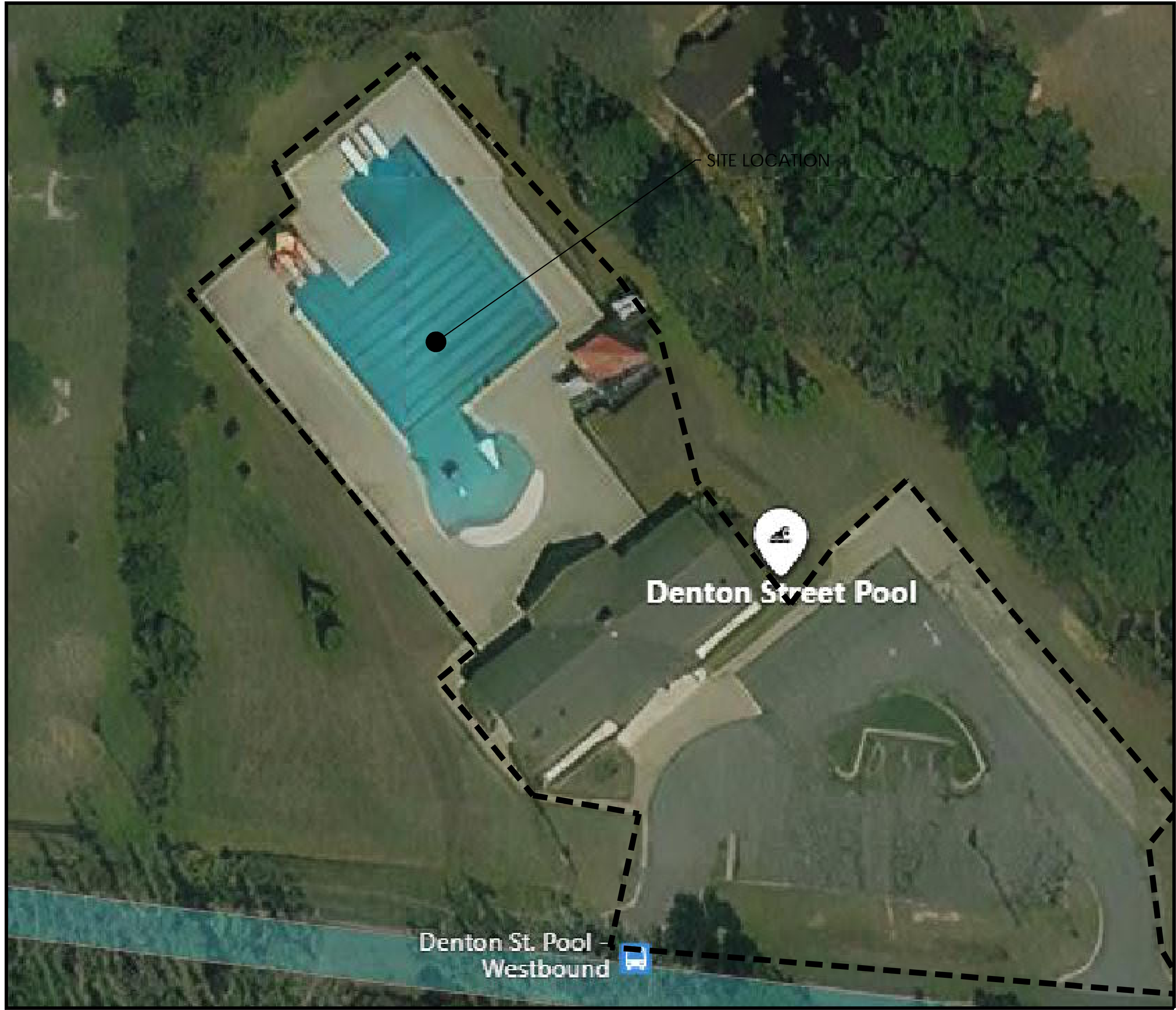


DENTON STREET POOL IMPROVEMENTS

CITY OF ROCKY MOUNT, NORTH CAROLINA
BID & PERMITTING FINAL DOCUMENTS
MARCH 4, 2022



SITE VICINITY MAP
SCALE: NOT TO SCALE

PROJECT LOCATION ADDRESS:
DENTON STREET OUTDOOR POOL
1434 DENTON STREET
ROCKY MOUNT, NC 27801

PROJECT OWNER:
CITY OF ROCKY MOUNT
331 S. FRANKLIN STREET
ROCKY MOUNT, NC 27802

PROJECT REQUEST FOR PROPOSAL NUMBER:
320-040222CC

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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA

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SURVEYOR TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE
STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION.

DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submitted / Revision	App'd. By	Date
0	BID/PERMIT SET	TR MC	3/4/22

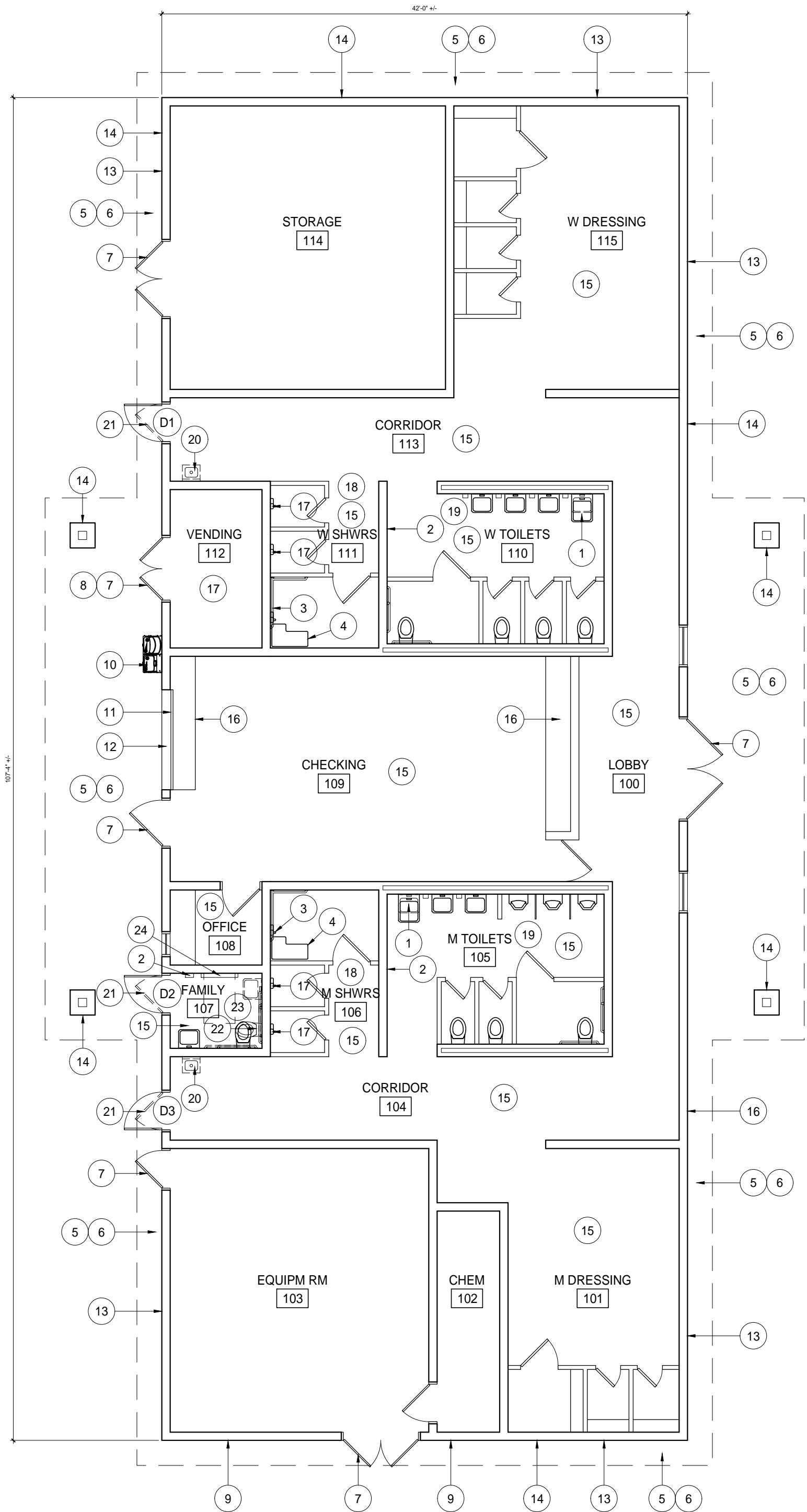
COVER SHEET

Designed By: JRP	Drawn By: DS	Checked By: JH
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:
G-001

File: V:\PROJECTS\ANY\K5\063994\000\09_DESIGN\DRAWINGS\01_SHEETS\A-001 PROJECT DATA, SYMBOLS, ABBREVIATIONS, & GENERAL NOTES.DWG
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File: V:\PROJECTS\ANY\K5\063994\000\09 DESIGN\DRAWINGS\01 SHEETS\A-101 FLOOR PLANS.DWG
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FLOOR PLAN
SCALE: 1/4" = 1'-0"
0 2' 4' 8'

