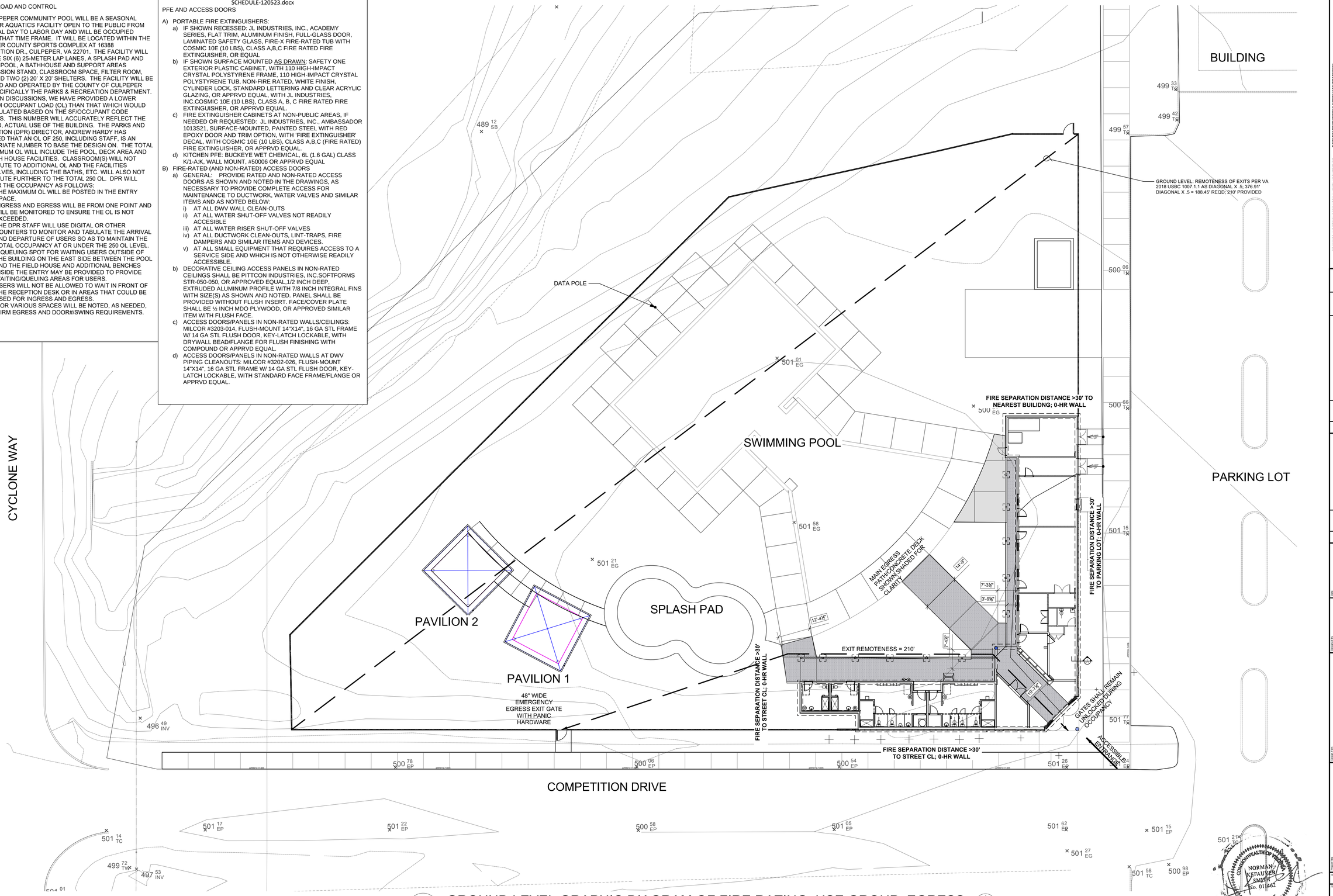
PFE AND ACCESS DOORS

A) PORTABLE FIRE EXTINGUISHERS:
   a) IF SHOWN RECESSED: JL INDUSTRIES, INC., ACADEMY SERIES, FLAT TRIM, ALUMINUM FINISH, FULL-GLASS DOOR, LAMINATED SAFETY GLASS, FIRE-X FIRE-RATED TUB WITH COSMIC 10E (10 LBS), CLASS A,B,C FIRE RATED FIRE EXTINGUISHER, OR EQUAL
   b) IF SHOWN SURFACE MOUNTED AS DRAWN: SAFETY ONE EXTERIOR PLASTIC CABINET, WITH 110 HIGH-IMPACT CRYSTAL POLYSTYRENE FRAME, 110 HIGH-IMPACT CRYSTAL POLYSTYRENE TUB, NON-FIRE RATED, WHITE FINISH, CYLINDER LOCK, STANDARD LETTERING AND CLEAR ACRYLIC GLAZING, OR APPRVD EQUAL, WITH JL INDUSTRIES, INC.COSMIC 10E (10 LBS), CLASS A, B, C FIRE RATED FIRE EXTINGUISHER, OR APPRVD EQUAL.
   c) FIRE EXTINGUISHER CABINETS AT NON-PUBLIC AREAS, IF NEEDED OR REQUESTED: JL INDUSTRIES, INC., AMBASSADOR 1013S21, SURFACE-MOUNTED, PAINTED STEEL WITH RED EPOXY DOOR AND TRIM OPTION, WITH 'FIRE EXTINGUISHER' DECAL, WITH COSMIC 10E (10 LBS), CLASS A,B,C (FIRE RATED) FIRE EXTINGUISHER, OR APPRVD EQUAL.
   d) KITCHEN PFE: BUCKEYE WET CHEMICAL, 6L (1.6 GAL) CLASS K/1-A:K, WALL MOUNT, #50006 OR APPRVD EQUAL
B) FIRE-RATED (AND NON-RATED) ACCESS DOORS
   a) GENERAL: PROVIDE RATED AND NON-RATED ACCESS DOORS AS SHOWN AND NOTED IN THE DRAWINGS, AS NECESSARY TO PROVIDE COMPLETE ACCESS FOR MAINTENANCE TO DUCTWORK, WATER VALVES AND SIMILAR ITEMS AND AS NOTED BELOW:
      i) AT ALL DWV WALL CLEAN-OUTS
      ii) AT ALL WATER SHUT-OFF VALVES NOT READILY ACCESIBLE
      iii) AT ALL WATER RISER SHUT-OFF VALVES
      iv) AT ALL DUCTWORK CLEAN-OUTS, LINT-TRAPS, FIRE DAMPERS AND SIMILAR ITEMS AND DEVICES.
      v) AT ALL SMALL EQUIPMENT THAT REQUIRES ACCESS TO A SERVICE SIDE AND WHICH IS NOT OTHERWISE READILY ACCESSIBLE.
   b) DECORATIVE CEILING ACCESS PANELS IN NON-RATED CEILINGS SHALL BE PITTCON INDUSTRIES, INC.SOFTFORMS STR-050-050, OR APPROVED EQUAL,1/2 INCH DEEP, EXTRUDED ALUMINUM PROFILE WITH 7/8 INCH INTEGRAL FINS WITH SIZE(S) AS SHOWN AND NOTED. PANEL SHALL BE PROVIDED WITHOUT FLUSH INSERT. FACE/COVER PLATE SHALL BE ½ INCH MDO PLYWOOD, OR APPROVED SIMILAR ITEM WITH FLUSH FACE.
   c) ACCESS DOORS/PANELS IN NON-RATED WALLS/CEILINGS: MILCOR #3203-014, FLUSH-MOUNT 14"X14", 16 GA STL FRAME W/ 14 GA STL FLUSH DOOR, KEY-LATCH LOCKABLE, WITH DRYWALL BEAD/FLANGE FOR FLUSH FINISHING WITH COMPOUND OR APPRVD EQUAL.
   d) ACCESS DOORS/PANELS IN NON-RATED WALLS AT DWV PIPING CLEANOUTS: MILCOR #3202-026, FLUSH-MOUNT 14"X14", 16 GA STL FRAME W/ 14 GA STL FLUSH DOOR, KEY-LATCH LOCKABLE, WITH STANDARD FACE FRAME/FLANGE OR APPRVD EQUAL.



1 / A104 GROUND LEVEL GRAPHIC DIAGRAM OF FIRE RATING, USE GROUP, EGRESS
Scale: 1/16" = 1'-0"

No.	Date	Issue Notes
2	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION
	10/19/2023	client review

No.	Date	Revision	Dsnr	Zone	Appr
	12/6/2023	Revision			

Project No. 23703-culpeper
Drawing Date 12/6/2023
Drawing Code 000/000
Plot Date

Project Manager
Checked By
Drawn By
Designed By
Architect of Record

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Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
GRAPHIC PLAN DIAGRAMS
FIRE RATING, TRAVEL DISTANCE, OCCUP LOAD, ACCESS

Scale

Sheet No.
A104
of

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011462
ARCHITECT

SURVEY INFORMATION PROVIDED BY PIEDMONT LAND SURVEYORS OBO HINCH AND BAINES

1 / A200 EXISTING SITE PLAN
Scale: 1" = 30'-0"

Project Title: Culpeper County Community Pool Project, 16388 Competition Drive, Culpeper, VA

Design Firm: NORMAN SMITH ARCHITECTURE
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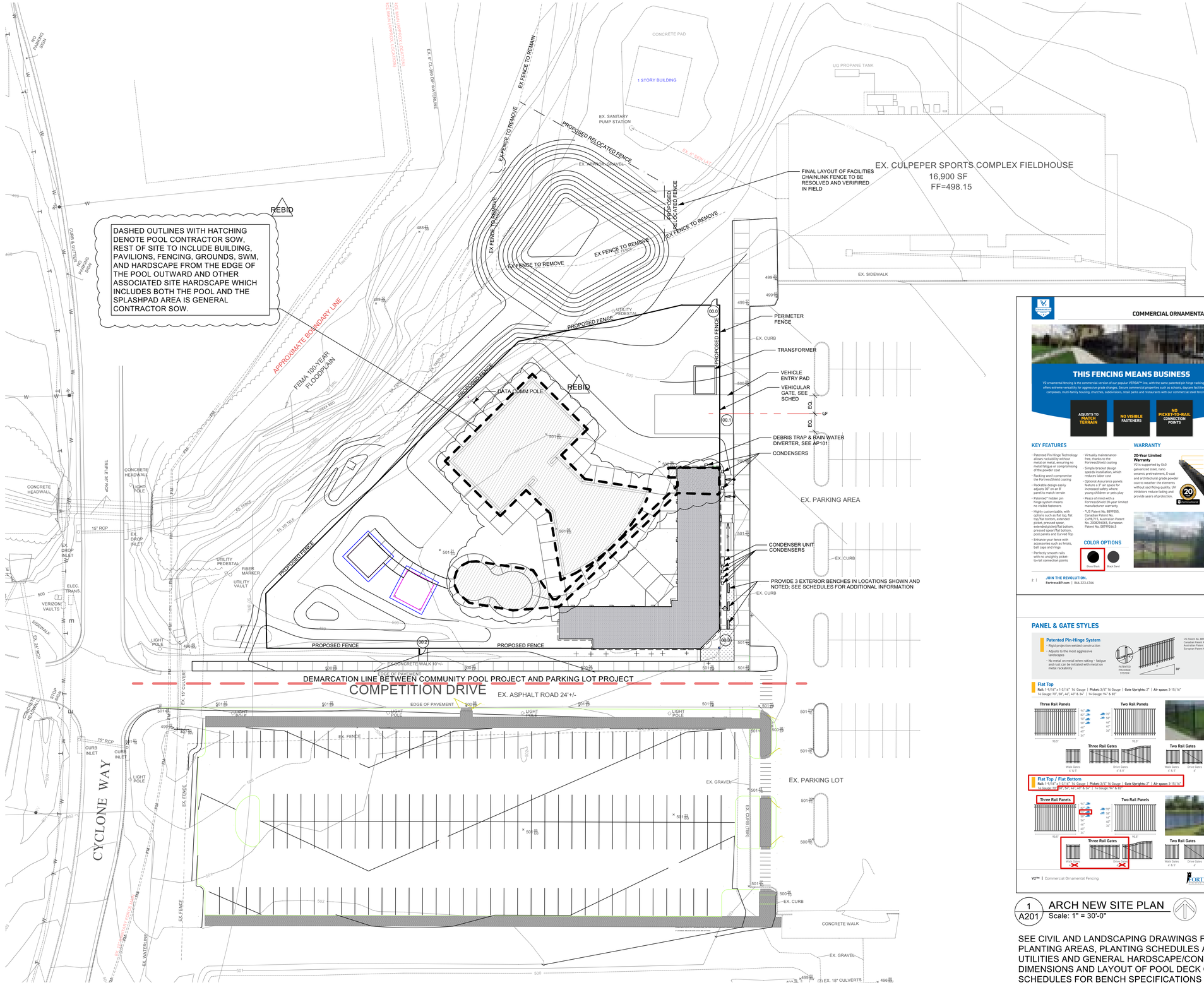
Designed By	
Drawn By	
Checked By	
Reviewed By	
Submitted By	
Project Manager	
Date	12/6/2023
Revision	Revision
Project ID	23703;culpeper
Drawing Code	Drawing Code
CAD File Name	
Plot Date	00/00/00
Consultant	

No.	Date	Issue Notes
1	1/3/2024	RELEASE FOR BID
	12/7/2023	PERMIT SUBMISSION

No.	Date	Revision Notes	Zone	Appr

Sheet Title: EXISTING SITE PLAN
Scale
Sheet No. A200 of



PERIMETER FENCING

B.O.D. IS FORTRESSBP V2 VERSAI COMMERCIAL ORNAMENTAL FENCING.

EMS/VEHICLE GATE IS FABRICATION BY FENCE VENDOR; REQUIRES SUBMITTAL; STANDARD ROLLING GATE WITH (1) 120" LEAF LONG OR (2)72" OPPOSING LEAVES. LOCKABLE HARDWARE WITH UNLOCKING FROM EXTERIOR; REQUIRES COMBINATION LOCK, KEYBOX OR SIMILAR FOR EMS ACCESS

EXIT GATE IS FABRICATION BY FENCE VENDOR; REQUIRES SUBMITTAL; STANDARD HINGED GATE WITH (1) 48" WIDE LEAF AND PANIC BAR AND SHIELD. ALSO SEE HARDWARE NOTES AND SCHEDULE. THIS GATE WILL REQUIRE FIELD WORK TO INSTALL THE PANIC BAR AND MAY REQUIRE FIELD-WELDING. A SUBMITTAL IS REQUIRED FOR BOTH THE GATE ITSELF AND THE PANIC HARWARE/SHIELD KIT. USE HARDWARE NOTE P; NOTE THAT THIS GATE INCLUDES SPRING HINGES. PANIC BAR AND SHIELD IS SPECIFIED ON HARDWARE SCHEDULE MARK P AND MAY BE PROVIDED BY FENCE FABRICATOR OR BY GC. SEE FENCING CUTSHEETS BELOW.

1 A201 ARCH NEW SITE PLAN
Scale: 1" = 30'-0"

SEE CIVIL AND LANDSCAPING DRAWINGS FOR DIMENSIONS AND LOCATIONS OF PLANTING AREAS, PLANTING SCHEDULES AND DETAILS, PARKING, SIDEWALKS, UTILITIES AND GENERAL HARDSCAPE/CONCRETE SITE FLATWORK. SEE A202 FOR DIMENSIONS AND LAYOUT OF POOL DECK CONCRETE FLATWORK. SEE SCHEDULES FOR BENCH SPECIFICATIONS

No.	Date	Revision Notes
12	1/3/2024	RELEASE FOR BID
11	12/7/2023	PERMIT SUBMISSION
10	11/15/2023	revised site plan
9	11/14/2023	splash pad & fence adjustment
8	10/25/2023	fence adjustment v.2
7	10/19/2023	client review
6	10/13/2023	REBID REVISIONS CLOUDED

Date	12/5/2023	No.	Date	Issue Notes		
Revision		12	1/3/2024	RELEASE FOR BID		
Project No.	23703.culpeper	11	12/7/2023	PERMIT SUBMISSION		
Scale		10	11/15/2023	revised site plan		
Drawn By	CJC/LA/Author	9	11/14/2023	splash pad & fence adjustment		
Checked By		8	10/25/2023	fence adjustment v.2		
Approved By		7	10/19/2023	client review		
Plot Date	00/0/000	6	10/13/2023	REBID REVISIONS CLOUDED		

Project Manager

Consultant

Project For
Culpeper County
Community Pool Project
16386 Competition Drive
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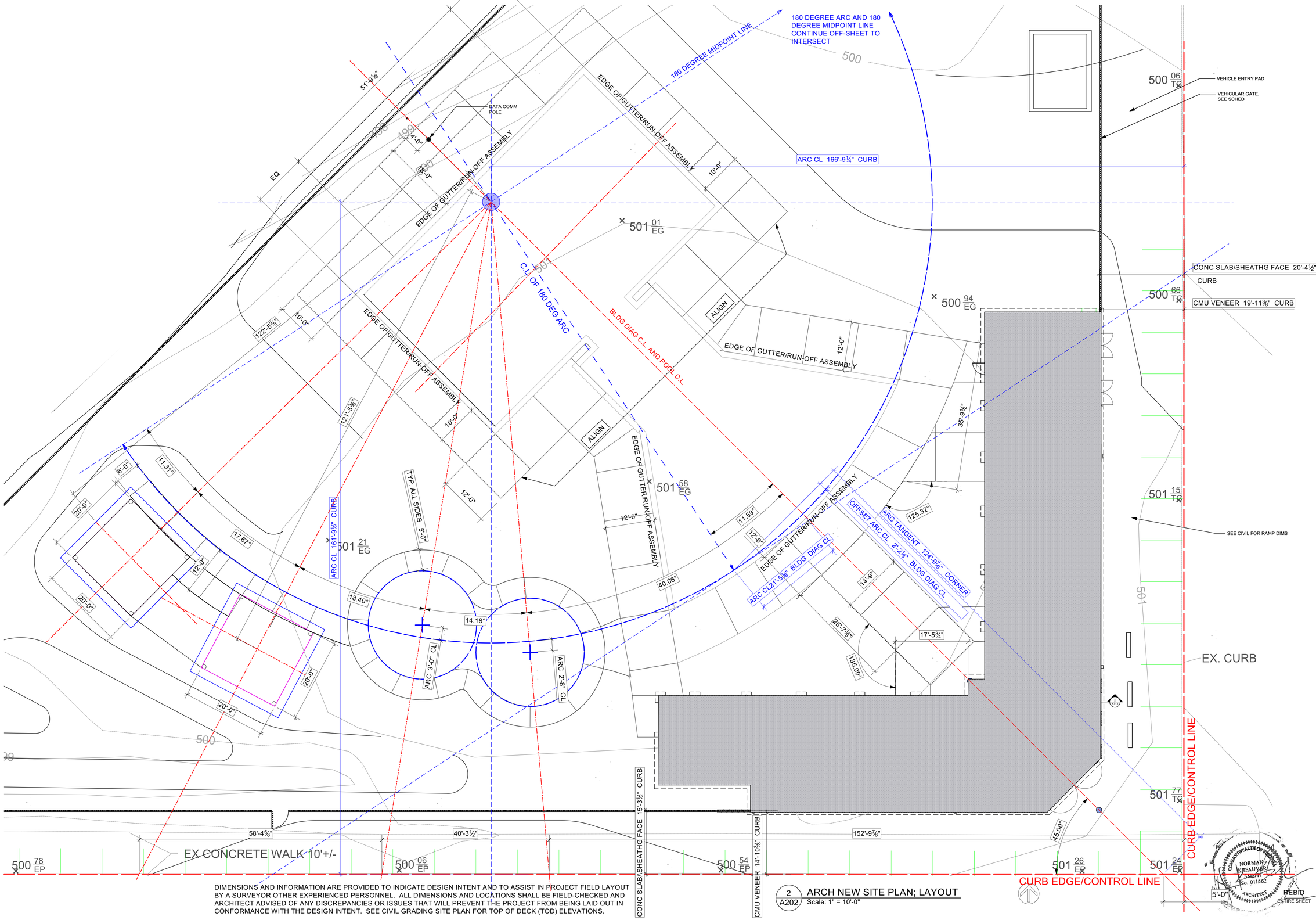
Sheet Title
ARCH NEW SITE PLAN

Sheet No.
A201
of

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT



DIMENSIONS AND INFORMATION ARE PROVIDED TO INDICATE DESIGN INTENT AND TO ASSIST IN PROJECT FIELD LAYOUT BY A SURVEYOR OTHER EXPERIENCED PERSONNEL. ALL DIMENSIONS AND LOCATIONS SHALL BE FIELD-CHECKED AND ARCHITECT ADVISED OF ANY DISCREPANCIES OR ISSUES THAT WILL PREVENT THE PROJECT FROM BEING LAID OUT IN CONFORMANCE WITH THE DESIGN INTENT. SEE CIVIL GRADING SITE PLAN FOR TOP OF DECK (TOD) ELEVATIONS.

2 A202 ARCH NEW SITE PLAN; LAYOUT
Scale: 1" = 10'-0"

No.	Date	Issue Notes
	1/3/2024	RELEASE FOR BID
	12/7/2023	PERMIT SUBMISSION

Date	12/6/2023
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Project No.	23703.culpeper
Drawing Date	
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Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Project Title

ARCH ENLARGED NEW SITE PLAN

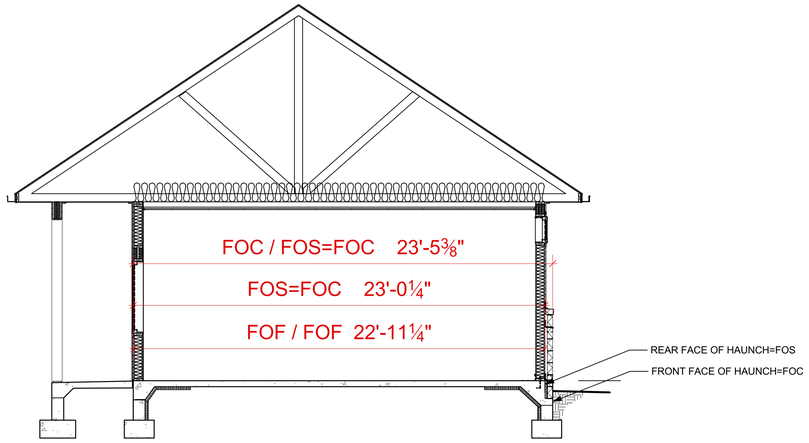
Sheet Title

Scale

Sheet No.

A202

REBID ENTIRE SHEET



2 / A300 BLDG SECT WITH DIMS, TYP.THRU CLASSROOM

Scale: 1/4" = 1'-0"

1 / A300 ARCH FLOOR PLAN - SLAB

Scale: 1/8" = 1'-0"

NOTE: SEE SHEET A/603 FOR PAVILION SLAB INFORMATION

NOTE: ALL DIMENSIONS ARE TO FACE OF CONCRETE (FOC) U.O.N.

GENERAL LAYOUT NOTE;

SEE STRUCTURAL DRAWINGS FOR ADDITIONAL SLAB INFORMATION AND REINFORCEMENT. USE BOTH ARCHITECTURAL AND STRUCTURAL PLANS FOR CONSTRUCTION BUT ARCH DIMENSIONS TAKE PRECEDENCE OVER ANY STRUCTURAL DIMENSIONS. NOTIFY ARCHITECT IMMEDIATELY AND BEFORE PROCEEDING WITH THE WORK, OF ANY DISCREPANCIES BETWEEN STRUCTURAL AND ARCHITECTURAL.

DIMENSIONS LABELED FOC ARE TO FACE OF CONCRETE WHICH CAN BE TO THE REAR OF THE VENEER LEDGE/HAUNCH OR TO THE FRONT WHICH EQUALS THE OUTSIDE FOUNDATION WALL FACE. FOS DIMENSIONS ARE TO FACE OF SHEATHING; NOTE THAT SHEATHING FACE ALIGNS WITH REAR VENEER HAUNCH FACE.

No.	Date	Issue Notes
1	6/28/2023	client review
2	10/6/2023	client review
3	10/19/2023	ARB review
4	12/7/2023	PERMIT SUBMISSION
	1/3/2024	RELEASE FOR BID

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Drawing Title	Drawing Cover
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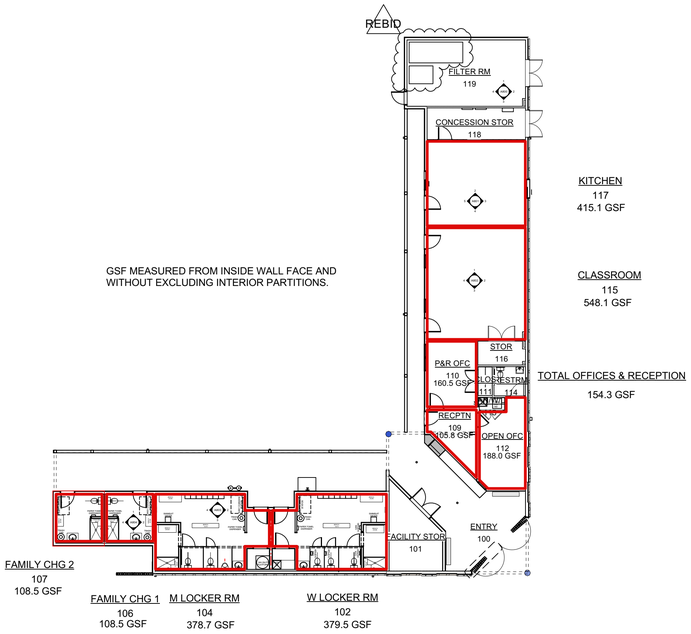
Project Title
ARCH FLOOR PLANS - SLAB

Scale

Sheet No.
A300
of

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT



2 GSF FOR CALCULATING OCCUPANT LOAD

A301

Scale: 1/16" = 1'-0"

WALL TYPE NOTES:

SEE DETAILS FOR EXTERIOR WALL TYPES AND MATERIAL INFORMATION AND SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

1. EXTERIOR WALLS SHALL BE 2X6 @ 16" OC WOOD STUD CONSTRUCTION WITH PT BTM PLATE, U.O.N.

2. LOCKER ROOM PLUMBING WALLS SHALL BE 2X6 @ 16" OC WOOD STUD CONSTRUCTION WITH A 2X4 @16" OC WOOD STUD CONSTRUCTION FURRED WALL HELD A MAXIMUM OF ½" INSIDE THE INTERIOR 2X6 WALL STUD FACE TO MAINTAIN PLUMB, IF NEEDED; FURRED WALL SHOULD BE HELD TIGHT TO 2X6 STUD FACE IF 2X6 WALL PLUMB IS CORRECT.

3. PROVIDE 2X4, OR SIZE AS NECESSARY, IN-WALL BLOCKING FOR ALL PLUMBING FIXTURES, EQUIPMENT AND COMPONENTS SHOWN AND NOTED.

4. WALLS OF CONDITIONED SPACES THAT ARE ADJACENT TO NON-CONDITIONED SPACES SHALL BE 2X6 @ 16" OC WOOD STUD CONSTRUCTION WITH PT BTM PLATE, U.O.N.

5. ALL BOTTOM PLATES OF ALL WALLS, INTERIOR AND EXTERIOR, SHALL BE PT

6. INTERIOR WALLS, IF NOT OTHERWISE NOTED, SHALL BE 2X4 @ 16" OC WOOD STUD CONSTRUCTION WITH PT BTM PLATE.

7. PROVIDE SOUND BATT INSULATION IN WALLS 1) BETWEEN FAMILY CHANGING ROOMS; 2) BETWEEN FAMILY CHANGING ROOM #1 AND MENS' LOCKER ROOM; AND BETWEEN LOCKER ROOMS.

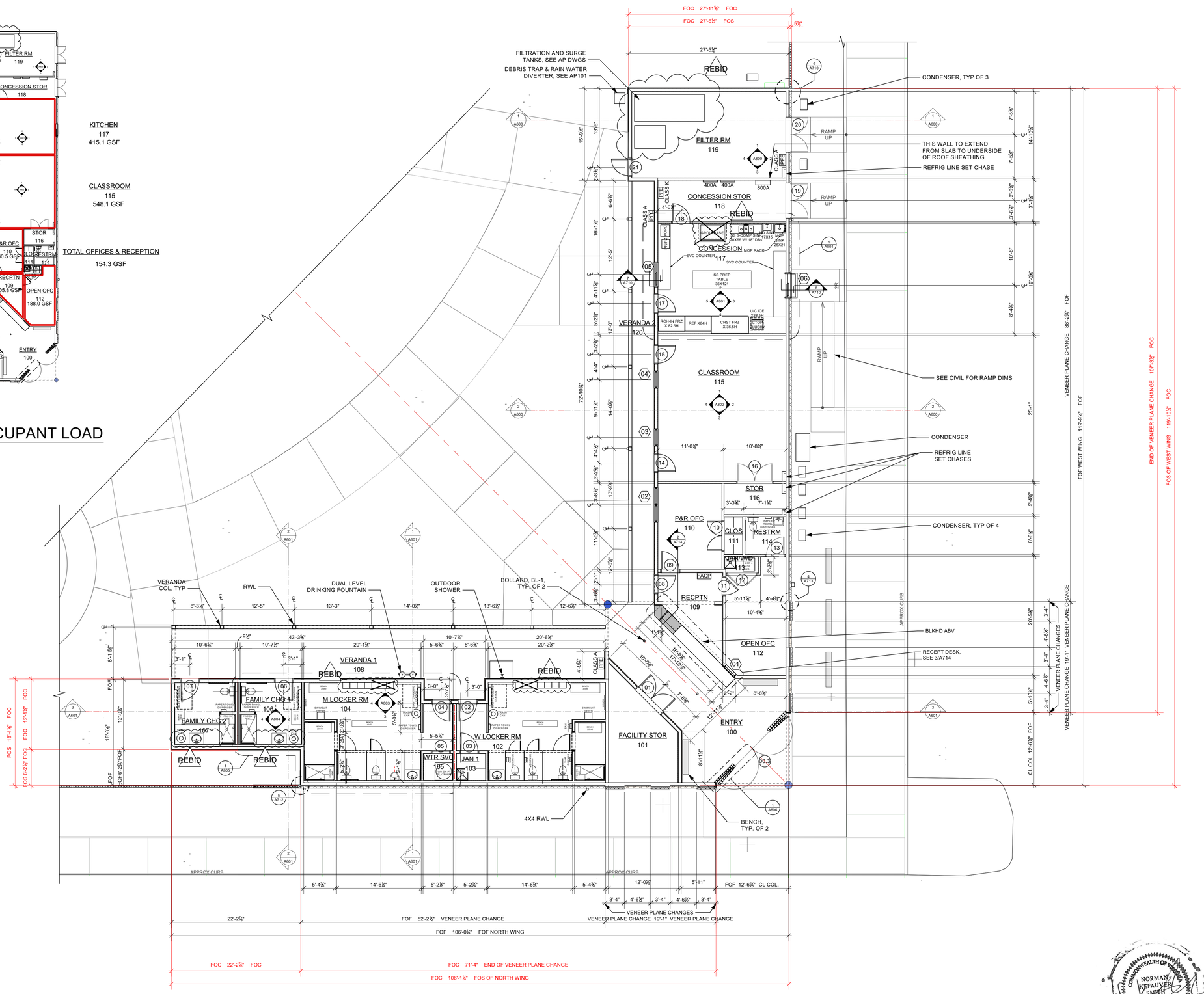
8. PLUMBING WALL BETWEEN FAMILY ROOMS SHALL BE 2X4 @ 16" OC WOOD STUD CONSTRUCTION WITH 5/8" WR GPDW. ASSEMBLY AT EACH SIDE.

DIMENSION LAYOUT NOTE GROUND LEVEL:

LAYOUT OF WALLS SHOULD BE AS FOLLOWS: HOLD EXTERIOR WALL FACE SHEATHING TO ALIGN WITH REAR OF VENEER LEDGE HAUNCH PER DETAILS; AT VERANDA SIDE, HOLD FACE OF SHEATHING TO ALIGN WITH OUTSIDE EDGE OF CONCRETE FOUNDATION WALL PER THE DETAILS. NOTE THAT THIS MAY RESULT IN A GAIN OF APPROX. 3/4" ON INTERIOR SIDE-TO-SIDE DIMENSIONS SINCE A 3/4" AIR SPACE WAS ORIGINALLY ALLOWED FOR BEHIND CLADDING BUT IS NO LONGER BEING USED. ALL DIMENSIONS SHALL BE VIF BEFORE FRAMING AND ARCHITECT NOTIFIED OF ANY DISCREPANCIES/ISSUES. IN PARTICULAR, ENSURE THAT INTERIOR ACCESSIBILITY DIMENSIONS ARE MET OR EXCEEDED.

PLAN NOTE:

EQUIVALENT DRYER EXHAUST DUCT LENGTH FOR STAFF DRYER CANNOT BE GREATER THAN 35'. LONGER DUCT LENGTHS CAN BE ALLOWED IF PERMITTED IN THE DRYER INSTALLATION OPERATION MANUAL. MAXIMUM ALLOWED EQUIVALENT DRYER EXHAUST DUCT LENGTH FOR THIS PROJECT IS 50'. A SIGN NOTING THIS REQUIREMENT, AS NOTED IN THE MECHANICAL DRAWINGS, SHALL BE POSTED WITHIN THE SPACE.



1 ARCH FLOOR PLAN - GROUND LEVEL

A301

Scale: 1/8" = 1'-0"

NORMAN KEFAUVER SMITH
No. 011462

No.	Date	Revision Notes	Zone	Appr
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No.	Date	Issue Notes
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4	11/2/2023	updated underlay
3	10/19/2023	client review
2	10/5/2023	AE DD Review
1	6/28/2023	client review

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Drawn By	Revision Revision
Checked By	Project ID 23703;culpeper
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Submitted By	CAD File Name
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Community Pool Project
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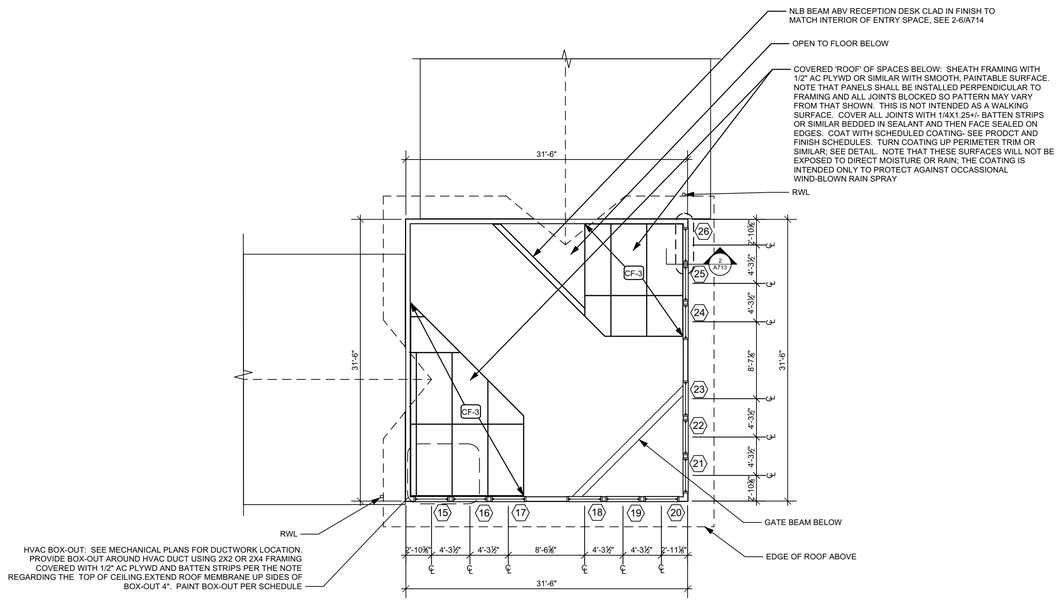
Sheet Title
ARCH FLOOR PLANS - GROUND LEVEL

Scale

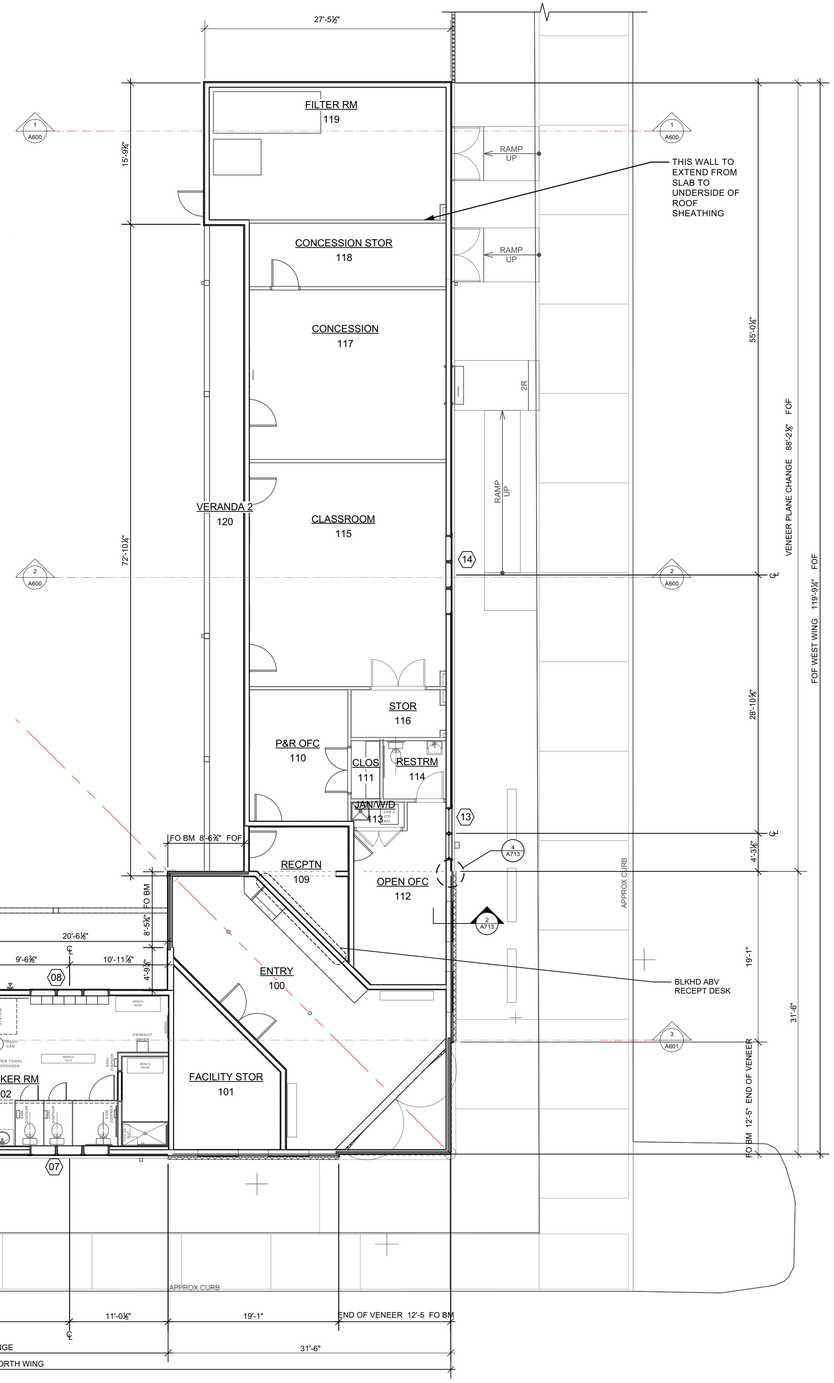
Sheet No.
A301
of



1 A302 ARCH FLOOR PLAN - UPPER WALL LEVEL

Scale: 1/8" = 1'-0"

NOTE: WINDOW LAYOUT IS BASED ON 1X12 CORNER BOARDS RETURNING CORNERS; SEE DETAILS



2 A302 ARCH FLOOR PLAN - MID LEVEL

Scale: 1/8" = 1'-0"

NOTE: PLAN CUT IS TAKEN AT APPROX. 8'-9" ABOVE TOS/FF AT THE VERTICAL CL OF THE WINDOWS

No.	Date	Issue Notes
5	1/3/2024	RELEASE FOR BID
4	12/7/2023	PERMIT SUBMISSION
3	11/2/2023	updated underley
2	10/19/2023	client review
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	9/28/2023	client review

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Project ID	23303.sixtyeight
Drawing Date	Drawing Date
Scale	As Noted
Plot Date	00/00/00

Project Lead: Drawn By: Reviewed By: Approved By: Project Manager:

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Sheet Title: ARCH FLOOR PLANS - GROUND LEVEL

Sheet No.: A302 of

COMMONWEALTH OF VIRGINIA NORMAN KEFAUVER SMITH No. 011602 ARCHITECT

CALCULATIONS BASED ON SMACNA 'DESIGN OF ROOF DRAINAGE SYSTEMS'

FROM CHART 1 - DESIGN AREAS FOR PITCHED ROOFS:
8:12 WINGS 1.10
9.6:12 ENTRY 1.20

FROM CHART 2 - DRAINAGE FACTOR: 130 SF

ENTRY
1367 SF PLAN AREA
x 1.20
1640 SF DESIGN AREA

1640 / 4 = 410 SF

- RAINFALL INTENSITY FROM CHART 2, COL A IS 9".
- LENGTH OF GUTTER IS 37'
- MIN. RATIO OF GUTTER DEPTH TO WIDTH IS 3 TO 4 OR .75
- 9 (COL C CHART2) X 410 = 3690 IA = 3690 [RAINFALL INTENSITY X AREA]
- WIDTH OF GUTTER IS 5", [5 X .75 MIN. = 3.75"] DEPTH OF GUTTER IS 3.75"

WEST WING NORTHSIDE

1349.6 SF PLAN AREA
x 1.10
1484.56 SF DESIGN AREA

1486.56 / 4 = 371.14

- RAINFALL INTENSITY FROM CHART 2, COL A IS 9"
- LENGTH OF GUTTER (WEST END OF WING) IS 35'
- MIN. RATIO OF GUTTER DEPTH TO WIDTH IS 3 TO 4 OR .75
- 9 (COL C CHART2) X 371.14 = 3340 IA = 3340 [RAINFALL INTENSITY X AREA]
- WIDTH OF GUTTER IS 4", [4 X .75 MIN. = 3"] DEPTH OF GUTTER IS 3"

NORTH WING WESTHSIDE

1564 SF PLAN AREA
x 1.10
1720.4 SF DESIGN AREA

1720.4 / 4 = 430.1

- RAINFALL INTENSITY FROM CHART 2, COL A IS 9"
- LENGTH OF GUTTER (SOUTH END OF WING) IS 59'
- MIN. RATIO OF GUTTER DEPTH TO WIDTH IS 3 TO 4 OR .75
- 9 (COL C CHART2) X 430.1 = 3871 IA = 3871 [RAINFALL INTENSITY X AREA]
- WIDTH OF GUTTER IS 5", [5 X .75 MIN. = 3.75"] DEPTH OF GUTTER IS 3.75"

RWL SIZE

748 SF / 130 SF = 5.75 SI PER SF OF ROOF DRAINED.

EACH RWL SHOULD HAVE A MIN OF 5.75 SI OF AREA.

2X3 STANDARD PLAIN RECTANGULAR RWL.

UPSIZE TO APPROXIMATELY 3X4.

NOTES:
1. ALL RAIN GUTTERS TO BE 3.75" X 5", SMACNA RECTANGULAR TYPE A.

2. ALL RWLs TO BE 3" X 4" EXCEPT WING ROOF RWLs RECEIVING ENTRY ROOF DISCHARGE AT EAST AND SOUTH WHICH SHALL BE 4"X 4".

3. SEE A603 FOR RAIN GUTTERS AND RWLs FOR PAVILION.

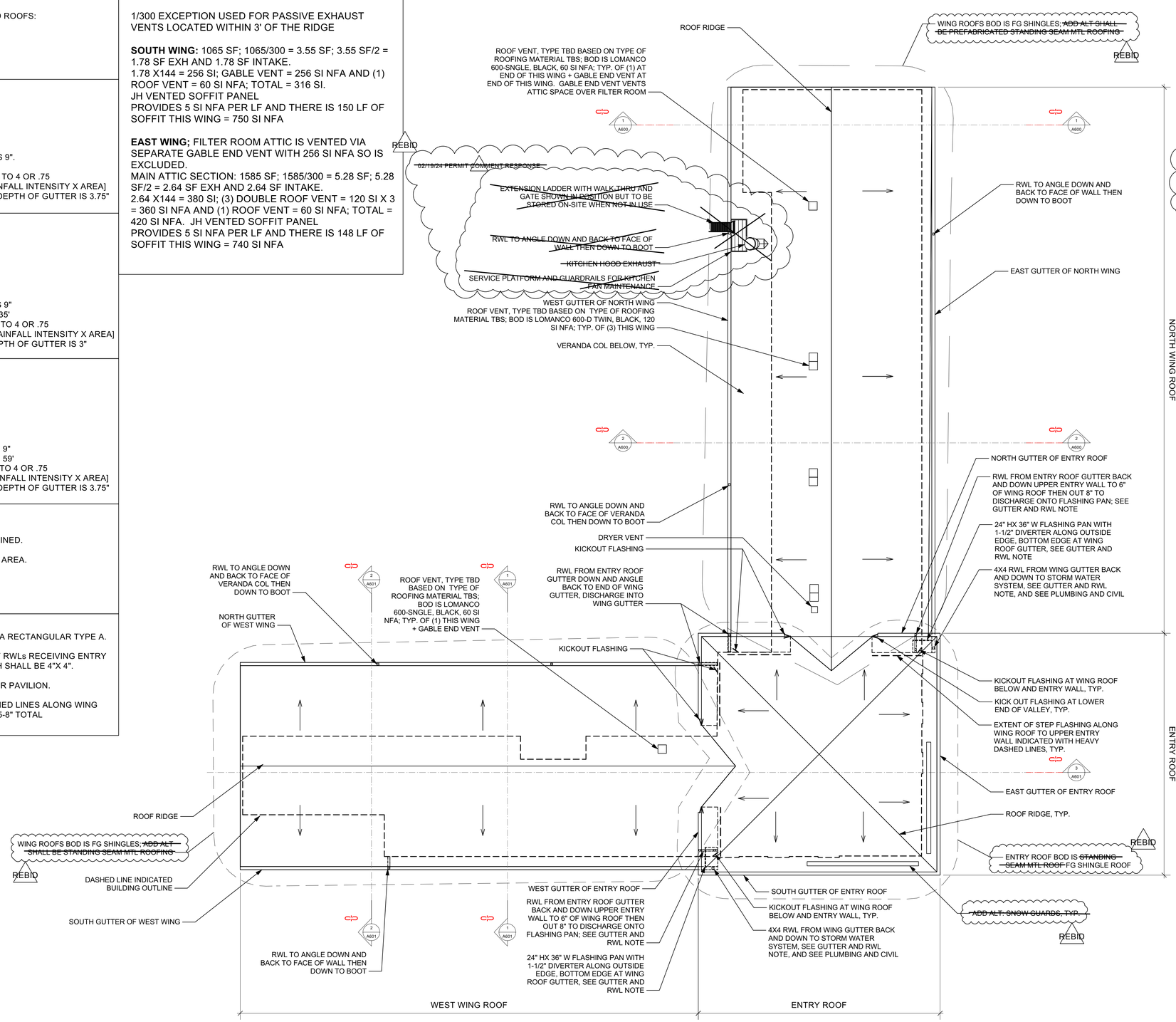
4. STEP FLASHING INDICATED BY HEAVY DASHED LINES ALONG WING ROOFS AND UPPER ENTRY WALLS, APPROX. 35-8" TOTAL

ATTIC VENT AREA CALCULATION IN ACCORDANCE WITH 2018 VCC, #1202:

1/300 EXCEPTION USED FOR PASSIVE EXHAUST VENTS LOCATED WITHIN 3' OF THE RIDGE

SOUTH WING: 1065 SF; 1065/300 = 3.55 SF; 3.55 SF/2 = 1.78 SF EXH AND 1.78 SF INTAKE.
1.78 X144 = 256 SI; GABLE VENT = 256 SI NFA AND (1) ROOF VENT = 60 SI NFA; TOTAL = 316 SI.
JH VENTED SOFFIT PANEL
PROVIDES 5 SI NFA PER LF AND THERE IS 150 LF OF SOFFIT THIS WING = 750 SI NFA

EAST WING; FILTER ROOM ATTIC IS VENTED VIA SEPARATE GABLE END VENT WITH 256 SI NFA SO IS EXCLUDED.
MAIN ATTIC SECTION: 1585 SF; 1585/300 = 5.28 SF; 5.28 SF/2 = 2.64 SF EXH AND 2.64 SF INTAKE.
2.64 X144 = 380 SI; (3) DOUBLE ROOF VENT = 120 SI X 3 = 360 SI NFA AND (1) ROOF VENT = 60 SI NFA; TOTAL = 420 SI NFA. JH VENTED SOFFIT PANEL
PROVIDES 5 SI NFA PER LF AND THERE IS 148 LF OF SOFFIT THIS WING = 740 SI NFA



1 A310 ARCH ROOF PLAN
Scale: 1/8" = 1'-0"

GUTTER AND RWL NOTE:

THE RWL FROM THE UPPER ENTRY LEVEL ROOF SHALL ANGLE BACK AT APPROX 45 DEGREES TO THE ENTRY WALL AND EXTEND DOWN THE CORNER OF THAT WALL, APPROX 6" ABOVE THE ROOF ENTRY RWL SHALL ELBOW OUT AT APPROX 22 DEG AND EXTEND APPROX 8" OVER THE FLASHING PAN SO THAT THE RWL DISCHARGE FANS OUT ACROSS THE PAN AND DRAINS TO THE LOWER GUTTER. THE FLASHING PAN IS PART OF THE BASE SOW FOR THE BASE FG SHINGLES. THE FLASHING PAN IS INTENDED TO TAKE AND DISTRIBUTE THE RWL DISCHARGE AND PREVENT SHINGLE DETERIORATION. THE PAN SHALL BE 24"H (EXTENDING UP THE SLOPE) AND 36" WIDE; BOTH DIMENSIONS ARE TO THE WEATHER. EXTEND THE PAN UNDER THE SHINGLES AT THE TOP A MINIMUM OF 12" AND SEAL. EXTEND THE PAN A MINIMUM OF 12" UNDER THE SHINGLES ON THE SIDE AND SEAL AND PROVIDE A 1.5" H DIVERTOR ALONG THIS SIDE TO KEEP DISCHARGE FROM OVERTOPPING THE PAN. EXTEND THE PAN UP THE ENTRY WALL A MINIMUM OF 8" AND AN ADDITIONAL 4" UNDER THE CLADDING. PROVIDE ANGLED KICK-OUT FLASHING ABOVE WALL CORNER AS PART OF THE PAN TO RE-DIRECT ROOF DRAINAGE AWAY FROM CORNER.

THE LOWER WING GUTTER SHALL ELBOW BACK TO THE WALL PER TYPICAL PRACTICE (AND AS NOTED IN THE SPECIFICATIONS FOR ANGLE). ~~IF BUILDING ALTERNATE #1 FOR PREFABRICATED ROOF IS SELECTED, THE ROOF SUBCONTRACTOR SHALL PROVIDE A MANUFACTURERS DETAIL TO CREATE A SIMILARLY SIZED AND CONFIGURED PAN THAT DOES NOT HAVE BATTEN SEAMS THAT RESTRICT WATER FLOW.~~

REBID

THE RWLs ARE SIZED AT 2X3 PER SMACNA AND UP-SIZED TO 3X4 FOR SAFETY. THE GUTTER OUTLET AND RWL DISCHARGE SIZE IN LOCATIONS WHERE THE ENTRY ROOF DISCHARGES TO THE LOWER GUTTER SHALL BE 4" SQUARE OR SIMILAR TO FIT THE 4" DIAM STORM FITTING.

No.	Date	Issue Notes
	2/19/2024	PERMIT COMMENT RESPONSE
	1/3/2024	RELEASE FOR BID
	12/7/2023	PERMIT SUBMISSION
	11/2/2023	updated underlay
	10/30/2023	gutters & RWLs info to MEP
	10/10/2023	Permit Review
	10/5/2023	AE DD Review

No.	Date
	3/29/2024

REBID REVISIONS CLOUDED

Revised By	Date	Revision
Issued By	1/10/2024	Revision
Checked By	Project #	2303-culpeper
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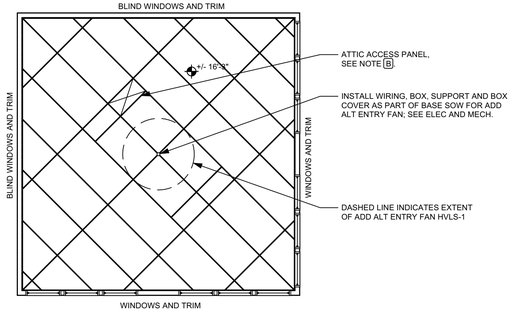
Sheet Title: ARCH ROOF PLAN

Scale

Sheet No.: A310 of

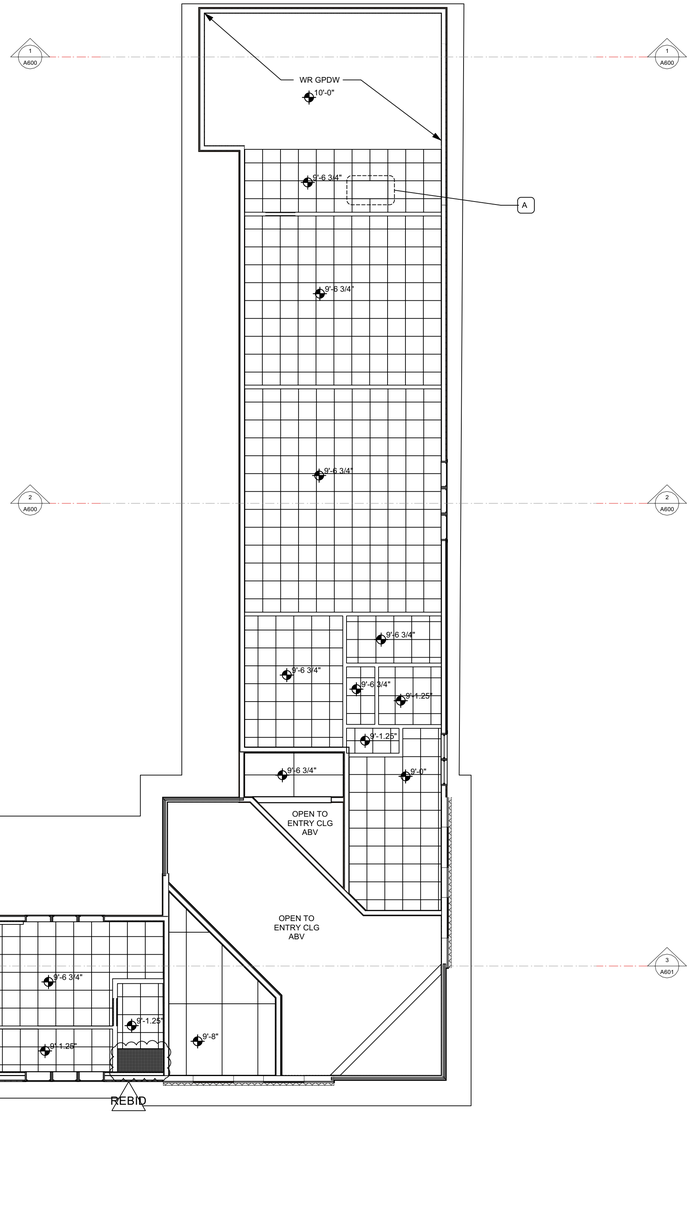
NORMAN J. SCHAUVER SMITH No. 011662 ARCHITECT COMMONWEALTH OF VIRGINIA



FURRING NOTE: JH HARDIE PANEL CEILING SHALL BE INSTALLED IN PATTERN AND ORIENTATION SHOWN OVER 2X4 FURRING STRIPS ATTACHED TO THE BOTTOM CHORD OF THE TRUSSES WITH (2) HI-THREAD X 3" GALV/COATED BUGLE HEAD SCREW PER FURRING STRIP AT EACH BOTTOM CHORD. INSTALL FURRING STRIPS ACROSS TRUSSES AT 90 DEGREES TO THE LONG DIMENSION SHOWN ON THE RCP LAYOUT AND SPACED 16" OC. MAXIMUM SPAN, AT AN ANGLE, BETWEEN TRUSSES SHALL NOT EXCEED 40".

2 / A400 — REFLECTED CEILING PLAN AT ENTRY

Scale: 1/8" = 1'-0"



REBID SHOWER TILE NOTE: *DELETE ALL WALL AND CEILING TILE WITHIN SHOWER AREAS. REPLACE WITH SPECIFIED FRP PANELS AND TRIM INSTALLED OVER JH HARDIBACKER ON THE WALLS AND CEILING. PROVIDE NOTED SEALANT AT MATERIAL INTERSECTIONS.*

1 / A400 — REFLECTED CEILING PLAN

Scale: 1/8" = 1'-0"

NOTE: SEE ALSO ELECTRICAL AND MECHANICAL DRAWINGS FOR CEILING EQUIPMENT AND ITEMS. MECHANICAL COMPONENTS LAYOUT IN CEILING SHALL TAKE PRECENDECE OVER ELECTRICAL CONNECTIONS SHOWN FOR SAME.

NOTES:

A. PROVIDE 24X48 DROP-DOWN, HINGED ACCESS PANEL STEEL FRAME UNIT, SIMILAR TO BEST ACCESS DOORS #BA-KSTE-24-48, IN (2) APPROXIMATE LOCATIONS SHOWN AND NOTED ON THE RCP. NOTE THAT THESE LOCATIONS SHALL BE VIF AND MAY REQUIRE SOME ADJUSTMENT TO ACCOMMODATE ROOF TRUSS LAYOUTS. GC SHALL REVIEW THE TRUSS LAYOUT AND RCP LAYOUT AND ADVISE ARCHITECT OF ANY COORDINATION ISSUES THAT REQUIRE ADJUSTMENT. ON THE CLASSROOM WING ATTIC AND ALONG THE SOUTH SIDE OF THE LOCKER WING, PROVIDE A WALKBOARD/ACCESS PATH FROM THE ACCESS PANEL TO THE HVAC SYSTEM EXHAUST FANS USING ATTIC DECK FLOORING PANELS, OR SIMILAR, ARRANGED TO CREATE AN ELEVATED WALKWAY FROM THE ACCESS HATCH TO THE EQUIPMENT AND RAISED ABOVE THE ATTIC DUCTWORK, AS NECESSARY. THE ATTIC DECK SECTIONS CAN BE INSTALLED USING (2) 2X4/2X6 CLEATS SCREW-ATTACHED TO THE SIDE OF THE BOTTOM TRUSS CHORD WITH (MIN 3) LEDGER-LOCK TYPE SCREWS, SPACED AT 24" OC AND OF SUFFICIENT HEIGHT TO CLEAR DUCTWORK. SPAN ACROSS CLEATS USING 2X4 AT SAME SPACING AND SCREW ATTACH TO CLEATS WITH (2) LEDGER LOCK SCREWS. THIS CONDITION MUST BE VIF TO DETERMINE THE MOST EFFECTIVE AND EFFICIENT ROUTE TO CONNECT THE APS AND THE EQUIPMENT. PROVIDE A 24"X24" LANDING IN FRONT OF THE HVAC EQUIPMENT ABOVE THE CLASSROOM ON THE EQUIPMENT SERVICE SIDE. ALTERNATE WALKPAD DESIGN IS TO USE THE SAME CLEATS AND PROVIDE 16" WIDE STRIPS OF ¾" OSB/PLYWOOD ATTACHED TO AND SPANNING BETWEEN CLEATS.

B. PROVIDE MINIMUM 24X48 ACCESS PANEL (AP) IN CEILING FOR ATTIC ACCESS; PANEL MAY BE THE WIDTH OF A HARDIE PANEL SHEET AND 24" LONG IF LAYOUT IS SIMPLER TO ACCOMPLISH THAT WAY. ACCESS PANEL SHALL BE FABRICATED FROM JH HARDIE PANEL SCREWED AND GLUED TO 3/8" OSB BACKER PANEL AND SET INTO CEILING HARDIE PANEL GRID LAYOUT. TRIM AP WITH MATCHING JH FC 1X3 TRIMS WHICH SHALL LAP THE REMOVEABLE AP AND PROVIDE SUPPORT FOR IT. SINCE THIS SPACE IS NOT INSULATED, NO INSULATION ABOVE IS REQUIRED. PROVIDE 2X4 CLEATS/NAILER/N.L.B HEADERS, AROUND PERIMETER OF PANEL, AS NECESSARY TO GIVE PANEL ADEQUATE BACK-UP SUPPORT.

No.	Date	Revision Notes	Zone	App'r
5	1/3/2024	RELEASE FOR BID		
4	12/7/2023	PERMIT SUBMISSION		
3	11/6/2023	updated site/key		
2	10/17/2023	client review		
1	10/11/2023	cdp hedgs for elec eng		

Issue Notes

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Revision	Revision
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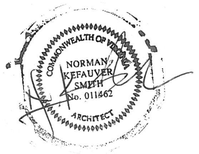
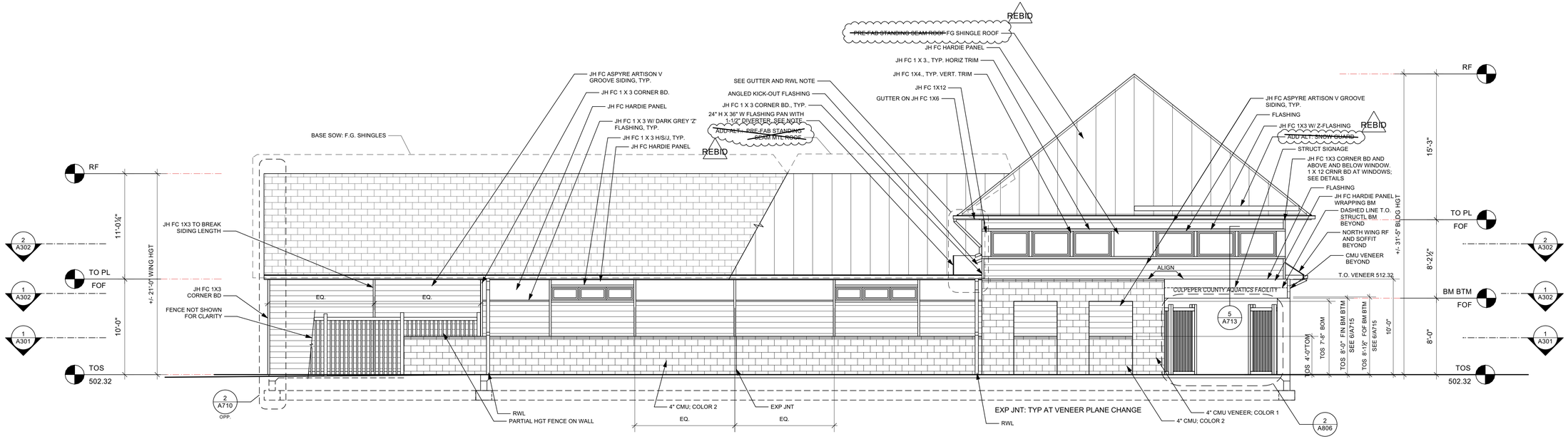
Sheet Title
REFLECTED CEILING PLAN

Scale

Sheet No.
A400
of





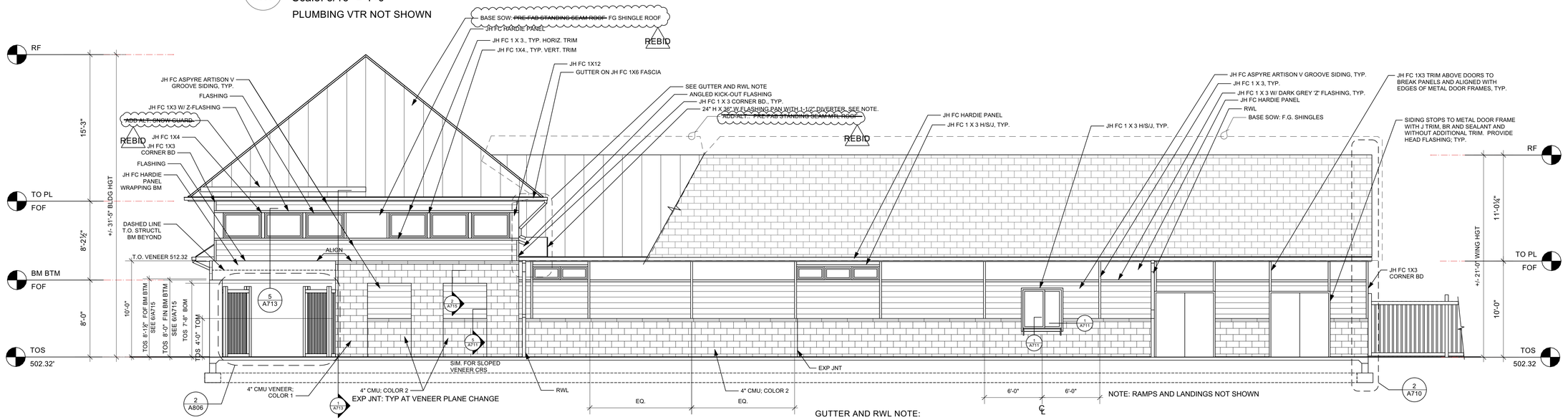
1 A500

SOUTH EXTERIOR ELEVATION

Scale: 3/16" = 1'-0"

PLUMBING VTR NOT SHOWN

NOTE: TOP OF VENEER WALL HAS 3.625" THICK CMU SLOPED STRETECHER COURSE SET AT 48" ABOVE 502.32 T.O.S. OR 506.32. (7) NOMINAL COURSES DOWN CREATES 12" HIGH VENEEER HAUNCH IN SLAB/STEM WALL WITH HAUNCH BOTTOM AT 501.32.



2 A500

EAST EXTERIOR ELEVATION

Scale: 3/16" = 1'-0"

PLUMBING VTR NOT SHOWN.

ELEVATION GRADE LINE SHOWN IS APPROXIMATE AND DOES NOT INDICATE FINAL GRADE, RAMPS AND STAIRS; SEE CIVIL FOR ADDITIONAL INFORMATION.

NOTE: RAMPS AND LANDINGS NOT SHOWN

VENEER NOTES:
TOP OF VENEER WALL ALONG WING HAS 3.625" THICK CMU SLOPED STRETCHER COURSE SET AT 48" ABOVE 502.32 T.O.S. OR 506.32. (7) NOMINAL COURSES DOWN CREATES 12" HIGH VENEEER HAUNCH IN SLAB/STEM WALL WITH HAUNCH BOTTOM AT 501.32.

TOP OF VENEER AT ENTRY HAS 3.625" THICK CMU SLOPED STRETCHER COURSE SET AT 10' ABOVE 502.32 T.O.S. OR 510.32. (16) NOMINAL COURSES DOWN CREATES 12" HIGH VENEER HAUNCH IN SLAB/STEM WALL WITH HAUNCH BOTTOM AT 501.32.

GUTTER AND RWL NOTE:

THE RWL FROM THE UPPER ENTRY LEVEL ROOF SHALL ANGLE BACK AT APPROX 45 DEGREES TO THE ENTRY WALL AND EXTEND DOWN THE CORNER OF THAT WALL. APPROX 6" ABOVE THE ROOF ENTRY RWL SHALL ELBOW OUT AT APPROX 22 DEG AND EXTEND APPROX 8" OVER THE FLASHING PAN SO THAT THE RWL DISCHARGE FANS OUT ACROSS THE PAN AND DRAINS TO THE LOWER GUTTER. THE FLASHING PAN IS PART OF THE BASE SOW FOR THE BASE FG SHINGLES. THE FLASHING PAN IS INTENDED TO TAKE AND DISTRIBUTE THE RWL DISCHARGE AND PREVENT SHINGLE DETERIORATION. THE PAN SHALL BE 24"H (EXTENDING UP THE SLOPE) AND 36" WIDE; BOTH DIMENSIONS ARE TO THE WEATHER. EXTEND THE PAN UNDER THE SHINGLES AT THE TOP A MINIMUM OF 12" AND SEAL. EXTEND THE PAN A MINIMUM OF 12" UNDER THE SHINGLES ON THE SIDE AND SEAL AND PROVIDE A 1.5" H DIVERTOR ALONG THIS SIDE TO KEEP DISCHARGE FROM OVERTOPPING THE PAN. EXTEND THE PAN UP THE ENTRY WALL A MINIMUM OF 8" AND AN ADDITIONAL 4" UNDER THE CLADDING. PROVIDE ANGLED KICK-OUT FLASHING ABOVE WALL CORNER AS PART OF THE PAN TO RE-DIRECT ROOF DRAINAGE AWAY FROM CORNER.

~~THE LOWER WING GUTTER SHALL ELBOW BACK TO THE WALL PER TYPICAL PRACTICE (AND AS NOTED IN THE SPECIFICATIONS FOR ANGLE) IF BUILDING ALTERNATE #1 FOR PREFABRICATED ROOF IS SELECTED, THE ROOF SUBCONTRACTOR SHALL PROVIDE A MANUFACTURER'S DETAIL TO CREATE A SIMILARLY SIZED AND CONFIGURED PAN THAT DOES NOT HAVE BATTEN SEAMS THAT RESTRICT WATER FLOW.~~ REBID

THE RWLs ARE SIZED AT 2X3 PER SMACNA AND UP-SIZED TO 3X4 FOR SAFETY. THE GUTTER OUTLET AND RWL DISCHARGE SIZE IN LOCATIONS WHERE THE ENTRY ROOF DISCHARGES TO THE LOWER GUTTER SHALL BE 4" SQUARE OR SIMILAR TO FIT THE 4" DIAM STORM FITTING.

No.	Date	Revision Notes
3	1/3/2024	RELEASE FOR BID
2	12/7/2023	PERMIT SUBMISSION
1	10/5/2023	AE DD Review

Date	12/6/2023
Revision	
Project No.	23703.culpeper
Drawing Title	Drawing Code
CAD File Name	
Plot Date	00/00/00
Drawn By	
Checked By	
Submitted By	
Project Manager	

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NORMAN SMITH ARCHITECTURE
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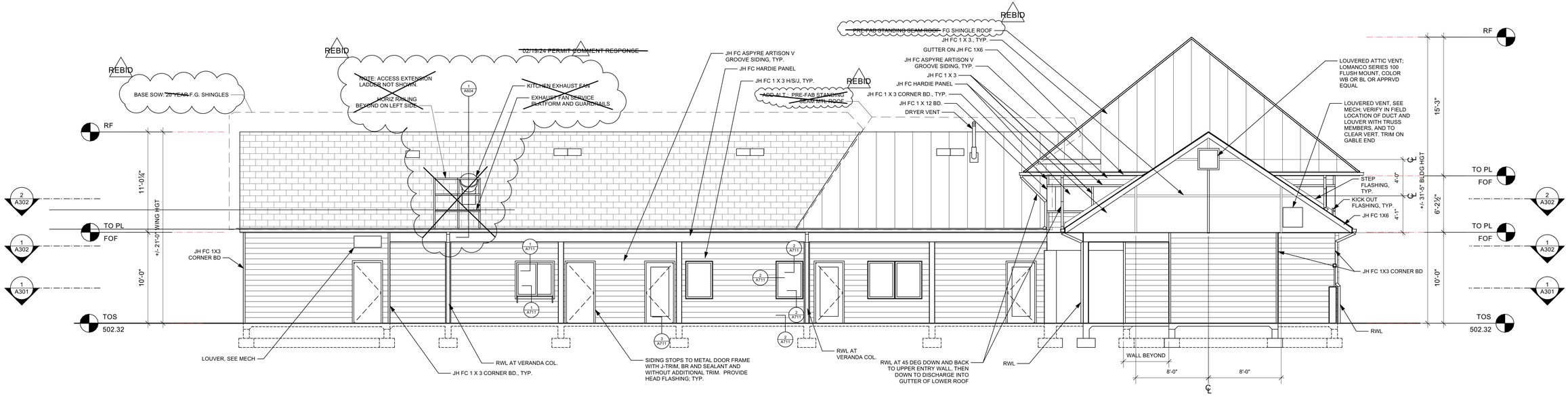
Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
EXTERIOR ELEVATIONS

Scale

Sheet No.
A500
of

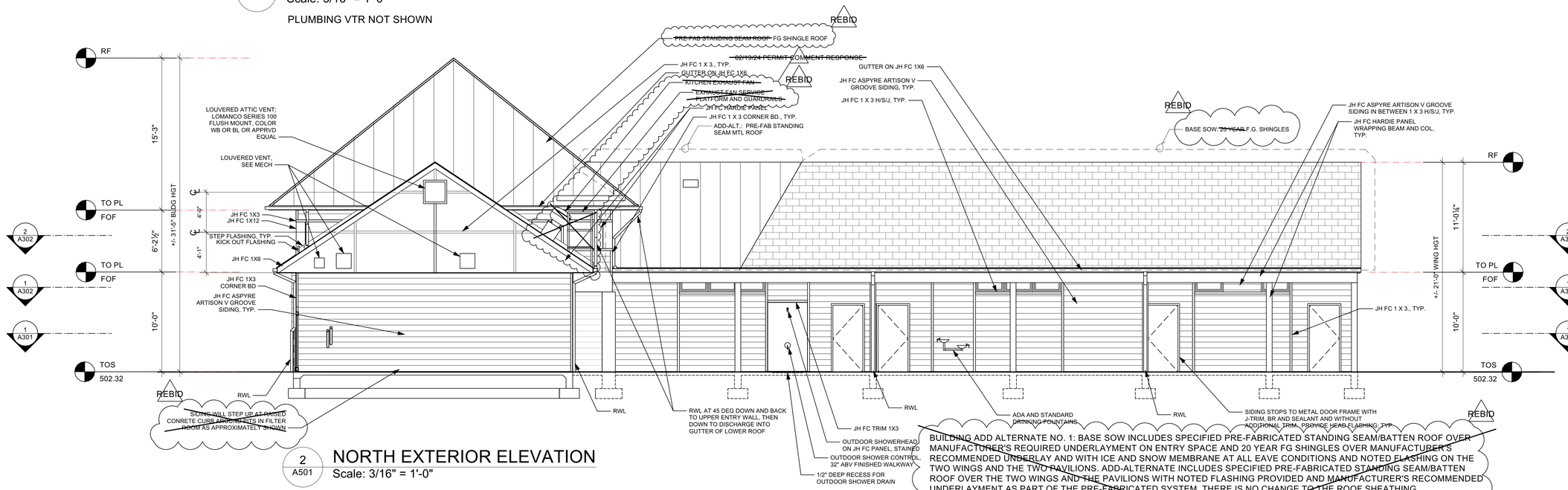


1 A501

WEST EXTERIOR ELEVATION

Scale: 3/16" = 1'-0"

PLUMBING VTR NOT SHOWN



2 A501

NORTH EXTERIOR ELEVATION

Scale: 3/16" = 1'-0"

PLUMBING VTR NOT SHOWN

BUILDING ADD ALTERNATE NO. 1: BASE SOW INCLUDES SPECIFIED PRE-FABRICATED STANDING SEAM/BATTEN ROOF OVER MANUFACTURER'S REQUIRED UNDERLAYMENT ON ENTRY SPACE AND 20 YEAR FG SHINGLES OVER MANUFACTURER'S RECOMMENDED UNDERLAY AND WITH ICE AND SNOW MEMBRANE AT ALL EAVE CONDITIONS AND NOTED FLASHING ON THE TWO WINGS AND THE TWO PAVILIONS. ADD-ALTERNATE INCLUDES SPECIFIED PRE-FABRICATED STANDING SEAM/BATTEN ROOF OVER THE TWO WINGS AND THE PAVILIONS WITH NOTED FLASHING PROVIDED AND MANUFACTURER'S RECOMMENDED UNDERLAYMENT AS PART OF THE PRE-FABRICATED SYSTEM. THERE IS NO CHANGE TO THE ROOF SHEATHING.

BUILDING ADD ALTERNATE NO. 1A: ADD COLOR GUARD SNOW RETENTION SYSTEM AND ASSOCIATED CLIPS ON FRONT AND BACK FACES OF HIPPED ENTRY ROOF ON THE EAST AND SOUTH FACES AND ON THOSE PORTIONS OF THE ROOF FACING THE POOL THAT ARE ABOVE WALKING AREAS AND NOT OVER A LOWER ROOF.

BUILDING ALTERNATE NO. 2: BASE SOW FOR PAVILIONS IS TO LEAVE THE HIP TRUSS FRAMING EXPOSED UNDERNEATH WITHOUT CEILING. ADD-ALTERNATE IS TO PROVIDE A CEILING USING THE SPECIFIED ¼" JH HARDISOFFIT PANELS RUN IN AN ORTHOGONAL PATTERN WITH 1X3 JH FC TRIM AND ATTACHED TO THE TRUSS BOTTOM CHORD

BUILDING ALTERNATE NO. 3: BASE SOW FOR PAVILIONS IS TO LEAVE THE HIP TRUSS FRAMING EXPOSED UNDERNEATH WITHOUT CEILING. ADD-ALTERNATE IS TO STICK-FRAME THE ROOF AS NOTED IN THE STRUCTURAL DRAWINGS (REF 1/S104.1) AND LEAVE OPEN WITHOUT CEILING.

No.	Date	Issue Notes
	2/19/2024	PERMIT COMMENT RESPONSE
	1/3/2024	RELEASE FOR BID
	12/7/2023	PERMIT SUBMISSION
	11/16/2023	100% CD Review
	10/5/2023	AE DD Review

No.	Revision Notes	Zone	Appr
	2/29/2024 REBID REVISIONS CLOUDED		

Project No. 23703.culpeper
Drawing Code
Plot Date 00/0/00
Date 12/5/2023
Revision

Project Manager
Checked By
Drawn By
Approved By

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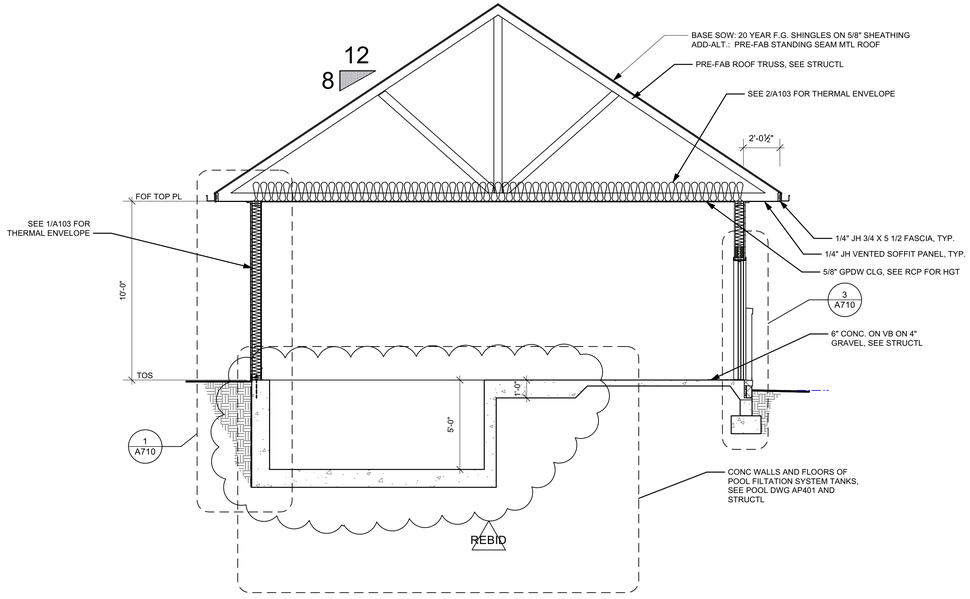
Project Title
Culpeper County
Community Pool Project
16386 Competition Drive
Culpeper, VA

Sheet Title
EXTERIOR ELEVATIONS

Scale

Sheet No.
A501
of

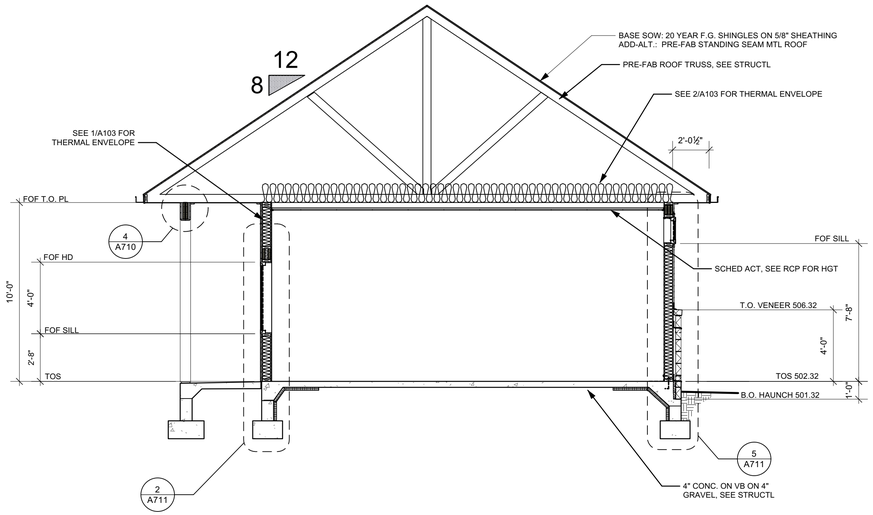
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT
COMMONWEALTH OF VIRGINIA



1 A600 BLDG SECT THRU FILTER ROOM

Scale: 1/4" = 1'-0"

NOTE: AT ALL FILTER ROOM TANK WALLS, PROVIDE 2 COATS OF ROLL-ON ASPHALTIC WATERPROOFING, OR APPROVED EQUAL, ON THE OUTSIDE SURFACE OF THE WALLS. INSPECT THE 1ST WP COAT FOR IMPERFECTIONS AND HOLES AND ENSURE THAT THE 2ND COAT FULLY COVERS ANY IMPERFECTIONS AND PROVIDES A 100% INTACT WP COAT. THIS WP COAT IS IN ADDITION TO INTERIOR TANK SURFACES NOTED IN THE AP DRAWINGS. SEE AP DRAWINGS FOR PIPE/WALL PENETRATION DETAILS; IF NOT NOTED, PROVIDE RUBBERIZED ASPHALTIC FLASHING MEMBRANE WRAPPED AROUND PIPE AND A 2ND LAYER TABBED OUT ONTO THE PIPE AND EXTENDING UP THE WALL MIN 4"; START TABBED PORTION FROM THE BOTTOM OF THE PIPE AND LAP THE TOP PORTION OVER THE BOTTOM PORTION. SEAL ALL EDGES WITH COMPATIBLE SEALANT. PRIOR TO BACK FILLING OPERATIONS, PROVIDE ½" THICK RIGID INSULATION BOARD OR SIMILAR TO PROTECT WP SURFACE.



2 A600 BLDG SECT THRU CLASSROOM

Scale: 1/4" = 1'-0"

No.	Date	Revision
1	10/19/2022	client review
2	12/01/2022	client review
3	2/17/2023	PERMIT SUBMISSION
	1/3/2024	RELEASE FOR BID
	3/29/2024	REBID REVISIONS CLOUDED

Project Info
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Issue Notes

Project No. 23103.culpeper
Drawing Path: Drawing Code
Date: 12/6/2023
Plot Date: 00/00/00

Author: ADH
Checked By: Project Manager

Design Firm
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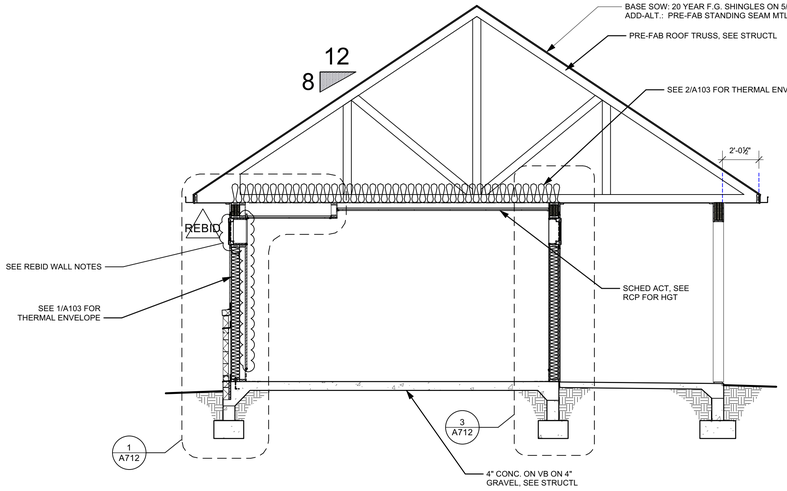
Sheet Title: BLDG SECTIONS

Scale

Sheet No.: A600 of

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT



1 A601

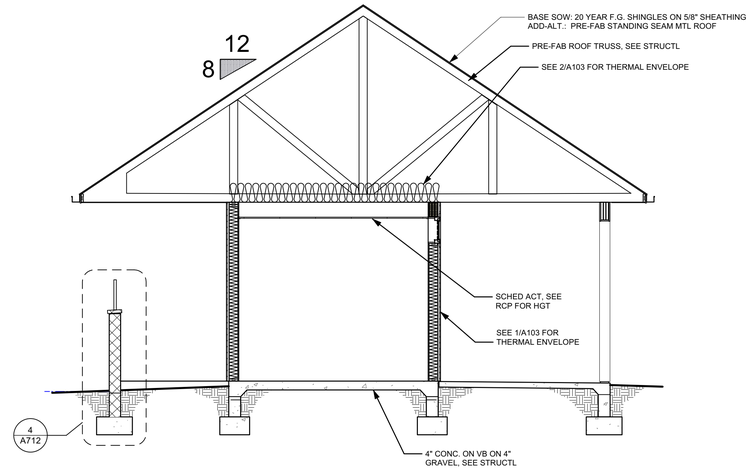
BLDG SECT THRU LOCKER ROOM

Scale: 1/4" = 1'-0"

REBID WALL TILE NOTE: *DELETE ALL WALL TILE AS NOTED. REPLACE WITH SPECIFIED GPDW WITH EPOXY PAINT FINISH AS NOTED FOR OTHER WALLS. TERMINATE BOTTOM OF GPDW WITH L OR J STOP BEAD AND PROVIDE GPDW RETURNS TO WINDOW PER DETAIL 3/A712. EPOXY FLOOR SPEC HAS BEEN REVISED (SEE SCHEDULES) BUT COVE BASE REMAINS IN SOW.*

REBID WALL CORNER TRIM NOTE: *SINCE WALL TILE HAS BEEN DELETED, PROVIDE THE SPECIFIED STAINLESS STEEL CORNER PROTECTOR AT EACH OUTSIDE CORNER WITHIN LOCKER ROOMS; TYP.*

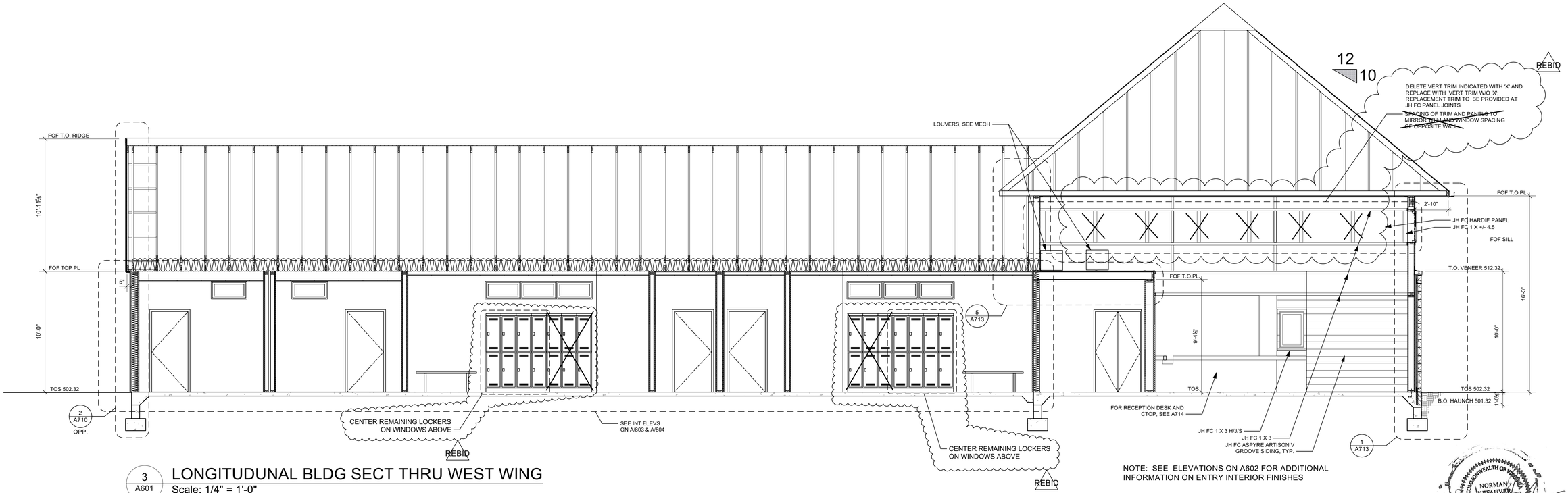
REBID



2 A601

BLDG SECT THRU FAMILY CHANGING ROOM

Scale: 1/4" = 1'-0"



3 A601

LONGITUDUNAL BLDG SECT THRU WEST WING

Scale: 1/4" = 1'-0"

NOTE: SEE ELEVATIONS ON A602 FOR ADDITIONAL INFORMATION ON ENTRY INTERIOR FINISHES

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT

No.	Date	Issue Notes
3	1/3/2024	RELEASE FOR BID
2	12/7/2023	PERMIT SUBMISSION
1	11/9/2023	Client Review
	10/5/2023	AE DD Review

Date	12/6/2023
Revision	Revision
Project No.	23703.culpeper
Drawing Date	Drawing Date
CAD File Name	CAD File Name
Plot Date	00/00/00
Checked By	Checked By
Drawn By	Drawn By
Approved By	Approved By
Project Manager	Project Manager

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Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

BLDG SECTIONS

Project File
Scale
Sheet No.

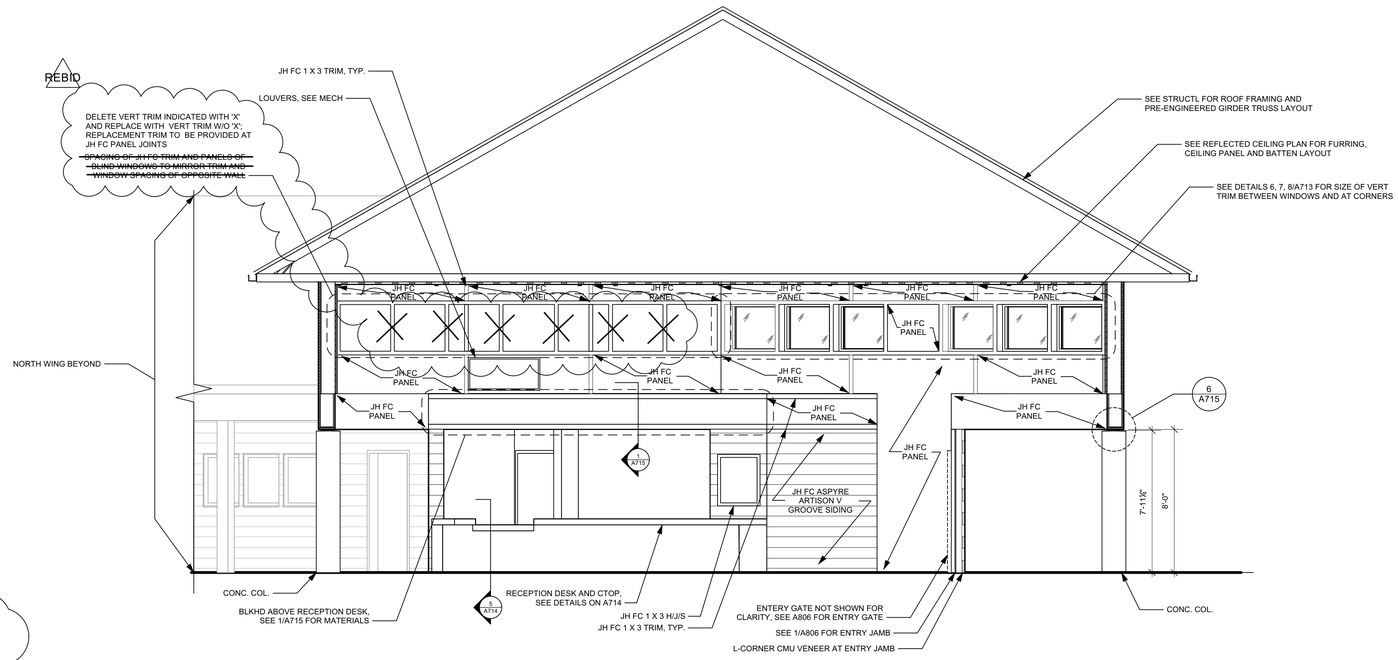
A601

of

REBID

DELETE VERT TRIM INDICATED WITH 'X' AND REPLACE WITH VERT TRIM W/O 'X'; REPLACEMENT TRIM TO BE PROVIDED AT JH FC PANEL JOINTS

~~SPACING OF JH FC TRIM AND PANELS OF BLIND WINDOWS TO MIRROR TRIM AND WINDOW SPACING OF OPPOSITE WALL~~



1 A602 BLDG SECT AS INT ELEV THRU ENTRY TOWARDS NE

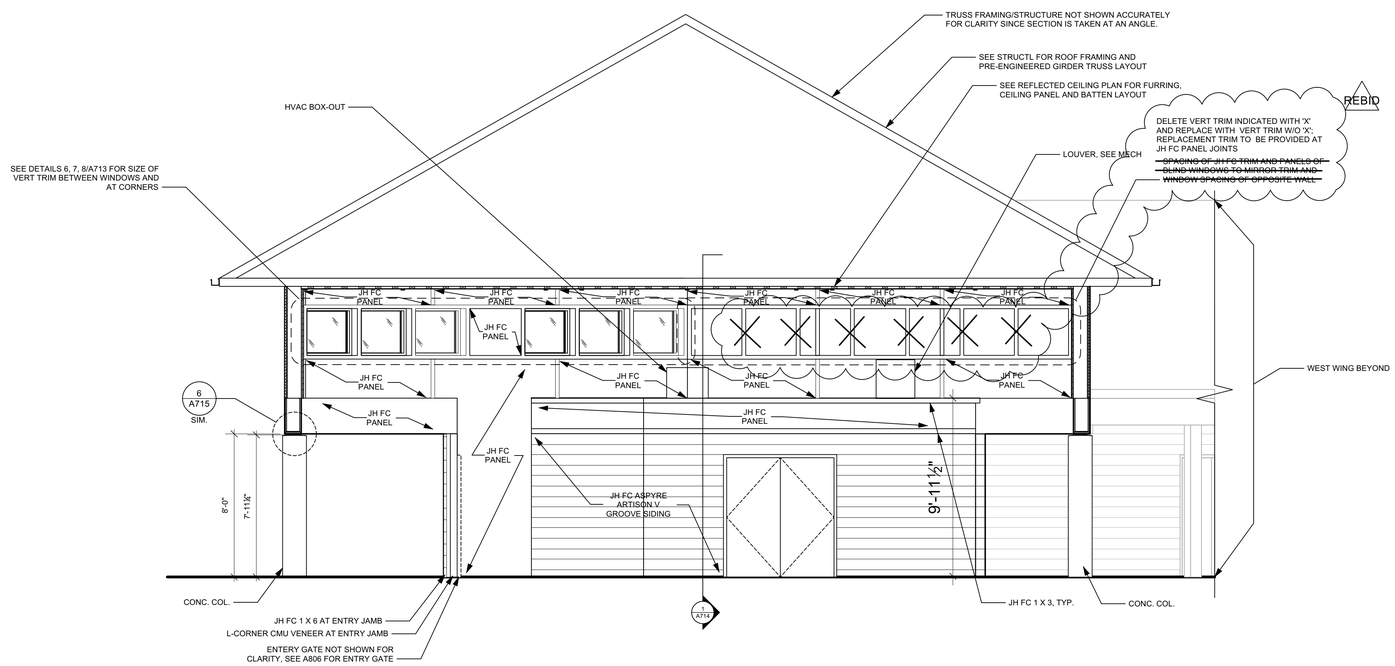
Scale: 1/4" = 1'-0"

NOTE: BLDG SECT TAKEN THRU ENTRY AT A DIAGONAL, PROVIDED FOR INTEROR INFORMATION ONLY, NOT TO BE USED FOR CONSTRUCTION PURPOSES.

REBID

~~CLADDING AND TRIM NOTE FOR UPPER NORTH AND WEST ENTRY WALLS:~~

~~THESE WALLS HAVE A BLIND WINDOW PATTERN FORMED FROM JH FC 1X3 TRIM AND JH FC PANEL THAT MIRRORS THE SPACING OF THE WINDOW OPENINGS AND TRIM ON THE OPPOSITE WALLS. TYP FOR NORTH AND WEST WALL. THE HEAD AND SILL TRIM IS CONTINUOUS. A SIMILAR BLIND WINDOW IS LOCATED ON THE EAST AND SOUTH WALLS BETWEEN THE TWO SETS OF (3) WINDOWS. THE DESIGN INTENT IS TO CREATE A CONTINUOUS DARK-GREY COLORED BAND OF WINDOWS, TRIM AND PANELS ALONG THE TOP OF THE ENTRY SPACE INTERIOR. THIS IS SIMILAR TO THE TRIM AND WINDOW CONDITIONS ON THE EAST AND SOUTH EXTERIOR ELEVATIONS.~~



2 A602 BLDG SECT AS INT ELEV THRU ENTRY TOWARDS SW

Scale: 1/4" = 1'-0"

NOTE: BLDG SECT TAKEN THRU ENTRY AT A DIAGONAL, PROVIDED FOR INTEROR INFORMATION ONLY, NOT TO BE USED FOR CONSTRUCTION PURPOSES.