Key Note Legend

Note Number	Note	Alternate Number
1	REMOVE EXISTING SINK AND FAUCET AND INSTALL NEW ICC 117.1-09 COMPLIANT ACCESSIBLE SINK AND FAUCET IN SAME LOCATION.	ADD ALT.#2
2	REMOVE EXISTING HAND DRYER AND REPLACE W/NEW ICC 117.1-09 COMPLIANT ACCESSIBLE HAND DRYER IN SAME LOCATION.	ADD ALT.#2
3	REMOVE EXISTING SHOWER VALVE AND INSTALL NEW SURFACE MOUNTED ICC 117.1-09 COMPLIANT SHOWER SYSTEM SIMILAR TO SYMMONS 901S-FSB.	ADD ALT.#2
4	REMOVE EXISTING HANDICAP SHOWER SEAT AND INSTALL NEW ICC 117.1-09 COMPLIANT SHOWER SEAT.	ADD ALT.#2
5	REMOVE AND REPLACE EXTERIOR TRUSS WOOD TRIM. REPLACE WITH NEW TRIM TO MATCH EXISTING.	ADD ALT.#2
6	CLEAN SURFACE AND SCRAPE AS REQUIRED TO REMOVE ANY LOOSE OR DETERIORATED SURFACE WOOD TO OBTAIN A PROPER SURFACE PROFILE. APPLY (1) ONE COAT EXTERIOR WOOD PRIMER AND (2) COATS PRE-CATALYZED WATERBASED URETHANE. COLOR TO MATCH EXISTING.	ADD ALT.#2
7	CLEAN, PREP, AND PAINT DOOR AND FRAME PER PAINTING SPECIFICATIONS.	ADD ALT.#2
8	REMOVE EXISTING CROSSBAR & LOCK AND REPAIR FRAME. INSTALL NEW TOP & BOTTOM FLUSHBOLTS ON LEAF OPPOSITE DEADBOLT. MODIFY DOOR LEAF AND FRAME AS REQUIRED TO ALLOW FOR INSTALLATION OF NEW HARDWARE.	ADD ALT.#2
9	CLEAN, PREP, AND PAINT LOUVERS PER PAINTING SPECIFICATIONS.	ADD ALT.#2
10	REMOVE EXISTING DRINKING FOUNTAIN AND INSTALL NEW BI-LEVEL DRINKING FOUNTAIN W/BOTTLE FILLER IN SAME LOCATION.	ADD ALT.#2
11	CLEAN S/S OVERHEAD COILING DOOR, HOOD, AND ALL ASSOCIATED S/S PARTS AND LUBRICATE ALL OPERABLE PARTS AS REQUIRED.	ADD ALT.#2
12	CLEAN, PREP, AND PAINT STEEL LINTEL @ OH DOOR PER PAINTING SPECIFICATIONS.	ADD ALT.#2
13	CLEAN AND REPAINT BIRD SCREENING AND ASSOCIATED FRAMES. (ENTIRE BUILDING). TYP.	ADD ALT.#2
14	POWER-WASH EXTERIOR CMU WALL AND APPLY A CLEAR LOW VOC SEALER. (ENTIRE BUILDING). TYP.	ADD ALT.#2
15	CLEAN, PREP, AND PAINT CMU PARTITIONS AND ASSOCIATED HM DOORS & FRAMES PER PAINTING SPECIFICATIONS.	ADD ALT.#2
16	CLEAN S/S CHECK-IN COUNTER AND CONCESSIONS COUNTER.	ADD ALT.#2
17	REMOVE EXISTING SHOWER VALVE AND INSTALL NEW SURFACE MOUNTED SHOWER SYSTEM SIMILAR TO SYMMONS 901S.	ADD ALT.#2
18	CLEAN, PREP, AND PAINT CMU SHOWER WALLS PER SPECIFICATIONS.	ADD ALT.#2
19	REPLACE MANUAL FITTINGS/FAUCETS WITH NEW METERED FAUCETS TO FIT EXISTING FIXTURES.	ADD ALT.#2
20	REMOVE EXISTING DRINKING FOUNTAIN. CUT AND CAP PIPES AND PATCH WALL TO MATCH EXISTING ADJACENT FINISHES	ADD ALT.#2
21	REMOVE EXISTING DOOR & FRAME AND INSTALL NEW DOOR AND FRAME AS INDICATED.	ADD ALT.#2
22	REMOVE EXISTING PLUMBING FIXTURES AND ACCESSORIES. RELOCATE EXISTING PLUMBING CONNECTIONS TO INSTALL NEW FIXTURES AS REQ'D. PATCH EXISTING FLOOR AS REQ'D.	ADD ALT.#2
23	INSTALL NEW ICC 117.1-09 COMPLIANT ACCESSIBLE SINK, TOILET, AND TOILET ACCESSORIES.	ADD ALT.#2
24	INSTALL NEW BABY CHANGING STATION.	ADD ALT.#2