No.	Date	Issue Notes
2	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION
	10/19/2023	client review

Date	12/6/2023
Revision	Revision
Project No.	2.2103.culpeper
Drawing Date	Drawing Date
CAD File Name	00/00/00
Plot Date	00/00/00

Checked By:
Drawn By:
Approved By:
Project Manager:

Project Title: Culpeper County Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title: BLDG SECTIONS

Scale:

Sheet No.: A602 of

Design Firm: NORMAN SMITH ARCHITECTURE
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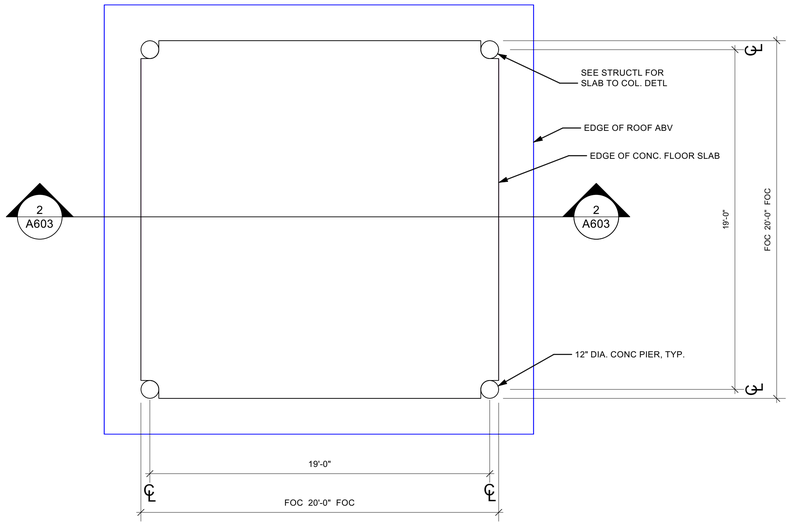
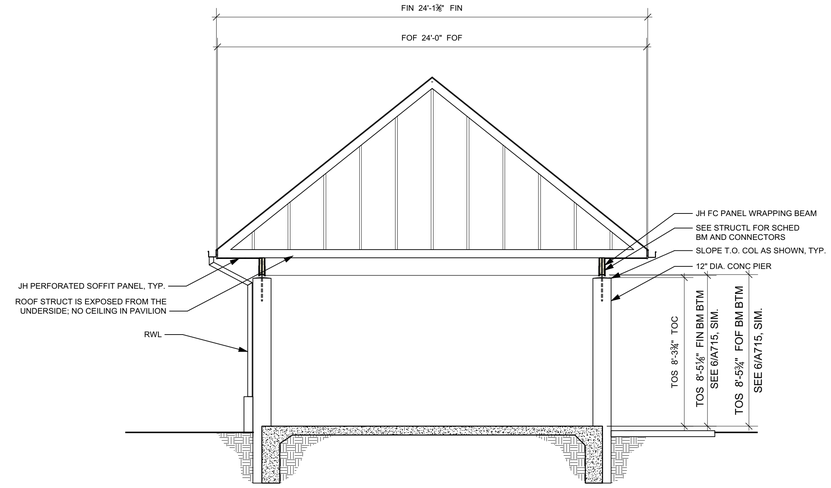
No.	Date	Revision Notes	Zone	App'r
	2/29/2024	REBID REVISIONS CLOUDED		

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT

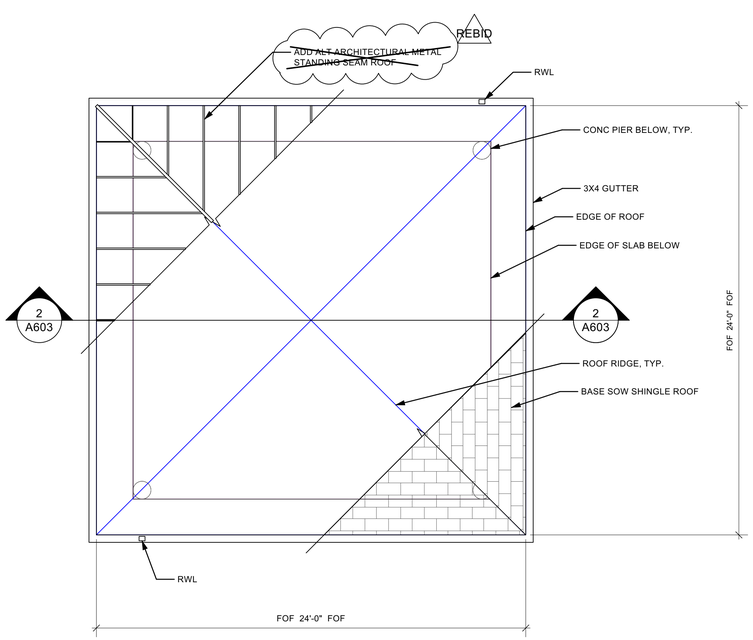


1 A603 PAVILION FLOOR PLAN
Scale: 1/4" = 1'-0"



NOTE: SEE STRUCTURAL FOR CEILING FRAMING OPTION.
CEILING IS INTENDED TO BE LEFT OPEN TO FRAMING.
SEE SPEC'S FOR ADD-ALT TO PROVIDE A CEILING WITH
1/4" HARDIE SOFFIT PANELS AND 1X3 JH TRIM.

2 A603 PAVILION SECTION
Scale: 1/4" = 1'-0"



3 A603 PAVILION ROOF PLAN
Scale: 1/4" = 1'-0"

REBID

BUILDING ADD ALTERNATE NO. 1: BASE SOW INCLUDES SPECIFIED PRE-FABRICATED STANDING SEAM/BATTEN ROOF OVER MANUFACTURER'S REQUIRED UNDERLAYMENT ON ENTRY SPACE AND 20 YEAR FG SHINGLES OVER MANUFACTURER'S RECOMMENDED UNDERLAY AND WITH ICE AND SNOW MEMBRANE AT ALL EAVE CONDITIONS AND NOTED FLASHING ON THE TWO WINGS AND THE TWO PAVILIONS. ADD-ALTERNATE INCLUDES SPECIFIED PRE-FABRICATED STANDING SEAM/BATTEN ROOF OVER THE TWO WINGS AND THE PAVILIONS WITH NOTED FLASHING PROVIDED AND MANUFACTURER'S RECOMMENDED UNDERLAYMENT AS PART OF THE PRE-FABRICATED SYSTEM. THERE IS NO CHANGE TO THE ROOF SHEATHING.

BUILDING ALTERNATE NO. 2: BASE SOW FOR PAVILIONS IS TO LEAVE THE HIP TRUSS FRAMING EXPOSED UNDERNEATH WITHOUT CEILING. ADD-ALTERNATE IS TO PROVIDE A CEILING USING THE SPECIFIED ¼" JH HARDISOFFIT PANELS RUN IN AN ORTHOGONAL PATTERN WITH 1X3 JH FC TRIM AND ATTACHED TO THE TRUSS BOTTOM CHORD

BUILDING ALTERNATE NO. 3: BASE SOW FOR PAVILIONS IS TO LEAVE THE HIP TRUSS FRAMING EXPOSED UNDERNEATH WITHOUT CEILING. ADD-ALTERNATE IS TO STICK-FRAME THE ROOF AS NOTED IN THE STRUCTURAL DRAWINGS (REF 1/S104.1) AND LEAVE OPEN WITHOUT CEILING.

No.	Date	Issue Notes
3	1/30/2024	RELEASE FOR BID
2	12/7/2023	PERMIT SUBMISSION
1	11/10/2023	60% review
	10/5/2023	AE DD Review

No.	Date	Revision Notes	Zone	Appr
	12/29/2024	REBID REVISIONS CLOUDED		

Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

PAVILION SECTION

Sheet No.
A603
of

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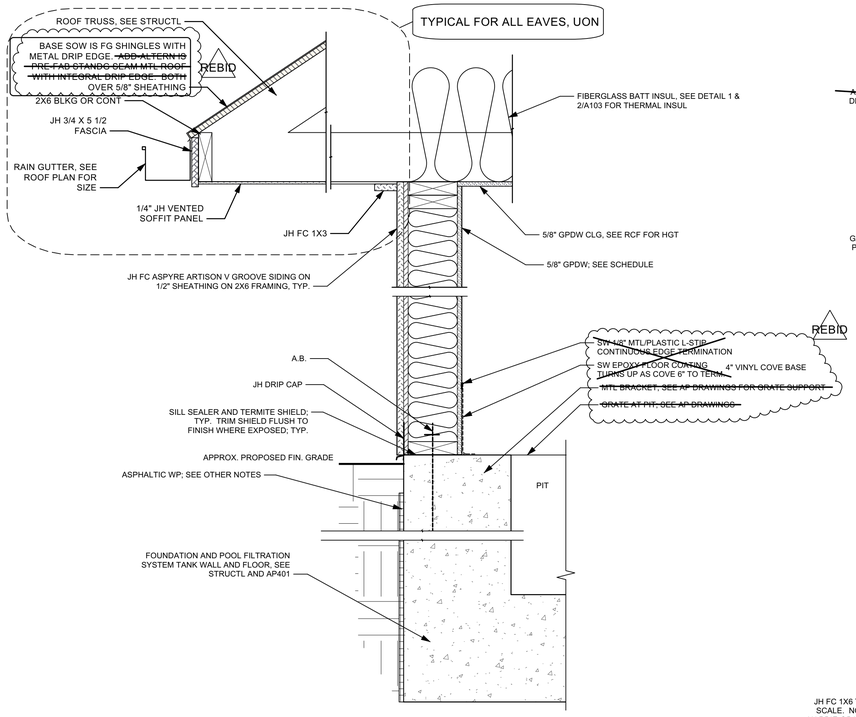
Project No. 2303.culpeper
Drawing Date 12/6/2023
Drawing Title
Issued By
Checked By
Issued By
Submitted By
Project Manager
Revision
Revision
Plot Date 00/00/00

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT



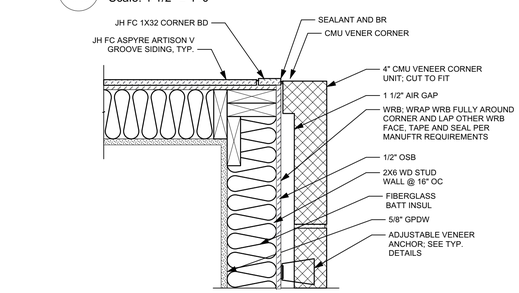
1 / A710 — DETAIL - WEST WALL THRU TANK IN FILTER RM

Scale: 1 1/2" = 1'-0"

NOTE: SEE A103 FOR THERMAL ENVELOPE

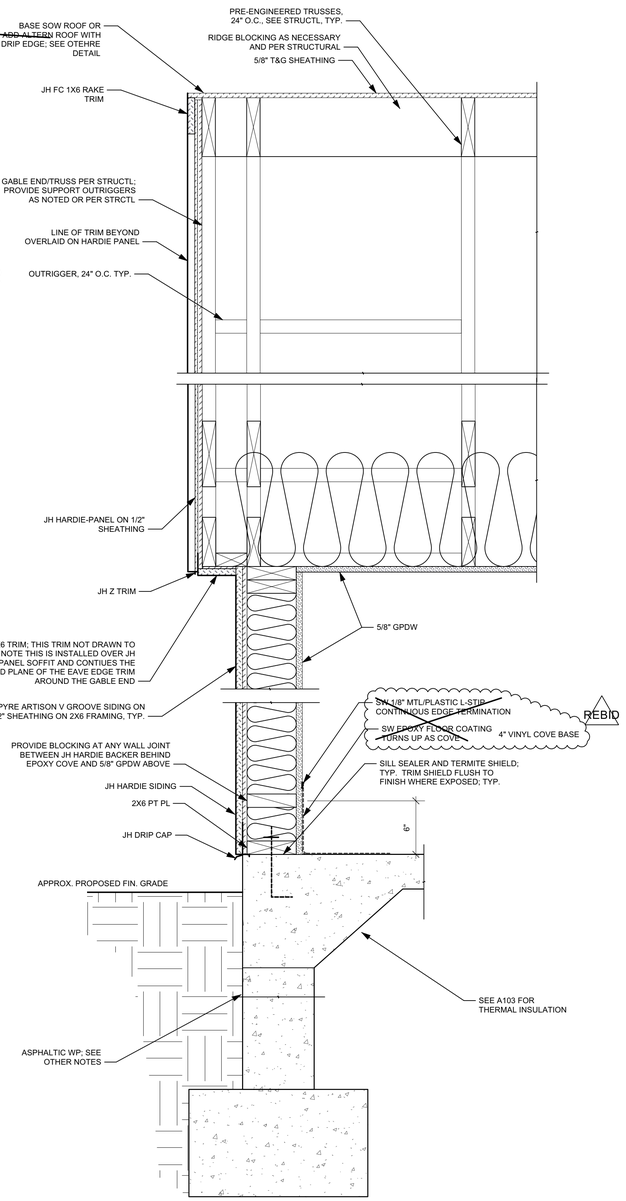
5 / A710 — PLAN DETAIL - NE CORNER - MID LEVEL

Scale: 1 1/2" = 1'-0"



4 / A710 — PLAN DETAIL - NE CORNER FILTER RM @ VENEER

Scale: 1 1/2" = 1'-0"

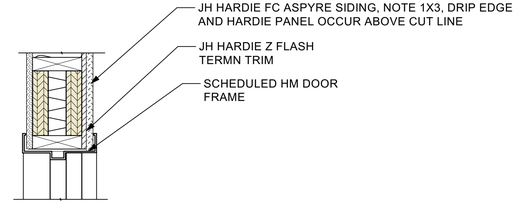


2 / A710 — DETAIL - NORTH WALL @ FILTER RM

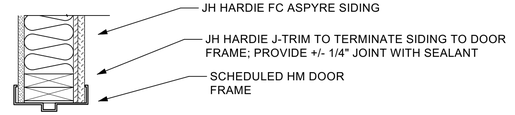
Scale: 1 1/2" = 1'-0"

NOTE: JH FC 1X6 AT UNDERSIDE OF GABLE EXTENTION IS NOT DRAWIN TO SCALE.

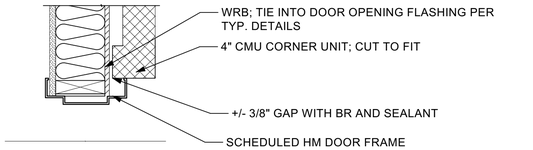
NOTE: SEE A103 FOR THERMAL ENVELOPE



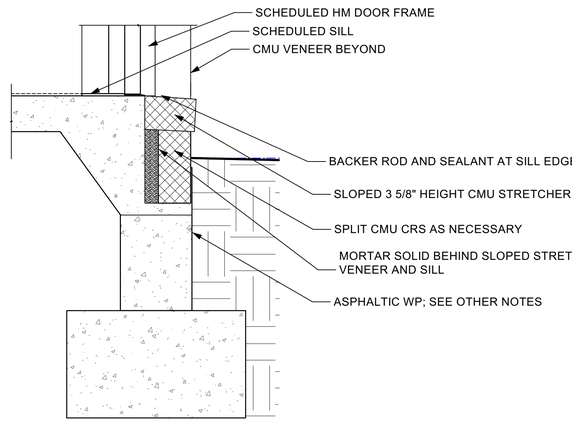
DOOR HEAD @ HARDIE SIDING; TYP.



DOOR JAMB @ HARDIE SIDING; TYP



DOOR JAMB @ MASONRY VENEER



3 / A710 — DETAIL - EAST WALL @ FILTER RM

Scale: 1 1/2" = 1'-0"

No.	Date	Issue Notes
1	10/3/2024 12/7/2023	RELEASE FOR BID PERMIT SUBMISSION

No.	Date	Revision Notes	Zone	Appr
	12/6/2023	REBID REVISIONS CLOUDED		

Drawn By: Author
Checked By: Checker
Project Manager: Project Manager
Project No: 23703.culpeper
Drawing Code: Drawing Code
Cad File Name: Rel Date: 00/00/00

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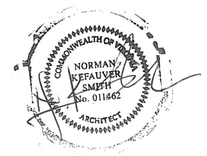
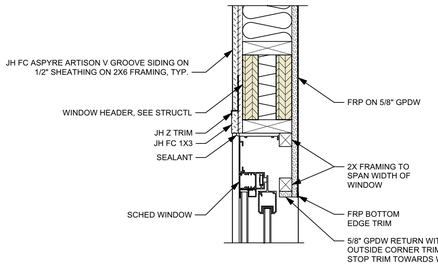
Consultant

Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

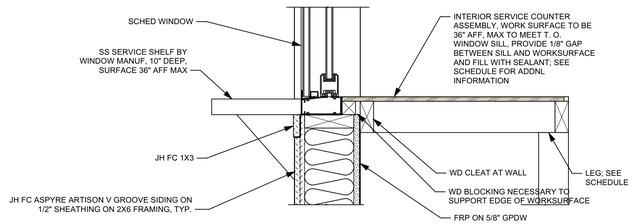
Project File
Sheet Title: DETAILS
Scale
Sheet No.: A710 of



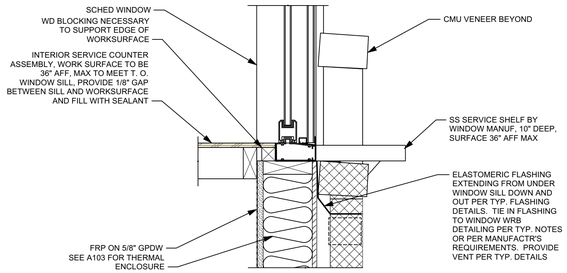


CONCESSION WEST WINDOW HEAD

CONCESSION EAST WINDOW HEAD OPP. & SIM.



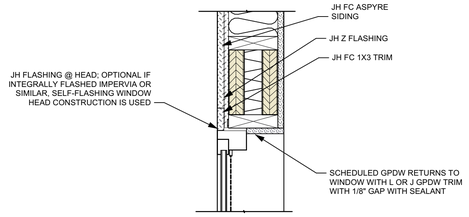
CONCESSION WEST WINDOW SILL



CONCESSION EAST WINDOW SILL

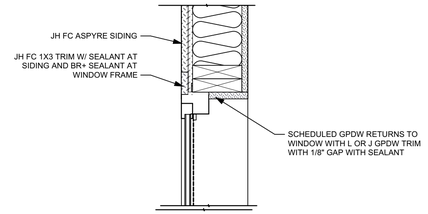
1 A711 DETAIL - CONCESSION WINDOW

Scale: 1 1/2" = 1'-0"



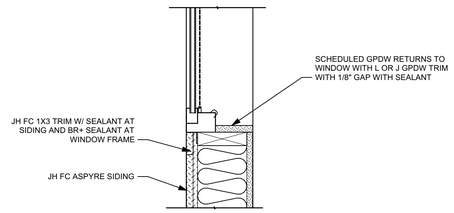
CLASSROOM WINDOW HEAD

HEAD CONDITION IS GENERALLY TYPICAL FOR OTHER WINDOW JHEADS IN FRAMED AND SIDED WALLS; CLADDING MAY VARY. NOTE THAT DOOR HM FRAMES USE J TRIM AND NO FC TRIM



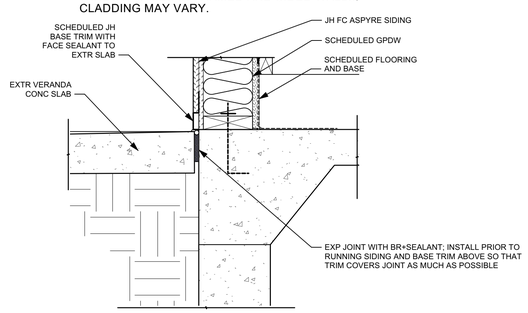
CLASSROOM WINDOW JAMB

JAMB CONDITION IS GENERALLY TYPICAL FOR OTHER WINDOW JAMBS IN FRAMED AND SIDED WALLS; CLADDING MAY VARY. NOTE THAT DOOR HM FRAMES USE J TRIM AND NO FC TRIM



CLASSROOM WINDOW SILL

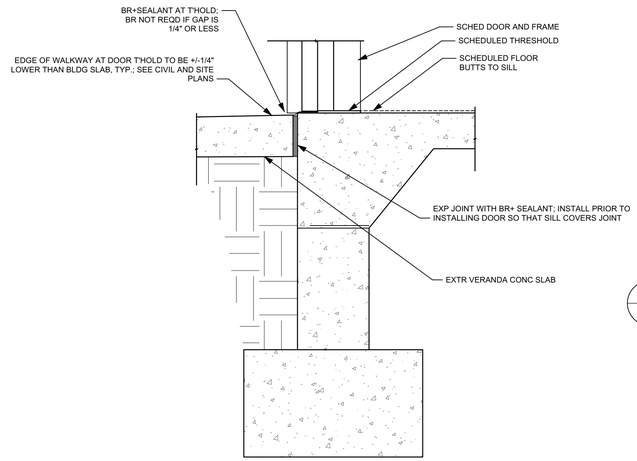
SILL CONDITION IS GENERALLY TYPICAL FOR OTHER WINDOW JAMBS IN FRAMED AND SIDED WALLS; CLADDING MAY VARY.



2 A711 DETAIL - CLASSROOM WEST WINDOW WALL

Scale: 1 1/2" = 1'-0"

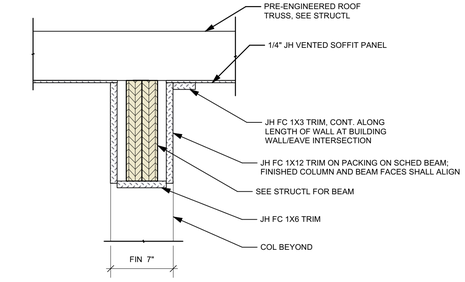
BASE TRIM CONDITION AT EXTERIOR VERANDA SLAB AND SIDING IS TYP. FOR ALL EXTERIOR WALLS AT VERANDA SLABS



3 A711 DETAIL - DOOR AT SIDEWALK, TYP.

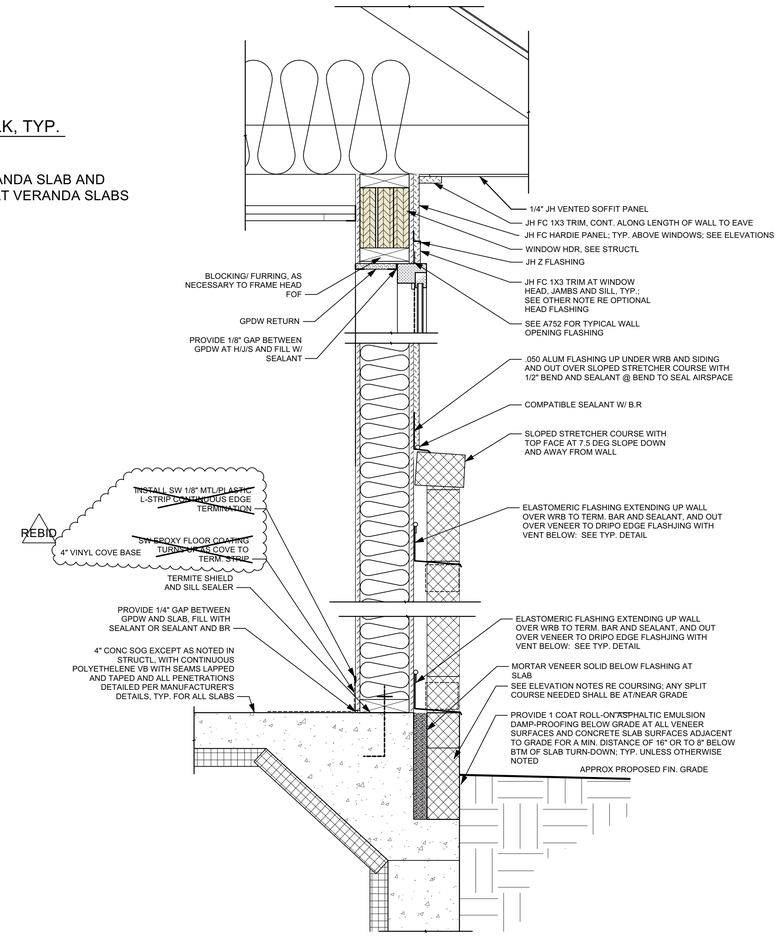
Scale: 1 1/2" = 1'-0"

BASE TRIM CONDITION AT EXTERIOR VERANDA SLAB AND SIDING IS TYP. FOR ALL EXTERIOR WALLS AT VERANDA SLABS



4 A711 DETAIL - COL TO BM @ VERANDA, TYP.

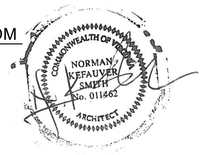
Scale: 1 1/2" = 1'-0"



5 A711 DETAIL - EAST WALL @ CLASSROOM

Scale: 1 1/2" = 1'-0"

SLAB, WP, PLATE AND GPDW CONDITIONS SHOWN ON THIS DETAIL ARE TYPICAL FOR ALL WALLS AND SLABS U.O.N.



No.	Date	Issue Notes
	1/3/2024	RELEASE FOR BID
	3/29/2024	REBID REVISIONS CLOUDED

No.	Date	Revision
	04.25.23	

Project No. 23783.culpeper
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Check / QA Reviewer
Plot Date 00/00/00

Checked By
Drawn By
Planned By
Planned By
Checked By
Project Manager

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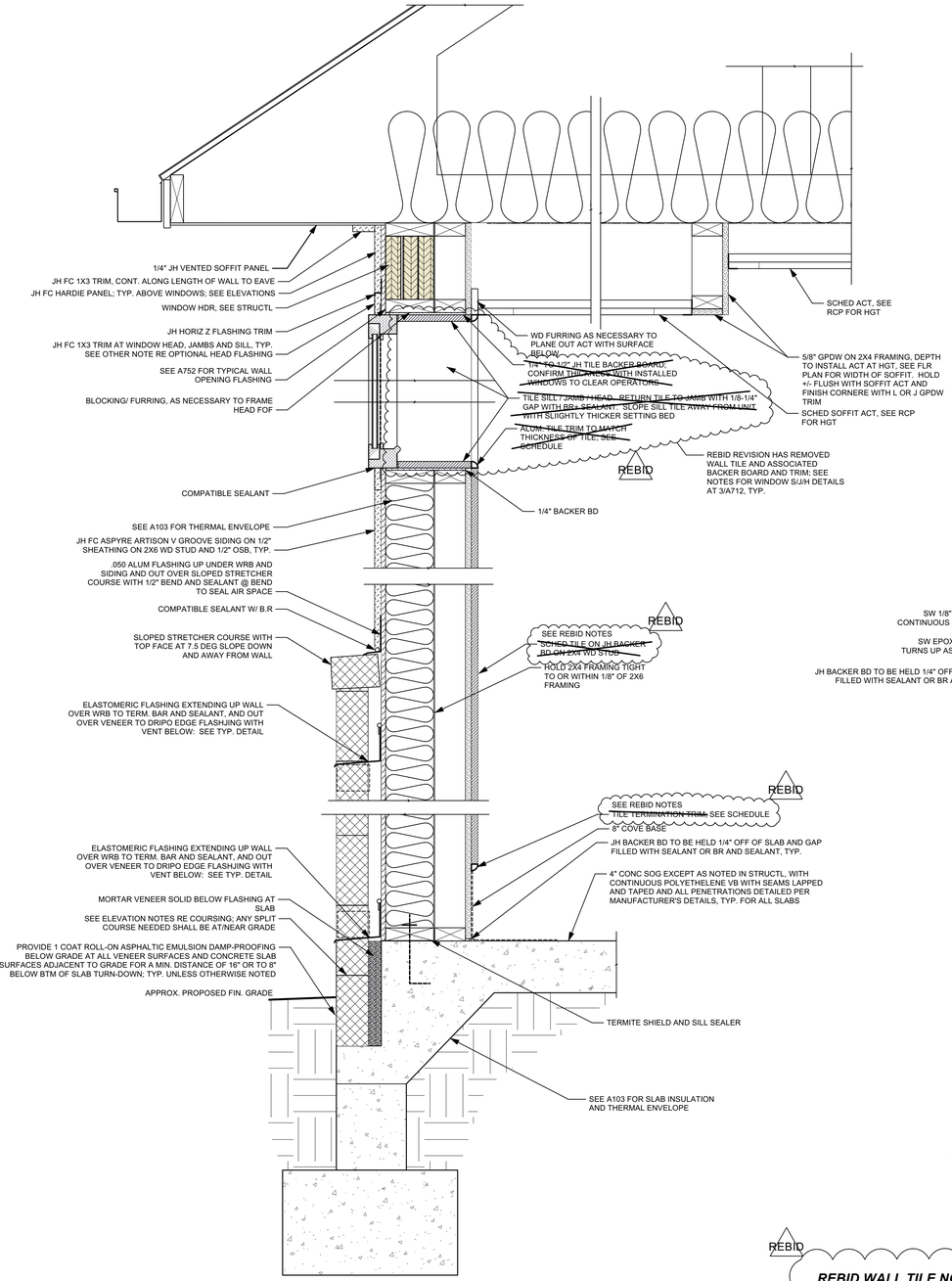
Sheet Title: DETAILS

Scale

Sheet No.: A711 of



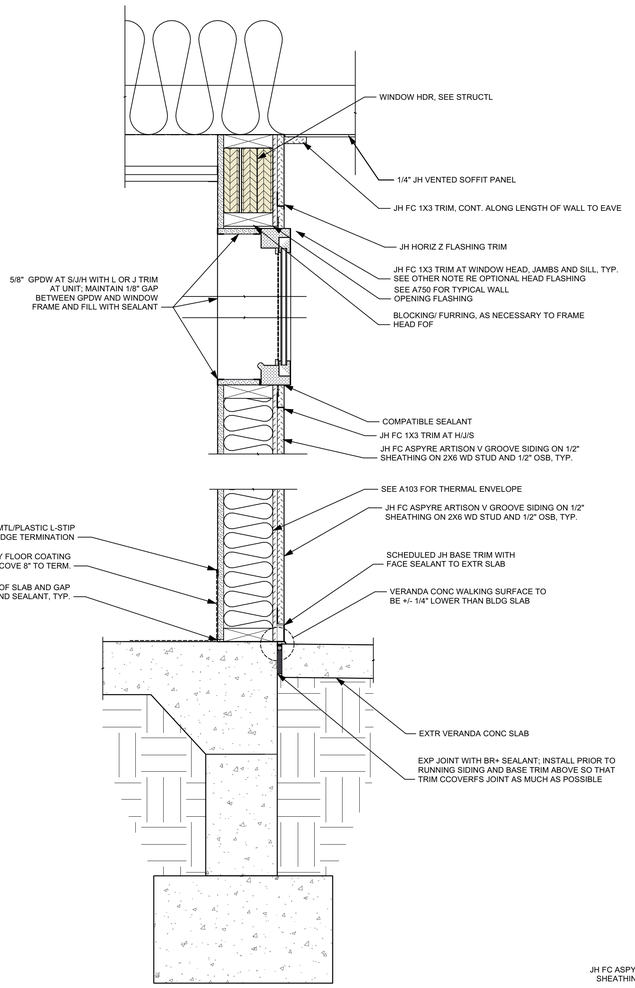
1 / A712 DETAIL - SOUTH LOCKER ROOM WALL

Scale: 1 1/2" = 1'-0"

SLAB, WP, PLATE AND GPDW CONDITIONS SHOWN ON THIS DETAIL ARE TYPICAL FOR ALL WALLS AND SLABS U.O.N.

DETAIL 2/A712 NOT USED THIS SHEET

REBID



3 / A712 DETAIL - NORTH LOCKER ROOM WALL

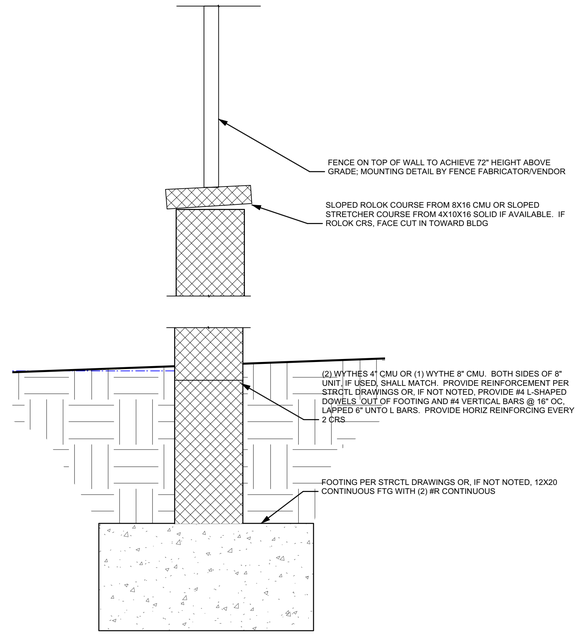
Scale: 1 1/2" = 1'-0"

BASE TRIM CONDITION AT EXTERIOR VERANDA SLAB AND SIDING IS TYP. FOR ALL EXTERIOR WALLS AT VERANDA SLABS

REBID

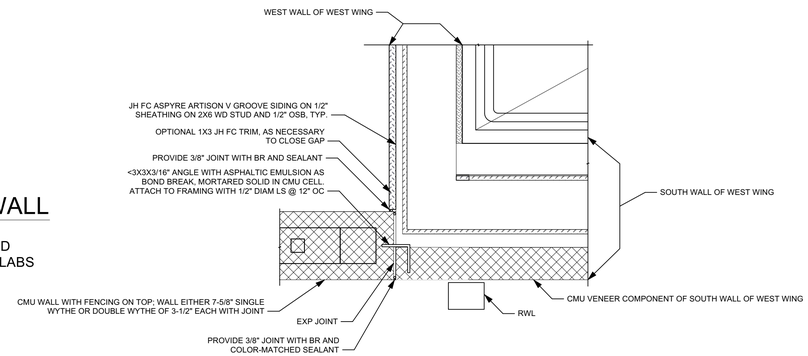
REBID WALL TILE NOTE: *DELETE ALL WALL TILE AS NOTED. REPLACE WITH SPECIFIED GPDW WITH EPOXY PAINT FINISH AS NOTED FOR OTHER WALLS. TERMINATE BOTTOM OF GPDW WITH L OR J STOP BEAD AND PROVIDE GPDW RETURNS TO WINDOW PER DETAIL 3/A712. EPOXY FLOOR SPEC HAS BEEN REVISED (SEE SCHEDULES) BUT COVE BASE REMAINS IN SOW.*

REBID WALL CORNER TRIM NOTE: *SINCE WALL TILE HAS BEEN DELETED, PROVIDE THE SPECIFIED STAINLESS STEEL CORNER PROTECTOR AT EACH OUTSIDE CORNER WITHIN LOCKER ROOMS; TYP.*



4 / A712 DETAIL - WALL WITH FENCE

Scale: 1 1/2" = 1'-0"



5 / A712 PLAN DETAIL - SW CORNER M LOCKER RM @ VENEER

Scale: 1 1/2" = 1'-0"

No.	Date	Revision
	1/3/2024	RELEASE FOR BID
	3/29/2024	REBID REVISIONS CLOUDED

Issue Notes: Addr / Zone / Revision Notes / Date

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Scenic Date:
Drawing Code:
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Checked By:
Reviewed By:
Submitted By:
Project Manager:

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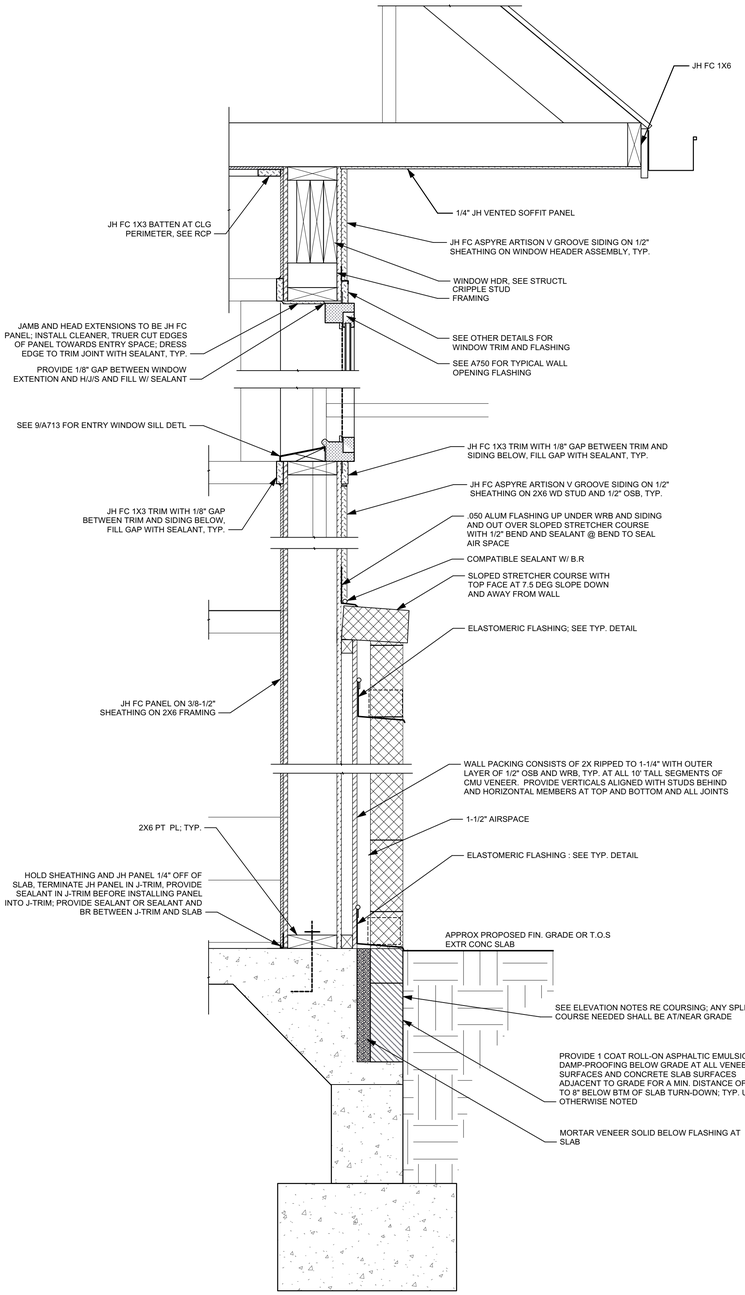
DETAILS

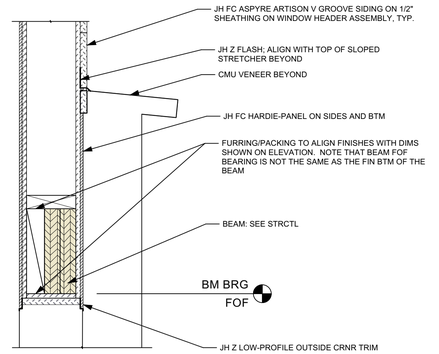
Product File:
Sheet File:
Scale:

Sheet No.
A712
of

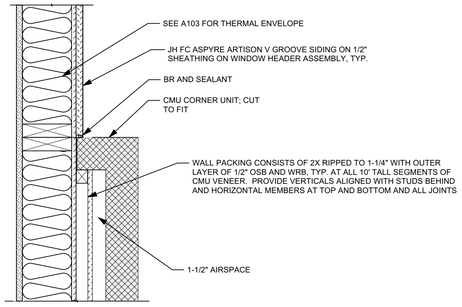


1 A713 — DETAIL - EAST ENTRY FACADE
Scale: 1 1/2" = 1'-0"

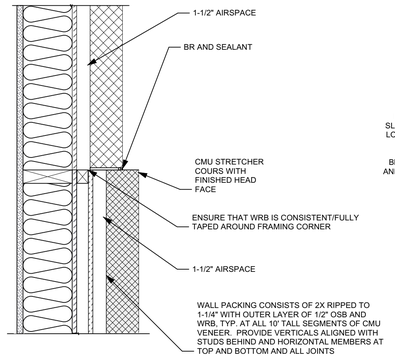
2 A713 — NOT USED
Scale:



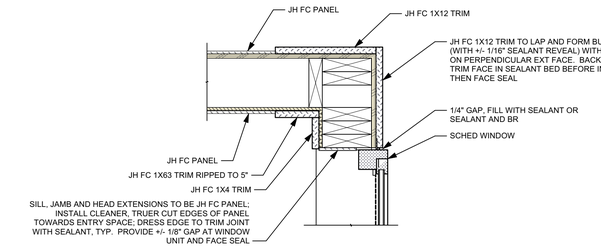
5 A713 — SECT DETAIL - BEAM ABOVE ENTRY
Scale: 1 1/2" = 1'-0"



4 A713 — PLAN DETAIL - MID LVL ENTRY @ MASONRY & SIDING
Scale: 1 1/2" = 1'-0"

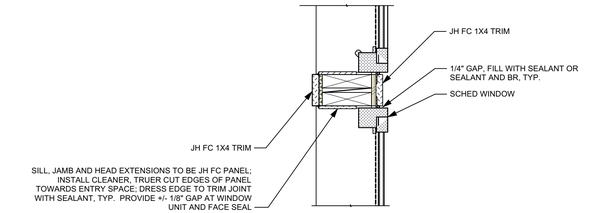


3 A713 — PLAN DETAIL - GRND LVL ENTRY @ MASONRY
Scale: 1 1/2" = 1'-0"



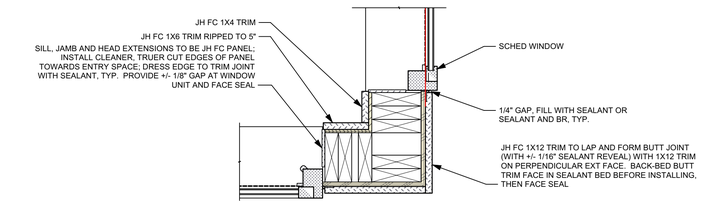
6 A713 — PLAN DETAIL - UPPER ENTRY NE CORNER
Scale: 1 1/2" = 1'-0"

NOTE ON JHF FC TRIM THIS DETAIL: SOME CONDITIONS WILL REQUIRE THE FC TRIM TO BE RIPPED TO A CUSTOM WIDTH DIMENSION. ARCHITECT UNDERSTANDS THAT THIS IS DIFFICULT AND HAS NOTED THIS CONDITION IN ONLY A FEW LOCATIONS WHERE THERE WAS NO OTHER OPTION.



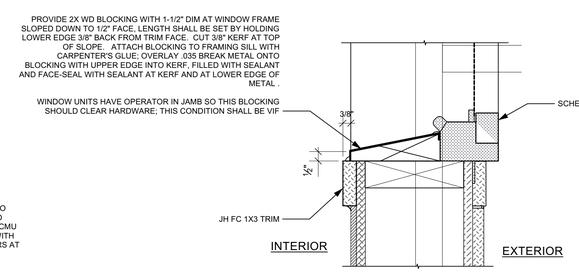
NOTE THAT THE 1X4 MULL TRIM SETS THE WINDOW SPACING SO THAT THE TRIM DOES NOT HAVE TO BE RIPPED

7 A713 — PLAN DETAIL - UPPER ENTRY MULLION
Scale: 1 1/2" = 1'-0"



NOTE THAT 1X12 TRIM DIMENSIONS SET WINDOW LOCATIONS SO THAT TRIM DOES NOT HAVE TO BE RIPPED

8 A713 — PLAN DETAIL - UPPER ENTRY SE CORNER
Scale: 1 1/2" = 1'-0"



9 A713 — SECT DETAIL - UPPER ENTRY WINDOW SILL
Scale: 3" = 1'-0"

No.	Date	Issue Notes
	1/3/2024	RELEASE FOR BID

Date	04.25.23
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Project ID	23703.culpeper
Sheet Type	Drawing Code
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Project Architect: Drawn By: Checked By: Submitted By: Approved By: Project Manager:

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DETAILS

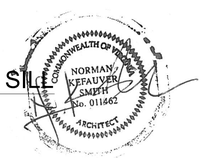
Sheet File

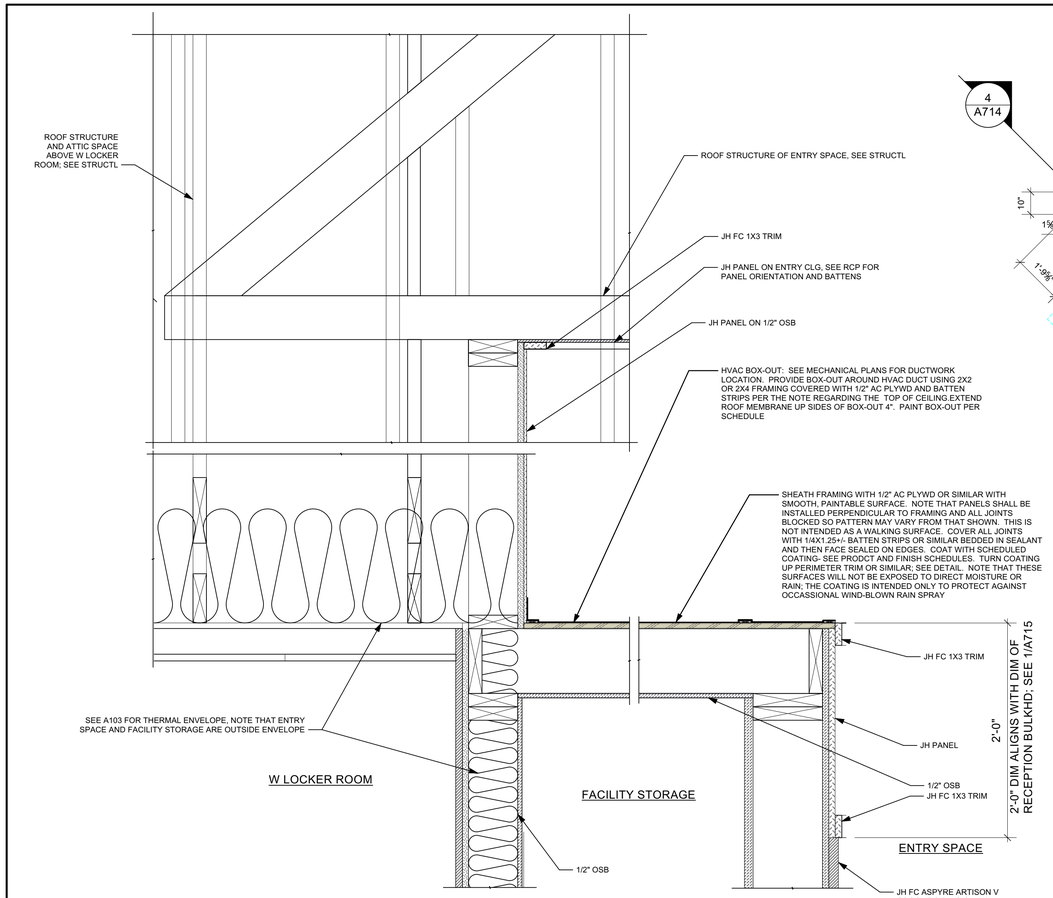
Scale

Sheet No.

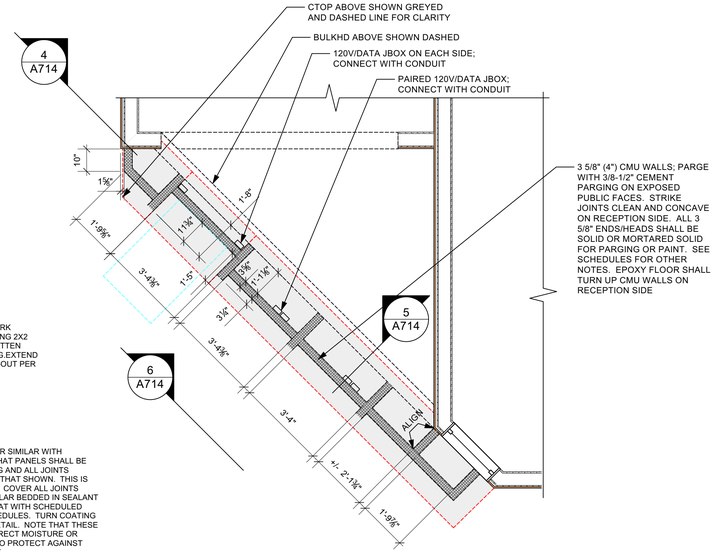
A713

of

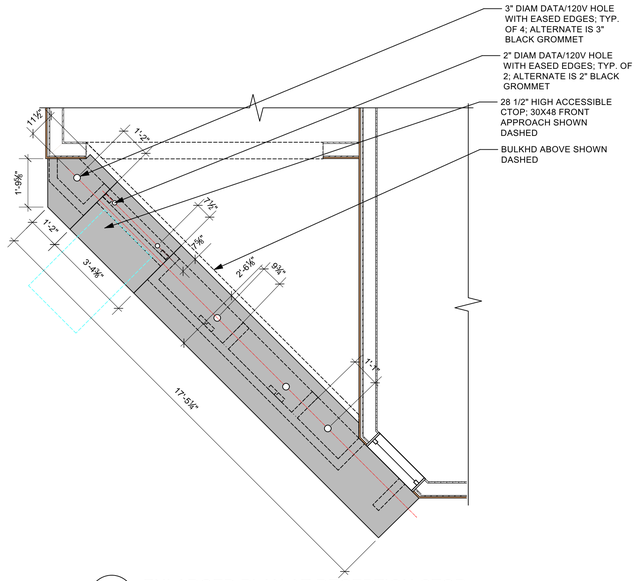




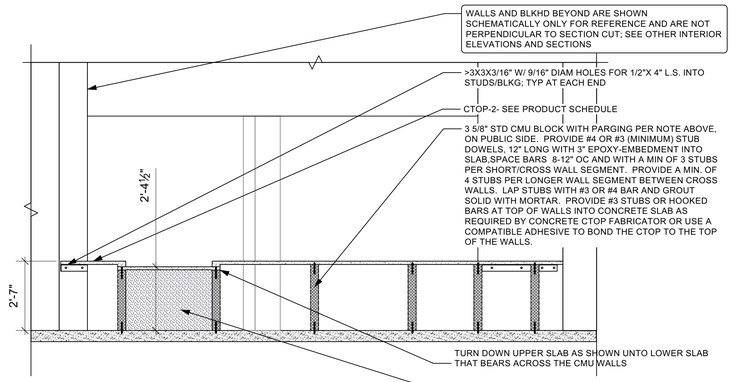
1 A714 DETAIL - WALLS & CLG OF FACILITY STORAGE
Scale: 1 1/2" = 1'-0"



2 A714 DETAIL - THRU RECEPTION AND DESK
Scale: 3/8" = 1'-0"



3 A714 ENLARGED PLAN AT RECEPTION CTOP
Scale: 3/8" = 1'-0"

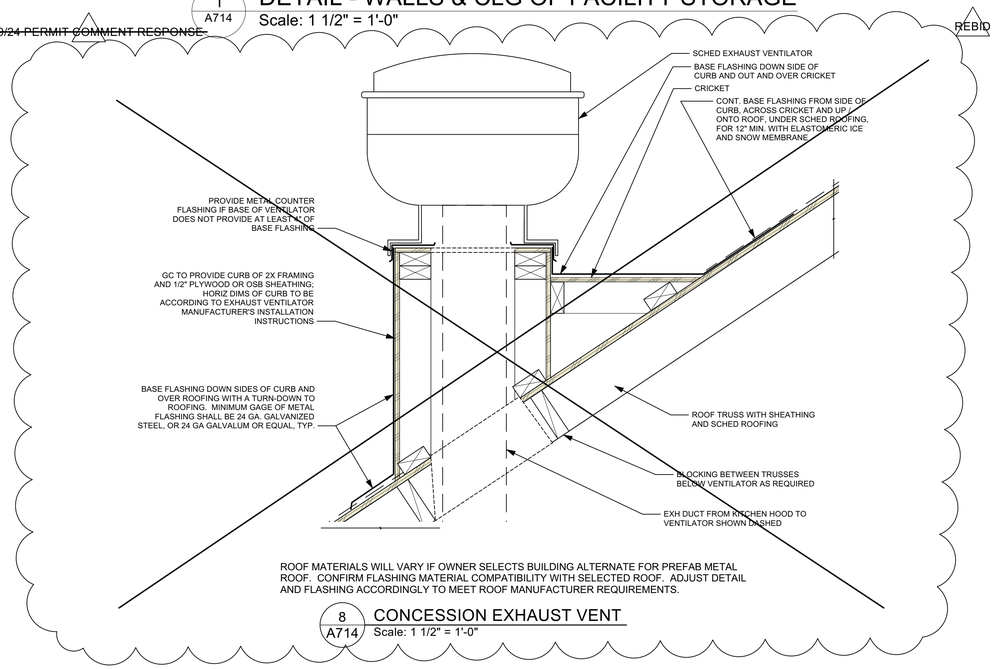


4 A714 LONG SECTION THRU WALLS/CTOP; PARALLEL TO CTOP
Scale: 3/8" = 1'-0"

5 A714 SECTION THRU CTOP AND WALLS
Scale: 3/8" = 1'-0"

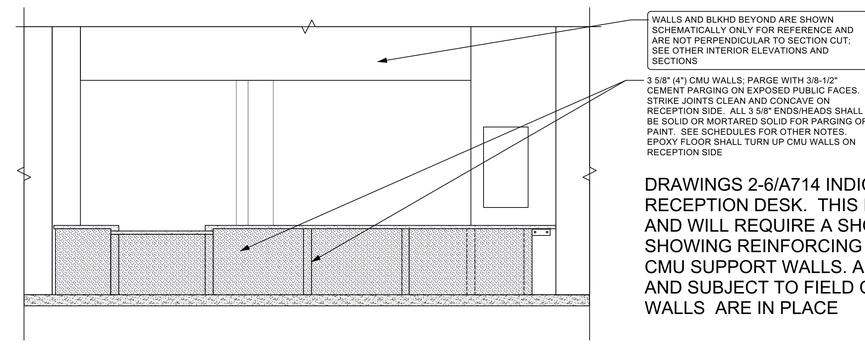
02/19/24 PERMIT COMMENT RESPONSE

REBID



ROOF MATERIALS WILL VARY IF OWNER SELECTS BUILDING ALTERNATE FOR PREFAB METAL ROOF. CONFIRM FLASHING MATERIAL COMPATIBILITY WITH SELECTED ROOF. ADJUST DETAIL AND FLASHING ACCORDINGLY TO MEET ROOF MANUFACTURER REQUIREMENTS.

8 A714 CONCESSION EXHAUST VENT
Scale: 1 1/2" = 1'-0"



7 A714 ELEVATION OF CTOP AND WALLS ; PARALLEL TO CTOP
Scale: 3/8" = 1'-0"

DRAWINGS 2-6/A714 INDICATE THE DESIGN INTENT FOR THE RECEPTION DESK. THIS IS A SUBMITTAL/SHOP DRAWING ITEM AND WILL REQUIRE A SHOP DRAWING FROM THE FABRICATOR SHOWING REINFORCING AND CONNECTION DETAILS TO THE CMU SUPPORT WALLS. ALL DIMENSIONS ARE APPROXIMATE AND SUBJECT TO FIELD CONDITIONS AND SHALL BE VIF AFTER WALLS ARE IN PLACE

No.	Date	Revision Notes	Zone	Appr
2/19/2024		PERMIT COMMENT RESPONSE		
1/23/2024		REBID REVISIONS CLOUDED		
	3/29/2024	RELEASE FOR BID		

Issue Notes

Date 04.25.23
Revision
Project # 23703.culpeper
Master Dgn Drawing Code
CAD Tech/Mark 00/00/00
Approved By
Drawn By
Checked By
Scale @ 11
Submitted By
Project Manager

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DETAILS

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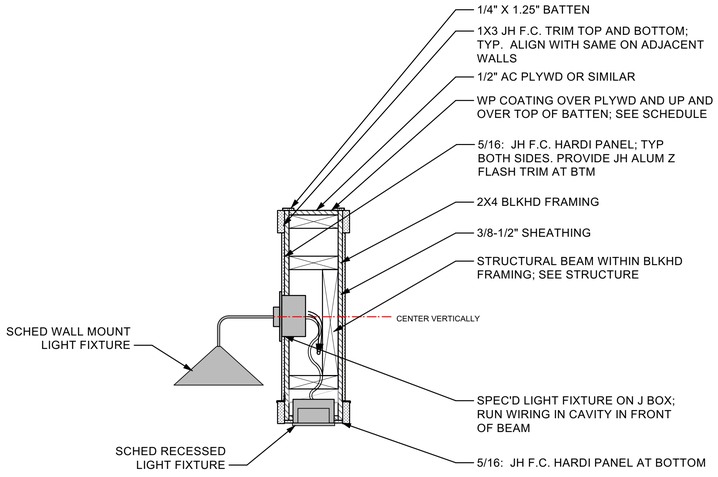
Sheet No.
A714
of

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT



1 A715 SECT DETAIL THRU RECEPTION BLKHD- LOOKING WEST
Scale: 1 1/2" = 1'-0"

1/2" EXTERIOR SHEATHING WITH WR (DRAINAGE PLANE (E.G. DRAINABLE WRB) WITH 90% DRAINAGE EFFICIENCY PER ASTM E2273); SIMILAR TO DUPONT STUCCOWRAP OR DRAIN WRAP OR TAMLYN DRAINABLE HOUSEWRAP.

LAP, FASTEN AND AND TAPE ALL MATERIAL AND JOINTS AND OPENINGS PER MANUFTR REQUIREMENTS AND OTHER DETAILS. IN CONDITIONS WHERE FLASHING DOES NOT HAVE TERMINATION BAR OR SIMILAR, ENSURE THAT WRB LAPS OVER THE OTHER COMPONENTN IN THE DIRECTION OF FLOW.

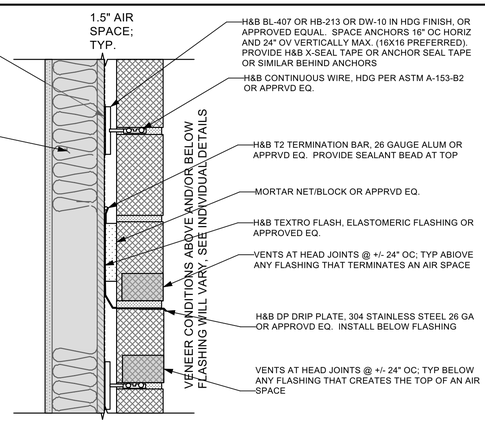
GENERIC WOOD STUD WALL TYPE SHOWN; SEE OTHER DETAILS FOR PROJECT SPECIFIC CONSTRUCTION AND MATERIALS

THRU WALL FLASHING AND WEEP/VENT NOTE:

THRU WALL FLASHING, WEEP FLASHING, TERMINATION BARS, WEEP/VENTS, ETC. AS SHOWN ANDN NNOTED HERE IN AND IN ANY SEPARATE SPEC SECTIO IF PROVIDED, SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS:
- AT ALL OPENINGS IN MASONRY VENEER
- AT ALL WINDOW SILLS IN MASONRY VENEER, NO FARTHER THAN 1 CRS BELOW SILL, UON
- AT ALL DOOR SILLS WHEERE VENEER CONTINUES BELOW SILL
- AT THE BOTTOM OF ALL VENEEERED WALLS AND WITHIN APPROX. 8-12" OF FINISHED GRADE AND IMMEDIATELY ABOVE ANY AIRSPACE BEHIND THE VENEER THAT HAS BEEN MORTARED SOLID

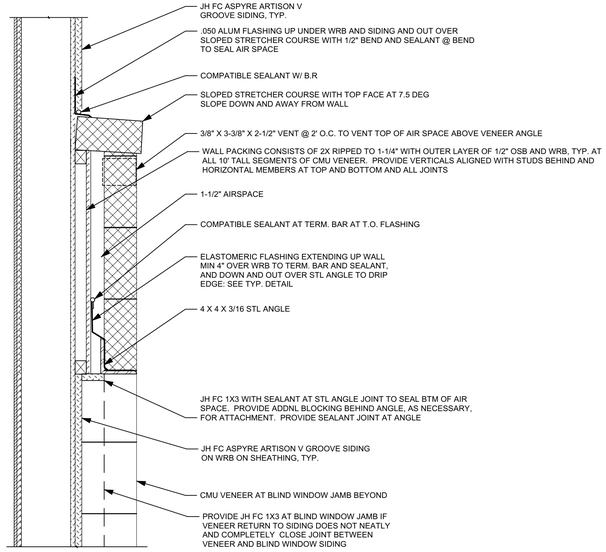
PROVIDE CORRUGATED, COLOR-MATCHED PLASTIC VENTS BELOW EACH SILL FLASHING AND OTHER WALL INTERRUPTIONS TO ALLOW VENTING OF THE AIR SPACE: BOD IS H&B 343 QUADRO-VENT OR SIMILAR.

ALL WORK SHALL BE PERFORMED IN STRICT CONFORMANCE WITH THE NCMA AND MANUFACTURERE'S REQUIREMSNTS AND SHALL BE APPROVED AS PART OF THE WALL MOCK-UP/SUBMITTAL, IF REQUIRED.

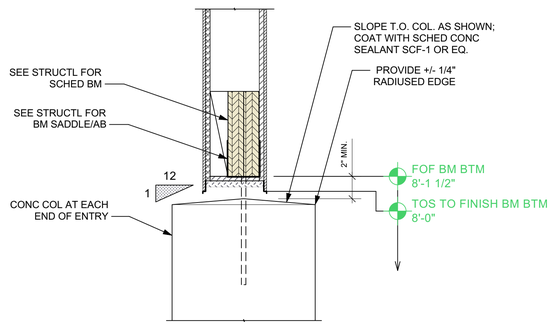


NOTE:
THIS GENERIC DETAIL INDICATES TYPICAL REQUIREMENTS AND INSTALLATION FOR CMU VENEER WALLS AND TAKES PRECEDENCE OVER OTEHR DETAILS FOR SPECIFIC MATERIALS, ETC. HOWEVER, SEE OTHER DETAILS FOR SPECIFIC CONSTRUCTION AND LOCATION SPECIFIC CONDITIONS REGARDING OPENINGS, ETC.

3 A715 VENEER TYP. FLASHING AND ANCHOR DETAIL
Scale: 1/8" = 1'-0"



2 A715 DETAIL - EAST ENTRY FACADE BLIND WINDOW HEAD
Scale: 1 1/2" = 1'-0"



CONCRETE COLUMNS SHALL BE FORMED WITH SOLOTUBE OR SIMILAR ROUND FORM OF SIZES NOTED. FINISHED COLUMN SHALL HAVE ALL BUGHOLES AND SIMILAR IMPERFECTIONS FILLED WITH A CEMENT/MORTAR SLURRY TO PRODUCE A SMOOTH CONSISTENT SURFACE READY FOR PAINTING. SOLOTUBE SPIRAL RINGS SHOWING IS ACCEPTABLE. PRIME AND PAINT THE COLUMN FACE AND TOP PER THE PRODUCT SCHEDULE FOR FINISH. COLOR SHALL BE A 'CULPEPER BLUE' THAT IS TBS.

COLUMN PROFILE AND FINISH IS TYPICAL FOR ALL CONCRETE COLUMNS.

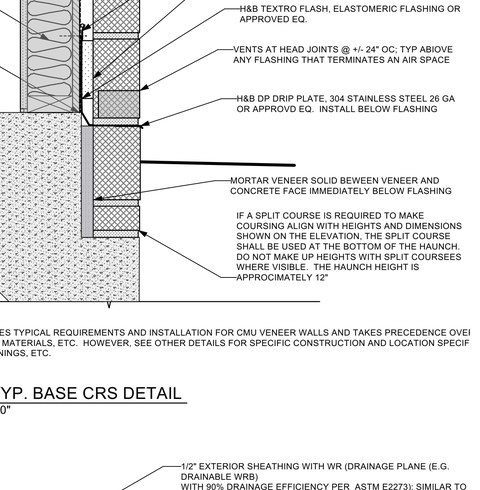
6 A715 COL TO BM AT ENTRY
Scale: 1 1/2" = 1'-0"

1/2" EXTERIOR SHEATHING WITH WR (DRAINAGE PLANE (E.G. DRAINABLE WRB) WITH 90% DRAINAGE EFFICIENCY PER ASTM E2273); SIMILAR TO DUPONT STUCCOWRAP OR DRAIN WRAP OR TAMLYN DRAINABLE HOUSEWRAP.

LAP, FASTEN AND AND TAPE ALL MATERIAL AND JOINTS AND OPENINGS PER MANUFTR REQUIREMENTS AND OTHER DETAILS. IN CONDITIONS WHERE FLASHING DOES NOT HAVE TERMINATION BAR OR SIMILAR, ENSURE THAT WRB LAPS OVER THE OTHER COMPONENTN IN THE DIRECTION OF FLOW.

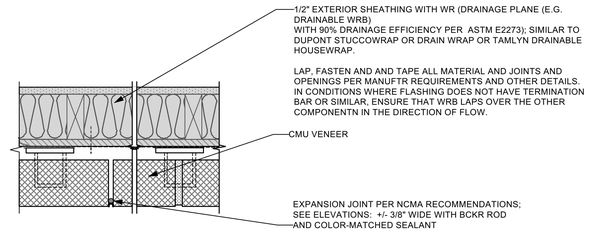
GENERIC WOOD STUD WALL TYPE SHOWN; SEE OTHER DETAILS FOR PROJECT SPECIFIC CONSTRUCTION AND MATERIALS

EXTEND WRB APPROX 4" BELOW TOP OF SLAB AND SEAL WITH COMPAITBLE TAPE TO CLEAN CONCRETE SURFACE



NOTE:
THIS GENERIC DETAIL INDICATES TYPICAL REQUIREMENTS AND INSTALLATION FOR CMU VENEER WALLS AND TAKES PRECEDENCE OVEI OTEHR DETAILS FOR SPECIFIC MATERIALS, ETC. HOWEVER, SEE OTHER DETAILS FOR SPECIFIC CONSTRUCTION AND LOCATION SPECIF CONDITIONS REGARDING OPENINGS, ETC.

4 A715 VENEER TYP. BASE CRS DETAIL
Scale: 1/8" = 1'-0"



5 A715 TYP. DETAIL AT VENEER EXPANSION JOINT
Scale: 1/8" = 1'-0"

No.	Date	Issue Notes
	1/3/2024	RELEASE FOR BID

Date	04.25.23
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Plot Date	

Project Architect
Drawn By
Checked By
Checked By
Checked By
Project Manager

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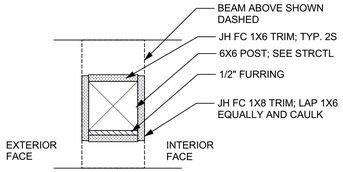
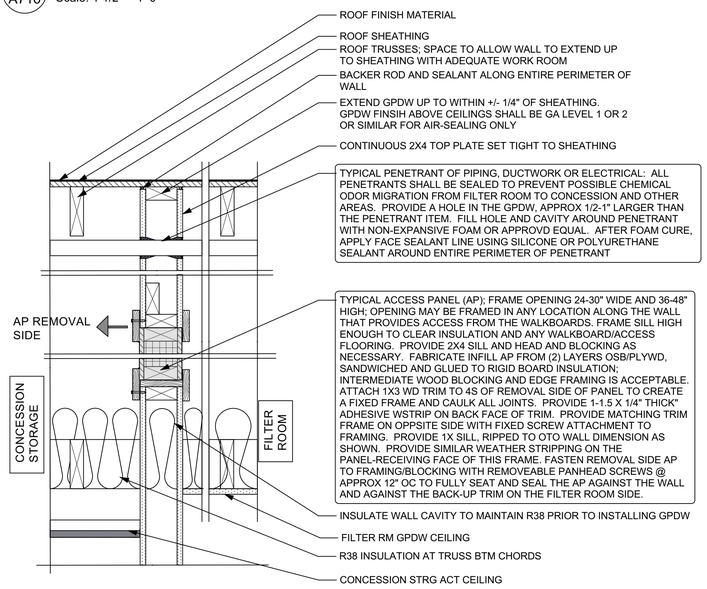
Sheet Title: DETAILS

Scale

Sheet No.: A715 of

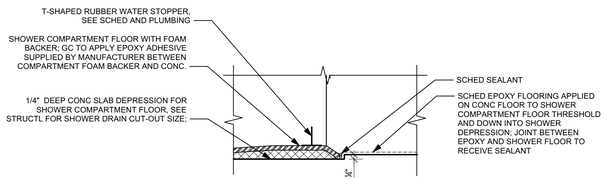


1 / A716 PLAN DETAIL AT VERANDA COLUMN; TYP.
Scale: 1 1/2" = 1'-0"

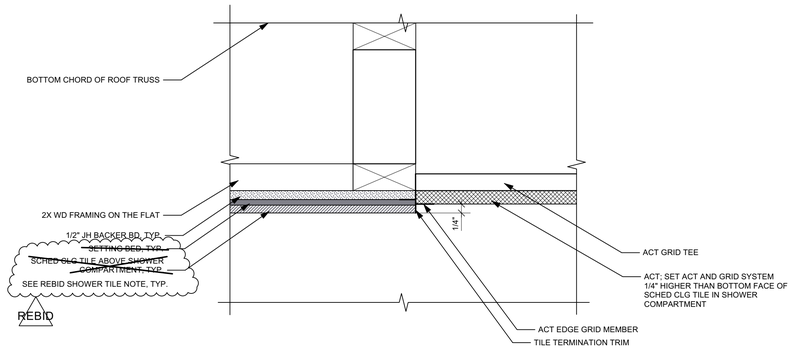


2 / A716 SECTION DETAIL AT DEMISING WALL @ CONCESSN STRG/FILTER RM
Scale: 1 1/2" = 1'-0"

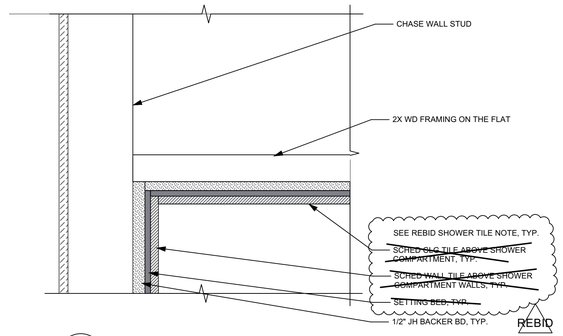
THIS SECTION DETAIL NOTES THE AIR SEALING REQUIRED BETWEEN THE TWO SPACES AND SHOWS A TYPICAL PENETRANT AIR SEAL



3 / A716 FLOOR TO SHOWER T'HOLD
Scale: 3" = 1'-0"



6 / A716 SHOWER TO DRESSING CEILING
Scale: 3" = 1'-0"

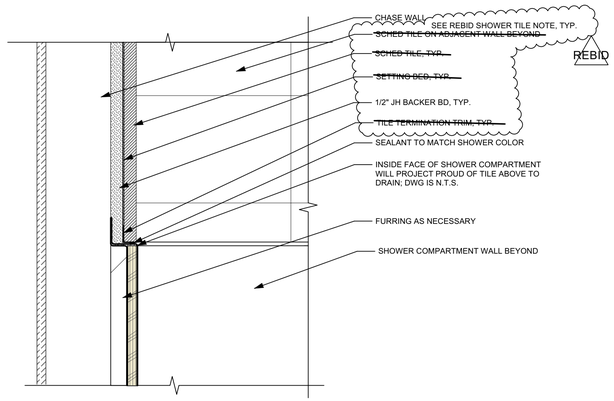


5 / A716 SHOWER WALL TO CEILING
Scale: 3" = 1'-0"

SHOWER CEILING FRAMING NOTE:

DROPPED SOFFITS AND CEILING ARE INTENDED TO PROVIDE A CONSISTENT 8.5" CLEAR SPACE FOR DCW AND DHW PIPING RUNS. MOST PIPING RUNS WILL BE OUTSIDE OF THE ACTUAL SHOWER CEILING EXCEPT FOR THOSE RUNS FEEDING THE SHOWER. SHOWER CEILING FRAMING IS SHOWN AS 2X4 FLAT STUD FRAMING. BEFORE FRAMING , CONFIRM THAT THIS WILL ALLOW SUFFICIENT SPACE FOR THE PIPING RUNS THAT ARE SHOWN OVER THE SHOWER. IF SO, THE 2X4 FLAT STUD FRAMING MAY BE USED. IF NOT, USE 2X4 VERTICAL WALL LEDGER AND 1X4 BOTTOM PLATE ON BULKHEAD WITH INFILL FRAMING FROM 7/8" HAT CHANNEL, TABBED AT EACH END AND SCREW-ATTACHED TO FRAMING TO PROVIDE ADDITIONAL HEIGHT.

SHOWER WALL FRAMING BETWEEN SHOWER AND ADJACENT WC COMPARTMENT SHALL BE COORDINATED WITH PIPING RUNS TO ALLOW CLEAR RUNS THROUGH THE WALL.



4 / A716 SHOWER WALL TO TILE
Scale: 3" = 1'-0"

REBID

REBID SHOWER TILE NOTE: *DELETE ALL WALL AND CEILING TILE WITHIN SHOWER AREAS. REPLACE WITH SPECIFIED FRP PANELS AND TRIM INSTALLED OVER JH HARDIBACKER ON THE WALLS AND CEILING. PROVIDE NOTED SEALANT AT MATERIAL INTERSECTIONS.*

REBID WALL CORNER TRIM NOTE: *SINCE WALL TILE HAS BEEN DELETED, PROVIDE THE SPECIFIED STAINLESS STEEL CORNER PROTECTOR AT EACH OUTSIDE CORNER WITHIN LOCKER ROOMS; TYP.*

No.	Date	Issue Notes
	10/2/2024	RELEASE FOR BID

No.	Date	Revision Notes	Zone	Appr
	9/29/2024	REBID REVISIONS CLOUDED		

Date: 04.25.23
Revision:
Project ID: 23703.culpeper
Drawing Code:
Plot Date: 00/00/00

Project Architect: Drawn By: Checked By: Approved By: Submitted By: Project Manager:

Design Firm
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Project Title
Culpeper County Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
DETAILS

Scale:

Sheet No.
A716
of

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT

ACOUSTICAL DETAILS

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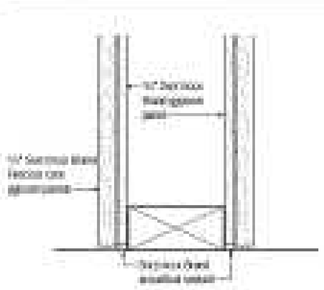
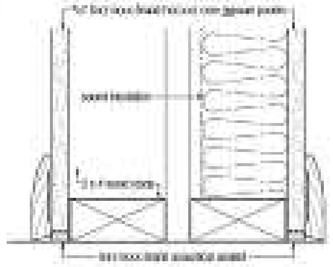
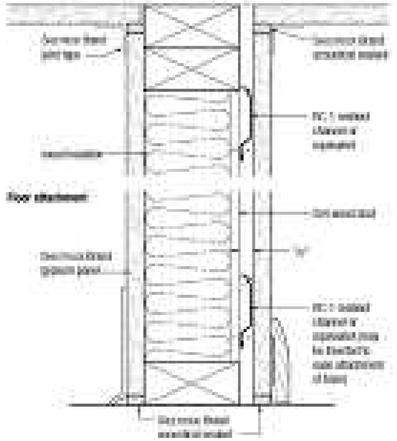
Sound resisting partition



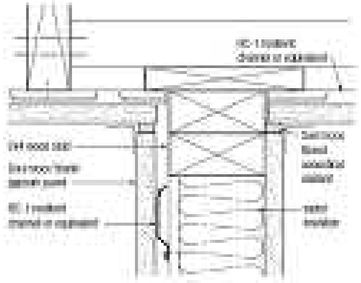
Sound isolating partition — chase wall



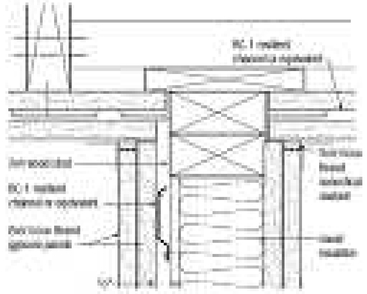
Ceiling/floor attachment — Sheetrock Brand gypsum panel



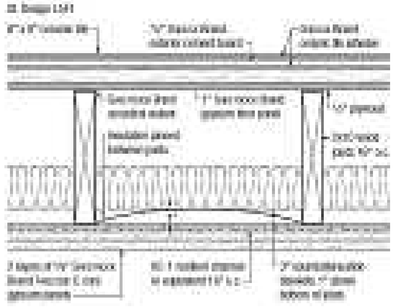
Single layer panels with RC-1 Channel



Double layer panels with RC-1 Channel

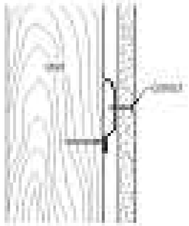


Eurpean tile

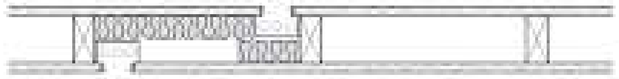


FLANKING PATH DETAILS - INTERRUPTING FLANKING PATHS

Resilient Channel Wall Framing – Recommended

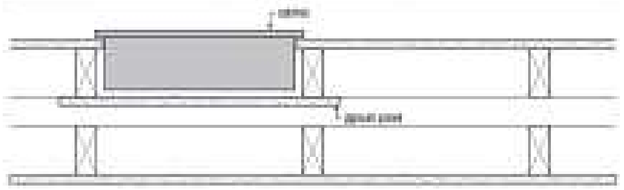


Electrical Boxes – Before

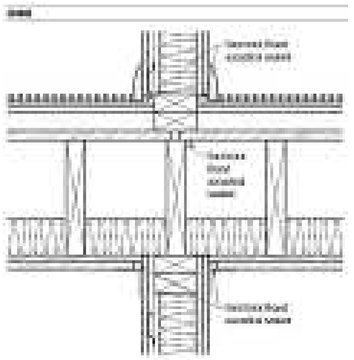


Electrical Boxes – Recommended

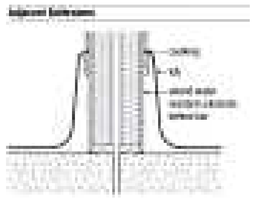
Cabinet Cutout



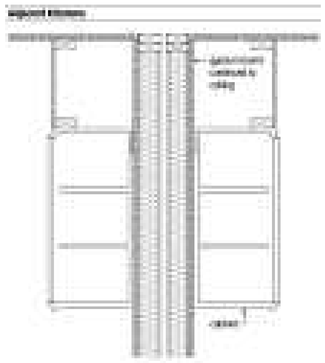
Wall



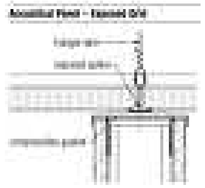
Adjacent Enclosure



Adjacent Enclosure



Acoustical Panel – Exposed Grid



Acoustical Panel – Concealed Grid

DETAILS, NOTES AND ARRANGEMENTS SHOWN ON THIS SHEET ARE PROVIDED TO HELP INDICATE THE APPLICABLE CODE COMPLIANCE REQUIREMENTS. THIS DRAWING IS IN ADDITION TO THE PLAN , ELEVATION AND SECTIONAL DRAWINGS THAT ARE PROJECT SPECIFIC AND IS INTENDED TO PROVIDE ADDITIONAL INFORMATION TO THE CONTRACTOR AND REVIEW AUTHORITIES. BOTH THIS DRAWING AND THE PROJECT SPECIFIC DRAWINGS SHALL BE REVIEWED AND THE STRICTER AND MORE EXHAUSTIVE SCOPE OF WORK SHALL BE INCLUDED IN THE PROJECT WITHOUT ADDITIONAL COST. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DRAWINGS PRIOR TO CONSTRUCTION.

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT

No.	Date	Revision Notes
1	12/7/2023	PERMIT SUBMISSION
	1/3/2024	RELEASE FOR BID

Issue Notes

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Revision Revision
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Designed By
Drawn By
Checked By
QA By
Submitted By
Project Manager

Design Firm
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Consultant

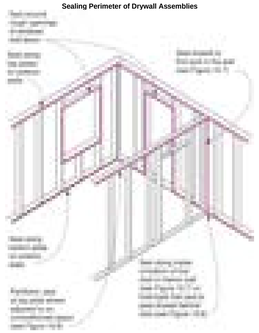
Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

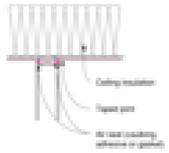
Sheet Title
ARCH FLOOR PLANS
1ST AND OPTION

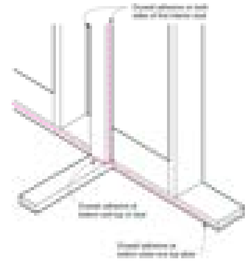
Scale

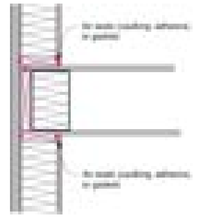
Sheet No.
A741
of

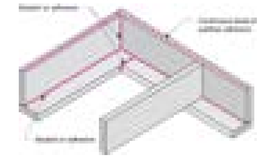
Appr
Zone











23703-air barrier-a742-120723

THERMAL ENVELOPE – AIR LEAKAGE

1. COMMERCIAL PROJECTS SHALL COMPLY WITH THE COMMERCIAL SECTIONS BELOW. RESIDENTIAL PROJECTS SHALL COMPLY WITH THE RESIDENTIAL SECTIONS BELOW.
2. REFERENCES TO THE VEC ARE TO THE 2018 VIRGINA ENERGY CODE
3. CONTRACTOR SHALL PROVIDE A THERMAL ENVELOPE OF BUILDINGS COMPLYING WITH APPLICABLE SECTIONS OF THE VEC
4. A CONTINUOUS AIR BARRIER SHALL BE PROVIDED THROUGHOUT THE BUILDING THERMAL ENVELOPE.
   - A. THE AIR BARRIER SHALL BE CONTINUOUS FOR ALL ASSEMBLIES THAT COMPRISE THE THERMAL ENVELOPE OF THE BUILDING AND ACROSS ALL JOINTS AND ASSEMBLIES.
   - B. AIR BARRIER JOINTS AND SEAMS SHALL BE SEALED, INCLUDING SEALING TRANSITIONS IN PLACES AND CHANGES IN MATERIALS. JOINTS AND SEALS SHALL BE SECURELY INSTALLED IN OR ON THE JOINT FOR ITS ENTIRE LENGTH SO AS NOT TO DISLODGE, LOOSEN OR OTHERWISE IMPAIR ITS ABILITY TO RESIST POSITIVE AND NEGATIVE PRESSURE FROM WIND, STACK EFFECT AND MECHANICAL VENTILATION.
   - C. PENETRATIONS OF THE AIR BARRIER SHALL BE CAULKED, GASKETED OR OTHERWISE SEALED IN A MANNER COMPATIBLE WITH THE CONSTRUCTION MATERIALS AND LOCATION. JOINTS AND SEALS ASSOCIATED WITH PENETRATIONS SHALL BE SEALED IN THE SAME MANNER OR TAPED OR COVERED WITH MOISTURE VAPOR-PERMEABLE WRAPPING MATERIAL. SEALING MATERIALS SHALL BE APPROPRIATE TO THE CONSTRUCTION MATERIALS BEING SEALED AND SHALL BE SECURELY INSTALLED AROUND THE PENETRATION SO AS NOT TO DISLODGE, LOOSEN OR OTHERWISE IMPAIR THE PENETRATIONS' ABILITY TO RESIST POSITIVE AND NEGATIVE PRESSURE FROM WIND, STACK EFFECT AND MECHANICAL VENTILATION. SEALING OF CONCEALED FIRE SPRINKLERS, WHERE REQUIRED, SHALL BE IN A MANNER THAT IS RECOMMENDED BY THE MANUFACTURER. CAULKING OR OTHER ADHESIVE SEALANTS SHALL NOT BE USED TO FILL VOIDS BETWEEN FIRE SPRINKLER COVER PLATES AND WALLS OR CEILINGS.
   - D. RECESSED LIGHTING FIXTURES SHALL COMPLY WITH APPLICABLE SECTIONS OF THE VEC, OR EQUIVQLENT. WHERE SIMILAR OBJECTS ARE INSTALLED THAT PENETRATE THE AIR BARRIER, PROVISIONS SHALL BE MADE TO MAINTAIN THE INTEGRITY OF THE AIR BARRIER.
5. PROVIDE MATERIALS AS SPECIFIED IN BUILDING SECTIONS, DETAILS, AND APPLICABLE SECTIONS OF THE VEC FOR A CONTINUOUS AIR BARRIER. SUCH MATERIALS SHALL HAVE AN AIR PERMEABILITY NOT GREATER THAN 0.004 cfm/ft² (0.02 L/s • m²) UNDER A PRESSURE DIFFERENTIAL OF 0.3 INCH WATER GAUGE (75 Pa) WHEN TESTED IN ACCORDANCE WITH ASTM E 2178, OR AS OTHERWISE REQUIRED BY THE VEC.
6. PROVIDE ASSEMBLIES OF MATERIALS AND COMPONENTS AS SPECIFIED IN BUILDING SECTIONS, DETAILS, AND APPLICABLE SECTIONS OF THE VEC FOR A CONTINUOUS AIR BARRIER. SUCH ASSEMBLIES OF MATERIALS AND COMPONENTS SHALL HAVE AN AVERAGE AIR LEAKAGE NOT GREATER THAN 0.04 cfm/ft2 (0.2 L/s • m2) UNDER A PRESSURE DIFFERENTIAL OF 0.3 INCH OF WATER GAUGE (w.g.)(75 Pa) WHEN TESTED IN ACCORDANCE WITH ASTM E 2357, ASTM E 1677 OR ASTM E 283 SHALL COMPLY WITH THIS SECTION, OR AS OTHERWISE REQUIRED BY THE VEC.
7. AIR LEAKAGE OF FENESTRATION ASSEMBLIES SHALL MEET THE PROVISIONS OF APPLICABLE SECTIONS OF THE VEC. TESTING SHALL BE IN ACCORDANCE WITH THE APPLICABLE REFERENCE TEST STANDARDS BY AN ACCREDITED, INDEPENDENT TESTING LABORATORY AND **LABELED BY THE MANUFACTURER**.

TABLE C402.5.2

MAXIMUM AIR LEAKAGE RATE FOR FENESTRATION ASSEMBLIESASSEMBLIES UNLESS OTHERWISE NOTED IN THE VEC

FENESTRATION ASSEMBLY	MAXIMUM RATE (CFM/FT²)	TEST PROCEDURE
WINDOWS	0.20 ᵃ	AAMA/WDMA/CSA 101/I.S.2/A440 OR NFRC 400
SLIDING DOORS	0.20 ᵃ	
SWINGING DOORS	0.20 ᵃ	
SKYLIGHTS – WITH CONDENSATION WEEPAGE OPENINGS	0.30	
SKYLIGHTS – ALL OTHER	0.20 ᵃ	
CURTAIN WALLS	0.06	NFRC 400 OR ASTM E 283 AT 1.57 PSF (75 PA)
STOREFRONT GLAZING	0.06	
COMMERCIAL GLAZED SWINGING ENTRANCE DOORS	1.00	
REVOLVING DOORS	1.00	
GARAGE DOORS	0.40	ANSI/DASMA 105, NFRC 400, OR ASTM E 283 AT 1.57 PSF (75 PA)
ROLLING DOORS	1.00	
HIGH-SPEED DOORS	1.30	

FOR SI: 1 CUBIC FOOT PER MINUTE = 0.47 L/S, 1 SQUARE FOOT = 0.093 M².

a. THE MAXIMUM RATE FOR WINDOWS, SLIDING AND SWINGING DOORS, AND SKYLIGHTS IS PERMITTED TO BE 0.3 CFM PER SQUARE FOOT OF FENESTRATION OR DOOR AREA WHEN TESTED IN ACCORDANCE WITH AAMA/WDMA/CSA101/I.S.2/A440 AT 6.24 PSF (300 PA).

8. DOORS AND ACCESS OPENINGS FROM CONDITIONED SPACE TO SHAFTS, CHUTES, STAIRWAYS AND ELEVATOR LOBBIES NOT WITHIN THE SCOPE OF THE FENESTRATION ASSEMBLIES COVERED BY APPLICABLE SECTIONS OF THE VEC SHALL BE GASKETED, WEATHERSTRIPPED OR SEALED.

   EXCEPTIONS:
   - A. DOOR OPENINGS REQUIRED TO COMPLY WITH APPLICABLE SECTIONS OF THE VEC.
   - B. DOORS AND DOOR OPENINGS REQUIRED TO COMPLY WITH UL 1784 BY VCC
9. STAIRWAY ENCLOSURES, ELEVATOR SHAFT VENTS AND OTHER OUTDOOR AIR INTAKES AND EXHAUST OPENINGS INTEGRAL TO THE BUILDING ENVELOPE SHALL BE PROVIDED WITH DAMPERS IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE VEC.
10. BUILDING ENTRANCES SHALL BE PROTECTED WITH AN ENCLOSED VESTIBULE, WITH ALL DOORS OPENING INTO AND OUT OF THE VESTIBULE EQUIPPED WITH SELF-CLOSING DEVICES. VESTIBULES SHALL BE DESIGNED SO THAT IN PASSING THROUGH THE VESTIBULE IT IS NOT NECESSARY FOR THE INTERIOR AND EXTERIOR DOORS TO OPEN AT THE SAME TIME.

23703-air barrier-a742-120723

Sealing Perimeter of Drywall Assemblies

Top Plate with Unconditioned Space Above

- PENETRATIONS THROUGH TOP PLATE MUST ALSO BE SEALED

Airtight Drywall Approach – Interior Air Barrier Using Drywall and Framing

23703-air barrier-a742-120723

- ADHESIVE AT BOTTOM AND TOP OF PARTITION STUD ALLOWS AIR BARRIER TO TRANSITION UNINTERRUPTED TO OTHER SIDE OF PARTITION
- PENETRATIONS THROUGH FIRST PARTITION STUD MUST ALSO BE SEALED

A. PENETRATIONS OF DRYWALL ASSEMBLIES. TYPICAL PENETRATIONS IN EXTERIOR WALL AND CEILING DRYWALL ASSEMBLIES INCLUDE ELECTRIC PENETRATIONS – ELECTRIC BOXES AND RECESSED FIXTURES. CAULK OR SEAL ALL OPENINGS IN ELECTRIC BOXES AND RECESSED FIXTURES (INCLUDING AROUND WIRE PENETRATIONS) AND SEAL THE FACE OF THE BOX TO THE DRYWALL. SPECIALLY DESIGNED AIRTIGHT ELECTRIC BOXES WITH FLEXIBLE BOOT SEALS AT WIRE PENETRATIONS AND A GASKETED FLANGE AT THE FACE CAN ALSO PROVIDE AIR BARRIER CONTINUITY.

Electric Box Penetrations

23703-air barrier-a742-120723

Recessed Fixture in Insulated Ceiling

C. STRUCTURAL FRAMING AIR BARRIER TRANSITIONS. DRYWALL CANNOT PROVIDE AN AIR BARRIER WHERE IT IS ABSENT. THE DIAGRAMS BELOW SHOW HOW THE AIR BARRIER CONTINUITY IS MAINTAINED THROUGH THE FRAMING AT RIM JOIST/BAND JOIST AREAS. THESE MEASURES FORM A NECESSARY COMPLEMENT TO DRYWALL SEALING IN THE AIRTIGHT DRYWALL APPROACH.

Intersection of Floor Joists and Exterior Wall

- DRYWALL SEALED TO TOP AND BOTTOM PLATES
- BOTTOM PLATE SEALED TO SUBFLOOR
- SUBFLOOR SEALED TO RIM CLOSURE BOARD
- RIM CLOSURE BOARD SEALED TO TOP PLATE

Air Barrier Continuity at Rim Joist/Band Joist

23703-air barrier-a742-120723

11. TYPICAL DETAILS MAY INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
    - A. DRYWALL ASSEMBLY PERIMETER. GPDW IS A SUITABLE AIR BARRIER MATERIAL. TAPE DRYWALL SEAMS. CREATE AIR BARRIER CONTINUITY AT THE PERIMETER OF DRYWALL ASSEMBLIES, AT ALL PENETRATIONS THROUGH THE DRYWALL, AND IN AREAS OF THE ENCLOSURE WITHOUT INTERIOR DRYWALL. SEAL EDGES OF DRYWALL TO SOLID FRAMING MATERIALS. THIS REQUIRES A CONTINUOUS BEAD OF SEALANT ALONG:
      - (1) ALL EXTERIOR WALL BOTTOM AND TOP PLATES;
      - (2) ALL TOP PLATES AT INSULATED CEILINGS;
      - (3) ROUGH OPENING PERIMETERS, AND
      - (4) BOTH SIDES OF THE FIRST INTERIOR STUD OF PARTITION WALLS.
12. CONTRACTOR SHALL PROVIDE SCHEDULING, SEQUENCING OF CONSTRUCTION, AND COORDINATION OF TRADES TO ENSURE CONTINUITY OF THE AIR BARRIER BETWEEN MATERIALS, JOINTS AND ASSEMBLIES, AND TO ASSIGN RESPONSIBILITY FOR SEALING VARIOUS AIR BARRIER PENETRATIONS.

BUILDING COMPONENTS TO BE SEALED AND WHO MIGHT BE RESPONSIBLE FOR SEALING THOSE COMPONENTS

BUILDING COMPONENTS	CONTRACTOR/TRADE
CEILING/ATTIC, KNEEWALLS, ATTIC ACCESS, RECESSED LIGHTING, WALLS, FLOORS, GARAGE SEPARATION, ELECTRICAL AND SERVICE PENETRATIONS IN CEILING, FLOORS, AND WALLS	• INSULATION/AIR SEALING INSTALLERS • GYPSUM BOARD CONTRACTORS • FOUNDATION CONTRACTORS • ELECTRICIANS • ROOFERS • FRAMERS • GENERAL CONTRACTORS
SERVICE WATER PIPING, PENETRATIONS FOR WATER SUPPLY AND DEMAND	• PLUMBERS • ELECTRICIANS
RIM JOISTS, SILL PLATES, WINDOWS, SKYLIGHTS, DOORS, PORCH ROOF, SHOWER/TUB ON EXTERIOR WALL, ELECTRICAL BOX ON EXTERIOR WALL, FIREPLACE	• FRAMERS • ROOFERS • PLUMBERS • ELECTRICIANS • INSULATION/AIR SEALING INSTALLERS • WINDOW AND DOOR INSTALLERS • GENERAL CONTRACTORS
DUCTS, PIPING, SHAFTS, PENETRATIONS, REGISTER BOOTS	• HVAC INSTALLERS
ALL OF THE ABOVE	• INSPECTORS • GENERAL CONTRACTORS

13. AT THE ARCHITECT'S OR OWNER'S REQUEST, CONTRACTOR SHALL DEVELOP, INSTITUTE AND CONDUCT QUALITY ASSURANCE PROCEDURES TO VERIFY THAT THE CONTINUOUS AIR BARRIER IS CONSTRUCTED WITHOUT HOLES OR GAPS. PROCEDURES ARE TO BE REVIEWED BY ARCHITECT.
14. CONTRACTOR SHALL SCHEDULE, AND FACILITATE INSPECTIONS AND TESTING AS REQUIRED TO VERIFY CODE COMPLIANCE OF AIR BARRIER. THESE MAY INCLUDE AHJ INSPECTIONS, THIRD PARTY INSPECTIONS OR ARCHITECT/OWNEER INSPECTIONS.
15. AN INDEPENDENT AGENCY MAY BE ENGAGED BY THE OWNER TO PERFORM INSPECTIONS, SAMPLING, AND TESTING OF AIR BARRIER MATERIALS, COMPONENTS AND ASSEMBLIES AS REQUIRED BY CODE AND LOCAL CODE OFFICIAL DURING INSTALLATION OF THE AIR BARRIER SYSTEM. THE AGENCY WILL PROVIDE AT THE OWNER'S REQUEST, THE FOLLOWING:
    - A. DAILY REPORTS OF OBSERVATIONS, WITH COPIES TO THE OWNER, CONTRACTOR AND ARCHITECT;
    - B. PROVIDE WRITTEN TEST REPORTS OF ALL TESTS PERFORMED WITH COPIES TO THE OWNER, CONTRACTOR AND ARCHITECT.
    - C. THE AGENCY SHALL NOTIFY ARCHITECT AND CONTRACTOR PROMPTLY OF IRREGULARITIES OR DEFICIENCIES OBSERVED DURING PERFORMANCE OF ITS SERVICES.
    - D. THE AGENCY IS NOT AUTHORIZED TO RELEASE, REVOKE, ALTER, OR ENLARGE REQUIREMENTS OF THE CONTRACT DOCUMENTS OR APPROVE OR ACCEPT ANY PORTION OF THE WORK.
    - E. THE AGENCY SHALL NOT PERFORM ANY DUTIES OF THE CONTRACTOR.
16. CONTRACTOR SHALL COORDINATE THE SEQUENCE OF ACTIVITIES TO ACCOMMODATE INSPECTIONS, SAMPLING, AND TESTING WITH A MINIMUM OF DELAY. COORDINATE ACTIVITIES TO AVOID THE NECESSITY OF REMOVING AND REPLACING CONSTRUCTION TO ACCOMMODATE INSPECTIONS AND TESTS.
17. SUBMITTALS: SEE SUBMITTAL AND SHOP DRAWING LOG.
18. UPON COMPLETION OF INSPECTIONS, TESTING, SAMPLING AND SIMILAR SERVICES BY INDEPENDENT AGENCY, CONTRACTOR SHALL REPAIR DAMAGED CONSTRUCTION AND RESTORE SUBSTRATES AND FINISHES. COMPLY WITH CONTRACT DOCUMENT REQUIREMENTS FOR DIVISION 1 SECTION "CUTTING AND PATCHING."
19. CONTRACTOR SHALL PROTECT CONSTRUCTION EXPOSED AND/OR REPAIRED DUE TO QUALITY CONTROL SERVICE ACTIVITIES.
20. WHERE THERE ARE TWO OR MORE DWELLING UNITS ARE LOCATED WITHIN THE ***BUILDING THERMAL ENVELOPE*** OF A ***BUILDING***, THE TESTING PROCEDURES MAY VARY AND INCLUDE ALTERNATE TESTING PROCEDURES AS NOTED IN APPLICABLE SECTIONS OF THE VEC: NOT APPLICABLE TO THIS PROJECT.

23703-air barrier-a742-120723

Air Sealing at Partition

23703-air barrier-a742-120723

B. RECESSED LUMINAIRES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITIONED AND UNCONDITIONED SPACES. ALL RECESSED LUMINARIES SHALL BE IC-RATED, AND **LABELED** AS HAVING AN AIR LEAKAGE RATE OF NOT MORE 2.0 CFM (0.944 L/S) WHEN TESTED IN ACCORDANCE WITH ASTM E 283 AT A 1.57 PSF (75 PA) PRESSURE DIFFERENTIAL OR AS OTHERWISE NOTED IN APPLICABLE SECTIONS OF THE VEC. ALL RECESSED LUMINAIRES SHALL BE SEALED WITH A GASKET OR CAULK BETWEEN THE HOUSING AND INTERIOR WALL OR CEILING COVERING.

23703-air barrier-a742-120723

- CONTINUOUS FILLET BEAD APPLIED AT BOTTOM OF RIM CLOSURE BOARD
- CONTINUOUS BEAD OF ADHESIVE APPLIED TO TOP OF RIM CLOSURE BOARD
- SEALANT APPLIED AT ALL BUTT JOINTS IN RIM CLOSURE BOARD AND SILL PLATE/TOP PLATE
- SPRAY FOAM MAY ALSO BE USED TO SEAL BETWEEN THE SILL/ TOP PLATE, RIM/BAND JOIST, AND FLOOR DECK. NOTE THAT
- JOINTS IN THE SILL/TOP PLATE MAY NOT BE SEALED BY THE FOAM APPLICATION.