Room Finish Schedule

	Room Number	Room Name	Floor	Base	Walls		Ceiling		Notes	Alternate Number
					Material	Finish	Material	Finish		
LEVEL	100	LOBBY	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3	ADD ALT.#2
	101	MEN'S DRESSING	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3	ADD ALT.#2
	102	CHEMICAL	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3	ADD ALT.#2
	103	EQUIPMENT ROOM	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3	ADD ALT.#2
	104	CORRIDOR	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3	ADD ALT.#2
	105	MEN'S TOILETS	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3, *4	ADD ALT.#2
	106	MEN'S SHOWERS	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3	ADD ALT.#2
	107	FAMILY RESTROOM	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3	ADD ALT.#2
	108	OFFICE	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3	ADD ALT.#2
	109	CHECKING	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3	ADD ALT.#2
	110	WOMEN'S TOILETS	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3, *4	ADD ALT.#2
	111	WOMEN'S SHOWERS	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3	ADD ALT.#2
	112	VENDING	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3	ADD ALT.#2
	113	CORRIDOR	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3	ADD ALT.#2
	114	STORAGE	SEALED CONC	-	CMU	EPOXY PT	WD	-	*1, *2, *3	ADD ALT.#2
NOTES										

Door Schedule (Add Alt.#2)

	Door Number	Room Name	Door					Frame					Hrdwr Set	Rating	Notes
			Width	Height	Material	Thickness	Type	Material	Sill	Jamb	Head	Type			
LEVEL	D1	CORRIDOR 113	3'-0"	7'-0"	HM	1 3/4"	-	HM	1A/A501	1B/A501	1C/A501	-	-	-	*1,*2,*3
	D2	FAMILY 103	3'-0"	7'-0"	HM	1 3/4"	-	HM	1A/A501	1B/A501	1C/A501	-	-	-	*1,*2,*3
	D3	CORRIDOR 104	3'-0"	7'-0"	HM	1 3/4"	-	HM	1A/A501	1B/A501	1C/A501	-	-	-	*1,*2,*3
NOTES															

Demolition General Notes

BUILDING DEMOLITION INCLUDES BUT IS NOT LIMITED TO:
A. DEMOLITION EQUIPMENT AND FIXTURES AS INDICATED.
B. REMOVAL OF EXISTING FLOOR AND WALL FINISHES AS REQUIRED TO INSTALL NEW WORK.
C. POLLUTION CONTROL DURING BUILDING DEMOLITION.
D. REMOVAL AND LEGAL DISPOSAL OF MATERIALS.
E. PREPARE ALL WALL, DOOR AND FRAME SURFACES WITHIN PROJECT AREA TO RECEIVE NEW FINISHES.

HANDLING OF MATERIALS:
A. WHEN THE NATURE OF DEMOLITION WORK REQUIRES THE USE, ERECT AND MAINTAIN DUST CHUTES FOR THE DISPOSAL OF MATERIALS, RUBBISH, AND DEBRIS.
B. REMOVE SALVAGE AND DEBRIS FROM THE SITE AS IT ACCUMULATES. DO NOT STORE, SELL, BURN, OR OTHERWISE DISPOSE OF DEBRIS ON THE SITE.
C. REMOVE ALL MATERIAL IN SUCH MANNER AS TO PREVENT SPILLAGE. KEEP ALL PAVEMENTS AND AREAS ADJACENT TO AND LEADING FROM THE SITE, CLEAN AND FREE OF MUD, DIRT, AND DEBRIS AT ALL TIMES.

PROTECTION:
A. ERECT AND MAINTAIN TEMPORARY BRACING, BARRICADES (EXCEPT CONSTRUCTION BARRICADES FOR SUBSEQUENT NEW CONSTRUCTION), WARNING SIGNS, AND GUARDS NECESSARY TO PROTECT STREETS, SIDEWALK, AND ADJOINING PROPERTY FROM DAMAGE, ALL IN ACCORDANCE WITH APPLICABLE RULES, REGULATIONS, AND GOOD PRACTICE.
B. ALL M.E.P. DISCONNECTS TO BE COMPLETED BEFORE THE COMMENCEMENT OF DEMOLITION.

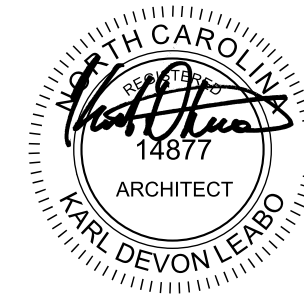
WORKMANSHIP:
A. EXECUTE DEMOLITION WORK TO ENSURE SAFETY OF PERSONS AND ADJACENT PROPERTY AGAINST DAMAGE BY SETTLEMENT, FALLING DEBRIS, OR CAUSES IN CONNECTION WITH THIS WORK.
B. ALL WORK SHALL COMPLY WITH RULES AND REGULATIONS OF ALL LOCAL AND STATE AGENCIES AND AUTHORITIES HAVING JURISDICTION.