DETAILS, NOTES AND ARRANGEMENTS SHOWN ON THIS SHEET ARE PROVIDED TO HELP INDICATE THE APPLICABLE CODE COMPLIANCE REQUIREMENTS. THIS DRAWING IS IN ADDITION TO THE PLAN , ELEVATION AND SECTIONAL DRAWINGS THAT ARE PROJECT SPECIFIC AND IS INTENDED TO PROVIDE ADDITIONAL INFORMATION TO THE CONTRACTOR AND REVIEW AUTHORITIES. BOTH THIS DRAWING AND THE PROJECT SPECIFIC DRAWINGS SHALL BE REVIEWED AND THE STRICTER AND MORE EXHAUSTIVE SCOPE OF WORK SHALL BE INCLUDED IN THE PROJECT WITHOUT ADDITIONAL COST. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DRAWINGS PRIOR TO CONSTRUCTION.

NORMAN KEFAUVER SMITH
No. 011465

Zone	Appr

No.	Date	Revision Notes

No.	Date	Issue Notes
	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION

Designed By
Drawn By
Checked By
Reviewed By
Submitted By
Project Manager

Date 12/6/2023
Revision Revision
Project ID 23703;culpeper
Drawing Code Drawing Code
CAD File Name
Plot Date 00/00/00

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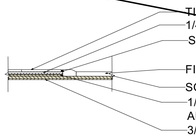
Consultant

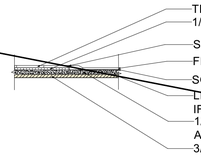
Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

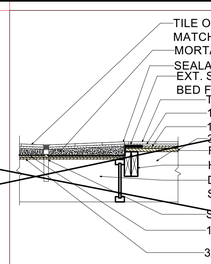
Sheet Title
ARCH FLOOR PLANS
1ST AND OPTION

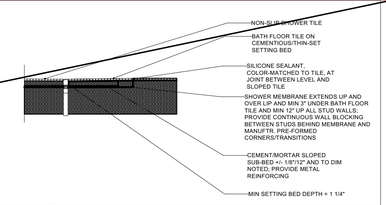
Scale

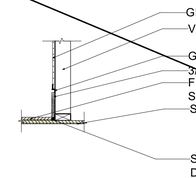
Sheet No.
A742
of

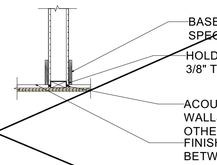


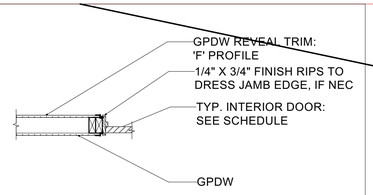


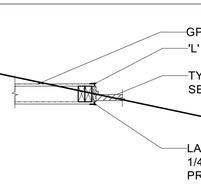


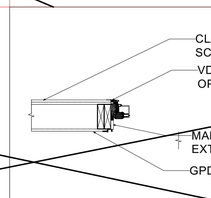


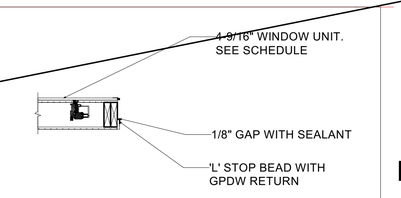


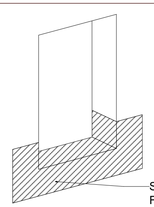


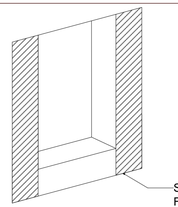


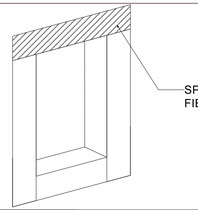


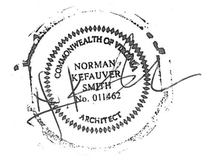












BATHROOM DOOR THRESHOLD
@ PLYWOOD/OSB SUBFLOOR

BATHROOM DOOR THRESHOLD @ LIGHT WEIGHT
CONCRETE FLOOR

SECTION DETAIL @ ROLL IN SHOWER
@ WOOD FRAMING

SECTION DETAIL @ ROLL-IN SHOWER
@ CONC SLAB

N/A

SECTION DETAIL @ REVEAL FLUSH
BASE TRIM

SECTION DETAIL @ OVERLAY BASE TRIM

N/A

PLAN DETAIL @ REVEAL TRIM INTERIOR DOOR

PLAN DETAIL @ OVERLAY GPDW TRIM @
INTERIOR DOOR

PLAN DETAIL @ EXTERIOR WITH 2X6 JAMB
EXTENSION RETURN

PLAN DETAIL @ 2X6 WALL WITH GPDW RETURN

N/A

TYPICAL WALL OPENING FLASHING

SEE DRAWING & SPECIFICATIONS IF PROVIDED FOR ADDITIONAL SPECIFICATIONS & REQUIREMENT.

TYPICAL WALL OPENING FLASHING

SEE DRAWING & SPECIFICATIONS IF PROVIDED FOR ADDITIONAL SPECIFICATIONS & REQUIREMENT.

TYPICAL WALL OPENING FLASHING

SEE DRAWING & SPECIFICATIONS IF PROVIDED FOR ADDITIONAL SPECIFICATIONS & REQUIREMENT.

NORMAN KEFAUVER SMITH
No. 011462

No.	Date	Revision Notes	Zone	Appr

No.	Date	Issue Notes
	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION

Designed By	Date 12/6/2023
Drawn By	Revision Revision
Checked By	Project ID 23703;culpeper
Reviewed By	Drawing Code Drawing Code
Submitted By	CAD File Name
Project Manager	Plot Date 00/00/00

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Consultant

Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
TYPICAL DETAILS

Scale

Sheet No.
A752
of

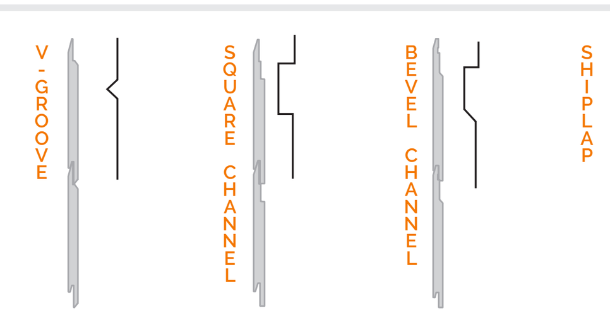
Artisan® Siding with Lock Joint System

MULTIFAMILY / COMMERCIAL INSTALLATION REQUIREMENTS

EFFECTIVE JULY 2020

IMPORTANT: FAILURE TO FOLLOW JAMES HARDIE WRITTEN INSTALLATION INSTRUCTIONS AND COMPLY WITH APPLICABLE BUILDING CODES MAY VIOLATE LOCAL LAWS, AFFECT BUILDING ENVELOPE PERFORMANCE AND MAY AFFECT WARRANTY COVERAGE. FAILURE TO COMPLY WITH ALL HEALTH AND SAFETY REGULATIONS WHEN CUTTING AND INSTALLING THIS PRODUCT MAY RESULT IN PERSONAL INJURY. BEFORE INSTALLATION, CONFIRM YOU ARE USING THE CORRECT HARDIEZONE® PRODUCT INSTRUCTIONS BY VISITING HARDIEZONE.COM OR CALL 1-866-942-7343 (866-9-HARDIE).

All profiles can be installed horizontally, vertically, and as soffit.



STORAGE

Store flat and keep dry and covered prior to installation. Installing siding wet or saturated may result in shrinkage at joints. Protect edges and corners from breakage. James Hardie is not responsible for damage caused by improper storage and handling of the product

HANDLING

To prevent damage to edges, extra care should be taken when removing planks from the pallet, while handling, and when installing. Planks are interlocked together on the pallet, therefore they should be removed from the pallet horizontally (side to side) to allow planks to unlock themselves from one another.

CUTTING INSTRUCTIONS

1. Position cutting station so that wind will blow dust away from user and others in working area.
2. Use one of the following methods:
   a. **Best**: Circular saw equipped with a HardieBlade® saw blade and attached vacuum dust collection system
   b. **Better**: Circular saw equipped with a HardieBlade saw blade and a dust collection feature (e.g. Roan® Saw)
   C. **Good**: Circular saw equipped with a HardieBlade saw blade

For maximum dust reduction, James Hardie recommends using the "Best" cutting practices.
For best performance when cutting with a circular saw, James Hardie recommends using HardieBlade saw blades.

– **NEVER** grind or cut with a power saw indoors.
– **NEVER** dry sweep dust; use wet dust suppression or vacuum to collect dust.

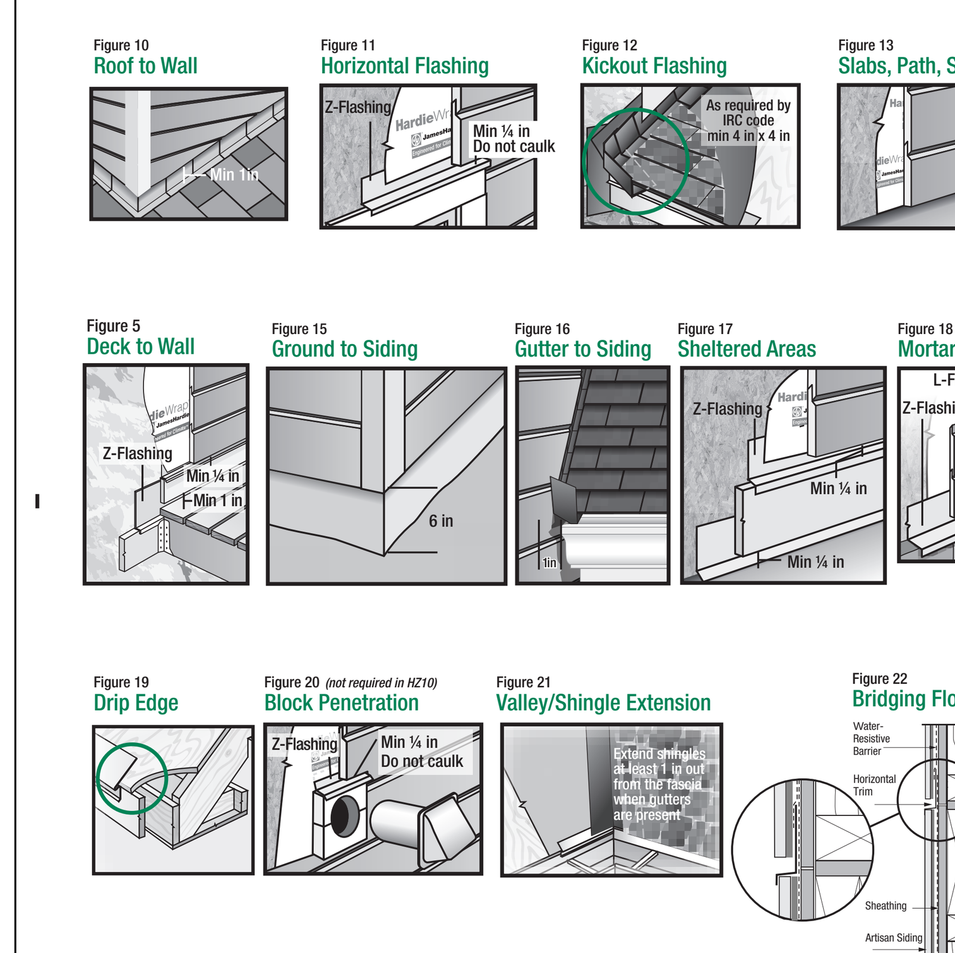
NOTE: James Hardie makes no representation or warranty that use of a particular cutting option will assure your compliance with applicable laws and safety requirements. If you are unsure which cutting option is best for your jobsite, consult a qualified industrial hygienist or safety professional, or contact your James Hardie representative for assistance.

ASPYRE COLLECTION by JamesHardie

V-GROOVE | SQUARE CHANNEL | BEVEL CHANNEL | SHIPLAP

Visit aspyredesign.com for the most recent version.

CLEARANCE AND FLASHING REQUIREMENTS

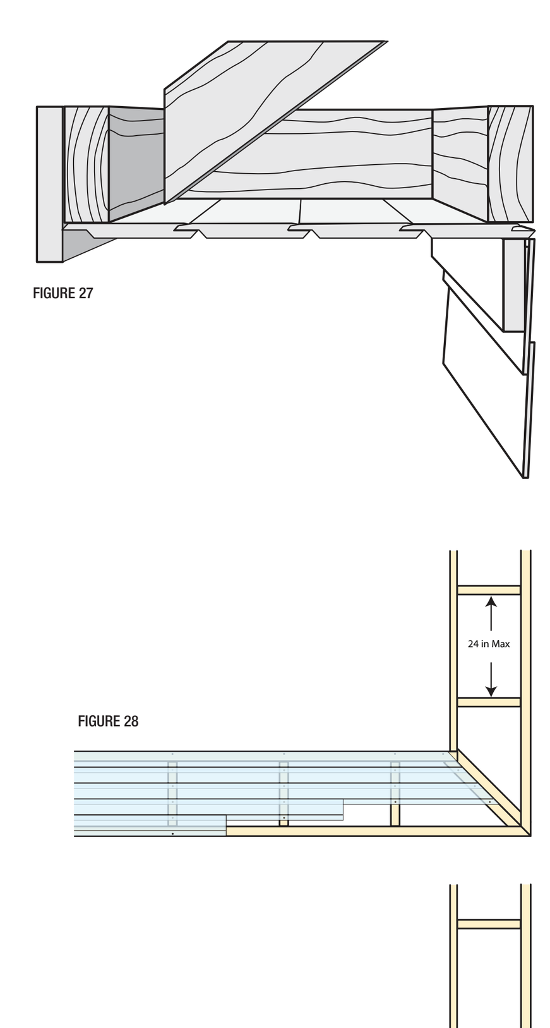


ARTISAN SIDING PRODUCTS AS SOFFIT

- Artisan siding with Lock Joint System may be installed in soffit applications over wood or steel framing spaced a maximum of 24 inches on center.
- Refer to product Technical Data Sheet for wind load and fastening information.
- Additional framing may be needed to ensure proper fastening.
- Artisan siding can be installed in the long direction (fig. 28) or the short direction (fig. 29)
- Plan and cut out for any venting requirements prior to installation of Artisan siding.
- Artisan siding butt joints are to land off stud (fig. 29). Install butt joints in moderate contact in soffit applications (caulking, H covers, and battens are also acceptable)

Fastening

- BLIND NAILING: Place fastener no closer than 1 in from Artisan siding ends and 1 in. down from top of Artisan siding.
- FACE NAILING: Place fastener no closer than 1 in from Artisan siding ends and 2 in from bottom of Artisan siding.



TECHNICAL DATA SHEET

Effective April 2018

Artisan® Siding with Lock Joint System

All national, state, and local building code requirements must be followed and where they are more stringent than the Artisan® Lap Siding installation requirements, state and local requirements will take precedence.

Document Scope

This document applies to the following Artisan® Siding products with the Lock Joint System: Artisan V-Groove, Artisan Square Channel, Artisan Bevel Channel, Artisan Cove, and Artisan Shiplap. The use of these products are limited to buildings (residential, commercial, and multifamily) not exceeding 85 feet in height.

General Description

Artisan Siding with Lock Joint System is noncombustible fiber-cement siding, manufactured by James Hardie Building Products Inc.

Product Dimension

Thickness – 5/8 inch Length – 12 feet Width – Available in 8¼ or 10 ¼ inches

Product Composition

Artisan Siding with Lock Joint System is a *Grade II, Type A*, fiber-cement flat sheet as defined by ASTM C 1186. The siding is manufactured by the Hatschek process and cured by high pressure steam autoclaving.

Code Compliance

Artisan Siding with Lock Joint System complies with:

- *The 2006, 2009, 2012, and 2015 International Building Code® (IBC) Section 1404.10 and 2006, 2009, 2012, and 2015 International Residential Code® (IRC) Table R703.4 and SectionR703.10.1 as ASTM C 1186 Grade II, Type A (ISO 8336, Category A, Class 2) Fiber Cement.*

Wind Design:

- Design Tables 2 and 3 provide allowable capacity in mph for transverse load conditions for Artisan Siding with Lock Joint System attached to either wood or metal framing, tested in accordance to ASTM E 330.
- Wood framing and furring shall have a s.g. of 0.42 or greater unless otherwise stated.
- Metal framing and furring shall be a minimum of 20 gauge structural (33 mil) to a maximum of 16 gauge (54 mil).

Fire Characteristics:

- Artisan Siding with Lock Joint System is classified as noncombustible when tested in accordance with ASTM E136.
- Artisan Siding with Lock Joint System may be used in ASTM E119 fire resistance rated assemblies as listed by Warnock Hersey (for more information, contact James Hardie at 1-888 J-HARDIE (1-888 542-7343) or info@JamesHardie.com): 60 minute design JH/FCS 60-01, JH/FCS 60-02, and JH/FCS 60-04.
- Artisan Siding with Lock Joint System are Class A material according to 2006, 2009, 2012, and 2015 IBC Section 803.1.1. Surface burning characteristics in accordance with ASTM E 84: Flame Spread Index = 0 and Smoke Developed Index ≤ 5.
- The building official reserves the right to approve alternate materials, design and methods of construction based on research reports and/or tests based on 2006, 2009, 2012, and 2015 IBC Section 104.11, 2006, 2009, 2012, and 2015 IRC Section R104.11.
- Test reports can be furnished to the building official upon request, contact your local James Hardie sales representative.

Installation Requirements

- Artisan Siding with Lock Joint System shall be installed on exterior walls braced in accordance with the applicable building code.
- A water-resistive barrier complying with Section 1403.2 of the IBC or Section R703.2 of the IRC is required to be installed.
- Install Artisan lap siding in accordance with this report and the James Hardie's published installation requirements. For a copy contact your local James Hardie sales representative or visit www.AspyreDesign.com or www.JamesHardie.com.

Table 1, Artisan Siding with Lock Joint System ASTM C 1186 Physical Properties and Supplementary Requirements

	ASTM Test Method	General Property	Unit or Characteristic	Requirement	Result
Physical Attributes	ASTM C1185	Dimensional Tolerances	Length Width Thickness Squareness Edge Straightness	± 0.5% or ±1/4 in ± 0.5% or ±1/4 in ± 0.04 in <1/32 in/ft of length <1/32 in/ft of length	Pass
	ASTM C1185	Density, lb/ft³		As reported	<75
	ASTM C1185	Water Tightness	Physical Observations	No drop formation	Pass
	ASTM C1185	Flexural Strength	Wet conditioned, psi Equilibrium conditioned, psi	>1015 psi >1450 psi	Pass
Durability	ASTM C1185	Warm Water Resistance, Observations	Physical Observations	No visible cracks or structural alteration	Pass
	ASTM C1185	Heat/Rain Resistance	Physical Observations	No visible cracks or structural alteration	Pass
	ASTM C1185	Freeze/Thaw Resistance	Physical Observations Mass Loss, % Freeze/Thaw, % strength retention	No visible cracks or structural alteration ≤ 3.0% ≥ 80%	Pass
	ASTM G23	UV Accelerated Weathering Test	Physical Observations	No cracking, checking, or crazing	Pass
Fire Characteristics	ASTM E84	Surface Burning Characteristics	Flame Spread Index (FSI) Smoke Developed Index (SDI) Fuel Contributed		0 ≤ 5 0
			NFPA Class Uniform Building Code Class International Building Code® class	As reported	A 1 A
	ASTM E136	Noncombustibility	Noncombustible		Pass

Corner trims | Slimline corner trims designed to deliver a sleek contemporary look.

Low-Profile Inside Corner Trim – Aluminum extrusion to be used for inside corners.

Low Profile 45˚ Inside Corner Trim – Aluminum extrusion to be used for bay windows.

Inside Corner Trim – Aluminum extrusion to be used for inside corners.

Low Profile 45˚ Outside Corner Trim – Aluminum extrusion to be used for bay windows.

Low-Profile Outside Corner Trim – Aluminum extrusion to be used for outside corners.

Transition trims | Helps accentuate transition areas for a more complete and finished look.

Low Profile Inside Corner Transition – Provides clean vertical and horizontal options for transitions from panel siding to lap siding.

2-piece J Trim – Provides a clean finish at openings, edges of panels and at material transitions.

Low Profile Outside Corner Transition – Very popular face sizes which offer a clean outside corner for transitioning from vertical siding panels to lap siding.

J Trim – Aluminum extrusion to be used as a trim at abutments (e.g. soffits, masonry, windows, etc.).

Vertical Siding H-Mold Transition – Designed to cover vertical joints where you transition from panel siding to lap siding.

Joint and end trims | Designed for clean finishes on short and cut ends of panels.

Vertical Y Trim – Aluminium extrusion to be used along vertical butt joints. For horizontal panel orientations only.

Vertical H Trim – Aluminium extrusion to be used along vertical butt joints. For horizontal panel orientations only.

Low Profile Horizontal Z Trim – Aluminium extrusion to be used along horizontal control joints.

Horizontal Z Flashing Trim – Aluminum extrusion to be used along horizontal control joints.

Base trims | Base trim and accessories for a clean and robust ground finish.

Base Trim – Aluminum extrusion to be used as a base edge solution.

Base Outside Corner Trim – To be used as an outside corner connection for Base trim.

Base Outside Inside Trim – To be used as an inside corner connection for Base trim.

Base Jointer – To be used to connect Base trims.

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JamesHardie

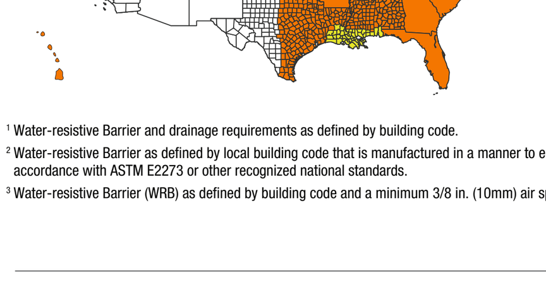
GENERAL REQUIREMENTS

- Refer to table 1 for multifamily/commercial drainage requirements for Artisan with Lock Joint System siding.
- Artisan® siding can be installed over braced wood or steel studs, 20 gauge (33 mils) minimum to 16 gauge (54 mils) maximum, spaced a maximum of 24 in o.c. or directly to minimum 7/16 in thick OSB sheathing. See General Fastening Requirements. Irregularities in framing and sheathing can mirror through the finished application. Correct irregularities before installing siding.
- Information on installing James Hardie products over non-nailable substrates (ex: gypsum, foam,etc.) can be located in JH Tech Bulletin 19 at www.jameshardiepros.com
- A water-resistive barrier is required in accordance with local building code requirements. The water-resistive barrier must be appropriately installed with penetration and junction flashing in accordance with local building code requirements. James Hardie will assume no responsibility for water infiltration. James Hardie does manufacture HardieWrap® Weather Barrier, a non-woven non-perforated housewrap, which complies with building code requirements.
- Adjacent finished grade must slope away from the building in accordance with local building codes - typically a minimum of 6 in in the first 10 ft
- Do not use Artisan® siding in Fascia or Trim applications.
- Artisan siding may be installed on vertical wall applications only.
- Do not install James Hardie® products such that they may remain in contact with standing water.
- The designer and/or architect should take into consideration the coefficient of thermal expansion and moisture movement of the product in their design. This information can be found in the Technical Bulletin #8 "Expansion Characteristics of James Hardie Siding Products at www.aspyredesign.com.
- Consult Artisan Siding with Lock Joint System Technical Data Sheet at www.jameshardiepros.com.
- James Hardie Building Products provides installation /wind load information for buildings with a maximum mean roof height of 85 feet. For information on installations above 60 feet, please contact JH technical support.

TABLE 1: ARTISAN® WITH LOCK JOINT SYSTEM SIDING WALL DRAINAGE REQUIREMENTS

(see page 5 for additional vertical installation requirements)

All national, state, and local building codes must be followed, and where they are more stringent than James Hardie Installation requirements, state and local requirements will take precedence. Consult the "Exterior Wall Drainage Requirements" bulletin at www.jameshardiecommercial.com for additional guidance and a more detailed list of drainage required areas.



MINIMUM REQUIREMENTS BY STATE/COUNTY

- (A) WRB[1] *Dry Climates*
- (B) DRAINAGE PLANE (E.G. DRAINABLE WRB) WITH 90% DRAINAGE EFFICIENCY[2] *Moist and Marine Climates*
- (C) RAINSCREEN (MIN. 3/8 IN. AIR GAP)[3] *Severe Wind Driven Rain Climate*

[1] Water-resistive Barrier and drainage requirements as defined by building code.
[2] Water-resistive Barrier as defined by local building code that is manufactured in a manner to enhance drainage; must meet minimum 90% drainage efficiency when tested in accordance with ASTM E2273 or other recognized national standards.
[3] Water-resistive Barrier (WRB) as defined by building code and a minimum 3/8 in. (10mm) air space between the WRB and the panel siding (formed by minimum 3/8 in. furring).

INSTALLATION

A. Follow all clearance requirements.
B. A starter strip is not needed.
C. Level and install starter course.
Tip: Use a small scrap piece of siding to use as a block to seat the siding into the course below.
D. Artisan® siding butt joints shall land a minimum 2 in off stud (fig. 1, 4, or 7).
E. Artisan siding can now be installed by stacking the siding onto the course below. This can be completed by one person without the need of a lap gauge.
F. Measure occasionally to ensure siding is level and has proper reveal.
G. In areas such as gables, under windows, or other areas where stacking may be difficult use one of the following methods
1. Cut the material in sections, install first section into place. Take remaining section and slide into place, then fasten both sections.
2. Using a utility knife, cut the bottom lip from the siding and install in the traditional method.

JOINT TREATMENT

- Vertical Joints - Artisan with Lock Joint System siding butt joints can be treated with either caulk figures 2, 5, 8) or by removing minimum 3 in of locking lip from both ends of siding then place a joint flashing.
- Horizontal Joints - Provide positive slope Z-flashing at all required horizontal joints: between floors; window heads; door heads; belly bands; etc. (figures 3, 6, 9).

ARTISAN SIDING INSTALLED VERTICALLY

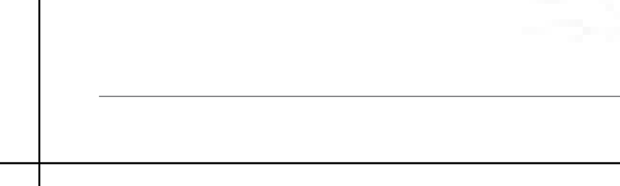
The vertically installed Artisan siding with Lock Joint System shall not bridge floors. A horizontal joint shall be created between floors, and z-flashing shall be provided at each horizontal joint.

- A thru-wall flashing tying the z-flashing back to the drainage plane should be provided every other floor.

Only full length pieces shall be used per each floor section, except where abutting wall openings and penetrations. Do not create horizontal butt joints between planks.

A bead of sealant must be placed along the entire length inside each groove of the lock joint about to be installed on the wall. (see Fig. 23).

FIGURE 23



GENERAL FASTENING REQUIREMENTS

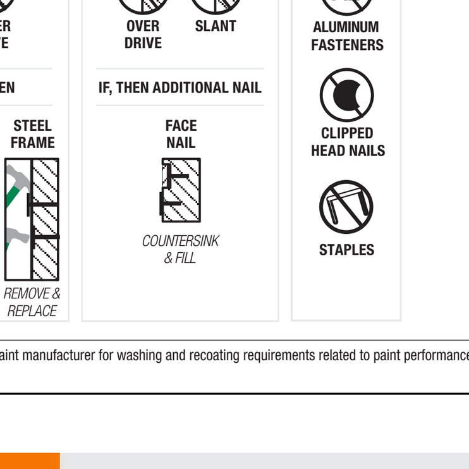
Fasteners must be corrosion resistant, galvanized, or stainless steel. Electro-galvanized are acceptable but may exhibit premature corrosion. James Hardie recommends the use of quality, hot-dipped galvanized nails. James Hardie is not responsible for the corrosion resistance of fasteners. Stainless steel fasteners are recommended when installing James Hardie products near the ocean, large bodies of water, or in very humid climates.

Manufacturers of ACQ and CA preservative-treated wood recommend spacer materials or other physical barriers to prevent direct contact of ACQ or CA preservative-treated wood and aluminum products. Fasteners used to attach HardieTrim Tabs to preservative-treated wood shall be of hot dipped zinc-coated galvanized steel or stainless steel.

- Consult applicable product evaluation or listing for correct fasteners type and placement to achieve specified design wind loads.
- NOTE: Published wind loads may not be applicable to all areas where Local Building Codes have specific jurisdiction. Consult James Hardie Technical Services if you are unsure of applicable compliance documentation.
- Drive fasteners perpendicular to siding and framing.
- Fastener heads should fit snug against siding (no air space).
- Do not over-drive nail heads or drive nails at an angle.
- If nail is countersunk, fill nail hole and add a nail.
- For wood framing, under driven nails should be hit flush to the plank with a hammer (For steel framing, remove and replace nail).
- Do not use aluminum fasteners, staples, or clipped head nails.

PNEUMATIC FASTENING

James Hardie products can be hand nailed or fastened with a pneumatic tool. Pneumatic fastening is highly recommended. Set air pressure so that the fastener is driven snug with the surface of the siding. A flush mount attachment on the pneumatic tool is recommended. This will help control the depth the nail is driven. If setting the nail depth proves difficult, choose a setting that under drives the nail. (Drive under driven nails snug with a smooth faced hammer - Does not apply for installation to steel framing).



CAULKING & PAINTING

Elastomeric Joint Sealant complying with ASTM C920 Grade NS, Class 25 or higher or a Latex Joint Sealant complying with ASTM C834. Caulking/Sealant must be applied in accordance with the caulking/sealant manufacturer's written instructions. **Note: Some caulking manufacturers do not allow tooling.**

DO NOT use stain, oil/alkyd base paint, or powder coating on James Hardie® Products. Factory primed James Hardie products must be painted within 180 days. 100% acrylic topcoats are recommended. Do not paint when wet. For application rates refer to paint manufacturers specifications. Back-rolling is recommended if the siding is sprayed.

CUT EDGE TREATMENT

Caulk, paint or prime all field cut edges.

CARE & MAINTENANCE

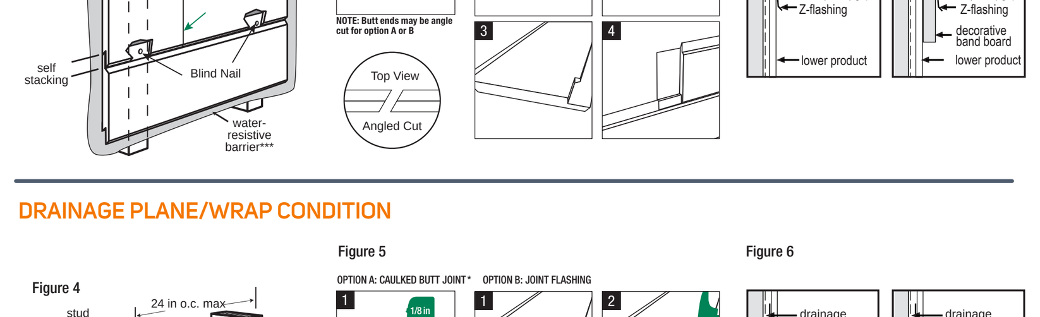
As a guide, it is recommended that normal maintenance tasks shall include but not be limited to:

- Washing down the exterior surfaces every 6 to 12 months with a garden hose or low pressure water spray to remove dirt and debris.*
- Re-applying of exterior finishes.*
- Maintaining the exterior envelope and connections including joints, penetrations, flashings, and sealants (caulking) that may provide a means of moisture entry beyond the exterior cladding.
- Cleaning out gutters, blocked pipes, and overflows as required.
- Pruning back vegetation that is touching the building. Clearance between the siding and shrubs is recommended.
- Ensuring required external ground clearances and drainage slopes are maintained.

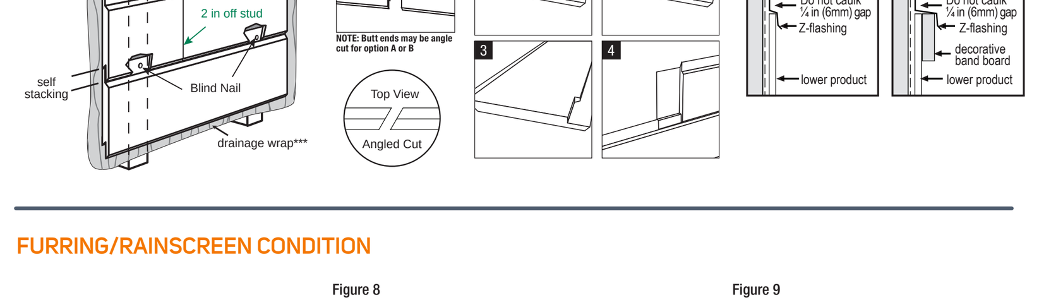
*Refer to your paint manufacturer for washing and recoating requirements related to paint performance.

Table 1 (cont.)

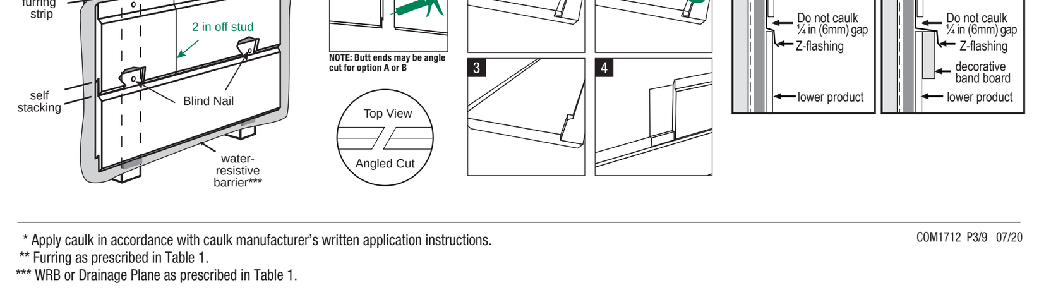
WATER RESISTIVE BARRIER CONDITION



DRAINAGE PLANE/WRAP CONDITION



FURRING/RAINSCREEN CONDITION



* Apply caulk in accordance with caulk manufacturer's written application instructions.
** Furring as prescribed in Table 1.
*** WRB or Drainage Plane as prescribed in Table 1.

Fastening to Furring

Where James Hardie wall drainage guidelines require installation over furring, only a steel hat channel furring may be used. The steel furring must be 20 gauge (33 mil) minimum to 16 gauge (54 mil) maximum.

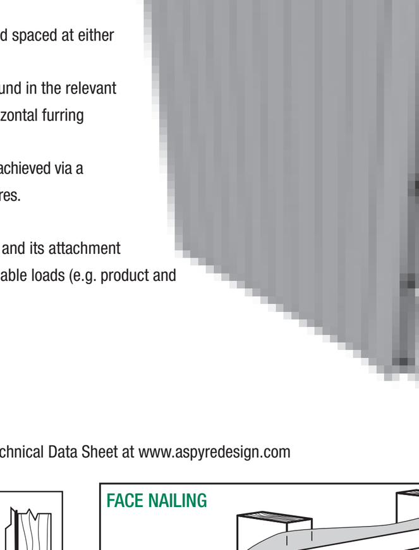
The furring directly behind the Artisan siding shall be oriented horizontally and spaced at either 16 in or 24 in on center.

- The wind resistance values for 16 in and 24 in o.c steel framing can be found in the relevant technical data sheet or product evaluation report are applicable to the horizontal furring

Sealant is not required if ventilation is created behind the cladding. This can be achieved via a double-layer furring system (fig. 24) or single-layer furring with ventilation features.

It is the responsibility of the design professional to design the furring system and its attachment to structural members such that the entire assembly can withstand all applicable loads (e.g. product and furring weight, wind loads, deflection limitations, thermal, etc.).

FIGURE 24



FASTENER REQUIREMENTS

- Do not nail within 2 in of the end of planks.
- For proper fastener selection and wind load table, refer to the product Technical Data Sheet at www.aspyredesign.com

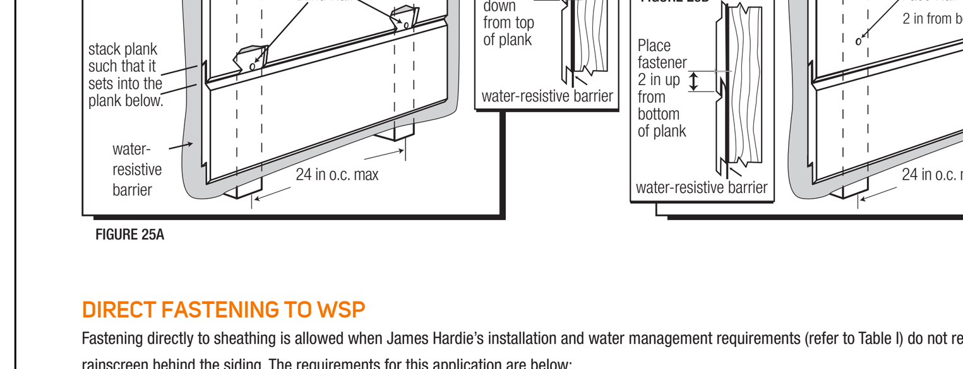


FIGURE 25A FIGURE 26A

DIRECT FASTENING TO WSP

Fastening directly to sheathing is allowed when James Hardie's installation and water management requirements (refer to Table I) do not require the use of a rainscreen behind the siding. The requirements for this application are below:

- A minimum 7/16 in Wood Structural Panel (WSP), attached per code, is available as the outer most layer directly behind the siding.
- Siding is fastened directly to the minimum 7/16 in WSP over a standard Water Resistive Barrier (WRB) or drainable housewrap.

WARNING

High pressure water blast and sand blasting may damage the surface of the fiber cement product. Low pressure water spray, a soft medium bristle (nonmetal) brush is most suitable for cleaning fiber cement products. Acid washing can damage the fiber cement surface and is not recommended.
Note: If using a pressure washer, care must be taken to ensure that the water stream does not damage the surface of the siding. Damage to siding arising from improper cleaning or maintenance may not be covered by the James Hardie warranty. Using wide fan tips that are kept a minimum of 6 feet from the wall and at pressures under 1500 psi will minimize the chance of damaging the siding.

COVERAGE CHART / ESTIMATING GUIDE

Number of 12 ft planks,Includes 5% waste factor.

Coverage Area Less Openings 1 SQ = (100sq ft)	Plank Width Exposure 7	Plank Width Exposure 9
1	15	12
2	30	24
3	45	35
4	60	46
5	75	59
6	90	70
7	105	82
8	120	94
9	135	105
10	150	117
11	165	129
12	180	140
13	195	152
14	210	164
15	225	175
16	240	187
17	255	199
18	270	210
19	285	222
20	300	234

SILICA WARNING

DANGER: May cause cancer if dust from product is inhaled. Causes damage to lungs and respiratory system through prolonged or repeated inhalation of dust from product. Refer to the current product Safety Data Sheet before use. The hazard associated with fiber cement arises from crystalline silica present in the dust generated by activities such as cutting, machining, drilling, routing, sawing, crushing, or otherwise abrading fiber cement, and when cleaning up, disposing of or moving the dust. When doing any of these activities in a manner that generates dust you must (1) comply with the OSHA standard for silica dust and/or other applicable law, (2) follow James Hardie cutting instructions to reduce or limit the release of dust; (3) warn others in the area to avoid breathing the dust; (4) when using mechanical saw or high speed cutting tools, work outdoors and use dust collection equipment; and (5) if no other dust controls are available, wear a dust mask or respirator that meets NIOSH requirements (e.g. N-95 dust mask). During clean-up, use a well maintained vacuum and filter appropriate for capturing fine (respirable) dust or use wet clean-up methods - never dry sweep.

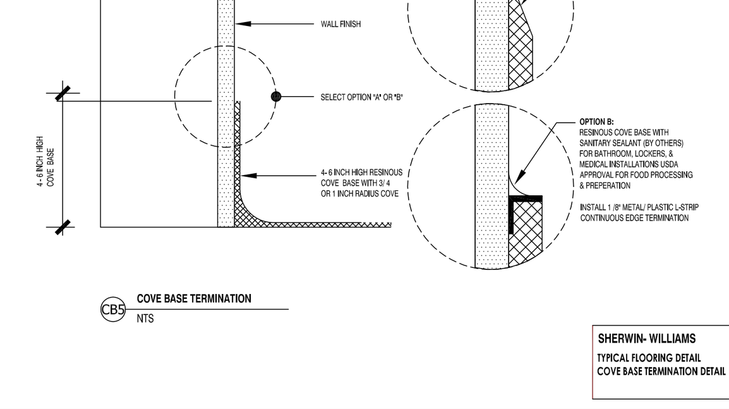
⚠ **WARNING: This product can expose you to chemicals including respirable crystalline silica, which is known to the State of California to cause cancer. For more information go to P65Warnings.ca.gov.**

RECOGNITION: Artisan® Siding with Lock Joint System complies with ASTM C1186 and meets the Fiber-Cement Siding code requirements in the 2006, 2009, 2012, 2015 & 2018 International Building Code® Sections 1404.10,1405.16, and 1405.16.2 (Sections 1403.10, 1404.16 & 1404.16.2 in 2018); and the 2006, 2009, 2012, 2015 & 2018 International Residential Code® for One- and Two-Family Dwellings Table R703.4 (Table R703.3 in 2015 & 2018 IRC) and section R703.10.2. Supplementary code compliance details are found the Artisan® Siding with Lock Joint System Technical Data Sheet.

Product warranties, safety information and additional installation information are available at jameshardiepros.com

ASPYRE COLLECTION by JamesHardie

SHERWIN WILLIAMS



SHERWIN- WILLIAMS TYPICAL FLOORING DETAIL COVE BASE TERMINATION DETAIL	CB 5

1.800.524.5979
www.sherwin-williams.com/protective

No.	Date	Revision Notes	Zone	Appr

No.	Date	Issue Notes
1	1/3/2024	RELEASE FOR BID
	12/7/2023	PERMIT SUBMISSION

Designed By	Date: 12/6/2023
Drawn By	Revision: Revision
Checked By	Project ID: 23703;culpeper
Reviewed By	Drawing Code: Drawing Code
Submitted By	CAD File Name
Project Manager	Plot Date: 00/00/00

Design Firm
NORMAN SMITH ARCHITECTURE
1341 H Street, Washington, DC 20002-4906
3637 Slate Mills Road, Sperryville, VA 22740
T 202.462.5886 www.normansmitharchitecture.com

Consultant

Project Title: Culpeper County Community Pool Project 16388 Competition Drive Culpeper, VA

Sheet Title: TYPICAL DETAILS

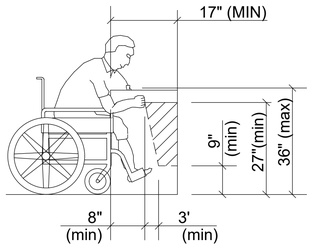
Scale

Sheet No. A760

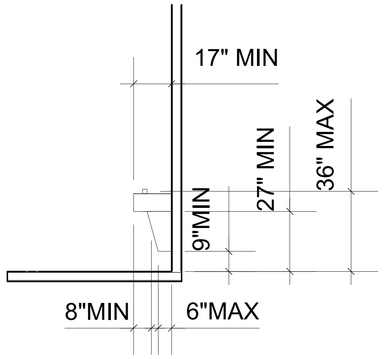
of

COMMONWEALTH OF VIRGINIA NORMAN KEFAUVER SMITH No. 011462 ARCHITECT

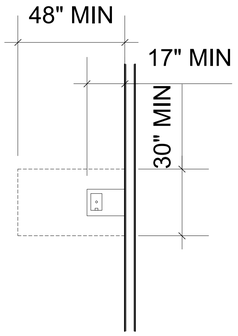
WATER FOUNTAIN ACCESSIBILITY DETAILS

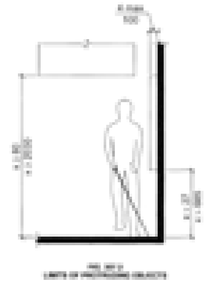


WATER FOUNTAIN



DRINKING FOUNTAINS WITH FORWARD APPROACH





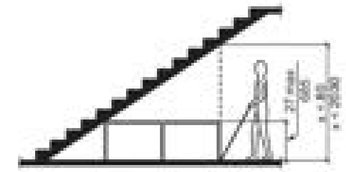
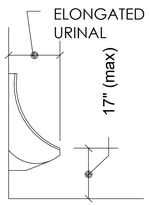


FIGURE 307.4
REDUCED VERTICAL CLEARANCE

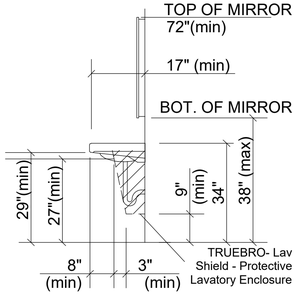
307.5 Required clear width.

Protruding objects shall not reduce the clear width required for accessible routes.

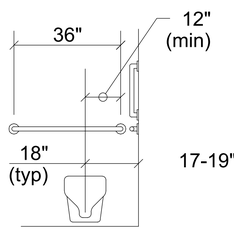
BATHROOM ACCESSIBILITY DETAILS



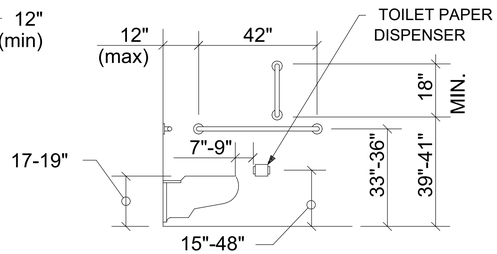
URINAL



LAVATORY

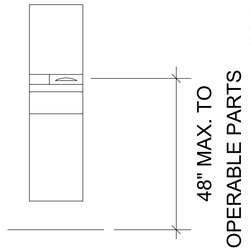


REAR WALL

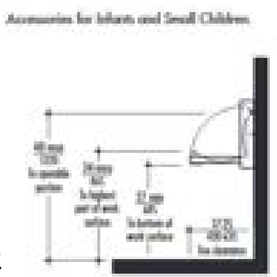


SIDE WALLS

WATER CLOSETS



TOWEL DISPENSER



WASTE RECEPTACLE

Fig. 6 Accessories for Infants and Small Children

Fig. 604 Baby Changing Station

REACH RANGES

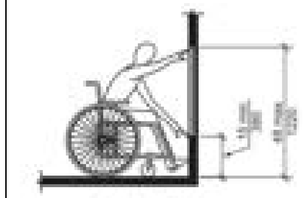
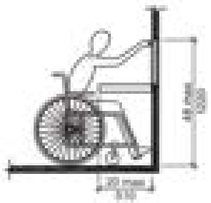


FIGURE 308.2.1
UNOBSTRUCTED FORWARD REACH



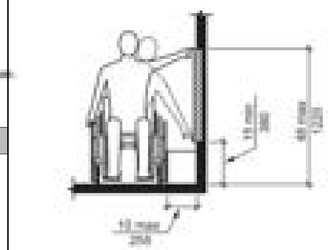


FIGURE 308.3.1
UNOBSTRUCTED SIDE REACH

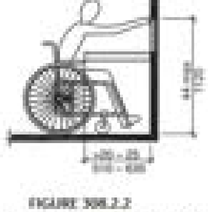


FIGURE 308.2.2
OBSTRUCTED HIGH FORWARD REACH

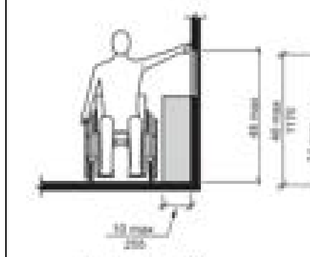


FIGURE 308.3.2(A)
OBSTRUCTED HIGH SIDE REACH

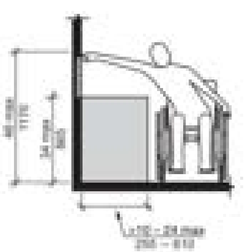
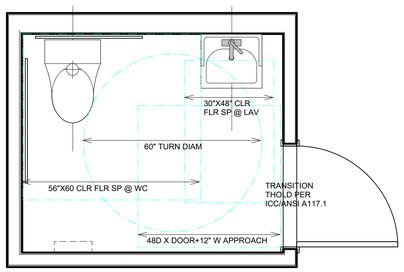
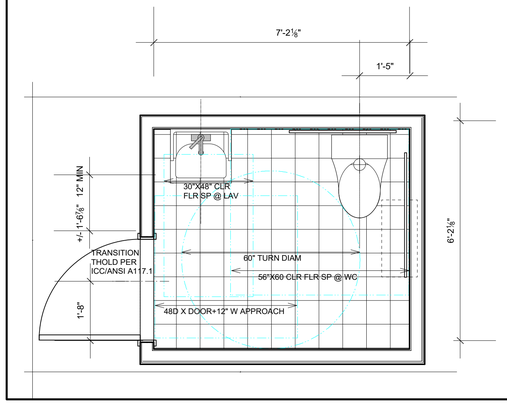


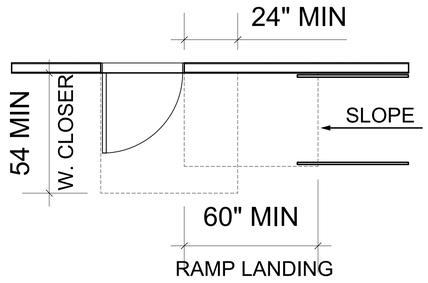
FIGURE 308.3.2(B)
OBSTRUCTED HIGH SIDE REACH

BATHROOM ACCESSIBILITY PLANS



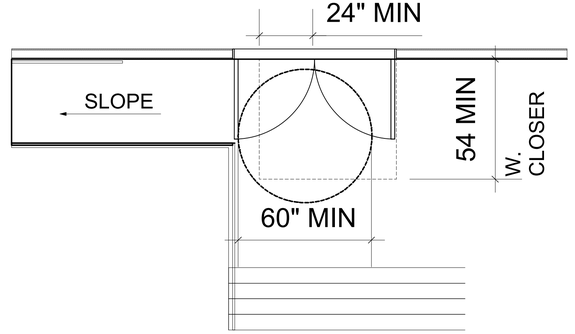


RAMP ACCESSIBILITY PLANS

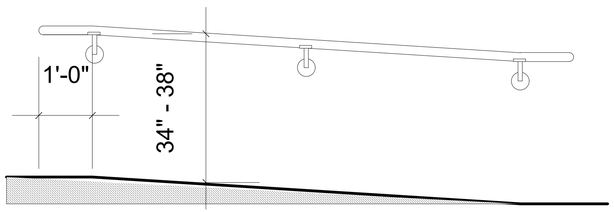


RAMP LANDING

RAMP LANDINGS AT DOORS



RAMP LANDINGS ADJACENT TO LOCKABLE DOORS



DETAILS, NOTES AND ARRANGEMENTS SHOWN ON THIS SHEET ARE PROVIDE TO HELP INDICATE THE APPLICABLE CODE COMPLIANCE REQUIREMENTS. THI DRAWING IS IN ADDITION TO THE PLAN , ELEVATION AND SECTIONAL DRAWINGS THAT ARE PROJECT SPECIFIC AND IS INTENDED TO PROVIDE ADDITIONAL INFORMATION TO THE CONTRACTOR AND REVIEW AUTHORITIE BOTH THIS DRAWING AND THE PROJECT SPECIFIC DRAWINGS SHALL BE REVIEWED AND THE STRICTER AND MORE EXHAUSTIVE SCOPE OF WORK SHA BE INCLUDED IN THE PROJECT WITHOUT ADDITIONAL COST. THE CONTRACTC SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DRAWINGS PRIOR TO CONSTRUCTION.

No.	Date	Issue Notes
1	12/7/2023	PERMIT SUBMISSION
	1/3/2024	RELEASE FOR BID

Date 12/6/2023
Revision Revision
Project No. 23703.culpeper
Drawing Title Drawing Code
CAD File Name 000/000
Plot Date 000/000

Designed By
Drawn By
Checked By
Drawn By
Approved By
Project Manager

Design Firm
NORMAN SMITH ARCHITECTURE
1341 H Street, Washington, DC 20002-4906
3637 State Mills Road, Sperryville, VA 22740
T 202.462.3580 www.normansmitharchitecture.com

Consultant

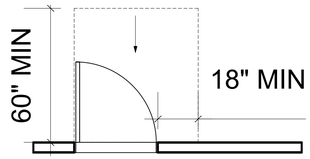
Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
ACCESSIBILITY DETAILS

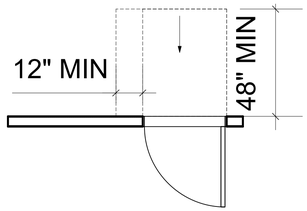
Scale

Sheet No.
A770
of

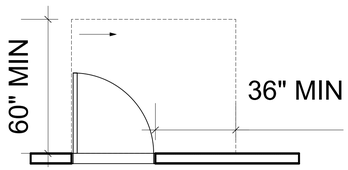
DOOR APROACH ACCESSIBILITY DETAILS



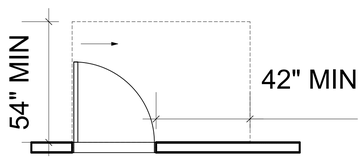
(A) FRONT APPROACH, PULL SIDE



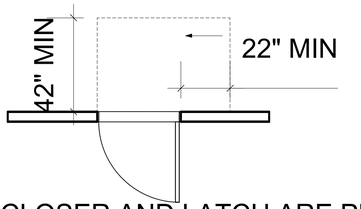
*IF BOTH CLOSER AND LATCH ARE PROVIDEI
(B) FRONT APPROACH, PUSH SIDE



(C) HINGE APPROACH, PULL SIDE

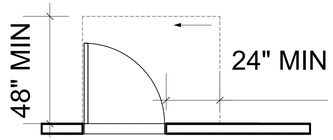


(D) HINGE APPROACH, PULL SIDE



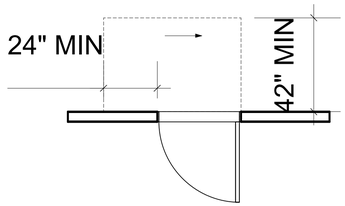
*IF BOTH CLOSER AND LATCH ARE PROVIDED
**48 MIN IF BOTH CLOSER AND LATCH PROVIDED

(E) HINGE APPROACH, PULL SIDE

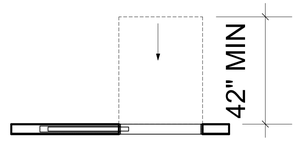


*54MIN IF CLOSER IS PROVIDED

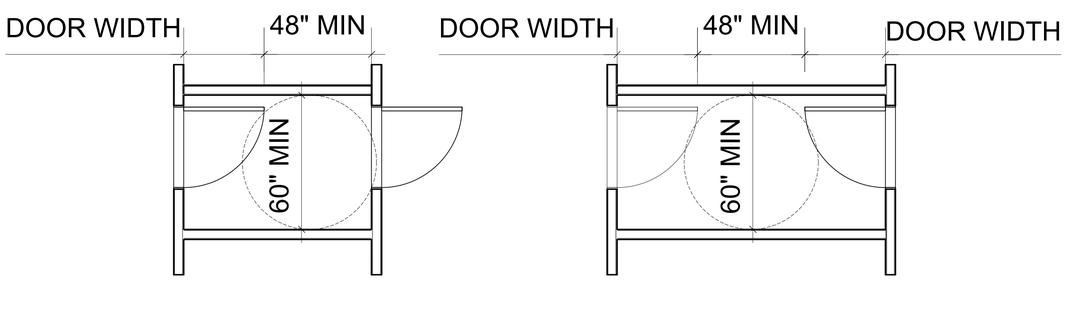
(F) LATCH APPROACH, PULL SIDE

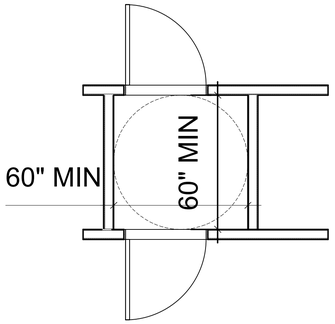


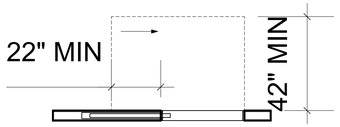
*48 MIN IF CLOSER PROVIDED
(G) LATCH APPROACH, PUSH SIDE



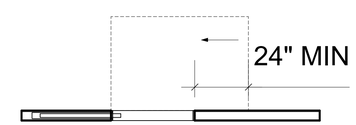
(A) FRONT APPROACH







(B) POCKET OR HINGE APPROACH



(C) STOP OR LATCH APPROACH

BABY CHANGING STATION & WASHER / DRYER LOADING

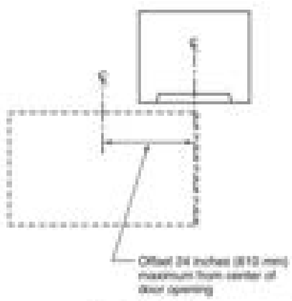


FIGURE 611.2(B)
CLEAR FLOOR SPACE - FRONT LOADING

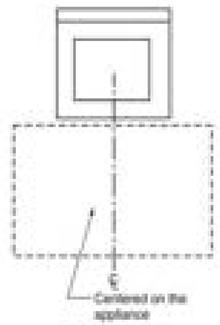


FIGURE 611.2(A)
CLEAR FLOOR SPACE - TOP LOADING

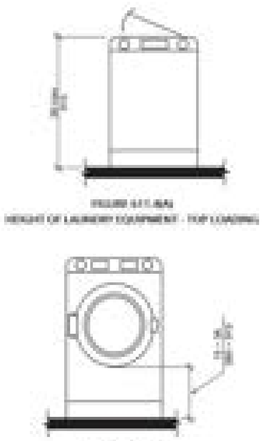
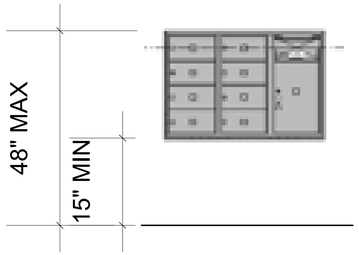


FIGURE 611.4(A)
HEIGHT OF LAUNDRY EQUIPMENT - TOP LOADING

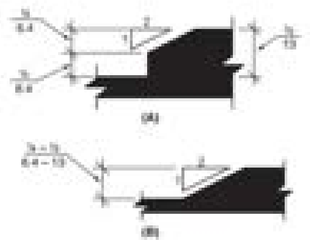
FIGURE 611.4(B)
HEIGHT OF LAUNDRY EQUIPMENT - FRONT LOADING



MAILBOXES MUST COMPLY WITH SECTION 309 SPECIFICATIONS GOVERNINGA LOCATION'S CLEAR FLOOR SPACE, EQUIPMENT HEIGHT, AND OPERATION.

THRESHOLD / CHANGE IN LEVEL

FIGURE 302.2
CARPET OR FLOOR SURFACES



(A)

(B)

FIGURE 303.2
VERTICAL CHANGE IN LEVEL

FIGURE 303.3
BEVELED CHANGES IN LEVEL

DETAILS, NOTES AND ARRANGEMENTS SHOWN ON THIS SHEET ARE PROVIDED TO HELP INDICAT
COMPLIANCE REQUIREMENTS. THIS DRAWING IS IN ADDITION TO THE PLAN , ELEVATION AND SI
ARE PROJECT SPECIFIC AND IS INTENDED TO PROVIDE ADDITIONAL INFORMATION TO THE CONT
AUTHORITIES. BOTH THIS DRAWING AND THE PROJECT SPECIFIC DRAWINGS SHALL BE REVIEWEI
MORE EXHAUSTIVE SCOPE OF WORK SHALL BE INCLUDED IN THE PROJECT WITHOUT ADDITIONA
SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DRAWINGS PRIOR TO CON

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT

No.	Date	Issue Notes
1	10/2/24 12/7/2023	RELEASE FOR BID PERMIT SUBMISSION

Date 12/5/2023
Revision Revision
Project # 23703.culpeper
Drawn / Chkd Drawing Code
Cert. Number 00/0/000
Issued to
Issued by
Reviewed by
Approved by
Approved by
Project Manager

Design Firm
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Culpeper County
Community Pool Project
16386 Competition Drive
Culpeper, VA

Sheet Title
ACCESSIBILITY DETAILS

Scale

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A771
of

ACCESSIBILITY DETAILS

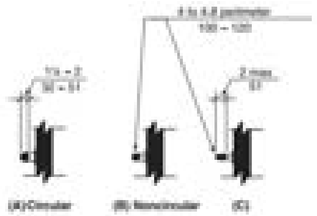


FIGURE 609.2
SIZE OF GRAB BARS

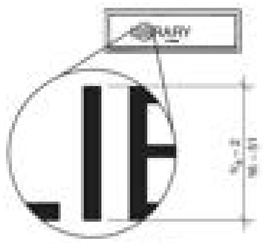
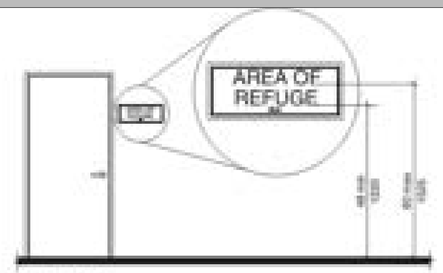


FIGURE 703.3.1
CHARACTER HEIGHT



Note: For braille character mounting height see Section 703.4.3.

FIGURE 703.3.10
HEIGHT OF RAISED CHARACTERS ABOVE FLOOR

DETAILS, NOTES AND ARRANGEMENTS SHOWN ON THIS SHEET ARE PROVIDED TO HELP INDICATE THE APPLICABLE CODE COMPLIANCE REQUIREMENTS. THIS DRAWING IS IN ADDITION TO THE PLAN , ELEVATION AND SECTIONAL DRAWINGS THAT ARE PROJECT SPECIFIC AND IS INTENDED TO PROVIDE ADDITIONAL INFORMATION TO THE CONTRACTOR AND REVIEW AUTHORITIES. BOTH THIS DRAWING AND THE PROJECT SPECIFIC DRAWINGS SHALL BE REVIEWED AND THE STRICTER AND MORE EXHAUSTIVE SCOPE OF WORK SHALL BE INCLUDED IN THE PROJECT WITHOUT ADDITIONAL COST. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DRAWINGS PRIOR TO CONSTRUCTION.

FIGURE 407.2.2.2(A)
ELEVATOR VISIBLE SIGNALS HEIGHT OF SIGNALS

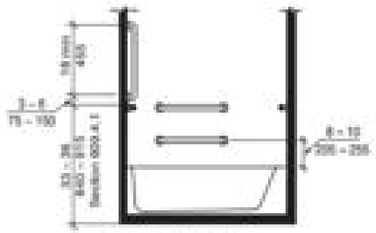
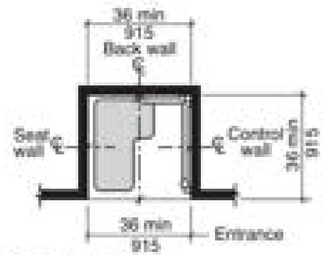


FIGURE 607.4.2(A)
GRAB BARS FOR BATHTUBS WITH REMOVABLE SEATS - ELEVATION



Note: inside finished dimensions measured at the center points of opposing sides

FIGURE 608.2.1.1
TRANSFER-TYPE SHOWER COMPARTMENT SIZE

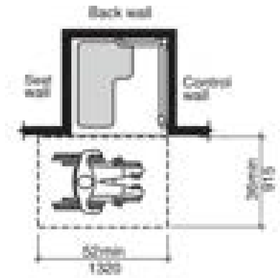


FIGURE 608.2.1.2(A)
TRANSFER-TYPE SHOWER COMPARTMENT CLEARANCES NEW BUILDINGS - OPTION 1

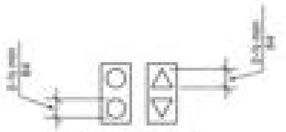


FIGURE 407.2.2.2(B)
ELEVATOR VISIBLE SIGNALS SIZE OF SIGNALS

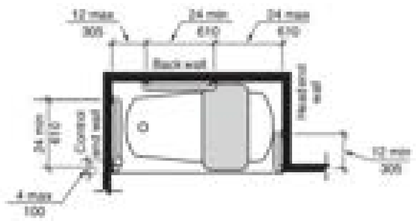


FIGURE 607.4.2(B)
GRAB BARS FOR BATHTUBS WITH REMOVABLE SEATS - PLAN

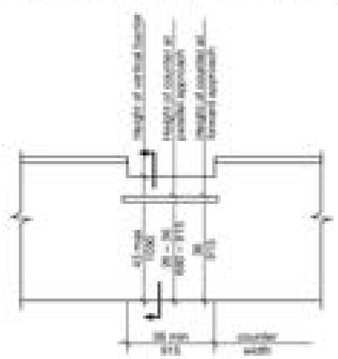


FIGURE 904.3(B)
SALES AND SERVICE COUNTERS - ELEVATION

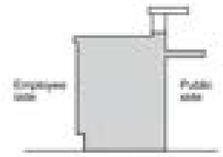


FIGURE 904.3(A)
SALES AND SERVICE COUNTERS - CROSS SECTION

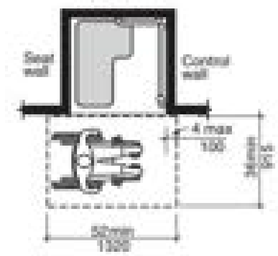
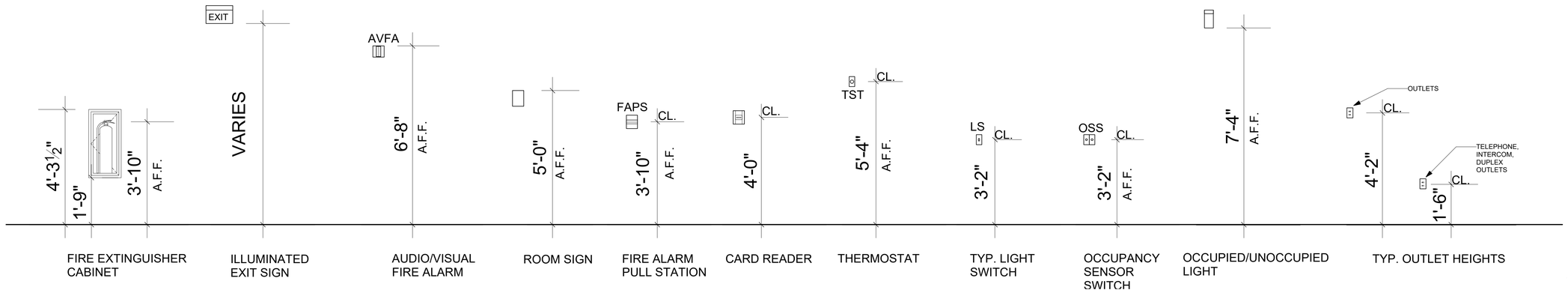


FIGURE 608.2.1.2(B)
TRANSFER-TYPE SHOWER COMPARTMENT CLEARANCES NEW BUILDINGS - OPTION 2

TYPICAL MOUNTING HEIGHTS



FIRE EXTINGUISHER CABINET | ILLUMINATED EXIT SIGN | AUDIO/VISUAL FIRE ALARM | ROOM SIGN | FIRE ALARM PULL STATION | CARD READER | THERMOSTAT | TYP. LIGHT SWITCH | OCCUPANCY SENSOR SWITCH | OCCUPIED/UNOCCUPIED LIGHT | TYP. OUTLET HEIGHTS

LAYOUTS HEIGHTS AND DIMENSIONS ARE INTENDED TO GIVE THE GC GUIDANCE IN COMPLYING WITH THE CURRENT ADA, ADAAG, FHA AND ICC/ANSI A117 REQUIREMENTS FOR ACCESSIBILITY. THE INFORMATION ON THIS SHEET IS GENERIC AND MAY REQUIRE MINOR REVISIONS TO COMPLY WITH LOCAL AHJ REQUIREMENTS. THE WORK SHALL COMPLY WITH ALL AHJ ADOPTED CODE REQUIREMENTS FOR ACCESSIBILITY, W NOT THOSE REQUIREMENTS ARE SHOWN AND NOTED HEREIN.

No.	Date	Issue Notes
1	12/7/2023	RELEASE FOR BID PERMIT SUBMISSION
	1/3/2024	

Date: 12/8/2023
Revision:
Drawn By:
Project No: 2370.culpeper
Drawing Title: Drawing Code
CAD File Name:
Plot Date: 00/00/00
Checked By:
Plotted By:

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Culpeper, VA

Sheet Title: ACCESSIBILITY DETAILS

Scale:

Sheet No.: A772 of

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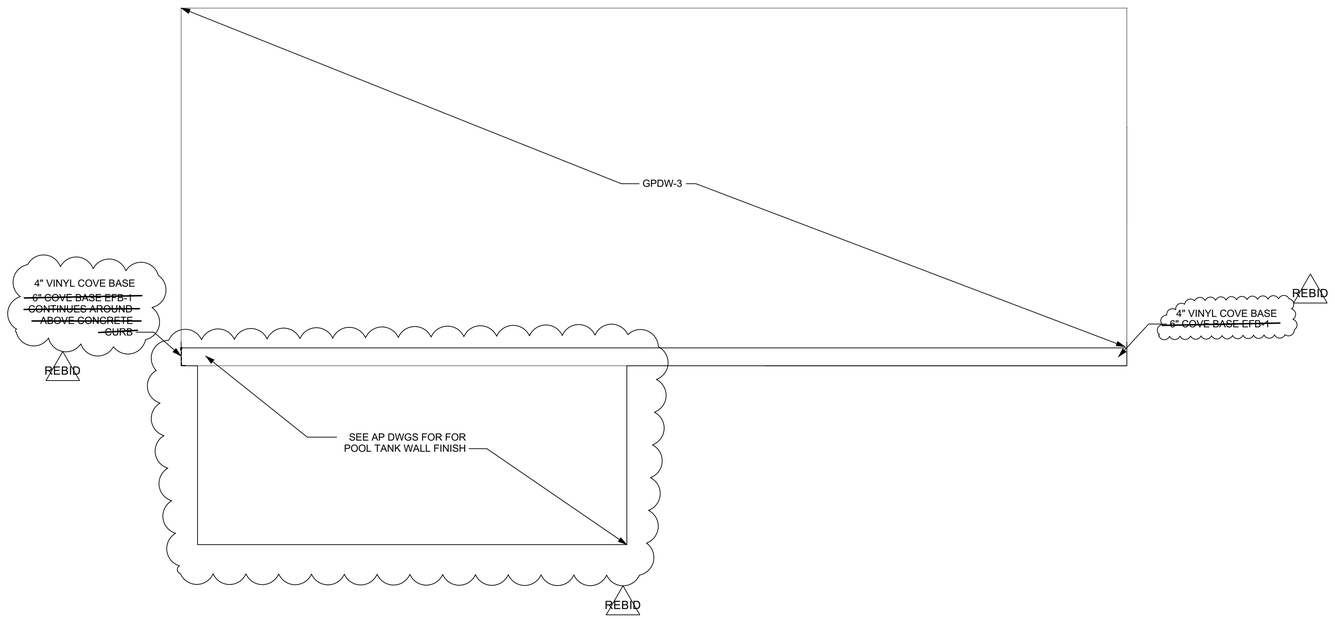
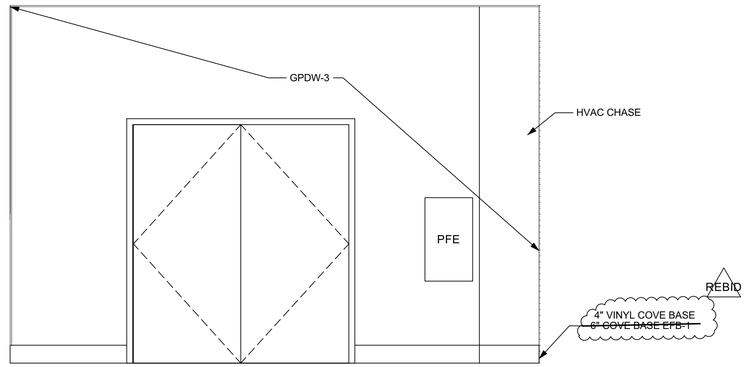
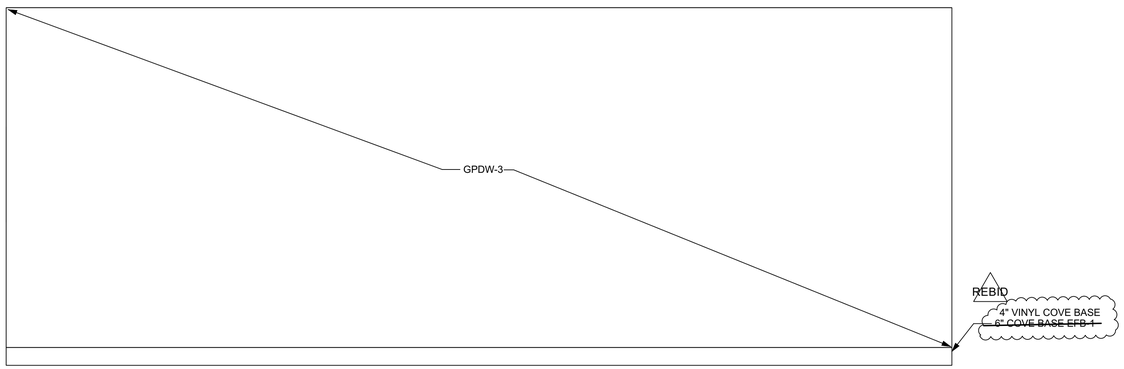
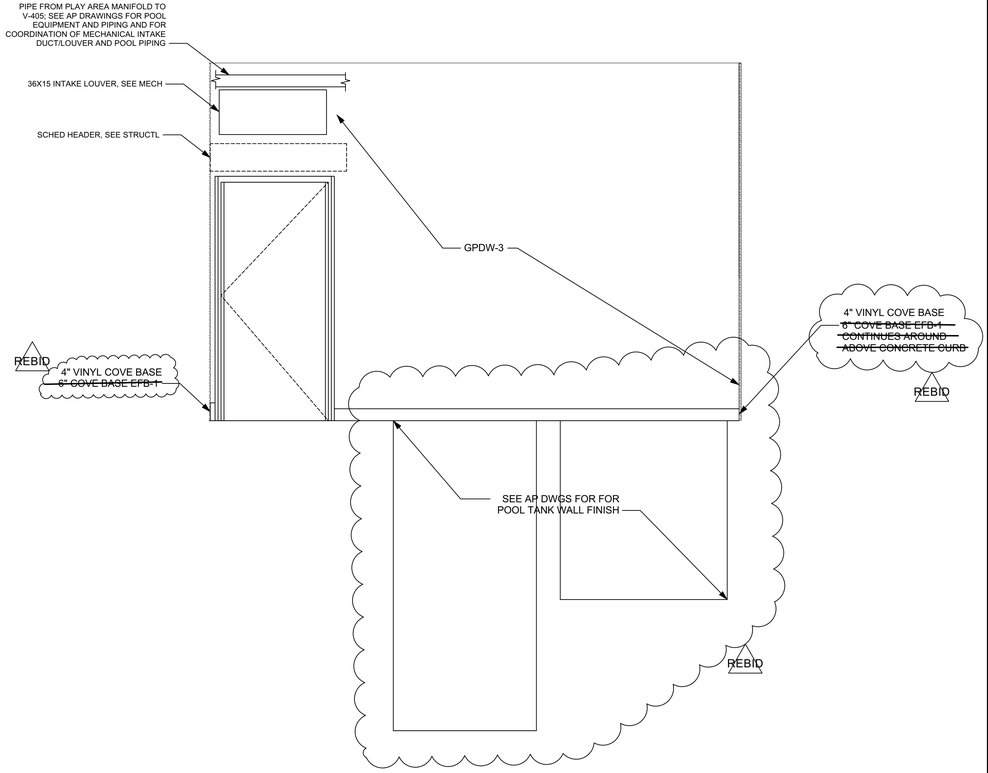
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT









1
A800
NORTH INTERIOR ELEVATION - FILTER ROOM
Scale: 1/2" = 1'-0"

2
A800
EAST INTERIOR ELEVATION - FILTER ROOM
Scale: 1/2" = 1'-0"

3
A800
SOUTH INTERIOR ELEVATION - FILTER ROOM
Scale: 1/2" = 1'-0"

4
A800
WEST INTERIOR ELEVATION - FILTER ROOM
Scale: 1/2" = 1'-0"

NOTE:
1. MECHANICAL INTAKE DUCT AND LOUVER HEIGHT SHALL BE VIF WITH PIPING RUN AND HEIGHT.
2. HEADER HEIGHT ABOVE DOOR MAY BE SET DIRECTLY ABOVE DOOR IF IT PROVIDES ADEQUATE CLEARANCE FOR THE LOUVER OR BETWEEN THE LOUVER THE PIPE AND THE DOOR HEAD FRAMED DOWN WITH N.L.B. FRAMING TO ACHIEVE REQUIRED DOOR ROUGH HEAD. CONDITION SHALL BE VIF.

NOTE: ELEVATIONS ARE FOR GENERAL INTERIOR INFORMATION.
SEE AP DRAWINGS FOR ACTUAL EQUIPMENT ELEVATIONS

NORMAN KEFAUVER SMITH
No. 011462

No.	Date	Revision Notes	Zone	Appr
	3/29/2024	REBID REVISIONS CLOUDED		

No.	Date	Issue Notes
2	1/3/2024	RELEASE FOR BID
2	12/7/2023	PERMIT SUBMISSION
1	10/19/2023	client review

Designed By	Date 12/6/2023
Drawn By	Revision Revision
Checked By	Project ID 23703;culpeper
Reviewed By	Drawing Code Drawing Code
Submitted By	CAD File Name
Project Manager	Plot Date 00/00/00

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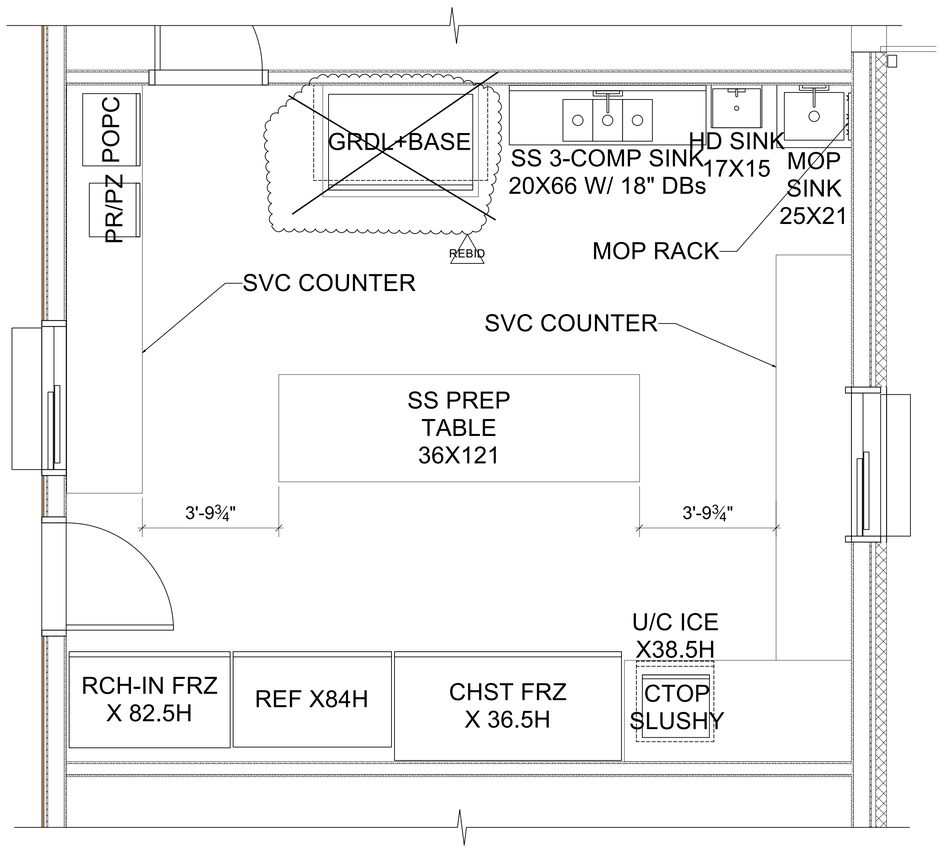
Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

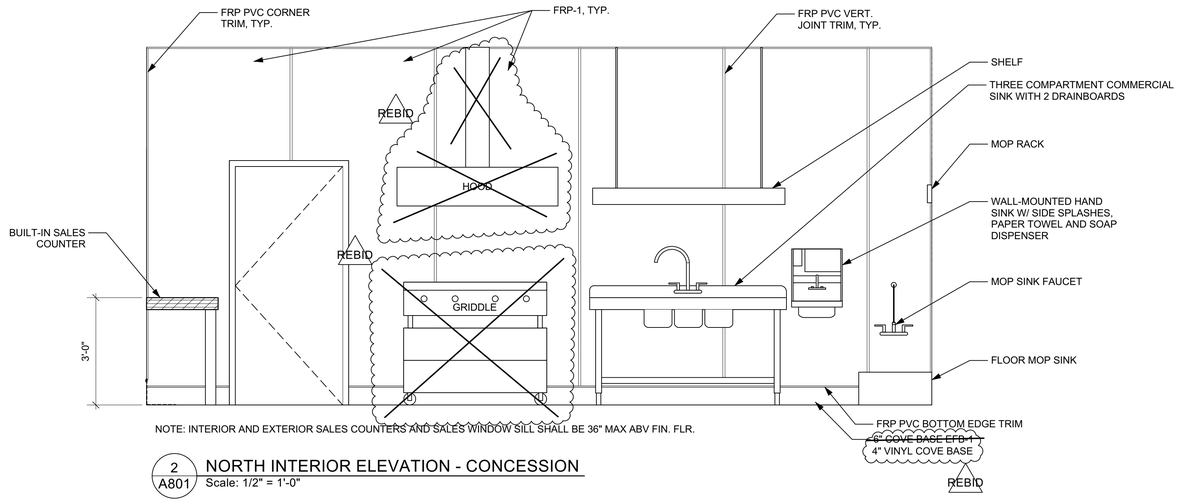
Sheet Title
INTERIOR ELEVATIONS
FILTER ROOM

Scale

Sheet No.
A800
of

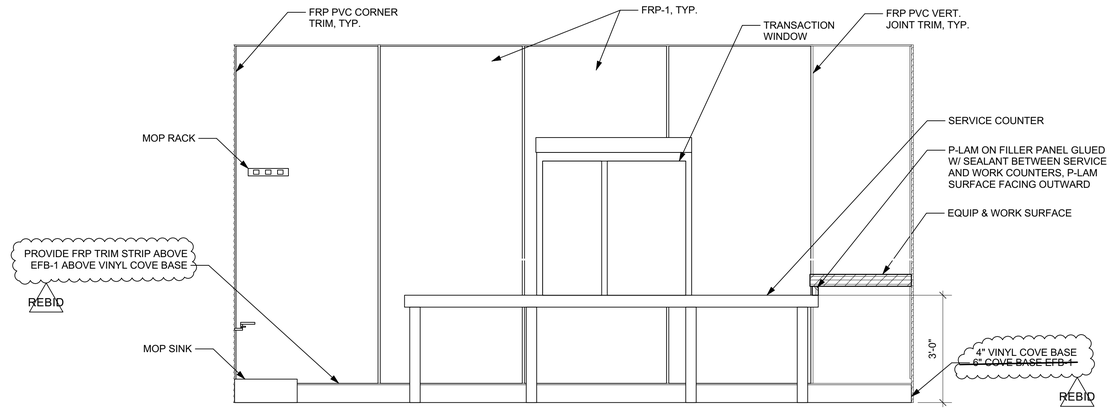


1 A801 **ENLARGED FLOOR PLAN - CONCESSION**
Scale: 1/2" = 1'-0"



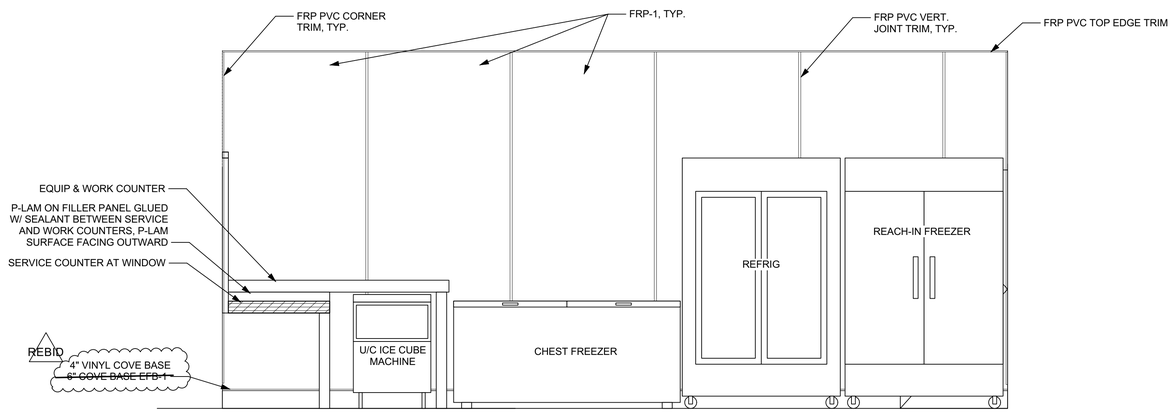
NOTE: INTERIOR AND EXTERIOR SALES COUNTERS AND SALES WINDOW SILL SHALL BE 36" MAX ABV FIN. FLR.

2 A801 **NORTH INTERIOR ELEVATION - CONCESSION**
Scale: 1/2" = 1'-0"

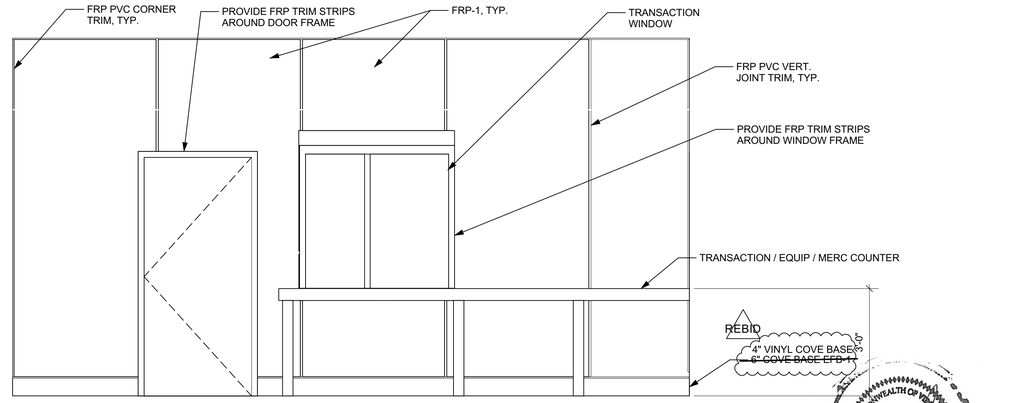


NOTE: INTERIOR AND EXTERIOR SALES COUNTERS AND SALES WINDOW SILL SHALL BE 36" MAX ABV FIN. FLR.

3 A801 **EAST INTERIOR ELEVATION - CONCESSION**
Scale: 1/2" = 1'-0"



4 A801 **SOUTH INTERIOR ELEVATION - CONCESSION**
Scale: 1/2" = 1'-0"



NOTE: INTERIOR AND EXTERIOR SALES COUNTERS AND SALES WINDOW SILL SHALL BE 36" MAX ABV FIN. FLR.

5 A801 **WEST INTERIOR ELEVATION - CONCESSION**
Scale: 1/2" = 1'-0"

No.	Date	Issue Notes
2	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION
	10/19/2023	client review

No.	Date	Revision Notes	Zone	App'r
	12/29/2024	REBID REVISIONS CLOUDED		

Project File: Culpeper County Community Pool Project 16388 Competition Drive Culpeper, VA

Issue Title: INTERIOR ELEVATIONS CONCESSION

Scale:

Sheet No.: A801 — of —

Design Firm: NORMAN SMITH ARCHITECTURE
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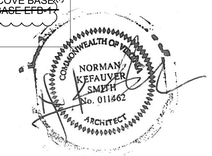
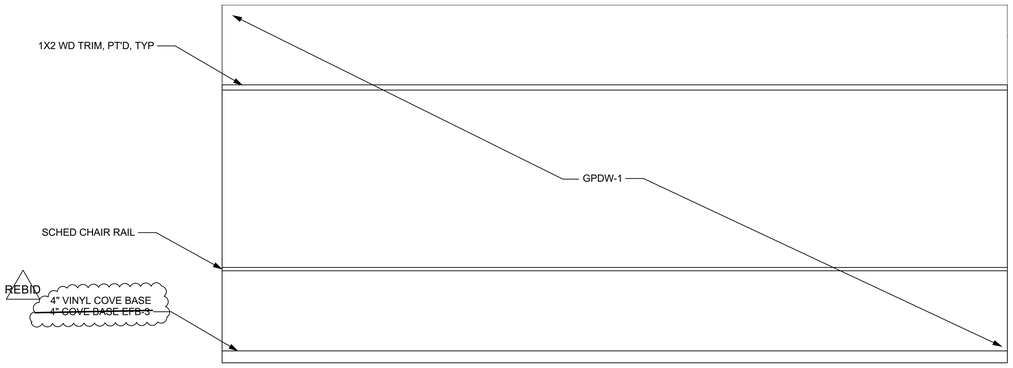
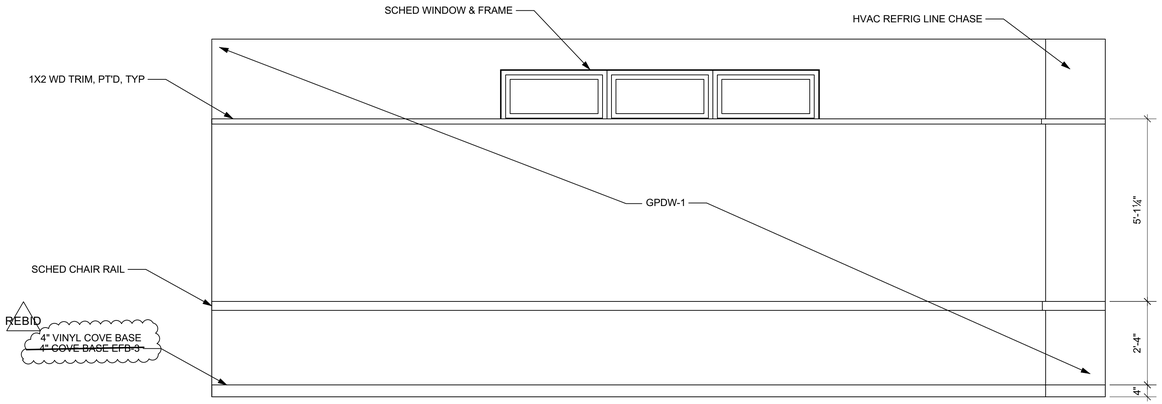
Date	12/6/2023
Revision	Revision
Project #	2.2303.culpeper
Drawing Date	Drawing Date
Cad File Name	Cad File Name
Plot Date	00/00/00
Produced By	
Drawn By	
Checked By	
Reviewed By	
Approved By	
Project Manager	

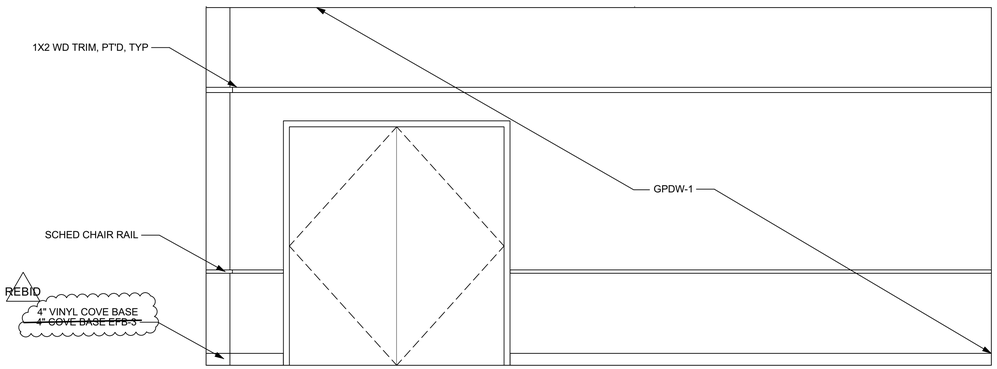




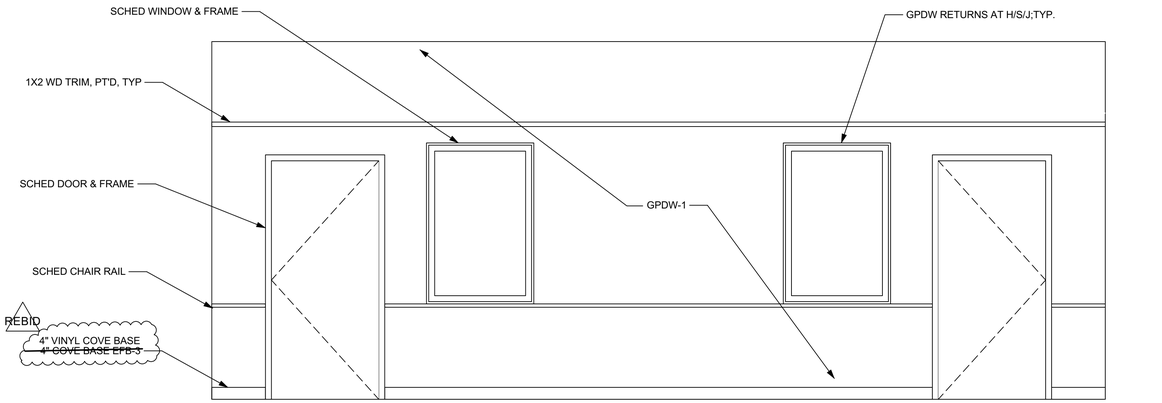
1 A802 NORTH INTERIOR ELEVATION - CLASSROOM
Scale: 1/2" = 1'-0"



2 A802 EAST INTERIOR ELEVATION - CLASSROOM
Scale: 1/2" = 1'-0"



3 A802 SOUTH INTERIOR ELEVATION - CLASSROOM
Scale: 1/2" = 1'-0"



4 A802 WEST INTERIOR ELEVATION - CLASSROOM
Scale: 1/2" = 1'-0"

No.	Date	Revision Notes	Zone	App'r
2	12/7/2023	REBID REVISIONS CLOUDED		
1	10/19/2023	PERMIT SUBMISSION client review		

No.	Date	Issue Notes
2	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION client review

Date 12/6/2023
Revision Revision
Drawn By 23103.culpeper
Checked By Drawing Code
Approved By Cad File Name
Plot Date 00/00/00
Produced By
Drawn By
Checked By (ID)
Approved By
Submitted By Project Manager

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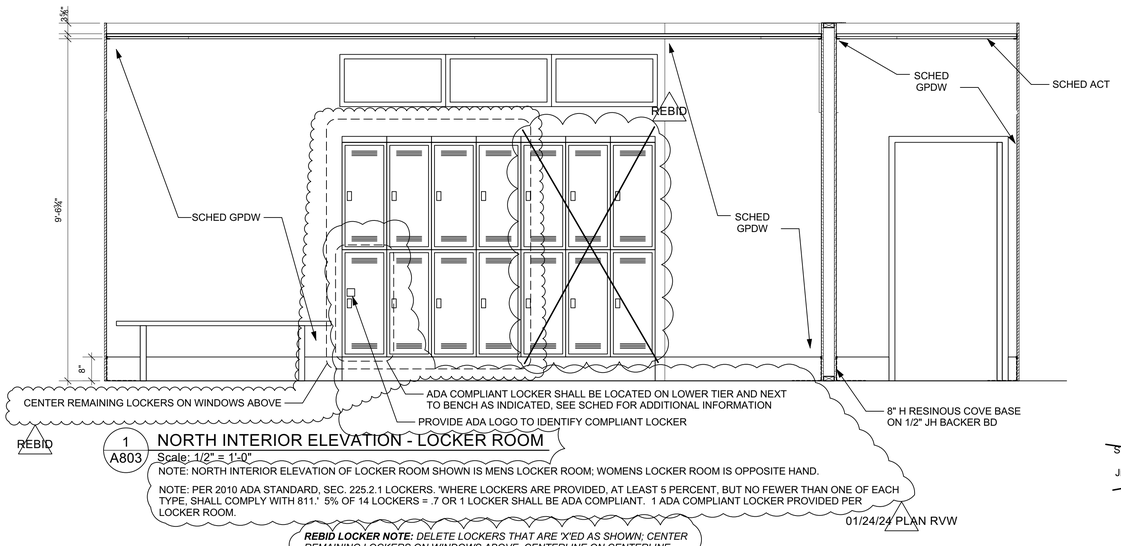
Consultant

Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA
22701

Sheet Title
INTERIOR ELEVATIONS
CLASSROOM

Sheet No.
A802
of



1 A803 NORTH INTERIOR ELEVATION - LOCKER ROOM

Scale: 1/2" = 1'-0"

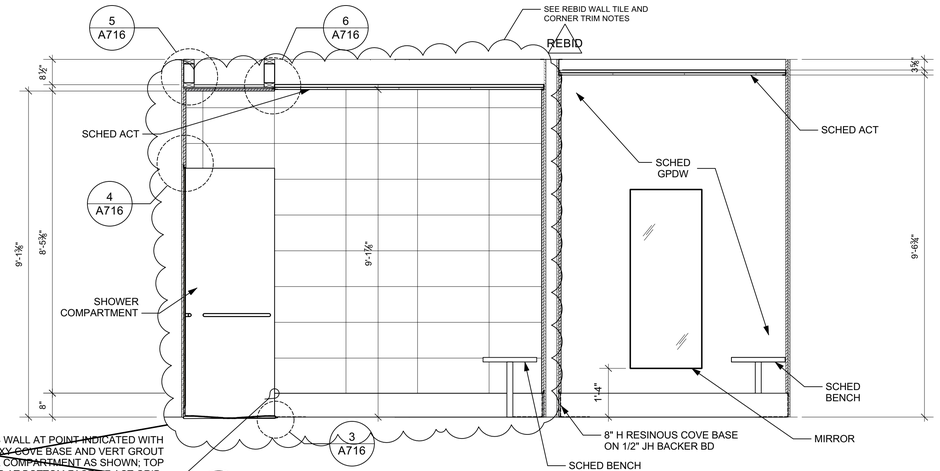
NOTE: NORTH INTERIOR ELEVATION OF LOCKER ROOM SHOWN IS MENS LOCKER ROOM; WOMENS LOCKER ROOM IS OPPOSITE HAND.