Material & Color Legend

Type	Description	Basis-of-Design	Color	Finish	Notes
Flooring					
SC	SEALED CONCRETE	ASHFORD FORMULA	CLEAR		
Wall Bases					
Wall Material					
CMU	CONCRETE BLOCK	EXISTING	N/A	N/A	
Finishes					
PT-1	TYPICAL WALL PAINT	SHERWIN WILLIAMS	MATCH EXISTING		
PT-2	INTERIOR DOORS/HOLLOW METAL FRAMES	SHERWIN WILLIAMS	MATCH EXISTING		
PT-3	EXTERIOR DOORS/HOLLOW METAL FRAMES	SHERWIN WILLIAMS	MATCH EXISTING		
PT-4	LOUVERS AT GABLE ENDS	SHERWIN WILLIAMS	MATCH ADJACENT BLOCK		
PT-5	METAL TOILET PARTITIONS & FRAMES	SHERWIN WILLIAMS	MATCH EXISTING		
PT-6	FRAMING MEMBERS/ROOF DECKING	SHERWIN WILLIAMS	MATCH EXISTING		
PT-7	STEEL LINTEL AT CONCESSION OH DOOR	SHERWIN WILLIAMS	MATCH EXISTING		
PT-8	BIRD SCREENING & ASSOCIATED FRAMES	SHERWIN WILLIAMS	MATCH EXISTING		
Exterior					
DF	DRINKING FOUNTAIN	ELKAY BI-LEVEL FOUNTAIN W/BOTTLE FILLER-MODEL VRCTLRBWSK		STAINLESS STEEL	



**DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA**



NCBLES # F-1165

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CITY OF ROCKY
MOUNT, NC**

No.	Submittal / Revision	App'd.	By	Date
0	BID/PERMIT SET	JHP	MDC	3/4/22

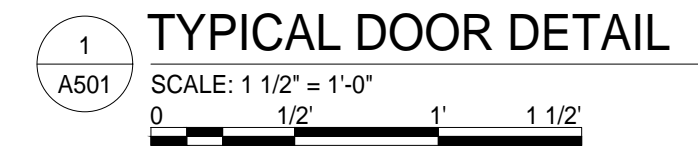
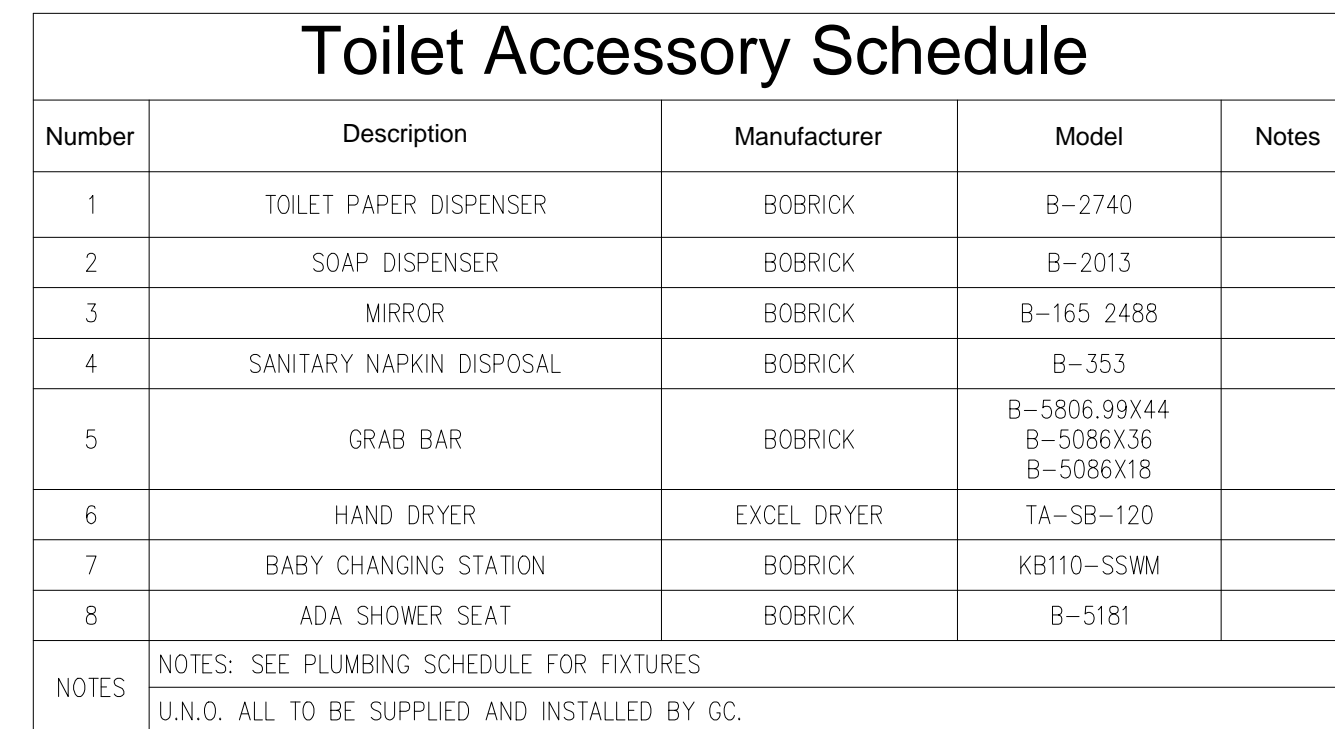
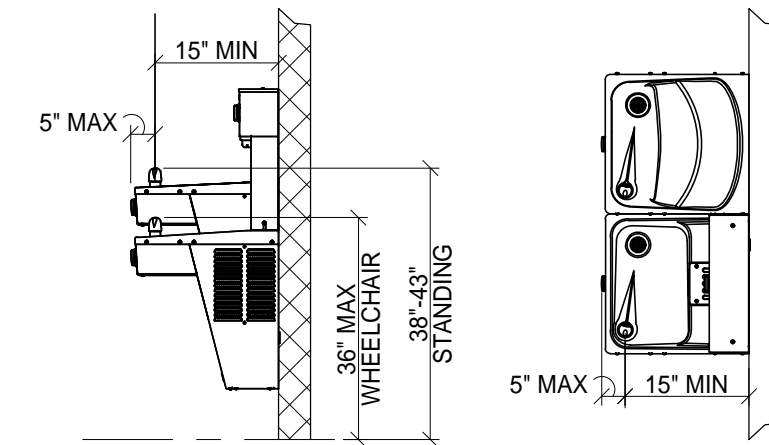
FLOOR PLANS & SCHEDULES