NOTE: PER 2010 ADA STANDARD, SEC. 225.2.1 LOCKERS. 'WHERE LOCKERS ARE PROVIDED, AT LEAST 5 PERCENT, BUT NO FEWER THAN ONE OF EACH TYPE, SHALL COMPLY WITH 811.' 5% OF 14 LOCKERS = .7 OR 1 LOCKER SHALL BE ADA COMPLIANT. 1 ADA COMPLIANT LOCKER PROVIDED PER LOCKER ROOM.

01/24/24 PLAN RVW

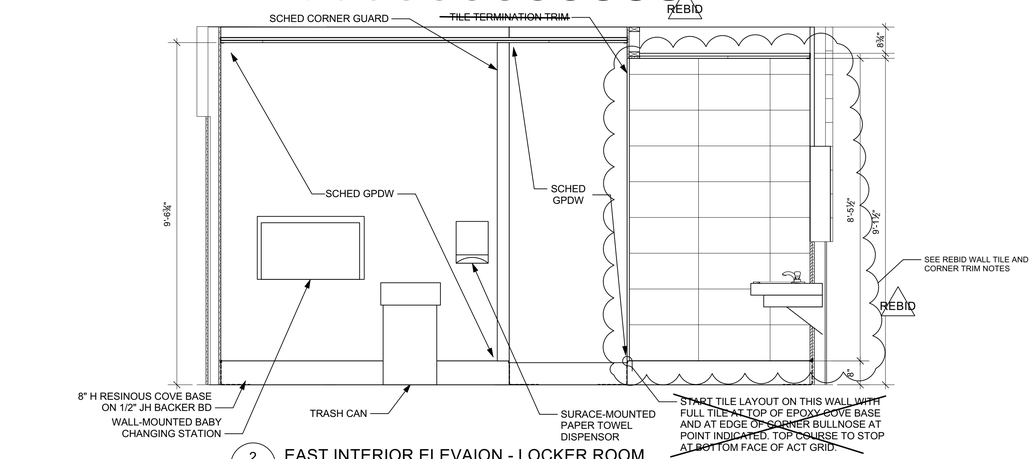
REBID LOCKER NOTE: *DELETE LOCKERS THAT ARE 'X'ED AS SHOWN; CENTER REMAINING LOCKERS ON WINDOWS ABOVE, CENTERLINE ON CENTERLINE.*

REBID



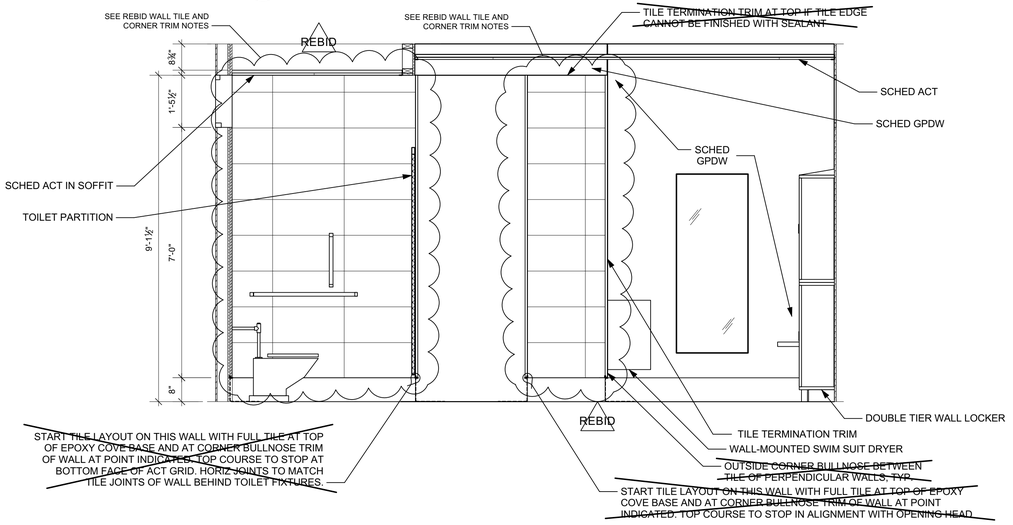
4 A803 WEST INTERIOR ELEVATION - LOCKER ROOM

Scale: 1/2" = 1'-0"



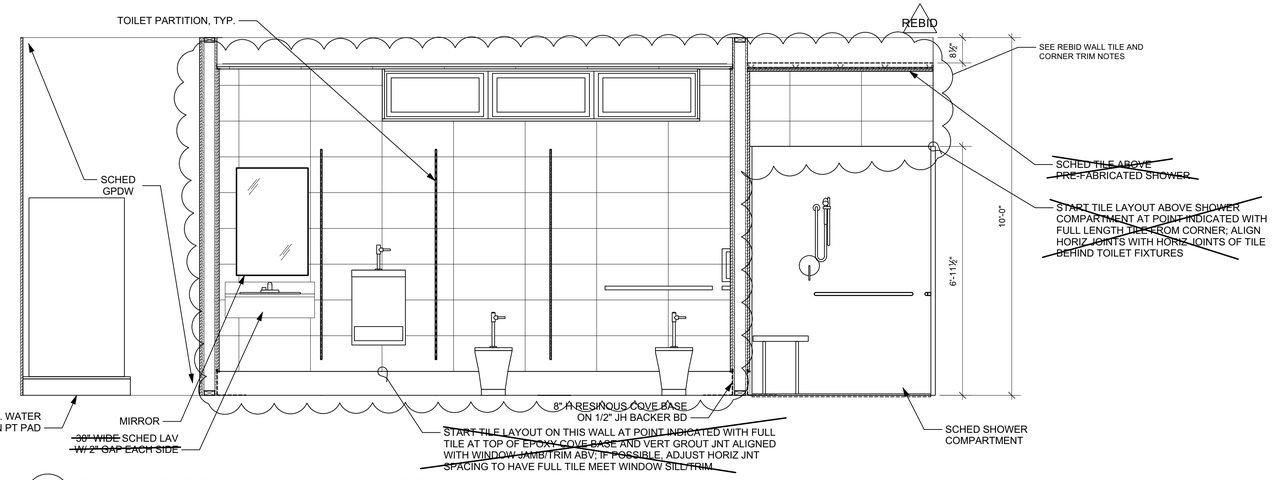
2 A803 EAST INTERIOR ELEVAION - LOCKER ROOM

Scale: 1/2" = 1'-0"



5 A803 WEST INTERIOR ELEVATION - LOCKER ROOM

Scale: 1/2" = 1'-0"



3 A803 SOUTH INTERIOR ELEVATION - LOCKER ROOM

Scale: 1/2" = 1'-0"

EQUIPMENT AND ITEMS NOTE: INTERIOR ELEVATIONS MAY NOT SHOW ALL EQUIPMENT AND ITEMS THAT ARE SCHEDULED TO BE INSTALLED, SUCH AS TOWEL DISPENSORS, SANITARY NAPKIN DISPENSERS, ETC. SEE PLANS FOR GENERAL LOCATIONS AND SCHEDULES FOR ADDITIONAL INFORMATION. ALL LOCATIONS SHALL BE VIF.

NOTE: NOT ALL MOUNTING DIMENSIONS ARE SHOWN; SEE SHEET A770-772.

REBID

REBID WALL TILE NOTE: *DELETE ALL WALL TILE AS NOTED. REPLACE WITH SPECIFIED GPDW WITH EPOXY PAINT FINISH AS NOTED FOR OTHER WALLS. TERMINATE BOTTOM OF GPDW WITH L OR J STOP BEAD AND PROVIDE GPDW RETURNS TO WINDOW PER DETAIL 3/A712. EPOXY FLOOR SPEC HAS BEEN REVISED (SEE SCHEDULES) BUT COVE BASE REMAINS IN SOW.*

REBID SHOWER TILE NOTE: *DELETE ALL WALL AND CEILING TILE WITHIN SHOWER AREAS. REPLACE WITH SPECIFIED FRP PANELS AND TRIM INSTALLED OVER JH HARDIBACKER ON THE WALLS AND CEILING. PROVIDE NOTED SEALANT AT MATERIAL INTERSECTIONS.*

REBID WALL CORNER TRIM NOTE: *SINCE WALL TILE HAS BEEN DELETED, PROVIDE THE SPECIFIED STAINLESS STEEL CORNER PROTECTOR AT EACH OUTSIDE CORNER WITHIN LOCKER ROOMS; TYP.*

No.	Date	Revision Notes
	12/6/2023	REBID REVISIONS CLOUDED
3	1/24/2024	PLAN REVIEW COMMENT RESPONSE
	1/5/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION

Project No. 23703.1culpeper
Drawing Code
Plot Date 00/00/00

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Consultant

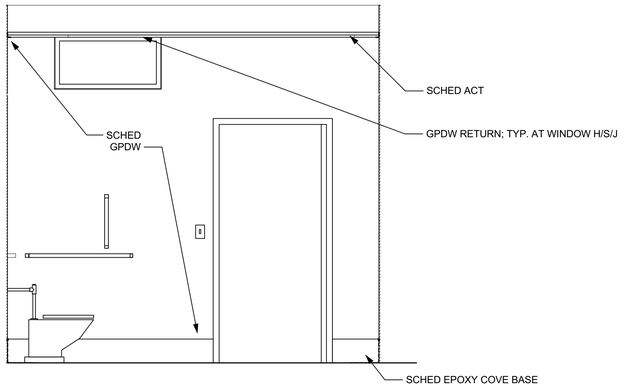
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

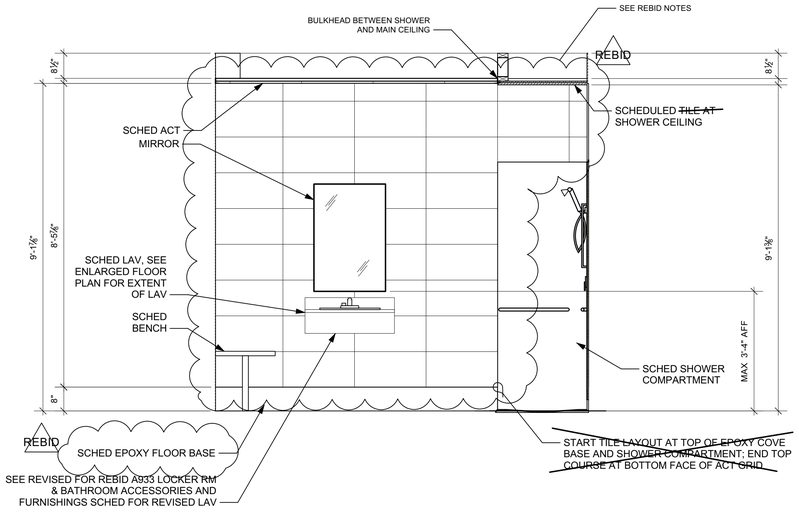
Sheet Title: INTERIOR ELEVATIONS LOCKER ROOM

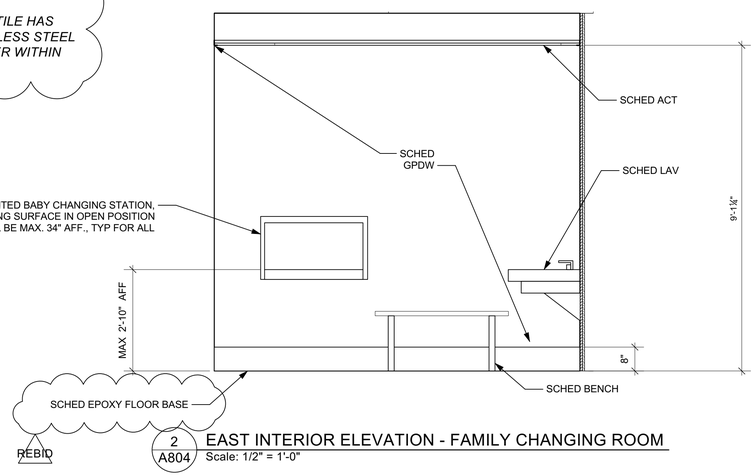
Scale:

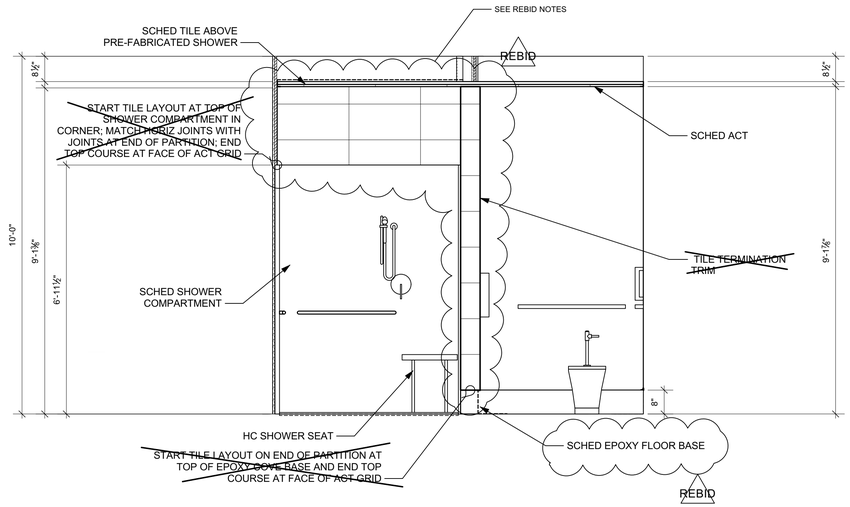
Sheet No.: A803 — of —

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT









1
A804
NORTH INTERIOR ELEVATION - FAMILY CHANGING ROOM
Scale: 1/2" = 1'-0"

REBID

3
A804
SOUTH INTERIOR ELEVATION - FAMILY CHANGING ROOM
Scale: 1/2" = 1'-0"

REBID WALL TILE NOTE: *DELETE ALL WALL TILE AS NOTED. REPLACE WITH SPECIFIED GPDW WITH EPOXY PAINT FINISH AS NOTED FOR OTHER WALLS. TERMINATE BOTTOM OF GPDW WITH L OR J STOP BEAD AND PROVIDE GPDW RETURNS TO WINDOW PER DETAIL 3/A712. EPOXY FLOOR SPEC HAS BEEN REVISED (SEE SCHEDULES) BUT COVE BASE REMAINS IN SOW.*

REBID SHOWER TILE NOTE: *DELETE ALL WALL AND CEILING TILE WITHIN SHOWER AREAS. REPLACE WITH SPECIFIED FRP PANELS AND TRIM INSTALLED OVER JH HARDIBACKER ON THE WALLS AND CEILING. PROVIDE NOTED SEALANT AT MATERIAL INTERSECTIONS.*

REBID WALL CORNER TRIM NOTE: *SINCE WALL TILE HAS BEEN DELETED, PROVIDE THE SPECIFIED STAINLESS STEEL CORNER PROTECTOR AT EACH OUTSIDE CORNER WITHIN LOCKER ROOMS; TYP.*

2
A804
EAST INTERIOR ELEVATION - FAMILY CHANGING ROOM
Scale: 1/2" = 1'-0"

4
A804
WEST INTERIOR ELEVATION - FAMILY CHANGING ROOM
Scale: 1/2" = 1'-0"

NOTE: NOT ALL MONUTING DIMENSIONS ARE SHOWN; SEE SHEET A770-772.

NORMAN KEFAUVER SMITH
No. 011663

No.	Date	Revision Notes	Zone	Appr
	3/29/2024	REBID REVISIONS CLOUDED		

No.	Date	Issue Notes
	1/3/2024	RELEASE FOR BID
2	12/7/2023	PERMIT SUBMISSION
1	10/19/2023	client review

Designed By	Date 12/6/2023
Drawn By	Revision Revision
Checked By	Project ID 23703;culpeper
Reviewed By	Drawing Code Drawing Code
Submitted By	CAD File Name
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Project Title
Culpeper County
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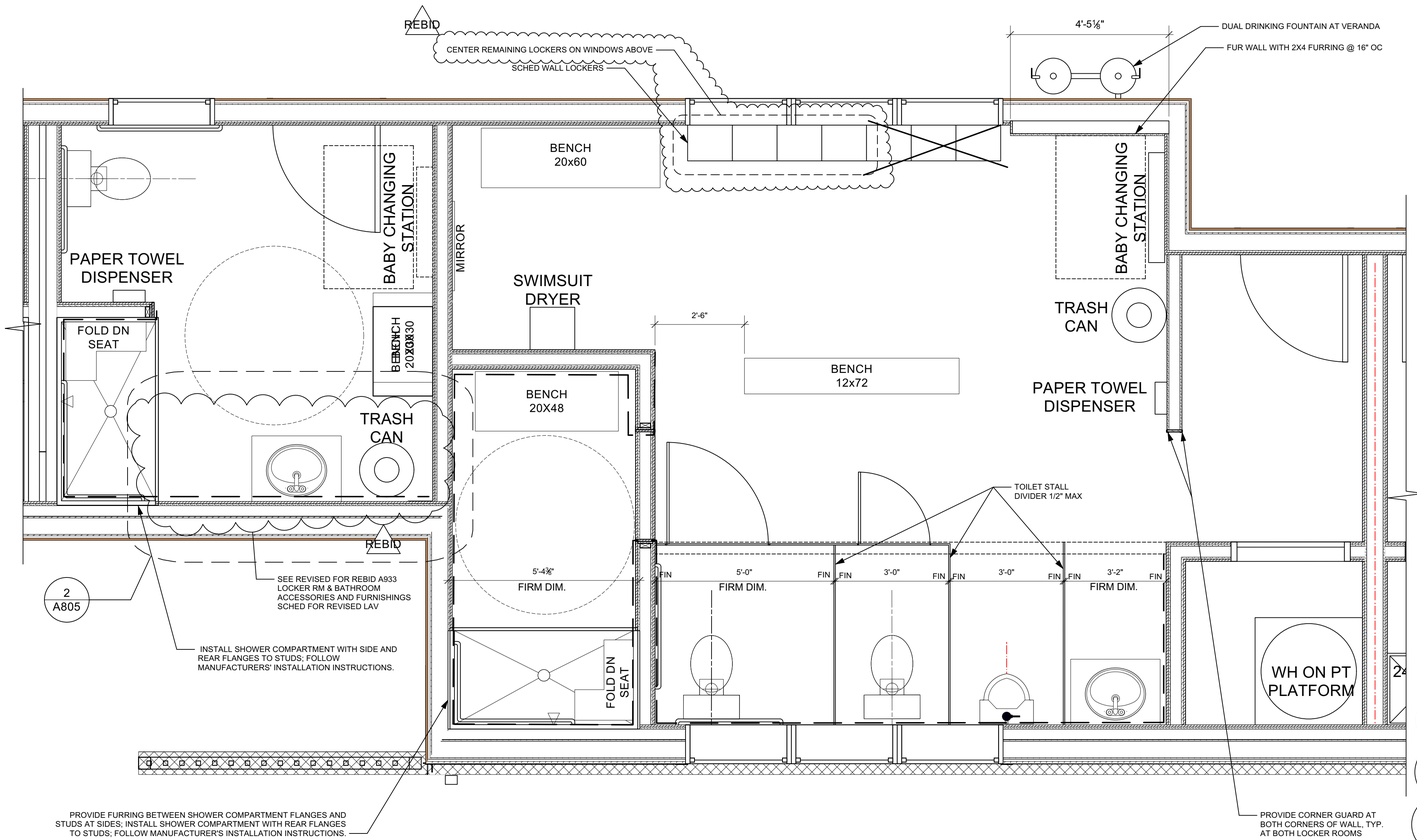
Sheet Title
INTERIOR ELEVATIONS
FAMILY CHANGING ROOM

Scale

Sheet No.
A804
of



NOTE: DIMENSIONS FOR TOILET/LAV COMPARTMENTS VIF PRIOR TO ROUGH-INS.

NOTE: SPACES NOTED WITH 'FIRM DIM.' SHALL MAINTAIN THAT DIM. ANY MAKEUP DIMS FOR TOILET/URINAL STALLS MAY BE TAKEN OUT OF LAV COMPARTMENT.

~~NOTE: DASHED LINE INDICATES EXTENT OF WALL TILE~~

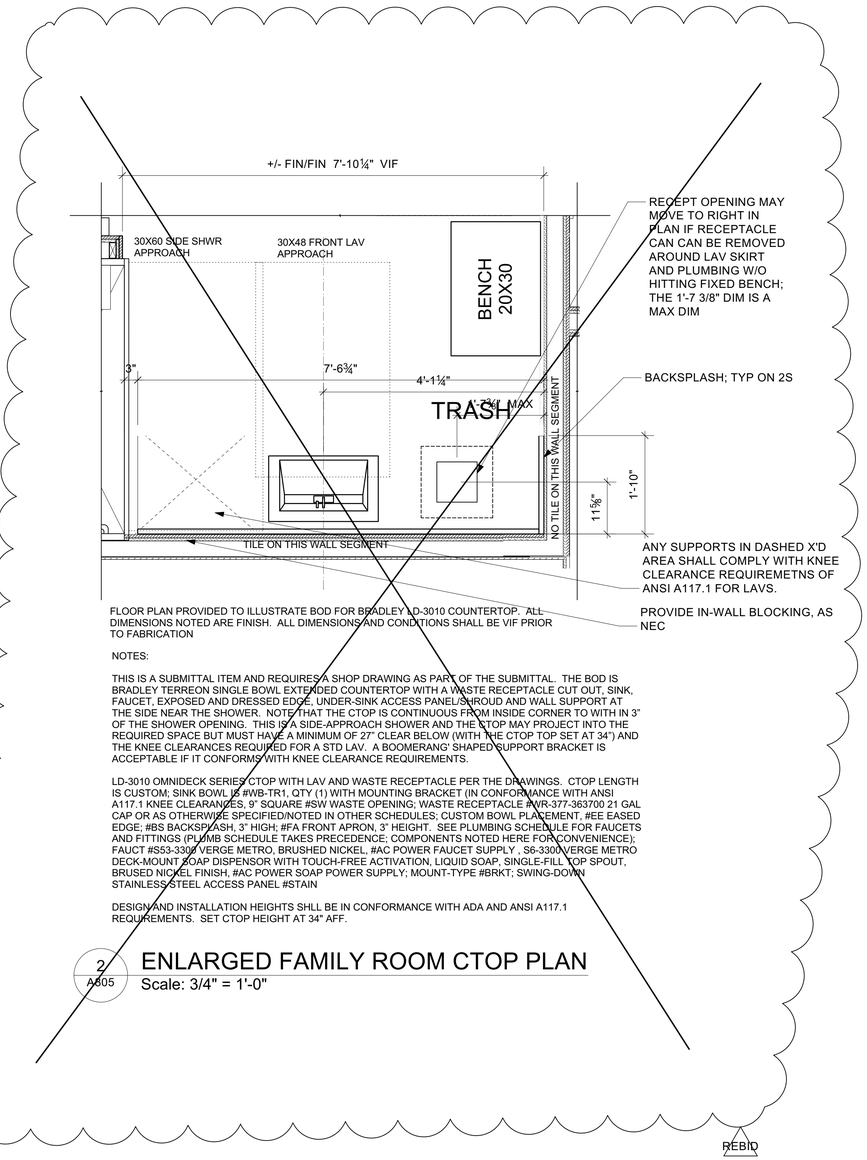
REBID

EQUIPMENT AND ITEMS NOTE: ENLARGED FLOOR PLANS MAY NOT SHOW ALL EQUIPMENT AND ITEMS THAT ARE SCHEDULED TO BE INSTALLED, SUCH AS TOWEL DISPENSORS, SANITARY NAPKIN DISPENSERS, ETC. SEE PLANS FOR GENERAL LOCATIONS AND SCHEDULES FOR ADDITIONAL INFORMATION. ALL LOCATIONS SHALL BE VIF.

1 A805 ENLARGED FLOOR PLAN - LOCKER ROOM

Scale: 1/2" = 1'-0"

NOTE: PLAN CUT IS AT MID-LEVEL, ABOVE DOOR OPENING



FLOOR PLAN PROVIDED TO ILLUSTRATE BOD FOR BRADLEY LD-3010 COUNTERTOP. ALL DIMENSIONS NOTED ARE FINISH. ALL DIMENSIONS AND CONDITIONS SHALL BE VIF PRIOR TO FABRICATION

NOTES:

THIS IS A SUBMITTAL ITEM AND REQUIRES A SHOP DRAWING AS PART OF THE SUBMITTAL. THE BOD IS BRADLEY TERREON SINGLE BOWL EXTENDED COUNTERTOP WITH A WASTE RECEPTACLE CUT OUT, SINK, FAUCET, EXPOSED AND DRESSED EDGE, UNDER-SINK ACCESS PANEL/SHROUD AND WALL SUPPORT AT THE SIDE NEAR THE SHOWER. NOTE THAT THE CTOP IS CONTINUOUS FROM INSIDE CORNER TO WITH IN 3" OF THE SHOWER OPENING. THIS IS A SIDE-APPROACH SHOWER AND THE CTOP MAY PROJECT INTO THE REQUIRED SPACE BUT MUST HAVE A MINIMUM OF 27" CLEAR BELOW (WITH THE CTOP TOP SET AT 34") AND THE KNEE CLEARANCES REQUIRED FOR A STD LAV. A BOOMERANG' SHAPED SUPPORT BRACKET IS ACCEPTABLE IF IT CONFORMS WITH KNEE CLEARANCE REQUIREMENTS.

LD-3010 OMNIDECK SERIES CTOP WITH LAV AND WASTE RECEPTACLE PER THE DRAWINGS. CTOP LENGTH IS CUSTOM; SINK BOWL IS #WB-TR1, QTY (1) WITH MOUNTING BRACKET (IN CONFORMANCE WITH ANSI A117.1 KNEE CLEARANCES, 9" SQUARE #SW WASTE OPENING; WASTE RECEPTACLE #WR-377-363700 21 GAL CAP OR AS OTHERWISE SPECIFIED/NOTED IN OTHER SCHEDULES; CUSTOM BOWL PLACEMENT, #EE EASED EDGE; #BS BACKSPLASH, 3" HIGH; #FA FRONT APRON, 3" HEIGHT. SEE PLUMBING SCHEDULE FOR FAUCETS AND FITTINGS (PLUMB SCHEDULE TAKES PRECEDENCE; COMPONENTS NOTED HERE FOR CONVENIENCE); FAUCT #553-330F VERGE METRO, BRUSHED NICKEL, #AC POWER FAUCET SUPPLY , S6-3300 VERGE METRO DECK-MOUNT SOAP DISPENSOR WITH TOUCH-FREE ACTIVATION, LIQUID SOAP, SINGLE-FILL TOP SPOUT, BRUSED NICKEL FINISH, #AC POWER SOAP POWER SUPPLY; MOUNT-TYPE #BRKT; SWING-DOWN STAINLESS STEEL ACCESS PANEL #STAIN

DESIGN AND INSTALLATION HEIGHTS SHLL BE IN CONFORMANCE WITH ADA AND ANSI A117.1 REQUIREMENTS. SET CTOP HEIGHT AT 34" AFF.

2 A805 ENLARGED FAMILY ROOM CTOP PLAN

Scale: 3/4" = 1'-0"

REBID

No.	Date	Issue Notes
2	10/2024	RELEASE FOR BID
1	12/7/2023 10/19/2023	PERMIT SUBMISSION client review

No.	Date	Revision Notes	Zone	Appr
	5/29/2024	REBID REVISIONS CLOUDED		

Date 12/6/2023
Revision Revision
Project # 23703.culpeper
Drawing Date
Checked By
CAD File Name 00/00/00
Project Manager
Consultant
Drawn By
Approved By
Consultant No.

Project Title: Culpeper County Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title: INTERIOR ELEVATIONS FAMILY CHANGING ROOM

Scale

Sheet No.
A805
of

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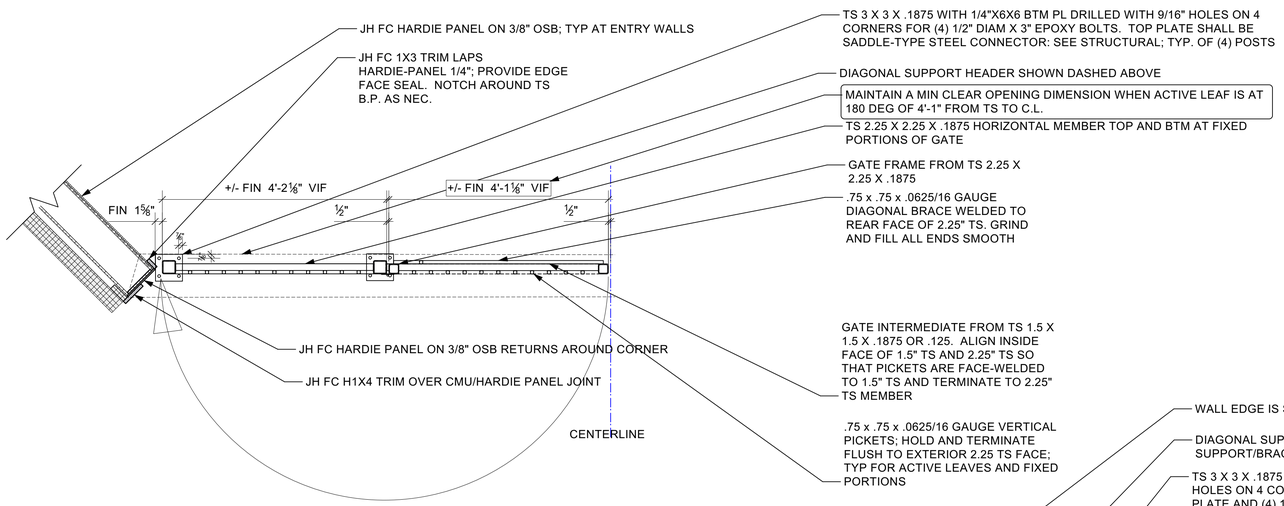
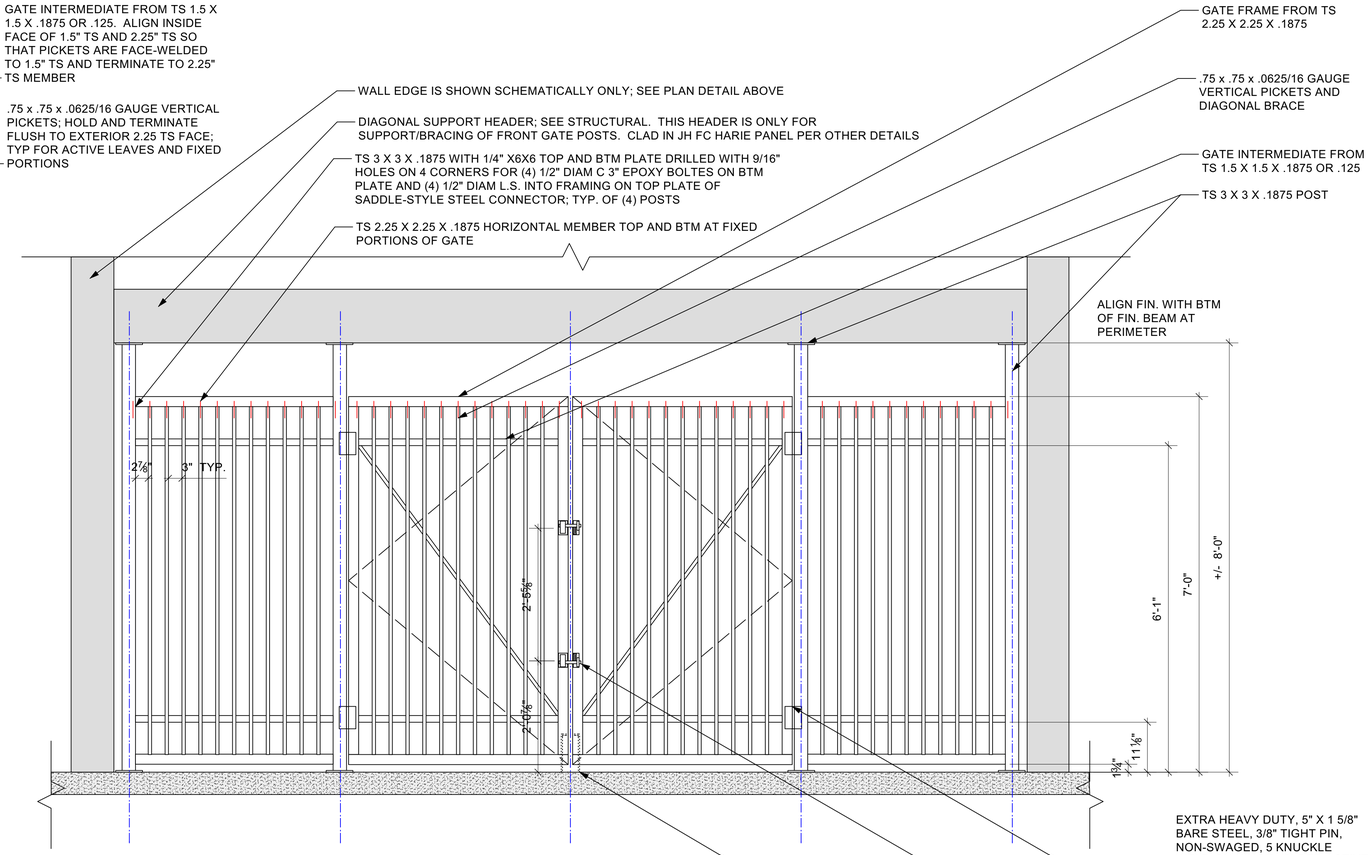
COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT





JH FC HARDIE PANEL ON 3/8" OSB; TYP AT ENTRY WALLS

JH FC 1X3 TRIM LAPS
HARDIE-PANEL 1/4"; PROVIDE EDGE
FACE SEAL. NOTCH AROUND TS
B.P. AS NEC.

TS 3 X 3 X .1875 WITH 1/4"X6X6 BTM PL DRILLED WITH 9/16" HOLES ON 4 CORNERS FOR (4) 1/2" DIAM X 3" EPOXY BOLTS. TOP PLATE SHALL BE SADDLE-TYPE STEEL CONNECTOR: SEE STRUCTURAL; TYP. OF (4) POSTS

DIAGONAL SUPPORT HEADER SHOWN DASHED ABOVE

MAINTAIN A MIN CLEAR OPENING DIMENSION WHEN ACTIVE LEAF IS AT 180 DEG OF 4'-1" FROM TS TO C.L.

TS 2.25 X 2.25 X .1875 HORIZONTAL MEMBER TOP AND BTM AT FIXED PORTIONS OF GATE

GATE FRAME FROM TS 2.25 X 2.25 X .1875

.75 x .75 x .0625/16 GAUGE DIAGONAL BRACE WELDED TO REAR FACE OF 2.25" TS. GRIND AND FILL ALL ENDS SMOOTH

JH FC HARDIE PANEL ON 3/8" OSB RETURNS AROUND CORNER

JH FC H1X4 TRIM OVER CMU/HARDIE PANEL JOINT

GATE INTERMEDIATE FROM TS 1.5 X 1.5 X .1875 OR .125. ALIGN INSIDE FACE OF 1.5" TS AND 2.25" TS SO THAT PICKETS ARE FACE-WELDED TO 1.5" TS AND TERMINATE TO 2.25" TS MEMBER

.75 x .75 x .0625/16 GAUGE VERTICAL PICKETS; HOLD AND TERMINATE FLUSH TO EXTERIOR 2.25 TS FACE; TYP FOR ACTIVE LEAVES AND FIXED PORTIONS

1 A806 PARTIAL PLAN OF ENTRY GATE

Scale: 3/4" = 1'-0"

NOTE:
ACTIVE LEAVES MUST SWING 180 DEGREES OPEN TO REST ON OR NEAR FIXED PORITONS TO MAINTAIN OPENING DIMENSIONS

WALL EDGE IS SHOWN SCHEMATICALLY ONLY; SEE PLAN DETAIL ABOVE

DIAGONAL SUPPORT HEADER; SEE STRUCTURAL. THIS HEADER IS ONLY FOR SUPPORT/BRACING OF FRONT GATE POSTS. CLAD IN JH FC HARIE PANEL PER OTHER DETAILS

TS 3 X 3 X .1875 WITH 1/4" X6X6 TOP AND BTM PLATE DRILLED WITH 9/16" HOLES ON 4 CORNERS FOR (4) 1/2" DIAM C 3" EPOXY BOLTES ON BTM PLATE AND (4) 1/2" DIAM L.S. INTO FRAMING ON TOP PLATE OF SADDLE-STYLE STEEL CONNECTOR; TYP. OF (4) POSTS

TS 2.25 X 2.25 X .1875 HORIZONTAL MEMBER TOP AND BTM AT FIXED PORTIONS OF GATE

GATE FRAME FROM TS 2.25 X 2.25 X .1875

.75 x .75 x .0625/16 GAUGE VERTICAL PICKETS AND DIAGONAL BRACE

GATE INTERMEDIATE FROM TS 1.5 X 1.5 X .1875 OR .125

TS 3 X 3 X .1875 POST

ALIGN FIN. WITH BTM OF FIN. BEAM AT PERIMETER

EXTRA HEAVY DUTY, 5" X 1 5/8" BARE STEEL, 3/8" TIGHT PIN, NON-SWAGED, 5 KNUCKLE WELD-ON HINGE; (2) PER ACTIVE LEAF. CONFIRM THAT HINGE WEIGHT RATING IS ADEQUATE FOR ASSEMBLED ACTIVE LEAF WEIGHT

5" LOCKABLE, WELD-ON GATE LATCH, MIN 1/8" THICK FOR COMBINATION OR KEYED LOCK TO BE PROVIDED BY COUNTY; TYP. OF (2)

WELD-ON, PAD-LOCKABLE OR OTHERWISE LOCKABLE DROP/CANE BOLT TYP. OF (2), LOCATED ON INSIDE FACE OF GATE. PROVIDE DRILLED HOLES IN SLAB FOR BOLTS IN DROPPED CLOSED POSITION AND OPEN POSITION FOR EACH LEAF

2 A806 ELEVATION OF ENTRY GATE

Scale: 3/4" = 1'-0"

NOTE:
FRONT ENTRY GATE IS A FABRICATION ITEM FROM EITHER THE FENCE VENDOR OR BY SEPARATE STRUCTURAL/DECORATIVE STEEL FABRICATOR. THE PLAN AND ELEVATION DRAWINGS INDICATE THE B.O.D. ALONG WITH HARDWARE AND MEMBER SIZES. THIS COMPONENT REQUIRES A SHOP DRAWING SUBMITTAL INDICATING MEMBER SIZES AND THICKNESSES, WELD, DIMENSIONS AND HARDWARE; A P.E. STAMP IS PREFERREED BUT NOT REQUIRED ON THE SHOP DRAWINGS. IF MEMBER SIZES ARE NOT AVAILABLE, OTHER SIZES MAY HAVE PROPOSED SUBSTITUTIONS, SUBJECT TO SUBMITTAL REQUIREMENTS

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No. 011463

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No	Date	Revision Notes	Zone	Appr

No.	Date	Issue Notes
2	1/3/2024	RELEASE FOR BID
	12/7/2023	PERMIT SUBMISSION
1	10/19/2023	client review

Designed By		Date	10/19/2023
Drawn By		Revision	Revision
Checked By		Project ID	23703;culpeper
Reviewed By		Drawing Code	Drawing Code
Submitted By		CAD File Name	
Project Manager		Plot Date	00/00/00

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Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
ENTRY GATE PLAN AND ELEVATION

Scale

Sheet No.
A806
of

23703-DOOR SCHEDULE-BID-010324

ABBREVIATIONS: WD = WOOD, PG = PAINT-GRADE, SG = STAIN-GRADE, PRFN= FACTORY PRE-FINISHED, FJ = FINGER-JOINTED, HM = HOLLOW METAL, SC = SOLID-CORE, HC = HOLLOW-CORE, PB = PARTICLE BOARD, MC= MINERAL CORE; WV = WOOD VENEER, O = OPERABLE, S= STATIONARY, PNL = PANEL, AWN=AWNING,CSM=CASEMENT, FG = FULL LITE(SDI 'FG'), HG = HALF GLASS OR HALF LITE (SDI 'G'), FF= FULL FLUSH (SDI 'F'), BOTTOM LOUVER DOOR=LD (SDI' L')**, INSUL = INSULATED**

GENERAL NOTES:

1. FRAME DEPTH FOR HM FRAMES = THROAT = TH; ALL THROATS SHALL BE VIF PRIOR TO ORDERING TO CONFIRM THAT WALL DEPTH MATCHES ARCHTL DRAWINGS AND ACTUAL FIELD CONDITIONS.
2. DOOR DIMENSIONS ARE NOMINAL DOOR LEAVE SIZES, UON
3. UNLESS OTHERWISE NOTED, DOOR SLABS, DOOR FRAMES AND PRE-HUNG DOOR UNITS ARE A SUBMITTAL ITEM AND ALL ITEMS, SIZES AND LAYOUTS SHALL BE REVIEWED BY THE GENERAL CONTRACTOR AND/OR VENDOR AND THE ARCHITECT NOTIFIED OF ANY DISCREPANCIES AND/OR INCOMPLETE INFORMATION DURING THE SUBMITTAL PROCESS AND/OR PRIOR TO ORDERING. NOTE THAT DOOR FRAME THROATS ARE SPECIFIED AS THE ACTUAL (DIMENSIONAL) THROAT DIMENSION AND ALREADY INCLUDE ALLOWANCE FOR A GAP (GAP IS 1/16" EACH SIDE).
4. SEE DOOR H/W SCHEDULE, IF PROVIDED, FOR DOOR H/W COMPONENTS AND FINISHES REFERENCED BELOW.
5. ALL POCKET DOOR, SLIDING BYPASS DOOR AND BARN DOOR LENGTHS SHALL BE VIF PRIOR TO ORDERING TRACKS, RAILS AND NECESSARY APPURTENANCES. DO NOT INSTALL TILE ON PD WALLS UNLESS APPROVED
6. DOOR SPECIFIC INFORMATION: FRAMES MAY BE KNOCKDOWN (KD) WHERE NOTED BUT OTHERWISE SHALL BE FACE-WELDED (FW) PER SDI STANDARDS. INSUL CORE DOORS SHALL HAVE POLYSTYRENE OR POLYURETHANE INSULATTION TO ACHIEVE AT LEAST THE U VALUES NOTED HEREIN. ALL DOOR PREP SHALL CONFORM WITH SDI STANDARDS VENDOR SHALL HAVE SDI OR EQUIVALENT CERTIFCATION(S). CONSTRUCTION STANDARD DESIGNATION IS BASED ON CECO BUT OTHER MANUFTR ARE ACCPETABLE, SUBJECT TO SUBMITTAL REQUIREMENTS. MIN FINISH REQUIREMENTS ARE GREY SHOP PRIME ON DOORS AND FRAMES WITH FIELD APPLIED 2 FINISH COATS OF INDUSTRIAL ACYLIC COATING(S); THIS WILL REQUIRE A FIELD SAMPLE REQUIREMENT TO CONFIRM/APPROVE FINISH AND SHEEN. ADD-ALTERNATE IS PREFINISHED DOOR SLABS AND FRAMES USING THE PPG RAL POWDER COAT PROGRAM USING TGIC POLYESTER RESIN TECHNOLOGY OR APPROVED EQUAL; ASSUME ANTHRCITE GREY AS THE COLOR SUBJECT TO FINAL SELECTION APPROVAL. DOORS AND FRAMES SHALL BE SDI LEVEL 2 OR 3 AS NOTED

U-VALUE AND OTHER REQUIREMENTS:
COMMERCIAL BUILDINGS IN VA CLIMATE ZONE 4A - OPAQUE DOORS [DOORS HAVING < 50% GLASS AREA] (2018 VA ECC TABLE C402.1.3 & .4): SWINGING = U-0.61; NON-SWINGING = R-4.75; VERT. FENESTRATION (2018 VA ECC TABLE C402.4): FIXED = U-0.38; OPERABLE = U-0.45; ENTRANCE DOORS = U-0.77; SHGC: 0.36

GROUND LEVEL

ARCH MK	CLIENT MK			LCN	QTY	TYPE	MANUFT	DR SLAB TYPE	DR EXT FIN	DR INT FIN	GLAZE	DR DIMS			FRAME TYPE	FRAME DEPTH	FRAME EXT FIN	INT FIN	EGRESS CODE REQ	DR FIRE RATING	FRAME FIRE RATING	HW+FIN: ALSO SEE HARDWARE SCHEDULE	SCREEN+FIN	NOTES
#	FGR	SP	#									THICK	W	H										
00.0				ACCESS GATE/NORTH																		LOCKABLE WITH HASP AND COMBO LOCK OR SIMILAR; NOT FOR EGRESS		48" WIDE ACCESS GATE IN THE NORTH LEG OF THE NEW FENCE. FABRICATION BY FENCE VENDOR; REQUIRES SUBMITTAL
00.1				VEHICULAR GATE/EAST																		LOCKABLE HARDWARE WITH UNLOCKING FROM EXTERIOR; REQUIRES COMBINATION LOCK, KEYBOX OR SIMILAR FOR EMS ACCESS		FABRICATION BY FENCE VENDOR; REQUIRES SUBMITTAL; STANDARD ROLLING GATE WITH (1) 120" LEAF LONG OR (2)72" OPPOSING LEAVES
00.2				EGRESS GATE/SOUTH																		HARDWARE NOTE P; NOTE THAT THIS GATE IS A FABRICATION BY FENCE VENDOR AND INCLUDES SPRING HINGES; PANIC BAR AND SHIELD IS SPECIFIED ON HARDWARE SCHEDULE MARK P AND MAY BE PROVIDED BY FENCE FABRICATOR OR BY GC. NOTE THAT INSTALLATION MAY REQUIRE SOME FIELD WELDING		FABRICATION BY FENCE VENDOR; REQUIRES SUBMITTAL; STANDARD HINGED GATE WITH (1) 48" WIDE LEAF AND PANIC BAR AND SHIELD. ALSO SEE HARDWARE NOTES AND SCHEDULE. THIS GATE WILL REQUIRE FIELD WORK TO INSTALL THE PANIC BAR AND MAY REQUIRE FIELD-WELDING. A SUBMITTAL IS REQUIRED FOR BOTH THE GATE ITSELF AND THE PANIC HARWARE/SHIELD KIT
00.3				MAIN BUILDING ENTRY GATE																				FABRICATION BY SEPARATE STUCTL STEEL OR FENCE VENDOR; SEE DETAILS. THIS IS A SUBMITTAL ITEM. FENCE SHALL HAVE (2) FIXED LEAVES AND (2) OPERABLE 48" LEAVES WITH DROP BOLTS. FENCE/GATE SHALL BE 84" HIGH. GATE SHALL BE LOCKABLE WITH HASP AND COMBO OR KEYED LOCK. BOTH GATES SHALL BREMAIN UNLOCKED DURING OCCUPANCY AND SHALL HAVE THE FOLLOWING SIGNAGE: **"GATES SHALL REMAIN UNLOCKED AT ALL TIMES DURING BUILDING OCCUPANCY'**
01				FACILITY STORAGE		DBL-HINGED-LH/RH	CONSTRUCT STANDARD; SDI LVL 2	FF, HM, INSUL CORE	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	72	80	HM/18 GA; FW; STD DBL RABBET	6 5/8"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Bc, Cc, E, F, O, Q, T	N/A	
02				W LOCKER ROOM		SNG-HINGED-RH	CONSTRUCT STANDARD; SDI LVL 3	FF, HM, INSUL CORE	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	36	80	HM/16 GA; FW;; STD DBL RABBET	6 3/4"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ab, Ba, Cb, Gc, H, Q, Rb, S,	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R
03				JANITOR CLOSET		SNG-HINGED-LH	CONSTRUCT STANDARD; SDI LVL 2	FLUSH, HM	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	36	80	HM/18 GA; KD OR FW;; STD DBL RABBET	6 7/8"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT		NA	NA	Bc, Ca, Ga, N, Rb, T	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R; CONFIRM PAINTED CONC FLR AND SILL CONFIG IN THIS SPACE
04				M LOCKER ROOM		SNG-HINGED-LH	CONSTRUCT STANDARD; SDI LVL 3	FF, HM, INSUL CORE	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	36	80	HM/16 GA; FW;; STD DBL RABBET	6 3/4"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ab, Ba, Cb, Gc, H, Q, Rb, S,	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R
05				WATER SVC CLOSET		SNG-HINGED-RH	CONSTRUCT STANDARD; SDI LVL 2	FLUSH, HM	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	36	80	HM/18 GA; KD OR FW;; STD DBL RABBET	6 7/8"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT		NA	NA	Bc, Ca, Ga, N, Rb, T	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R; CONFIRM PAINTED CONC FLR AND SILL CONFIG IN THIS SPACE
06				FAMILY CHANGING RM 1		SNG-HINGED-LH	CONSTRUCT STANDARD; SDI LVL 3	FF, HM, INSUL CORE	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	36	80	HM/16 GA; FW;; STD DBL RABBET	6 3/4"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ab, Ba, Cb, Gb, I, Q, Rb, S,	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R
07				FAMILY CHANGING RM 2		SNG-HINGED-RH	CONSTRUCT STANDARD; SDI LVL 3	FF, HM, INSUL CORE	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	36	80	HM/16 GA; FW;; STD DBL RABBET	6 3/4"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ab, Ba, Cb, Gb, I, Q, Rb, S,	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R
08				RECEPTION		SNG-HINGED-LH	CONSTRUCT STANDARD; SDI LVL 2	FL (SDI FG), HM, INSUL CORE	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	TEMPERED	1.75	36	80	HM/18 GA; KD OR FW; STD DBL RABBET	6 10/16"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Aa, Bb, Ca, Ga, J, Q, Rb, T	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R
09				P&R OFFICE		SNG-HINGED-LH	CONSTRUCT STANDARD; SDI LVL 1	FL (SDI FG), HM, INSUL CORE	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	TEMPERED	1.75	36	80	HM/20 GA; KD OR FW;; STD DBL RABBET	6 3/4"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Aa, Bb, Ca, Ga, J, Q, Ra, S,	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R
10				IT CLOSET		DBL-HINGED-LH/RH	CONSTRUCT STANDARD; SDI LVL 1	FF, HM,	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	60	80	HM/20 GA; FW;; STD DBL RABBET	4 7/8"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ca, E, O, Rb, T	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R; CONFIRM PAINTED CONC FLR AND SILL CONFIG IN THIS SPACE
11				OPEN OFFICE		SNG-HINGED-LH	CONSTRUCT STANDARD; SDI LVL 1	FL (SDI FG), HM	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	TEMPERED	1.75	36	80	HM/20 GA; KD OR FW; STD DBL RABBET	6 3/4"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Aa, Bb, Ca, Ga, J, Q, Ra, S, T	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R
12				JANITOR/ W/D CLOSET		DBL-HINGED-LH/RH	CONSTRUCT STANDARD; SDI LVL 1	FF, HM,	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	60	80	HM/20 GA; KD OR FW; STD DBL RABBET	4 7/8"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ca, O, T	N/A	SEE SILL CONFIURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R; NO SILL REQUIRED ASSUMING FLOOR FINISH IS CONSISTENT THRU
13				STAFF RESTROOM		SNG-HINGED-RH	CONSTRUCT STANDARD; SDI LVL 1	FF, HM,	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	36	80	HM/20 GA; KD OR FW; STD DBL RABBET	4 7/8"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ca, Ga, L, T	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R; NO SILL REQUIRED ASSUMING FLOOR FINISH IS CONSISTENT THRU
14				CLASSROOM		SNG-HINGED-RH	CONSTRUCT STANDARD; SDI LVL 2	FL (SDI FG), HM, INSUL CORE	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	TEMPERED, LOW-E	1.75	36	80	HM/18 GA; FW; STD DBL RABBET	6 3/4"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ab, Ba, Cb, Gb, K, Q, Rb, S,	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R
15				CLASSROOM		SNG-HINGED-LH	CONSTRUCT STANDARD; SDI LVL 2	FL (SDI FG), HM, INSUL CORE	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	TEMPERED, LOW-E	1.75	36	80	HM/18 GA; FW;STD DBL RABBET	6 3/4"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ab, Ba, Cb, Gb, K, Q, Rb, S,	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R
16				CLASSROOM STORAGE		DBL-HINGED-LH/RH	CONSTRUCT STANDARD; SDI LVL 2	FF, HM,	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	72	80	HM/18 GA; KD OR FW; STD DBL RABBET	4 7/8"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Bc, Ca, Ga X 2, O, Rb, T	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R
17				CONCESSION		SNG-HINGED-RH	CONSTRUCT STANDARD; SDI LVL 2	FF, HM, INSUL CORE	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	36	80	HM/18 GA; FW; STD DBL RABBET	6 3/4"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ab, Ba, Cb, E, Gb, M, Q, Rb, S,	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R
18				CONCESSION STORAGE		SNG-HINGED-LH	CONSTRUCT STANDARD; SDI LVL 2	FF, HM,	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	36	80	HM/18 GA; FW; STD DBL RABBET	4 7/8"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ba, Cb, Gb, N, Ra, S,	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R
19				CONCESSION STORAGE		DBL-HINGED-LH/RH; OUTSWING	CONSTRUCT STANDARD; SDI LVL 2	FF, HM, INSUL CORE	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	72	80	HM/18 GA; FW; STD DBL RABBET	6 3/4"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ba, Cc, D, E, F, Gc, O, Q, Rb, S,	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R; CONFIRM THROAT AND EXTR TRIM WITH MASONRY VENEER DETAIL. (1) WALL STOP+HOOK EACH LEAF
20				FILTER ROOM		DBL-HINGED-LH/RH; OUTSWING	CONSTRUCT STANDARD; SDI LVL 2	FF, HM, INSUL CORE	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	72	80		6 3/4"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ba, Cc, D, E, F, Gc, O, Q, Rb, S,	N/A	SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R; TYP FOR MOST DOOR SILLS; CONFIRM THROAT AND EXTR TRIM WITH MASONRY VENEER DETAIL. (1) WALL STOP+HOOK EACH LEAF
21				FILTER ROOM		SNG-HINGED-RH; OUTSWING	CONSTRUCT STANDARD; SDI LVL 2	FF, HM, INSUL CORE	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE:FACTORY PRIME WITH FIELD FIN COAT	N/A	1.75	36	80	HM/18 GA; FW;; STD DBL RABBET	6 3/4"	BASE: FACTORY PRIME WITH FIELD FIN COAT	BASE: FACTORY PRIME WITH FIELD FIN COAT	NA	NA	NA	Ba, Cc, F, Gc, N, Q, Rb, S,		SEE SILL CONFIGURATION AND CONSTRUCTION SEQUENCE NOTE ON HARDWARE SCHEDULE MARK R

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HARDWARE SCHEDULE NOTES:

1. DOOR HARDWARE NOTED HEREIN OR ON A SEPARATE HARDWARE SCHEDULE IS A SUBMITTAL ITEM. HARDWARE NOTATIONS ESTABLISH THE GENERAL LEVEL OF QUALITY AND FUNCTION THAT THE COIUNTY REQUIRES BUT MAY NOT INCLUDE ALL ITEMS NECESSARY TO INSTALL THE LOCK OR PREP THE DOOR FOR THE HARDWARE. GC AND HARDWARE SUPPLIER SHALL REVIEW THE SPEC/SCHEDULE AND ASSIST THE ARCHITECT AND COUNTY IN PREPARING A COMPLETE AND THOROUGH HARDWARE SCHEDULE THAT CLEARLY AND COMPLETELY LISTS ALL LOCKSETS, DOOR PREP REQUIREMENTS, CYLINDER TYPES AND REQUIREMENTS, FUNCTIONS AND OTHER, ASSOCIATED HARDWARE. WHERE POSSIBLE, DOOR PREP REQUIREMENTS HAVE BEEN NOTED BUT IT IS THE RESPONSIBILITY OF THE GC/VENDOR TO CONFIRM ALL REQUIREMENTS PRIOR TO ORDERING.
2. ALL FUNCTIONS OF LOCKS SHALL BE CLEARLY NOTED AND SHALL BE CONFIRMED WITH THE COUNTY DURING THE SUBMITTAL PROCESS. NOTE ALSO, THAT THE COUNTY USES A GRAND MASTER KEYING SYSTEM, SO ALL LOCKSET CORES/CYLINDERS SHALL BE COMPATIBLE WITH THAT SYSTEM.
3. CULPEPER COUNTY HAS REQUESTED THAT SARGENT LOCKSETS BE SPECIFIED FOR THIS PROJECT TO MAINTAIN CONTINUITY ACROSS COUNTY FACILITIES. SUBSTITIONS FOR THESE LOCKSETS WILL NOT BE CONSIDERED UNLESS SPECIFIED ITEMS ARE UNAVAILABLE AT TIME OF CONSTRUCTION OR ARE OTHERWISE UNSUITABLE FOR THE APPLICATION.
4. CORES CYLINDERS SHALL ALSO BE COORDINATED WITH THE KEYS/CORES/CYLINDERS OF THE CULPEPER FIELD HOUSE KEYING SYSTEM.
5. OTHER ITEMS ARE AN ‘OR APPROVED EQUAL’, SUBJECT TO SUBMITTAL REQUIRMENTS.

HARDWARE MARKS

A. CLOSER:
   a. FOR OFFICES: SARGENT 1331-JO-STANDARD ARM, EN FINISH OR APPROVED EQUAL; PULL-SIDE MOUNT; ANSI/BHMA A156.4, GRADE 1; AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANT; ICC A117.1 COMPLIANT; UL-CUL FIRE-RATED UP TO 3 HOUR; NON-HANDED; ADJUSTABLE CLOSING FORCE RANGE FROM SIZE 1 - 6
   b. FOR LOCKER ROOMS, CLASSROOMS AND SINGLE CONCESSION DOOR: SARGENT 1432-O-STANDARD ARM, EN FINISH OR APPROVED EQUAL; PULL-SIDE MOUNT; ANSI/BHMA A156.4, GRADE 1; AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANT; ICC A117.1 COMPLIANT; UL-CUL FIRE-RATED UP TO 3 HOUR; NON-HANDED; ADJUSTABLE CLOSING FORCE RANGE FROM SIZE 1 – 6; 15 MILLION CYCLE FREQUENCY

B. KICK PLATE: SCHLAGE/IVES #8400 STAIN CHROME/US26D KICK PLATE, 10”X34”.
   a. INSTALL ON PUSH AND PULL SIDES:
      i. FOR LOCKER ROOM DOORS
      ii. FOR CLASSROOM DOORS
      iii. ALL FILTER ROOM DOORS
      iv. ALL CONCESSION AND CONCESSION STORAGE DOORS
   b. INSTALL ON PUSH SIDE:
      i. FOR OFFICE DOORS
   c. INSTALL ON APPROACH SIDE
      i. FACILITY STORAGE DOORS
      ii. CLASSROOM STORAGE DOORS
      iii. LOCKER JANITOR AND SERVICE ENTRANCE DOORS

C. HINGES:
   a. FOR ALL DOORS EXCEPT LOCKER ROOM DOORS, CLASSROOM DOORS, OUTWSWING DOORS, CONCESSION AND FILTER ROOM DOORS: ANTI- FRICTION BEARING HINGE- COMMERCIAL GRADE, 5-KNUCKLE, AVERAGE FREQUENCY/STANDARD WEIGHT, STANLEY OR APPRVD EQ, FBB179 OR CB179 (4 ½” X 4 ½”) OR (4 ½” X 4”), 626/US26D-SATIN CHROME, SWAGED U.O.N. OR AS NECESSARY. MIN 3 HINGES PER DOOR. INTENDED FOR MEDIUM WEIGHT DOORS; ACTUAL DOOR WEIGHT SHALL BE CROSS-CHECKED WITH HINGE WEIGHT BY VENDOR DURING SUBMITTAL PROCESS.
   b. FOR LOCKER ROOM DOORS, CLASSROOM DOORS, FILTER ROOM SINGLE DOOR AND CONSESSION SINGLE DOORS: FRICTION BEARING HINGE- COMMERCIAL GRADE, 5-KNUCKLE, HIGH FREQUENCY/HEAVY DUTY, STANLEY OR APPRVD EQ, STD WEIGHT, ANTI-FRICTION BEARING, FBB168 (4 ½” X 4 ½”) OR (4 ½” X 4”), 626/US26D-SATIN CHROME,

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SWAGED U.O.N. OR AS NECESSARY. MIN 3 HINGES PER DOOR. INTENDED FOR HEAVY DUTY/SDI LEVEL 3 DOORS; ACTUAL DOOR WEIGHT SHALL BE CROSS-CHECKED WITH HINGE WEIGHT BY VENDOR DURING SUBMITTAL PROCESS.
   c. FOR OUTSWING DOORS: FRICTION BEARING HINGE- COMMERCIAL GRADE, 5-KNUCKLE, HIGH FREQUENCY/HEAVY DUTY, STANLEY OR APPRVD EQ, STD WEIGHT, ANTI-FRICTION BEARING, FBB168 (4 ½” X 4 ½”) OR (4 ½” X 4”), 626/US26D-SATIN CHROME, SWAGED U.O.N. OR AS NECESSARY. NON-REMOVEABLE PINS(NRP). MIN 3 HINGES PER DOOR. INTENDED FOR HEAVY DUTY/SDI LEVEL 2 AND 3 DOORS; ACTUAL DOOR WEIGHT SHALL BE CROSS-CHECKED WITH HINGE WEIGHT BY VENDOR DURING SUBMITTAL PROCESS.

D. ASTRAGAL FOR DOUBLE DOORS: CAL-ROYAL EAST-501, ALUMINUM ‘T’ ASTRAGAL WITH VINYL INSERT OR APPROVED EQUAL; ASTRAGAL SHALL EXTEND FULL HEIGHT OF DOOR EXCEPT AROUND STRIKE PROTECTOR.

E. FLUSH HEAD AND FOOT BOLTS FOR DOUBLE DOORS THAT REQUIRE LOCKING: IVES FB 457, US 26D/626 FINISH. PROVIDE TWO PER INACTIVE LEAF OF DOUBLE DOOR. PROVIDE HEAD BOLT STRIKE PLATE AND FOOT BOLT DUST-PROOF RETRACTABLE STRIKE DP2, US 26D/626. *MOUNTING IS 8-32 X 1” FPHMS AND WILL REQUIRE ADDITIONAL INACTIVE DOOR LEAF PREP*

F. STRIKE PROTECTOR FOR USE ON SINGLE OR DOUBLE DOORS THAT REQUIRE LOCKING; DON-JO #PLP211, 626 FINISH. INSTALL ON ACTIVE DOOR LEAF

G. DOOR STOPS:
   a. ALL DOORS, AS NOTED EXCEPT LOCKER ROOM AND CLASSROOM DOORS: IVES WALL-MNT WALL STOP WS 447 FOR DRYWALL/WOOD, US 26D/626 FINISH. PROVIDE IN-WALL BLOCKING; SET APPROX 1.5” ABOVE TOP OF COVED FLOORING EDGE
   b. LOCKER ROOM, CLASSROOM DOORS CONCESSION DOORS: IVES FLR-MNT FS 446 DOOR STOP AND MANUAL DOOR HOLDER FOR MASONRY
   c. FILTER ROOM DOOR AND OTHER DOORS THAT REQUIRE A DOOR STOP WITH HOOK; IVES WALL STOP+HOOK WS-449 FOR DRYWALL/WOOD, US 26D/626 FINISH. PROVIDE IN-WALL BLOCKING;

H. CYLINDRICAL DOOR LOCKSET; **MEN’S AND WOMENS LOCKER ROOMS**: SARGENT 11-LINE, 11G37, ANSI F84, CLASSROOM FUNCTION (DEADLOCKING LATCH, LATCHBOLT BY EITHER LEVER UNLESS OUTSIDE LEVER IS LOCKED BY THE KEY, KEY IN OUTSIDE LEVER LOCKS OR UNLOCKS OUTSIDE LEVER, INSIDE LEVER ALWAYS OPERATIVE); ANSI/BHMA CODE: A156.2, SERIES 4000, GRADE 1; ADA LEVER HANDLE ‘B’; ROSE CONFIG ‘L’

I. CYLINDRICAL DOOR LOCKSET; **FAMILY LOCKER ROOMS**: SARGENT 11-LINE, 11G24, ANSI F82, ENTRY/OFFICE FUNCTION (DEADLOCKING LATCH, LATCHBOLT BY EITHER LEVER UNLESS OUTSIDE LEVER IS LOCKED BY PUSH/TURN BUTTON IN INSIDE LEVER, PUSH BUTTON RELEASED BY KEY OR TURNING INSIDE LEVER, CLOSING DOOR DOES NOT UNLOCK OUTSIDE LEVER OR RELEASE BUTTON); ANSI/BHMA CODE: A156.2, SERIES 4000, GRADE 1; ADA LEVER HANDLE ‘B’; ROSE CONFIG ‘L’ (CONFIRM ROSE DIAMETER WITH FULL LIGHT DOOR STILE WIDTH0; SATIN CHROME US 26D/626 FINISH)

J. CYLINDRICAL DOOR LOCKSET; **OFFICES**: SARGENT 10-LINE, 10G05, ANSI F81, ENTRY/OFFICE FUNCTION (DEADLOCKING LATCH, LATCH BY EITHER LEVER UNLESS OUTSIDE LEVER IS LOCKED BY PUSH/TURN BUTTON IN INSIDE LEVER, PUSH BUTTON RELEASED BY KEY OUTSIDE OR LEVER INSIDE, TURN BUTTON MUST BE RELEASED MANUALLY, KEY RETRACTS LATCH WHEN OUTSIDE LEVER IS LOCKED); ANSI/BHMA CODE: A156.2, SERIES 4000, GRADE 1; ADA LEVER HANDLE ‘B’; ROSE CONFIG ‘L’ (CONFIRM ROSE DIAMETER WITH FULL LIGHT DOOR STILE WIDTH); SATIN CHROME US 26D/626 FINISH)

K. CYLINDRICAL DOOR LOCKSET; **CLASSROOM**: SARGENT 10-LINE, 10G37, ANSI F84, CLASSROOM FUNCTION (DEADLOCKING LATCH, LATCHBOLT BY EITHER LEVER UNLESS OUTSIDE LEVER IS LOCKED BY THE KEY, KEY IN OUTSIDE LEVER LOCKS OR UNLOCKS OUTSIDE LEVER, INSIDE LEVER ALWAYS OPERATIVE); ANSI/BHMA CODE: A156.2, SERIES 4000, GRADE 1; ADA LEVER HANDLE ‘B’; ROSE CONFIG ‘L’ (CONFIRM ROSE DIAMETER WITH FULL LIGHT DOOR STILE WIDTH); SATIN CHROME US 26D/626 FINISH)

L. CYLINDRICAL DOOR LOCKSET; **STAFF BATHROOM**: SARGENT 10-LINE, 10U65, ANSI F76A, PRIVACY BATH/BEDROOM FUNCTION (LATCH BY EITHER LEVER UNLESS OUTSIDE LEVER IS LOCKED BY PUSH BUTTON IN INSIDE LEVER, TURNING INSIDE LEVER OR CLOSING DOOR RELEASES BUTTON, EMERGENCY BUTTON IN OUTSIDE LEVER UNLOCKS, WITH USE OF A BLADE SCREWDRIVER IN OUTSIDE LEVER AND RELEASES INSIDE BUTTON); ANSI/BHMA CODE: A156.2, SERIES 4000, GRADE 1; ADA LEVER HANDLE ‘B’; ROSE CONFIG ‘L’

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M. CYLINDRICAL DOOR LOCKSET; **CONCESSION**: SARGENT 10-LINE, 10G05, ANSI F81, ENTRY/OFFICE FUNCTION (DEADLOCKING LATCH, LATCH BY EITHER LEVER UNLESS OUTSIDE LEVER IS LOCKED BY PUSH/TURN BUTTON IN INSIDE LEVER, PUSH BUTTON RELEASED BY KEY OUTSIDE OR LEVER INSIDE, TURN BUTTON MUST BE RELEASED MANUALLY, KEY RETRACTS LATCH WHEN OUTSIDE LEVER IS LOCKED); ANSI/BHMA CODE: A156.2, SERIES 4000, GRADE 1; ADA LEVER HANDLE ‘B’; ROSE CONFIG ‘L’ (CONFIRM ROSE DIAMETER WITH FULL LIGHT DOOR STILE WIDTH); SATIN CHROME US 26D/626 FINISH)

N. CYLINDRICAL DOOR LOCKSET; **STORAGE, FILTER/SINGLE DOOR**: SARGENT 10-LINE, 10G04, ANSI F86, STORAGE FUNCTION (DEADLOCKING LATCH, LATCH BY LEVER INSIDER OR KEY OUTSIDE, OUTSIDE LEVER RIGID AT ALL TIMES); ANSI/BHMA CODE: A156.2, SERIES 4000, GRADE 1; ADA LEVER HANDLE ‘B’; ROSE CONFIG ‘L’

O. CYLINDRICAL DOOR LOCKSET; **STORAGE/DOUBLE DOOR**: SARGENT 10-LINE, 10G04, ANSI F86, STORAGE FUNCTION (DEADLOCKING LATCH, LATCH BY LEVER INSIDER OR KEY OUTSIDE, OUTSIDE LEVER RIGID AT ALL TIMES); ANSI/BHMA CODE: A156.2, SERIES 4000, GRADE 1; ADA LEVER HANDLE ‘B’; ROSE CONFIG ‘L’. NOTE THAT THIS IS FOR USE IN DOUBLE STORAGE DOORS ON ACTIVE LEAF. INACTIVE LEAF: SARGENT 10-LINE, 10U94-2, DOUBLE LEVER PULL, LEVER AND ROSE BOTH SIDES JOINED BY THRU-BOLTS, STD DOOR PREP W/ DUMMY LATCH PLATE

P. **PANIC BAR AT SOUTH EGRESS GATE**: THIS IS A SUBMITTAL ITEM FOR BOTH THE GATE AND THE PANIC BAR/SHIELD KIT. B.O.D. IS LOCKEY USA AND MAY BE AN APPROVED EQUAL, SUBJECT TO SUBSITUTION REQUIREMENTS. NOTE THAT THE GATE LEAF IS 48” WIDE. PANIC BAR AND SAFETY SHIELD KIT SHALL BE LOCKEY USA #ED-52B EDGE PANIC SHIELD SAFETY KIT WITH DETEX V-40, ANSI/BHMA CERTIFIED GRADE 1 COMPLIANT PANIC BAR WITH OUTSIDE KEY FUNCTION. EDGE STYLE PANIC SHIELD, EDGE STYLE STRIKE BRACKET, KEYED CYLINDER (SCHLAGE KEYWAY), EDGE STYLE KEYED CYLINDER GATE BOX, EDGE STYLE LATCH PROTECTOR, JAMB STOP. UPGRADE BAR TO V40xEBxWX48 FOR 42” WEATHERIZED BAR, BLACK FINISH (IF AVAILABLE), WITH MAX GUARD TAMPER OPTION PLATE LOCATED APPROX. 5-6+ ABOVE PANIC BAR. THE FUNCTION OF THIS PANIC BAR IS ALWAYS LOCKED FROM THE EXTERIOR AND LATCHED FROM THE INTERIOR WITH UNLATCHING UPON DEPRESSING INSIDE PANIC BAR FACE. CYLINDER DOGGING MAY BE PROVIDED BUT IS NOT REQUIRED. THIS GATE WILL BE USED ONL;Y FOR EMERGENCY EGRESS AND IS NOT INTENDED FOR ROUTINE ACCESS.

Q. WEATHER STRIPPING: PEMKO OR APPROVED EQUAL; PEMKO 29310CV, GREY OR BLACK.

R. INDIVIDUAL DOOR THRESHOLD SILL IF NOT OTHERWISE PROVIDED AS PART OF FRAME PACKAGE; B.O.D. IS PEMKO. **PLEASE NOTE THE FOLLOWING REGARDING DESIGN INTENT AND SILL SPEC:** THE INTENTION IS TO USE A HALF-SADDLE PROFILE WHERE THE FINISH EPOXY FLOORING IS NOT CONTINUOUS ON BOTH SIDES OF THE DOOR, SO THAT THE SQUARE EDGE OF THE SILL ACTS AS A STOP FOR THE FLOORING MATERIAL. HOWEVER, ON DOORS WHERE THE EPOXY FLOORING IS CONTINUOUS ON BOTH SIDES, SILL PROFILE IS DEPENDENT ON CONSTRUCTION SEQUENCE AND WHEN THE FLOOR IS INSTALLED IN RELATION TO THE DOOR SILLS. IF THE DOOR SILLS ARE FIT AFTER THE FRAMES ARE SET AND DOORS INSTALLED, A STANDARD SADDLE PROFILE CAN BE USED SINCE IT WILL BRIDGE OVER THE FINISH FLOORING. HOWEVER, IF THE SILLS ARE SET BEFORE FLOORING INSTALLATION, A DIFFERENT SILL PROFILE WILL BE NEEDED WHERE THE EPOXY FLOOR OCCURS ON BOTH SIDES OF THE SILL, IN ORDER TO PROVIDE A STOP FOR THE EPOXY MATERIAL ON BOTH SIDES AND SO THAT THE EPOXY COATING DOES NOT BURY/LAP UNTO THE SILL. THIS SILL PROFILE WOULD BE SIMILAR TO PEMKO #2755 HALF-SADDLE JOINER. THIS SITUATION MUST BE REVIEWED AND DECIDED PRIOR TO FLOORING INSTALLATION AND SILL/HARDWARE SUBMITTAL AND ORDERING TO ENSURE THAT THE CORRECT SILL IS USED. THEREFORE, THE SPECS BELOW ARE GUIIDELINES AND ARE NOT FINAL AND MUST BE CONFIRMED BY THE GC.
   a. DOOR SILLS WHERE THERE IS NO CHANGE IN SLAB HEIGHT AND FLOOR FINISH IS CONSISTENT: PEMKO ½” MAX HEIGHT SADDLE THRESHOLD, SIMILAR TO #171/172, OF APPROPRIATE LENGTH TO MATE WITH JAMB; MILL FINISH ALUMINUM; BHMA CERTIFIED.
   b. DOOR SILLS WHERE THERE IS CHANGE IN SLAB HEIGHT AND FLOOR FINISH IS NOT CONSISTENT THROUGH OR WHERE FLOOR FINISH STOPS AT AN EXTERIOR/INTERIOR DOOR: PEMKO 1/4” MAX HEIGHT HALF-SADDLE THRESHOLD, SIMILAR TO #275/2746 OF APPROPRIATE LENGTH TO MATE WITH JAMB; MILL FINISH ALUMINUM; BHMA CERTIFIED. NOTE THAT HALF SADDLE IS INTENDED TO ACT AS A STOP TO THE INTERIOR 1/8-3/16” THICK EPOXY FLOORING SPECIFIED; THE SILL MIUST BE A MAXIMUM ¼” HIGH TO MEET

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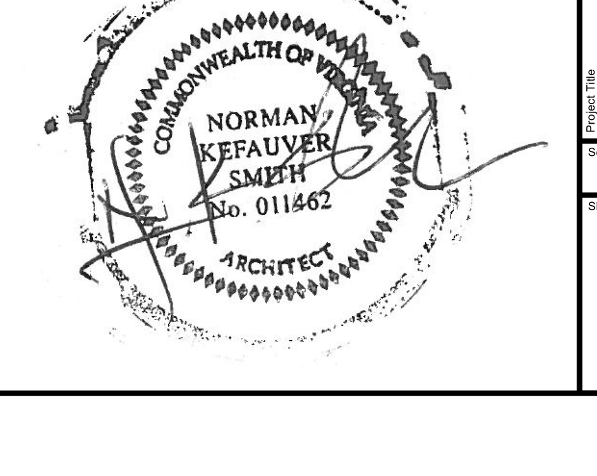
ANSI A117 SILL HEIGHT REQUIREMNTS BECAUSE THERE IS A MAX. ¼” ELEVATION CHANGE BETWEEN INDOOR AND OUTDOOR SLAB

S. INDIVIDUAL DOOR SILL SWEEP IF NOT OTHERWISE PROVIDED; PEMKO 307AV MILL FINISH ALUMINIM WITH GREY INSERT

T. DOOR SILENCERS: SIMILAR TO IVES SR64/65, GREY.

U. THESHOLD TRANSITIONS, WHERE FIELD REQUIRED OR REQUIRED BY REVISIONS TO PROJECT FLOORING MATERIALS; NOTE THAT THESE CONDITIONS ARE NOT CALLED OUT ON THE DOOR SCHEDULE AND ARE PROVIDED FOR INFORMATION ONLY:
   a. STANDARD THRESHOLD FOR FIN FLOOR MATL TRANSITIONS: MD BUILDING PRODUCTS THRESHOLD AFF 212 MF 36″ D#0402, ALUMINUM FINISH, OR SIMILAR
   b. FOR LARGER TRANSITIONS; MD BUILDING PRODUCTS 4″ HEAVY DUTY FLUTED TOP COMMERCIAL THRESHOLD – 1/2″ X 4″″ – 72″, ALUMINUM FINISH, OR SIMILAR
   c. TILE TO CARPET/VCT; MD BUILDING PRODUCTS, TILE TO CARPET EDGING, ALUMINUM FINISH, OR SIMILAR
   d. TILE TO VCT; MD BUILDING PRODUCTS, TILE EDGE REDUCER, ALUMINUM FINISH, OR SIMILAR



Appr	Zone	Revision Notes	Date	No.

No.	Date	Issue Notes
1	1/3/2024	RELEASE FOR BID
	12/7/2023	PERMIT SUBMISSION

Date: 12/6/2023
Revision: Revision
Project ID: 23703;culpeper
Drawing Code: Drawing Code
CAD File Name:
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Drawn By:
Checked By:
Reviewed By:
Submitted By:
Project Manager:

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Consultant

Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
DOOR AND FINISH SCHEDS

Scale

Sheet No.
A900
of

23703-WINDOW SCHEDULE

ABBREVIATIONS: WD = WOOD, PG = PAINT-GRADE, STAIN-GRADE = SG, PRFN= FACTORY PRE-FINISHED,FJ = FINGER-JOINTED, HM = HOLLOW METAL, SC = SOLID-CORE, HC = HOLLOW-CORE, PB = PARTICLE BOARD, MC= MINERAL CORE; WV = WOOD VENEER, O = OPERABLE, S= STATIONARY, CSMT = CASEMENT, AWN = AWNING, FX = FIXED, CSMT/FX MT FX=CASEMENT OVER FIXED MULLED TO FIXED, FX MT CSMT=FIXED MULLED TO CASEMENT, FX/FX=FIXED OVER FIXED, FX/CSMT/AW=FIXED OVER CASEMENT OVER AWNING, MT=MULLED TO, WOCD=WINDOW OPENING CONTROL DEVICE

GENERAL NOTES:

1. EXTERIOR FINISH SHALL BE DURACAST FIBERGLASS COMPOSITE SURFACES WITH POWDER-COAT PAINT FINISH; BLACK
2. INTERIOR FINISH SHALL BE DURACAST FIBERGLASS COMPOSITE SURFACES WITH POWDER-COAT PAINT FINISH; BLACK
3. GLAZING SHALL BE 11/16" INSUL. DUAL PANE W/ ARGON, LOW E, TEMPERED AS NOTED AND WHERE REQUIRED BY CODE FOR HAZARDOUS LOCATIONS
4. EXTERIOR CAP/MULL TRIM, WHERE REQUIRED ON MULTI UNIT CONFIGURATIONS SHALL BE MANUFACTTURER PROVIDED, MATCHING THE MATERIAL FINSIH AND COLOR OF THE UNITS
5. INTERIOR TRIM: SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS
6. OPERATING HARDWARE SHALL BE PELLA EASY SLIDE OPERATOR, BLACK FINISH. OPERATING HARDWARE IS NOT REQUIRED ON ANY STATIONARY/FIXED UNITS
7. SCREENS SHALL BE PROVIDED AND SHALL BE PELLA IN-VIEW VINYL-COATED 18/18 MESH FIBERGLASS SCREEN CLOTH COMPLYING WITH SMA 1201, SET IN ALUMINUM FRAME FITTED TO INSIDE OF WINDOW, SUPPLIED COMPLETE WITH ALL NECESSARY HARDWARE. SCREEN FRAME SHALL BE BLACK
8. UNITS SHALL HAVE INTEGRAL NAILING FIN FOR INSTALLATION
9. PELLA IMPERVIA FIBERGLASS LINE IS THE BASIS OF DESIGN(BOD). SUBSTITUTIONS WILL BE CONSIDERED SUBJECT TO THE SUBSTITUTION/SUBMITTAL REQUIREMENTS OF THE SPEC DIVISION 0 AND DIVISION 1 GENERAL CONDITIONS. IF A SUBSTITUTION IS PROPOSED, IT SHALL BE FIBERGLASS OR SIMILAR MATERIAL THAT IS ACCCEDPTABLE IN A HUMID ENVIRONMENT; WOOD WINDOWS WILL NOT BE ACCEPTED.
10. WINDOWS REQUIRE A SHOP DRAWING/SUBMITTAL IN CONFORMANCE WITH THE SUBMITTAL REQUIREMENTS OF THE SPEC DIVISION 0 AND DIVISION 1 GENERAL CONDITIONS
11. UNIT SIZES ARE GIVEN AS OTO FRAME AND DO NOT INCLUDER.O. DIMENSIONAL REQUIREMENTS

U-VALUE AND OTHER REQUIREMENTS:
COMMERCIAL BUILDINGS IN VA CLIMATE ZONE 4A - OPAQUE DOORS [DOORS HAVING < 50% GLASS AREA] (2018 VA ECC TABLE C402.1.3 & .4): SWINGING = U-0.61; NON-SWINGING = R-4.75; VERT. FENESTRATION (2018 VA ECC TABLE C402.4): FIXED = U-0.38; OPERABLE = U-0.45; ENTRANCE DOORS = U-0.77; SHGC: 0.36

FIRST/GROUND LEVEL

MK	LCN	QTY	TYPE	MANUF	MDL/#	CON FIG	EXT FIN	INT FIN	GLAZE	OTO FRAM DIM W	OTO FRAM DIM H	ATTACHM TYPE	FRAME DEPTH	EXT TRIM	INT TRIM	EGRESS CODE REQ	FIRE RATG	DR UNIT INCL	H/W & FIN	SCREEN & FIN	NOTES
01	ENTRY		AWN	PELLA IMPERVIA OR APPRVD EQ.	2-6/3-0	1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2	SEE GEN NOTE 3; TEMP	29.5	35.5	INTEGRAL NAILING FIN; NOTE 8	3 .25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	TEMPERED GLAZING DUE TO PUBLIC EXPOSURE AT VERANDA AND SILL HEIGHT TO RECEPTION CTOP
02	P&R OFC		AWN MULLED TO AWN	PELLA IMPERVIA OR APPRVD EQ.	2X 3-0/4-0	2WX1H	SEE GEN NOTE 1	SEE GEN NOTE 2	SEE GEN NOTE 3; TEMP	71	47.5	INTEGRAL NAILING FIN; NOTE 8	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	AWNING UNITS SHALLBE VENTED/OPERABLE BUT NOTE THAT VENTS MAY NOT OPEN FURTHER THAN APPROX 4" TO PREVENT ENCROACHMENT INTO WALK PATH. TEMPERED GLAZING DUE TO PUBLIC EXPOSURE AT VERANDA
03	CLASSRM		AWN	PELLA IMPERVIA OR APPRVD EQ.	3-0/4-0	1WX1H	SEE GEN NOTE 1	SEE GEN NOTE 2	SEE GEN NOTE 3; TEMP	35.5	47.5	INTEGRAL NAILING FIN; NOTE 8	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	TEMPERED GLAZING DUE TO PUBLIC EXPOSURE AT VERANDA AND PROXIMITY TO DOOR
04	CLASSRM		AWN	PELLA IMPERVIA OR APPRVD EQ.	3-0/4-0	1WX1H	SEE GEN NOTE 1	SEE GEN NOTE 2	SEE GEN NOTE 3; TEMP	35.5	47.5	INTEGRAL NAILING FIN; NOTE 8	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	TEMPERED GLAZING DUE TO PUBLIC EXPOSURE AT VERANDA AND PROXIMITY TO DOOR
05	CONCESSN		SLIDER	READY ACCESS OR APPRVD EQ	#600 ENERGY SAVER, SNGL PANEL SLIDER	1WX1H	DARK BRONZE	DARK BRONZE	SOLARBAN 70XL INSUL, LO-E, ¾" DUAL PANE	47.5	43.5	PRE-DRILLED HOLES W/MNT STRAPS	4.5	NA	NA	NOT REQ.	N/A	NO	NA	NA	ANODIZED ALUMINUM, MANUAL OPEN, SELF-CLOSING, NON-ELECTRIC, TRACK-FREE BOTTOM SILL, NO AIR CURTAIN. RETURN FRP TO FRAME AND SEAL OR TRIM AS OTHERWISE NOTED IN DRAWINGS. SEE INTERIOR ELEVATIONS FOR HEIGHT. WITH STAINLESS STEEL SHELF # 275, 47.5"X10"
06	CONCESSN		SLIDER	READY ACCESS OR APPRVD EQ	#600 ENERGY SAVER, SNGL PANEL SLIDER	1WX1H	DARK BRONZE	DARK BRONZE	SOLARBAN 70XL INSUL, LO-E, ¾" DUAL PANE	47.5	43.5	PRE-DRILLED HOLES W/MNT STRAPS	4.5	NA	NA	NOT REQ.	N/A	NO	NA	NA	ANODIZED ALUMINUM, MANUAL OPEN, SELF-CLOSING, NON-ELECTRIC, TRACK-FREE BOTTOM SILL, NO AIR CURTAIN. RETURN FRP TO FRAME AND SEAL OR TRIM AS OTHERWISE NOTED IN DRAWINGS. SEE ELEVATIONS/DETAILS FOR HEIGHT. WITH STAINLESS STEEL SHELF # 275, 47.5"X10"

MID LEVEL

MK	LCN	QTY	TYPE	MANUF	MDL/#	CON FIG	EXT FIN	INT FIN	GLAZE	OTO FRAM DIM W	OTO FRAM DIM H	ATTACHM TYPE	FRAME DEPTH	EXT TRIM	INT TRIM	EGRESS CODE REQ	FIRE RATG	DR UNIT INCLUDED	H/W & FIN	SCREEN & FIN	NOTES
07	W LOCKER ROOM		AWN MULLED TO AWN MULLED TO AWN	PELLA IMPERVIA OR APPRVD EQ.	3X 3-0/1-6	3W1H	SEE GEN NOTE 1	SEE GEN NOTE 2	SEE GEN NOTE 3	106.5	17.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	UNIT DIMENSION IS BASED ON 3 UNIT MULLED W/O ADDNL MULL MEMBER; THIS SHALL BE CONFIRMED DURING SUBMITTAL PROCESS AND PRIOR TO FRAMING. COORDINATE NEED FOR NAILING FINS AT H/S/J FOR MIDDLE UNIT
08	W LOCKER ROOM		AWN MULLED TO AWN MULLED TO AWN	PELLA IMPERVIA OR APPRVD EQ.	3X 3-0/1-6	3W1H	SEE GEN NOTE 1	SEE GEN NOTE 2	SEE GEN NOTE 3	106.5	17.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	UNIT DIMENSION IS BASED ON 3 UNIT MULLED W/O ADDNL MULL MEMBER; THIS SHALL BE CONFIRMED DURING SUBMITTAL PROCESS AND PRIOR TO FRAMING. COORDINATE NEED FOR NAILING FINS AT H/S/J FOR MIDDLE UNIT
09	M LOCKER ROOM		AWN MULLED TO AWN MULLED TO AWN	PELLA IMPERVIA OR APPRVD EQ.	3X 3-0/1-6	3W1H	SEE GEN NOTE 1	SEE GEN NOTE 2	SEE GEN NOTE 3	106.5	17.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	UNIT DIMENSION IS BASED ON 3 UNIT MULLED W/O ADDNL MULL MEMBER; THIS SHALL BE CONFIRMED DURING SUBMITTAL PROCESS AND PRIOR TO FRAMING. COORDINATE NEED FOR NAILING FINS AT H/S/J FOR MIDDLE UNIT
10	M LOCKER ROOM		AWN MULLED TO AWN MULLED TO AWN	PELLA IMPERVIA OR APPRVD EQ.	3X 3-0/1-6	3W1H	SEE GEN NOTE 1	SEE GEN NOTE 2	SEE GEN NOTE 3	106.5	17.5	3.25	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	UNIT DIMENSION IS BASED ON 3 UNIT MULLED W/O ADDNL MULL MEMBER; THIS SHALL BE CONFIRMED DURING SUBMITTAL PROCESS AND PRIOR TO FRAMING. COORDINATE NEED FOR NAILING FINS AT H/S/J FOR MIDDLE UNIT
11	FAMILY CHANGE 1		AWN	PELLA IMPERVIA OR APPRVD EQ.	3-0/1-6	1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2	SEE GEN NOTE 3	35.5	17.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
12	FAMILY CHANGE 2		AWN	PELLA IMPERVIA OR APPRVD EQ.	3-0/1-6	1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2	SEE GEN NOTE 3	35.5	17.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
13	OPEN OFC		AWNING MULLED TO AWNING	PELLA IMPERVIA OR APPRVD EQ.	2X 3-0/1-6	2W1H	SEE GEN NOTE 1	SEE GEN NOTE 2	SEE GEN NOTE 3	71	17.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
14	CLASSRM		AWNING MULLED TO AWNING MULLED TO AWNING	PELLA IMPERVIA OR APPRVD EQ.	3X 3-0/1-6	3W1H	SEE GEN NOTE 1	SEE GEN NOTE 2	SEE GEN NOTE 3	106.5	17.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	

UPPER LEVEL

MK	LCN	QTY	TYPE	MANUF	MDL/#	CON FIG	EXT FIN	INT FIN	GLAZE	OTO FRAM DIM W	OTO FRAM DIM H	ATTACHM TYPE	FRAME DEPTH	EXT TRIM	INT TRIM	EGRESS CODE REQ	FIRE RATG	DR UNIT INCLUDED	H/W & FIN	SCREEN & FIN	NOTES
15	ENTRY		AWN	PELLA IMPERVIA OR APPRVD EQ.		1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2		47.5	29.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
16	ENTRY		AWN	PELLA IMPERVIA OR APPRVD EQ.		1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2		47.5	29.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
17	ENTRY		AWN	PELLA IMPERVIA OR APPRVD EQ.		1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2		47.5	29.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
18	ENTRY		AWN	PELLA IMPERVIA OR APPRVD EQ.		1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2		47.5	29.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
19	ENTRY		AWN	PELLA IMPERVIA OR APPRVD EQ.		1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2		47.5	29.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
20	ENTRY		AWN	PELLA IMPERVIA OR APPRVD EQ.		1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2		47.5	29.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
21	ENTRY		AWN	PELLA IMPERVIA OR APPRVD EQ.		1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2		47.5	29.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
22	ENTRY		AWN	PELLA IMPERVIA OR APPRVD EQ.		1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2		47.5	29.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
23	ENTRY		AWN	PELLA IMPERVIA OR APPRVD EQ.		1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2		47.5	29.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
24	ENTRY		AWN	PELLA IMPERVIA OR APPRVD EQ.		1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2		47.5	29.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
25	ENTRY		AWN	PELLA IMPERVIA OR APPRVD EQ.		1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2		47.5	29.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	
26	ENTRY		AWN	PELLA IMPERVIA OR APPRVD EQ.		1W1H	SEE GEN NOTE 1	SEE GEN NOTE 2		47.5	29.5	INTEGRAL NAILING FIN	3.25	SEE GEN NOTE 4	SEE GEN NOTE 5	NOT REQ.	N/A	NO	SEE GEN NOTE 6	SEE GEN NOTE 7	

No.	Date	Revision	Initials
1	12/7/2023	PERMIT SUBMISSION	
	1/3/2024	RELEASE FOR BID	

Issue Notes

Revision Notes

Project No. 23703-culpeper
Drawing Date Drawing Code
Last Plot Date
Per Date 00/00/00

Prepared By
Drawn By
Reviewed By
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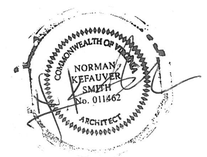
Sheet Title: WINDOW SCHEDULE

Scale

Sheet No.
A910
of



23703-finish sched-REBID-032924

FINISH SCHEDULE

ABBREVIATIONS: MDF = MDF, PG = PAINT-GRADE, STAIN-GRADE = SG, PRFN= FACTORY PRE-FINISHED, FJ = FINGER-JOINTED, HM = HOLLOW METAL, SC = SOLID-CORE, HC = HOLLOW-CORE, PB = PARTICLE BOARD, MC= MINERAL CORE; WV = MDF VENEER, O = OPERABLE, S= STATIONARY, PNL = PANEL, GPDW=GYPSUM DRYWALL

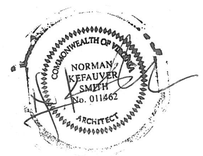
NOTES: STRIKE-THRU NOTES ARE PREVIOUS SPEC FOR REFERENCE- ITALIC IS REPLACMENT SPEC FOR REBID

MK	ROOM NAME	FLOOR	BASE		W'SCOT		TRIM/OTHER		WALLS								CEILING		REMARKS
									NORTH		EAST		SOUTH		WEST				
		MAT'L	MAT'L	FINISH	MAT'L	FINISH	MAT'L	FINISH	MAT'L	FINISH	MAT'L	FINISH	MAT'L	FINISH	MAT'L	FINISH	MAT'L	FINISH	
100	ENTRY	SCF-1	WB-1; SEE DETAILS	PTD-6; COLOR TBS	N/A		JH FC 1X; SEE ELEVATIONS AND DETAILS		WC-1	PTD-6; COLOR TBS	WC-1	PTD-6; COLOR TBS	WC-1	PTD-6; COLOR TBS	WC-1	PTD-6; COLOR TBS	CF-1	AS NOTED	SEE RCP FOR PANEL ORIENTATION SEE PRODUCT SCHEDULE MARKS AND INTERIOR ELEVATIONS AND SECTIONS FOR ADDNL INFORMATION RECEPTION SIDE (INTERIOR) CMU FACE OF RECEPTION COUNTERTOP SUPPORT WALLS SHALL USE MARK PTD-6; PUBLIC, PARGED WALL CMU SIDE SHALL USE MARK SCF-1
101	FACILITIES STORAGE	SCF-1	WB-1; SEE DETAILS	PTD-6; COLOR TBS	N/A		N/A		EXTR: WC-1 INTR: WC-2	PTD-6; COLOR TBS INTER; PTD-5	EXTR: WC-1 INTR: WC-2	PTD-6; COLOR TBS INTER; PTD-5	EXTR: NO WALL INTR: WC-2	NA	EXTR: WC-1 INTR: WC-2	PTD-6; COLOR TBS INTER; PTD-5	CF-2	AS NOTED	EXPOSED FACE OF FACILITIES STORAGE IN ENTRY SPACE IS WC-1. INTERIOR WALLS ARE WC-2 SEE CF-3 MARK AND PLAN FOR TOP COATING OF CEILING FRAMING
102	WOMEN'S LOCKER RM	EF-2	EFB-2	SEE PRODUCT SCHED	N/A		~~T-3 AT GPDW OUTSIDE CRNRS~~ *TR-3 AT GPDW OUTSIDE CRNRS*	SS	GPDW-3 *GPDW-3 AT LOCKER WALL*	PTD-1	~~GPDW-3 AT LOCKER WALLS~~ *GPDW-3 PERP TO LOCKER WALL* ~~T-1 ON GPDW-4 AT ALL INTERIOR SHOWER AND CHANGING WALLS~~ *FRP-1 ON GPDW-4 AT ALL INTERIOR SHOWER AND CHANGING WALLS AND CLG*	PTD-1 NA *NA*	~~GPDW-3 AT JAN CLST NORTH/DOOR WALL~~ ~~T-1 ON GPDW-4~~ ~~TILE RETURNS AT H/S/J AT EAST WINDOWS WITH ALUM TILE TRIM~~ *GPDW-3 AT JAN CLST NORTH/DOOR WALL AND LAV WALL*	PTD-1 NA *NA*	GPDW-3 ~~T-1 ON GPDW-4 ON JAN CLST EAST/LAV WALL~~ *GPDW-3 AT DEMISING WALL/M LOCKER ROOM, BOTH SIDES OF SCREEN WALL AT ENTRY; WTR SERV CLST/LAV WALL*	PTD-1 NA *NA*	ACT-1, ~~T-2~~ *FRP-1 ON GPDW-4 AT INTERIOR SHOWER AND CHANGING SPACE*	NA *NA*	~~T-2 TILE CEILING ON GPDW-4 ON 2X FLAT-STUD FRAMING ONLY OVER SHOWER~~ ~~T-1 ON GPDW-4 AT EXPOSED EDGE OF 2X4 FIN WALL AND ON WEST SIDE OF SAME WALL FACING BENCH~~ ~~T-1 ON GPDW-4 ON WALLS ABOVE PRE-FAB SHOWER~~ ~~T-3 WALL CRNR TRIM AT ENTRY WALL CORNERS~~ *FRP-1 ON GPDW-4 ON WALLS ABOVE PRE-FAB SHOWER* *FRP-1 CEILING ON GPDW-4 ON 2X FLAT-STUD FRAMING ONLY OVER SHOWER* *TR-3 WALL CRNR TRIM AT ENTRY WALL CORNERS* GA LEVEL 4 MINIMUM GPDW FINISH. PROVIDE GA LEVEL 4-5 FINISH ON ANY PAINTED WALL SECTIONS THAT ARE GREATER THAN 36" IN LENGTH. SUBMITTAL: PROVIDE PRE-PAINT/PRIME WALL FINISH MOCKUP FOR SEMI-GLOSS SHEEN PAINTED SURFACES.
103	JANITOR CLST	EF-2	EFB-2	SEE PRODUCT SCHED	N/A		N/A		GPDW-3	PTD-1	GPDW-3	PTD-1	GPDW-3	PTD-1	GPDW-3	PTD-1	ACT-1	NA	
104	MEN'S LOCKER ROOM	EF-2	EFB-2	SEE PRODUCT SCHED	N/A		~~T-3 AT GPDW OUTSIDE CRNRS~~ *TR-3 AT GPDW OUTSIDE CRNRS*	SS	GPDW-3 *GPDW-3 AT LOCKER WALL*	PTD-1	~~GPDW-3~~ ~~T-1 ON GPDW-4 ON JAN CLST WEST/LAV WALL~~ *GPDW-3 AT DEMISING WALL/W LOCKER ROOM, BOTH SIDES OF SCREEN WALL AT ENTRY; WTR SERV CLST/LAV WALL*	PTD-1 NA *NA*	GPDW-3 AT WTR SERV CLST NORTH/DOOR WALL AND LAV WALL ~~T-1 ON GPDW-4~~ ~~TILE RETURNS AT H/S/J AT EAST WINDOWS WITH ALUM TILE TRIM~~	PTD-1 NA NA	~~GPDW-3 AT LOCKER WALLS~~ *GPDW-3 PERP TO LOCKER WALL* ~~T-1 ON GPDW-4 AT ALL INTERIOR SHOWER AND CHANGING WALLS~~ *FRP-1 ON GPDW-4 AT ALL INTERIOR SHOWER AND CHANGING WALLS*	PTD-1 NA	ACT-1, ~~T-2~~ *FRP-1 ON GPDW-4 AT INTERIOR SHOWER AND CHANGING SPACE*	NA *NA*	~~T-2 TILE CEILING ON GPDW-4 ON 2X FLAT-STUD FRAMING ONLY OVER SHOWER~~ ~~T-1 ON GPDW-4 AT EXPOSED EDGE OF 2X4 FIN WALL AND ON EAST SIDE OF SAME WALL FACING BENCH~~ ~~T-1 ON GPDW-4 ON WALLS ABOVE PRE-FAB SHOWER~~ ~~T-3 WALL CRNR TRIM AT ENTRY WALL CORNERS~~ *FRP-1 ON GPDW-4 ON WALLS ABOVE PRE-FAB SHOWER* *FRP-1 CEILING ON GPDW-4 ON 2X FLAT-STUD FRAMING ONLY OVER SHOWER* *TR-3 WALL CRNR TRIM AT FIN WALL CORNERS* GA LEVEL 4 MINIMUM GPDW FINISH. PROVIDE GA LEVEL 4-5 FINISH ON ANY PAINTED WALL SECTIONS THAT ARE GREATER THAN 36" IN LENGTH. SUBMITTAL: PROVIDE PRE-PAINT/PRIME WALL FINISH MOCKUP FOR SEMI-GLOSS SHEEN PAINTED SURFACES.
105	WATER SERVICE CLST	EF-2	EFB-2	SEE PRODUCT SCHED	N/A		N/A		GPDW-3	PTD-1	GPDW-3	PTD-1	GPDW-3	PTD-1	GPDW-3	PTD-1	ACT-1	NA	
106	FAMILY CHG RM-1	EF-2	EFB-2	SEE PRODUCT SCHED	N/A		N/A	CTOP-3	GPDW-3	PTD-1	GPDW-3	PTD-1	~~T-1 ON GPDW-4~~ *GPDW-3 AT LAV* *FRP-1 ON GPDW-4 AT ALL INTERIOR SHOWER WALLS*	~~NA~~ *PTD-1*	GPDW-3 BEHIND WC ~~T-1 ON GPDW-4 AT ALL INTERIOR SHOWER WALLS~~ *FRP-1 ON GPDW-4 AT ALL INTERIOR SHOWER WALLS*	PTD-1 NA	ACT-1, ~~T-2~~ *FRP-1 ON GPDW-4 AT INTERIOR SHOWER SPACE*	NA	~~T-2 TILE CEILING ON GPDW-4 ON 2X FLAT-STUD FRAMING ONLY OVER SHOWER~~ ~~T-1 ON GPDW-4 AT EXPOSED EDGE OF 2X4 FIN WALL~~ ~~T-1 ON GPDW-4 ON WALLS ABOVE PRE-FAB SHOWER~~ *FRP-1 ON GPDW-4 ON WALLS ABOVE PRE-FAB SHOWER* *FRP-1 CEILING ON GPDW-4 ON 2X FLAT-STUD FRAMING ONLY OVER SHOWER* *TR-3 ON GPDW-3 AT EXPOSED EDGE OF 2X4 FIN WALL* *FRP-1 ON GPDW-4 ON WALLS ABOVE PRE-FAB SHOWER* GA LEVEL 4 MINIMUM GPDW FINISH. PROVIDE GA LEVEL 4-5 FINISH ON ANY PAINTED WALL SECTIONS THAT ARE GREATER THAN 36" IN LENGTH. SUBMITTAL: PROVIDE PRE-PAINT/PRIME WALL FINISH MOCKUP FOR SEMI-GLOSS SHEEN PAINTED SURFACES.