Designed By: KDL	Drawn By: AM	Checked By: KRA
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:

A-101

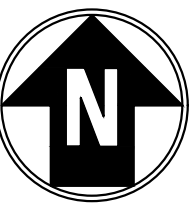
ENTIRE SHEET IS PART OF ADD ALT.#2



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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA

PLAN
ORTH

RUE
NORTH



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DENTON STREET POOL
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MOUNT, NC

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0	BID/PERMIT SET	JHP	MDC	3/4/22

TOILET ACCESSIBILITY DETAILS

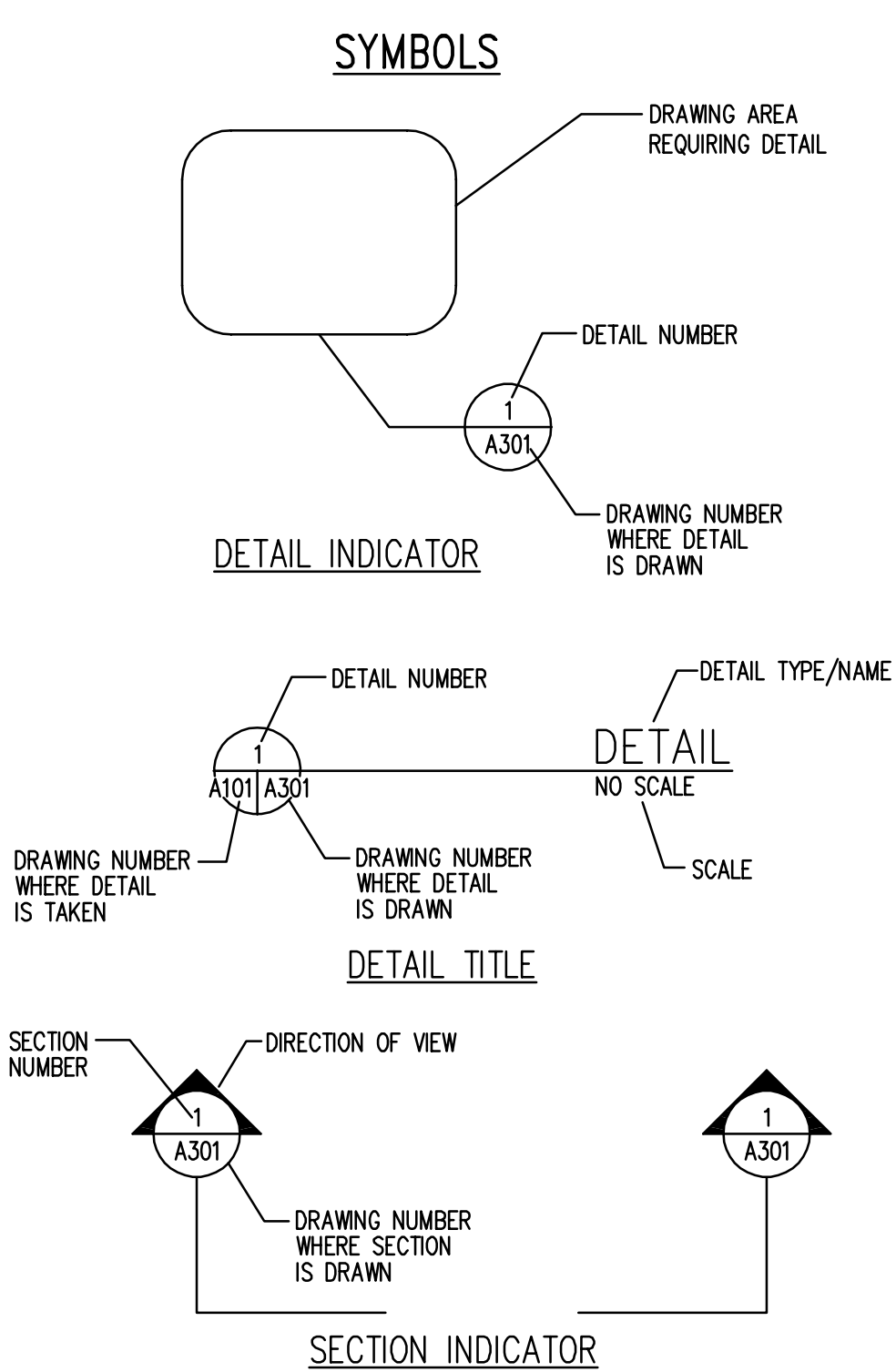
Designed By: KDL	Drawn By: AM	Checked By: KRA
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:

A-501

SWIMMING POOL DESIGN DATA		
POOL STATISTICS	UNITS	DATA
LENGTH (WALL TO WALL)	FT	149.500
WIDTH (WALL TO WALL)	FT	85.583
POOL WATER SURFACE AREA	FT ²	8,097
POOL PERIMETER	FT	482.48
POOL DEPTHS (MIN./MAX.)	FT	0.00 / 10.00
POOL VOLUME	GALLONS	260,000
CIRCULATION SYSTEM & FILTERS		
POOL TURNOVER (MIN.)	HOURS	6.0
FILTER RECIRCULATION RATE (MIN.)	GAL/MIN	722.2
FILTER RECIRCULATION RATE (DESIGN)	GAL/MIN	787.9
POOL TURNOVER (DESIGN)	HOURS	5.5
FILTER TANK METHOD	N/A	HIGH RATE SAND
FILTRATION RATE (MAX. DESIGN)	GPM/FT ²	15.0
FILTER AREA REQUIRED (MINIMUM)	FT ²	52.5
FILTER QUANTITY	N/A	(2)
FILTRATION AREA (ACTUAL)	FT ²	62.0
FILTRATION RATE (ACTUAL)	GPM/FT ²	12.71
FILTER MANUFACTURER (BASIS OF DESIGN)	N/A	MERMADE FILTER
FILTER MODEL NUMBER	N/A	143-105 STACKED
RECIRCULATION PUMP SIZE (TO REMAIN)	(1) 20 HP @ 750 GPM	
HYDRAULIC SYSTEM LOSS	TDH	50
FEATURE PUMP SIZE (TO BE REPLACED)	(1) 15 HP @ 650 GPM	
HYDRAULIC SYSTEM LOSS	TDH	50
MINIMUM REQUIRED SURGE CAPACITY	GALLONS	8,097
ACTUAL SURGE CAPACITY	GALLONS	15,143
SURGE PER POOL SURFACE AREA	GAL/ FT ²	1.87
ADA ACCESS REQUIREMENTS	PRIMARY & SECONDARY (<300 LF)	
PRIMARY MEANS	ADA COMPLIANT POOL LIFT	
SECONDARY MEANS	BEACH ENTRY RAMP	
POOL MAXIMUM OCCUPANCY	PATRONS	403

PVC SCHEDULE 80 NOMINAL PIPE SIZES (ENGLISH)			
ALL SWIMMING POOL PIPE SIZES AS INDICATED UPON THE DRAWINGS ARE BASED UPON THE FOLLOWING TABLE, REGARDLESS OF TYPE OF SYSTEM OR PIPING MATERIAL.			
NPS (inches)	Actual O.D. (inches)	NPS (inches)	Actual O.D. (inches)
1/8	0.405	4	4.500
1/4	0.540	5	5.563
3/8	0.675	6	6.625
1/2	0.840	8	8.625
3/4	1.050	10	10.750
1	1.315	12	12.750
1-1/4	1.660	14	14.000
1-1/2	1.900	16	16.000
2	2.375	18	18.000
2-1/2	2.875	20	20.000
3	3.500	24	24.000
3-1/2	4.000		
NPS IS THE INCH-POUND DESIGNATION FOR 'NOMINAL PIPE SIZE'			