23703-finish sched-REBID-032924

107	FAMILY CHG RM-2	EF-2	EFB-2	SEE PRODUCT SCHED	N/A			CTOP-3	GPDW-3	PTD-1	GPDW-3 BEHIND WC ~~T-1 ON GPDW-4~~ AT ALL INTERIOR SHOWER WALLS *FRP-1 ON GPDW-4 AT ALL INTERIOR SHOWER WALLS*	PTD-1 NA	~~T-1 ON GPDW-4~~ *GPDW-3 AT LAV* *FRP-1 ON GPDW-4 AT ALL INTERIOR SHOWER WALLS*	NA	GPDW-3	PTD-1	ACT-1, ~~T-2~~ *FRP-1 ON GPDW-4 AT EXPOSED EDGE OF 2X4 FIN WALL*	NA	~~T-2 TILE CEILING ON GPDW-4 ON 2X FLAT-STUD FRAMING ONLY OVER SHOWER~~ ~~T-1 ON GPDW-4 AT EXPOSED EDGE OF 2X4 FIN WALL AND ON WEST SIDE OF SAME WALL FACING BENCH~~ ~~T-1 ON GPDW-4 ON WALLS ABOVE PRE-FAB SHOWER~~ *FRP-1 CEILING ON GPDW-4 ON 2X FLAT-STUD FRAMING ONLY OVER SHOWER* *TR-3 ON GPDW-3 AT EXPOSED EDGE OF 2X4 FIN WALL* *FRP-1 ON GPDW-4 ON WALLS ABOVE PRE-FAB SHOWER* GA LEVEL 4 MINIMUM GPDW FINISH. PROVIDE GA LEVEL 4-5 FINISH ON ANY PAINTED WALL SECTIONS THAT ARE GREATER THAN 36" IN LENGTH. SUBMITTAL: PROVIDE PRE-PAINT/PRIME WALL FINISH MOCKUP FOR SEMI-GLOSS SHEEN PAINTED SURFACES.
108	VERANDA	SCF-1	WB-1; SEE DETAILS	PTD-6; COLOR TBS	N/A			N/A	NA		WC-1; HARDI-SIDING ON PORTION OF WALL AT EAST END	PTD-6; COLOR TBS	WC-1	PTD-6; COLOR TBS	NA		SEE REMARKS	PNT TO MATCH JH GREY SLATE	JH HARDI SOFFIT PANEL, VENTED AND SOLID PER DETAILS
109	RECEPTION	~~EF-3~~ *SCF-1*	~~EFB-3~~ *WB-1; SEE DETAILS*	COLOR TBS	N/A			N/A	CTOP-2	WC-1; HARDI-PANEL W/1X3 BATTENS ALONG WALL BETWEEN 109 AND 110	PTD-6; COLOR TBS	WC-1; HARDI-SIDING AT WALL BETWEEN109 AND 110	PTD-6; COLOR TBS	WC-1; HARDI-PANEL W/1X3 BATTENS ON INSIDE FACES OF PIER/WALL SEGMENTS, HARDI SIDING ON EXPOSED ENTRY SIDE FACES	PTD-6; COLOR TBS	WC-1; HARDI-PANEL W/1X3 BATTENS ON INSIDE FACE OF WALL AT VERANDA/108	PTD-6; COLOR TBS	CF-1	PNT TO MATCH JH GREY SLATE	SEE RCP FOR PANEL ORIENTATION RECEPTION AREA NORTH OF DESK IS DECOQUARTZ WITH EFB-3 BASE. *SCF-1 FLOOR COATING SEALER WITH WB-1 BASE WITH BASE TRIM. EXCEPT AT CMU WALLS; NO BASE AT WALLS* ~~TURN EFB-3 BASE UP WALL AND TRIM TO TOP WITH JH SIDING.~~ ~~TURN EFB-3 COVE BASE 4" UP~~ ~~RECEPTION DESK CMU SUPPORT WALLS~~ *BED BASE TRIM IN SEALANT* RECEPTION WALLS ARE JH SIDING AS NOTED; SEE ELEVATIONS. SOFFIT/BULKHEAD ABOVE RECEPTION IS JH SIDING ON ALL SIDES. THE INSIDE FACES OF THE 109 AREA BORDERED BY 110 AND 112 ARE HARDI-PANEL. THE EAST FACE BETWEEN 109 AND 112 IS HARDI-SIDING; THE SIDING STOPS TO AN INSIDE 1X3 CORNER BOIARD AT THE PIER WALL SEGMENT UNDERNEATH WALLS OF RECEPTION CTOP SHALL BE AS NOTED IN ENLARGED PLAN AND DETAILS. DATA/COM/ELECT TO BE RUN IN CONDUIT ON WALL FACE
110	PARK AND REC OFFICE	~~EF-3~~ *SCF-3*	~~EFB-3~~ *VCB-1*	SEE PRODUCT SCHED	N/A			N/A		GPDW-1	PTD-4	GPDW-1	PTD-4	GPDW-1	PTD-4	GPDW-1	PTD-4	ACT-2	NA	
111	IT CLST	PCF-1 *OR SCF-3*	VCB-1	SEE PRODUCT SCHED	N/A			N/A		GPDW-1	PTD-4	GPDW-1	PTD-4	GPDW-1	PTD-4	GPDW-1	PTD-4	ACT-2	NA	GPDW-1 CEILING IS ACCEPTABLE ALTERNATIVE *PCF-1 ONLY APPLIES IF CONTRACTOR CHOOSES TO USE PAINTED FLOOR IN IT CLST AND CLASSROOM STORAGE CLOSET AS PREVIOUSLY SPECIFIED, IN LIEU OF CURRENTLY SPECIFIED RESUTILE 4410.*
112	OPEN OFFICE	~~EF-3~~ *SCF-3*	~~EFB-3~~ *VCB-1*	SEE PRODUCT SCHED	N/A			N/A		GPDW-1	PTD-4	GPDW-1	PTD-4	GPDW-1	PTD-4	GPDW-1	PTD-4	ACT-2	NA	SEE CF-3 MARK AND PLAN FOR TOP COATING OF CEILING FRAMING
113	JANITOR CLOS	~~EF-3~~ *SCF-3*	~~EFB-3~~ *VCB-1*	SEE PRODUCT SCHED	N/A			N/A		GPDW-2	PTD-5	GPDW-2	PTD-5	GPDW-2	PTD-5	GPDW-2	PTD-5	ACT-2	NA	GPDW-1 CEILING IS ACCEPTABLE ALTERNATIVE
114	STAFF BATH	~~EF-3~~ *SCF-3*	~~EFB-3~~ *VCB-1*	SEE PRODUCT SCHED	N/A			N/A		GPDW-2	PTD-5	GPDW-2	PTD-5	GPDW-2	PTD-5	GPDW-2	PTD-5	ACT-2	NA	
115	CLASSROOM	~~EF-3~~ *SCF-3*	~~EFB-3~~ *VCB-1*	SEE PRODUCT SCHED	TR-1	AS NOTED	TR-2	AS NOTED	GPDW-1	PTD-4	GPDW-1	PTD-4	GPDW-1	PTD-4	GPDW-1	PTD-4	ACT-2	NA	
116	CLASSROOM STRG	PCF-1 *OR SCF-3*	VCB-1	SEE PRODUCT SCHED	N/A			N/A		GPDW-1	PTD-4	GPDW-1	PTD-4	GPDW-1	PTD-4	GPDW-1	PTD-4	ACT-2	NA	*PCF-1 ONLY APPLIES IF CONTRACTOR CHOOSES TO USE PAINTED FLOOR IN IT CLST AND CLASSROOM STORAGE CLOSET AS PREVIOUSLY SPECIFIED, IN LIEU OF CURRENTLY SPECIFIED RESUTILE 4410.*
117	CONCESSION	~~EF-1~~ ~~EF-3~~ *SCF-3*	~~EFB-1~~ ~~EFB-3~~ *VCB-2*	SEE PRODUCT SCHED	N/A			N/A	CTOP-1	FRP-1 OVER GPDW-2 OR WC-2	WHITE	FRP-1 OVER GPDW-2 OR WC-2	WHITE	FRP-1 OVER GPDW-2 OR WC-2	WHITE	FRP-1 OVER GPDW-2 OR WC-2	WHITE	ACT-2	NA	IF GPDW, PROVIDE ONLY GA LEVEL 2 FINISH TO PROVIDE FRP SUBSTRATE AND AIR SEAL SPACE SEE KITCHEN EQUIPMENT AND COMPONENTS SCHEDULE FOR ADDITIONAL INFORMATION
118	CONCESSION STRG	~~EF-1~~ ~~EF-3~~ *SCF-3*	~~EFB-1~~ ~~EFB-3~~ *VCB-2*	SEE PRODUCT SCHED	N/A			N/A		GPDW-1	PTD-5	GPDW-1	PTD-5	GPDW-1	PTD-5	GPDW-1	PTD-5	ACT-2	NA	
119	FILTER ROOM	~~EF-1~~ ~~EF-3~~ *SCF-3*	~~EFB-1~~ ~~EFB-3~~ *VCB-2*	SEE PRODUCT SCHED	N/A			N/A		GPDW-3	PTD-2	GPDW-3	PTD-2	GPDW-3	PTD-2	GPDW-3	PTD-2	GPDW-3	PTD-2	GA LEVEL 3-4 GPDW FINISH
120	VERANDA	SCF-1	WB-1; SEE DETAILS	PTD-6; COLOR TBS	N/A			N/A		WC-1 ON PORTION OF WALL AT NORTH END	PTD-6; COLOR TBS	WC-1	PTD-6; COLOR TBS	NA		NA		SEE REMARKS	PNT TO MATCH JH GREY SLATE	JH HARDI SOFFIT PANEL, VENTED AND SOLID PER DETAILS
121	POOL DECK AND EXTERIOR FLATWORK	SCF-2	NA	SEE PRODUCT SCHED	N/A			N/A		N/A		N/A		N/A		N/A		N/A		SEE POOL DRAWINGS FOR FINISHES WITHIN THE POOL CONSTRUCTION

THIS SHEET CONTAINS REVISONS FOR REBID. IN ORDER TO ALIGN GRAPHICS WITH CHANGES IN THE TEXT-DRIVEN PROJECT MANUAL, REVISIONS ON TEXT WITHIN THE DRAWINGS ARE SHOWN IN STRIKE-THRU AND NEW TEXT IS SHOWN IN ITALICS. INDIVIDUAL TEXT REVISIONS ARE NOT CLOUDED.



No.	Date	Issue Notes
1	3/3/2024 12/7/2023	REBID REVISIONS IN ITALIC RELEASE FOR RID PERMIT SUBMISSION

Date	Revision	Project #	Drawing Code	Plot Date
12/6/2023	Revision	23703-culpeper	Drawing Code	00/00/00

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Sheet Title: FINISH SCHEDULE

Project No.
Scale
Sheet No.
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PRODUCT SCHEDULE FOR FINISH SCHEDULE

NOTES: STRIKE-THRU NOTES ARE PREVIOUS SPEC FOR REFERENCE- ITALIC IS REPLACMENT SPEC FOR REBID

PRODUCT	MK	MANUFACTURER	NAME	COLOR	SIZE	REMARKS
CEIILING FINISH	ACT-1	ACT: ARMSTRONG	BASIS OF DESIGN (BOD) IS: ARMSTRONG 5/8"" CERAMAGUARD, FINE-FISSURED PERFORATED PANELS #607, 24X24, SQUARE LAY-IN WITH BRIGHT-WHITE GRID, WITH NRC = .55, , CAC = 38, WITH LR = .79 WITH HUMIGUARD MAX OR APPROVED EQUAL. FOR USE WITH ARMSTRONG PRELUDE SUSPENSION SYSTEM (15/16" WIDE AND 1 11/16" HIGH)	WHITE	2X2	SUBSTITUTIONS ACCEPTABLE SUBJECT TO COMPLIANCE WITH SUBMITTAL REQUIREMENTS; SUBSTITUTION SHALL BE FOR A SYSTEM OF BOTH TILES AND GRID. CERAMAGUARD SYSTEM IS FOR USE IN AREAS WITH HIGH POTENTIAL HUMIDITY ONLY
CEIILING FINISH	ACT-2	ACT:ARMSTRONG	BASIS OF DESIGN (BOD) IS: ARMSTRONG 3/4" ULTIMA PANELS #1910, 24X24, SQUARE LAY-IN WITH BRIGHT-WHITE GRID, WITH NRC = .75, CAC = 35, LR = .88 WITH HUMIGUARD PLUS OR APPROVED EQUAL. FOR USE WITH ARMSTRONG PRELUDE SUSPENSION SYSTEM (15/16" WIDE AND 1 11/16" HIGH)	WHITE	2X2	SUBSTITUTIONS ACCEPTABLE SUBJECT TO COMPLIANCE WITH SUBMITTAL REQUIREMENTS; SUBSTITUTION SHALL BE FOR A SYSTEM OF BOTH TILES AND GRID
CEIILING FINISH	CF-1	JAMES HARDI	JH HARDI PANEL AND 1X3 BATTEN STRIPS. PANEL MAY BE EITHER HARDIE PANEL OR HARDI-SOFFIT-SMOOTH-NONVENTED	GREY SLATE OR IRON GREY: PRE-COATED BY MANUFTR. TRIM MAY BE MATCHING COLOR OR MIDNIGHT BLACK CHECK AVAILABILITY AND ADVISE PRIOR TO ORDER AND INSTALL	4X8 PANELS WITH BATTENS	SEE RCP FOR PATTERN. IN HIGH ENTRY SPACE, INSTALL OVER 1X3 SCREW-ATTACHED WOOD FURRING RUN AT ANGLES TO TRUSSES TO PROVIDE ATTACHMENT; MAX FURRING SPACING IS 24" OC. MAY BE PRIMED AND FIELD-PAINTED TO MATCH COLOR BM#1603 GRAPHITE GREY AT GC'S OPTION USING PAINT SCHEDULE MATERIALS
CEILING FINISH	CF-2	CONSTRUCTN STD	½" OSB WITH (1) COAT PRIMER	NA		
CEILING FINISH-EXTERIOR	CF-3	FLEX SEAL	FLEX SEAL LIQUID RUBBER SEALANT COATING OR APPROVED EQUAL. BRUSH/POUR ROLL-ON RUBBERIZED COATING INTENDED TO PROVIDE WATERPROOFING OF WOOD/PLYWOOD SUBSTRATES	GREY	NA	THIS FINISH OCCURS ON THE TOP SIDE OF THE CEILING FRAMING AND SHEATHING OF THE FACILITIES STORAGE SPACE AND PORTION OF THE OPEN OFFICE SPACE THAT PROJECT INTO THE TALLER ENTRY SPACE. NOTE THAT THIS COATING IS NOT INTENDED TO CREATE A COMPLETELY WATERPROOF ROOF; IT IS INTENDED TO SEAL THE TOP PLYWOOD/OSB SHEATHING OF THESE SPACES FROM OCCASIONAL WIND-BLOWN RAIN SPRAY SEE PLAN FOR ADDITIONAL INFORMATION ON MATERIAL AND BATTEN STRIPS
~~EPOXY FLOORING~~	~~EF-1~~	~~SHERWIN WILLIAMS~~	~~RESUFLOR DECO FLAKE BC, 20-30 MILS NOMINAL THICKNESS:~~ ~~PRIMER: RESUPRIME 3830/3835 AT 20 MILS.~~ ~~BODY COAT: RESUFLOR UVE AT 200-300 SQ. FT. PER GALLON.~~ ~~BROADCAST: DECORATIVE FLAKES 6750 OR 6755 TO EXCESS AT 100-200 LBS. PER 1,000 SQ. FT.~~ ~~GROUT COAT: RESUFLOR UVE AT 150-200 SQ. FT. PER GALLON.~~ ~~SEAL COAT: ARMORSEAL REXTHANE I MCU AT 400-450 SQ. FT. PER GALLON.~~ ~~SLIP RESISTANCE ADDITIVE: H&C SHARKGRIP SLIP-RESISTANT ADDITIVE~~	~~MODERN CAMO~~	NA	~~FILTER ROOM, CONCESSION AND CONESSION STRG~~ ~~DRAW-DOWN OR EQUAL FIELD SAMPLE SUBMITTAL~~
~~EPOXY FLOORING BASE~~	~~EFB-1~~	~~SHERWIN WILLIAMS~~	~~RESUFLOR DECO FLAKE BC, 20-30 MILS NOMINAL THICKNESS: SAME AS FLOOR~~	~~MODERN CAMO~~	~~6" HIGH COVE BASE PER SW DETAILS~~	~~6" @ FILTER ROOM; 6" @ CONCESSION AND CONCESSION STRG~~
EPOXY FLOORING	EF-2	SHERWIN WILLIAMS	~~RESUFLOR DECO QUARTZ BC23:~~ ~~PRIMER: RESUPRIME 3830/3835, 20 MILS.~~ ~~FIRST BROADCAST COAT WITH DECORATIVE QUARTZ BROADCAST: RESUFLOR 3561 CLEAR, 10-12 MILS.~~ ~~SECOND BROADCAST COAT WITH DECORATIVE QUARTZ BROADCAST: RESUFLOR 3561 CLEAR, 15 MILS.~~ ~~GROUT COAT: RESUFLOR UVE, 15 MILS.~~ ~~TOPCOAT: ARMORSEAL REXTHANE CLEAR 2 MILS. WITH H&C SHARK GRIP 3.2 OZ. PER GALLON.~~ ~~SLIP RESISTANCE ADDITIVE: H&C SHARKGRIP SLIP-RESISTANT ADDITIVE~~ SHERWIN-WILLIAMS HPF, RESUFLOR SHOP FLOOR SB *PRIMER COAT: RESUFLOR MPE, 3-5 MILS.* *BROADCAST COAT WITH SILICA BROADCAST: RESUFLOR MPE, 10 MILS.* *GROUT COAT: RESUFLOR MPE, 15 MILS.* *TOPCOAT: RESUTILE HTS 100, 3 MILS.* *COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.* *USE EITHER 20/40 SAND OR 40/60 SAND FOR SLIP RESISTANCE SUBJECT TO SAMPLE APPROVAL*	~~WINTER SKY~~ *LIGHT GRAY*	NA	LOCKER ROOMS, FAMILY ROOMS *DRAW-DOWN OR EQUAL FIELD SAMPLE SUBMITTAL*
EPOXY FLOORING BASE	EFB-2	SHERWIN WILLIAMS	~~RESUFLOR DECO QUARTZ BC23: SAME AS FLOOR~~ *SHERWIN-WILLIAMS HPF, RESUFLOR SHOP FLOOR SB: SAME AS FLOOR*	~~WINTER SKY~~ *LIGHT GRAY*	*8" HIGH COVE BASE PER SW DETAILS*	*LOCKER ROOMS AND FAMILY ROOMS*
~~EPOXY FLOORING BASE~~	~~EF-3~~	~~SHERWIN WILLIAMS~~	~~RESUFLOR DECO QUARTZ BC23:~~ ~~PRIMER: RESUPRIME 3830/3835, 20 MILS.~~ ~~FIRST BROADCAST COAT WITH DECORATIVE QUARTZ BROADCAST: RESUFLOR 3561 CLEAR, 10-12 MILS.~~ ~~SECOND BROADCAST COAT WITH DECORATIVE QUARTZ BROADCAST: RESUFLOR 3561 CLEAR, 15 MILS.~~ ~~GROUT COAT: RESUFLOR UVE, 15 MILS.~~ ~~TOPCOAT: ARMORSEAL REXTHANE CLEAR 2 MILS. WITH H&C SHARK GRIP 3.2 OZ. PER GALLON.~~ ~~SLIP RESISTANCE ADDITIVE: H&C SHARKGRIP SLIP-RESISTANT ADDITIVE~~	~~WINTER SKY~~	~~NA~~	~~DRAW-DOWN OR EQUAL FIELD SAMPLE SUBMITTAL~~
~~EPOXY FLOORING BASE~~ WALL BASE/VCB	VCB-2	~~SHERWIN WILLIAMS~~ *ROPPE PINNACLE RUBBER BASE, TYPE TS, COVE BASE, 1/8" NOMINAL X 4" IS BOD.* *EQUIVALENT IN THERMOPLASTIC RUBBER ARMSTRONG LINE IS ACCEPTABLE*	~~RESUFLOR DECO QUARTZ BC23: SAME AS FLOOR~~	~~WINTER SKY~~ *#123; CHARCOAL*	*4" HIGH COVE BASE PER SW DETAILS*	~~ALL OTHER SPACES SCHEDULED FOR DECO QUARTZ~~ ALL SPACES SCHEDULED FOR RESUTILE AQUA 4410/4411 SUBSTITUTIONS ACCEPTABLE SUBJECT TO COMPLIANCE WITH SUBMITTAL REQUIREMENTS.
PAINTED CONCRETE FLOOR	PCF-1	SHERWIN WILLIAMS COATING	CONCRETE SLAB ON GRADE, SMOOTH STEEL TOWEL FINISH. COAT WITH ARMORSEAL 1K WATERBASED URETHANE FLOOR ENAMEL, GLOSS, HIGH PERFORMANCE, ONE COMPONENT POLYESTER WATERBASED URETHANE OR APPROVED EQUAL	SW #6251-OUTERSPACE		SUBSTITUTIONS ACCEPTABLE SUBJECT TO COMPLIANCE WITH SUBMITTAL REQUIREMENTS. PROVIDE TEST FIELD SAMPLE AND/OR DRAWDOWN *THIS PRODUCT ONLY APPLIES IF CONTRACTOR CHOOSES TO USE PAINTED FLOOR IN IT CLST AND CLASSROOM STORAGE CLOSET AS PREVIOULSY SPECIFIED, IN LIEU OF CURRENTLY SPECIFIED RESUTILE 4410*
SEALED CONCRETE FLOOR	*SCF-1*	*SHERWIN WILLIAMS COATING SEALER FOR INTERIOR SPACES THAT ARE NOT CONDITIONED*	*CONCRETE SLAB ON GRADE, LIGHT BROOM FINISH TO CREATE NON-SLIP SURFACE WITH ROUGHNESS EQUIVALENT TO 120 GRIT SANDPAPER OR COURSER AND TO THE EQUIVALENT OF AN R-19 RAMP TEST RATING, WHICHEVER IS MORE STRINGENT. SEAL WITH H&C® CLARISHIELD® SOLVENT-BASED NATURAL LOOK CLEAR CONCRETE SEALER PROVIDES A LOW-SHEEN FINISH*	*CLEAR*	*NA*	*ENTRY AND FACILITIES STORAGE SUBSTITUTIONS ACCEPTABLE SUBJECT TO COMPLIANCE WITH SUBMITTAL REQUIREMENTS.* *PROVIDE TEST FIELD SAMPLE* *ALSO FOR PUBLIC, PARGED CMU FACE OF RECEPTION COUNTERTOP SUPPORT WALLS*
SEALED CONCRETE FLOOR	*SCF-2*	*SHERWIN WILLIAMS COATING SEALER FOR EXTERIOR POOL DECK APRON BEYOND THE GUTTER SYSTEM AND ASSOCIATED EXTERIOR CONCRETE SOG FLATWORK AROUND POOL*	*CONCRETE SLAB ON GRADE, LIGHT BROOM FINISH OR SALT FINISH TO CREATE NON-SLIP SURFACE WITH ROUGHNESS EQUIVALENT TO 120 GRIT SANDPAPER OR COURSER AND TO THE EQUIVALENT OF AN R-19 RAMP TEST RATING, WHICHEVER IS MORE STRINGENT. SEAL WITH H&C® CLARISHIELD® SOLVENT-BASED NATURAL LOOK CLEAR CONCRETE SEALER PROVIDES A LOW-SHEEN FINISH*	*CLEAR*	*NA*	*SUBSTITUTIONS ACCEPTABLE SUBJECT TO COMPLIANCE WITH SUBMITTAL REQUIREMENTS.* *SEE DETAILS FOR CONC SOG DIMENSIONS/REINFORCING* *PROVIDE TEST FIELD SAMPLE OF CONCRETE FINISH AND SEALANT*
SEALED CONCRETE FLOOR	*SCF-3*	*SHERWIN WILLIAMS COATING FOR INTERIOR CONDITIONED SPACES*	*RESUTILE AQUA 4410/4411 WATER-BASED, BREATHABLE, ALIPHATIC URETHANE* *TWO COATS WITH SHARKGRIP ADDED TO 2ND COAT. RECOMMENDED SPREADING RATE PER COAT:* *WET MILS (MICRONS): 3 (75) TO 6 (150)* *DRY MILS (MICRONS): 1.5 (37.5) TO 3 (75)* *COVERAGE SQ FT/GAL (M2/L): 278 (6.9) TO 556 (13.9)*	*CLEAR*	*NA*	*OFFICES, STAFF RESTROOM, CLOSETS, CLASSROOM, CONCESSION, CONCESSION STORAGE, FILTER ROOM* *DRAW-DOWN OR EQUAL FIELD SAMPLE SUBMITTAL*
WALL BASE/VCB	VCB-1	ROPPE PINNACLE RUBBER BASE, TYPE TS, COVE BASE, 1/8" NOMINAL X 4" IS BOD. EQUIVALENT IN THERMOPLASTIC RUBBER ARMSTRONG LINE IS ACCEPTABLE		#100; BLACK	4", 1/8" THICK	SUBSTITUTIONS ACCEPTABLE SUBJECT TO COMPLIANCE WITH SUBMITTAL REQUIREMENTS. THIS PRODUCT ONLY APPLIES IF CONTRACTOR CHOOSES TO USE PAINTED FLOOR IN IT CLST AND CLASSROOM STORAGE CLOSET AS PREVIOULSY SPECIFIED, IN LIEU OF CURRENTLY SPECIFIED RESUTILE 4410
WALL BASE	WB-1	JAMES HARDI ARTISAN FIBER CEMENT SIDING AND/OR HARDI PANEL ACTING AS WALL BASE WITH BASE TRIM ALUMINUM PROFILE	HARDIE™ EDGE BASE TRIM AND MATCHING JOINER PRODUCT CODE: 305912 AN ALUMINIUM EXTRUSION USED WITH HARDEDGE™ BASE TRIM TO CONCEAL JOINTS COLOR: 'SABLE™ BRILLIANCE' (DARK GREY). USE JH 1-PIECE J ALUMINMUM J TRIM OR SIMILAR PROFILEAT ALL INTERIOR ENTRY AND SIMILAR	WALL CLADDING COLOR; TBS; SEE PTD-6 BELOW COLOR: 'SABLE™ BRILLIANCE' (DARK GREY) OR PAINT TO MATCH CLADDING OR		SUBSTITUTIONS ACCEPTABLE SUBJECT TO COMPLIANCE WITH SUBMITTAL REQUIREMENTS. https://www.jameshardie.com.au/productrange/hardieedge

THIS SHEET CONTAINS REVISONS FOR REBID. IN ORDER TO ALIGN GRAPHICS WITH CHANGES IN THE TEXT-DRIVEN PROJECT MANUAL, REVISIONS ON TEXT WITHIN THE DRAWINGS ARE SHOWN IN STRIKE-THRU AND NEW TEXT IS SHOWN IN ITALICS. INDIVIDUAL TEXT REVISIONS ARE NOT CLOUDED.

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			LOCATIONS WHERE JH HARDI-NALE IS USED AS WALL FINISH: SEE DETAIL	PANEL		
WALL BASE	WB-2	NA				
~~TILE~~	~~T-1~~	~~DALTILE: COLORBODY PORCELAIN, MATTE, INTENDED FOR AREAS WHERE FREEZE MAY BE POSSIBLE, 3/16" JOINT, WA+<0.5%,BREAKING STRENGTH = >275 LBS, SCRATCH HARDNESS = 8.0, CHEMICAL RESISTANT~~	~~WALL TILE: ILLUSIONIST #IL-47~~	~~#IL-47: STAGE~~	~~5/16" THICK, 12" X 24"~~	~~THINSET/TCA RECOMMENDED INSTALLATION SETTING BED OVER JAMES HARDI HARDIBACKER.~~ ~~START LOCKER TILE AT TOP OF EPOXY COVE BASE WITH SCHLUTTER QUADEC TRIM PROFILE IN SATIN ANODIZED ALUMINUM (AE) OR SATIN NICKEL ANODIZED ALUMINUM (AT).~~ ~~USE SCHLUTTER RONDEC PROFILE SATIN ANODIZED ALUMINUM (AE) OR SATIN NICKEL ANODIZED ALUMINUM (AT) AT ALL EXTERIOR CORNERS~~ ~~USE SCHLUTTER JOLLY PROFILE SATIN ANODIZED ALUMINUM (AE) OR SATIN NICKEL ANODIZED ALUMINUM (AT) AT ALL TILE TERMINATION CONDITIONS TO GPDW OR OTHER, DISSIMILIAR MATERIALS~~ ~~PROVIDE 'SOFT' COLOR-MATCHED POLYURETHANE SEALANT JOINT AT ALL TILE JOINTS TO DISSIMILAR MATERIALS NOT OTHERWISED TRIMMED WITH SCHLUTTER PROFILES. PROVIDE CLEAR POLYURETHANE SEALANT COVED BEAD BETWEEN WALL AND CEILING TILE IN SHOWER. PROVIDE PAINTABLE SEALANT JOINT BETWEEN SCHLUTTER JOLLY AND OTHER PAINTABLE MATERIALS AND PRIME/TOP-COAT PER SPECS AND THIS SECTION.~~ ~~SUBSTITUTIONS ACCEPTABLE SUBJECT TO COMPLIANCE WITH SUBMITTAL REQUIREMENTS.~~ ~~SUBMITTAL:PROVIDE SAMPLE OF MIN (2) TILES, PDS AND INSTALLATION MATERIALS CUTSHEETS TO CONFIRM INSTALLATION PROCESS AND MATLS~~
~~TILE~~	~~T-2~~	~~DALTILE: COLORBODY PORCELAIN, MATTE, INTENDED FOR AREAS WHERE FREEZE MAY BE POSSIBLE, 3/16" JOINT, WA+<0.5%,BREAKING STRENGTH = >275 LBS, SCRATCH HARDNESS = 8.0, CHEMICAL RESISTANT~~	~~MOSAIC SHOWER CEILING TILE: ILLUSIONIST #IL-45~~	~~#IL-45; LUMEN~~	~~5/16" THICK, 3"X3" IN 12"X12" SHEETS~~	~~SAME AS ABOVE~~
~~GROUT~~	~~G-1~~	~~LATICRETE SPECTRALOCK PRO PREMIUM, NON-SAG, EPOXY GROUT OR LATICRETE SPECTRALOCK 200 IG, NON-SAG EPOXY GROUT OR APPROVED EQUAL~~	~~FOR WALL TILE~~	~~#24; NATURAL GREY~~		~~INSTALL OVER MAPEI KERABOND/KERALASTIC MORTAR SYSTEM~~
~~GROUT~~	~~G-2~~	~~LATICRETE SPECTRALOCK PRO PREMIUM, NON-SAG, EPOXY GROUT OR LATICRETE SPECTRALOCK 200 IG, NON-SAG EPOXY GROUT OR APPROVED EQUAL~~	~~FOR SHOWER CEILING TILE~~	~~#90: LIGHT PEWTER~~		~~INSTALL OVER MAPEI KERABOND/KERALASTIC MORTAR SYSTEM~~
CHAIR RAIL	TR-1	WALLGUARD	#2135 WALL GUARD, ROUNDED PROFILE, SMOOTH FINISH, 1 1/16" H X 1 1/6" W, STANDARD LENGTHS OF 12 FT. CLASS A FIRE RATING, MATERIAL THICKNESS: VINYL .100", ALUMINUM .062". PROVIDE END CAPS AT EACH SECTION	WHITE		INSTALL IN LOCATIONS SHOWN IN ROOM ELEVATIONS https://wallguard.com/wallguards/accent-profile-wallguards/2135.html SUBSTITUTIONS ACCEPTABLE SUBJECT TO COMPLIANCE WITH SUBMITTAL REQUIREMENTS
WALL TRIM	TR-2	WOOD TRIM	1X2 SPF WOOD TRIM	PNT PER SCHEDULE; COLOR TBS		SEE INTERIOR ELEVATIONS
WALL TRIM	TR-3	WALLGUARD	#2330.1 WALL GUARD, 2" WING, 18 GAUGE, TYPE 304 SS, SATIN FINISH, UNDRILLED ADHEIVE MOUNT, 90 DEGREE ANGLE; 72" LENGTH OR NEAREST STANDARD LENGTH, STAINLESS STEEL OUTSIDE CORNER PROTECTOR	STAINLESS STEEL		AT ENDS OF FRAMED WALLS AT M+W LOCKER ROOM ENTRY SPACE; SEE ELEVATIONS
FIBER REINFORCED PLASTIC	FRP-1	MARLITE OR APPROVED EQUAL	S100-S2S PANEL COLOR PROVIDE FOLLOWING TRIMS IN MATCHING COLOR: • FRP DIVISION TRIM AT PANEL JOINTS • FRP EDGE TRIM AT PANEL BOTTOM ABOVE EPOXY COVE BASE • FRP INSIDE CORNER TRIM	S100-S2S PANEL COLOR; WHITE		CONCESSION KITCHEN; INSTALL OVER EITHER ½" TAPERED EDGE GPDW WITH GA LEVEL 2 FINISH OR OVER ½" OSB PRIMED AND ALL JOINTS CAULKED SUBSTITUTIONS ACCEPTABLE SUBJECT TO COMPLIANCE WITH SUBMITTAL REQUIREMENTS.
CTOP	CTOP-1	WILSONART PLASTIC LAMINATE: CONCESSION KITCHEN	4783-WHITE TIGRIS	4783-WHITE TIGRIS		STANDARD PLAM COUNTERTOP WITH 4" BACKSPLASH AND EITHER ROLL-FORMED EDGE OR SQUARE EDGE. SUBSTRATE SHALL BE 1 LAYER ¾" CDX PLYWD OR EQUIVALENT WITH ¾" ADDITIONAL STRENGTHING/REINFORCING STRIPS; SEE KITCHEN EQUIPMENT AND COMPONENT SCHEDULE
CTOP	CTOP-2	SHOP FABRICATED CONCRETE CTOP RECEPTION		DARK GREY, SIMILAR TO LAMP BLACK ADDDITIVE FINISH. SEAL EXPOSED SURFACES WITH COMPATIBLE, SATIN OR SIMILAR FINISH, SIMILAR TO SCF-1 OR AS RECOMMENDED BY THE FABRICATOR. PROVIDE GROMMETS AS NOTED. PROVIDE 1/8" EASED EDGE		SEE RECEPTION DESIGN DRAWINGS; THIS IS A SUBMITTAL/SHOP DRAWING ITEM PROVIDE SAMPLE OF CONCRETE COLOR AND FINISH AS PART OF SUBMITTAL
~~CTOP~~	~~CTOP-3~~	~~SEE DRAWINGS AND OTHER SCHEDULE(S) BRADLEY CUSTOM CTOP UNIT USING TERREON SOLID SURFACE MATERIALS IN FAMILY ROOM LOCKERS/CHANGING SPACES~~		~~DESIGNER WHITE~~		~~THIS IS A PLUMBING FIXTURE AND IS A SUBMITTAL/SHOP DRAWING ITEM. IT IS INCLUDED HERE FOR CONVENIENCE AND INFORMATION ONLY~~
~~CTOP~~	~~CTOP-4~~	~~SEE DRAWINGS AND OTHER SCHEDULE(S) BRADLEY SINGLE BOWL CTOP UNIT USING TERREON SOLID SURFACE MATERIALS IN MENS AND WOMENS LOCKERS/CHANGING SPACES~~		~~DESIGNER WHITE~~		~~THIS IS **NOT** SPECIFIED IN THE PLUMBING FIXTURE SCHEDULE~~
STANDARD GPDW	GPDW-1	NATIONAL GYPSUM OR APPROVED EQUAL	GOLD BOND FIRESHIELD, TAPERED EDGE; 5/8"	NA		SEE PTD MARKS BELOW FOR PTD SURFACE GA FINISH LEVEL
MOISTURE RESISTANT GPDW	GPDW-2	NATIONAL GYPSUM OR APPROVED EQUAL	STANDARD, TAPERED EDGE, MOISTURE RESISTANT 'GREEN BOARD'; 5/8"	NA		SEE PTD MARKS BELOW FOR PTD SURFACE GA FINISH LEVEL SUBMITTAL
WATER RESISTANT GPDW	GPDW-3	NATIONAL GYPSUM OR APPROVED EQUAL	GOLD BOND eXP INTERIOR EXTREME IR OR AR OR APPROVED EQUAL; 5/8"	NA		FOR USE IN HIGH HUMIDITY AREAS SUCH AS FILTER ROOM AND LOCKER ROOMS. MATL'S SHALL BE IN CONFORMANCE WITH GYPSUM ASSOCIATION STANDARDS FOR MOLD/MOISTURE RESISTANT PANELS IN COMMERCIAL BUILDINGS SEE PTD MARKS BELOW FOR PTD SURFACE GA FINISH LEVEL SUBMITTAL
TILE BACKER BOARD	GPDW-4	JAMES HARDI	HARDI-BACKER CEMENT BOARD OR APPROVED EQUAL; ½". ALSO USE AT TILE WINDOW RETURNS AT EAST WINDOWS IN M+W LOCKER ROOMS. IF INSUFFIENCT SPACE FOR ½" MATL TO CLEAR WINDOW OPERATING COMPONENTS, USE ¼" EQUIVALENT MATERIAL ONLY AT THESE LOCATIONS	NA		FOR USE BEHIND WALL TILE. TAPE ALL JOINTS PER JH RECOMMENDATIONS, USING FIBER GLASS TAPE AND TILE SETTING MATERIAL. SUBMITTAL
WALL CLADDING	WC-1	JAMES HARDI ARTISAN FIBER CEMENT SIDING AND/OR HARDI PANEL ACTING AS WALL FINISH WITH BASE TRIM ALUMINUM PROFILE	ALSO SEE WB-1 ABOVE, WHICH IS THE SAME MATERIAL	CONTRACTOR'S OPTION: HARDIE PANEL AND TRIM MAY BE FIELD PAINTED; SEE PTD-6 INFORMATION BELOW OR FACTORY COATED USING JH IRON GREY COLOR. ARTISAN ASPYRE SIDING SHALL BE FACTORY PRIMED AND FIELD COATED PER PTD-6		JH CLADDING MATERIALS OCCUR ON EXTERIOR SURFACES OF OPEN OFFICE AND FACILITIES STORAGE SPACE WHICH ARE WITHIN THE ENTRY SPACE. THE SAME MATERIALS OCCUR ON THE INTERIOR FACES OF THE ENTRY WALLS; SEE ELEVATIONS FOR ADDITIONAL INFORMATION. JH ASPYRE SIDING OCCURS ON OPEN OFFICE AND FAC STRG WALLS WITH HARDIE PANEL AT TOP. JH HARDIE PANEL AND TRIM OCCUR ON ENTRY WALLS SEE ELEVATIONS FOR ADDITIONAL INFORMATION.
WALL CLADDING	WC-2	CONSTRUCTN STD	½" OSB WITH (1) COAT PRIMER	NA		
PAINT	PTD-1	SHERWIN WILLIAMS	PRO INDUSTRIAL PRE-CATALYZED WATERBASED EPOXY, SATIN, INTERIOR	OLD BM#1548; SEMI-GLOSS		1 COAT PROMAR 200 ZERO VOC PRIMER AND 2-COATS PRO INDUSTRIAL PRE-CAT EPOXY M+W+FAM RM LOCKER ROOMS WHERE NO WALL TILE GA LEVEL 4 MINIMUM GPDW FINISH. PROVIDE GA LEVEL 4-5 FINISH ON ANY PAINTED WALL SECTIONS THAT ARE GREATER THAN 36" IN LENGTH. SUBMITTAL: PROVIDE PRE-PAINT/PRIME WALL FINISH MOCKUP FOR SEMI-GLOSS SHEEN PAINTED SURFACES
	PTD-2	SHERWIN WILLIAMS	PRO INDUSTRIAL PRE-CATALYZED WATERBASED EPOXY, SEMIGLOSS, INTERIOR	OLD BM#1548; SEMI-GLOSS		1 COAT PROMAR 200 ZERO VOC PRIMER AND 2-COATS PRO INDUSTRIAL PRE-CAT EPOXY FILTER ROOM WALLS AND CEILING INTERIOR AND EXTERIOR DOOR OF FILTER ROOM IF NOT PRE-COATED; DOORS AND FRAMES MATCH WALLS; CONFIRM COMPATIBILITY OF THIS TOP COATING WITH GRAY SHOP PRIMED DOORS AND FRAMES GA LEVEL 3-4 GPDW FINISH
	PTD-3	SHERWIN WILLIAMS	PRO INDUSTRIAL™DTM ACRYLIC SEMI-GLOSS, INTERIOR AND EXTERIOR	OLD BM#1603; SEMI-GLOSS		INTERIOR AND EXTERIOR DOOR IF NOT PRE-FINISHED AND ENTRY FRONT GATE AND FENCE 1 COAT PRO INDUSTRIAL PRO-CRY PRIMER OR PRO INDUSTRIAL DTM PRIMER/FINISH OR KEMBONDS HS OR ZINC CLAD PRIMER. 2 COATS PRO INDUSTRIAL DTM ACRYLIC CONFIRM COMPATIBILITY OF THIS TOP COATING WITH GRAY SHOP PRIMED DOORS AND FRAMES AS PART OF SUBMITTAL
	PTD-4	SHERWIN WILLIAMS	ACRYLIC, INTERIOR; EMERALD INTERIOR LATEX, SATIN	OLD BM#1548; SATIN		INTERIOR GPDW NOT OTHERWISE SCHEDULED FOR COATING OVER GPDW: 1 COAT PREMIUM WALL & WOOD PRIMER 2 COATS EMERALD INTERIOR LATEX GA LEVEL 4 MINIMUM GPDW FINISH.
	PTD-5	SHERWIN WILLIAMS	ACRYLIC, INTERIOR; EMERALD INTERIOR LATEX, SEMI-GLOSS	TBS, AS NECESSARY FACLITIES STRG INTER: OLD BM#1548		FOR ANY INTERIOR WOOD OR SIMILAR TRIM OR WALL SURFACE NOT OTHERWISE SCHEDULED FOR COATING SAME PRIME AND FIN COATS

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	PTD-6	SHERWIN WILLIAMS	ACRYLIC, EXTERIOR; EMERALD EXTERIOR ACRYLIC SATIN	COLOR 1: TBS COLOR 2: TBS COLOR 3: TBS COLOR 4; TOP BAND OF HARDIE PANEL AND TRIM AT ENTRY INTERIOR AND EXTERIOR AND AT EACH WING CLERESTORY WINDOWS; MATCH BM OLD# 1603/GRAPHITE GREY OR PROVIDE JH COATING IN IRON GREY		FOR EXTERIOR WALL SURFACES WITHIN THE ENTRY SPACE THAT USE EXTERIOR MATERIALS AS THE WALL FINISH. THESE WILL ALSO APPLY TO EXTERIOR SIDING COLORS. RECEPTION SIDE(INTERIOR) CMU FACE OF RECEPTION COUNTERTOP SUPPORT WALLS SHALL USE MARK PTD-6. PUBLIC, PARGED WALL CMU SIDE SHALL USE MARK SCF-1 EMERALD EXTERIOR ACRYLIC LATEX IS SELF-PRIMING ON MOST SURFACES. APPLY 2 COATS ON NEW, BARE SUBSTRATES OR 1 COAT FOR REPAINT. SEE DETAIL FOR PAINT AND FINISH OF CONCRETE COLUMNS

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011462
ARCHITECT

No.	Date	Revision Notes	Zone	Appr
	3/29/2024	REBID REVISIONS IN ITALIC		

No.	Date	Issue Notes
2	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION
	10/19/2023	client review

Date: 12/6/2023
Revision: Revision
Project ID: 23703;culpeper
Drawing Code: Drawing Code
CAD File Name:
Plot Date: 00/00/00
Designed By:
Drawn By:
Checked By:
Reviewed By:
Submitted By:
Project Manager:

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Consultant

Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
PRODUCT SCHEDULE
FOR FINISH SCHEDULE

Scale

Sheet No.
A931
of

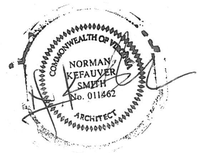
KITCHEN EQUIPMENT AND MISCELLANEOUS COMPONENTS SCHEDULE

GENERAL NOTES:

1. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION
2. SEE MEP DRAWINGS FOR GRIDDLE EXHAUST HOOD AND FIRE SUPRESSION SYSTEM INFORMATION

PRODUCT	MK	MANUFACTURER	MODEL #	MAT'L	COLOR/FINISH	DESCRIPTION	REMARKS
PLUMBING EQUIPMENT AND FITTINGS PROVIDED FOR CONVENIENCE ONLY: SEE PLUMBING SCHEDULE(S) FOR ADDITIONAL INFORMATION							
3 BOWL WARE WASH SINK	K-1	WEBSTAURANT; STEELTON	ITEM #522CS31014LK	18 GA TYPE 304 ST STL	SS	STEELTON 54" 18-GAUGE STAINLESS STEEL THREE COMPARTMENT COMMERCIAL SINK WITH 2 DRAINBOARDS - 10" X 14" X 12" BOWLS ITEM #522CS31014LK	FAUCET AND GREASE INTERCEPTOR NOT INCLUDED IN THIS SCHEDULE; SEE PLUMBING SCHEDULES
HAND-WASH SINK	K-2	WEBSTAURANT; REGENCY	#600HS17SPDST	20 GA TYPE 304 ST STL	SS	REGENCY 17" X 15" WALL MOUNTED HAND SINK WITH GOOSENECK FAUCET, SIDE SPLASHES, AND TOP MOUNTED PAPER TOWEL AND SOAP DISPENSER #600HS17SPDST	FAUCET, SOAP AND TOWEL DISPENSOR INCLUDED. HAND WASH ONLY SIGN IS NOT INCLUDED
FLOOR MOP SINK	K-3	WEBSTAURANT; REGENCY	#600SM16206	16 GA TYPE 304 ST STL	SS	REGENCY 25" 16-GAUGE STAINLESS STEEL ONE COMPARTMENT FLOOR MOP SINK - 20" X 16" X 6" BOWL #600SM16206	
SANITIZER TEST STRIPS	K-4	WEBSTAURANT OR EQ	NA			TO BE PROVIDED BY COUNTY	
FOOD AND WATER TEST THERMOMETERS	K-5	WEBSTAURANT OR EQ	NA			TO BE PROVIDED BY COUNTY	
COUNTERTOP							
PLASTIC LAMINATE C-TOP	CTOP-1	VENDOR SHOP FABRICATED	NA	WILSONART PLAM	4783-WHITE TIGRIS	STANDARD PLAM COUNTERTOP WITH 4" BACKSPLASH AND EITHER ROLL-FORMED EDGE OR SQUARE EDGE; NOTCH BACKSPASH, AS NECESSARY, AROUND CONCESSION SERVICE WINDOWS. SUBSTRATE SHALL BE 1 LAYER ¾" CDX PLYWD OR EQUIVALENT WITH ¾" PLYWOOD ADDITIONAL STRENGTHING/REINFORCING STRIPS TO NET A TOTAL CTOP DIMENSION OF 1.5". SEE DETAILS/ELEVATIONS IF PROVIDED. PROVIDE HAFELE E-LEG, 60 MM DIAM, 876 MM (34 1/2"), BLACK SEMI-GLOSS EPOXY COATED LEG AND MOUNT PLATE, WITH 1" ADJUSTBLE LEG LEVELOR, ITEM NO. 635.61.395, OR APPROVED EQUAL. SPACE LEGS A MAXIMUMOF 36" APART, WITHIN 3" OF EACH COUNTERTOP END AND PROVIDE A MINIMUM CLEAR SPACE OF 30" AT EACH CONCESSION WINDOW. PROVIDE 2X4 CLEAT OR <2X2X1/8-3/16" AS WALL CLEAT ALONG ALL SURFACES. IF < IS USED, PROVIDE 5/16" D HOLES AT APPROX 12-16" OC TO SCREW COUNTERTOP TO < FROM BELOW AT UNDERCOUNTER ICE MACHINE AND SLUSHY MACHINE: PROVIDE SAME CTOP CONSTRUCTION BUT SET TOP AT 42" AFF TO PROVIDE CLEARANCE FOR 38.25" ICE MACHINE HEIGHT. ELEVATE CTOP BY RAISING WALL CLEAT AND PROVIDING (2) 2X6 BAND ON WEST SIDE, CONNECTED TO WOOD WALL CLEAT; LEG MOUNT PLATE WILL SCREW TO BOTTOM OF BAND. WALL CLEATS SHALL BE INSTALLED ON EAST AND SOUTH WALLS AND PROVIDE (1) LEG AT WEST SIDE UNDER (2)2X6 AND (1) LEG TO EAST OF UNDERCOUNTER ICE MACHINE; CONFIRM MACHINE OPENING CLEARANCE IS A MINIMUM OF 32" BETWEEN LEGS. WRAP WEST AND NORTH EDGES OF FRAMING WITH 1X6 SPF WD TRIM TO FINISH AND MITER EXPOSED CORNER. ALL EXPOSED WOOD SURFACES SHALL BE PRIMED AND PAINTED PER THE PRODUCT SCHEDULE FOR FINISH, MK # PTD-5	
FURNITURE							
WORK TABLE	K-6	WEBSTAURANT OR EQ	TBS BY COUNTY; NON-FIXED	STAINLESS STEEL		TO BE PROVIDED BY COUNTY/OFOI	OFOI
SHELVING OVER 3 BOWL SINK	K-7	WEBSTAURANT OR EQ	TBS BY COUNTY; APPPROXIMATELY 54" L, CEILING MOUNT SHELVING UNIT	STAINLESS STEEL		TO BE PROVIDED BY COUNTY/OFCI	OFCI/ GC SHALL PROVIDE SUPPORT BLOCKING AND INSTALL COMPONENT AS PART OF BASE SOW
APPLIANCES							
CHEST FREEZER	K-8	WEBSTAURANT: GALAXY EQUIPMENT	GALAXY CF30HC COMMERCIAL CHEST FREEZER, 30 CF, #177CF30HC	WHITE			OFCI WITH FINAL SETTING OF EQUIPMENT BY OWNER; GC SHALL PROVIDE MEP ROUGH-INS, COMPLETE WALL RECEPTACLES PER THE EQUIPMENT CUTSHEETS AND ANY PLUMBING CONNECTION OR FILTER (AS FOR THE K-15 ICE MACHINE) AS PART OF BASE SOW. OWNER WILL PROVIDE EQUIPMENT AND PLUG IT IN TO THE RECEPTACLES AND DO A FINAL WATER LINE CONNECTION FOR THE FILTER.
~~GRIDDLE AND REFRIGERATED BASE~~	~~K-9~~	~~WEBSTAURANT: COOKING PERFORMANCE GROUP~~	~~COOKING PERFORMANCE GROUP 48EG48CB, ELECTRIC 48" COUNTERTOP GRIDDLE WITH TEHRMOSTATIC CONTROLS AND 48" REFRIGERATED BASE~~	~~STAINLESS STEEL~~			~~OFCI WITH FINAL SETTING OF EQUIPMENT BY OWNER; GC SHALL PROVIDE MEP ROUGH-INS, COMPLETE WALL RECEPTACLES PER THE EQUIPMENT CUTSHEETS AND ANY PLUMBING CONNECTION OR FILTER (AS FOR THE K-15 ICE MACHINE) AS PART OF BASE SOW. OWNER WILL PROVIDE EQUIPMENT AND PLUG IT IN TO THE RECEPTACLES AND DO A FINAL WATER LINE CONNECTION FOR THE FILTER.~~
PIZZA WARMER/ PRETZEL RACK	K-10	WEBSTAURANT: SERVIT	SERVIT #PDW12D1P 12" FULL SERVICE PIZZA WARMER W/ ROTATING 4 SHELF PIZZA RACK AND PRETZEL RACK, #423PDW12D1P	CLEAR, SILVER			OFCI WITH FINAL SETTING OF EQUIPMENT BY OWNER; GC SHALL PROVIDE MEP ROUGH-INS, COMPLETE WALL RECEPTACLES PER THE EQUIPMENT CUTSHEETS AND ANY PLUMBING CONNECTION OR FILTER (AS FOR THE K-15 ICE MACHINE) AS PART OF BASE SOW. OWNER WILL PROVIDE EQUIPMENT AND PLUG IT IN TO THE RECEPTACLES AND DO A FINAL WATER LINE CONNECTION FOR THE FILTER.
POPCORN POPPER	K-11	WEBSTAURANT; PARAGON	PARAGON THEATER POP MACHINE # 1112110, TP-12, 12" POPPER	CLEAR, RED			OFCI WITH FINAL SETTING OF EQUIPMENT BY OWNER; GC SHALL PROVIDE MEP ROUGH-INS, COMPLETE WALL RECEPTACLES PER THE EQUIPMENT CUTSHEETS AND ANY PLUMBING CONNECTION OR FILTER (AS FOR THE K-15 ICE MACHINE) AS PART OF BASE SOW. OWNER WILL PROVIDE EQUIPMENT AND PLUG IT IN TO THE RECEPTACLES AND DO A FINAL WATER LINE CONNECTION FOR THE FILTER.
REACH-IN FREEZER	K-12	WEBSTAURANT; AVANTCO	AVANTCO A-49F-HC54" SOLID DOOR REACH-IN FREEZER, #178A49FHC	STAINLESS STEEL			OFCI WITH FINAL SETTING OF EQUIPMENT BY OWNER; GC SHALL PROVIDE MEP ROUGH-INS, COMPLETE WALL RECEPTACLES PER THE EQUIPMENT CUTSHEETS AND ANY PLUMBING CONNECTION OR FILTER (AS FOR THE K-15 ICE MACHINE) AS PART OF BASE SOW. OWNER WILL PROVIDE EQUIPMENT AND PLUG IT IN TO THE RECEPTACLES AND DO A FINAL WATER LINE CONNECTION FOR THE FILTER.
MERCHANDISER REFRIGERATOR	K-13	WEBSTAURANT; AVANTCO	AVANTCO GDS-47-HC-53" BALCK SLIDING GLASS DOOR MERCHANDISE REFRIGERATOR W/LED LIGHTING, #178GDS47HCB	BLACK			OFCI WITH FINAL SETTING OF EQUIPMENT BY OWNER; GC SHALL PROVIDE MEP ROUGH-INS, COMPLETE WALL RECEPTACLES PER THE EQUIPMENT CUTSHEETS AND ANY PLUMBING CONNECTION OR FILTER (AS FOR THE K-15 ICE MACHINE) AS PART OF BASE SOW. OWNER WILL PROVIDE EQUIPMENT AND PLUG IT IN TO THE RECEPTACLES AND DO A FINAL WATER LINE CONNECTION FOR THE FILTER.
SLUSHY MACHINE	K-14	WEBSTAURANT; CARNIVAL KING	CARNIVAL KING TRIPLE 2.6 GAL POUROVER GRANITA/SLUSHY/FROZEN BEVERAGE DISPENSER, #382SM3	BLK, SILVER			OFCI WITH FINAL SETTING OF EQUIPMENT BY OWNER; GC SHALL PROVIDE MEP ROUGH-INS, COMPLETE WALL RECEPTACLES PER THE EQUIPMENT CUTSHEETS AND ANY PLUMBING CONNECTION OR FILTER (AS FOR THE K-15 ICE MACHINE) AS PART OF BASE SOW. OWNER WILL PROVIDE EQUIPMENT AND PLUG IT IN TO THE RECEPTACLES AND DO A FINAL WATER LINE CONNECTION FOR THE FILTER.
UNDERCOUNTER ICE MACHINE	K-15	WEBSTAURANT; AVANTCO	AVANTCO ICE UC-F-210-A 26" AIR COLLED UNDERCOUNTER FULL CUBE ICE MACHINE, 222 LB CAP, #194UCF210A	STAINLESS STEEL			OFCI WITH FINAL SETTING OF EQUIPMENT BY OWNER; GC SHALL PROVIDE MEP ROUGH-INS, COMPLETE WALL RECEPTACLES PER THE EQUIPMENT CUTSHEETS AND ANY PLUMBING CONNECTION OR FILTER (AS FOR THE K-15 ICE MACHINE) AS PART OF BASE SOW. OWNER WILL PROVIDE EQUIPMENT AND PLUG IT IN TO THE RECEPTACLES AND DO A FINAL WATER LINE CONNECTION FOR THE FILTER. NOTE THAT THIS UNIT'S HEIGHT DIM IS 38.25" AND SO WILL NOT FIT UNDER STD COUNTER HEIGHT NOTED ELSEWHERE IN CONCESSION; SEE PRODUCT SCHEDULE FOR FINISH SCHEDULE FOR CTOP CONSTRUCTION AND HEIGHT FOR THIS UNIT AND SLUSHY MACHINE PROVIDE OCEANLOCK 115V WATER FILTER; SEE PLUMBING SCHEDULE/INFORMATION

THIS SHEET CONTAINS REVISONS FOR REBID. IN ORDER TO ALIGN GRAPHICS WITH CHANGES IN THE TEXT-DRIVEN PROJECT MANUAL, REVISIONS ON TEXT WITHIN THE DRAWINGS ARE SHOWN IN STRIKE-THRU AND NEW TEXT IS SHOWN IN *ITALICS*. INDIVIDUAL TEXT REVISIONS ARE NOT CLOUDED.



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2	1/3/2024	REBID RELEASE FOR BID
1	12/7/2023 10/19/2023	PERMIT SUBMISSION client review

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Project File

PRODUCT SCHEDULE
FOR FINISH SCHEDULE

Sheet File

Scale

Sheet No.
A932
of

MISCELLANEOUS FURNISHINGS, FITTING, EQUIPMENT AND TOILET ACCESSORIES SCHEDULE

GENERAL NOTES:

LOCKER RM + BATH ROOM ACCESSORIES AND FURNISHINGS SCHEDULE

PRODUCT	MK	MANUFACTURER	MODEL #	MAT'L	COLOR/FINISH	DESCRIPTION	REMARKS
TOILET PARTITIONS							
TOILET PARTITIONS	LR-1	BOBRICK OR APPROVED EQUAL SUBJECT TO SUBMITTAL REQUIREMENTS	DURALINE CGL#1082 SERIES	COMPACT GRADE LAMINATE	PEWTER MESH WITH BLACK CORE 4878-60,	TOILET PARTITIONS AS SHOWN AND NOTED IN THE DRAWINGS; BOBRICK OR APPROVED EQUAL WITH FOLLOWING CHARACTERISTICS; PROVIDE SUBMITTAL WITH MATERIALS, LAYOUT, ATTACHMENT AND COLOR SAMPLE. 12" FLOOR CLEARANCE, 58" PANEL TO FINSIH AT APPROX 82.5" AFF WITH HEADRAIL, FLOOR ANCHORED AND OVERHEAD BRACED, CLASS B. PANELS AND SCREENS: 1/2" (13MM) THICK, SOLIDLY FUSED COMPACT GRADE LAMINATE WITH MATTE FINISH MELAMINE SURFACES, COLORED FACE SHEETS, AND BLACK PHENOLIC-RESIN CORE THAT ARE INTEGRALLY BONDED. EDGES ARE BLACK. DOORS: ¾" SAME MATERIAL. STANDARD, GAPPED DOORS. URINAL SCREEN SHALL BE FLOOR ANCHORED, FULL EDEPTH TO ALIGN WITH OTHER PANELS STANDARD 18-8 TYPE 304 STAINLESS STEEL BARREL HINGES, BRACKETS, HARDWARE, FLOOR ANCHORS/LEVELORS	THIS IS A SUBMITTAL ITEM. SUBMITTAL SHALL INCLUDE LAYOUT, ATTACHMENT POINTS, DIMENSIONS AND MATERIAL SAMPLES. PROVIDE SAMPLE OF FINISH AS PART OF SUBMITTAL
TOILET ACCESSORIES							
~~TOWEL DISPENSOR AND TRASH~~	~~LR-2~~	~~BOBRICK~~	~~B-3944~~	~~STAINLESS STL~~	~~SS~~	~~CLASSIC SERIES® RECESSED CONVERTIBLE PAPER TOWEL DISPENSER AND WASTE RECEPTACLE, 18-8 TYPE 304 SS CONSTRUCTION, FOR C-FOLD OR MULTI-FOLD PAPER TOWELS~~	~~OR APPROVED EQUAL. LOCATED IN MEN'S AND WOMEN'S LOCKER ROOMS~~
TOWEL DISPENSOR	LR-3	BOBRICK	B-262	STAINLESS STL	SS	CLASSIC SERIES® SURFACE-MOUNTED PAPER TOWEL DISPENSER, 18-8 TYPE 304 SS CONSTRUCTION, FOR C-FOLD OR MULTI-FOLD PAPER TOWELS	OR APPROVED EQUAL. LOCATED IN M+W LOCKERS, FAMILY LOCKER ROOMS AND STAFF BATHROOM
~~TOWEL TRASH CAN~~	~~LR-4~~	~~TRASH CAN WAREHOUSE~~	~~41QUART~~	~~PLASTIC~~	~~BLACK~~	~~FLOOR STANDING PLASTIC 41 QT CAPACITY TRASH CAN, 11 X 15.25 X 19.9 H~~	~~OR APPROVED EQUAL. LOCATED IN FAMILY LOCKER ROOMS UNDER CTOP CUT-OUT~~ ~~**CONFIRM THAT HEIGHT WILL FIT WITH BRADLEY SHOP DRAWINGS AND SUPPORT BRACKETS; IF NOT, USE SAME IN 28 QUART MODEL BELOW**~~
TOWEL TRASH CAN	LR-4.1	TRASH CAN WAREHOUSE	28QUART	PLASTIC	BLACK	FLOOR STANDING PLASTIC 28 QT CAPACITY TRASH CAN, 10.5 X 14.25 X 15 H	OR APPROVED EQUAL. LOCATED IN STAFF BATHROOM
SOAP DISPENSOR	LR-5	BOBRICK	B-4112	STAINLESS STL	SS	WALL MOUNT B-4112, 18-8, 20 GA, TYPE 304 STAINLESS, SATIN FINISH, WITH REFILL WINDOW, ADA/A DAAG COMPLIANT FOR SOAP DISPENSING FORCE	OR APPROVED EQUAL. LOCATED IN STAFF BATH; LOCATE ON EAST WALL WITH SPOUT AT 40" AFF
SANITARY NAPKIN/TAMPON DISPENSOR	LR-6	BOBRICK	B-2706	STAINLESS STL	SS	CLASSIC SERIES, SURFACE-MOUNT NAPKIN/TAMPON DISPENSOR, 18-8, 20 GA, TYPE 304 STAINLESS, SATIN FINISH	OR APPROVED EQUAL. PROVIDE (1) IN WOMEN'S LOCKER ROOM
SANITARY NAPKIN RECEPTACLE	LR-7	BOBRICK	B-270	STAINLESS STL	SS	CLASSIC SERIES, SURFACE-MOUNT NAPKIN/TAMPON DISPENSOR, 18-8, 22 GA, TYPE 304 STAINLESS, SATIN FINISH, WITH FLIP-UP COVER	OR APPROVED EQUAL. PROVIDE (1) IN EACH WOMEN'S LOCKER ROOM WC STALL AND (1) IN WOMEN'S SHOWER CHANGING AREA ON WALL
TRASH CAN-LARGE, FREE-STANDING; M+W LOCKER ROOM *AND FAMILY LOCKER ROOMS*	LR-8	TRASH CAN WAREHOUSE; MOUNT EVEREST LINE	F-2035 TOP WITH SG BODY	SPUN ALUM/PNTD STEEL	(SA)SATIN ALUM TOP W/(SG) SLATE GREY BODY	FLOOR STANDING LARGE CAPACITY WASTE RECEPTACLE, ALUM/STEEL CONSTRN, 20" DIAM, 35" H, 33 GAL, FUNNEL TOP, PLASTIC LINER	B.O.D. APPROVED EQUAL ACCEPTABLE SUBJECT TO SUBSTITUTION REQUIREMENTS *THIS TRASH RECEPTACLE IS USED IN BOTH M+W AND FAMILY RM LOCKER ROOMS*
MIRROR-LARGE	LR-9	CON STD, CRL	NA	NA	NA	WALL-MOUNTED MIRROR: STANDARD ¼" PLATE GLASS MIRROR, BEVELED EDGE OR ALUMINUM/SS 'U' FRAME, 24"W X 60"H, WITH METAL MIRROR CLIPS SIMILAR TO CRL #MC01BN	OR APPROVED EQUAL. IN W+M LOCKER ROOMS
MIRROR-LAVATORY	LR-10	BOBRICK	#B294-1830	STAINLESS STL	SS	18X30 ADJUSTABLE MIRROR, , W/TYPE 304 SS FRAME, SATIN FINISH ¼" THICK GLASS; SEE DRAWINGS FOR MOUNT HEIGHT	OR APPROVED EQUAL. IN W+M LOCKER ROOMS AND EACH FAMILY CHANGING ROOM
GRAB BARS AT TOILET COMPARTMENTS		BOBRICK					OR APPROVED EQUAL. NOTE THAT SHOWER GRAB BARS AND FOLD-DOWN ARE SPECIFIED AS PART OF THE BEST BATH PRE-FAB SHOWER
WC HORIZONTAL BAR-REAR WALL	LR-11	BOBRICK	#B6806X36	STAINLESS STL	SS	1 ½" OD, TYPE 304 SS, 18 GA, 1.5" FROM WALL, SATIN, NON-PEENED, W/#252 MOUNT KIT (2 PER GRAB BAR) FOR STUD WALLS AND 2583/2586 THRU-PARTITION MOUNT KIT FOR TOILET PARTITIONS, AS NEEDED.	SAME
WC HORIZONTAL BAR-SIDE WALL	LR-12	BOBRICK	#B6806X42	STAINLESS STL	SS	1 ½" OD, TYPE 304 SS, 18 GA, 1.5" FROM WALL, SATIN, NON-PEENED, W/#252 MOUNT KIT (2 PER GRAB BAR) FOR STUD WALLS AND 2583/2586 THRU-PARTITION MOUNT KIT FOR TOILET PARTITIONS, AS NEEDED	SAME
WC VERTICAL BAR-SIDE WALL	LR-13	BOBRICK	#B6806X18	STAINLESS STL	SS	#B6806X18, 1 ½" OD, TYPE 304 SS, 18 GA, 1.5" FROM WALL, SATIN, NON-PEENED, W/#252 MOUNT KIT (2 PER GRAB BAR) FOR STUD WALLS AND 2583/2586 THRU-PARTITION MOUNT KIT FOR TOILET PARTITIONS, AS NEEDED	SAME
TOILET PAPER DISPENSOR	LR-14	BOBRICK	# B-4288	STAINLESS STL	SS	TOILET PAPER DISPENSOR; SURFACE MOUNT HOLDER WITH LOCK WITH ONE ACTIVE AND ONE INACTIVE ROLL THAT DROPS INTO PLACE AUTOMATICALLY, 18-8, 22 GA, TYPE 304 STAINLESS, SATIN FINISH	OR APPROVED EQUAL. IN EACH W+M LOCKER ROOM WC STALLS AND EACH FAMILY CHANGING ROOM AT WC
SHOWER GRAB BARS AND FOLD-DOWN SHOWER SEAT AND SOAP DISPENSOR AND ACCESSORIES	LR-15	BEST BATH	NA	NA	NA	NA	SHOWER GRAB BARS, FOLD-DOWN AND SOAP DISPENSOR ARE SPECIFIED AS PART OF THE BEST BATH PRE-FAB SHOWER PACKAGE AND SHALL BE PROVIDED THRU BEST BATH. THEY INCLUDE, DROP DOWN SHOWER SEAT, GRAB BARS, SOAP DISH, T-SHAPED RUBBERIZED WATER STOP AND VACUUM BREAKER AS NECESSARY-CONFIRM WITH PLUMBING SCHED. PROVIDE SEPARATE SHOWER CURTAIN AND HARDWARE; SEE LR-15.1. THIS IS NOT PART OF THE BEST BATH PACKAGE
SHOWER CURTAIN/ROD/HOOKS	LR-15.1	BOBRICK OR EQUAL	SEE DESCPTN	SEE DESCPTN	SEE DESCPTN	BOBRICK B204-3 70"W X 72"H .008 OPAQUE WHITE VINYL W/ANTIBACTERIAL AND FLAME RETARDANT COATING; BOBRICK 204-1 STAINLESS STEEL HOOKS (12) PER SHOWER CURTAIN BOBRICK 6107 X 60" (VIF/CONFIRM) SHOWER ROD, 18-8, TYPE 304 STAINLESS STL, 20 GA. 1" OD	B.O.D. IS BOBRICK BUT MAY BE OTHER MANUFTR SUBJECT TO SUBSTITUTION REQUIREMENTS. (1) EACH FOR M+W LOCKER ROOMS AND FAMILY CHANGING ROOMS
BABY CHANGING STATION	LR-16	BOBRICK/KOALA KARE	#KB200	POLYPROPYLENE	WHITE GRANITE 05	WALL-MOUNT	OR APPROVED EQUAL. IN W+M LOCKER ROOMS AND EACH FAMILY CHANGING ROOM
SWIMSUIT DRYER	LR-17	SUITMATE	NA	STAINLESS STL	SS/BLK	WALL-MOUNT SWIMSUITWATER EXTRACTOR, 115V, 304-SERIES, MEDICAL-GRADE STAINLESS STEEL, MANUAL SELF-START AND STOP VIA HAND PRESSURE ON THE LID, BUILT-IN GROUND FAULT CIRCUIT INTERRUPTER (GFCI) OR RESIDUAL CURRENT DEVICE (RCD), OPERATES WITHOUT HEAT • UL, CUL, AND CE SAFETY CERTIFICATIONS	OR APPROVED EQUAL. IN W+M LOCKER ROOMS
LOCKERS							
	LKR-1	BRADLEY		½" THICK HDPE W/ HOMOGENOUS COLOR AND MATTE FINISH 01/24/24 PLAN RVW	CHARCOAL GREY S-215, SUBJECT TO RECEIVING SAMPLE AS PART OF SUBMITTAL	LENOX LOCKER, SOLID HDPE PLASTIC LOCKER, 15"W X 36"H X 12"D, STANDARD DOOR, TWO-TIER LOCKER ~~(2 HIGH X7 = 14 TOTAL LOCKERS)~~ *(2 HIGH X4 = 8 TOTAL LOCKERS)* EACH LOCKER ROOM), (1) WALL HOOK PER LOCKER, NO COAT ROD, SLOPE TOP #LENOXSLOPETOP IN (2) 45" LENGTHS AND (1)15" LENGTH PLACED IN MIDDLE OF RUN, LOCKING MECHANISM IS T.B.D BY THE COUNTY DURING THE SUBMITTAL PROCESS. PROVIDE FINISHED END PANEL. ADA COMPLIANT LOCKER SHALL HAVE (1) INTERNAL CLOTHES HOOK MOUNTED 44" AFF; (1) SHELF INSTALLED 15" AFF; ADA COMPLIANT LOCKER HANDLE OPERATION; AND (1) ADA LOGO APPLIED ON LOCKER DOOR ABV LOCKER HANDLE.	OR APPROVED EQUAL. THIS IS A SUBMITTAL ITEM AND LOCKING OPTIONS ARE TO T.B.D. BY THE COUNTY DURING THE SUBMITTAL PROCESS GC SHALL PROVIDE 8" HIGH BASE UNDER THE LOCKERS CONSISTING OF 2X4 PONY/KNEE WALL FRAMING FASTENED TO THE CONCRETE SLAB WITH 2/1/2" PAF OR 3/8" DIAM L.S.+SHIELD, SPACED APPROX 16" OC. COVER FRAMING WITH ½" JH HARDI BACKER FOR INSTALLATION OF 8" HIGH EFB-2 PROVIDE SAMPLE OF FINISH AS PART OF SUBMITTAL
BENCHES							
LOCKER ROOMS	BN-1	BRADLEY	NA	SEE DECRIPTION	DEEP BLUE S-203, SUBJECT TO RECEIVING SAMPLE AS PART OF SUBMITTAL BLACK LEGS	LENOX LOCKER PEDESTAL BENCH; **12X72**; BENCH TOP. CONSTRUCTED OF 1.5" THICK HIGH DENSITY POLYETHYLENE (HDPE) WITH HOMOGENEOUS COLOR AND A MATTE FINISH TEXTURE. PEDESTAL: 17" BLACK ANODIZED ALUMINUM PEDESTAL WITH WELDED ALUMINUM FLANGES, ANCHORED TO FLOOR AND BENCH TOP WITH HARDWARE PROVIDED. 18.5" HEIGHT (ADA COMPLIANT). 20-YEAR WARRANTY AGAINST RUST, DELAMINATION OR BREAKAGE UNDER NORMAL USE	OR APPROVED EQUAL. PROVIDE SAMPLE OF FINISH AS PART OF SUBMITTAL
	BN-2	BRADLEY	NA	SEE DECRIPTION	DEEP BLUE S-203, SUBJECT TO RECEIVING SAMPLE AS PART OF SUBMITTAL BLACK LEGS	LENOX LOCKER PEDESTAL BENCH; **20X60 (CUSTOM WIDTH);** ADA/ANSI A117.1 COMPLIANT. BENCH TOP: CONSTRUCTED OF 1.5" THICK HIGH DENSITY POLYETHYLENE (HDPE) WITH HOMOGENEOUS COLOR AND A MATTE FINISH TEXTURE. PEDESTAL: 17" BLACK ANODIZED ALUMINUM PEDESTAL WITH WELDED ALUMINUM FLANGES, ANCHORED TO FLOOR AND BENCH TOP WITH HARDWARE PROVIDED. 18.5" HEIGHT (ADA COMPLIANT). 20-YEAR WARRANTY AGAINST RUST, DELAMINATION OR BREAKAGE UNDER NORMAL USE	OR APPROVED EQUAL. PROVIDE SAMPLE OF FINISH AS PART OF SUBMITTAL
SHOWER CHANGING AREA	BN-3	BRADLEY	NA	SEE DECRIPTION	DEEP BLUE S-203, SUBJECT TO RECEIVING SAMPLE AS PART OF SUBMITTAL BLACK LEGS	LENOX LOCKER PEDESTAL BENCH; **20X48 (CUSTOM WIDTH);** ADA/ANSI A117.1 COMPLIANT. BENCH TOP: CONSTRUCTED OF 1.5" THICK HIGH DENSITY POLYETHYLENE (HDPE) WITH HOMOGENEOUS COLOR AND A MATTE FINISH TEXTURE. PEDESTAL: 17" BLACK ANODIZED ALUMINUM PEDESTAL WITH WELDED ALUMINUM FLANGES, ANCHORED TO FLOOR AND BENCH TOP WITH HARDWARE PROVIDED. 18.5" HEIGHT (ADA COMPLIANT). 20-YEAR WARRANTY AGAINST RUST, DELAMINATION OR BREAKAGE UNDER NORMAL USE	OR APPROVED EQUAL. PROVIDE SAMPLE OF FINISH AS PART OF SUBMITTAL
FAMILY ROOM	BN-4	BRADLEY	NA	SEE DECRIPTION	DEEP BLUE S-203, SUBJECT TO RECEIVING SAMPLE AS PART OF SUBMITTAL BLACK LEGS	LENOX LOCKER PEDESTAL BENCH; **20X30 (CUSTOM WIDTH AND LENGTH);** ADA/ANSI A117.1 COMPLIANT. BENCH TOP: CONSTRUCTED OF 1.5" THICK HIGH DENSITY POLYETHYLENE (HDPE) WITH HOMOGENEOUS COLOR AND A MATTE FINISH TEXTURE. PEDESTAL: 17" BLACK ANODIZED ALUMINUM PEDESTAL WITH WELDED ALUMINUM FLANGES, ANCHORED TO FLOOR AND BENCH TOP WITH HARDWARE PROVIDED. 18.5" HEIGHT (ADA COMPLIANT). 20-YEAR WARRANTY AGAINST RUST, DELAMINATION OR BREAKAGE UNDER NORMAL USE	OR APPROVED EQUAL. PROVIDE SAMPLE OF FINISH AS PART OF SUBMITTAL
FAMILY ROOM CTOPS							
	~~CTOP-3:~~	~~BRADLEY OR APPROVED EQUAL SUBJECT TO SUBMITTAL REQUIREMENTS AND CONDITIONS AND AS NOTED IN THE 22 42 16.04 SPEC # 2.1, C.~~	~~BRADLEY OR APPROVED EQUAL SUBJECT TO SUBMITTAL REQUIREMENTS~~	~~TERREON SOLID SURFACE MATERIAL~~	~~DESIGNER WHITE~~ ~~POLISHED CHROME FITTINGS~~	~~LD-3010 OMNIDECK SERIES CTOP WITH LAV AND WASTE RECEPTACLE PER THE DRAWINGS. CTOP LENGTH IS CUSTOM; SINK BOWL IS #WB-TR1, QTY (1) WITH MOUNTING BRACKET (IN CONFORMANCE WITH ANSI A117.1 KNEE CLEARANCES), 9" SQUARE #SW WASTE OPENING; WASTE RECEPTACLE #WR-377-363700 21 GAL CAP OR AS OTHERWISE SPECIFIED/NOTED IN OTHER SCHEDULES; CUSTOM BOWL PLACEMENT, #EE EASED EDGE; #BS BACKSPLASH, 3" HIGH; #FA FRONT APRON, 3" HEIGHT.~~ ~~PLUMBING COMPONENTS: FAUCET #S53-3300 VERGE METRO, POL CHROME,#AC POWER FAUCET SUPPLY , S6-3300 VERGE METRO DECK-MOUNT SOAP DISPENSOR WITH TOUCH-FREE ACTIVATION, LIQUID SOAP, SINGLE-FILL TOP SPOUT, POL CHROME FINISH, #AC POWER SOAP POWER SUPPLY; MOUNT-TYPE #BRKT; SWING-DOWN STAINLESS STEEL ACCESS PANEL #STAIN, DR-1 TRENCH DRAIN CAP, T-THERMOSTATIC MIXING ASSEMBLY, 0.50 GPM FLOW, WITH 1 ½" TAILPIECE~~	~~THIS IS A SUBMITTAL ITEM AND REQUIRES A SHOP DRAWING AS PART OF THE SUBMITTAL. THE BOD IS BRADLEY TERREON SINGLE BOWL EXTENDED COUNTERTOP WITH A WASTE RECEPTACLE CUT OUT, SINK BOWL, FAUCET, EXPOSED AND DRESSED EDGE, UNDER-SINK ACCESS PANEL/SHROUD AND WALL SUPPORT AT THE SIDE NEAR THE SHOWER. NOTE THAT THE CTOP IS CONTINUOUS FROM INSIDE CORNER TO WITH IN 3" OF THE SHOWER OPENING. THIS IS A SIDE-APPROACH SHOWER AND THE CTOP MAY PROJECT INTO THE REQUIRED SPACE BUT MUST HAVE A MINIMUM OF 27" CLEAR BELOW (WITH THE CTOP TOP SET AT 34") AND THE KNEE CLEARANCES REQUIRED FOR A STD LAV. A 'BOOMERANG' SHAPED SUPPORT BRACKET IS ACCEPTABLE IF IT CONFORMS WITH KNEE CLEARANCE REQUIREMENTS.~~ ~~SEE PLUMBING SCHEDULE FOR ADDITIONAL INFORMATION~~ ~~SEE 1/A806 FOR BOD LAYOUT DRAWING. SET CTOP HEIGHT AT 34" AFF~~ ~~PROVIDE SAMPLE OF FINISH AS PART OF SUBMITTAL~~
MENS AND WOMENS LAVS: THIS IS SPECIFIED HERE FOR CONVENIENCE, RATHER THAN ON PLUMBING SCHEDULE, SINCE IT IS A STANDARD VERSION OF THE CUSTOM CTOP+LAV CONFIGURATION NOTED FOR THE FAMILY ROOMS							
	~~CTOP-4~~	~~BRADLEY OR APPROVED EQUAL SUBJECT TO SUBMITTAL REQUIREMENTS AND CONDITIONS AND AS NOTED IN THE 22 42 16.04 SPEC # 2.1, C.~~	~~BRADLEY OR APPROVED EQUAL SUBJECT TO SUBMITTAL REQUIREMENTS~~	~~TERREON SOLID SURFACE MATERIAL~~	~~DESIGNER WHITE~~ ~~POLISHED CHROME FITTINGS~~	~~LD-3010 OMNIDECK SERIES INTEGRAL SINK BOWL AND CTOP. CTOP LENGTH IS 30"; SINK BOWL IS #WB-TR1, QTY (1) WITH MOUNTING BRACKET (IN CONFORMANCE WITH ANSI A117.1 KNEE CLEARANCES); #EE EASED EDGE; #BS BACKSPLASH, 3" HIGH; #FA FRONT APRON, 3" HEIGHT.~~ ~~PLUMBING COMPONENTS: FAUCET #S53-3300 VERGE METRO,POL CHROME,#AC POWER FAUCET SUPPLY , S6-3300 VERGE METRO DECK-MOUNT SOAP DISPENSOR WITH TOUCH-FREE ACTIVATION, LIQUID SOAP, SINGLE-FILL TOP SPOUT, POL CHROME FINISH, #AC POWER SOAP POWER SUPPLY; MOUNT-TYPE #BRKT; SWING-DOWN STAINLESS STEEL ACCESS PANEL #STAIN, DR-1 TRENCH DRAIN CAP, T-THERMOSTATIC MIXING ASSEMBLY, 0.50 GPM FLOW, WITH 1 ½" TAILPIECE~~	~~THIS IS A SUBMITTAL ITEM AND MAY HAVE BUT DOES NOT REQUIRE A SHOP DRAWING AS PART OF THE SUBMITTAL. THE BOD IS BRADLEY TERREON SINGLE BOWL STANDARD 30" LAVATORY WITH SINK BOWL, FAUCET, EXPOSED AND DRESSED EDGE, UNDER-SINK ACCESS PANEL/SHROUD AND WALL SUPPORT(S).~~ ~~SEE PLUMBING SCHEDULE FOR ADDITIONAL INFORMATION ON PIPING, ETC.~~ ~~SET CTOP HEIGHT AT 34" AFF~~ ~~PROVIDE SAMPLE OF FINISH AS PART OF SUBMITTAL~~

EXTERIOR FURNISHINGS SCHEDULE

PRODUCT	MK	MANUFACTURER	MODEL #	MAT'L	COLOR/FINISH	DESCRIPTION	REMARKS
EXTERIOR BENCHES	EF-1	BELSON OUTDOORS	#942S-VR6	SEE DESCRIPTN	BLUE SEAT AND BLACK LEGS	FLAT PARK BENCH, SURFACE-MOUNT, EXPANDED STEEL ROLLED-EDGE SEAT WITH METAL LEGS, COMPONENTS SEALED WITH IMPACT RESISTANT, UV STABILIZED POLYETHYLENE FINISH	OR APPROVED EQUAL. SUBMITTAL REQUIRED. THESE ARE LOCATED ON THE SE CORNER EXTERIOR. (3) TOTAL
BENCHES INSIDE ENTRY	EF-1.1	BELSON OUTDOORS	#942S-VR6	SEE DESCRIPTN	BLACK SEAT AND DARK GREY LEGS	FLAT PARK BENCH, SURFACE-MOUNT, EXPANDED STEEL ROLLED-EDGE SEAT WITH METAL LEGS, COMPONENTS SEALED WITH IMPACT RESISTANT, UV STABILIZED POLYETHYLENE FINISH	OR APPROVED EQUAL. SUBMITTAL REQUIRED. THESE ARE LOCATED INSIDE THE ENTRY AREA. (2) TOTAL
~~ENTRY BOLLARDS~~ *DELETE*	~~BL-1~~	~~CON STRN STD~~		~~PRE-FINISHED CARBON STEEL~~	~~GREY OR SILVER~~	~~PAD LOCKOCKABLE, REMOVABLE 3" ID, 36" TALL, .120" WALL THICKNESS, LIGHT-DUTY, FLAT TOP BOLLARD WITH CARBON STEEL OR STAINLESS FLUSH-MOUNT EMBEDMENT SLEEVE WITH FLIP-UP LID TO ALLOW PADLOCK LOCKING OF BOLLARD. SLEEVE SHALL BE CAPABLE OF BEING SET INTO CONCRETE SLAB.~~	~~QTY (2) FOR ENTRY CONTROL~~

SIGNAGE SCHEDULE

PRODUCT	MK	MANUFACTURER	MODEL #	MAT'L	COLOR/FINISH	DESCRIPTION	REMARKS
GENDERED LOCKER ROOMS	SN-1				SEE DECRIPTN	TEXT: "MEN'S LOCKER ROOM" OR "WOMEN'S LOCKER ROOM" GENDERED LOCKER ROOM SIGN WITH THE UNIVERSAL HUMAN FIGURE AND THE TEXT ABOVE IN WHITE CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT CAPS ON DARK GREY BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON DOOR SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 12"W X 16"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE
FAMILY LOCKER ROOMS	SN-2				SEE DECRIPTN	TEXT: "FAMILY CHANGING ROOM" SIGN WITH UNIVERSAL MEN/WOMAN/CHILDREN PICTOGRAPH AND THE TEXT ABOVE IN WHITE CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT CAPS ON DARK GREY BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON DOOR SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 10"W X 14"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE
RECEPTION	SN-3					TEXT: "RECEPTION AND CHECK IN" WALL-MOUNTED SIGN, MOUNTED BELOW CTOP ON WALL. ONE LINE OF LETTERS, 6" HIGH, ARIAL OR HELVETICA, DARK GREY LETTERS ON WHITE BACKGROUND	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE
RECEPTION	SN-4					ADA REQUIRED SIGN SHALL BE MOUNTED IMMEDIATELY TO THE EAST OF THE OPEN OFFICE WALL: THE SAME TEXT ABOVE IN WHITE CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT CAPS ON DARK GREY BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON DOOR SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 10"W X 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
POOL ACCESS	SN-5					TEXT: " ACCESS TO POOL" WITH ARROW POINTING UP; MOUNTED ON BEAM ABOVE ENTRY TO POOL ONE LINE OF LETTERS, 3.5" HIGH, ARIAL OR HELVETICA, DARK GREY LETTERS ON WHITE BACKGROUND WITH ARROW POINTING UP AT THE BEGINNING OF THE LINE. SIGN SIZE APPROXIMATELY 30"W X 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE
POOL ACCESS	SN-6					TEXT: "TO LOCKER ROOMS" WITH ARROW POINTING LEFT; MOUNTED ON BEAM ABOVE ENTRY TO POOL ONE LINE OF LETTERS, 3.5" HIGH, ARIAL OR HELVETICA, DARK GREY LETTERS ON WHITE BACKGROUND WITH ARROW POINTING LEFT AT THE BEGINNING OF THE LINE. SIGN SIZE APPROXIMATELY 30"W X 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE
POOL ACCESS	SN-7					TEXT: "EXIT FROM POOL" WITH ARROW POINTING UP; MOUNTED ON EXTERIOR BEAM ABOVE ENTRY TO POOL ONE LINE OF LETTERS, 3.5" HIGH, ARIAL OR HELVETICA, DARK GREY LETTERS ON WHITE BACKGROUND WITH ARROW POINTING UP AT THE BEGINNING OF THE LINE. SIGN SIZE APPROXIMATELY 30"W X 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE
POOL ACCESS	SN-8					TEXT: "TO CLASSROOM" WITH ARROW POINTING RIGHT; MOUNTED ON BEAM ABOVE ENTRY TO POOL ONE LINE OF LETTERS, 3.5" HIGH, ARIAL OR HELVETICA, DARK GREY LETTERS ON WHITE BACKGROUND WITH ARROW POINTING RIGHT AT THE BEGINNING OF THE LINE. SIGN SIZE APPROXIMATELY 30"W X 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE
POOL ACCESS	SN-9					ADA REQUIRED SIGN SHALL BE MOUNTED TO THE WALL WEST OF THE FACILITIES STORAGE DOOR AND SHALL INCORPORATE THE DIRECTIONAL SIGNAGE TEXT AND GRAPHICS OF SN-5,SN-6 AND SN-8 ON ONE SIGN, INCLUDING THE NOTED ARROWS. THE TEXT SHALL BE WHITE CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT CAPS ON DARK GREY BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON WALL SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY: T.B.D BY SUPPLIER TO ACCOMMODATE TEXT	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
PARKS AND RECREATION OFFICE	SN-10					TEXT: "PARKS AND RECREATION OFFICE" THE TEXT NOTED ABOVE IN WHITE CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT, CAPS ON DARK GREY BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON WALL BESIDE OR ON DOORS (WHEN SOLID CORE WITHOUT LIGHTS) SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 8"WX 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
OPEN OFFICE	SN-11					TEXT: "OFFICE" THE TEXT NOTED ABOVE IN WHITE CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT, CAPS ON DARK GREY BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON WALL BESIDE OR ON DOORS (WHEN SOLID CORE WITHOUT LIGHTS) SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 8"WX 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING

THIS SHEET CONTAINS REVISONS FOR REBID. IN ORDER TO ALIGN GRAPHICS WITH CHANGES IN THE TEXT-DRIVEN PROJECT MANUAL, REVISIONS ON TEXT WITHIN THE DRAWINGS ARE SHOWN IN STRIKE-THRU AND NEW TEXT IS SHOWN IN ITALICS. INDIVIDUAL TEXT REVISIONS ARE NOT CLOUDED.

COMMONWEALTH OF VIRGINIA NORMAN KEFAUVER SMITH No. 011462 ARCHITECT

No.	Date	Revision Notes	Zone	Appr
	3/29/2024	REBID REVISIONS IN ITALIC		

No.	Date	Issue Notes
3	1/24/2024	PLAN REVIEW COMMENT RESPONSE
	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION

Date: 12/6/2023
Revision: Revision
Project ID: 23703;culpeper
Drawing Code: Drawing Code
CAD File Name:
Plot Date: 00/00/00
Designed By / Drawn By / Checked By / Reviewed By / Submitted By / Project Manager

Design Firm
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Consultant

Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
MISCELLANEOUS ITEMS SCHEDULE

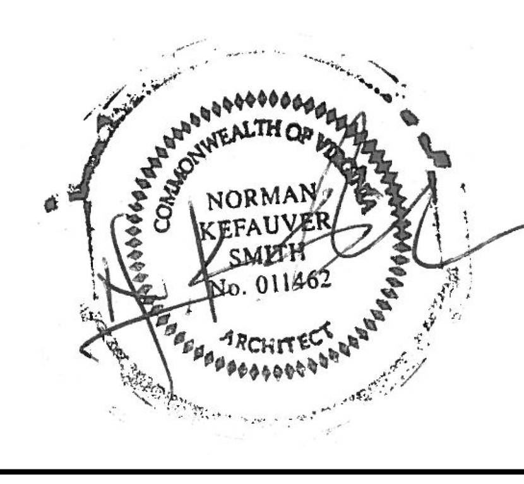
Scale

Sheet No.
A933
of

C:\Arch Projects\23703 Culpeper\23703-scheds\23703-MISC FURNISH, FTG, EQUIP AND TOILET ACCESS SCHED-REBID-031524.docx

CLASSROOM	SN-12					TEXT: "CLASSROOM" THE TEXT NOTED ABOVE IN WHITE CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT, CAPS ON DARK GREY BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON WALL BESIDE OR ON DOORS (WHEN SOLID CORE WITHOUT LIGHTS) SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 8"WX 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
CONCESSION	SN-13					TEXT: "CONCESSION KITCHEN" THE TEXT NOTED ABOVE IN WHITE CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT, CAPS ON DARK GREY BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON WALL BESIDE OR ON DOORS (WHEN SOLID CORE WITHOUT LIGHTS) SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 8"WX 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
CONCESSION STORAGE	SN-14					TEXT: "CONCESSION KITCHEN STORAGE; (1) SIGN MOUNTED ON EAST EXTERIOR WALL TO RIGHT OF DOOR THE TEXT NOTED ABOVE IN WHITE CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT, CAPS ON DARK GREY BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON WALL BESIDE OR ON DOORS (WHEN SOLID CORE WITHOUT LIGHTS) SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 8"WX 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
FILTER ROOM	SN-15					TEXT: "FILTER ROOM; 2 SIGNS; (1) MOUNTED ON EAST EXTERIOR WALL TO RIGHT OF DOOR AND (1) MOUNTED ON WEST EXTERIOR DOOR TO LEFT OF DOOR THE TEXT NOTED ABOVE IN WHITE CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT, CAPS ON DARK GREY BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON WALL BESIDE OR ON DOORS (WHEN SOLID CORE WITHOUT LIGHTS) SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 8"WX 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
CONCESSION-PUBLIC FACING-ADA SIGNS	SN-16					TEXT: "CONCESSIONS" ADA REQUIRED SIGN THE TEXT NOTED ABOVE IN WHITE CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT, CAPS ON DARK GREY BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON WALL BESIDE CONCESSION WINDOWS SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 8"WX 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
CONCESSION-PUBLIC FACING-NON-ADA SIGNS	SN-17					TEXT: "CONCESSIONS" ONE LINE OF LETTERS, 3.5" HIGH, ARIAL OR HELVETICA, DARK GREY LETTERS ON WHITE BACKGROUND. SIGN SIZE APPROXIMATELY 30"W X 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE (1) SIGN EACH ON EAST AND WEST SIDE WALLS
BUILDING SIGNAGE	SN-18					TEXT: "CULPEPER COUNTY AQUATICS FACILITY"	TBD: ALLOWANCE: ASSUME APPROXIMATELY 6" HIGH INDIVIDUAL LETTERS INSTALLED ON THE BEAM CLADDING ON BOTHE SOUTH AND EST SIDES AS SHOWN
JAN CLST	SN-19					TEXT: "JANITOR'S CLOSET" THE TEXT NOTED ABOVE IN WHITE CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT, CAPS ON DARK GREY BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON WALL BESIDE OR ON DOORS (WHEN SOLID CORE WITHOUT LIGHTS) SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 8"WX 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
WTR SERV	SN-20					TEXT: "WATER SERVICE ROOM" THE TEXT NOTED ABOVE IN WHITE CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT, CAPS ON DARK GREY BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON WALL BESIDE OR ON DOORS (WHEN SOLID CORE WITHOUT LIGHTS) SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 8"WX 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
POOL SIGNAGE	NA					SEE AP DRAWINGS AND SPECIFICATIONS. PROVIDE ALL REQUIRED POOL SIGNAGE PER THE 2018 VA SPSC, VA DOH REGULATIONS AND AHJ REQUIREMENTS	
EMERGENCY PHONE	SN-21					TEXT: "EMERGENCY 911 TELEPHONE" THE TEXT NOTED ABOVE IN RED CAPITAL LETTERS, MIN 1" H, ARIAL OR HELVETICA FONT, CAPS ON WHITE BACKGROUND, AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON WALL BESIDE OR ON DOORS (WHEN SOLID CORE WITHOUT LIGHTS) SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 8"WX 12"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
AED SIGN	NA					TOP BE PROVIDED BY COUNTY AS PART OF SEPARATE AED EQUIPMENT	
MAX OCCUPANT LOAD	SN-22					TEXT: "MAXIMUM OCCUPANT LOAD OF THIS AQUATIC FACILITY IS LIMITED TO 250 PERSONS" LETTERS, 3.5" HIGH, ARIAL OR HELVETICA, DARK GREY LETTERS ON WHITE BACKGROUND AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON EAST WALL BETWEEN GATE AND CORNER, FACING INTO THE ENTRY SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 8"WX 12"H SIGN SIZE APPROXIMATELY16" W X 18"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING SIGNAGE SHALL ALSO BE IN CONFORMANCE WITH 2018 VCC §1004 AND THE REQUIREMENTS OF CULPEPER COUNTY CBO
MAIN EGRESS GATES	SN-23					TEXT: "THESE GATES SHALL REMAIN UNLOCKED AT ALL TIMES DURING OCCUPANCY OF ANY PORTION OF THE POOL FACILITY OR THIS BUILDING" LETTERS, 3.5" HIGH, ARIAL OR HELVETICA, DARK GREY LETTERS ON WHITE BACKGROUND AND WITH BRAILLE DESIGNATION UNDER THE WORDS. MOUNT ON SOUTH WALL BETWEEN GATE AND CORNER, FACING INTO THE ENTRY SO THAT BRAILLE TEXT LINE IS LOCATED 59" AFF (THE REMAINDER OF THE SIGN WILL BE ABOVE THIS POINT); SIGN SIZE APPROXIMATELY 8"WX 12"H SIGN SIZE APPROXIMATELY16"W X 18"H	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
SOUTH PEDESTRIAN EGRESS GATE	SN-24					TEXT: "EMERGENCY EXIT ONLY: THIS GATE SHALL REMAINED CLOSED AT ALL TIMES" 2" HIGH RED OR BLACK LETTERS ON WHITE BACKGROUND AND WITH BRAILLE DESIGNATION UNDER THE WORDS. ATTACH TO FENCE GATE OR TO FENCE ON LATCH SIDE OF GATE WITH BOLTS WITH N+W OR SIMILAR TO MAKE SIGN PERMANENT. SIZE APPROXIMATELY: T.B.D BY SUPPLIER TO ACCOMMODATE TEXT	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
EAST VEHICULAR GATE	SN-25					TEXT: "NO PARKING AT ANY TIME THESE GATES ARE FOR EMERGENCY ACCESS AND SHALL REMAIN LOCKED" 2" HIGH RED OR BLACK LETTERS ON WHITE BACKGROUND ALUMINUM OR PLASTIC MATERIAL IS ACCEPTABLE. ATTACH TO FENCE GATE WITH BOLTS WITH N+W OR SIMILAR TO MAKE SIGN PERMANENT. SIZE APPROXIMATELY: T.B.D BY SUPPLIER TO ACCOMMODATE TEXT	SUBMITTAL AND SHOP DRAWING IS REQUIRED. ALL EXTERIOR SIGNS OR SIGNS IN UNCONDITIONED SPACES SHALL BE CONSTRUCTED OF MATERIALS AND MOUNTED WITH FASTENER/ADHESIVE INTENDED FOR EXTERIOR USE WALL-MOUNTED SIGNS FOR DOORS SHALL BE MOUNTED ON THE LATCH SIDE OF THE DOOR OR, IF INSUFFICIENT SPACE, ON THE NEAREST ADJACENT WALL AND SHALL HAVE A CLEAR FLOOR SPACE OF 18"X18" IN FRONT OF THE SIGN AND OUTSIDE ANY DOOR SWING
CONCESSION HANDWASH SINK AND STAFF BATH	SN-26					TEXT: "EMPLOYEES MUST WASH HANDS BEFORE RETURNING TO WORK" 9X3 SIGN WHITE LETTERS ON BLACK BACKGROUND, CONSTRUCTION STANDARD FROM WEBSTAURANT OR SIMILAR	WALL MOUNT. LOCATE IN CONCESSION AND STAFF BATH
CONCESSION HANDWASH SINK	SN-27					TEXT: "HAND WASH ONLY" 9X3 SIGN WHITE LETTERS ON BLACK BACKGROUND, CONSTRUCTION STANDARD FROM WEBSTAURANT OR SIMILAR	WALL MOUNT. LOCATE NEAR HANDWASH SINK

THIS SHEET CONTAINS REVISONS FOR REBID. IN ORDER TO ALIGN GRAPHICS WITH CHANGES IN THE TEXT-DRIVEN PROJECT MANUAL, REVISIONS ON TEXT WITHIN THE DRAWINGS ARE SHOWN IN STRIKE-THRU AND NEW TEXT IS SHOWN IN ITALICS. INDIVIDUAL TEXT REVISIONS ARE NOT CLOUDED.



No.	Date	Revision Notes	Zone	Appr

No.	Date	Issue Notes
	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION
1	10/19/2023	client review

Designed By:
Drawn By:
Checked By:
Reviewed By:
Submitted By:
Project Manager:

Date: 12/6/2023
Revision: Revision
Project ID: 23703;culpeper
Drawing Code: Drawing Code
CAD File Name:
Plot Date: 00/00/00

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Consultant

Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
MISCELLANEOUS ITEMS SCHEDULE

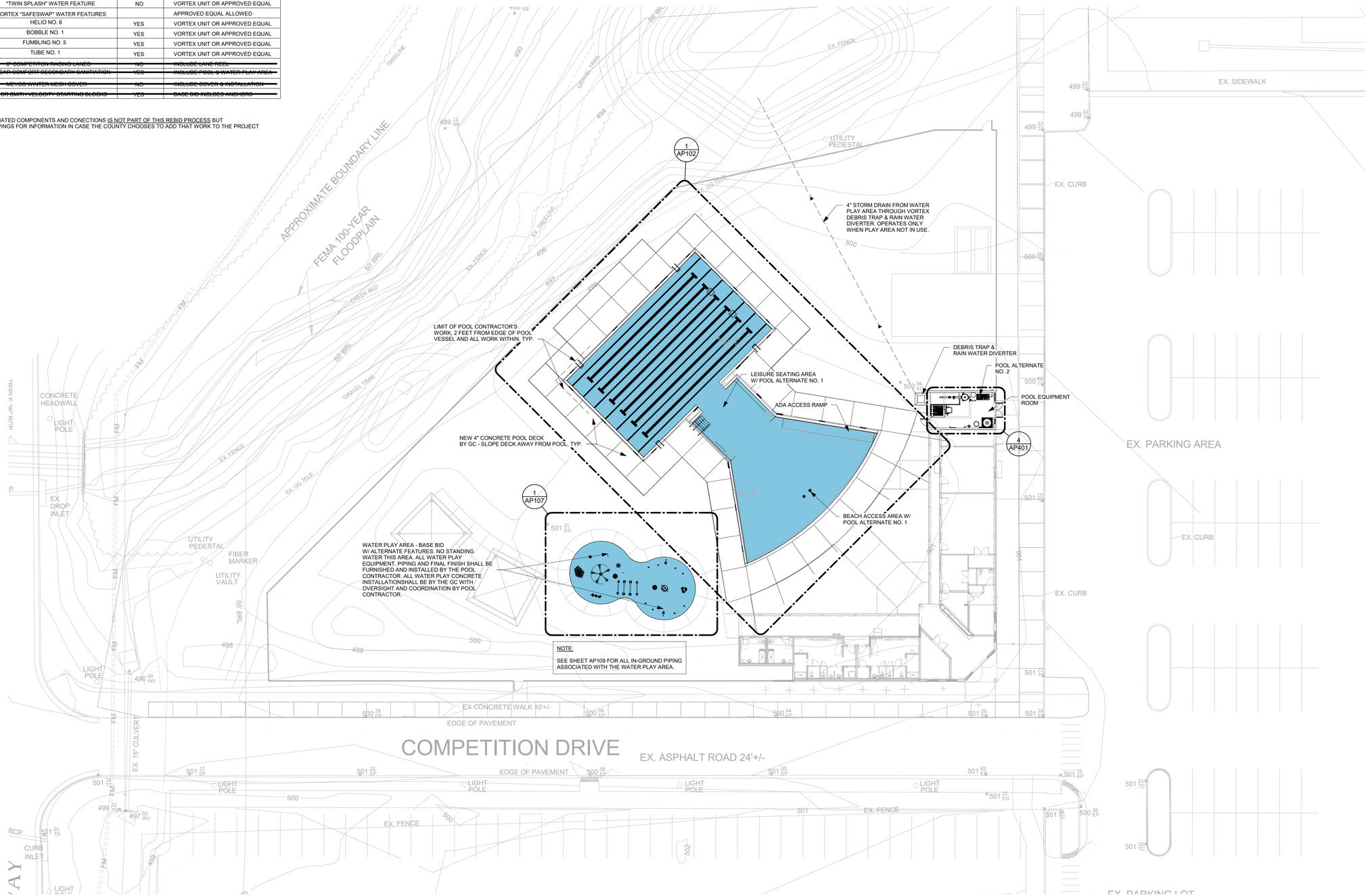
Scale

Sheet No.
A934
of

SWIMMING POOL ALTERNATES

ALTERNATE NO.	TYPE	PRODUCT	UNIT PRICE	
POOL ALT. NO. 1	ADD	"TWIN SPLASH" WATER FEATURE	NO	VORTEX UNIT OR APPROVED EQUAL
POOL ALT. NO. 2	BASE BID	VORTEX "SAFESWAP" WATER FEATURES		APPROVED EQUAL ALLOWED
WATER FEATURE	1	HELIO NO. 6	YES	VORTEX UNIT OR APPROVED EQUAL
WATER FEATURE	1	BOBBLE NO. 1	YES	VORTEX UNIT OR APPROVED EQUAL
WATER FEATURE	1	FUMBLING NO. 5	YES	VORTEX UNIT OR APPROVED EQUAL
WATER FEATURE	2	TUBE NO. 1	YES	VORTEX UNIT OR APPROVED EQUAL
~~POOL ALT. NO. 5~~	~~ADD~~	~~9" COMPETITION RACING LANES~~	~~NO~~	~~INCLUDE LANE REEL~~
~~POOL ALT. NO. 6~~	~~ADD~~	~~CLEAR SOMFY SAT-SECONDARY SANITATION~~	~~YES~~	~~INCLUDE POOL & WATER PLAY AREA~~
~~POOL ALT. NO. 7~~	~~ADD~~	~~MEYCO WINTER MESH COVER~~	~~NO~~	~~INCLUDE COVER & INSTALLATION~~
~~POOL ALT. NO. 8~~	~~ADD~~	~~6 OR SMITH VELOCITY STARTING BLOCKS~~	~~YES~~	~~BASE BID INCLUDES ANCHORS~~

NOTE:
THE POOL HEATER AND ASOCIATED COMPONENTS AND CONECTIONS IS NOT PART OF THIS REBID PROCESS BUT HAS BEEN LEFT ON THE DRAWINGS FOR INFORMATION IN CASE THE COUNTY CHOOSES TO ADD THAT WORK TO THE PROJECT AT A LATER DATE.



1 **SITE PLAN**
1" = 20'-0"

DRAWINGS ARE DESIGN & DIAGRAMMATIC IN NATURE. CONTRACTOR TO VERIFY ALL EXISTING AND FIELD CONDITIONS PRIOR TO COMMENCING WITH CONSTRUCTION. NOTIFY ARCHITECT OF ANY VARIANCE BETWEEN ACTUAL AND DRAWN CONDITIONS.

No.	Date	Revision Notes	Zone	Appr
1	3/29/2024	REBID REVISIONS CLOUDED		
		RELEASE FOR BID PERMIT SUBMISSION		

No.	Date	Issue Notes
2	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION

Designed By | Date
Drawn By | Revision
Checked By | Project # 23703.culpeper
Approved By | Drawing Code
Submitted By | CAD File Name 23703-sd-main-r2-082223
Project Manager | Plot Date 00/00/00

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Culpeper County
Community Pool Project
16536 Commonwealth Drive
Culpeper, VA

Sheet Title: SITE PLAN

Scale

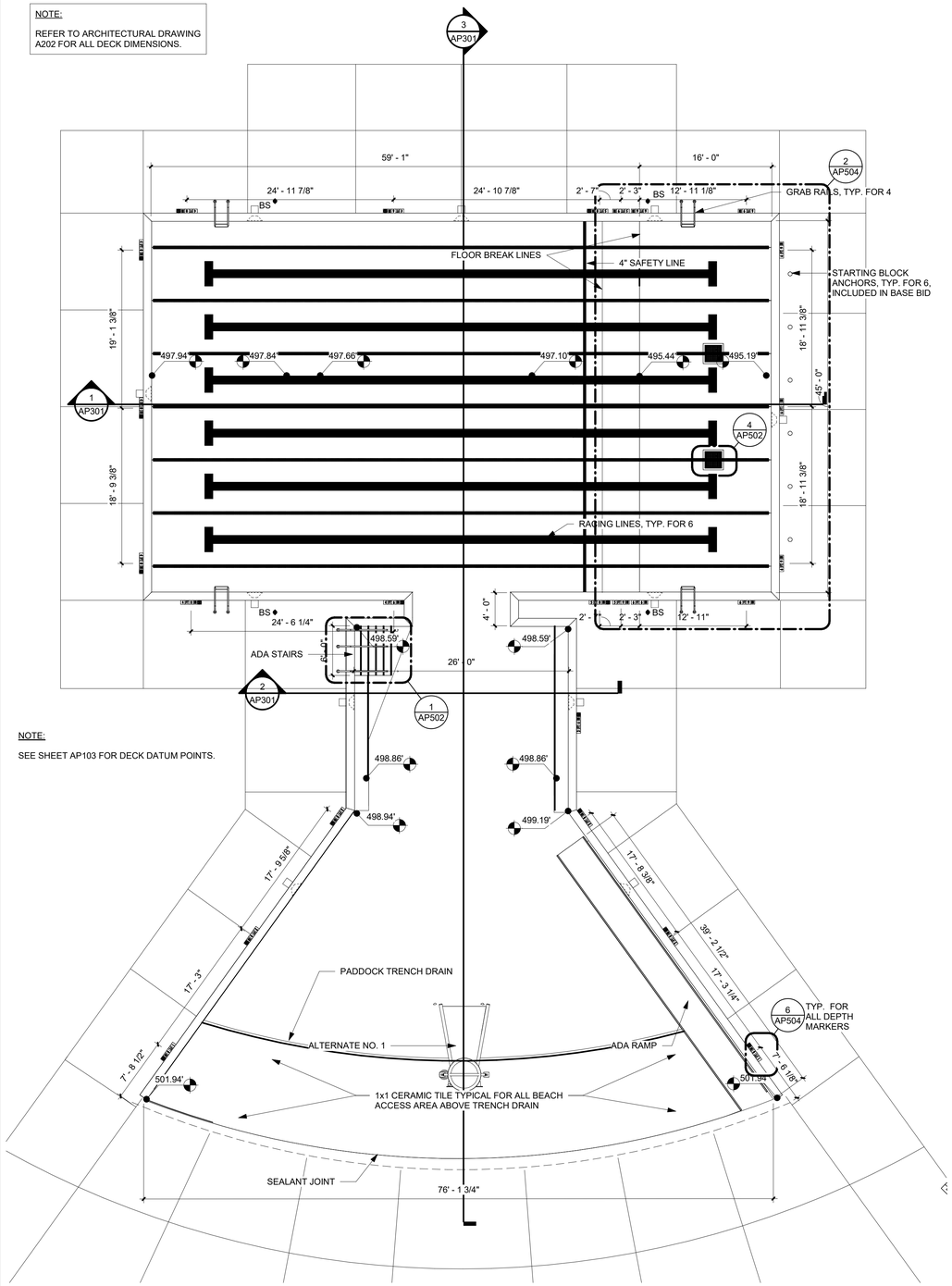
Sheet No.: AP101

03/29/24 REBID ENTIRE SHEET

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT

NOTE:

REFER TO ARCHITECTURAL DRAWING A202 FOR ALL DECK DIMENSIONS.



NOTE:

SEE SHEET AP103 FOR DECK DATUM POINTS.

1 **POOL PLAN**
1/8" = 1'-0"

POOL DECK EQUIPMENT SCHEDULE

Contractor shall verify and provide quantities with the drawings and specifications for a complete functioning facility. Catalog number shown is for first manufacturer/ supplier listed.

ITEM	MANUFACTURER/ SUPPLIER	CATALOG NUMBER	QUANTITY	REMARKS
4" CUSTOM LENGTH LANE LINE	RECREONICS, SPECTRUM OR EQUAL	14-354	5	FIELD VERIFY LENGTH REQUIRED, 4." DIA. DISCS, COLORS TO BE DETERMINED. INCLUDE REQUIRED HARWARE FOR COMPLETE INSTALLATION
ALGAE BRUSH	RECREONICS, SPECTRUM OR EQUAL	10-175	2	18" STAINLESS STEEL BRUSH. INCLUDE POOL HANGERS
ALL PURPOSE BRUSH	RECREONICS, SPECTRUM OR EQUAL	10-177	2	BLACK BRISTLES, 5'-0" HANDLE. INCLUDE POOL HANGERS
ALUMINUM TELESCOPING HANDLE	RECREONICS, SPECTRUM OR EQUAL	10-334	2	RANGE FROM 16'-0" TO 32'-0"
AUTOMATIC POOL CLEANER	DOLPHIN, OR EQUAL	-	1	WAVE 100. INCLUDE WIRELESS REMOTE CONTROL
BRONZE ANCHOR SOCKET	RECREONICS, SPECTRUM OR EQUAL	44-300	VERIFY	ACCOMODATES 1.90" OD TUBING. INCLUDE BRONZE WEDGE, WASHER, BOLT AND 1/4-20 UNC GROUNDING BOLT
COMMERCIAL HOSE REEL	LIBERTY GARDEN PRODUCTS, OR EQUAL	870	1	HOLDS 300'-0" (5/8" I.D.)
ESCUTCHEON PLATE	RECREONICS, SPECTRUM OR EQUAL	44-313	VERIFY	MATCH HANDRAIL FINISH
FIREMAN TYPE BRASS NOZZLE	LINCOLN, SPECTRUM OR EQUAL	32-080	1	CONCENTRATED STREAM
FLAT SHEET SPRAY NOZZLE	LINCOLN, SPECTRUM OR EQUAL	32-075	1	40 DEGREE ANGLE, 10 GPM @ 40 PSI
HEAVY DUTY WATER HOSE	LINCOLN, SPECTRUM OR EQUAL	32-105	1	3/4" I.D., 50'-0" LONG
INDESTRUCTIBLE SQUEEGEE	RECREONICS, SPECTRUM OR EQUAL	10-188, 10-189	2	(1) 36" BLADE AND (1) 24" BLADE
LANE LINE CPB CUP ANCHOR WITH CROSS BAR	RECREONICS, SPECTRUM OR EQUAL	14-502	14	-
POOL THERMOMETER	RECREONICS, SPECTRUM OR EQUAL	56-112	1	-
RACING LANE STORAGE REEL	RECREONICS, SPECTRUM OR EQUAL	14-367	1	PROVIDE COVER
RECYCLED PLASTIC LIFEGUARD CHAIR	RECREONICS, SPECTRUM OR EQUAL	42-636	2	50" HEIGHT FROM SEAT TO DECK. INCLUDE UNIVERSAL WHEEL KIT 42-800 FOR EACH CHAIR
SAFETY LINE KIT	RECREONICS, SPECTRUM OR EQUAL	14-438 BW, 14-381	4	(2) 28' LENGTH, (2) 42' LENGTH, HANDI-LOCK FLOATS AT 5'-0" OC
STANDARD POLE HANGERS	RECREONICS, SPECTRUM OR EQUAL	10-355	1 PAIR	EACH PAIR TO HOLD (2) POLES
WATER SHUTOFF PETCOCK	LINCOLN, SPECTRUM OR EQUAL	32-085	1	BRASS. TO FIT 3/4" HEAVY DUTY HOSE

POOL SAFETY EQUIPMENT SCHEDULE

Contractor shall verify and provide quantities with the drawings and specifications for a complete functioning facility. Catalog number shown is for first manufacturer/ supplier listed.

ITEM	MANUFACTURER/ SUPPLIER	CATALOG NUMBER	QUANTITY	REMARKS
BACKBOARD/ SPINEBOARD	RECREONICS, SPECTRUM OR EQ	12-317	1	6' POLYETHYLENE BACKBOARD. PROVIDE REPLACEMENT STRAPS
BLOOD BORNE KIT	RECREONICS, SPECTRUM OR EQ	12-041	1	-
CPR MASK	RECREONICS, SPECTRUM OR EQ	12-436	1	-
EYEWASH KIT	RECREONICS, SPECTRUM OR EQ	12-035	1	PROVIDE (1) REPLACEMENT BOTTLE
FIRST AID KIT	RECREONICS, SPECTRUM OR EQ	12-050	1	EXCEEDS OSHA & ANSI GUIDELINES
HEAD IMMOBILIZER & ADHESIVE FASTENER	RECREONICS, SPECTRUM OR EQ	12-783, 12-286	1 EACH	-
PROFESSIONAL CHLORINE TESTING KIT	RECREONICS, SPECTRUM OR EQ	56-300	1	TAYLOR PROFESSIONAL COMPLETE TEST KIT
PROTECTIVE APRON	RECREONICS, SPECTRUM OR EQ	12-677	1	55" APRON
PVC GLOVES	RECREONICS, SPECTRUM OR EQ	12-676	1	-
RESCUE BLANKET	RECREONICS, SPECTRUM OR EQ	12-448	1	-
RESCUE TUBE	RECREONICS, SPECTRUM OR EQ	12-303	1	PROVIDE 6'-0" LINE ATTACHED
SHEPHERD'S CROOK & POLE	RECREONICS, SPECTRUM OR EQ	12-228	1	16'-0" POLE. PROVIDE POLE HANGERS
SIGN - CHLORINE DANGER	POOLWEB.COM	5340WS1824E	1	-
SIGN - EMERGENCY PHONE	POOLWEB.COM	6010WS1012E	1	-
SIGN - NO DIVING	POOLWEB.COM	6610WS2418E	2	-
SIGN - NO LIFEGUARD	POOLWEB.COM	1001WS1824E	1	-
SIGN - POOL RULES	POOLWEB.COM	2000WS1824E	1	-
SPLASH GOGGLES	RECREONICS, SPECTRUM OR EQ	12-638	1	-
THROW ROPE	RECREONICS, SPECTRUM OR EQ	12-261	1	60'-0" POLYPROPYLENE ROPE
USCG RING BUOYS	RECREONICS, SPECTRUM OR EQ	12-252	1	24" RING BUOY. PROVIDE RING BUOY HOLDER

NOTE:
VIRGINIA DEPARTMENT OF HEALTH SWIMMING POOL CODE OF 2018 GOVERNS ALL ELEMENTS OF POOL DECK AND POOL SAFETY EQUIPMENT INCLUDING SIGNAGE REQUIEMENTS.

GENERAL SIGNAGE NOTES

1. All signage to comply with ADA, ICC A117.1-2009 and Virginia Dept. of Health swimming pool code standards.
2. Sign material to be .25" thick Thermoplastic, matte finish, choice of standard colors by Architect.
3. Match color and style of existing signage. Re-use existing signage where appropriate.
4. All graphics to be raised 1/32" minimum, color to contrast with background.
5. Braille to be Grade II, domed.
6. Attach signage with Vinyl Foam Tape.

GENERAL NOTES - POOL CONSTRUCTION

1. Verify exact conditions and dimensions at the project site prior to initiating actual work. Immediately notify architect if any significant variations exist.
2. Architect shall be notified upon completion of the excavation for the new pool area. Architect to examine the soil conditions present at the site. The contractor shall provide testing of the soil conditions to verify bearing capacity of site material at the required depth of excavation. If in the opinion of the architect soil conditions appear unsatisfactory for the installation of the new work, additional excavation will be performed to reach suitable bearing material. Backfilling with controlled-engineered-fill will be required to reach appropriate sub-base elevation.
3. Contractor shall verify rough dimensions to allow for pool finish to produce intended finished dimensions shown on the drawings. Pool depth and width shall be within tolerances established in the technical specifications.
4. Pool shell structure to conform to profiles indicated on the pool sections and details.
5. Pool contractor shall form rear of pool wall structure to conform to profiles indicated on the pool sections and details. In the event soil conditions permit excavation to required profiles, forming can be omitted or minimized. Under no circumstances will a change order be issued for form work for the pool shell construction. In the event form work can be omitted or minimized a credit shall be offered to the owner for any reasonable savings this deviation from the cost process generates.
6. All new concrete work shall be properly cured. In the event the pool is placed prior to the onset of winter, proper protection is required.
7. Install all assemblies, equipment, valves, piping, power wiring, and related devices in strict accordance with respective manufacturer's written installation instructions and all applicable local codes and regulations.
8. All new pool construction shall be "dry-gun" gunite method. "Shot crete" shall be acceptable under strict conditions. See specifications for installation and curing procedures. Consult with architect if cast-in-place concrete is to be considered. All redesign shall be the responsibility of the pool contractor.
9. Coordinate installation of all pool deck equipment. Provide all required templates, mounting instructions, and specific anchors to install pool deck equipment. No patched concrete deck work will be accepted in the event anchors are not installed in the proper sequence or location. Provide supervision for the installation of all anchors installed by the general contractor.
10. All ceramic tile features shall be installed over a cement mortar float bed to produce a smooth and level ceramic tile installation. The contractor shall verify placement of the depth markers based upon field measurements of finish depths and locate all markers within 1" of the indicated depth. Install depth markers flush with deck. Final appearance shall be uniform with deck and present no rough edges. Depth markers bridging control or expansion joints are unacceptable. Spacing of depth markers shall be no more than 25'-0".
11. Coordinate mechanical work with the work of other trades to avoid the potential of excessive cutting and patching after finished surfaces have been installed. The pool contractor shall bear the cost of all repair work if work is performed out of sequence with the general trades.
12. The drawings are schematic in nature and are developed to include sufficient information required to construct the new pool. The design is intended to meet current requirements of the state and national building codes for swimming pool construction.
13. As built drawings: pool contractor shall maintain accurate records of all deviations in work as actually installed from work indicated on the drawings.

POOL BUILDER SCOPE OF WORK

The Pool Builder is responsible for all pool construction in accordance with the Project Manual, Section 13 11 00 - Summary Of The Swimming Pool Work, and as shown on plans.

Electrical: The Pool Builder is only resposnible for low voltage wiring. All wiring with line voltage will be by Electrical Contractor.

Bonding: The Electrical Contractor is responsible for bonding of all pool components, and building components within (5) feet of the pool.

Plumbing: The Pool Builder is responsible for all piping, valves and controls for the pool filtration system and automatic pool fill. The Contractor shall provide a capped water supply pipe to the pool fill location shown on plans.

POOL ABBREVIATION KEY

RA - Rope Anchor
WL - Water Level
BS - Backstroke Stanchion

No.	Date	Issue Notes
3	1/24/2024	PLAN REVIW COMMENT RESPONSES 01/24/2024
2	1/3/2024	ISSUED FOR PERMIT SUBMISSION
1	12/7/2023	

Designed By:
Drawn By:
Checked By:
Reviewed By:
Submitted By:
Project Manager:

Date:
Revision:
Project ID: 23703-culpeper
Drawing Code:
CAD File Name: 23703-ap1-main-rc-082223
Print Date: 00/00/00

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Culpeper County
Community Pool Project
16384 Competition Drive
Culpeper, VA

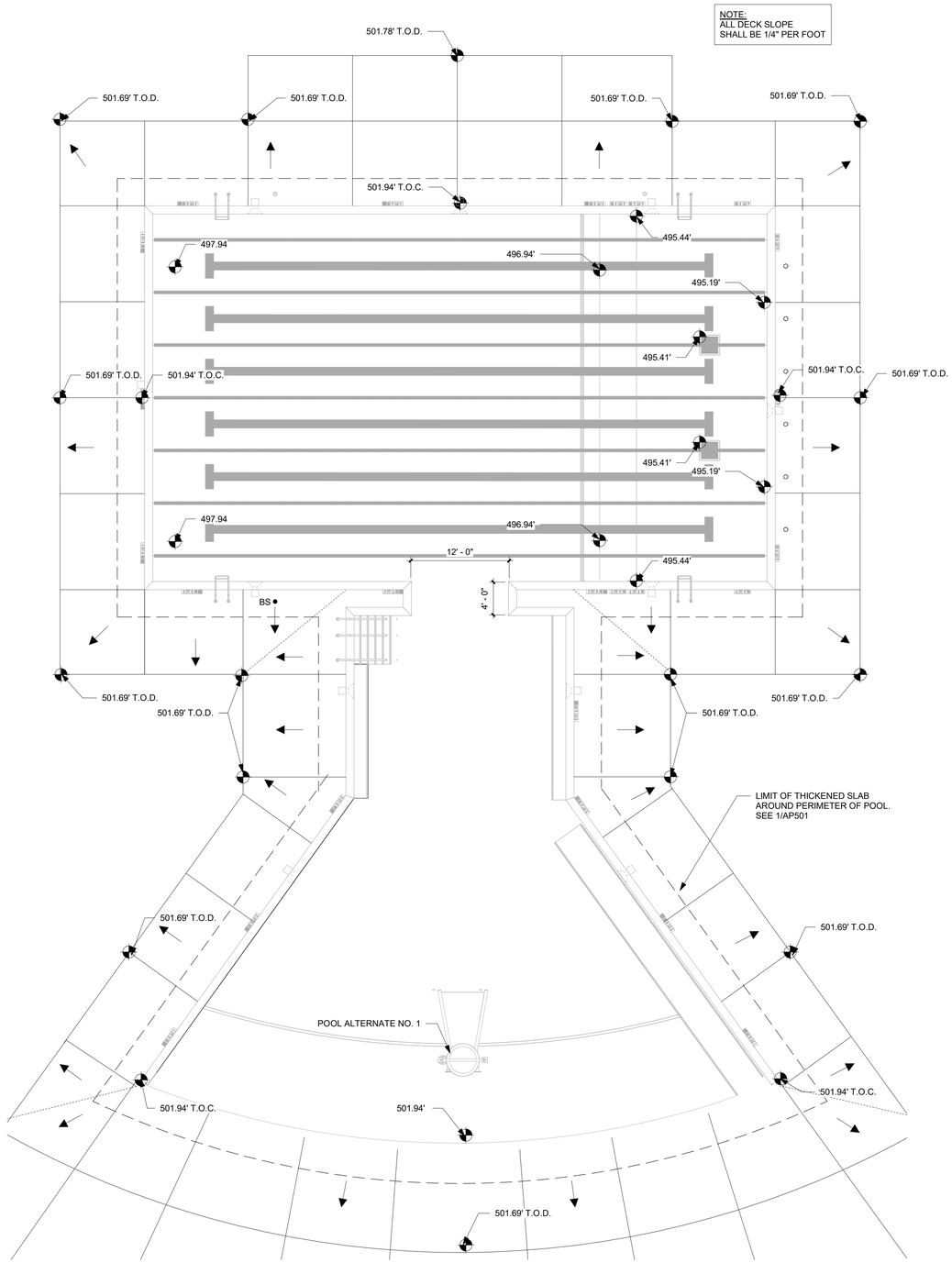
Project No.

Sheet Title
POOL FLOOR PLAN

Scale

Sheet No.
AP102

03/29/24 REBID ENTIRE SHEET



1 DECK PLAN- LEVEL ONE

1/8" = 1'-0"

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DRAWINGS AND DESIGN IN ELECTRONIC PLAN(S) AND PACKAGE(S) ARE PROVIDED FOR USE ON THIS PROJECT ONLY. THEY ARE NOT TO BE USED FOR ANY OTHER PROJECT OR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS, EXCEPT BY AGREEMENT IN WRITING AND APPROPRIATE COMPENSATION TO THE ARCHITECT. THE DRAWINGS AND PROGRAMS DEVELOPED FOR THIS CONTRACT ARE THE PROPERTY OF THE ARCHITECT AND SHALL NOT BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF THE ARCHITECT. THE PLANS MAY BE USED BY THE OWNER AND CONTRACTOR FOR THE EXECUTION OF THE CONTRACT FOR CONSTRUCTION OF THIS PROJECT ONLY. THE PLANS MAY BE USED BY THE OWNER AND CONTRACTOR FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OPERATION AND MAINTENANCE OF THE PROJECT, BUT NO PART OF THESE PLANS SHALL BE COPIED, REPRODUCED, PUBLISHED OR USED IN ANY WAY BY THE OWNER OR CONTRACTOR FOR ANY OTHER PROJECTS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. ANY SUCH UNAUTHORIZED USE WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO THE ARCHITECT. THE USER SHALL INDEMNIFY AND HOLD THE ARCHITECT HARMLESS FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES, ARISING OUT OF OR RESULTING THEREFROM. IF THESE PLANS ARE USED TO REBID OR NEGOTIATE PERFORMANCE, THE USER SHALL BE OBLIGATED TO INDEMNIFY THE ARCHITECT FOR ANY CLAIMS OR LIABILITY ARISING OUT OF ERRORS AND OMISSIONS CONTAINED IN THE PLANS. THE USER SHALL ALSO BE OBLIGATED TO REIMBURSE THE ARCHITECT FOR ANY COSTS INCURRED IN CORRECTING ANY ERRORS AND OMISSIONS CONTAINED IN THE PLANS. THE USER SHALL NOT BE RELIEVED OF ANY OF THE FOREGOING OBLIGATIONS BECAUSE OF THE TERMINATION OF THE CONTRACT FOR ANY REASON. THE USER SHALL NOT BE RELIEVED OF ANY OF THE FOREGOING OBLIGATIONS IF THE PLANS ARE USED BY THE OWNER OR CONTRACTOR FOR ANY OTHER PROJECTS OR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS, EXCEPT BY AGREEMENT IN WRITING AND APPROPRIATE COMPENSATION TO THE ARCHITECT. IF ANY PART OF THESE PLANS IS ADAPTED FOR USE ON ANY OTHER PROJECT, ANY REMAINING PLANS PROVIDED TO CONTRACTOR FOR USE ON THIS PROJECT SHALL BE RETURNED TO THE ARCHITECT IMMEDIATELY UPON COMPLETION OF THE PROJECT.

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DRAWINGS AND DESIGNS CONTAINED HEREIN, AS INSTRUMENTS OF SERVICE, ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND SHALL NOT BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF THE ARCHITECT. THE DRAWINGS AND DESIGNS ARE TO BE USED ONLY FOR THE PROJECT AND SITE AS NOTED HEREIN. THEY ARE NOT TO BE USED IN PART OR IN WHOLE FOR ANY OTHER PROJECT, ADDITIONS TO THIS PROJECT, OR FOR COMPLETION OF THIS PROJECT BY OTHERS, EXCEPT BY AGREEMENT IN WRITING AND APPROPRIATE COMPENSATION TO THE ARCHITECT. ALL DRAWINGS, SPECIFICATIONS AND COPIES THEREOF FURNISHED BY THE ARCHITECT ARE TO BE RETURNED OR ACCOUNTED FOR UPON REQUEST OF THE ARCHITECT. ALL REPRODUCTIONS SHALL BEAR THE ARCHITECT'S COPYRIGHT NOTICE. THE CONTRACTOR SHALL REVIEW AND APPROVE SHOP DRAWINGS BEFORE SUBMITTING THEM TO THE ARCHITECT. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE AND BE RESPONSIBLE FOR THE CORRECTNESS OF SAME. THE CONTRACTOR SHALL VERIFY THAT THEY ARE IDENTICAL OF THE CORRECT AND CURRENT DRAWINGS AND SPECIFICATIONS BEFORE BEGINNING WORK. THE CONTRACTOR SHALL VERIFY ALL EXISTING AND FIELD CONDITIONS PRIOR TO COMMENCING WITH WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY VARIANCE BETWEEN ACTUAL AND DRAWN CONDITIONS.

No.	Date	Revision Notes
1	3/29/2024	REBID REVISIONS CLOUDED

No.	Date	Issue Notes
2	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION

Designed By:
Drawn By:
Checked By:
Reviewed By:
Submitted By:
Project Manager:
Date
Revision
Project ID: 23303.culpepper
Drawing Date:
CAD File Name: 23303-sds-main-cvs-092223
Plot Date: 03/00/00

Design Firm:
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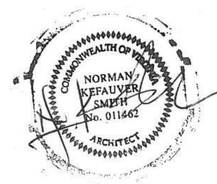
Project Title:
Culpeper County
Community Pool Project
16388 Commerce Drive
Culpeper, VA

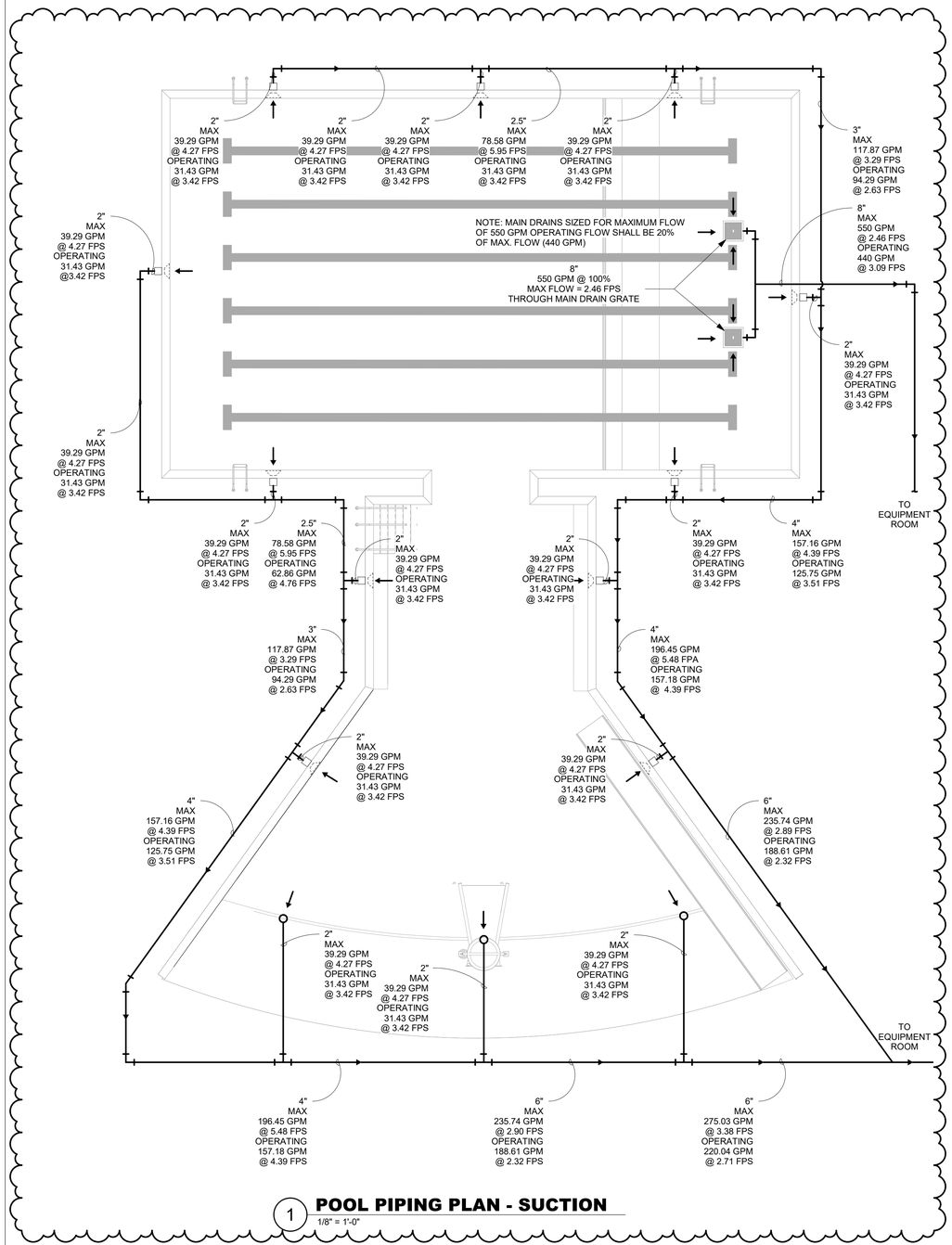
Sheet Title:
POOL DECK PLAN

Scale:

Sheet No.:
AP103



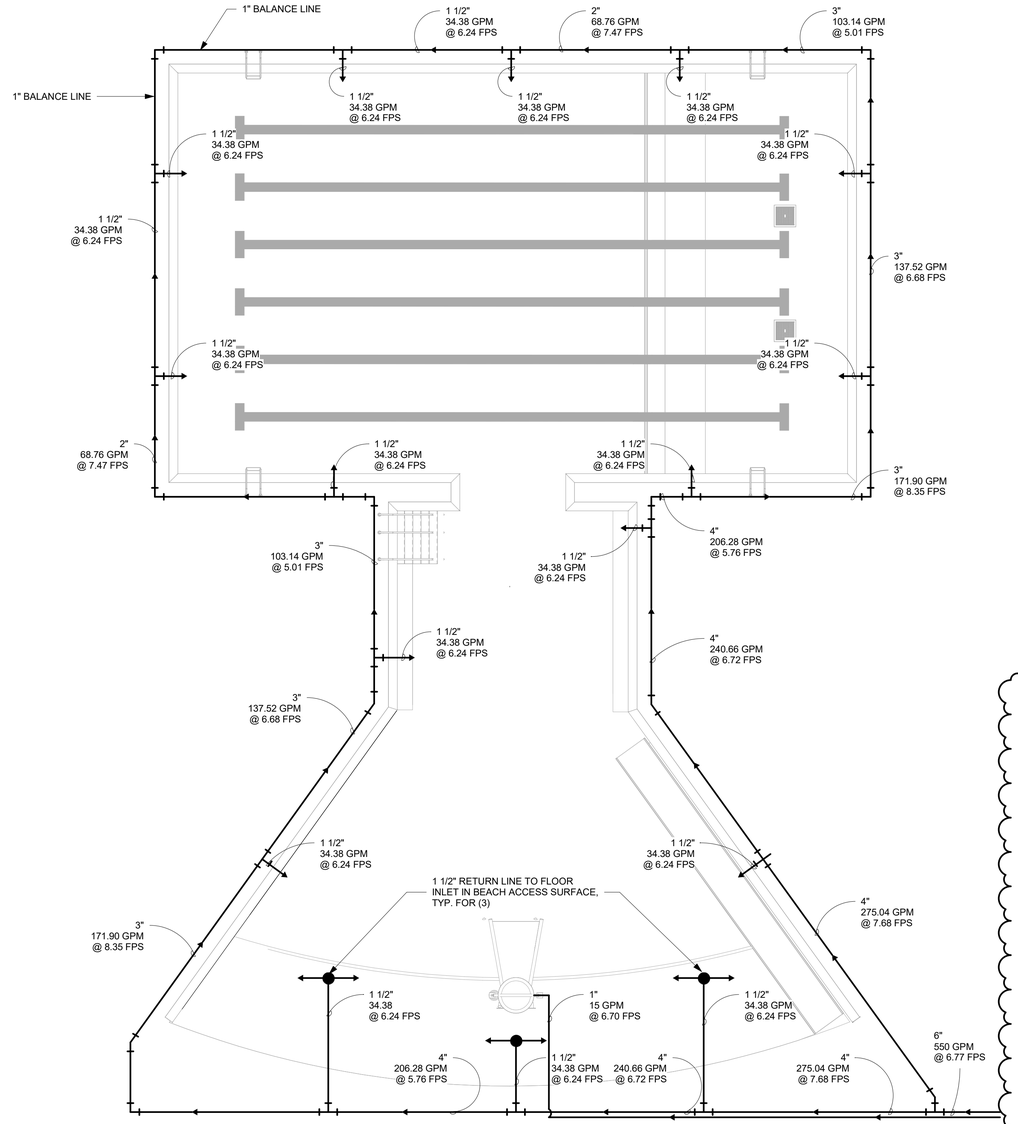
03/29/24 REBID ENTIRE SHEET



① POOL PIPING PLAN - SUCTION

1/8" = 1'-0"

03/29/24 REBID REVISIONS CLOUDED



② POOL PIPING PLAN - RETURN

1/8" = 1'-0"

GENERAL NOTES - POOL PIPING

1. All pipe routing shown is schematic in nature. The contractor shall determine the actual amount of piping and fittings for a complete functioning system.
2. All pool piping is to be schedule 80 PVC unless otherwise noted. All piping to and on the return side of the pool heater shall be CPVC if alternate is selected.
3. Slope all suction water drain lines, where possible, at max 1/8" per foot unless otherwise noted.
4. Dye testing (crystal violet or equivalent) should be performed to determine and adjust the recirculation pattern.
5. All equipment and piping shall be installed to drain completely by use of drain plugs, drain valves, or other means. All piping shall be supported continuously or at sufficiently close intervals to prevent sagging with lateral bracing. All suction piping shall be sloped in one direction, towards the filter room. All supply and return lines to the pool shall be provided with valves or other means to allow the piping to be drained.
6. Main drains shall be protected by gratings or other approved covers having an opening sufficient to restrict water velocity to less than 1.5 feet per second through the grating. Gratings shall not be removable without the use of tools and shall conform to the VGBA.
7. All penetrations through walls and floors are to have firestopping as per code.
8. All piping beyond the mechanical room to be concealed underslab or in walls.
9. All recirculation, filtration, sanitation and related components shall be approved and labeled by NSF, or accredited by ANSI. Contractor shall provide documentation certifying compliance for each component.

PIPE VELOCITY CHART

PIPE SIZE	PRESSURE PIPING VELOCITY = 10 FPS	SUCTION PIPING VELOCITY = 6 FPS	GRAVITY PIPING VELOCITY = 3FPS	ID FACTOR
1"	22 GPM	13 GPM	7 GPM	2.24
1.5"	55 GPM	33 GPM	17 GPM	5.51
2"	92 GPM	55 GPM	28 GPM	9.20
2.5"	132 GPM	79 GPM	40 GPM	13.21
3"	206 GPM	124 GPM	62 GPM	20.59
4"	358 GPM	215 GPM	107 GPM	35.83
6"	813 GPM	488 GPM	244 GPM	81.25
8"	1423 GPM	854GPM	427 GPM	142.33
10"	2239 GPM	1344 GPM	672 GPM	223.92
12"	3168 GPM	1901GPM	950 GPM	316.80
14"	3828 GPM	2297 GPM	1148 GPM	382.82
16"	5020 GPM	3012 GPM	1506 GPM	502.01
18"	6371 GPM	3822 GPM	1911 GPM	637.10

POOL HYDRAULIC CALCULATIONS

1. GENERAL	
TOTAL DESIGN VOLUME	131,660 GALLONS
4 HOUR TURNOVER RATE (VOLUME/240)	550 GPM
WATER SURFACE AREA	6,128 SF
WATER PERIMETER LENGTH	473'-4"
DESIGN FLOW RATE (234.167LF * 2.75 GPM/LF)	
2. MAIN DRAINS	
NUMBER OF DRAIN ASSEMBLIES REQUIRED	2
MAIN DRAIN FLOW RATE	550 GPM
MAIN DRAIN/ GRATING SIZE	-
MAIN DRAIN OPEN AREA	-
3. GUTTER DATA	
NUMBER OF GUTTER OUTLETS REQUIRED	11
GUTTER OUTLET FLOW RATE	39.29 GPM
GUTTER OUTLET PIPING SIZE	2"
GUTTER OUTLET PIPING VELOCITY	4.27 FPS
4. PUMP SUCTION	
NUMBER OF PUMP SUCTION LINES REQUIRED	1
PUMP SUCTION LINE FLOW RATE	550 GPM
PUMP SUCTION PIPING SIZE	8"
PUMP SUCTION PIPING VELOCITY	2.46 FPS
5. FILTERED WATER SUPPLY	
NUMBER OF SUPPLY LINES REQUIRED	1
SUPPLY LINE FLOW RATE	550 GPM
SUPPLY PIPING SIZE	6"
SUPPLY PIPING VELOCITY	6.76 FPS
NUMBER OF INLETS	16

03/29/24 REBID REVISIONS CLOUDED

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Date
Revision
Project ID 23703;culpeper
Drawing Code
CAD File Name 23703-sd-main-rz-082223
Plot Date 00/00/00
Designed By
Drawn By
Checked By
Reviewed By
Submitted By
Project Manager

Design Firm
NORMAN SMITH ARCHITECTURE
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Consultant
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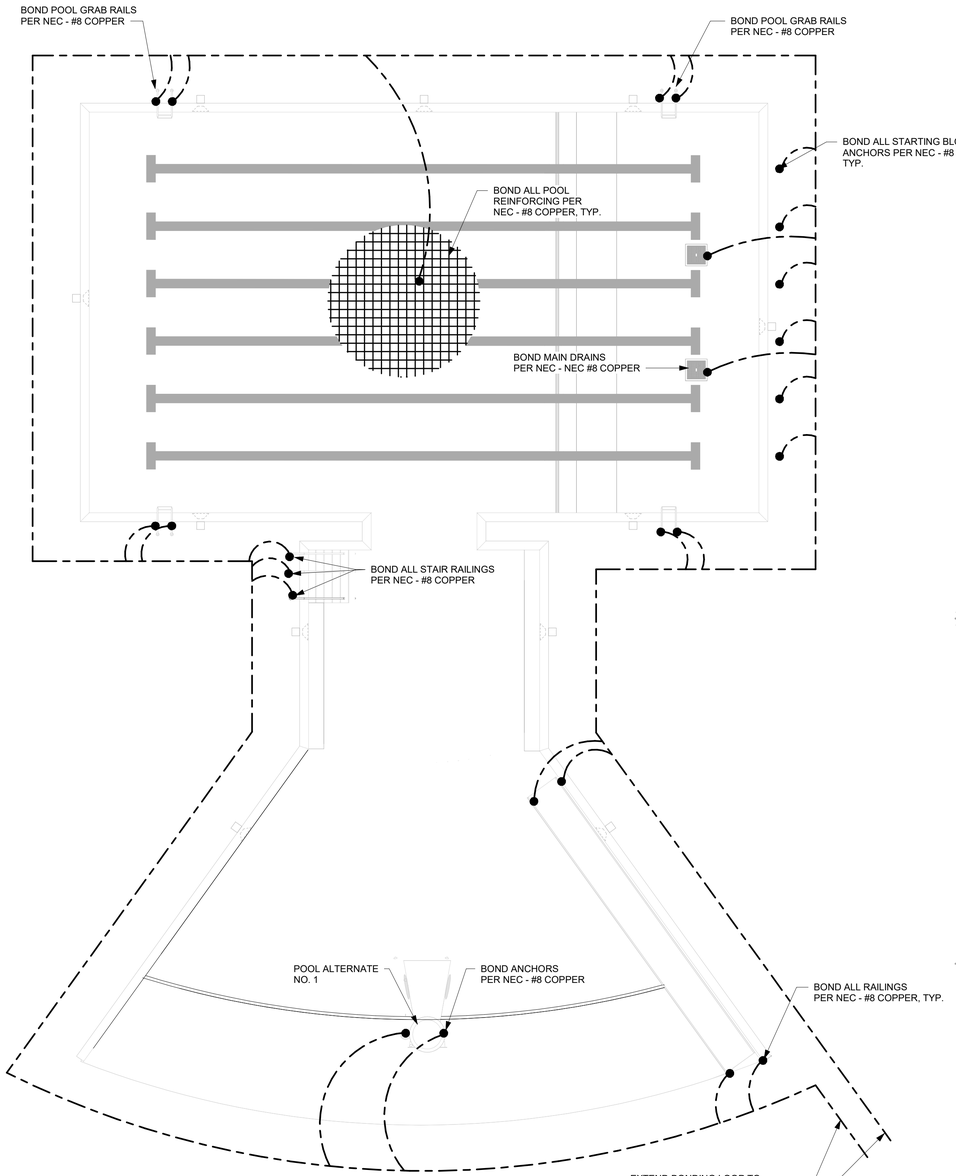
Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
POOL PIPING PLAN

Scale

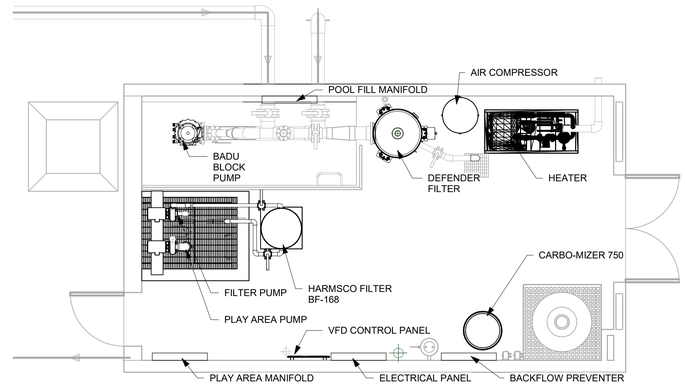
Sheet No.
AP104
of

NORMAN KEFAUVER SMITH
No. 011562



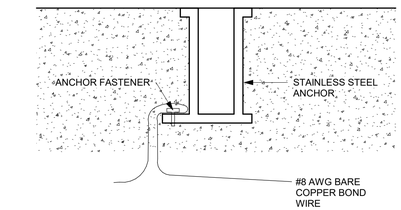
GENERAL NOTE:
TO THE GREATEST EXTENT POSSIBLE, LOCATE BONDING WIRE IN SPACE CREATED BEHIND POOL PERIMETER GUTTER SYSTEM. EXTEND BOND WIRES TO ALL FIXTURES AND FITTINGS REQUIRING BONDING INCLUDING ADJACENT FRAMES, WINDOW SYSTEMS, SHOWER HEADS, WATER FOUNTAINS, AND ANY OTHER FERROUS METAL WITHIN 5'-0" OF POOL EDGE.

1 POOL BONDING PLAN
1/8" = 1'-0"



NOTE:
POOL CONTRACTOR SHALL COORDINATE EQUIPMENT BONDING WITH ELECTRICAL CONTRACTOR. INCIDENTAL BONDING OF POOL EQUIPMENT MAY BE PERFORMED BY POOL CONTRACTOR.

2 FILTER ROOM BONDING PLAN
1/4" = 1'-0"



3 ANCHOR BONDING DETAIL - BASE BID
6" = 1'-0"

GENERAL NOTES - BONDING

1. All bonding shown on this sheet is to be included in the swimming pool contract.
2. All ferrous and conductive metal 5'-0" around the perimeter of the pool shall be properly bonded in strict accordance with the appropriate and applicable provisions of the adopted edition of the National Electric Code (NEC)

   680.26(C) - Common Bonding Grid. The parts specified in 680.26(B) shall be connected to a common bonding grid with a solid copper conductor, insulated, covered, or bare, not smaller than 8 AWG. Connection shall be made by exothermic welding or by pressure connectors or clamps that are labeled as being suitable for the purpose and are of stainless steel, brass, copper, or copper alloy: the common bonding grid shall be permitted to be any of the following:

   (a) A solid copper conductor, insulated, covered, or bare, not smaller than 8 AWG.

   (b) Rigid metal conduit or intermediate metal conduit of brass or other identified corrosion-resistant metal conduit.
3. All control wiring for specific pool related equipment (automatic water chemistry controllers, etc) shall be performed by the pool contractor unless specifically noted.
4. All bonding of the pool reinforcing, deck equipment, and all other related elements shall be performed by the pool contractor. The pool contractor shall insure that all elements to be bonded have been properly connected to the bonding loop installed by the pool contractor or the existing bonding system.
5. Provide bonding lugs for floor drain system. See plumbing drawings for additional information on floor drain system.
6. All electrical installations shall be in strict compliance with the National Electric Code, all local and state requirements, and accepted industry standards for pool construction.
7. The drawing(s) identify the specific intent for the proposed work. All electrical work shall provide all necessary equipment, connections, and labor required to produce a fully functioning facility. Contact architect if questions arise regarding intent or scope of proposed work.
8. Extend bonding loop to ground termination in strict accordance with the appropriate and applicable provisions of the adopted edition of the National Electric Code (NEC) and local electrical inspector requirements.

No.	Date	Revision Notes
1	3/29/2024	REBID REVISIONS CLOUDED
2	1/3/2024	BID SET REVISIONS
3	12/7/2023	PERMIT SUBMISSION

Designed By:
Drawn By:
Checked By:
Reviewed By:
Submitted By:
Project Manager:
Date:
Revision:
Project ID: 23703.culpeper
Drawing Date:
CAD File Name: 23703-sds-marc-r2-082223
Plot Date: 03/01/000

Design Firm:
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Client:
WALLOVER ARCHITECTS, inc.
941 Wheatland Ave., Suite 304
Lancaster, Pennsylvania 17603

Project Title:
Culpeper County
Community Pool Project
16380 Commonwealth Drive
Culpeper, VA

Sheet Title:
POOL BONDING PLAN

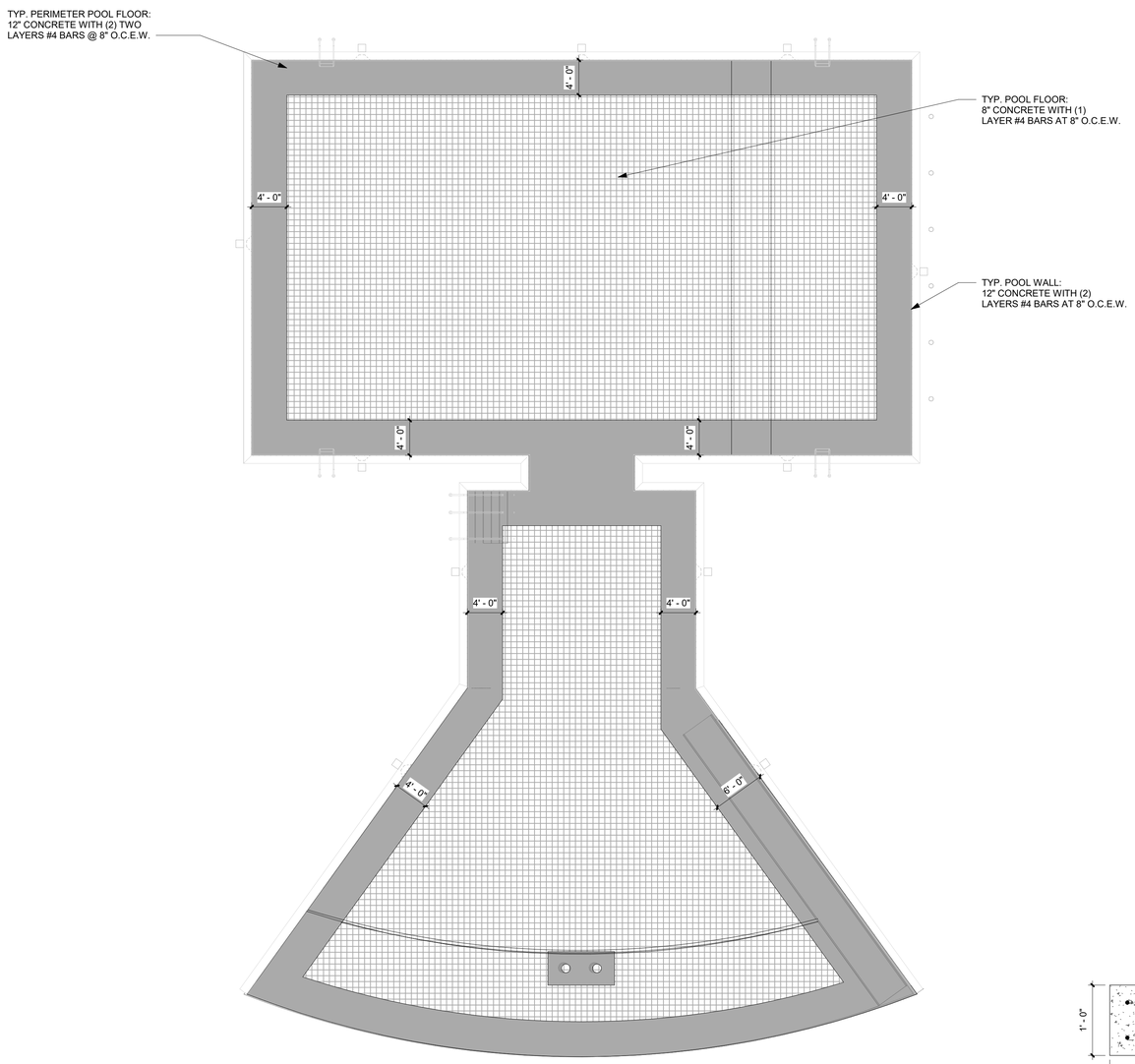
Scale:

Sheet No.:
AP105

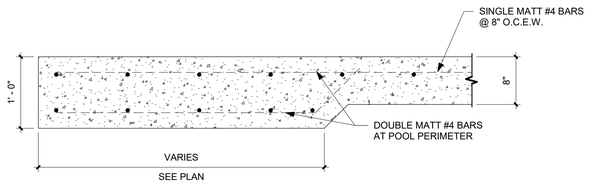
03/29/24 REBID ENTIRE SHEET

GENERAL NOTES - REINFORCING

1. Maintain 3" minimum coverage of reinforcing steel in rear of wall surfaces and bottom of floor surfaces.
2. Maintain 2" minimum coverage of reinforcing steel in front of wall surfaces and top of floor surfaces.
3. Provide a 12" crushed stone (no fines) drainage course below pool floor to direct potential ground water surcharge away from pool floor. In the event acidic soils are not present, crushed limestone may be substituted for 2B stone drainage course.



1 **POOL REINFORCING PLAN**
1/8" = 1'-0"



2 **THICKENED SLAB DETAIL**
1" = 1'-0"

Designed By	Date
Drawn By	Revision
Checked By	Project No. 23303-culpeper
Reviewed By	Drawing Code
Submitted By	CAD File Name 23303-sd-main-r2-082223
Project Manager	Plot Date 00/00/00

No.	Date	Issue Notes
2	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION

No.	Date	Revision Notes	Zone	Appr
1	3/29/2024	REBID REVISIONS CLOUDED		

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Owner
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941 Wheatland Ave., Suite 304
Lancaster, Pennsylvania 17603

Culpeper County
Community Pool Project
15383 Governor Newton Drive
Culpeper, VA

Project No.

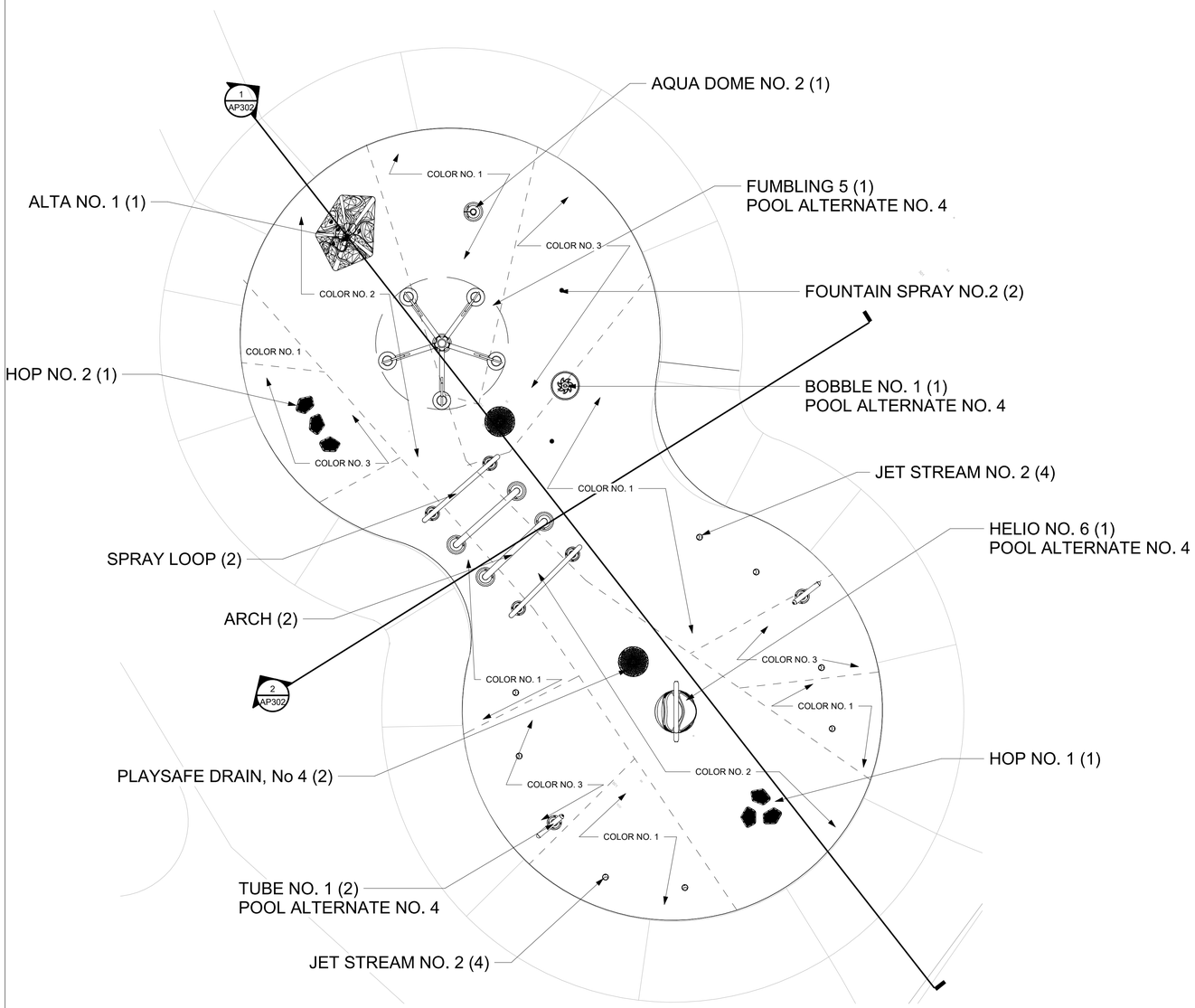
Sheet Title
POOL REINFORCING PLAN

Scale

Sheet No.
AP106

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT

03/29/24 REBID ENTIRE SHEET



NOTE:

PAINT MATERIAL FOR SPLASH PAD TO BE TUFFCOAT, MRT PRODUCTS. FINAL PAINT PATTERNS, LAYOUT AND COLORS TBD.

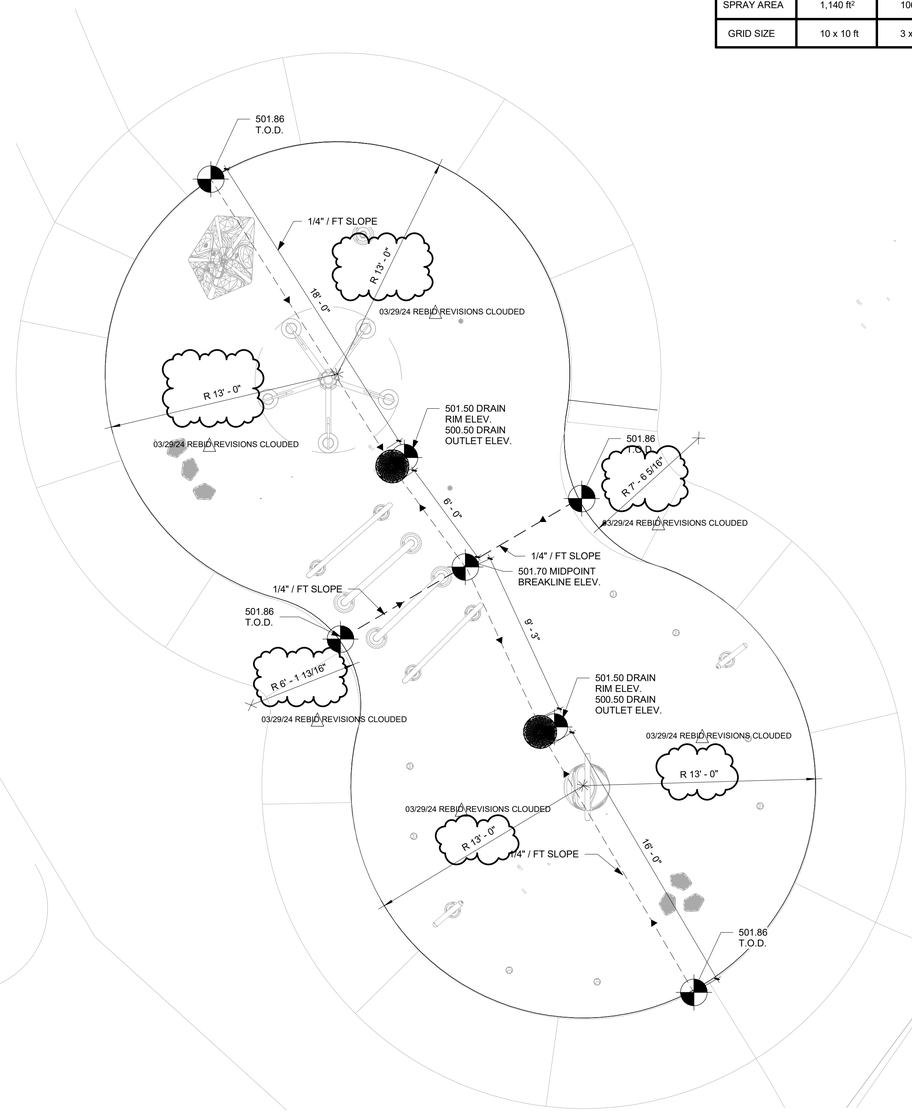
1 **SPLASH PAD PLAN**

1/4" = 1'-0"

NOTE:

NON-SLIP FINISH COATING COLORS INDICATED APPLY FINISH IN BASE BID

SPLASHPAD DIMENSIONS		
TOTAL AREA	1,941 ft²	180 m²
SPRAY AREA	1,140 ft²	106 m²
GRID SIZE	10 x 10 ft	3 x 3 m



2 **SPLASH PAD DECK PLAN**

1/4" = 1'-0"

NORMAN KEFAUVER SMITH
No. 011562

No.	Date	Revision Notes	Zone	Appr
1	3/29/2024	REBID REVISIONS CLOUDED		

No.	Date	Issue Notes
2	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION

Date

Revision

Project ID
23703;culpeper

Drawing Code

CAD File Name
23703-sd-main-rz-082223

Plot Date
00/00/00

Designed By

Drawn By

Checked By

Reviewed By

Submitted By

Project Manager

Design Firm
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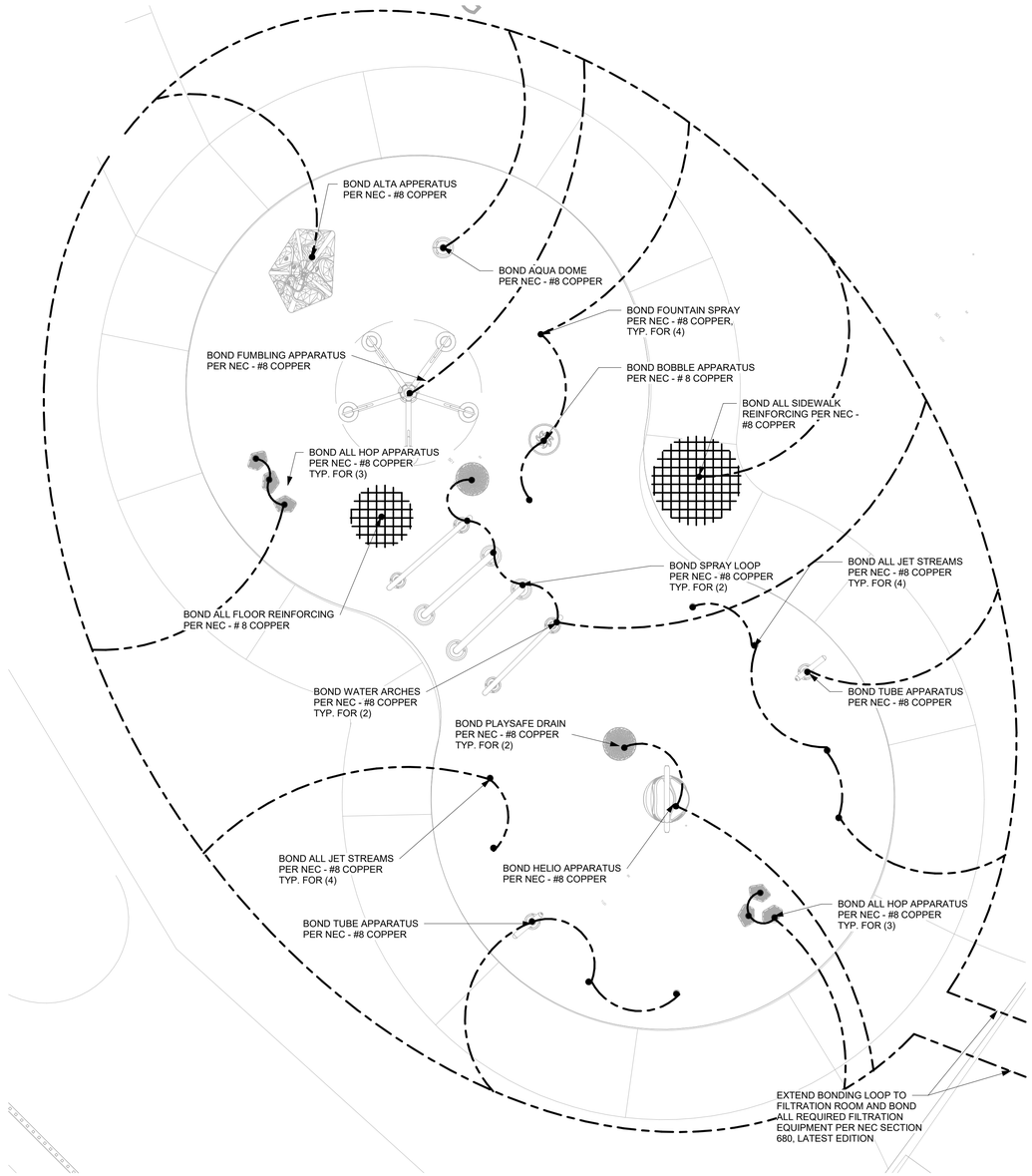
Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

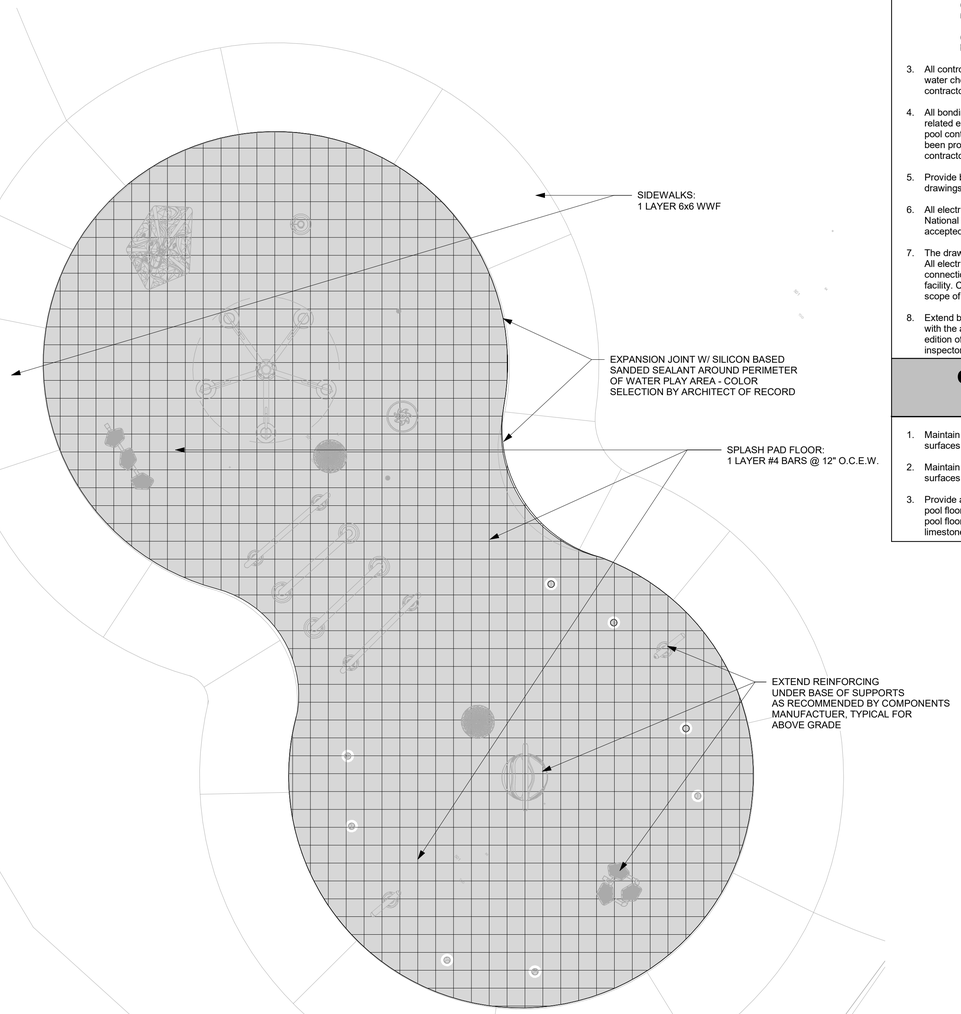
Sheet Title
SPLASH PAD PLAN

Scale

Sheet No.
AP107
of



1 SPLASH PAD BONDING PLAN
1/4" = 1'-0"



2 SPLASH PAD REINFORCING PLAN
1/4" = 1'-0"

GENERAL NOTES - BONDING

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GENERAL NOTES - REINFORCING

1. Maintain 3" minimum coverage of reinforcing steel in rear of wall surfaces and bottom of floor surfaces.
2. Maintain 2" minimum coverage of reinforcing steel in front of wall surfaces and top of floor surfaces.
3. Provide a 12" crushed stone (no fines) drainage course below pool floor to direct potential ground water surcharge away from pool floor. In the event acidic soils are not present, crushed limestone may be substituted for 2B stone drainage course.

No.	Date	Issue/Notes
2	1/3/2024	RELEASE FOR IND PERMIT SUBMISSION
1	12/7/2023	

No.	Date	Revision Notes	Zone	Appr
1	3/29/2024	REBID REVISIONS CLOUDED		

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Consultant: WALLOVER ARCHITECTS, Inc.
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Lancaster, Pennsylvania 17603

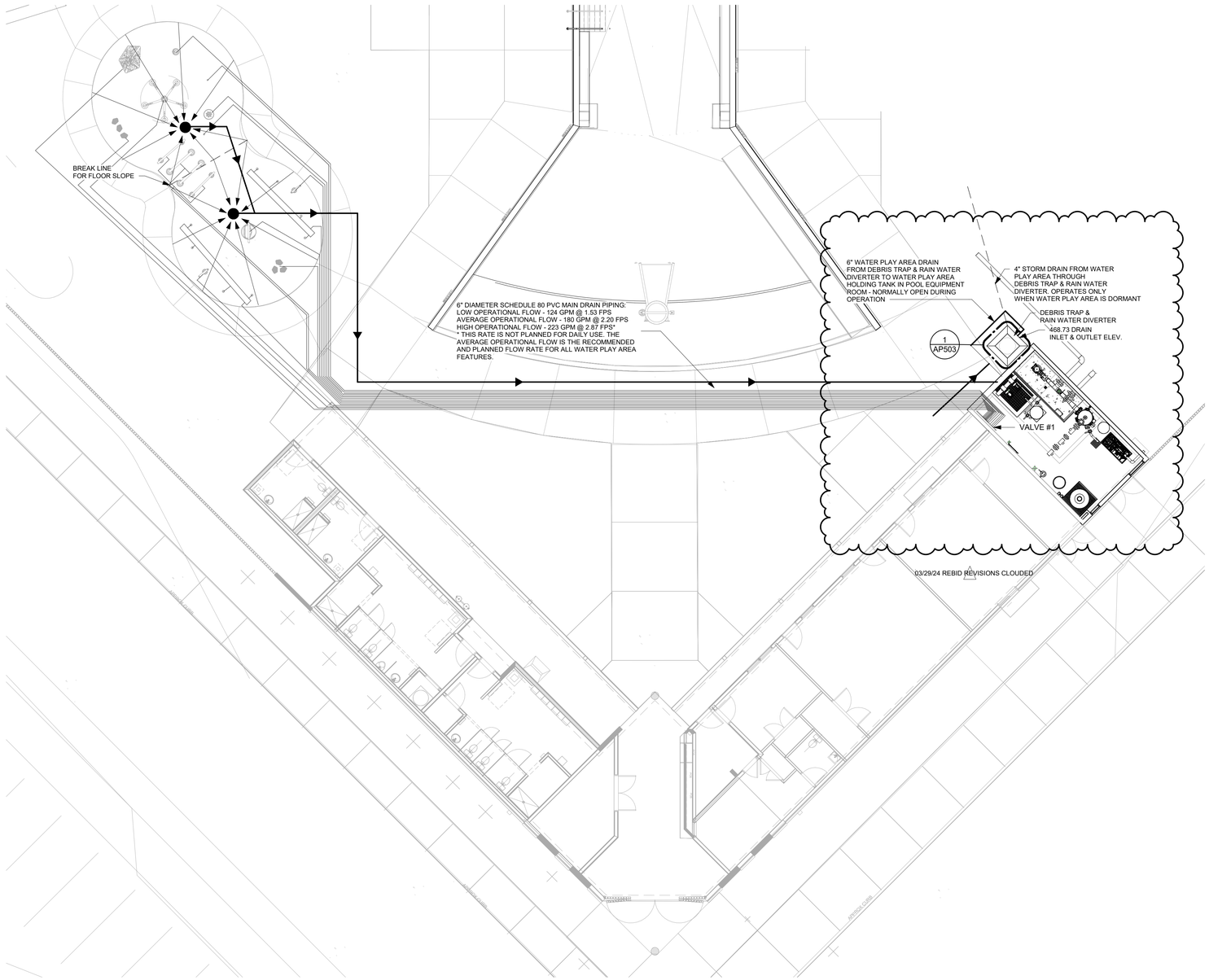
Project Title: Culpeper County Community Pool Project
1638 Commerce Drive
Culpeper, VA

Sheet Title: SPLASH PAD BONDING AND REINFORCING PLAN

Scale:

Sheet No.: AP108
of

Date:
Designed By:
Drawn By:
Checked By:
Reviewed By:
Submitted By:
Project Manager:
Revision:
Project ID: 23703.culpeper
Drawing Date:
CAD File Name: 23703-sd-main-r2-092223
Plot Date: 03/01/00



1 SPLASH PAD PIPING PLAN
1" = 10'-0"

Plumbing Abbrev.	Fixture Type	Feature	Qty	Lane Size	GPM	Output (GPH)
S01	C	Ada N°1 VOR: 7139	1	1.5"	0.5	1
S02	I	Ada N°2 VOR: 7134	1	1.5"	69	2
S03	K	Tumbling Tots VOR: 7264	1	1.5"	28	3
S04	N	Tube N°1 VOR: 7219	1	1.5"	9	4
S05	J	Jet Sprayers N°2 VOR: 0328	4	1.5"	36	5
S06	H	Spritz Loop VOR: 0329	2	1.5"	15	6
S07	G	Arch VOR: 0315	2	1.5"	27	7
S08	M	Hop N°2 VOR: 7133	1	1.5"	88	8
S09	O	Hello N°4 VOR: 7241	1	1.5"	33	9
S10	J	Jet Sprayers N°3 VOR: 0329	4	1.5"	36	10
S11	N	Tube N°1 VOR: 0219	1	1.5"	9	11
S12	F	Fountain Spray N°2 VOR: 7079	1	1.5"	9	12
S13	D	Bubble N°1 VOR: 7232	1	1.5"	6	13
S14	F	Fountain Spray N°3 VOR: 7079	1	1.5"	2	14
S15	A	Asian Dome N°2 VOR: 7139	1	1.5"	24	15

Plumbing Code	Fixture	No.	Wire Conductors	Conduit Size	Notes
S8	Main Power (by Owner)	3P+120VAC	3	TBD (by Other)	120V, 1 Phase, 60Hz, 15Amps GFCI Breaker Recommended ≤ 5% Voltage Drop is Acceptable
S9	Main Power (by Owner)	4(2)	3	TBD (by Other)	120V, 1 Phase, 60Hz, 20Amps GFCI Breaker Recommended ≤ 5% Voltage Drop is Acceptable

Electrical Code	Point	No.	Wire Conductors	Conduit Size	Note
LOA	110 Output 1	3(2)	2	1"	2 #12 awg Insulated Conductors in Size Standard Junction Box (NEMA3, Pilot & Away) (by Installer)
SOB	3(2)	3(1)	2	1"	2 #12 awg Insulated Conductors in Size Standard Junction Box for Rain Diverter Valve (NEMA3, Pilot & Away) (by Installer)

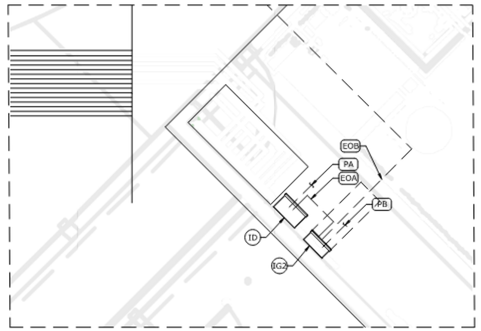
Plumbing Abbrev.	Product	Qty
S0	Flowjunkie Duplex Drain N°4 VOR: 0264	2
SC	Master Distributor Manifold (By Other)	1
S2	3 Amp 2 Connector 120V VOR: TVH-3300	1
S7	Pump Feed Line (by Installer)	
S10	6" Drain Line to Debris Trap (by Installer)	1
S12	90° Drain Line for Range Tank (by Installer)	1
S6	6" PVP Drain Line with Adapter Connected to Drainage Fixtures Water Play Area Holding Tank (by Installer)	1
S11	Debris Trap 110% with Rain Diverter Valve VOR: 7012-0000	1
S02	Debris Trap by Vortex Box VOR: 7012-0000	1

PIPING NOTES:

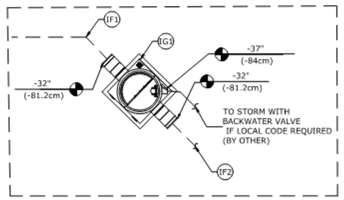
- WDS CONFIGURATION ARE SCHEMATIC AND MAY BE MOVED OR ADJUSTED ON SITE BY CERTIFIED INSTALLER TO ADJUST FOR SITE CONDITIONS.
- ANY REQUIRED PRESSURE REGULATOR, BACKFLOW PREVENTER AND WATER METER ON THE CITY WATER MAIN SHALL BE PROVIDED BY INSTALLER.
- ALL PIPE LINES TO FEATURES HAVE A 1% MINIMUM RECOMMENDED SLOPE FOR PROPER WINTERIZATION.
- ALL LINE SIZING ASSUMES A MAXIMUM DISTANCE OF 200 ' BETWEEN THE WATER DISTRIBUTION MANIFOLD AND THE FURTHEST PLAY PRODUCT. DISTANCES ABOVE 200' MAY REQUIRE AN INCREASE IN LINE SIZING.
- QUANTITY AND LOCATION OF DRAINS BASED ON MAXIMUM FLOW FOR THE INDICATED PIPE DIAMETER AT 1% SLOPE. MODIFICATIONS MAY BE REQUIRED DUE TO SPECIFIC SITE CONDITIONS AND LOCAL CODE.
- PRESSURE LINES ARE RECOMMENDED TO BE SCHEDULE 80 PVC OR PEX, AND NON-PRESSURE LINES ARE TO BE SCHEDULE 40, UNLESS OTHERWISE REQUESTED BY LOCAL CODE.
- DRAINAGE LINESARE RECOMMENDED TO BE SDR 35, UNLESS OTHERWISE REQUESTED BY LOCAL CODE.
- PIPING SHOULD BE INSPECTED AFTER TRANSPORTATION FOR CUTS, SCRATCHES, GOUGES OR SPLITS; DAMAGED SECTIONS MUST BE DISCARDED OR CUT OUT.
- PIPE SHALL BE INSTALLED BELOW THE FROST LEVEL NOT LESS THAN 12" (ASTM F-645) UNLESS OTHERWISE REQUESTED BY LOCAL CODE.
- PIPE INSTALLATION MINIMUM COVER SHOULD BE EVALUATED ACCORDING TO ASTM D-2774, UNLESS OTHERWISE REQUESTED BY LOCAL CODE.
- SPECIAL CONSIDERATIONS SHOULD BE TAKEN FOR THERMAL CONDITIONS, EXPANSION AND CONTRACTIONS DUE TO TEMPERATURE SHOULD BE EVALUATED BEFORE THE INSTALLATION BY THE CONTRACTOR.
- VALVE NUMBER 1 IS LOCATED TO THE LEFT OF THE MANIFOLD FACING THE SOLINOID.
- MINIMUM 30 PSI RECOMMENDED AT THE INLET OF THE WATER DISTRIBUTION MANIFOLD.
- MAXIMUM FLOW CAPACITY OF MANIFOLD IS PROVIDED BY OTHERS.
- TOTAL FLOW OF FEATURE IS 169.5 GPM.
- THERE IS NO SEQUENCING, FEATURES ARE ALL ON WHEN FEATURE PUMP IS RUNNING.

ELECTRICAL NOTES:

- ALL CONNECTIONS TO THE CONTROLLER AND OTHER ELECTRICAL PANEL SHALL BE PERFORMED USING AN APPROVED NEMA 4X CONNECTOR.
- WIRE FROM MAIN POWER TO PANEL TO BE DETERMINED BY OTHERS RESPECTING THE LOCAL CODE.
- MAINTAIN A MINIMUM CLEARANCE ZONE OF 36" IN FRONT OF ELECTRICAL PANEL, UNLESS OTHERWISE REQUESTED BY LOCAL CODE.
- USE #8 BARE SOLID COPPER BONDING WIRE BETWEEN FEATURES TO A GROUNDING ROD IN THE SOIL, TIED INTO REBAR GRID, OR AS PER LOCAL CODE. SPRAYLINKS FEATURE DO NOT REQUIRE BONDING.
- AS PER ELECTRICAL CONSTRUCTION AND SAFETY CODES: CONTROLLER AND ANY OTHER ELECTRICAL ENCLOSURES MUST BE HARD-WIRED TO A GROUND FAULT CIRCUIT INTERRUPTER (GFCI) FROM THE INPUT POWER SOURCE.
- ALL ELECTRICAL WORK SHOULD BE PERFORMED BY A LICENCE ELECTRICIAN IN ACCORDANCE TO LOCAL ELECTRICAL CONSTRUCTION AND SAFETY CODES.
- STANDARD TIME DELAY FOR RE-OPENING THE RAIN DIVERTER VALVE IS 10 MIN. IT IS RECOMMENDED TO EXTEND THE OPERATION HOURS OF THE RAIN DIVERTER IN THE 4 OUTPUT CONTROLLER BY 10 MIN.



2 PLUMBING & ELECTRICAL PLAN 1
NOT TO SCALE



3 PLUMBING & ELECTRICAL PLAN 2
NOT TO SCALE

No.	Date	Issue Notes
1	3/29/2024	REBID REVISIONS CLOUDED
2	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION

Date	
Designed By	
Drawn By	
Checked By	
Approved By	
Submitted By	
Project Manager	
Revision	
Project ID	23303.ccdpepool
Drawing Cycle	
CAD File Name	23303-sd1-main-r2-082223
Plot Date	00/00/00

Design Firm
NORMAN SMITH ARCHITECTURE
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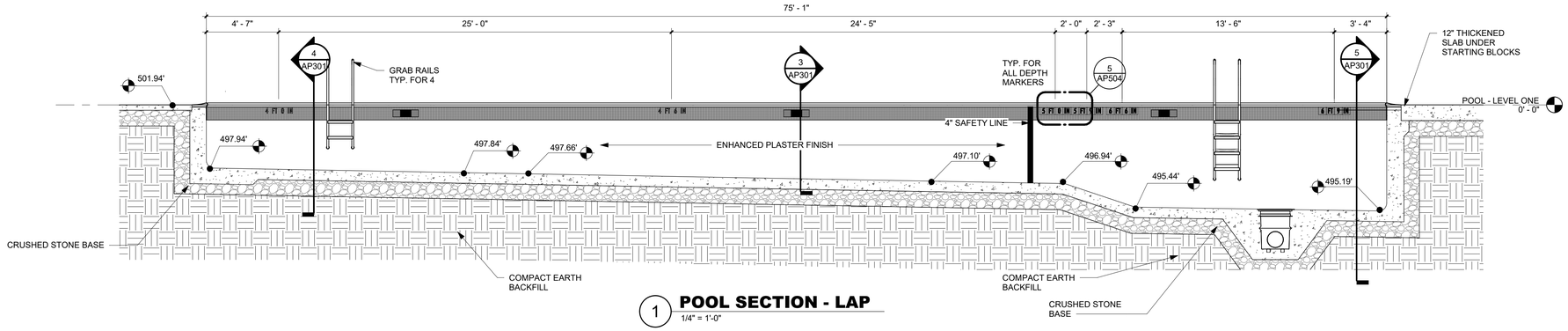
Client
WALLOVER ARCHITECTS, inc.
941 Wheatland Ave., Suite 304
Lancaster, Pennsylvania 17603

Project Title
Culpeper County
Community Pool Project
16380 Commonwealth Drive
Culpeper, VA

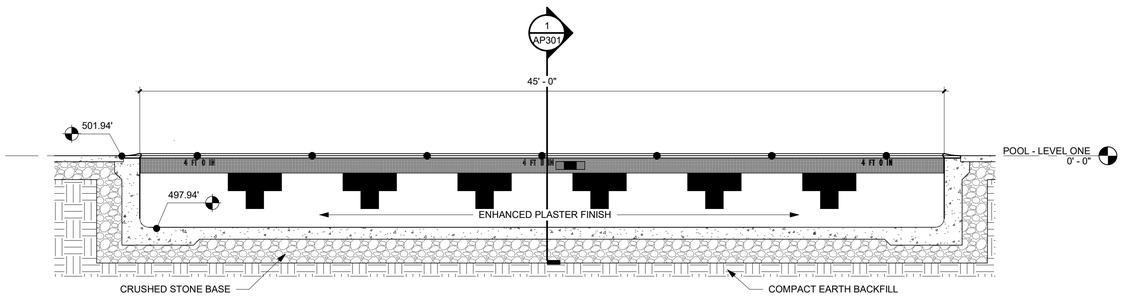
Sheet Title
SPLASH PAD PIPING PLAN

Scale

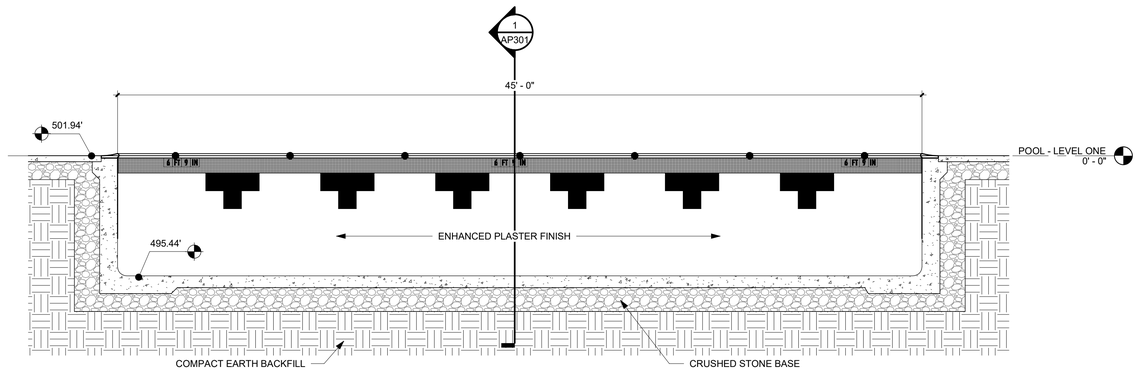
Sheet No.
AP109
of



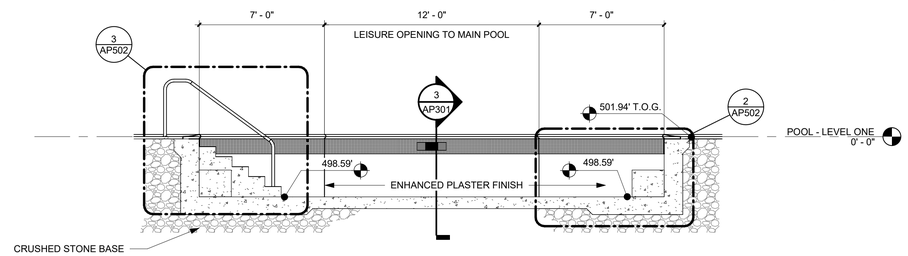
1 POOL SECTION - LAP
1/4" = 1'-0"



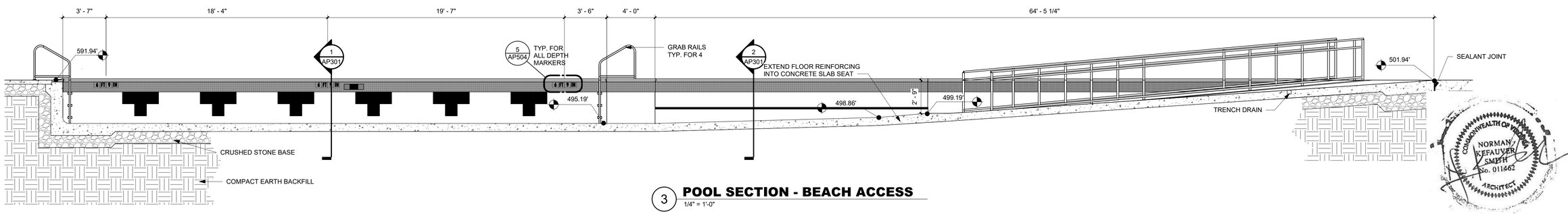
4 POOL SECTION - WEST
1/4" = 1'-0"



5 POOL SECTION - EAST
1/4" = 1'-0"



2 POOL SECTION - LEISURE AREA
1/4" = 1'-0"



3 POOL SECTION - BEACH ACCESS
1/4" = 1'-0"

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No.	Date	Revision Notes	Zone	Appr
1	3/29/2024	REBID REVISIONS CLOUDED		
2	1/5/2024	PLAN REVIEW COMMENT RESPONSES 01/04/2024		
3	1/24/2024	REVISED PER OWNER REVIEW COMMENTS		

No.	Date	Issue Notes
1	12/7/2023	PERMIT SUBMISSION

Designed By
Drawn By
Checked By
Approved By
Submitted By
Project Manager

Revision
Project ID 23703-culpeper
Drawing Code
CAD File Name 23703-sd-main-cr-092223
Print Date 00/00/00

Design Firm
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Consultant
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Culpeper County
Community Pool Project
16388 Commons Drive
Culpeper, VA

Sheet Title
POOL SECTIONS

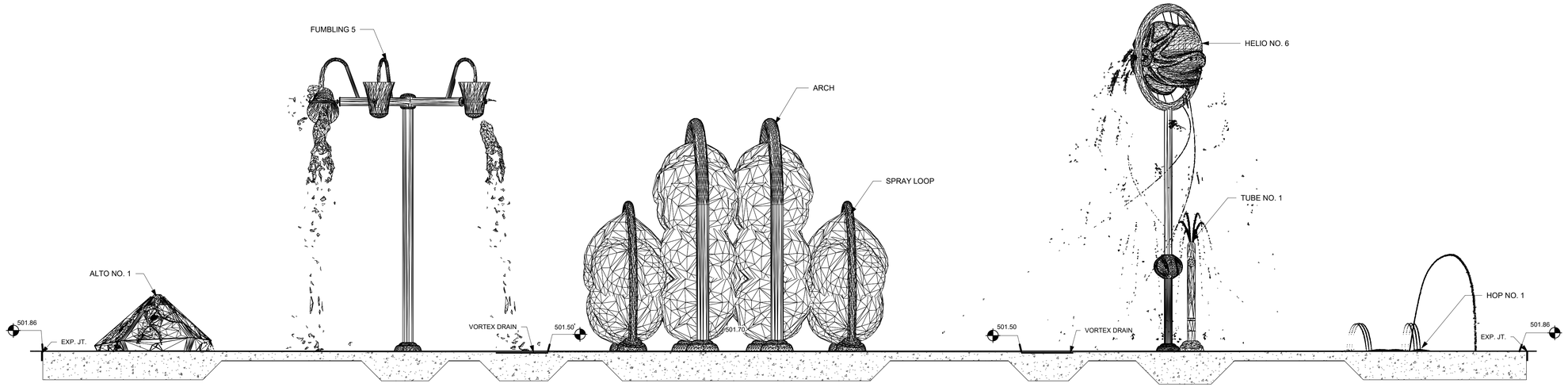
Project Title

Scale

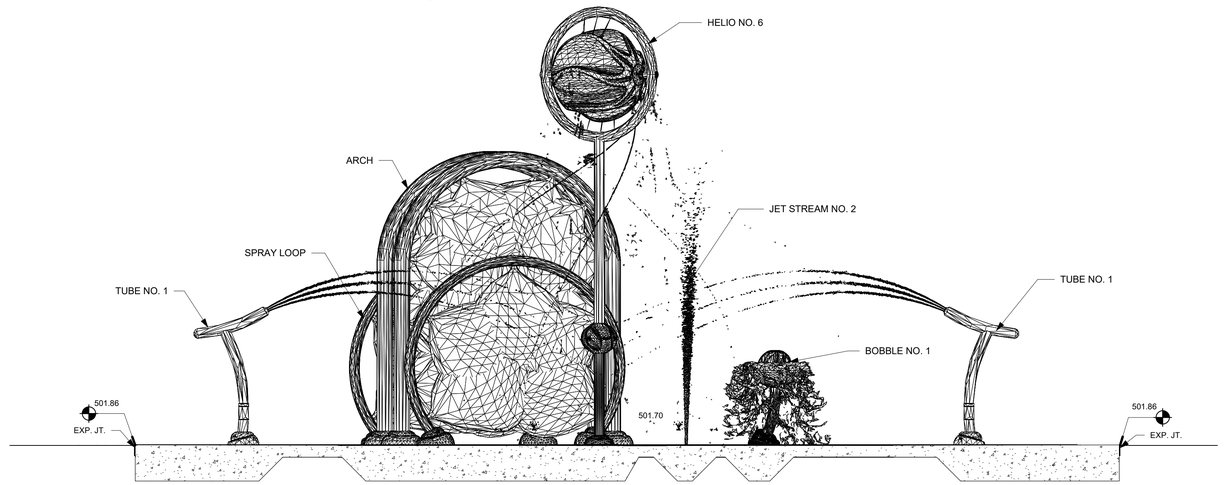
Sheet No.
AP301

03/29/24 REBID ENTIRE SHEET

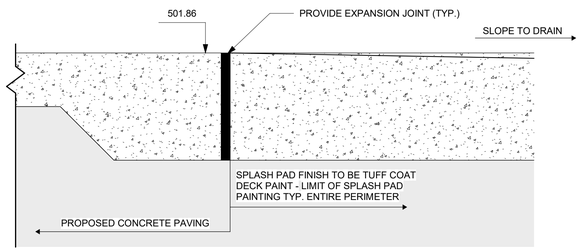
COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT



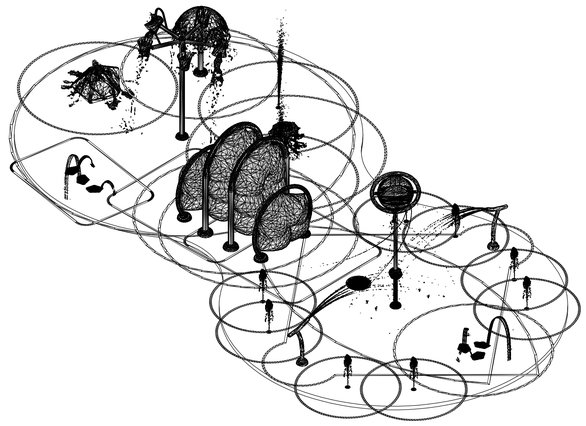
1 SPLASH PAD - SECTION 1
1/2" = 1'-0"



2 SPLASH PAD - SECTION 2
1/2" = 1'-0"



4 SPLASH PAD CURB DETAIL
1 1/2" = 1'-0"



3 SPLASH PAD ISO

No.	Date	Revision Notes
1	3/29/2024	REBID REVISIONS CLOUDED

No.	Date	Issue Notes
2	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION

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Project Title: Culpeper County Community Pool Project
16368 Commonwealth Drive
Culpeper, VA

Sheet Title: SPLASH PAD SECTIONS & VIEWS

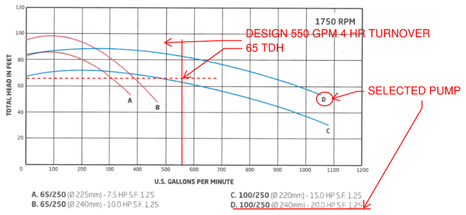
Scale:

Sheet No.: AP302 of

Designed By | Drawn By | Checked By | Approved By | Submitted By | Project Manager
Date | Revision | Project # 23703-culpeper | Drawing Code | CAD File Name 23703-sd-main-cr-262223 | Plot Date 00/00/00
Appr | Zone

POOL EQUIPMENT SCHEDULE

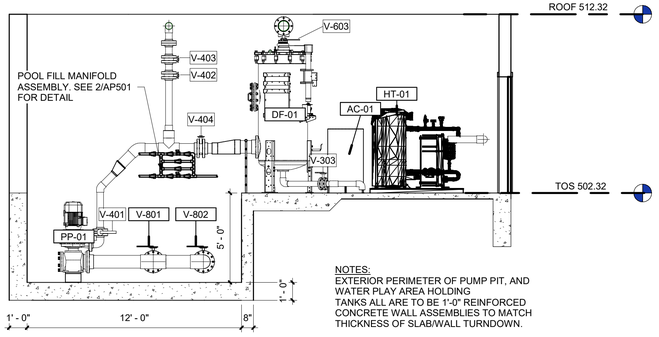
MARK	DESCRIPTION	MANUFACTURER	MODEL NO.	QUANTITY	VOLTAGE	PHASE	Hz	HP	REMARKS
AC-01	FILTER COMPRESSOR	EVOQUA OR APPROVED EQUAL	N/A	1	120	1	50-60	N/A	SEE SPECIFICATIONS
CC-01	ADVANCED OXIDATION SYSTEM	CLEAR COMFORT OR APPROVED EQUAL	CCW300	1	120/240	N/A	N/A	N/A	SEE SPECIFICATIONS
CC-02	ADVANCED OXIDATION SYSTEM	CLEAR COMFORT OR APPROVED EQUAL	CCW50	1	120/240	N/A	N/A	N/A	POOL ALTERNATE NO. 6
CO-01	CO2 BULK STORAGE CONTAINER	CHART OR APPROVED EQUAL	CARBO-MIZER 750	1	120	1	N/A	N/A	RATED TO 15 LBS/HR
CP-01	CONTROL PANEL	N/A	N/A	1	N/A	N/A	N/A	N/A	SEE DRAWINGS
CS-01	CHEMICAL BULK STORAGE CONTAINER	CHEM-TAINER OR APPROVED EQUAL	T4152DC	1	N/A	N/A	N/A	N/A	200 GALLON
DF-01	DEFENDER REGENERATIVE MEDIA FILTER	EVOQUA OR APPROVED EQUAL	SP-33-48-732	1	115/230	1	50-60	N/A	SEE SPECIFICATIONS
FD-01	POOL PUMP VFD	NEPTUNE-BENSON OR APPROVED EQUAL	GREEN DRIVE	1	208	3	50-60	N/A	SEE SPECIFICATIONS (SPECK VFD ACCEPTABLE)
FD-02	PLAY AREA PUMP VFD	NEPTUNE-BENSON OR APPROVED EQUAL	GREEN DRIVE	1	208	3	50-60	N/A	SEE SPECIFICATIONS (SPECK VFD ACCEPTABLE)
HF-01	HARMSCO FILTER	HARMSCO OR APPROVED EQUAL	BF168	1	N/A	N/A	N/A	N/A	FILTER AREA = 168 SQ. FT.
HT-01	POOL HEATER	LOCHINVAR OR APPROVED EQUAL	OXN602	1	120	1	60	N/A	SEE SPECIFICATIONS
PP-01	BADU BLOCK MULTI 100/250	SPECK OR APPROVED EQUAL	100_250	1	208	3	N/A	15	SEE SPECIFICATIONS - 4HR TRUNOVER - 550 GPM
PP-02	FILTER PUMP	SPECK OR APPROVED EQUAL	BADU PRO-III UVS	1	208	1	N/A	1.65	SEE SPECIFICATIONS - 20 MIN TURNOVER - 63 GPM
PP-03	PLAY AREA PUMP	SPECK OR APPROVED EQUAL	95-VIII	1	208/230	1	N/A	4	SEE SPECIFICATIONS - AVG. OPER. FLOW - 180 GPM
PP-04	CHEMICAL FEED PUMP	STENNER OR APPROVED EQUAL	CLASSIC SERIES	2	120	1	50-60	N/A	1 IN RESERVE
SC-01	SPILL CONTAINMENT	EAGLE CO.	1640ND	1	N/A	N/A	N/A	N/A	-
WL-01	WATER LEVEL CONTROLLER	NEPTUNE-BENSON OR APPROVED EQUAL	WLC200	1	120	1	50-60	N/A	4/20 RELAY OUTPUT
WL-02	WATER LEVEL CONTROLLER	NEPTUNE-BENSON OR APPROVED EQUAL	WLC200	1	120	1	50-60	N/A	4/20 RELAY OUTPUT



FITTING SCHEDULE

NOTE: THIS SCHEDULE IS NOT ALL INCLUSIVE, IT IS THE CONTRACTOR'S RESPOSIBILITY TO VERIFY THE EXACT QUANTITIY AND PLACEMENT OF ALL VALVES IN ORDER TO PRODUCE A COMPLETE AND FUNCTIONING SYSTEM

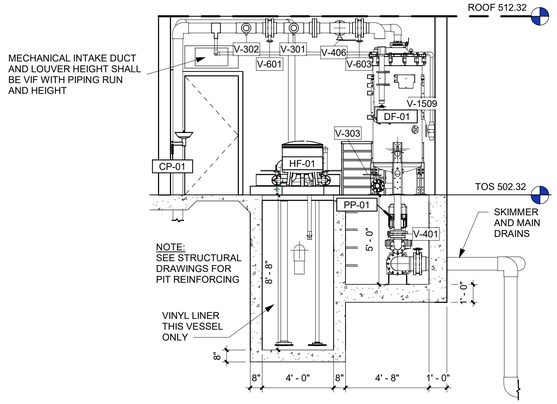
MARK	SIZE	TYPE	USE	VALVE POSITION/ OPERATION	REMARKS
SV-1501	1.5"	ELECTRONIC SLOENOID	FLOW CONTROL	NORMALLY OPEN, SET POSITION TO RESTRICT FLOW	SEE 2/AP501 FOR LOCATION
SV-1502	1.5"	ELECTRONIC SLOENOID	FLOW CONTROL	NORMALLY CLOSED, SET POSITION TO ADJUST FLOW FLOW	SEE 2/AP501 FOR LOCATION
V-101	1"	COMPACT TRUE UNION	TUMBLE BUCKET FILL	NORMALLY OPEN, SET POSITION TO RESTRICT FLOW	-
V-201	2"	COMPACT TRUE UNION	PUMP INTAKE ISOLATION	NORMALLY OPEN, CLOSE FOR PUMP SERVICE	-
V-202	2"	COMPACT TRUE UNION	PUMP ISOLATION	NORMALLY OPEN, CLOSE FOR PUMP SERVICE	-
V-203	2"	COMPACT TRUE UNION	PUMP ISOLATION	NORMALLY OPEN, CLOSE FOR PUMP SERVICE	-
V-301	3"	COMPACT TRUE UNION	HEATER TAP ISOLATION	NORMALLY OPEN, CLOSE FOR HEATER SERVICE	-
V-302	3"	COMPACT TRUE UNION	HEATER TAP ISOLATION	NORMALLY CLOSED, OPEN FOR HEATER SERVICE	-
V-303	3"	BUTTERFLY	FILTER DRAIN	NORMALLY CLOSED, OPEN TO DRAIN FILTER	-
V-401	4"	BUTTERFLY	PUMP ISOLATION	NORMALLY OPEN, CLOSE FOR PUMP SERVICE	-
V-402	4"	ACTUATED BUTTERFLY	PRECOAT ISOLATION	NORMALLY CLOSED, OPEN FOR PRE-COAT	-
V-403	4"	BUTTERFLY	PRECOAT DIVERSION	NORMALLY CLOSED, OPEN FOR PRE-COAT	-
V-404	4"	BUTTERFLY	FILTER ISOLATION	NORMALLY OPEN, CLOSE FOR FILTER SERVICE	-
V-405	4"	COMPACT TRUE UNION	PUMP INTAKE ISOLATION	NORMALLY OPEN, CLOSE FOR PUMP SERVICE	-
V-406	4"	ACTUATED BUTTERFLY	EFFLUENT VALVE	NORMALLY OPEN, CLOSE FOR PRECOAT SERVICE	-
V-601	6"	BUTTERFLY	HEATER TAP DIVERSION	NORMALLY CLOSED, SET POSITION TO RESTRICT FLOW AND SERVICE HEATER	-
V-602	6"	BUTTERFLY	PRECOAT ISOLATION	NORMALLY CLOSED, OPEN FOR PRE-COAT	-
V-603	6"	BUTTERFLY	FILTER ISOLATION	NORMALLY OPEN, CLOSE FOR FILTER SERVICE	-
V-801	8"	BUTTERFLY	SKIMMER DRAIN ISOLATION	NORMALLY OPEN, SET POSITION TO RESTRICT FLOW	-
V-802	8"	BUTTERFLY	MAIN DRAIN ISOLATION	NORMALLY OPEN, SET POSITION TO RESTRICT FLOW	-
V-1501	1.5"	COMPACT TRUE UNION	POOL FILL ISOLATION	NORMALLY OPEN, SET POSITION TO RESTRICT FLOW	SEE 2/AP501 FOR LOCATION
V-1502	1.5"	COMPACT TRUE UNION	POOL FILL ISOLATION	NORMALLY OPEN, SET POSITION TO RESTRICT FLOW	SEE 2/AP501 FOR LOCATION
V-1503	1.5"	COMPACT TRUE UNION	POOL FILL ISOLATION	NORMALLY OPEN, SET POSITION TO RESTRICT FLOW	SEE 2/AP501 FOR LOCATION
V-1504	1.5"	COMPACT TRUE UNION	POOL FILL DIVERSION	NORMALLY OPEN, SET POSITION TO RESTRICT FLOW	SEE 2/AP501 FOR LOCATION
V-1505	1.5"	COMPACT TRUE UNION	POOL FILL DIVERSION	NORMALLY CLOSED, SET POSITION TO RESTRICT FLOW	SEE 2/AP501 FOR LOCATION
V-1506	1.5"	COMPACT TRUE UNION	POOL FILL ISOLATION	NORMALLY OPEN, SET POSITION TO RESTRICT FLOW	SEE 2/AP501 FOR LOCATION
V-1507	1.5"	COMPACT TRUE UNION	POOL FILL ISOLATION	NORMALLY CLOSED, OPEN FOR FLOW TO SURGE TANK	SEE 2/AP501 FOR LOCATION
V-1508	1.5"	COMPACT TRUE UNION	POOL FILL ISOLATION	NORMALLY CLOSED, OPEN FOR FLOW TO SURGE TANK	SEE 2/AP501 FOR LOCATION
V-1509	1.5"	COMPACT TRUE UNION	POOL FILL ISOLATION	NORMALLY OPEN, SET POSITION TO RESTRICT FLOW	-



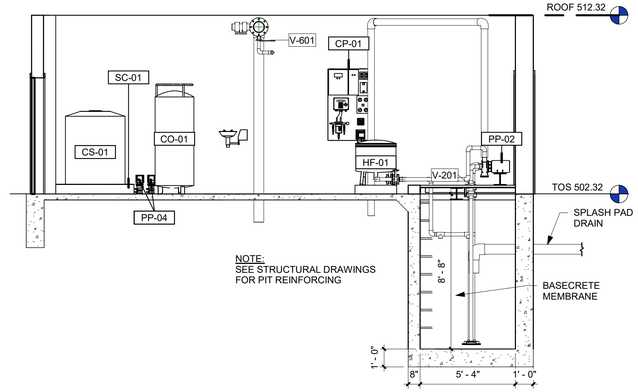
NOTES:
EXTERIOR PERIMETER OF PUMP PIT, AND WATER PLAY AREA HOLDING TANKS ALL ARE TO BE 1'-0" REINFORCED CONCRETE WALL ASSEMBLIES TO MATCH THICKNESS OF SLAB/WALL TURNDOWN.

SEE STRUCTURAL DRAWINGS FOR PIT REINFORCING.

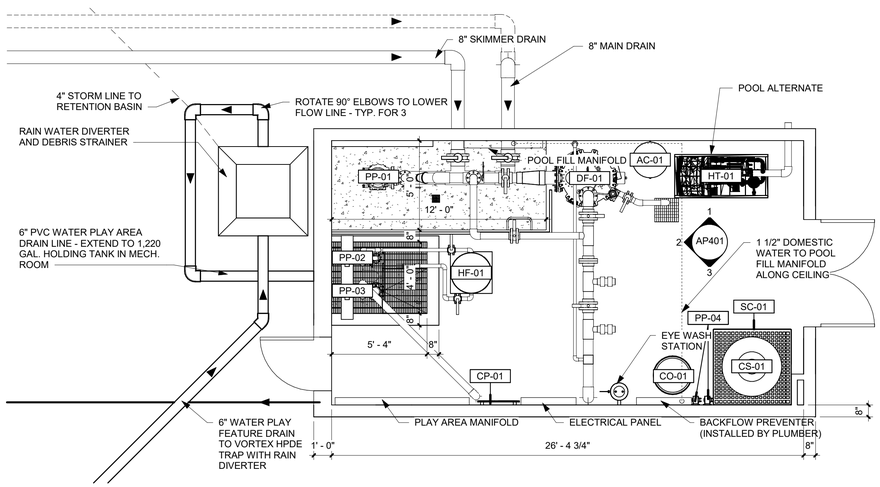
① FILTER ROOM - NORTH
1/4" = 1'-0"



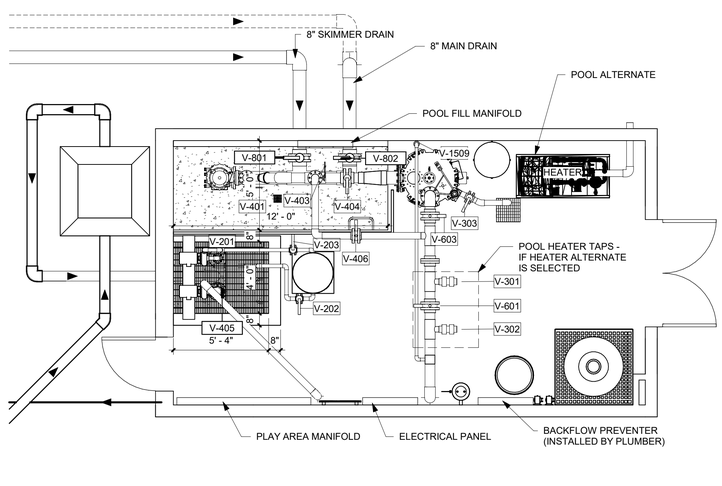
② FILTER ROOM - WEST
1/4" = 1'-0"



③ FILTER ROOM - SOUTH
1/4" = 1'-0"



④ FILTER ROOM PLAN
1/4" = 1'-0"



⑤ FILTER ROOM PLAN - VALVES
1/4" = 1'-0"

NORMAN KEFAUVER SMITH
No. 011562

No.	Date	Revision Notes	Zone	Appr
1	3/29/2024	REBID REVISIONS CLOUDED		

No.	Date	Issue Notes
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1	12/7/2023	PERMIT SUBMISSION

Date	
Revision	
Project ID	23703;culpeper
Drawing Code	
CAD File Name	23703-sd-main-rz-082223
Plot Date	00/00/00
Designed By	
Drawn By	
Checked By	
Reviewed By	
Submitted By	
Project Manager	

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Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

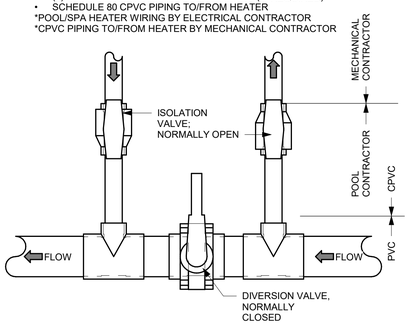
Sheet Title
EQUIPMENT ROOM PLAN

Scale

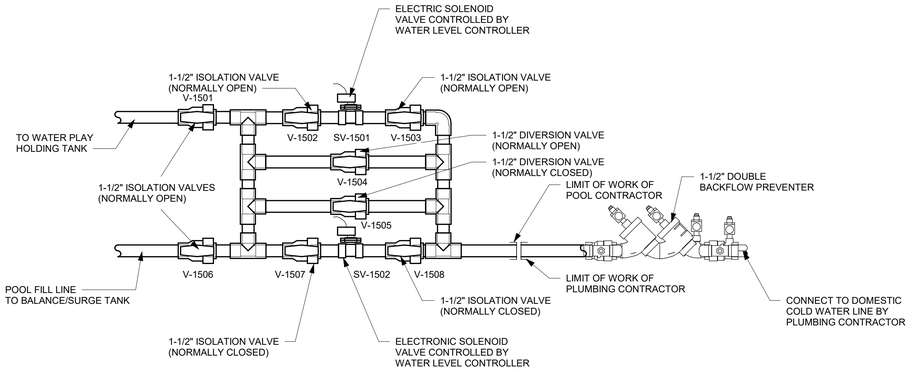
Sheet No.
AP401
of
03/29/24 REBID ENTIRE SHEET

POOL CONTRACTOR TO FURNISH AND INSTALL THE FOLLOWING:
- (1) DIVERSION VALVE
- (2) CPVC ISOLATION VALVES
- (2) TEE FITTINGS
- (2) CPVC CONCENTRIC REDUCER FITTINGS (IF REQUIRED)
- SCHEDULE 80 CPVC PIPING TO/FROM HEATER

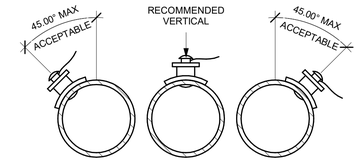
*POOL/SPA HEATER WIRING BY ELECTRICAL CONTRACTOR
*CPVC PIPING TO/FROM HEATER BY MECHANICAL CONTRACTOR



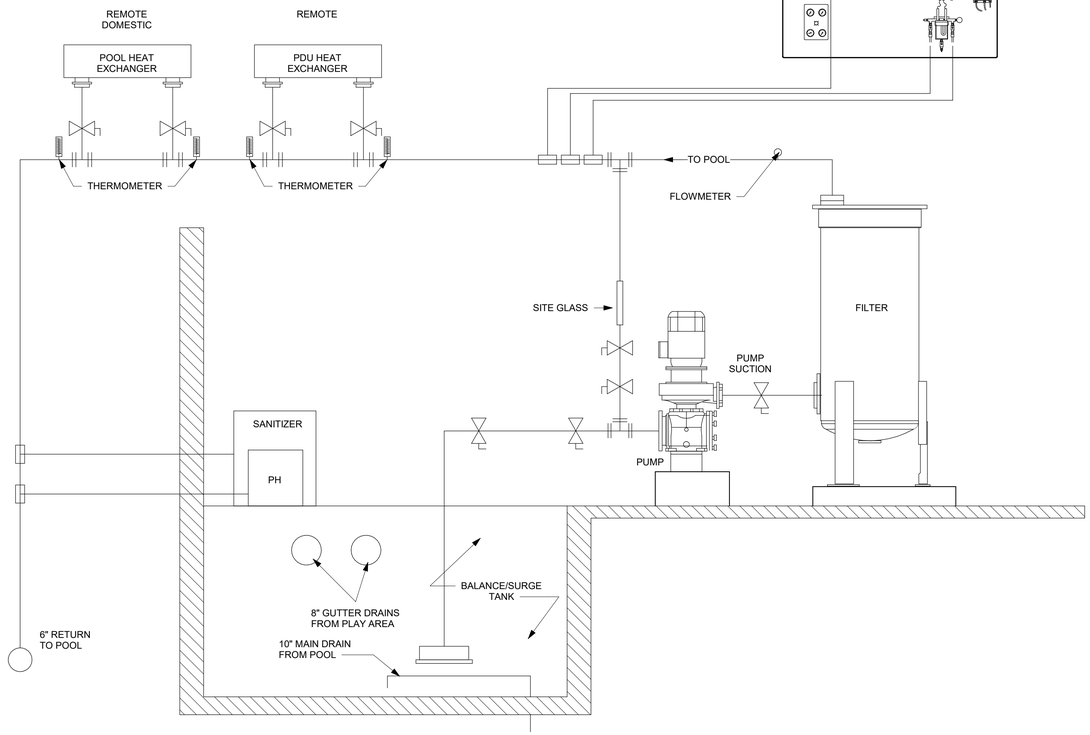
1 HEATER TAPS DETAIL
1" = 1'-0"



2 POOL FILL DETAIL
1 1/2" = 1'-0"



3 FLOW METER INSTALLATION
1 1/2" = 1'-0"



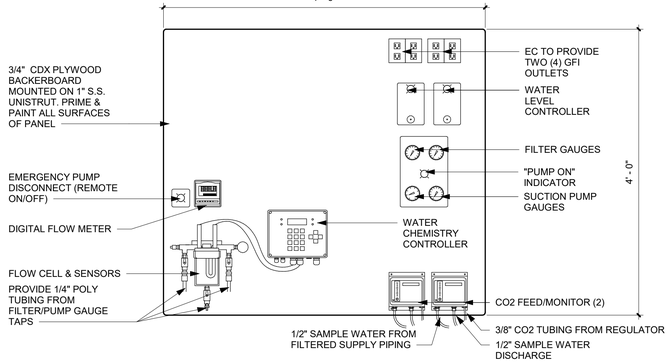
4 POOL FILTRATION SCHEMATIC
1/2" = 1'-0"

CONTROL PANEL LAYOUT IS SCHEMATIC IN NATURE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL NECESSARY CONNECTIONS FOR A FUNCTIONING SYSTEM

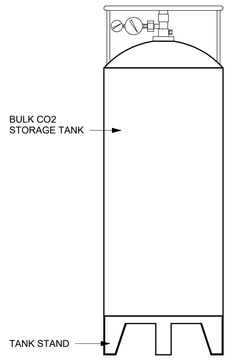
ALL POLY TUBING REQUIRED FOR A COMPLETE SYSTEM IS TO BE PROVIDED BY THE POOL CONTRACTOR

GROUND ALL POOL EQUIPMENT PER NEC REQUIREMENTS

CHEMISTRY CONTROLLER TO RECEIVE A SIGNAL FROM THE FILTRATION SYSTEM. IF FILTRATION SYSTEM IS NOT RUNNING, CONTROLLER WILL NOT ALLOW THE CHEMICAL FEED SYSTEM TO BE OPERATED



5 CONTROL PANEL SCHEMATIC
1" = 1'-0"



GENERAL NOTES:

1. PROVIDE CARBON DIOXIDE DETECTOR IN FILTER ROOM
2. FILL AND VENT CONNECTIONS TO MEET LOCAL CODE REQUIREMENTS
3. SEE ENLARGED PLAN FOR FILL BOX LOCATION. COORDINATE FINAL LOCATION WITH ARCHITECT

6 CO2 STORAGE DETAIL
1" = 1'-0"

03/29/24 REBID REVISIONS CLOUDED

No.	Date	Revision
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No.	Date	Issue Notes
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1	12/7/2023	PERMIT SUBMISSION

Designed By:
Drawn By:
Checked By:
Reviewed By:
Submitted By:
Project Manager:
Date
Revision
Project ID 23303.culpeper
Drawing Date
CAD File Name 23303-sd-main-v2-092223
Plot Date 00/00/00

Design Firm
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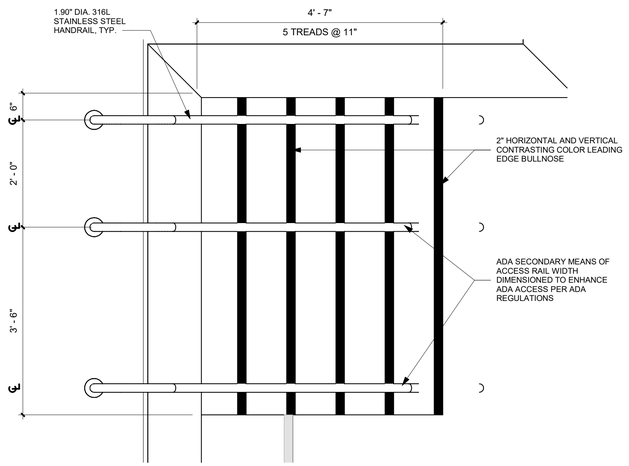
Project Title
Culpeper County Community Pool Project
16338 Commonwealth Drive
Culpeper, VA

Sheet Title
POOL EQUIPMENT DETAILS

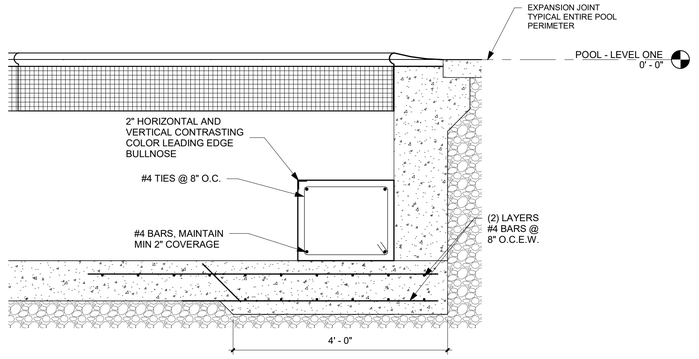
Scale

Sheet No.
AP501
— of —

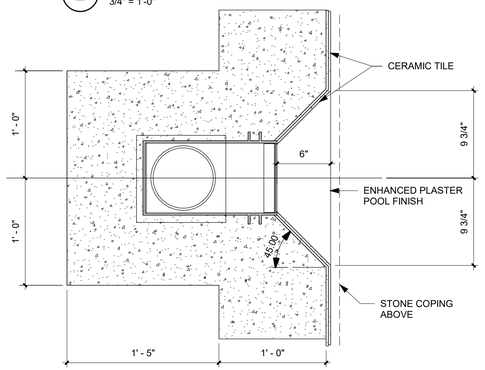
COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011462
ARCHITECT



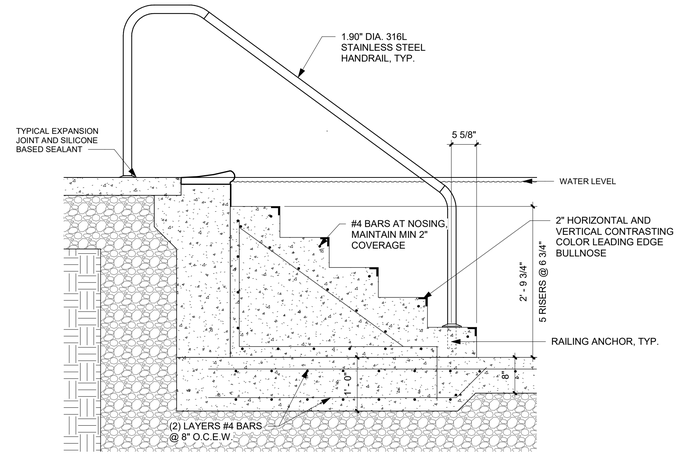
1 POOL STAIR PLAN
3/4" = 1'-0"



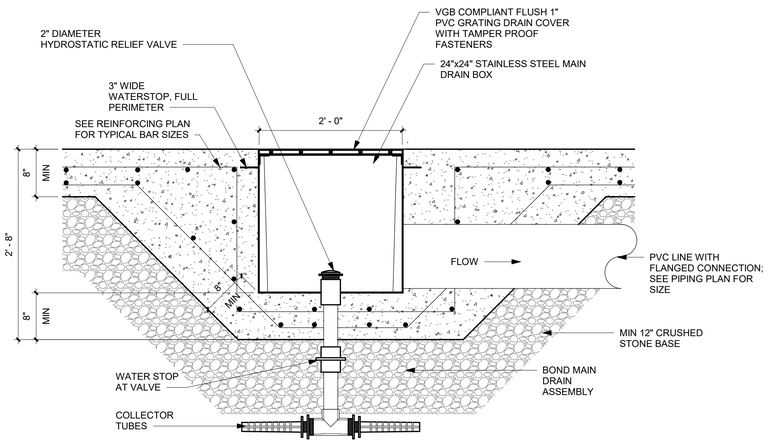
2 POOL BENCH DETAIL
3/4" = 1'-0"



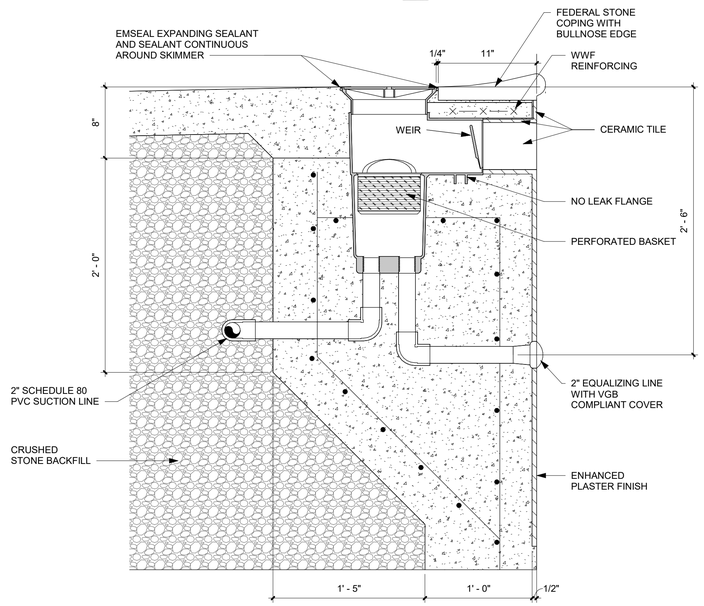
PLAN



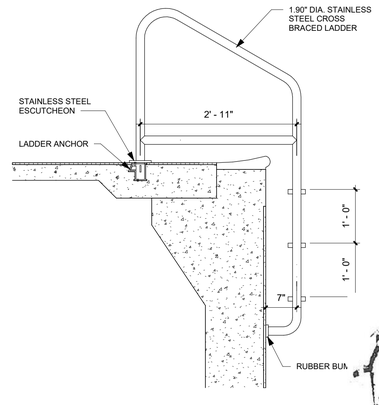
3 POOL STAIR SECTION
3/4" = 1'-0"



4 MAIN DRAIN DETAIL
1" = 1'-0"



5 SKIMMER DETAIL
1 1/2" = 1'-0"



6 POOL LADDER DETAIL
3/4" = 1'-0"

No.	Date	Revision
3	3/29/2024	REBID REVISIONS CLOUDED
2	1/5/2024	RE-SUBMISSION
1	12/7/2023	PERMIT SUBMISSION

Designed By:
Drawn By:
Checked By:
Project ID: 23303-culpepper
Drawing Date:
Checked By:
CAD File Name: 23303-std-mainCrp-092223
Submitted By:
Project Manager:
Plot Date: 03/00/00

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Lancaster, Pennsylvania 17603

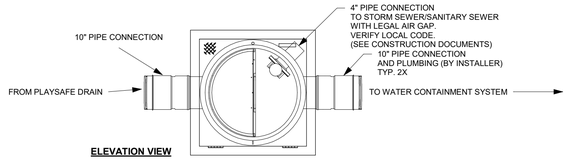
Project Title: Culpeper County
Community Pool Project
1638 Commonwealth Drive
Culpeper, VA

Sheet Title: INSTALLATION DETAILS

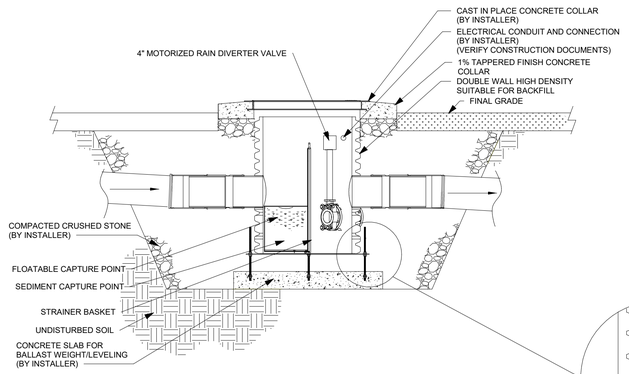
Scale

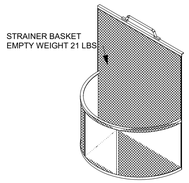
Sheet No.: AP502

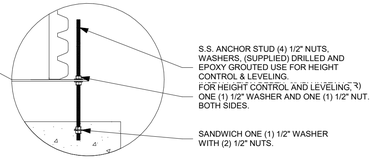
03/29/24 REBID ENTIRE SHEET



ELEVATION VIEW







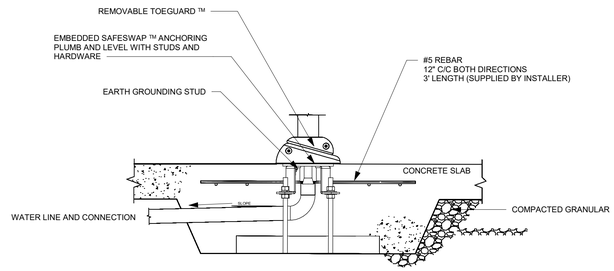
ANCHORING DETAILS

VORTEX - DEBRIS TRAP WITH RAIN DIVERTER DETAIL

1 1/2" = 1'-0"

GENERAL NOTE:

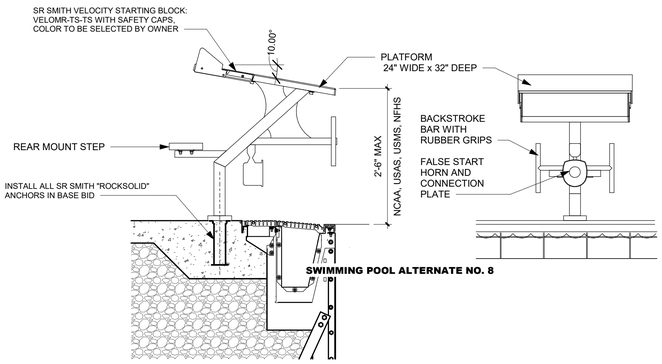
VORTEX COMPONENTS ARE BASIS OF DESIGN ONLY. SUBSTITUTIONS FROM AN APPROVED EQUAL MANUFACTURER ARE ACCEPTABLE.



VOR-55000-0430 SAFESWAP N°2 LARGE (TYPICAL DETAIL)

VORTEX - SAFESWAP NO2 DETAIL

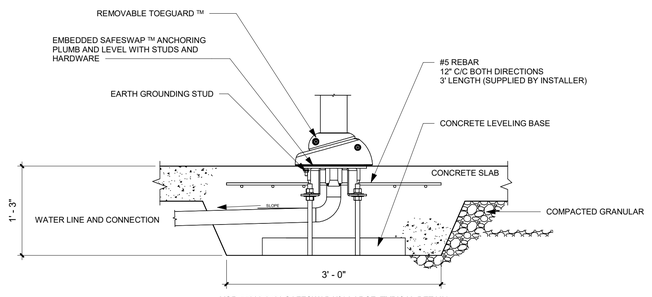
2 1" = 1'-0"



SWIMMING POOL ALTERNATE NO. 8

FUTURE STARTING BLOCK DETAIL

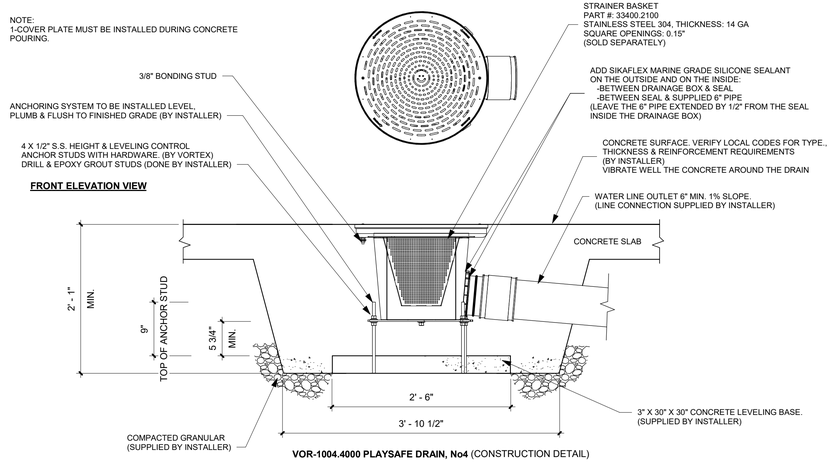
3 3/4" = 1'-0"



VOR-55000-0430 SAFESWAP N°1 LARGE (TYPICAL DETAIL)

VORTEX - SAFESWAP NO1 DETAIL

4 1" = 1'-0"



VOR-1004.4000 PLAYSAFE DRAIN, No4 (CONSTRUCTION DETAIL)

VORTEX - MAIN DRAIN DETAIL

5 1" = 1'-0"

No.	Date	Revision	Issue Notes
2	1/3/2024	REBID REVISIONS CLOUDED	
1	12/7/2023	RELEASE FOR BID PERMIT SUBMISSION	

Date
Revision
Project: 23703-culpeper
Drawing Code:
Cad File Name: 23703-sd-main-r2-062223
Plot Date: 00/00/00

Designed By
Drawn By:
Checked By:
Approved By:
Submitted By:
Project Manager

Design Firm:
NORMAN SMITH ARCHITECTURE
1341 H Street, Washington, DC 20002-4906
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Consultant:
WALLOVER ARCHITECTS, inc.
941 Wheatland Ave., Suite 304
Lancaster, Pennsylvania 17603

Owner's Rep.

Owner's Site:
Culpeper County
Community Pool Project
16388 Commonwealth Drive
Culpeper, VA

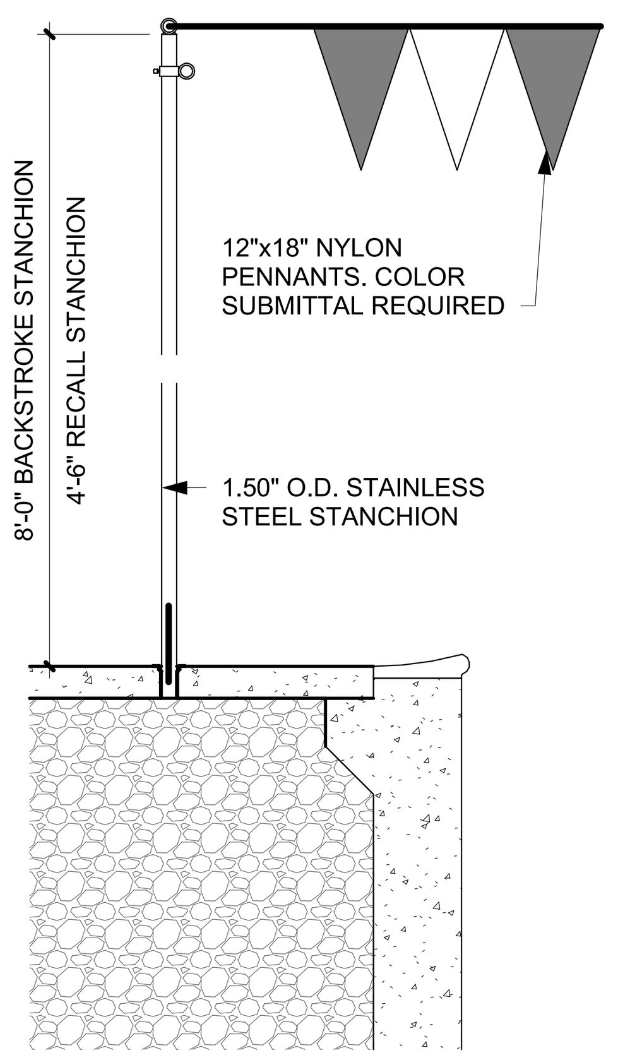
Sheet Title:
INSTALLATION DETAILS

Scale:

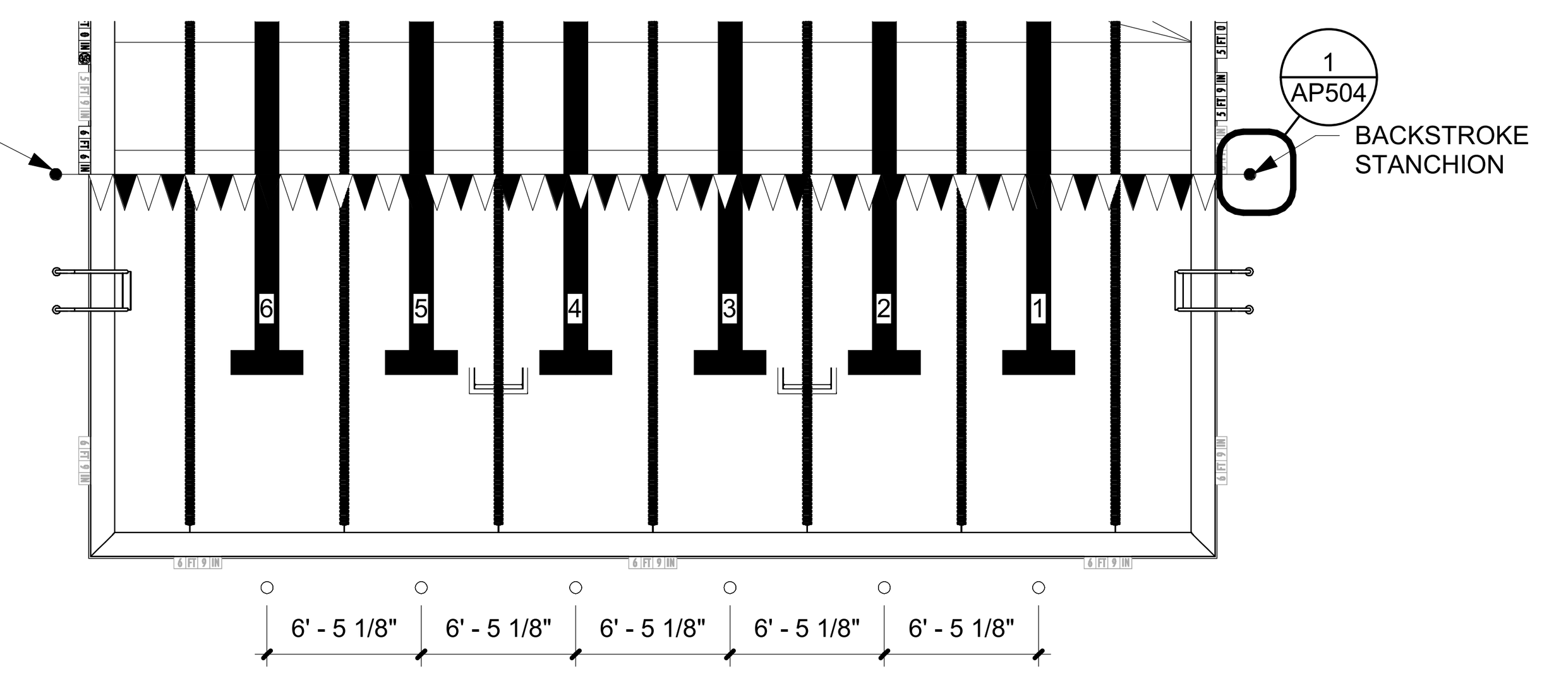
Sheet No.
AP503
Of
Project

03/29/24 REBID ENTIRE SHEET

COMMONWEALTH OF VIRGINIA
NORMAN KEFAUVER SMITH
No. 011662
ARCHITECT

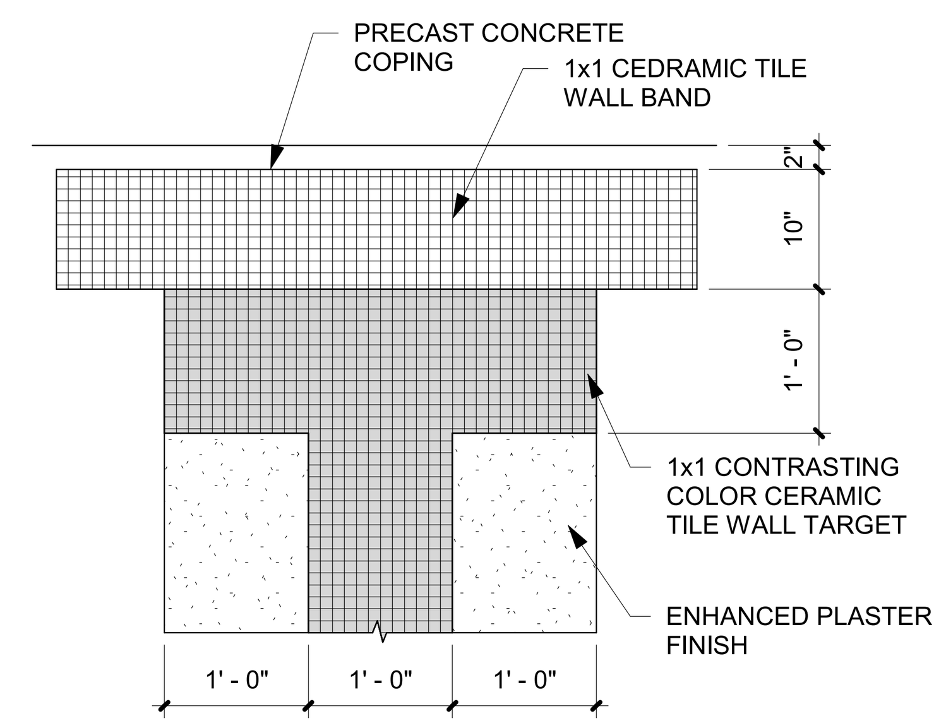


1 STANCHION DETAIL
1/2" = 1'-0"

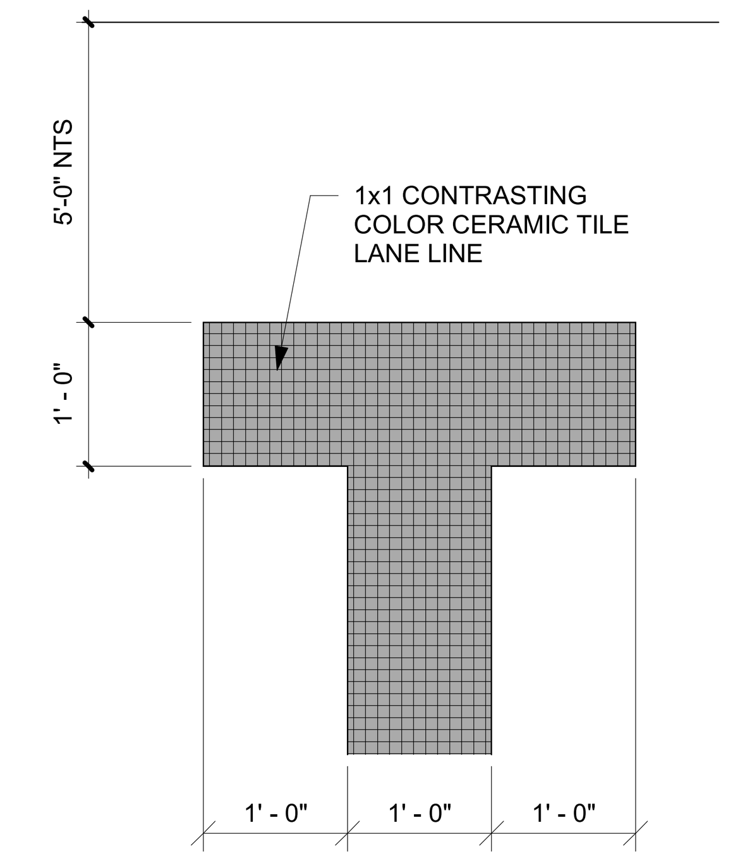


NOTE:
PENNANT LINE TYPICAL FOR BOTH SHALLOW AND DEEP END. NUMBERS MUST FACE RACERS. SUBMIT PENNANT COLOR, NUMBERING, AND GRAPHIC LAYOUTS FOR REVIEW AND APPROVAL PRIOR TO ORDERING.

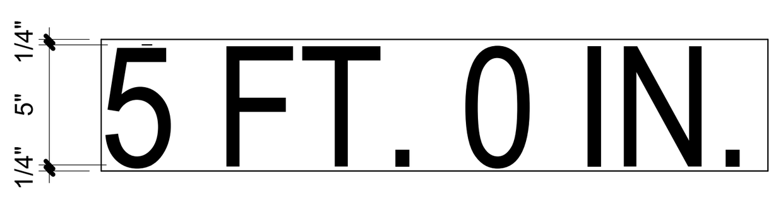
2 POOL PENNANT PLAN
1/8" = 1'-0"



3 TARGET DETAIL
3/4" = 1'-0"



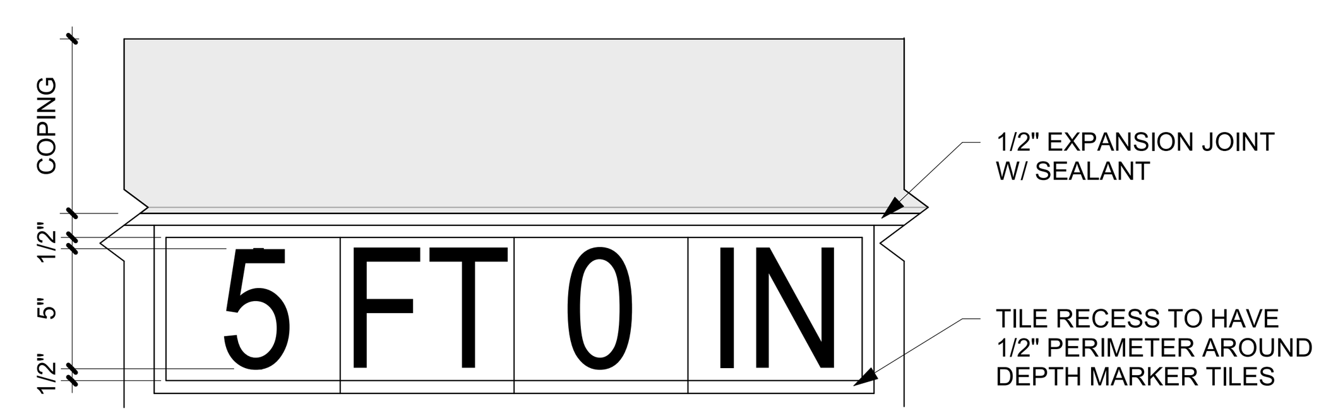
4 LANE LINE DETAIL
3/4" = 1'-0"



-SEE POOL SECTIONS FOR LOCATIONS OF DEPTH MARKERS
-POOL CONTRACTOR TO VERIFY ALL DEPTHS PRIOR TO INSTALLATION
-VINYL DEPTH MARKER TO BE APPLIED TO POOL WALL BELOW PVC GUTTER TRIM
-ALLOW 1/4" BORDER AROUND ALL TEXT

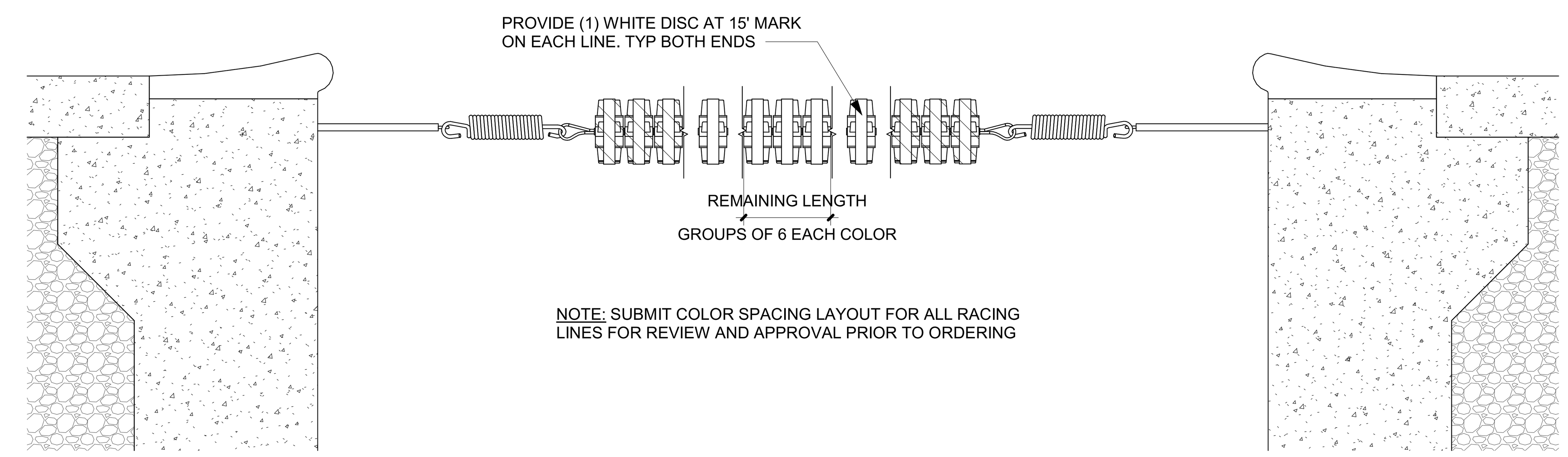
5 VERTICAL DEPTH MARKER
1 1/2" = 1'-0"

HORIZONTAL AND VERTICAL DEPTH MARKERS. SEE AP102 FOR HORIZONTAL LOCATIONS AND AP301 FOR VERTICAL LOCATIONS.



-SEE POOL PLAN FOR LOCATIONS OF DEPTH MARKERS
-POOL CONTRACTOR TO VERIFY ALL DEPTHS PRIOR TO INSTALLATION
-ALLOW 1/2" BORDER AROUND ALL TEXT

6 HORIZONTAL DEPTH MARKER
1 1/2" = 1'-0"



NOTE: SUBMIT COLOR SPACING LAYOUT FOR ALL RACING LINES FOR REVIEW AND APPROVAL PRIOR TO ORDERING

7 WAVE QUELLING ROPE DETAIL
1 1/2" = 1'-0"

No.	Date	Revision Notes	Zone	Appr
1	3/29/2024	REBID REVISIONS CLOUDED		

No.	Date	Issue Notes
3	1/24/2024	PLAN REVW COMMENT RESPONSES 01/24/2024
2	1/3/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION

Designed By
Drawn By
Checked By
Reviewed By
Submitted By
Project Manager

Date
Revision
Project ID 23703;culpeper
Drawing Code
CAD File Name 23703-sd-main-rz-082223
Plot Date 00/00/00

Design Firm
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Consultant
WALLOVER ARCHITECTS, inc.
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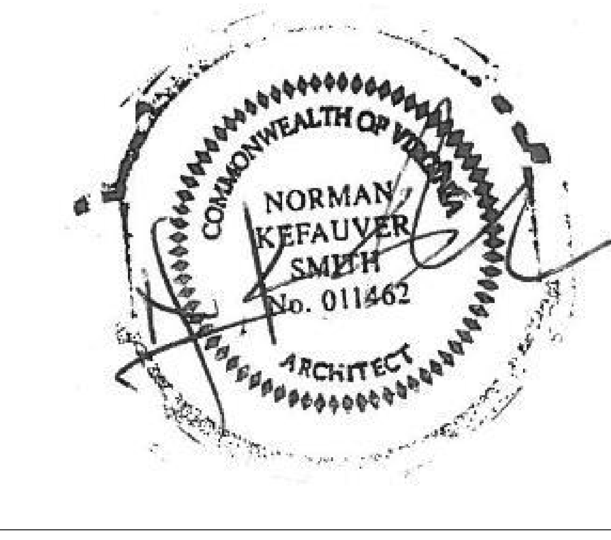
Lancaster, Pennsylvania 17603

Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
POOL EQUIPMENT DETAILS

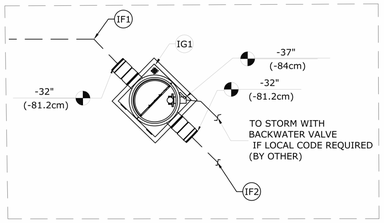
Scale



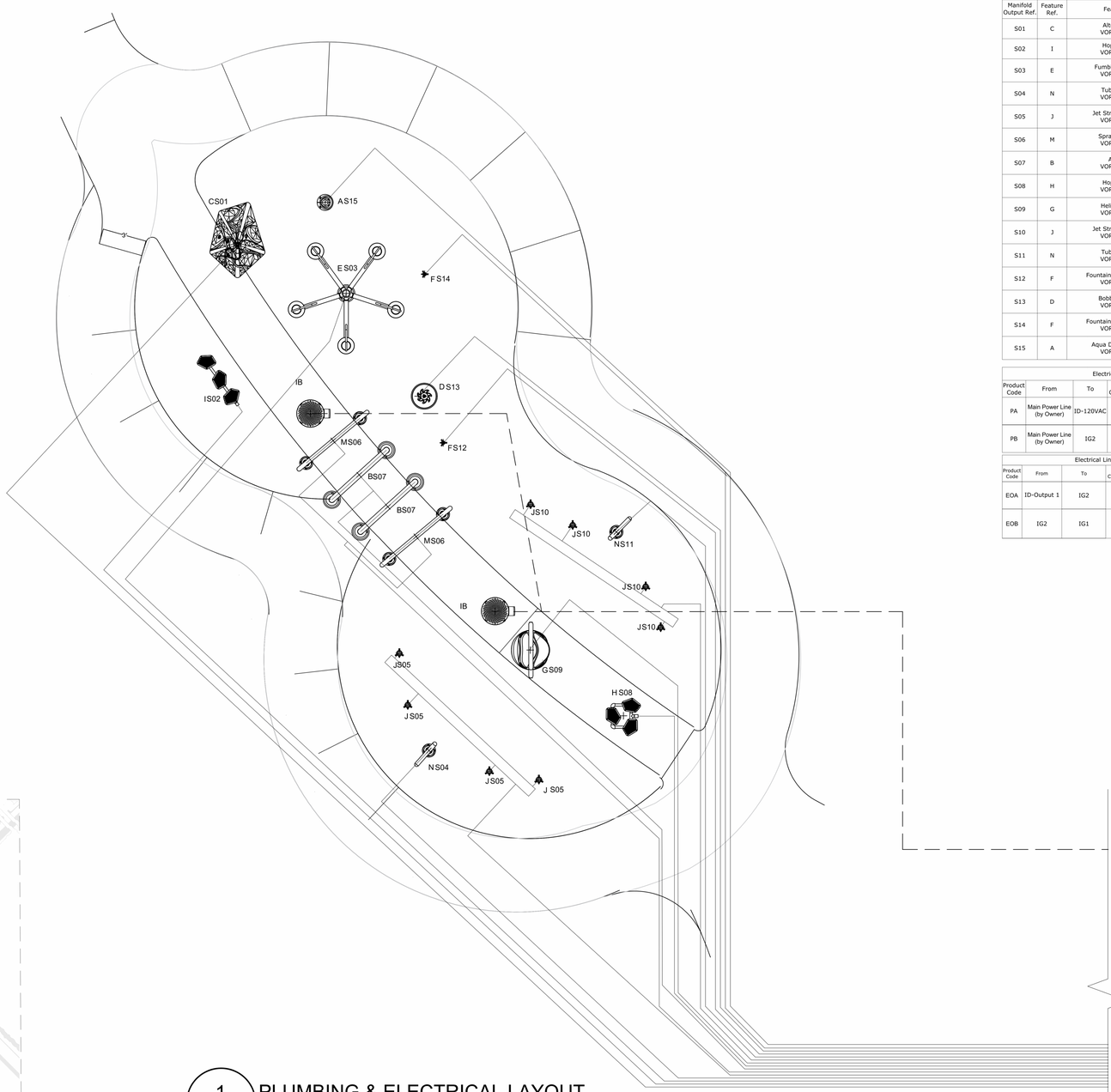
Sheet No.
AP504
of
03/29/24 REBID ENTIRE SHEET

* SUBMITTAL SHEET PROVIDED BY VORTEX AS BASIS OF DESIGN ONLY AND INCLUDED IN THIS RELEASE FOR BID SET FOR INFORMATION ONLY. SUBSTITUTIONS FROM AN EQUAL APPROVED MANUFACTURER ARE ACCEPTABLE.

03/29/24 REBID REVISIONS CLOUDED

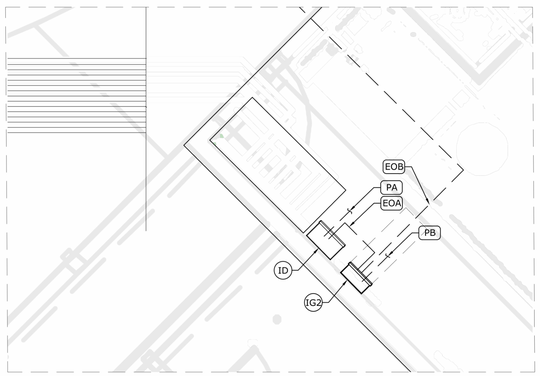


3 PE-001 PLUMBING & ELECTRICAL LAYOUT
SCALE: 1/4"=1'-0"



1 PE-001 PLUMBING & ELECTRICAL LAYOUT

WATER LINE
DRAIN LINE — — — — — —
ELECTRICAL LINE – – – – – – – –



2 PE-001 PLUMBING & ELECTRICAL LAYOUT
SCALE: 3/4"=1'-0"

Feature Connection Table						
Manifold Output Ref.	Feature Ref.	Feature	Qty	Line Size	Gpm	Output (ID1)
S01	C	Alto N°1 VOR 7130	1	1 ½"	6.5	1
S02	I	Hop N°2 VOR 7134	1	1 ½"	10	2
S03	E	Fumbling Five VOR 7384	1	1 ½"	20	3
S04	N	Tube N°1 VOR 0220	1	1 ½"	5	4
S05	J	Jet Stream N°2 VOR 0325	4	1 ½"	16	5
S06	M	Spray Loop VOR 0519	2	1 ½"	15	6
S07	B	Arch VOR 0515	2	1 ½"	27	7
S08	H	Hop N°1 VOR 7133	1	1 ½"	10	8
S09	G	Helio N°6 VOR 7241	1	1 ½"	13	9
S10	J	Jet Stream N°2 VOR 0325	4	1 ½"	16	10
S11	N	Tube N°1 VOR 0220	1	1 ½"	5	11
S12	F	Fountain Spray N°2 VOR 7676	1	1 ½"	3	12
S13	D	Bobble N°1 VOR 7232	1	1 ½"	6	13
S14	F	Fountain Spray N°2 VOR 7676	1	1 ½"	3	14
S15	A	Aqua Dome N°2 VOR 7530	1	1 ½"	14	15

Electrical Line Connections Power					
Product Code	From	To	# Conductors	Gauge/ Type	Note
PA	Main Power Line (by Owner)	ID-120VAC	3	TBD (by Other)	120V, 1 Phase, 60Hz, 10Amps Breaker Recommended ± 5% Voltage Drop is Acceptable
PB	Main Power Line (by Owner)	IG2	3	TBD (by Other)	120V, 1 Phase, 60Hz, 10Amps Breaker Recommended ± 5% Voltage Drop is Acceptable

Electrical Line Connections Controller Outputs					
Product Code	From	To	# Conductors	Gauge/Type	Note
EOA	ID-Output 1	IG2	2	16	Signal from MaestroPro Controller to Rain Diverter Junction Box 24VAC, Max 1 Amp (by Installer)
EOB	IG2	IG1	2	14	Signal from Rain Diverter Junction Box to rain Diverter Valve, 24 VAC, Max 1 Amp (by Installer)

Product Legend		
Product Ref.	Product	Qty
IB	Playsafe Drain N°4 VOR 1004	2
IC	Water Distribution Manifold; (By Other)	1
ID	4 output Controller 120V VOR-704.0000	1
IE	Pump Feed Line (by Installer)	1
IF1	6" Drain Line to Debris Trap (by Installer)	1
IF2	10" Drain Line to Surge Tank (by Installer)	1
IG	4" TYP Drain Line With Strainer Connected to Drainage System. Ensure P-Trap is Below Frost Line to Prevent Freezing. (by Installer)	1
IG1	Debris Trap HDPE with Rain Diverter Valve VOR- 5322.0000	1
IG2	Debris Trap Junction Box VOR-5322.0000	1

VORTEX
VORTEX AQUATIC STRUCTURES INTERNATIONAL

VORTEX USA Inc.
3500 South Dupont Highway,
Suite EP-101, Dover, Delaware
United States 19901
Phone: +1 (877) 586-7839

Culpeper County Pool

Project Location
VA
Project Number
41228
Version
VB

05/Dec/2023	Issued for Approval	00	BR
Date	Revision Description	No.	By

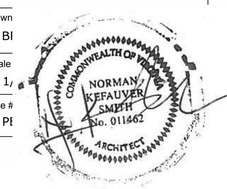
Drawing Title

Plumbing & Electrical Layout

Drawn BI

Scale 1/

Page # PE



No.	Date	Revision Notes
1	3/29/2024	REBID REVISIONS CLOUDED

No.	Date	Revision Notes
2	1/5/2024	RELEASE FOR BID
1	12/7/2023	PERMIT SUBMISSION

Design'd By
Drawn By
Checked By
Reviewed By
Submitted By
Project Manager
Date
Revision
Project ID 23703.culpeper
Drawing Code
CAD File Name 23703-std-main-r2-092223
Plot Date 00/00/00

Design'd For:
NORMAN SMITH ARCHITECTURE
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3837 Slate Mills Road, Sperryville, VA 22740
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Consultants:
WALLOVER ARCHITECTS, Inc.
941 Wheatland Ave., Suite 304
Lancaster, Pennsylvania 17603

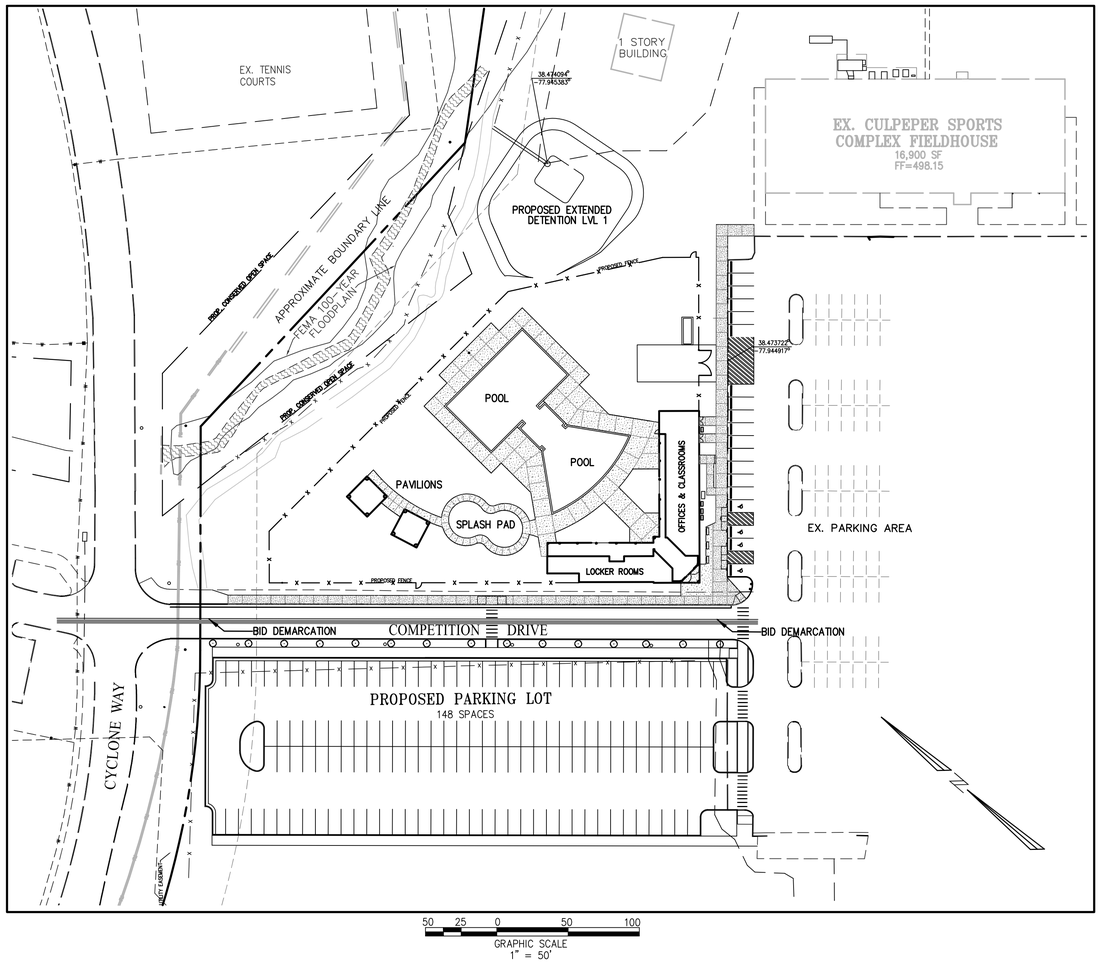
Culpeper County
Community Pool Project
16384 Commonwealth Drive
Culpeper, VA

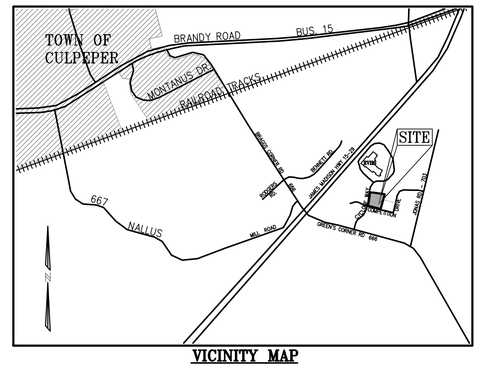
Project No.
Scale
Sheet No.

VORTEX - PLUMBING PLAN

AP600
of

SITE PLAN FOR
CULPEPER COUNTY POOL COMPLEX
CULPEPER COUNTY SPORTS COMPLEX
CULPEPER COUNTY, VIRGINIA





VICINITY MAP
SCALE: 1"=1000'

SITE PLAN NOTES

1. SITE IDENTIFICATION: 42-37 (±64.062 AC) 42-37C (±66.062 AC)

2. OWNER/APPLICANT: THE BOARD OF SUPERVISORS OF CULPEPER COUNTY

3. TOTAL SITE AREA: 130.124 ACRES

4. PROPOSED DEVELOPMENT: CONSTRUCTION OF COMMUNITY POOL COMPLEX WITH ASSOCIATED DTENTION POND AND PARKING AREA.

5. BOUNDARY INFORMATION FROM A PLAT BY TIMMONS GROUP, DATED 8-15-05 AND TOPOGRAPHICAL INFORMATION FROM A FIELD SURVEY BY PIEDMONT LAND SURVEYORS, DATED NOVEMBER 22, 2021. HORIZONTAL DATUM FROM PLATS OF RECORD AND VERTICAL DATUM ASSUMED.

6. ZONING: A1

7. SETBACK - 75', 100' FROM PRIMARY HIGHWAY

SIDE YARD - 40'
REAR YARD - 50'

8. WATER & SEWER TO BE PROVIDED BY TOWN OF CULPEPER.

9. A WETLAND INVESTIGATION WAS PERFORMED BY RAPPAHANNOCK ENVIRONMENTAL GROUP ON 11-15-2023 AND IT WAS DETERMINED THAT THE WETLANDS ARE CONFINED TO THE STREAM CHANNEL. NO IMPACTS ARE PROPOSED BY THIS PLAN.

10. THIS PLAN PROPOSES PARKING THAT WAS SHOWN ON PREVIOUSLY APPROVED PLANS FOR THE "NEW HIGH SCHOOL," PREPARED BY SHW GROUP L.L.P., DATED 8/9/2005 AND "CULPEPER COMMUNITY COMPLEX", PREPARED BY TIMMONS, DATED MAY 2002.

11. A LANDSCAPING PLAN AND LIGHTING PLAN AROUND POOL AND POOL BUILDING, BY OTHERS, SHALL BE PROVIDED AS A SEPARATE SUBMISSIONS.

SHEET INDEX

APPROVAL BLOCK

NOTICE REQUIRED

CONTRACTORS SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITY LINES IN THE AREA OF PROPOSED EXCAVATION OR BLASTING AT LEAST TWO WORKING DAYS, BUT NOT MORE THAN TEN WORKING DAYS, PRIOR TO COMMENCEMENT OF CONSTRUCTION.

ENGINEER'S CERTIFICATION

THE PROPERTY SHOWN HEREON IS IN THE NAME OF THE BOARD OF SUPERVISORS OF CULPEPER COUNTY, INSTRUMENT NUMBER 0-10794 AS FOUND IN THE LAND RECORDS OF CULPEPER COUNTY, VIRGINIA.

ENGINEER	LICENSE NUMBER	DATE
	VA PE 17596	1-3-2024

COMMONWEALTH OF VIRGINIA
MARVIN T. HINCHEY
LIC. NO. 017596
01-03-2024
PROFESSIONAL ENGINEER

No.	Date	Issue Notes
3	1/3/2024	SDI Comments
2	1/12/2024	Release for Bid
1	2/7/2024	Permit Subm

Engineer's Seal

Drawn By: MDH
Checked By: MH
Approved By: MH
Date: 1/3/2024
Project ID: 21703.culpeper
Drawing Scale: AS NOTED
File Name: AS NOTED
Project Manager: JOHN THRUSH

Owner
NORMAN SMITH ARCHITECTURE
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Consultant
HINCHEY & BAINES, PLC
ENGINEERING AND LAND PLANNING
1555 Powhatan Street
Suite 201
Culpeper, Virginia 22701
(540) 829-2229
FAX (540) 829-2239

Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
COVER SHEET

Scale

Sheet No.
C1 of 22

CONSTRUCTION NOTES

1. All construction shall conform to existing Town, State and County building codes. It is the contractor's responsibility to be aware of all applicable standards and specifications as well as required methods of construction. The contractor shall furnish all materials, labor, and equipment to perform all work, including restoration, for the completed installation of all improvements shown hereon or implied as necessary to complete the proposed improvements.

2. The contractor or his agent shall be responsible for digging test pits to determine the exact location of any existing underground utilities prior to the beginning of construction. In particular, test pits adjacent to existing high pressure gas mains shall be performed in the presence of a gas company representative and shall be hand dug according to their instruction. Utilities shown hereon are based on available information.

3. No title report was furnished. However, this property is subject to any existing easements, covenants and servitudes of record.

4. All erosion and sediment control practices shall be constructed and maintained in accordance with the minimum standards and specifications of the 1992 Virginia Erosion and Sediment Control Handbook and County ordinances. Removal of said controls shall be authorized by the County inspector but, at least, shall not be removed until permanent vegetative cover is established on all denuded areas.

5. Construction should be sequenced so that grading operations can begin and end as quickly as possible. Sediment trapping measures, such as silt fences, shall be installed and made functional before any land disturbing activity begins.

6. Engineered fill and backfill shall be approved select materials and shall be placed in six to eight inch layers and compacted at optimum moisture, plus or minus two percent, to a density of not less than 95 percent in accordance with A.A.S.H.T.O. T-99 or A.S.T.M. D-698.

7. No subsurface investigation has been performed by Hinchey and Baines, plc. to attest to the soil conditions or the presence of toxic or contaminated waste.

8. It shall be the responsibility of the contractor or developer to have sufficient soils and foundation testing performed to determine that the support values and C.B.R.'s are adequate for the standards shown on this plan.

9. All construction involving problem soils must be performed under the full-time inspection of a professional geotechnical engineer.

10. The contractor shall perform necessary grading to preclude the ponding of water on roadways and buildable areas.

11. There are no known gravesites on this site. In the event gravesites are discovered during construction, the County Zoning Office should be notified immediately. All activities must cease and shall not resume until authorization to proceed is granted by the County Zoning Office. Gravesites shall be protected in accordance with state law.

12. All fill materials and their subgrade will be approved by the soils engineer for this site.

13. A portion of the land hereon is located in the F.I.R.M. 100-year special floodplain area zone "A", as indicated on Flood Insurance Rate Map (FIRM) number 51047C0230D, effective date February 26, 2021. This remainder of the property is located in zone "X".

14. All wetland permits required by federal, state, and local laws and regulations shall have been obtained prior to initiating grading or any other on-site land disturbing activity.

15. The developer shall be responsible for the relocation of any utilities which may be required as a result of this project. The relocation should be done prior to construction.

16. The developer shall be responsible for any damage to the existing streets and utilities which occurs as a result of this project within or contiguous to the existing right-of-way.

17. All construction in street right-of-way shall be in conformance with standards and specifications of the Virginia Department of Transportation and the County of Culpeper.

18. There are no known historic buildings or features on site.

VEHICULAR ACCESS SPECIFICATION

FOR THE VEHICULAR ACCESSWAY TO THE POOL (SEE SHEET 4), USE 'GEOBLOCK 5150' TURF PROTECTION BY PRESTO GEOSYSTEMS (HEAVY DUTY 2" HIGH WALLS). GEOBLOCK TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. APPROVED EQUIVALENT MAY BE SUBSTITUTED.

PRESTO GEOSYSTEMS
STRENGTH, FROM THE GROUND UP. Since 1979

GEOBLOCK®5150
POROUS PAVEMENT SYSTEM
SPECIFICATION SUMMARY

Table 1 GEOBLOCK®5150 Porous Pavement Unit

Item	Specification & Details
Material	Up to 97% Recycled Polyethylene *
Color	Ranges Dark Shades Gray to Black
Chemical Resistance	Superior
Carbon Black for Ultraviolet Light Stabilization	1.5% - 2.0%
Unit Minimum Crush Strength (Empty) @ 70°F (21°C)	420 psi (2,900 KPa)
Unit Minimum Crush Strength (Sand-Filled) @ 70°F (21°C)	7,058 psi (48,734 KPa)
Flexural Modulus @ 70°F (21°C)	35,000 psi (240,000 kPa)
Nominal Dimensions (width x length)	20 in x 40 in (0.5 m x 1.0 m)
Nominal Unit Depth	2.0 in (50 mm)
Nominal Coverage Area	5.3 ft² (0.5 m²)
Cells per Unit	72
Cell Size	3.1 in x 3.2 in (79 mm x 81 mm)
Top Open Area per Unit	87%
Bottom Open Area per Unit	41%
Weight per Unit (nominal)	9 lb (4.1 kg)
Runoff Coefficient @ 2.5 in/hr (64 mm/hr) Rainfall	0.15
Units per Pallet	50

- * The percentage of recycled content may vary depending on availability of recycled materials.
- Dimensions and weight are subject to manufacturing tolerances and are influenced by recycled components.
- End-to-end or side-to-side warp of the GEOBLOCK5150 unit shall not be greater than 0.5 in (6 mm).
- Avoid specifications that state material compressive strength only. Material compressive strength, with applied factors of safety must be sufficient to resist compressive and lateral loads. In addition, ultra-high compressive strength adds little value to a porous pavement system.

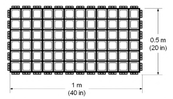


Figure 1 GEOBLOCK5150 Unit Nominal Dimensions

Figure 2 GEOBLOCK5150 Cell and Interlocking Offset Tab

PRESTO GEOSYSTEMS
670 N PERKINS STREET, APPLETON, WISCONSIN, USA 54914
920-738-1328 or 800-548-3424 | INFO@PRESTOGEO.COM | WWW.PRESTOGEO.COM

15 DECEMBER 2021

PRESTO GEOSYSTEMS
STRENGTH, FROM THE GROUND UP. Since 1979

GEOBLOCK®5150
POROUS PAVEMENT SYSTEM
SPECIFICATION SUMMARY

Table 2 Base Recommendations for GEOBLOCK®5150

Load Description[1]	*Depth of Engineered Base*	
	CBR² 2 – 4[3]	*CBR² > 4*[3]
Heavy Fire Truck Access & H/HS25 loading. Typical 110 psi (758 kPa) maximum tire pressure. Single axle loadings of 40 kips (178 kN), tandem axle loadings of 48 kip (220 kN). Gross vehicle loads of 90,000 lbs (40.1 MT). Infrequent passes[4]	6 in (150 mm)	4 in (100 mm)
Light Fire Truck Access & H/HS15 loading. Typical 85 psi (586 kPa) maximum tire pressure. Single axle loadings of 24 kips (110 kN). Gross vehicle loads of 60,000 lb (27.2 MT). Infrequent passes[4]	4 in (100 mm)	2 in (50 mm)
Utility & Delivery Truck Access & H/HS10 loading. Typical 60 psi (414 kPa) maximum tire pressure. Single axle loadings of 16 kips (75 kN). Gross vehicle loads of 40,000 lbs (18.1 MT). Infrequent passes[4]	2 in (50 mm)	2 in (50 mm)
Cars & Pick-up Truck Access. Typical 45 psi (310 kPa) maximum tire pressure. Single axle loadings of 4 kips (18 kN). Gross vehicle loads of 8,000 lbs (3.6 MT). Infrequent passes[4]	None	None
Trail Use. Loading for pedestrian, wheelchair, equestrian, bicycle, motorcycle and ATV traffic	None	None

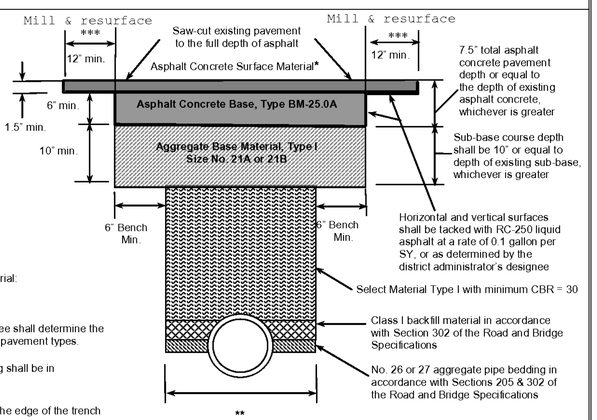
[1] The GEOBLOCK5150 system can be applied in areas where loading is greater than those listed above. In these situations, call Presto Geosystems or an authorized Presto Geosystems' representative for specific recommendations.

[2] CBR is the abbreviation for California Bearing Ratio. Methods for determining CBR vary from more sophisticated laboratory methods to simple field identification methods that use hand manipulation of the soil. Presto does not recommend one method over the other; however, the user must have a high degree of confidence in the results produced by the chosen method.

[3] If other-than-CBR soil strength values exist, use available correlation charts to relate the value to CBR.

[4] Infrequent passes is defined as the number of passes over any period of time that causes no lasting damage to the vegetation. This number will be a function of vegetation type and age, climatic conditions, and maintenance practices. This number is not a function of the GEOBLOCK5150 material.

Asphalt Pavement Restoration Detail for Open Cut Utility Installations



NOTES:

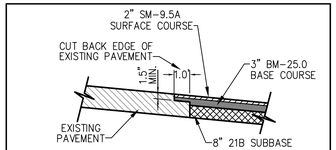
* Asphalt Concrete Surface Material:
SM-9.5A for ADT < 10,000
SM-9.5D for ADT > 10,000

The district administrator's designee shall determine the restoration requirements for other pavement types.

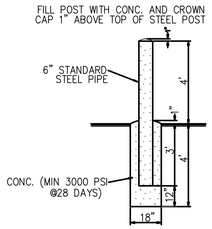
** Trench width and pipe bedding shall be in accordance with VDOT Std. PB-1

*** 12 inches minimum beyond the edge of the trench on longitudinal open cuts, or 25 feet minimum beyond the trench centerline on perpendicular open cuts, or as determined by the district administrator's designee.

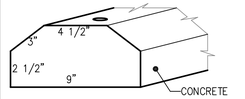
Date: August 27, 2014



PAVEMENT WEDGING DETAIL
N.T.S.



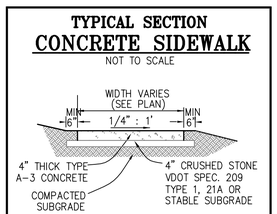
BOLLARD DETAIL
NOT TO SCALE



6 FT. – CONCRETE
9" WIDE
5" HIGH
2 STEEL BARS – REINFORCED
2 PRE-FORMED HOLES
APPROXIMATE WEIGHT – 210 LBS.

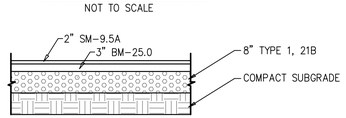
WHEELSTOP DETAIL
NOT TO SCALE

TYPICAL SECTION
CONCRETE SIDEWALK
NOT TO SCALE



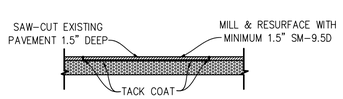
NOTE: SUBGRADE FOR ALL SIDEWALKS, SHALL BE COMPACTED TO MINIMUM 95% DENSITY AT OPTIMUM MOISTURE IN ACCORDANCE WITH AASHTO T99-61.
SIDEWALK UNDERDRAINS ARE TO BE USED WHEN THE SIDEWALK LONGITUDINAL GRADIENT IS 3% OR MORE AND WHEN THE UNDERLYING SOIL HAS 34% OR MORE PASSING THE No. 200 SIEVE AND HAS A PI OF 13 OR LESS.

TYPICAL SECTION
ON-SITE PAVING
NOT TO SCALE



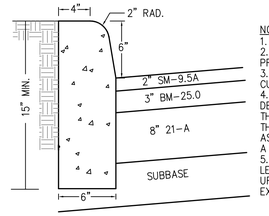
NOTE: PERFORM CBR TEST PRIOR TO DETERMINATION OF FINAL SUBGRADE ELEVATION. SUBGRADE DEPTH IS BASED ON SUBGRADE CBR VALUE OF 6. SOILS TEST OF SUBGRADE MUST BE SUBMITTED FOR ACTUAL DETERMINATION OF REQUIRED SUBBASE THICKNESS PRIOR TO CONSTRUCTION

TYPICAL SECTION
ASPHALT PAVING RESTORATION
NOT TO SCALE

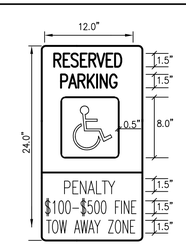


NOTE: HORIZONTAL AND VERTICAL SURFACES SHALL BE TACKED WITH RC-250 LIQUID ASHPALT AT A RATE OF 0.1 GALLON PER SY, OR AS DETERMINED BY THE DISTRICT ADMINISTRATOR'S DESIGNEE

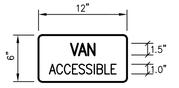
VDOT CG-2
NOT TO SCALE



NOTES:
1. THIS ITEM MAY BE PRECAST OR CAST IN PLACE.
2. CONCRETE TO BE CLASS A3 IF CAST IN PLACE, 4000 PSI IF PRECAST.
3. CURB HAVING A RADIUS OF 300 FT. OR LESS (ALONG FACE OF CURB) WILL BE PAID FOR AS RADIAL CURB.
4. THE DEPTH OF CURB MAY BE REDUCED AS MUCH AS 3" (15" DEPTH) OR INCREASED AS MUCH AS 3" (21" DEPTH) IN ORDER THAT THE BOTTOM OF CURB WILL COINCIDE WITH THE TOP OF A COURSE OF THE PAVEMENT SUBSTRUCTURE. OTHERWISE THE DEPTH IS TO BE 18" AS SHOWN. NO ADJUSTMENT IN THE PRICE BID IS TO BE MADE FOR A DECREASE OR AN INCREASE IN DEPTH.
5. THIS CURB IS TO BE USED WHEN DESIGN SPEED IS 40 MPH OR LESS ON RURAL HIGHWAYS AND 45 MPH OR LESS IN DEVELOPED URBAN & SUBURBAN AREAS. IF THESE DESIGN SPEEDS ARE EXCEEDED STANDARD CG-3 IS REQUIRED.



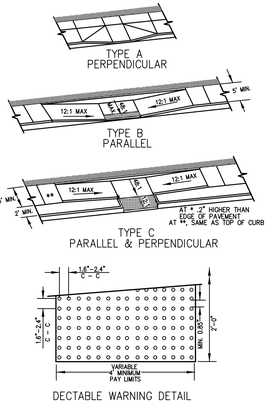
ACCESSIBLE PARKING SIGN
NEW VA. HANDICAPPED SIGN ON 0.80 GUAGE ALUM.
COLORS: GREEN BORDER & LEGEND, BLUE HANDI-CAPPED SYMBOL. WHITE EG. BACKGROUND



VAN ACCESSIBLE PARKING SIGN
COLORS: GREEN BORDER & LEGEND, WHITE EG. CAPPED SYMBOL. WHITE EG. BACKGROUND ON 0.80 GUAGE ALUM.

CG-12

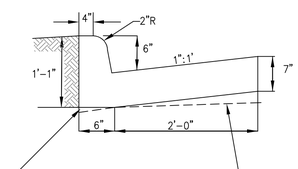
GENERAL NOTES:
1. THE DETECTABLE WARNING SHALL BE PROVIDED BY TRUNCATED DOMES.
2. DETECTABLE WARNING TO BE CLASS A-3 CONCRETE (CLASS A-4 IF PRECAST)
3. SLOPING SIDES OF CURB RAMP MAY BE POURED MONOLITHICALLY WITH RAMP FLOOR OR BY USING PERMISSIBLE CONSTRUCTION JOINT WITH REQUIRED BARS.
4. IF RAMP FLOOR IS PRECAST, HOLES MUST BE PROVIDED FOR DOWEL BARS SO THAT ADJOINING FLARED SIDES CAN BE CAST IN PLACE AFTER PLACEMENT OF PRECAST RAMP FLOOR. PRECAST CONCRETE SHALL BE CLASS A-4.
5. REQUIRED BARS ARE TO BE NO. 5 x 8" PLACED 1" CENTER TO CENTER ALONG BOTH SIDES OF RAMP FLOOR, MID-DEPTH OF RAMP FLOOR. MINIMUM CONCRETE COVER 1-1/2".
6. CURB / CURB AND GUTTER SLOPE TRANSITIONS ADJACENT TO CURB RAMPS ARE INCLUDED IN PAYMENT FOR CURB / CURB AND GUTTER.
7. CURB RAMPS ARE TO BE LOCATED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THEY ARE TO BE PROVIDED AT INTERSECTIONS WHEREVER AN ACCESSIBLE ROUTE WITHIN THE RIGHT-OF-WAY OF A HIGHWAY FACILITY CROSSES A CURB REGARDLESS OF WHETHER SIDEWALK IS EXISTING, PROPOSED, OR NONEXISTENT. THEY MUST BE LOCATED WITHIN PEDESTRIAN CROSSWALKS AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER, AND SHOULD NOT BE LOCATED BEHIND VEHICLE STOP LINES, EXISTING LIGHT POLES, FIRE HYDRANTS, DROP INLETS, ETC. ACCESSIBLE ROUTES PROVIDE A CONTINUOUS UNOBSTRUCTED, STABLE, FIRM AND SLIP RESISTANT PATH CONNECTING ALL ACCESSIBLE ELEMENTS OF A FACILITY THAT CAN BE APPROACHED, ENTERED AND USED BY PEDESTRIANS.
8. RAMPS MAY BE PLACED ON RADIAL OR TANGENTIAL SECTIONS PROVIDED THAT THE CURB OPENING IS PLACED WITHIN THE LIMITS OF THE CROSSWALK AND THAT THE SLOPE AT THE CONNECTION OF THE CURB OPENING IS PERPENDICULAR TO THE CURB.
9. TYPICAL CONCRETE SIDEWALK IS 4" THICK, WHEN THE ENTRANCE RADII CANNOT ACCOMMODATE THE TURNING REQUIREMENTS OF ANTICIPATED HEAVY TRUCK TRAFFIC, REFER TO STANDARD CG-13, COMMERCIAL ENTRANCE (HEAVY TRUCK TRAFFIC) FOR CONCRETE DEPTH.
10. WHEN CURB RAMPS ARE USED IN CONJUNCTION WITH A SHARED USE PATH, THE MINIMUM WIDTH SHALL BE THE WIDTH OF THE SHARED USE PATH.



CG-12 DETECTABLE WARNING SURFACE
GENERAL NOTES
VIRGINIA DEPARTMENT OF TRANSPORTATION

CG-6

NOTES:
1. THIS ITEM MAY BE PRECAST IN PLACE
2. CONCRETE TO BE CLASS A3 IF CAST IN PLACE,4000 PSI IF PRECAST
3. COMBINATION CURB & GUTTER HAVING A RADIUS OF 300 FT. OR LESS (ALONG FACE OF CURB)SHALL BE PAID FOR AS RADIAL COMBINATION CURB & GUTTER.
4. FOR USE WITH STABILIZED OPEN GRADED DRAINAGE LAYER, THE BOTTOM OF THE CURB AND GUTTER SHALL BE CONSTRUCTED PARALLEL TO THE SLOPE OF SUBBASE COURSES, AND TO THE DEPTH OF PAVEMENT.
5. THIS CURB MAY BE USED WHEN DESIGN SPEED IS 40 MPH OR LESS ON RURAL HIGHWAYS AND 45 MPH OR LESS IN DEVELOPED URBAN & SUBURBAN AREAS, IF THESE DESIGN SPEEDS ARE EXCEEDED STANDARD CG-7 IS REQUIRED.



COMBINATION 6" CURB & GUTTER
VIRGINIA DEPARTMENT OF TRANSPORTATION
210.03

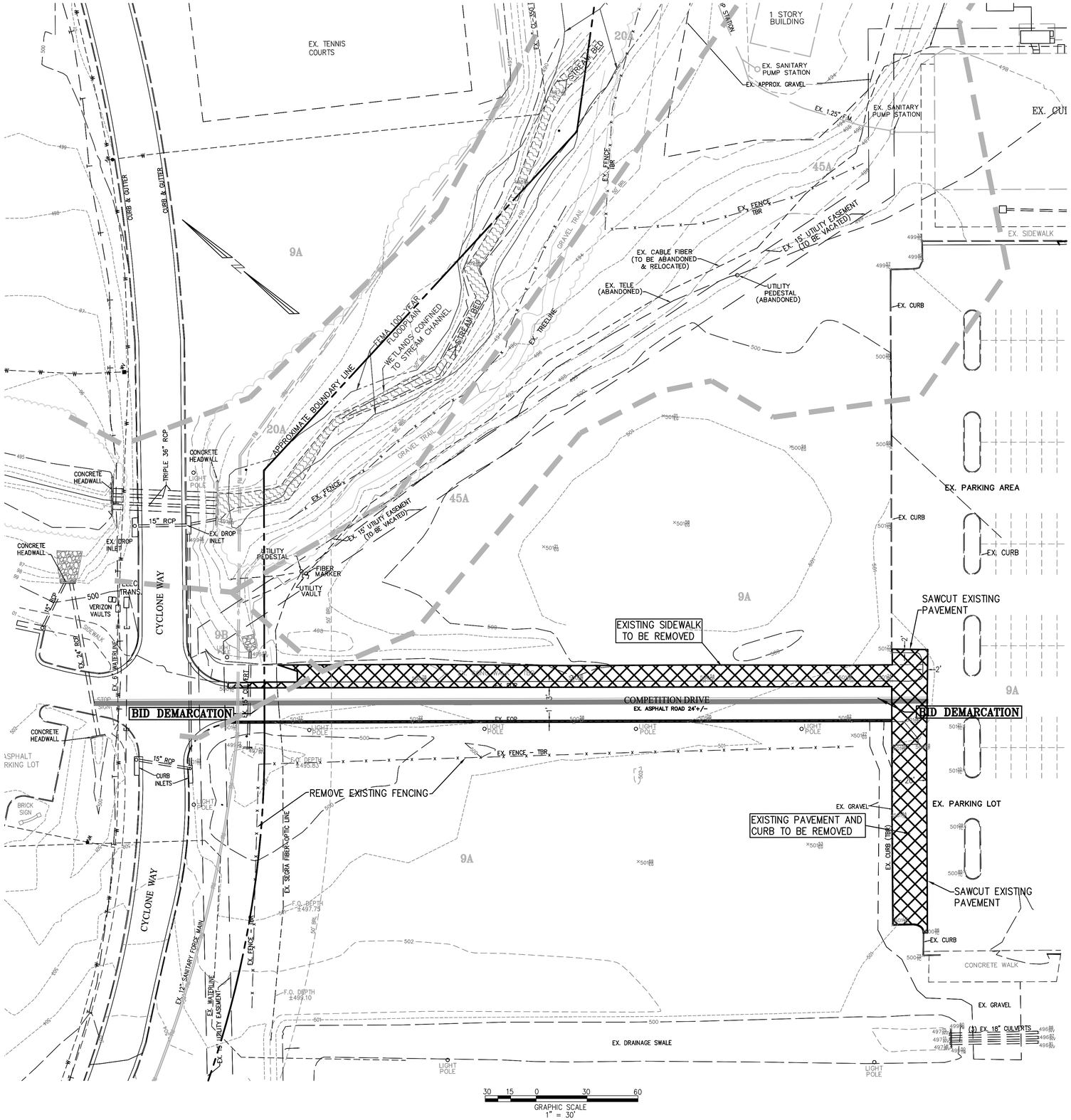
No.	Date	Issue Notes
1	1/2/2024	SDI comments
2	1/5/2024	Release for Bid

Project No. 21703 | Scale | Sheet No. C2 of 22

Project Title: Culpeper County Community Pool Project, 16388 Competition Drive, Culpeper, VA
Sheet Title: NOTES AND DETAILS

Design Firm: NORMAN SMITH ARCHITECTURE, 1341 H Street, Washington, DC 20002-4806, T 202.462.3888, www.normansmitharchitecture.com
Civil Engineer: HINCHEY & BAINES, PLC, ENGINEERING AND PLANNING, 125 East Davis Street, Culpeper, Virginia 22701, Phone (540) 829-2220, FAX (540) 829-2239

Designed By | Drawn By | Reviewed By | Approved By | Field Date | Project Manager



SOIL DATA

MAP SYMBOL	HYDRIC (*)	K FACTOR WHOLE SOIL	K FACTOR ROCK FREE	HYDRO-LOGIC	DEPTH FT.	DEPTH TO WATER FT.	SAT HYDRO. COND.	SOIL NAME	AVAILABLE WATER CAPACITY (SHRINK/SWELL)	FLOODS
9A	5%	0.43	0.43	C	2.3	6+	MOD HI	CLOVER-PENN COMPLEX 0-2% SLOPES	0.13	N
20A	95%	0.37	0.37	C	2.3	6+	MOD HI	ELBERT SILT LOAM 0-2% , OCC. PONDED	0.11	FREQUENT
45A	5%	0.43	0.43	C	2.5	6+	MOD HI	PENN-NESTORIA COMPLEX 0-2% SLOPES	0.13	N

AS LISTED BY THE USDA, SOIL CONSERVATION SERVICE

COMMONWEALTH OF VIRGINIA
MARVIN T. HINCHEY
LIC. NO. 017596
PROFESSIONAL ENGINEER
01-03-2024

No.	Date	Issue Notes
3	1/3/2024	SDI Comments
2	1/12/2024	Release for Bid
1	2/5/2024	Permit Submittal

Project No. 21703 culpeper
Drawing Scale
CAD File Name
Plot Date

Designed By
Drawn By
Reviewed By
Approved By
Project Manager

Design Firm
NORMAN SMITH ARCHITECTURE
1341 H Street, Washington, DC 20002-4806
3637 Slate Mills Road, Sperryville, VA 22740
T 202.462.5885 www.normansmitharchitecture.com

HINCHEY & BAINES, PLANNING
ENGINEERING AND LAND SURVEYING
125 East Davis Street
Suite 101
Culpeper, Virginia 22701
Phone (540) 829-2220
FAX (540) 829-2229

Culpeper County
Community Pool Project
16308 Competition Drive
Culpeper, VA

EXISTING CONDITIONS & DEMOLITION PLAN

Scale
Sheet No.

C3 of 22

EX. TENNIS COURTS

EX. STREAM BED

38.474094°
-77.945383°

7.8 SY CL A1 RIPRAP

EX. SANITARY PUMP STATION

EX. APPROX. GRAVEL

PROP. GAS LINE

EX. SANITARY PUMP STATION

PROP. 12" FORCE MAIN

EXTEND EX. LATERAL

PROP. SANITARY PUMP STATION

48" RISER TOP=494.00

PROPOSED EXTENDED DETENTION LVL 1

EX. FENCE TBR

PROVIDE 6' WEIR OVEFLOW @ 493.50

GABION BASKETS

FOREBAY

PROPOSED FENCE

PROP. 8" SAN. SEWER

LIMITS OF DISTURBANCE

EX. CURB

8" ROOF DRAIN

PROP. UGC TRANSFORMER

38.473722°
-77.944917°

55.33'

VEHICULAR ENTRANCE

26'

WHEEL STOPS

SECURITY CAMERA MAST

POOL

ROOF DRAIN LINE SCHEMATIC (SEE AP ARCH PLANS)

WATER PIPING SCHEMATIC (SEE AP ARCH PLANS)

REBID REVISION

EQUIP.ROOM

5" DRAIN LINE

PROP. 8' S/W

EX. PARKING AREA

EX. CURB

PROP. 1.5" W/L

PROP. FIBER CABLE

PROP. 6" BOLLARDS

PROP. CONSERVED OPEN SPACE

FEMA 100-YEAR FLOODPLAIN

WETLANDS CONFINED TO STREAM CHANNEL

APPROXIMATE BOUNDARY LINE

EX. TREELINE

TRIPLE 36" RCP

CONCRETE HEADWALL

EX. FENCE

LIMITS OF DISTURBANCE

15" RCP

EX. DROP INLET

UTILITY PEDESTAL

FIBER MARKER

UTILITY VAULT

CYCLONE WAY

ELEC. TRANS.

VERIZON VAULTS

SIDEWALK

EX. 24" RCP

EX. 6" WATERLINE

PAVILION FF 502.00

YARD HYDRANT

WATER PLAY AREA

PROP. 3/4" W/L

INV=497.00

PROP. 6' S/W

PROP. 8" W/L

PROP. FIBER CABLE

6" ROOF DRAIN

EX. CONC. WALK

EX. FENCE TBR

2" METER

PROP. 15' WATERLINE ESMT

COMPETITION DRIVE

EX. ASPHALT ROAD 24'+/-

CURB TAPERS

PROPOSED 7' SIDEWALK

VERANDA

FF 502.32

POOL BUILDING (OFFICES & CLASSROOMS) FF 502.32

POOL BUILDING (LOCKER ROOMS) FF 502.32

BENCHES

EX. CURB

PROP. 8' S/W

PROP. 1.5" W/L

EX. CURB

EX. PARKING AREA

PROP. FIBER CABLE

PROP. 6" BOLLARDS

BID DEMARCATION

BID DEMARCATION

0.66%

0.66%

CONCESSION WINDOW & SERVICE ENTRANCES DETAIL

SCALE: 1"=10'

GRAPHIC SCALE
SCALE: 1" = 20'

20 10 0 20 40

COMMONWEALTH OF VIRGINIA
MARVIN T. HINCHEY
LIC. NO. 017596
PROFESSIONAL ENGINEER
03-29-2024

No.	Date	Issue Notes
3	1/3/2024	SDI Comments
2	12/6/2023	Revised per permit subm
1	12/7/2023	

Drawn By: MH
Checked By: MH
Date: 12/7/2023
Drawing No.: 23703.culpeper
Scale: 1" = 20'
Project No.: 23703
Sheet No.: C4

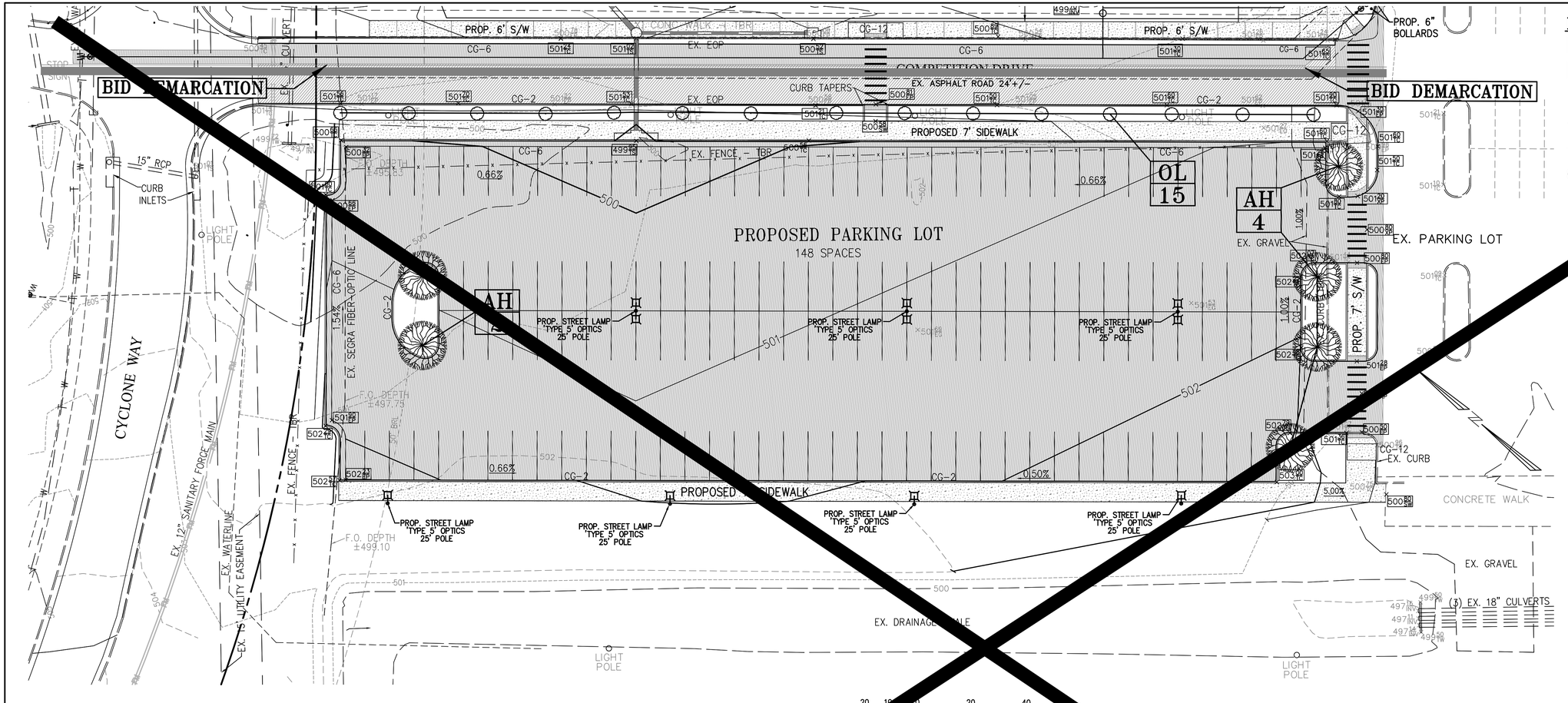
Owner: Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

SITE PLAN - POOL COMPLEX

Engineer: HINCHEY & BAINES, P.L.C.
ENGINEERING AND LAND PLANNING
329 East Davis Street
Culpeper, Virginia 22701
Phone (540) 825-2320
Fax (540) 825-2326

Surveyor: NORMAN SMITH ARCHITECTURE
Mailing Address: P.O. Box 1777 Warrenton, VA 20188
3837 Slate Mills Road Spenyville, VA 22740
T 202.462.5886 www.normansmitharchitecture.com

C4 of 22



NOT IN CONTRACT

LEGEND

- NEW PAVEMENT / PAVEMENT PATCH
- PAVEMENT OVERLAY

PLANT LEGEND

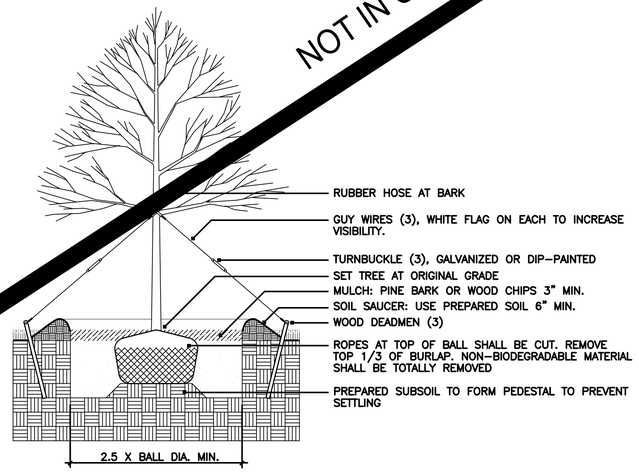
- AH — MEDIUM SHADE TREE: Ostrya Virginiana, American Hornbeam
- OL — SHRUB: Prunus Laurocerasus 'Otto Luyken', Otto Luyken Cherry Laurel

PLANT LIST

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	CALIPER	HEIGHT	CANOPY/ SPREAD	REMARKS	TOTAL
TREES:								
AH	6	Ostrya Virginiana	American Hornbeam	2-1/2" MIN.	6' MIN.	250 SF	B&B	1,500 SF
SHRUBS:								
OL	15	Prunus laurocerasus 'Otto Luyken'	Otto Luyken Cherry Laurel	–	18-24"	–	3 GAL	–

NOTES:

1. RUBBER HOSE MAY BE DELETED IF 3/4" NYLON STRAP IS USED.
2. REMOVE WIRE OR NYLON TWINE FROM BALL.
3. INSTALL TOP OF BALL 2" ABOVE FINISH GRADE.
4. SOAK ROOT BALL AND PLANT PIT IMMEDIATELY AFTER INSTALLATION
5. WRAP TREE TRUNK IF SPECIFIED ON PLANS. (SEE SPECS.)
6. LENGTH OF RUBBER HOSE TO BE 2/3 CIRCUMFERENCE OF TREE.
7. PLACE 2 WOOD STAKES PARALLEL TO STREET.
8. 4" SAUCER WILL BE OUTSIDE OF BACKFILL
9. SEE SPECIFICATIONS FOR OTHER PLANTING REQUIREMENTS.

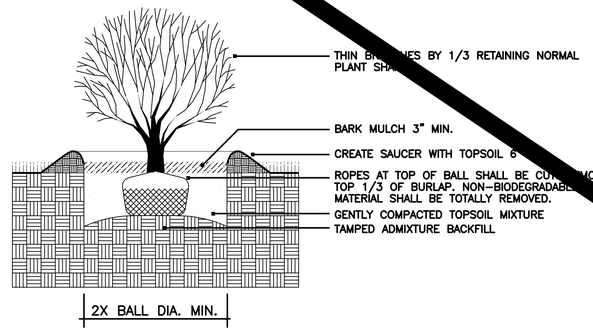


SINGLE-STEM TREE PLANTING DETAIL

NOT TO SCALE

NOTES:

1. OMIT COLLAR AROUND SHRUB WHEN IRRIGATION SYSTEM IS PRESENT.
2. INSTALL TOP OF PLANT BALL 2-3" ABOVE FINISH GRADE.
3. TAMP PLANTING MIX FIRMLY AS PIT IS FILLED AROUND PLANT BALL.
4. SOAK PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION
5. SEE SPECIFICATIONS FOR OTHER PLANTING REQUIREMENTS.



SHRUB PLANTING DETAIL

NOT TO SCALE

COMMONWEALTH OF VIRGINIA
MARVIN T. HINCHEY
LIC. NO. 017511
PROFESSIONAL ENGINEER
01-03-2024

No.	Date	Revision Notes
3	1/3/2024	SDI Comments
2	12/20/2023	Release for Bid
1	10/27/2023	permit submission

Issue Notes

Appr
Zone

Date
By
Revised By
Checked By
Drawn By
Project Manager

Project No. 23093.culpeper

Owner/Client
HINCHEY & BAINES, PLC
ENGINEERING AND LAND PLANNING
1502 Lee Highway, Suite 201, Fredericksburg, Virginia 22401
T (540) 899-9310 FAX (540) 629-2239

Design Firm
NORMAN SMITH ARCHITECTURE
1341 H Street, Washington, DC 20002-4906
3837 Slate Mills Road, Sperryville, VA 22740
T 202.482.5886 www.normansmitharchitecture.com

Project Title
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
SITE PLAN - ADDITIONAL PARKING AREA

Sheet No.
C5 of 22

SPECIFICATIONS FOR PLANTING

PLANT IDENTIFICATION: ALL PLANTS SHALL BE PROPERLY MARKED FOR IDENTIFICATION AND CHECKING.

LIST OF PLANT MATERIALS: THE CONTRACTOR WILL VERIFY PLANT QUANTITIES PRIOR TO BIDDING AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER. THE CONTRACTOR SHALL FURNISH AND PLANT ALL PLANTS REQUIRED TO COMPLETE THE WORK AS SHOWN ON THE DRAWINGS. SUBSTITUTIONS SHALL NOT BE MADE WITHOUT THE WRITTEN APPROVAL OF THE OWNER.

PLANT QUALITY: ALL SHRUBS SHALL BE DENSE, HEAVY TO THE GROUND, AND WELL GROWN, SHOWING EVIDENCE OF HAVING BEEN TRANSPLANTED REGULARLY, SHALL BE VIGOROUS, HEALTHY, AND OF GOOD COLOR. ALL PLANTS SHALL BE FREE OF PLANT DISEASE OR INSECT EGGS, AND SHALL HAVE HEALTHY NORMAL ROOT SYSTEMS. PLANTS SHALL BE FRESHLY DUG AND NOT HELD-IN STOCK, NOR STOCK FROM COLD STORAGE. ALL PLANTS SHALL BE NURSERY GROWN. PLANTS SHALL NOT BE PRUNED PRIOR TO DELIVERY. THE SHAPE OF A PLANT IN GENERAL SHALL CONFORM TO ITS NATURAL GROWTH PROPORTIONS, UNLESS OTHERWISE SPECIFIED. ALL PLANTS INCLUDING CONTAINER-GROWN SHALL CONFORM TO THE BRANCHING, CALIPER, AND HEIGHT SPECIFICATIONS OF THE MOST CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.

PLANT SPACING: PLANT SPACING IS TO SCALE ON PLAN. NO PLANTS ARE TO BE ESPALIERED MATERIAL SHALL BE CLOSER THAN 30 INCHES TO BUILDINGS.

SOIL MIX: SOIL MIX WILL BE 2/3 EXISTING SOIL, 1/3 LEAF MOLD OR EQUAL ORGANIC MATERIAL, THOROUGHLY MIXED AND HOMOGENIZED.

BALL SIZE: THE BALL SIZE SHALL CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK.

EXCAVATION: HOLES FOR ALL PLANTS SHALL BE 18 INCHES LARGER IN DIAMETER THAN SIZE OF BALL OR CONTAINER, AND SHALL HAVE VERTICAL SIDES. HEDGES SHALL BE PLANTED IN A TRENCH 12 INCHES WIDER THAN BALL DIAMETER. BEDS FOR MASS PLANTING SHALL BE ENTIRELY ROTOTILLED TO A DEPTH OF 8 INCHES AND SHALL BE 18 INCHES BEYOND THE AVERAGE OUTSIDE EDGE OF PLANT BALLS. ORGANIC MATERIAL (I.E., LEAF MOLD) WILL BE INCORPORATED INTO PLANT BED BY TILLING AGAIN. PROPORTIONS OF SOIL TO ORGANIC MATERIAL WILL BE 2 PARTS TO 1 PART.

PLANTING: BACKFILLING SHALL BE DONE WITH SOIL MIX, REASONABLY FREE OF STONES, SUBSOIL, CLAY, LUMPS, STUMPS, ROOTS, WEEDS, BERMUDA GRASS, LITTER, TOXIC SUBSTANCES, OR ANY OTHER MATERIAL WHICH MAY BE HARMFUL TO PLANT GROWTH OR HINDER GRADING, PLANTING, OR MAINTENANCE OPERATIONS. SHOULD ANY UNFORESEEN OR UNSUITABLE PLANTING CONDITIONS ARISE SUCH AS FAULTY SOIL DRAINAGE OR CHEMICAL RESIDUES, THEY SHOULD BE CALLED TO THE ATTENTION OF THE OWNER FOR ADJUSTMENT BEFORE PLANTING. THE PLANT SHALL BE SET PLUMB AND STRAIGHT AND SHALL BE STAKED AT THE TIME OF PLANTING. BACKFILL SHALL BE WELL WORKED ABOUT THE ROOTS AND SETTLED BY WATERING. PLANTS WILL BE PLANTED HIGHER THAN SURROUNDING GRADE. SHRUBS WILL BE 1 INCH HIGHER AND TREES WILL BE 3 INCHES HIGHER. REMOVE ROPE FROM AROUND TREE TRUNKS AND LAY BACK BURLAP FROM TOP OF B&B MATERIAL. NYLON OR VINYL ROPE AND/OR BURLAP WILL BE COMPLETELY REMOVED FROM ALL PLANT MATERIAL PRIOR TO PLANTING.

TRANSPLANTING TREES BY TREE MACHINES: TREES SHALL BE MOVED BY MACHINES THAT PROVIDE A MINIMUM BALL DIAMETER OF 12 INCHES PER 1 INCH OF TREE CALIPER. HOLES ARE TO BE DUG BY THE SAME SIZE MACHINE AS THE ONE TRANSPORTING THE PLANT. THE PLANT MATERIAL SHALL BE TRANSPLANTED IN APPROXIMATELY THE SAME GROWING CONDITION AS IT IS PRESENTLY GROWING, IN TERMS OF SOIL TYPE AND MOISTURE CONTENT. FERTILIZE AND GUY AS DESCRIBED IN THESE PLANS AND SPECIFICATIONS.

MAINTENANCE:
DEAD AND DYING TREES AND REPLACEMENTS.
THE APPLICANT SHALL REPLACE ANY TREES PLANTED ALONG THE FORESTED BUFFER THAT DIE WITHIN THREE (3) YEARS OF PLANTING. IF ANY TREES SHOWN ON THE APPROVED SITE PLAN TO BE PRESERVED OR PLANTED AS PART OF THE PERIMETER BUFFER BECOME DISEASED OR ARE DYING, THEN THE APPLICANT MAY REMOVE THOSE TREES. IF THE REMOVED TREES ARE PART OF THE SCREENING BUFFER AS SHOWN ON THE APPROVED LANDSCAPE/BUFFER PLAN, THEN THE APPLICANT SHALL REPLACE WITH SUCH NUMBER OF TREES AS ARE NECESSARY TO SATISFY THE SCREENING INTENT OF THE APPROVED LANDSCAPE/BUFFER PLAN. THE REPLACEMENT TREES MUST BE EQUIVALENT TO THAT SHOWN ON THE APPROVED PLAN.

PROTECTION:
THE APPLICANT SHALL BE RESPONSIBLE FOR AND EMPLOY REASONABLE EFFORTS FOR THE PROTECTION OF THE TOPS, TRUNKS AND ROOTS OF ALL EXISTING TREES, AS WELL AS OTHER VEGETATION ON THE SITE. PROTECTION DEVICES SHALL BE INSTALLED ALONG THE LIMITS OF CLEARING AND GRADING, PRIOR TO ANY CONSTRUCTION OCCURRING ON-SITE. SUCH PROTECTION SHALL BE MAINTAINED UNTIL ALL WORK IN THE VICINITY HAS BEEN COMPLETED, AND SHALL NOT BE REMOVED WITHOUT THE CONSENT OF THE ZONING ADMINISTRATOR.

TRANSPLANTING EXISTING TREES: HARDWOODS SHOULD BE TRANSPLANTED IN THE LATE FALL FOLLOWING THEIR LEAF DROP. EVERGREENS MAY BE TRANSPLANTED BEGINNING WITH THE FALL COOL-DOWN PERIOD (NORMALLY SEPTEMBER) AND MAY CONTINUE INTO SPRING PRIOR TO ELONGATION OF THE NEW GROWTH. PROPER DIGGING OF A TREE INCLUDES THE CONSERVATION OF AS MUCH OF THE ROOT SYSTEM AS POSSIBLE, PARTICULARLY THE FINE ROOTS. SOIL ADHERING TO THE ROOTS SHOULD BE DAMP WHEN TREE IS DUG, AND KEPT MOIST UNTIL PLANTING. THE SOIL (OR "ROOT") BALL SHOULD BE 12 INCHES IN DIAMETER FOR EACH INCH OF DIAMETER OF THE TRUNK. THE TREE SHOULD BE CAREFULLY EXCAVATED AND THE SOIL BALL WRAPPED IN BURLAP AND TIED WITH ROPE. SOIL AROUND BALLED AND BURLAPPED TREE ROOTS SHOULD BE DUG WITH THE TREE AND NOT JUST PACKED AROUND BARE ROOTS. BALLED AND BURLAPPED PLANT MATERIAL SHALL BE KEPT MOIST.

CULTIVATION: ALL TRENCHES AND SHRUB BEDS SHALL BE CULTIVATED, EDGED, AND MULCHED TO A DEPTH OF 3 INCHES WITH FINE SHREDDED HARDWOOD BARK. THE AREA AROUND ISOLATED PLANTS SHALL BE MULCHED TO AT LEAST A 6-INCH GREATER DIAMETER THAN THAT OF THE HOLE. PLANT BEDS ADJACENT TO BUILDINGS SHALL BE MULCHED TO THE BUILDING WALL.

MAINTENANCE: THE CONTRACTOR SHALL BE RESPONSIBLE DURING THE CONTRACT AND, UP TO THE TIME OF ACCEPTANCE, FOR KEEPING THE PLANTING AND WORK INCIDENTAL THERETO IN GOOD CONDITION, BY REPLANTING, PLANT REPLACEMENT, WATERING, WEEDING, CULTIVATING, PRUNING AND SPRAYING, STAKING, AND CLEANING UP, AND BY PERFORMING ALL OTHER NECESSARY OPERATIONS OF CARE FOR PROMOTION OF GOOD PLANT GROWTH, SO THAT ALL WORK IS IN SATISFACTORY CONDITION AT THE TIME OF ACCEPTANCE, AT NO ADDITIONAL COST TO THE OWNER.

FERTILIZER: FERTILIZER SHALL BE A SLOW-RELEASE TYPE CONTAINED IN POLYETHYLENE PERFORATED BAGS WITH MICROPORE HOLES FOR CONTROLLED FEEDING, SUCH AS "EASY GROW" AS MANUFACTURED BY SPECIALTY FERTILIZER, INC., BOX 355, SUFFERN, NEW YORK, 10901 OR APPROVED EQUAL. THE BAGS SHALL CONTAIN 1 OUNCE OF SOLUBLE FERTILIZER ANALYSIS 16-18-16 PER UNIT TO LAST FOR THREE YEARS AND SHALL BE APPLIED DURING PLANTING AS RECOMMENDED BY THE MANUFACTURER. IF FERTILIZER PACKETS ARE NOT USED, THE CONTRACTOR SHALL APPLY GRANULAR FERTILIZER TO THE SOIL MIX OF 10-6-6 ANALYSIS, 50% ORGANIC, AT THE FOLLOWING RATES:

TREE PITS:
2-3 LBS. PER CALIPER INCH

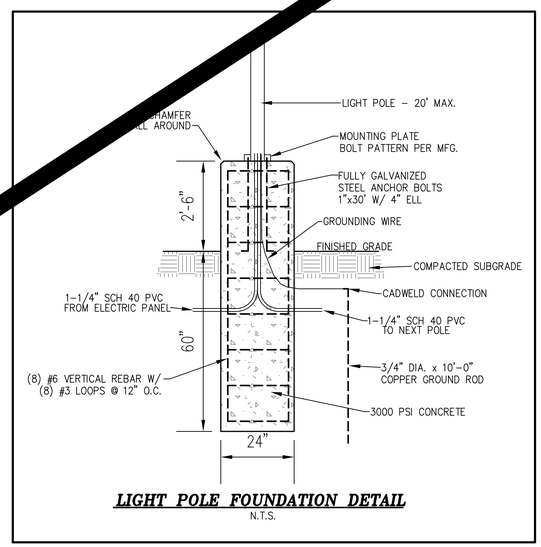
SHRUB BEDS:
3-5 LBS. PER 100 SQ. FT.

GROUND COVER:
2-3 LBS. PER 100 SQ.FT.

GROUND COVER: ALL AREAS OF GROUND COVER SHALL BE ROTOTILLED TO A DEPTH OF SIX INCHES. APPLY 2 INCHES OF ORGANIC MATERIAL AND ROTOTILL UNTIL THOROUGHLY MIXED. APPLY FERTILIZER AS STATED ABOVE.

LIGHTING NOTES

1. ALL FIXTURES TO BE MOUNTED AT 25' MOUNTING HEIGHT.
2. VERIFY THAT FIXTURES AND POLES MATCH AND ARE EQUIVOLENT TO THOSE IN THE EXISTING PARKING AREAS.
3. ENSURE COMPATIBILITY OF LIGHT FIXTURES, POLES AND BASES.
4. POLES WITHIN PARKING FIELDS SHALL BE POSITIONED PRECISELY AT THE JUNCTION OF THE MIDLINE OF THE PARKING ROW AND THE PARKING SPACE LINE.
5. VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION.



LIGHT POLE FOUNDATION DETAIL
N.T.S.

NOT IN CONTRACT

MILLERBERND

ART (TAPERED)

Anchor Bolts
Anchor bolts conform to ASTM F1554 Grade-55 standards. Bolts have an "L" bend at one end and a minimum of 12" galvanized threads on the other end. Two galvanized flat washers per ASTM F436 and two galvanized hexagonal nuts per ASTM A563 Grade DH are provided with each bolt.

Base Style
The base plate is fabricated from ASTM A36 (carbon steel) or ASTM A240 (stainless steel). The base is fabricated with slotted bolt holes to allow for a +/- 0.5" variance in listed nominal bolt circle size. The base plate telescopes the pole shaft and is circumferentially welded top and bottom.

Shaft
The pole shaft conforms to ASTM A1011 Grade 50 (carbon steel) or ASTM A240 Grade 201LN (stainless steel) standards and is formed with a constant linear taper

Handhole
A reinforced handhole with cover, grounding lug, and hardware is provided with each pole assembly.

Mounting Options
The pole may be specified with a single tenon mount for pole top mounting or side drilled pattern. For multiple fixtures, an adapter should be used. A removable pole cap is provided for poles specified with side drill luminaire mounting.

Finish Options
Carbon steel poles may be specified as hot-dip galvanized per ASTM A123 and/or finish painted with our standard Millerbond Wet Coat Finish. Multi-sided stainless steel poles may be specified as frost /rust resistant stainless steel shot blast) finished or finish painted with our standard Millerbond Wet Coat Finish. Round stainless steel poles must be finish painted with our standard Millerbond Wet Coat Finish.

Hardware
All hardware and fasteners are supplied with each pole assembly. All structural fasteners are galvanized high-strength (carbon steel) or 18-8 (stainless steel).

STAINLESS STEEL

PART #	MOUNTING HEIGHT (FT)	WEIGHT (LBS.)	BASE O.D. (IN)	TOP O.D. (IN)	BOLT CIRCLE +/-.0.5 (IN)	BASE SQUARE (IN)	MAX EPA 90 MPH	MAX EPA 100 MPH	MAX EPA 110 MPH	MAX EPA 120 MPH	MAX EPA 130 MPH	MAX EPA 140 MPH	MAX EPA 150 MPH
ART-A-060-E-200	20'	93	6"	2.2"	9"	9	10.69	9.07	7.62	6.49	4.64	3.45	2.52	1.76
ART-A-065-E-200	20'	103	6.5"	2.7"	9.5"	9.5	12.22	10.37	8.71	7.05	5.37	4	2.94	2.07
ART-A-060-E-250	25'	103	6"	2.5"	9"	9	9.07	7.69	6.47	5.23	3.56	2.47	1.56	0.85
ART-A-070-E-250	25'	128	7"	3.5"	10"	10	10.69	9.07	7.62	6.47	4.54	3.11	1.95	1.04
ART-A-070-E-300	30'	137	7"	2.8"	9.5"	9.5	7.69	6.47	5.44	4.54	3.93	2.4	1.26	0.34
ART-A-080-E-300	30'	169	8"	3.8"	11"	11	10.69	9.07	7.62	6.78	4.42	2.58	1.2	
ART-A-080-E-350	35'	179	8"	3.1"	11"	10.3	9.07	7.69	6.47	5.84	3.93	2.4	1.26	0.34
ART-A-085-E-350	35'	199	8.5"	3.5"	11.5"	11.5	10.69	9.07	7.62	7.24	4.4	3.11	1.49	0.91
ART-A-085-F-350	35'	289	8.5"	3.5"	11.5"	11.5	17.21	12.41	10	7.2	6	4.66	3.58	
ART-A-080-E-400	40'	192	8"	3.5"	11"	11	4.14	2.12	1.06					
ART-A-090-E-400	40'	253	9"	3.4"	12.5"	12.5	5.83	2.83	1.66					
ART-A-090-F-400	40'	353	9"	3.4"	12.5"	12.5	14.42	10.09	7.86	5.36	4.24	3.03	2.08	
ART-A-100-E-450	45'	353	10"	3.7"	13.5"	13.5	3.9	1.79						
ART-A-100-F-450	45'	493	10"	3.7"	13.5"	13.5	10.91	7.63	5.12	3.34	1.96	0.9		
ART-A-100-F-500	50'	424	10"	3.0"	13.5"	13.5	8	5.24	3.09	1.55	0.36			

Other sizes are available. Consult factory for allowable weight and EPA ratings for custom sizes.
Weights include the base and pole shaft.
Stainless steel poles with a mounting height of 35 feet or more are 16-sided.

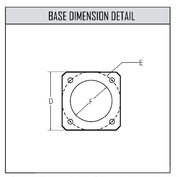
ART -	A -				-		-	-	-
Design	Base Style	Base Diameter	Wall Thickness	Pole Height	Mounting Style	Cross Section	Finish	Options
	A = Anchor	Base diameter is identified with one decimal place to identify diameter in inches. (e.g. 094 = 9.4")	A = 11 GA B = 7 GA C = 3/16" D = 1/4" E = 14 ga Stainless Steel F = 12 ga Stainless Steel	Actual pole height is identified in one decimal place to identify height in feet. (e.g. 225=25.5')	DM19 = Drill 1 @ 90; PT1 = 2.38" x 4" Tenon DM29 = Drill 2 @ 90; PT2 = 2.38" x 6" Tenon DM2180 = Drill 2 @ 180; PT3 = 2.38" x 4" Tenon DM3 = Drill 3 @ 90; PT4 = 3.5" x 6" Tenon DM4 = Drill 4 @ 90; PT5 = 4" x 6" Tenon PTS = Specialty Top Mount	R= Round H = 8-Sided W = 16-Sided	GV =Hot Dip-Galvanize FP = Finish Paint OP = Paint Over Galvanize FR = Frost (Stainless Steel Only)	Insert Part Number for options, separated by "-"

DIMENSIONAL TABLE

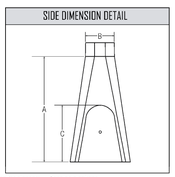
MODEL	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)	ANCHOR BOLT DIAMETER (IN)	VOLUME (IN³)	MATERIAL THICKNESS (IN)	MATERIAL (ASTM)	SIDES
40B385	24	4.7	8.3	13	11	6	0.75	2,015	0.0721	A240	8
40B377*	27	9.2	14.5	17	17	10.75	1.25	4,770	0.109	A240	16
40B346*	27	6.5	14.5	15	15	10.75	1.00	3,270	0.0721	A240	8
40B362*	27	8	14.5	15	15	10.75	1.00	3,680	0.109	A240	8
40B372*	27	10.3	14.5	17	17	10.75	1.25	5,115	0.109	A240	16
370B198	27	6.5	14.6	15.5	15	11	1.00	3,440	0.1196	A1011	8
370B188	27	7.9	14.6	15.5	15	11	1.00	3,835	0.1196	A1011	8
370B191	27	8.9	14.6	15.5	15	11	1.00	4,105	0.1196	A1011	8
370B200	27	9.8	14.6	15.5	15	11	1.25	4,388	0.1196	A1011	8

*FTHWA approved breakaway device

BASE DIMENSION DETAIL



SIDE DIMENSION DETAIL



**Please reference Millerbernd "Street and Area Lighting" catalog for standard H-Base pole options.

American LED Specifications

Project Name:

Catalog Number:

Type:

The new **American LED** Luminaire from Visionaire Lighting uses contemporary design with new LED technology; while maintaining traditional fixture image. The LEDs Performance and Life are optimized by the unique integral aluminum heat sink built into the fixture. Maintenance of the drivers is simplified by making them easily accessible and provided with quick wiring connections.

80, 144 or 224 LEDs are available in 350 or 530 mA rating providing up to 42,000 lumens. Seven optical distribution patterns are available and feature a 40 mA automotive pattern for the front row of auto dealerships. Color temperatures between 3000, 4000 or 5000 Kelvin temperature of the LEDs. The **American LED** series is an exceptional choice for auto dealerships, shopping centers, commercial parking lots and general parking area lighting.

Ordering Information

MODEL	OPTICS	LEDS	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS	OPTIONS
AME–2–L	T3 T5	80LC	3 350mA	3K 3000K	UNV 120-277V	KM Knuckle Mount	GY Grey	PCR-120 PCR-208	VWC Visionaire Wireless Controls *Consult factory
	T2 Type 2	144LC	5 530mA	4K 4000K	8 347V	BOA6 6" Bolt-On Arm	SL Silver Metallic	PCR-240 PCR-277	WSC-8 Motion Sensor 8' Mounting Height
	T3 Type 3			5K 5000K	5 480V	BOA10 10" Bolt-On Arm *Required for any 90 degree pole configuration (DIG/TRP/DR)	BK Black	PCR-347 Photocell & Receptacle	WSC-20 Motion Sensor 9-20' Mounting Height
AME–4–L	T4 Type 4	224LC				PER 5PINPER 7PINPER 3, 5, or 7 Pin Photo Receptacle w/shorting cap *3-pin/7 PIN Requires Dimming Driver	SBK Smooth Black		WSC-40 Motion Sensor 21-40' Mounting Height *WSC options will require (1) PSR-100 remote for programming
	T4A Type 4 Automotive					WM Wall Mount *Cast Wall Plate (BAWP) to be ordered separately	WH White		
	T5 Type 5					BAWP Bolt-On Arm Wall Plate	SWH Smooth White	PC-120 PC-208 PC-240 PC-277 Button Type Photocell	UPMA-S Universal Square Pole Mount Adapter
	T5W Type 5 Wide					SM Spider Mount *Fits 2-3/8" O.D.	BZ Bronze	DIM 0-10v Dimming Driver *No Controls	UPMA-R Universal Round Pole Mount Adapter
	T5WR Type 5 Wide Round						GP Graphite		RPP Round Pole Plate Adapter For 3'-0" - 5'-0" Pole
							CC Custom Color		

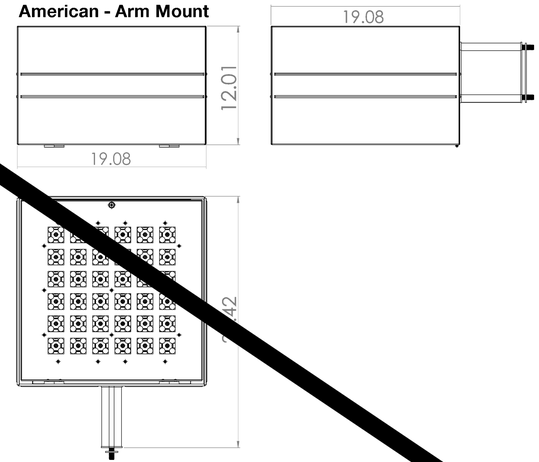
VISIONAIRE LIGHTING

American LED Specifications

Photometric Optical Summary

American EPA Data								
Fixture with Arm								WEIGHT
AME-2	2.2	4.0	4.4	6.0	5.1	7.1	2.6	29 lbs.
AME-4	3.4	6.2	6.8	9.2	7.8	10.9	3.9	68 lbs.

American - Arm Mount



VISIONAIRE LIGHTING

COMMONWEALTH OF VIRGINIA
MARVIN T. [illegible]
LIC. NO. 01[illegible]
01-03-2024
PROFESSIONAL ENGINEER

No.	Date	Issue Notes
3	2/2/2024	SDI Comments
2	12/5/2024	Revised per Comments
1	11/7/2024	Initial Submission

Project No. 23703 Culpeper
Drawn By
Checked By
Approved By
Submitted By
Date
Project Manager

Project Title: Culpeper County Community Pool Project 15580 Commonwealth Drive Culpeper, VA

Sheet Title: LANDSCAPE & LIGHTING DETAIL - PARKING AREA

Scale

Sheet No. C6 of 22

Design Firm: NORMAN SMITH ARCHITECTURE 1341 H Street, Washington, DC 20002-4896 Suite 400, Water Mill Road, Sperryville, VA 22740 T 202.462.3686 www.normansmitharchitecture.com

Civil Engineer: MILLER & BERNDT ENGINEERING & LAND PLANNING 125 East Davis Street Phone (540) 829-2220 Culpeper, VA 22701 FAX (540) 829-2239

CURVE TABLE

#	RADIUS	LENGTH	TANGENT	DELTA	CH BEARING	CHORD
C1	233.60'	119.59'	61.14'	29°19'55"	N 58°36'17" E	118.29'
C2	288.25'	298.32'	164.07'	59°17'48"	N 70°32'31" E	285.18'
C3	50.00'	48.04'	26.05'	55°2'49"	S 85°55'46" E	46.21'
C4	597.96'	159.06'	80.00'	15°14'26"	N 67°52'35" E	158.59'
C5	1377.39'	505.38'	255.57'	21°1'21"	N 64°59'7" E	502.55'
C6	1059.77'	382.59'	193.40'	20°41'3"	N 23°36'28" E	380.51'
C7	1041.36'	272.30'	136.93'	14°58'54"	N 20°51'28" E	271.52'
C8	1031.35'	189.68'	95.11'	10°32'15"	N 36°11'35" E	189.41'
C9	614.50'	452.54'	237.08'	42°11'40"	S 35°0'21" W	271.52'
C10	235.50'	172.94'	90.58'	42°4'29"	S 35°3'56" W	169.08'

LINE TABLE

#	BEARING	DIST.
L1	N 82°52'42" E	60.90'
L2	S 53°3'34" E	49.82'
L3	S 87°50'48" E	16.21'
L4	S 8°32'01" E	66.37'
L5	S 77°08'12" W	108.73'
L6	S 53°01'51" W	71.76'
L7	S 36°31'03" W	55.84'
L8	S 78°08'10" W	37.37'
L9	N 32°35'10" E	193.67'
L10	N 27°15'34" W	51.28'
L11	N 08°04'06" W	45.26'
L12	S 13°46'37" W	99.89'
L13	N 52°58'25" E	81.30'
L14	N 06°37'06" W	76.36'
L15	N 36°24'38" W	56.10'
L16	S 22°03'00" E	32.87'
L17	N 69°54'02" E	54.73'
L18	N 01°32'35" E	68.37'
L19	N 41°19'18" E	58.20'
L20	N 17°24'56" E	59.64'
L21	S 13°28'10" W	66.15'
L22	N 89°16'44" E	43.85'
L23	N 05°07'18" E	64.83'
L24	S 05°02'53" W	65.83'
L25	N 12°38'47" E	46.20'
L26	S 12°59'41" W	48.44'
L27	N 20°36'36" E	67.13'
L28	S 41°33'18" W	75.65'

PROPOSED CONSERVED OPEN SPACE

0.5987 AC
0.3056 AC
0.4227 AC
0.8950 AC
0.7144 AC
6.3200 AC
0.9438 AC
10.2002 AC

N 14°17'56" W 78.58'
C6
C7
N 41°07'09" E 78.58'
C8
LIMITED ACCESS AND PERPETUAL STREET EASEMENT
N 42°17'6" E
C5
0.5987 ACRES CONSERVED OPEN SPACE EASEMENT
L27
N 67°55'56" W 181.69'
S 89°56'11" E 174.42'
N 7°13'47" W 282.82'
S 70°12'25" E 290.42'
L26
TIE – 28.23' N 71°22'19" E
L25
N 71°22'19" E 282.80'
S 07°56'32" W 26.18'
0.3056 ACRES CONSERVED OPEN SPACE EASEMENT
L24
TIE – 25.23' S 86°20'10" W
L23
N 71°40'44" W 142.35'
N 64°28'16" W 138.43'
S 72°30'13" E 290.32'
85.03' S 14°49'46" W
TIE – 64.54' S 68°17'42" E
L12
0.4546 ACRES CONSERVED OPEN SPACE EASEMENT
N 75°29'48" W 298.78'
N 44°45'34" W 58.90'
LIMITED ACCESS AND PERPETUAL STREET EASEMENT
214.36'
N 14°1'42" E 110.90'
C10
1488.98' (TOTAL)
C9
S 12°54'31" W 157.04'
115.28'
41°16'
S 85°54'57" W 275.61'
S 85°44'48" W 271.68'
N 57°39'46" E 250.75'
N 7°22'44" E 134.73'
L13
L14
L11
L10
S 21°54'16" W 349.86'
L9
PROPOSED AREA OF CONSTRUCTION
S 42°18'17" E 142.54'
N 83°12'48" W 397.20'
1274.62'
N 75°29'48" W
TAX MAP 42-37
±64.062 ACRES
TAX MAP 42-37C
±66.062 ACRES
416.85'
N 38°19'54"
400.67'
121.33'
0.8950 ACRES CONSERVED OPEN SPACE EASEMENT
N 46°17'24" W 396.45'
S 39°46'54" W 407.04'
L28
N 41°33'18" E 136.03'
TIE – 40.47' N 57°09'18" W
N 65°09'35" W 253.72'
S 48°31'09" E 332.50'
N 66°14'15" W 82.47'
S 72.88' 39°13'39" W
TIE – 56.09' N 33°46'07" W
L15
C1
L16
N 24°47'07" W 162.64'
S 72°43'07" E 115.07'
S 83°20'28" E 154.96'
N 82°54'58" W 219.14'
L17
N 24°31'36" E 229.95'
L18
L19
L20
N 05°14'34" W 394.67'
S 05°14'34" E 396.82'
358.29'
427.82' (TOTAL)
495.43'
L1
S 6°44'14" E 123.61'
S 6°12'53" E
S 9°39'33" E 120.74'
S 41°8'33" E 75.60'
S 25°56'25" E 100.63'
L8
L7
L6
L5
L4
L3
L2
6.2881 ACRES CONSERVED OPEN SPACE EASEMENT
1055.69'
N 41°26'36" E
S 43°25'8" E 169.87'
S 70°33'9" E 232.51'
N 08°29'21" W 172.71'
S 3°28'25" W 165.20'
36.04'
166.90'
S 80°23'55" E 130.86'
181.51'
968.65' (TOTAL)
787.14'
S 15°52'14" E 156.33'
L22
L21
N 87°29'32" W 155.25'
61.73'
S 15°52'14" E
N 00°42'36" W 156.33'
S 9°46'26" W 265.36'
N 86°58'51" W 26.80'
N 86°58'51" W 95.10'
0.9438 ACRES CONSERVED OPEN SPACE EASEMENT

100 75 50 0 100 200
GRAPHIC SCALE
1" = 100'

COMMONWEALTH OF VIRGINIA
MARVIN T. HINCHEY
LIC. NO. 017596
01-03-2024
PROFESSIONAL ENGINEER

Issue Notes
No. Date
3 1/3/2024 SDI Comments
2 1/12/2024 Release for Bid
1 1/22/2024 permit submission

Project No. 23703-culpeper
Drawn By
Checked By
Approved By
Scale
Project Manager
Project File
Sheet No.

Agpr
Zone
Revision Notes

Owner/Client
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Consultant
HINCHEY & BAINES, PLC
ENGINEERING AND PLANNING
125 East Davis Street
Suite 201
Culpeper, Virginia 22701
Phone (540) 829-2220
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Design Firm
NORMAN SMITH ARCHITECTURE
1341 H Street, Washington, DC 20002-4906
3637 Slate Mills Road, Sperryville, VA 22740
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Sheet Title
PROPOSED CONSERVED OPEN SPACE PLAN

C7 of 22

EX. TENNIS COURTS

EX. 6" W

EX. 12" W

EX. 6" CL-350 DIP WATER

FEMA

STREAM BED

TO PUMP STATION

1 STORY BUILDING

UG PROPANE TANK

EX. SANITARY PUMP STATION

EX. APPROX. GRAVEL

PROP. GAS LINE

EX. 1.25" F.M.

EX. SANITARY PUMP STATION

PROP. 1.25" FORCE MAIN

EXTEND EX. LATERAL

PROP. SANITARY PUMP STATION

CO

CURB & GUTTER

CURB & GUTTER

PROP. CONSERVED OPEN SPACE

TREELINE

PROPOSED EXTENDED DETENTION LVL 1

GRAVEL TRAIL

30' BRL

FOREBAY

PROP. 8" SAN. SEWER

EX. CURB

FEMA 100-YEAR FLOODPLAIN

WETLANDS CONFINED TO STREAM CHANNEL

STREAM BED

50' BRL

APPROXIMATE BOUNDARY LINE

PROP. CONSERVED OPEN SPACE

GRAVEL TRAIL

SECURITY CAMERA MAST

POOL DRAIN LINE SCHEMATIC (SEE AP ARCH PLANS)

PROP. ELEC. TRANSFORMER

VENTILATION

CO

CO

CO

EQUIP.ROOM

POOL

WATER PIPING SCHEMATIC (SEE AP ARCH PLANS)

6" DRAIN LINE

POOL BUILDING (OFFICES & CLASSROOMS) FF 502.32

VERANDA

28'

PROP. 8' S/W

PROP. FIBER CABLE

EX. PARKING AREA

EX. CURB

EX. CURB

PROP. 1.5" W/L

CONCRETE HEADWALL

TRIPLE 36" RCP

LIGHT POLE

15" RCP

EX. DROP INLET

EX. DROP INLET

UTILITY PEDESTAL

FIBER MARKER

UTILITY VAULT

50' BRL

PAVILION

YARD HYDRANT

PAVILION

WATER PLAY AREA

VERANDA

FF 502.32

4 BENCHES

PROP. FIBER CABLE

PROP. 6" BOLLARDS

ELEC. TRANS.

ERIZON VAULTS

CYCLONE WAY

PROP. 3/4" W/L

POOL BUILDING (LOCKER ROOMS) FF 502.32

DETAIL AREA

EX. 6" W/L

PROP. FIBER CABLE

PROP. 6' S/W

CONC WALK - TBR

PROP. 6' S/W

2" METER

PROP. 2" W/L

PROP. 8" W/L

PROP. 8" W/L

PROP. 15' WATERLINE ESMT

COMPETITION DRIVE

EX. ASPHALT ROAD 24'+/-

BID DEMARCATION

BID DEMARCATION

LIGHT POLE

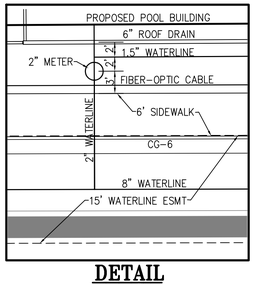
LIGHT POLE

LIGHT POLE

LIGHT POLE

PROPOSED 7' SIDEWALK

STOP SIGN



DETAIL
SCALE: 1"=10'

20 10 0 20 03-29-2024 40
GRAPHIC SCALE
SCALE: 1" = 20'

No.	Date	Revision Notes	Appr
1	3/29/2024	REBID	
4	3/18/2024	DEQ comments	
3	11/2/2024	SSI comments	
2	12/2/2024	Release for Bid	
	12/2/2024	Issue for Permit	

Date
Drawn By
Checked By
Scale
Project No. 23703.culpeper
Drawing Issue
CAD File Name
Submitted By
Submitted By
Project Manager

Project Title
Culpeper County
Community Pool Project
15585 Competition Drive
Culpeper, VA

Sheet Title
UTILITY PLAN

Prepared by:
NORMAN SMITH ARCHITECTURE
1341 H Street, Washington, DC 20002-4506
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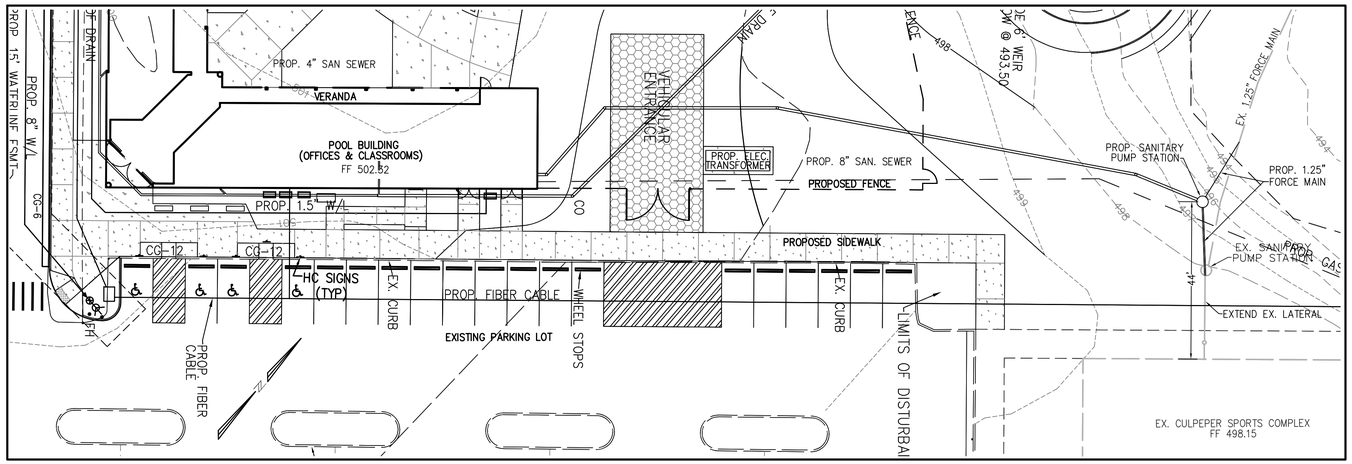
Prepared by:
HANSEL & ASSOCIATES PLANNING
ENGINEERING & LAND PLANNING
125 East Davis Street Phone (540) 829-2220
Culpeper, Virginia 22701 FAX (540) 829-2239

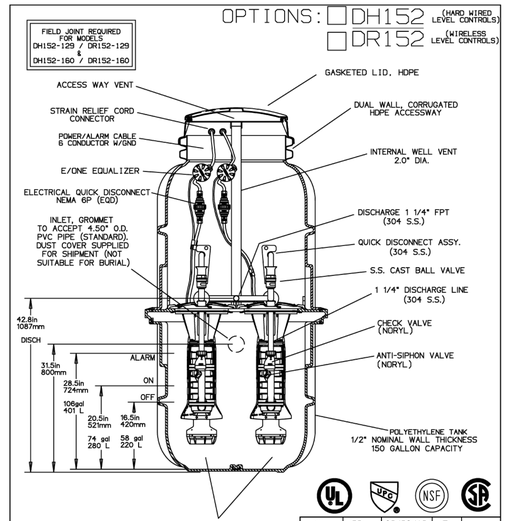
Sheet No.
C8 of 22



SANITARY SEWER PLAN DETAIL

20 10 0 20 40

GRAPHIC SCALE
SCALE: 1" = 20'

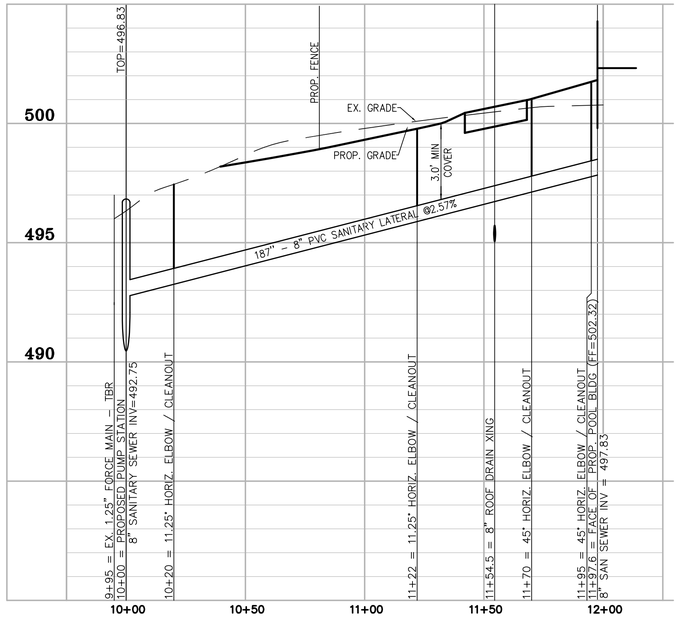


KC	PD	09/30/19	F	
DR BY	CHK'D	DATE	ISSUE	SCALE

SEWER SYSTEMS

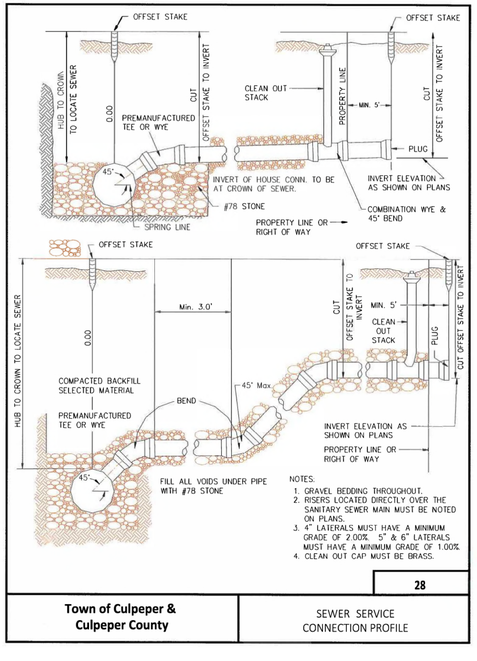
MODEL DH152 / DR152
DETAIL SHEET

NA0052P02



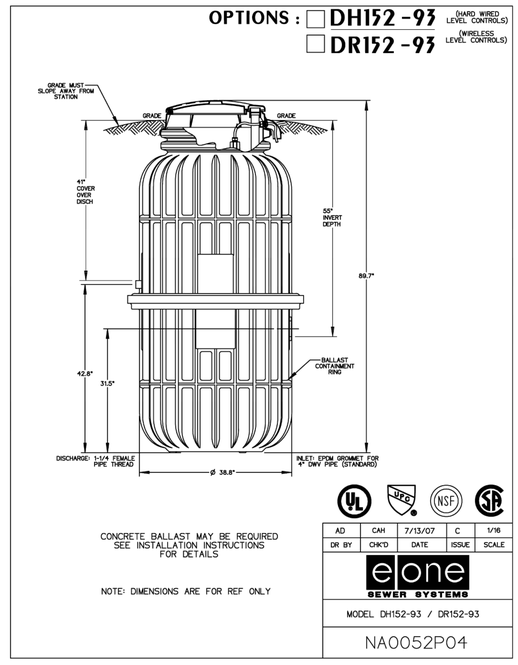
8" SANITARY SEWER PROFILE

HORIZ. SCALE: 1"=30' VERT SCALE: 1"=3'



28

Town of Culpeper & Culpeper County	SEWER SERVICE CONNECTION PROFILE



AD	CAH	7/13/07	C	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE

SEWER SYSTEMS

MODEL DH152-93 / DR152-93

NA0052P04

COMMONWEALTH OF VIRGINIA
MARVIN T. HINCHEY
LIC. NO. 017596
01-03-2024
PROFESSIONAL ENGINEER

No.	Date	Issue Notes
3	1/2/2024	SDI comments
2	11/2/2023	Release for Bid
1	10/27/2023	Planning Comments

Project Title: Culpeper County Community Pool Project 16388 Competition Drive Culpeper, VA

Sheet Title: SANITARY SEWER PROFILE & DETAILS

Scale:

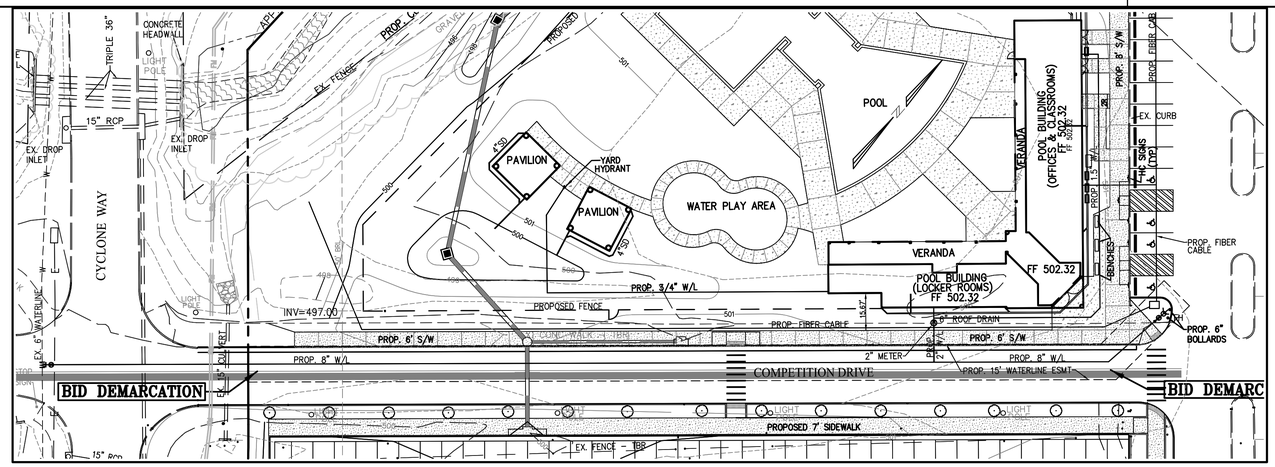
Sheet No: C9 of 22

Project Mgr: KC | Drawn By: PD | Checked By: CAH | Date: 10/27/23 culpeper | Approved By: MTH | Project Number: 2021.045

Owner: CULPEPER COUNTY PARKS AND RECREATION, 125 East Davis Street, Suite 201, Culpeper, Virginia 22701

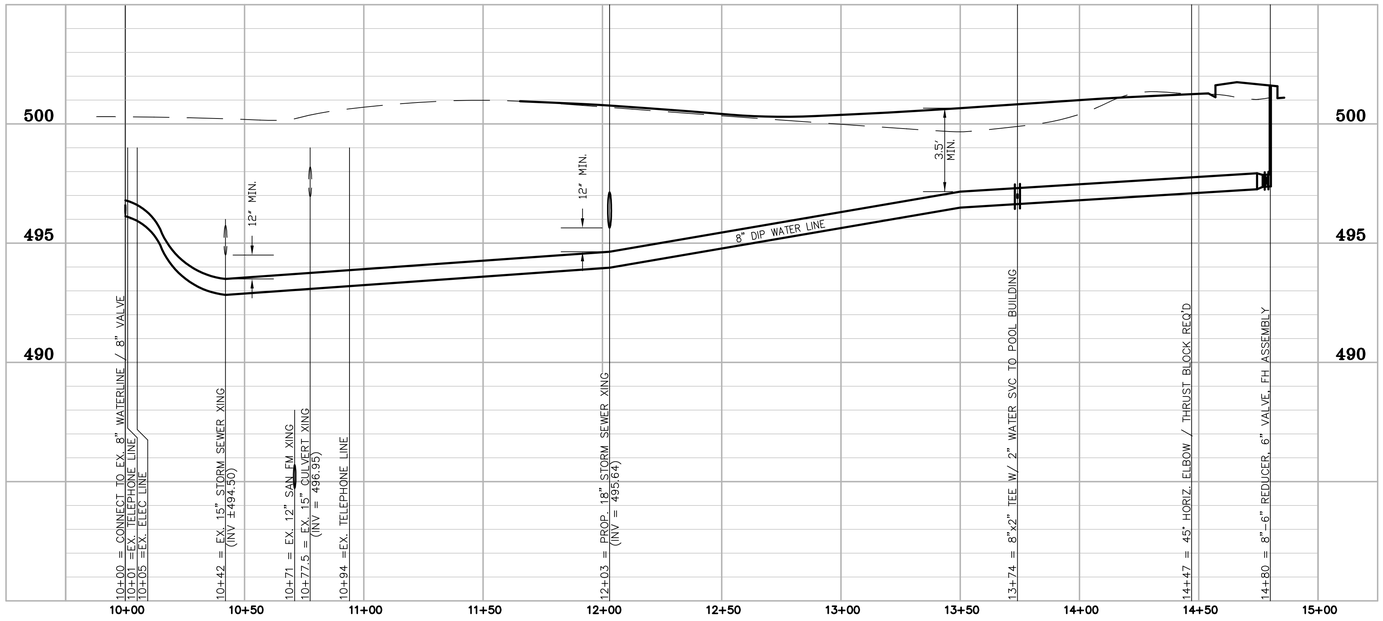
Consultant: HINCHEY & BAINES, PLC CIVIL ENGINEERING AND PLANNING 125 East Davis Street Culpeper, Virginia 22701 T 540.829.2220 FAX (540) 829-2239

Architect: NORMAN SMITH ARCHITECTURE 1341 H Street, Washington, DC 20002-4906 3837 Slate Mills Road, Spernyville, VA 22740 T 202.462.5888 www.normansmitharchitecture.com



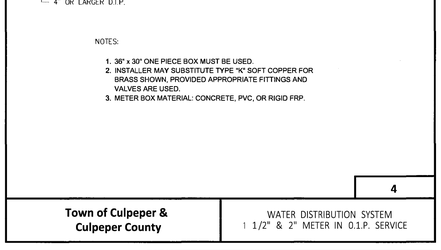
WATER LINE PLAN DETAIL

SCALE: 1"=30'



8" WATER LINE PROFILE

HORIZ. SCALE: 1"=30' VERT SCALE: 1"=3'



NOTES:

1. 36" x 30" ONE PIECE BOX MUST BE USED.
2. INSTALLER MAY SUBSTITUTE TYPE "K" SOFT COPPER FOR BRASS SHOWN, PROVIDED APPROPRIATE FITTINGS AND VALVES ARE USED.
3. METER BOX MATERIAL: CONCRETE, PVC, OR RIGID FRP.

4

Town of Culpeper & Culpeper County | WATER DISTRIBUTION SYSTEM 1 1/2" & 2" METER IN O.I.P. SERVICE

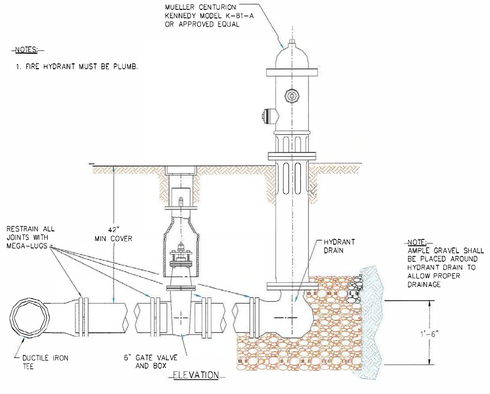
SOIL PROPERTIES	SIZE	Concrete Block Dimensions At 150 PSI Pressure D	E	F	G	Add To Dimension D For Each Add 50 PSI Pressure Up To 300 PSI	Adjustment For Conc. Area For Different Height HC To Be Measured From Grade to ℄ Of Pipe: Up To 8'-1"	8'-1" To 12'	12'-1" To 16'	16'-1" To 20'
CS = 1000 PSF ϕ = 30° SOFT CLAY OR BETTER	3"	9"	1'-0"	6"	6"	4"				
	4"	9"	1'-0"	6"	6"	4"				
	6"	1'-0"	1'-2"	6"	8"	4"				
	8"	1'-6"	1'-4"	8"	9"	6"				
	10"	2'-0"	1'-6"	8"	10"	6"				
	12"	2'-6"	1'-8"	1'-0"	1'-0"	9"	CONC. BLOCK AREA 1.0 X D X E	CONC. BLOCK AREA 0.875 X D X E	CONC. BLOCK AREA 0.75 X D X E	CONC. BLOCK AREA 0.625 X D X E
	16"	3'-6"	2'-6"	1'-0"	1'-3"	9"				
	20"	4'-8"	2'-6"	1'-0"	1'-4"	1'-4"				
	24"	5'-0"	3'-0"	1'-0"	1'-9"	2'-0"				
	30"	6'-0"	4'-0"	1'-4"	2'-3"	2'-0"				
CS = 0 ϕ = 34° LOOSE SILTY SAND	3"	1'-6"	1'-6"	6"	1'-0"	4"				
	4"	2'-0"	2'-0"	6"	1'-0"	4"				
	6"	3'-0"	2'-0"	6"	1'-0"	4"				
	8"	4'-0"	2'-6"	8"	1'-0"	6"				
	10"	6'-0"	2'-6"	8"	1'-0"	6"				
	12"	7'-0"	3'-0"	1'-0"	1'-6"	9"	CONC. BLOCK AREA 1.0 X D X E	CONC. BLOCK AREA 0.5 X D X E	CONC. BLOCK AREA 0.35 X D X E	CONC. BLOCK AREA 0.25 X D X E
	16"	11'-0"	4'-0"	1'-0"	1'-6"	9"				
	20"	11'-8"	5'-0"	1'-0"	2'-0"	1'-4"				
	24"	12'-6"	6'-0"	1'-6"	2'-0"	2'-0"				
	30"	20'-0"	6'-0"	2'-0"	2'-6"	2'-0"				

DIMENSION D & E SHALL BE ADJUSTED FOR REQUIRED AREA.
DIMENSION F & G SHALL REMAIN SAME.
DIMENSION D SHALL BE ADJUSTED FOR REQUIRED PRESSURE IN EXCESS OF 150 PSI BEFORE MAKING ADJUSTMENT FOR HEIGHT.

14

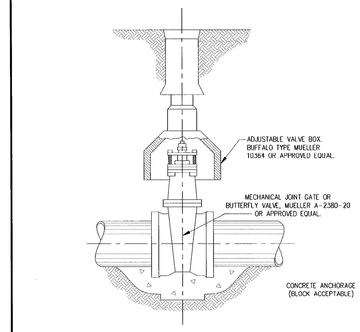
Town of Culpeper & Culpeper County | BUTTRESSES FOR 45° HORIZONTAL BEND

Town of Culpeper & Culpeper County



TYPICAL FIRE HYDRANT

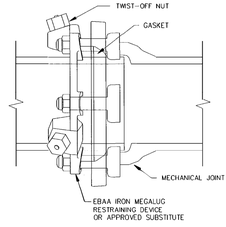
20



VALVE AND PIPE SHALL HAVE SAME NOMINAL DIAMETER

9

Town of Culpeper & Culpeper County | TYPICAL VALVE AND VALVE BOX



NOMINAL PIPE SIZE (INCHES)	NUMBER OF TWIST-OFF NUTS	NUMBER OF T-BOLTS	RATED PRESSURE
3	2	4	350 PSI
4	2	4	350 PSI
6	3	6	350 PSI
8	4	6	350 PSI
10	6	8	350 PSI
12	8	8	350 PSI
16	12	12	250 PSI
18	12	12	250 PSI
24	16	16	250 PSI
30	20	20	250 PSI
36	24	24	250 PSI
42	28	28	250 PSI

NOTES:

1. Make any joint deflection necessary before torquing the T-head bolts.
2. Tighten T-head bolts, bottom first, then top, sides and remainder.
3. Repeat Note 1. until all T-bolts are properly torqued.
4. Tighten twist-off nuts so that all wedges firmly contact pipe.
5. Tighten twist-off nuts in alternating manner,shearing off nuts.
6. MEGALUG may be reset or reused by assembly as described above and torquing wedge bolts to 90 ft-lbs.

11

Town of Culpeper & Culpeper County | JOINT RESTRAINT DEVICE

COMMONWEALTH OF VIRGINIA
MARVIN T. HINCHEY
LIC. NO. 017596
01-03-2024
PROFESSIONAL ENGINEER

No.	Date	Revision Notes
3	1/3/2024	SDI comments
2	1/3/2024	Release for Bid
1	12/7/2023	permit submission

Date
Revision
Project No. 23703.culpeper
Drawn By
Checked By
CAD File Name
Approved By
Project Manager
Plot Date

Zone
Appr

Owner
Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

Sheet Title
WATER LINE PROFILE & DETAILS

Scale

Sheet No.
C10 of 22

Design Firm
NORMAN SMITH ARCHITECTURE
1341 H Street, Washington, DC 20002-4906
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HINCHEY & BAINES, PLC
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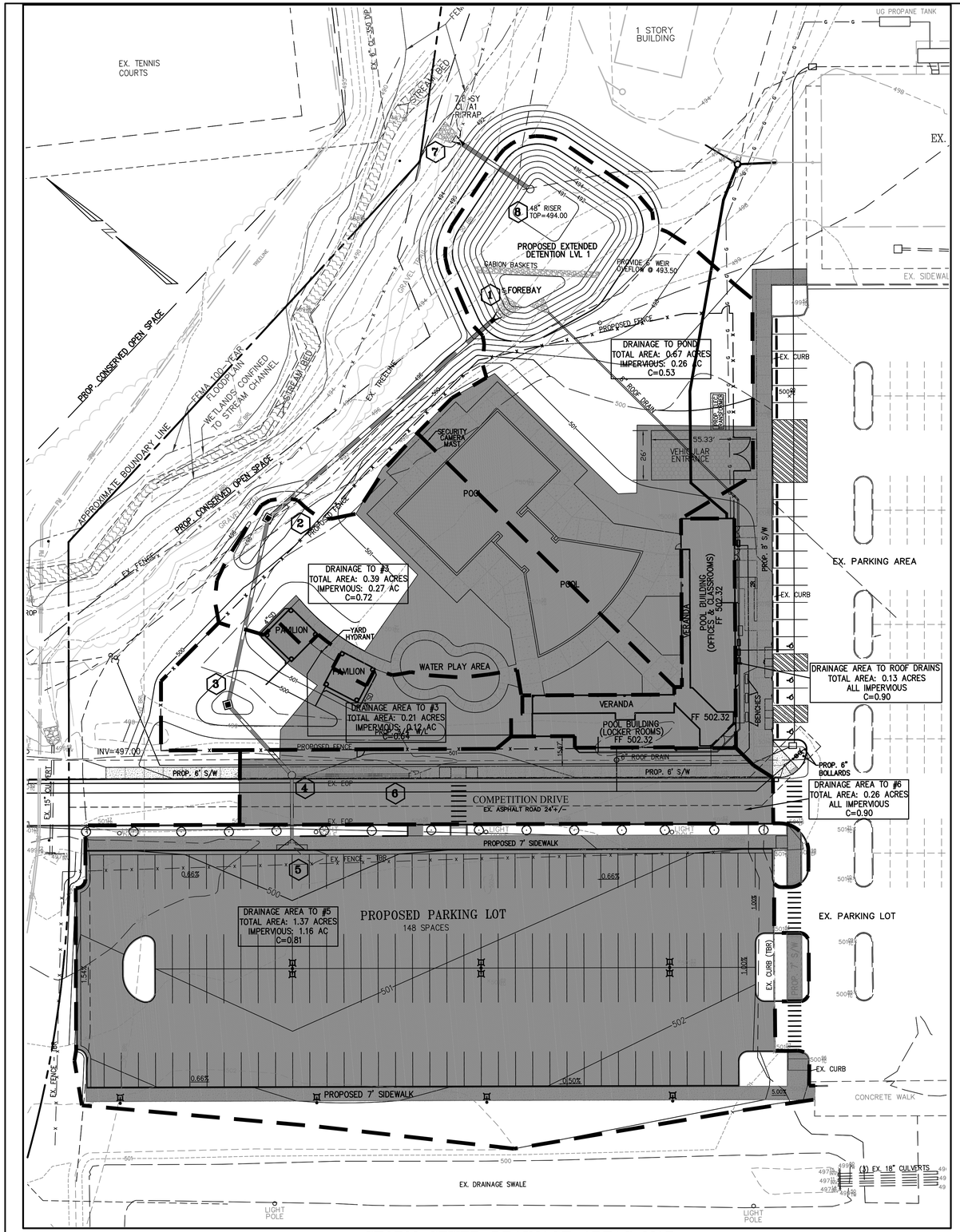
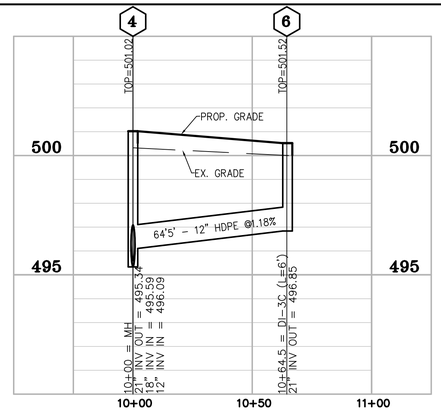
FAX (540) 829-2239



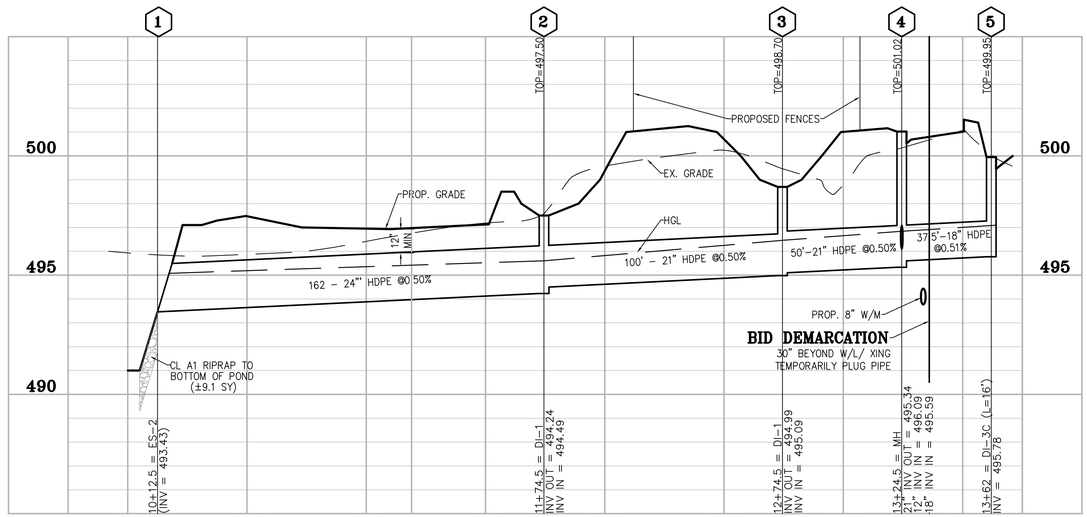
STORM SEWER DRAINAGE AREAS MAP

GRAPHIC SCALE
30 15 0 30 60
1" = 30'



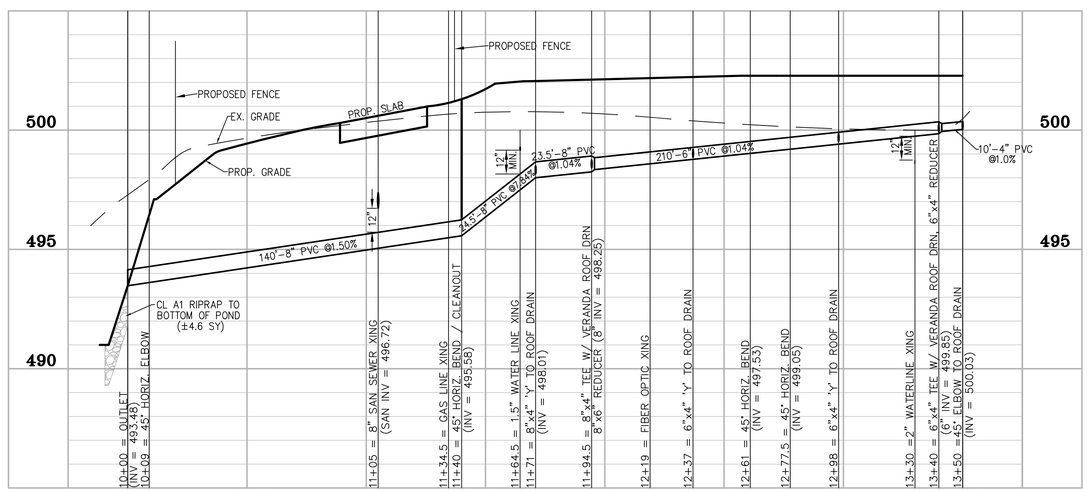
STORM SEWER PROFILE - #4 TO #6

HORIZ. SCALE: 1"=30' VERT SCALE: 1"=3'



STORM SEWER PROFILE - #1 TO #5

HORIZ. SCALE: 1"=30' VERT SCALE: 1"=3'



ROOF DRAIN PROFILE

HORIZ. SCALE: 1"=30' VERT SCALE: 1"=3'

LEGEND

DRAINAGE DIVIDE

IMPERVIOUS AREA

COMMONWEALTH OF VIRGINIA
MARVIN T. HINCHEY
LIC. NO. 017596
01-03-2024
PROFESSIONAL ENGINEER

No.	Date	Issue Notes
1	1/5/2024	SDI comments
2	2/7/2024	revised per permit subm

Project No. 23703.culpeper | Drawing Date 2/27/24 | Scale 1"=30' | Sheet No. C11 of 22

Culpeper County
Community Pool Project
16388 Competition Drive
Culpeper, VA

STORM SEWER DRAINAGE MAP AND PROFILES

Design by: NORMAN SMITH ARCHITECTURE
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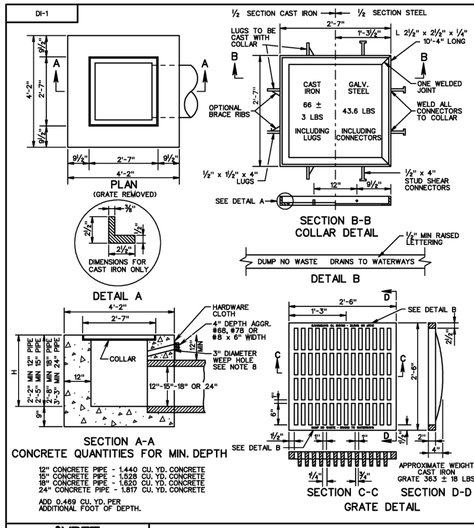
3637 Slate Mills Road, Sperryville, VA 22740
T 202.462.5886 www.normansmitharchitecture.com

Landscape: HINCHEY & BAINES PLC
ENGINEERING AND LAND PLANNING
Suite 201 Davis Street
Culpeper, Virginia 22701

DI-1



NOTES

1. DEPTH OF INLET (H) TO BE SHOWN ON PLANS, FOR DEPTH GREATER THAN 10' USE STANDARD DI-1A.
2. THE "H" DIMENSION SHOWN ON THE STANDARDS AND SPECIFIED ON THE PLANS WILL BE MEASURED FROM THE INVERT OF THE OUTFALL PIPE TO THE TOP OF THE STRUCTURE. PLAN "H" DIMENSIONS ARE APPROXIMATE ONLY FOR ESTIMATING PURPOSES AND THE ACTUAL DIMENSIONS SHALL BE DETERMINED BY THE CONTRACTOR FROM FIELD CONDITIONS.
3. WHEN SPECIFIED ON THE PLANS THE INVERT IS TO BE SHAPED IN ACCORDANCE WITH STANDARD IS-1. THE COST OF FURNISHING AND PLACING ALL MATERIALS INCIDENTAL TO THE SHAPING IS TO BE INCLUDED IN THE BID PRICE FOR THE STRUCTURE.
4. IN THE EVENT THE INVERT OF THE OUTFALL PIPE IS HIGHER THAN THE BOTTOM OF THE STRUCTURE, THE INVERT OF THE STRUCTURE SHALL BE SHAPED WITH CEMENT MORTAR TO PREVENT STANDING OR PONDING OF WATER IN THE STRUCTURE. THE COST OF FURNISHING AND PLACING ALL MATERIALS INCIDENTAL TO INLET SHAPING IS TO BE INCLUDED IN THE BID PRICE FOR THE STRUCTURE.
5. STEPS ARE TO BE PROVIDED WHEN H IS 4'-0" OR GREATER. FOR DETAILS SEE STANDARD ST-1.
6. THIS ITEM MAY BE PRECAST OR CAST-IN-PLACE.
7. #4 X 8" SMOOTH DOWELS AT APPROXIMATELY 12" C-C. TO BE PLACED IN ALL AREAS ADJACENT TO ABUTTING CONCRETE TO PREVENT SETTLEMENT. IN LIEU OF DOWELS A 2"X4" NOTCH MAY BE PROVIDED. SEE STANDARD T-09-3, 4 FOR ALTERNATE DESIGN.
8. 3" DIAMETER WEEP HOLE WITH 12"X12" PLASTIC BACKED FILTER CLOTH MESH OR GALVANIZED STEEL WIRE MINIMUM WIRE DIAMETER 0.047 NUMBER 4 MESH HARDWARE CLOTH ANCHORED FIRMLY TO THE OUTSIDE OF THE STRUCTURE.
9. CAST IN PLACE CONCRETE IS TO BE CLASS A3 (3,000 PSI). PRECAST CONCRETE IS TO BE 4000 PSI.
10. ANY ALTERNATE METHODS OF ANCHORAGE MEETING THE APPROVAL OF THE ENGINEER MAY BE SUBSTITUTED FOR THE CAST IRON LUGS AS SHOWN HEREON.
11. DUMP NO WASTE DRAINS TO WATERWAY LETTERING IS REQUIRED ON ALL DI-1 GRATES. LOCATION OF LETTERING MAY VARY BY MANUFACTURER.

VDOT ROAD AND BRIDGE STANDARDS | SHEET 1 OF 1 | REVISION DATE 104.01

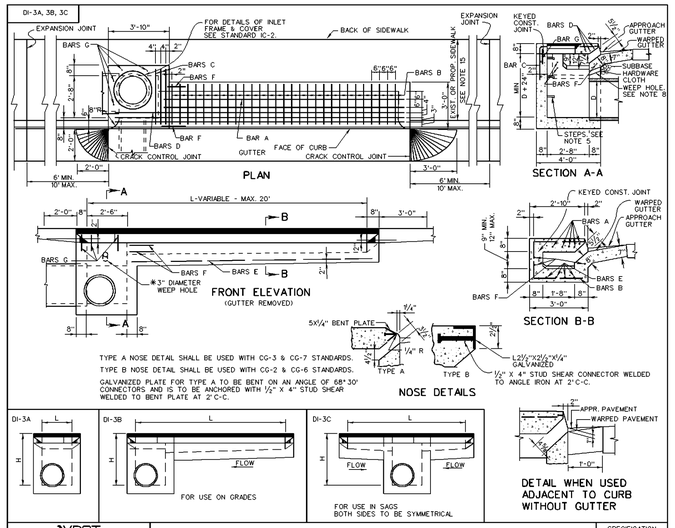
STANDARD DROP INLET

12" - 24" PIPE: MAXIMUM DEPTH (H) = 10'

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE: 233, 302

DI-3A, 3B, 3C



VDOT ROAD AND BRIDGE STANDARDS | SHEET 1 OF 2 | REVISION DATE 104.09 | 08/10

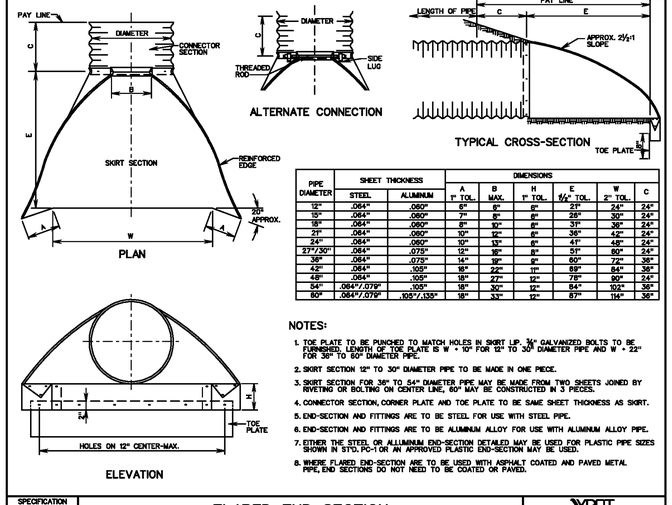
STANDARD CURB DROP INLET

12" - 30" PIPE: MAXIMUM DEPTH (H) = 8'

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE: 233, 302

ES-2



PIPE DIAMETER	SHEET THICKNESS		DIMENSIONS					
	STEEL	ALUMINUM	A ± 1" TOL.	B MAX.	H ± 1" TOL.	E ± ½" TOL.	W ± 2" TOL.	C
12"	.064"	.080"	6"	8"	8"	21"	24"	24"
15"	.064"	.080"	7"	8"	8"	28"	30"	24"
18"	.064"	.080"	8"	10"	8"	31"	36"	24"
21"	.064"	.080"	10"	12"	8"	36"	42"	24"
24"	.064"	.080"	10"	13"	8"	41"	48"	24"
27"/30"	.064"	.075"	12"	16"	8"	51"	60"	24"
36"	.064"	.075"	14"	18"	8"	60"	72"	36"
42"	.064"	.105"	16"	22"	8"	69"	84"	36"
48"	.064"	.105"	18"	27"	12"	78"	90"	24"
54"	.064"/.079"	.105"	18"	30"	12"	84"	102"	36"
60"	.064"/.079"	.105"/.135"	18"	33"	12"	87"	114"	36"

NOTES:

1. TOE PLATE TO BE PUNCHED TO MATCH HOLES IN SKIRT LIP. ¾" GALVANIZED BOLTS TO BE FURNISHED. LENGTH OF TOE PLATE IS W + 10" FOR 12" TO 30" DIAMETER PIPE AND W + 22" FOR 36" TO 60" DIAMETER PIPE.
2. SKIRT SECTION 12" TO 30" DIAMETER PIPE TO BE MADE IN ONE PIECE.
3. SKIRT SECTION FOR 36" TO 54" DIAMETER PIPE MAY BE MADE FROM TWO SHEETS JOINED BY RIVETING OR BOLTING ON CENTER LINE, 60" MAY BE CONSTRUCTED IN 3 PIECES.
4. CONNECTOR SECTION, CORNER PLATE AND TOE PLATE TO BE SAME SHEET THICKNESS AS SKIRT.
5. END-SECTION AND FITTINGS ARE TO BE STEEL FOR USE WITH STEEL PIPE.
6. END-SECTION AND FITTINGS ARE TO BE ALUMINUM ALLOY FOR USE WITH ALUMINUM ALLOY PIPE.
7. EITHER THE STEEL OR ALLUMINUM END-SECTION DETAILED MAY BE USED FOR PLASTIC PIPE SIZES SHOWN IN STD. PC-1 OR AN APPROVED PLASTIC END-SECTION MAY BE USED.
8. WHERE FLARED END-SECTION ARE TO BE USED WITH ASPHALT COATED AND PAVED METAL PIPE, END SECTIONS DO NOT NEED TO BE COATED OR PAVED.

SPECIFICATION REFERENCE: 302

FLARED END SECTION

12" - 60" CORRUGATED PIPE CULVERTS

VIRGINIA DEPARTMENT OF TRANSPORTATION

VDOT ROAD AND BRIDGE STANDARDS | REVISION DATE | SHEET 1 OF 1 | 102.03

OUTLET PROTECTION CALCULATIONS

STORM SEWER DESIGN COMPUTATIONS — CULPEPER COUNTY POOL COMPLEX — 11-20-23

FROM	TO	TYPE STRUC. (FROM)	TYPE STRUC. (TO)	RATIONAL FORMULA: DRAIN. AREA (Ac.)	RUNOFF COEF. C	C x A: INCRE-MENT	C x A: ACCUM-ULATED	TIME OF CONCENTRATION: "I" 10yr	TO PIPE	IN PIPE	ACCUM. TIME	RUNOFF (CFS): INC. "Q"	ACCUM. "Q"	DESIGN: PIPE DIA.	SLOPE (%)	"N"	MAX "Q"	VEL. FT/SEC.	LENGTH OF RUN	FALL (FEET)	INV. UPPER	INV. LOWER
5	4	DI-3	MH-1	1.37	0.81	1.11	1.11	6.68	5 min.	1 min.	6 min.	7.41	7.41	18 "	0.51	0.013	7.50	4.84	38 '	0.19	495.78	495.59
6	4	DI-3	MH-1	0.26	0.86	0.22	0.22	6.68	5 min.	1 min.	6 min.	1.49	1.49	12 "	1.18	0.013	3.87	4.61	65 '	0.78	496.85	496.09
4	3	MH1	DI-1	0.00	0.00	0.00	1.33	6.68	5 min.	1 min.	7 min.	0.00	8.91	21 "	0.50	0.013	11.20	5.17	50 '	0.25	495.34	495.09
3	2	DI-1	DI-1	0.21	0.64	0.13	1.47	6.68	5 min.	1 min.	8 min.	0.90	9.80	21 "	0.50	0.013	11.20	5.25	100 '	0.50	494.99	494.49
2	1	DI-1	ES	0.36	0.70	0.25	1.72	6.68	5 min.	1 min.	9 min.	1.68	11.49	24 "	0.50	0.013	15.99	5.58	162 '	0.81	494.24	493.43
RD	PND	RD	ES	0.13	0.90	0.12	0.12	6.68	5 min.	1 min.	6 min.	0.78	0.78	8 "	1.50	0.013	1.48	3.07	195 '	2.93	496.40	493.48

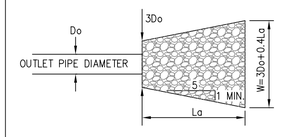
COUNTY POOL COMPLEX — HYDRAULIC GRADE LINE — 11/20/2023

Inlet Number	Down-Stream Invert Out	Down-Stream Invert Elev.	Water Surface Elev.	Do	Qo	Lo	Sfo %	Hf	Vo	Ho	Qi	Vi	QiVi	Vi²/2g	Hi	Angle	Hλ	Ht	1.30 Ht	0.50 Ht	Final H	Inlet Water Surface Elev.	Top Elev.
(1)	Elev.	+ 0.8"D	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
2	493.43	495.03	495.03	24 "	11.49	162	0.0026	0.42	3.66	0.05	9.80	4.07	39.93	0.26	.09	36	.09	.23	.30	0.15	.57	495.60	497.50
3	494.24	495.64	495.64	21 "	9.80	100	0.0038	0.38	4.07	0.06	16.32	6.79	110.73	0.71	.25	54	.36	.67	.88	0.44	.82	496.46	498.70
4	494.99	496.39	496.46	21 "	8.91	50	0.0032	0.16	3.70	0.05	8.91	5.04	44.92	0.39	.14	42	.16	.35	.45	0.23	.38	496.84	501.02
5	495.34	496.54	496.84	18 "	7.41	38	0.0050	0.19	4.19	0.07	7.41							.07	.09	0.04	.23	497.08	499.95

STORM SEWER OUTLET (#1)

RIP-RAP TO BE VDOT ST'D EC-1 CL A1 WITH MINIMUM THICKNESS OF 1.7"
24" RCP, Q10=11.49, V1=5.58 fps
TW=1.25' > 0.5 Do
USE PLATE 3.18-4 FOR MAX. TW
La=9'
W=3(Do)+.4(La)=9.6'
d50= MIN. 6"

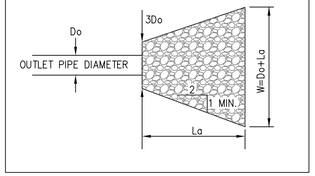
MAXIMUM TAIL WATER CONDITION
VESCH PLATE 3.18-4



ROOF DRAIN OUTLET

RIP-RAP TO BE VDOT ST'D EC-1 CL A1 WITH MINIMUM THICKNESS OF 1.7"
8" CMP, Q10=1.49, V10=6.63 fps
TW=0.25' < 0.5 Do
USE PLATE 3.18-3 FOR MIN. TW
La=6'
W=Do+La=6.67'
d50= MIN. 6"

MINIMUM TAIL WATER CONDITION
VESCH PLATE 3.18-3



SEE SHEET 11 FOR OUTLET PROTECTION DETAIL

COMMONWEALTH OF VIRGINIA
MARVIN T. HINCHEY
LIC. NO. 017596
01-03-2024
PROFESSIONAL ENGINEER

Revision Notes: No. 1 — Date 11/2/2024 — 12/2/2024 — Issue Notes: SDI comments; Release for Bid; Planning Submission

Project No. 23703-Culpeper

Scale

Sheet No. C12 of 22

Sheet Title: STORM SEWER CALCULATIONS AND DETAILS

Design Firm: NORMAN SMITH ARCHITECTURE, 1341 H Street, Washington, DC 20002-4906, 3637 Slate Mills Road, Spernyville, VA 22740, T 202.462.3888, www.normansmitharchitecture.com

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Project Title: Culpeper County Community Pool Project, 16388 Competition Drive, Culpeper, VA