GENERAL CONSTRUCTION NOTES

- CONSTRUCTION SHALL CONFORM WITH THE LATEST CODES & NORTH CAROLINA DEPARTMENT OF HEALTH STANDARDS AND SPECIFICATIONS AND EDGEcombe COUNTY DEPARTMENT OF HEALTH SUPPLEMENTAL CODES AND SPECIFICATIONS (AS APPLICABLE).
- THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH NORTH CAROLINA HEALTH DEPARTMENT REQUIREMENTS PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS. HOWEVER, SUCH REVIEW SHALL NOT PREVENT THE CITY FROM REQUIRING CORRECTION OF ERRORS IN PLANS FOUND TO BE IN VIOLATION OF ANY LAW OR ORDINANCE. REVIEW AND APPROVAL OF PLANS DOES NOT RELEASE ANY CONTRACTOR FROM RESPONSIBILITY FOR ERRORS AND OMISSIONS ON SAID PLANS.
- IF APPLICABLE, THE CONTRACTOR(S) SHALL CONTACT PROPER AUTHORITY & RECEIVE A DIG PERMIT FORTY EIGHT HOURS PRIOR TO CONSTRUCTION.
- ALL INDIVIDUAL TRADES WILL HAVE THE REQUIRED LICENSING FROM THE DEPARTMENT OF PROFESSIONAL OCCUPATION AND REGULATION. UNLICENSED INDIVIDUALS WILL NOT BE PERMITTED ON THE PROJECT SITE.
- EXISTING CONDITIONS INFORMATION SHOWN IN THIS PLAN SET HAVE BEEN BASED ON RECORD DRAWINGS, LIMITED FIELD MEASUREMENTS, AND SITE OBSERVATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMATION OF AS-BUILT CONDITIONS THAT WILL IMPACT CONSTRUCTION.
- POOL RENOVATION DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE POOL AND RELATED FACILITY SHALL BE IN ACCORDANCE WITH THE NORTH CAROLINA DEPARTMENT OF HEALTH & HUMAN SERVICES 15A NCAC 18A.2500 CODE RULES GOVERNING PUBLIC SWIMMING POOLS.
- THE CONTRACTOR(S) SHALL MEET THE QUALIFICATIONS LISTED IN SPECIFICATION SECTION 131100 AND BE RESPONSIBLE FOR THE FURNISHING AND INSTALLATION OF ALL SPECIALTY EQUIPMENT SPECIFIED UNDER DIVISION 13.
- DURING CONSTRUCTION, A DEPARTMENT OF HEALTH APPROVED SET OF PLANS SHALL BE AVAILABLE ON THE JOB SITE AT ALL TIMES.
- ALL CONCRETE DECK AREA AND TOP OF GUTTER SHALL HAVE A NON-SLIP SURFACE.
- ALL AREAS OF THE POOL DECK SHALL BE PITCHED A MINIMUM OF 2% SLOPE TO EXISTING DECK AREA DRAINS FOR ADEQUATE DECK DRAINAGE.
- SAFETY SIGNS FOR USE OF THE SWIMMING POOL AND OTHER EMERGENCY INFORMATION SHALL BE LOCATED IN A EASILY VISIBLE LOCATION.
- SWIMMING POOL INTERIOR SHALL BE INSTALLED WITH A SMOOTH UNIFORM APPEARANCE. FINISHES VARY ACCORDING TO EACH AREA OF POOL. SEE SPECIFICATIONS FOR DETAILS.
- ALL WORK SHALL COMPLY WITH NATIONAL ELECTRIC CODE SECTION 680 AND ALL BUILDING & HEALTH CODE REQUIREMENTS WHICH APPLY TO POOL CONSTRUCTION. SEE ELECTRICAL PLANS AND SPECIFICATIONS INCLUDED WITHIN THIS BID SET FOR DETAILS.
- ALL POOL DEPTH MARKERS SHALL BE FIELD VERIFIED PRIOR TO TILE INSTALLATION WITH CONSTRUCTED WATER DEPTH CONDITIONS. MARKINGS SHALL BE DARK LETTERS / NUMBERS ON WHITE BACKGROUND AND SHALL MEET HEALTH DEPARTMENT REQUIREMENTS.
- POOL MECHANICAL ROOM ACCESS DOORS SHALL PROVIDE CLEARANCE SUCH THAT ALL NEW POOL EQUIPMENT WILL FIT THROUGH DOOR OPENINGS. SEE EQUIPMENT NOTES AND DETAILS INCLUDED WITHIN THIS BID SET.
- POOL CHEMICAL AREAS SHALL BE CLEARLY MARKED AND SHALL PROVIDE ADEQUATE CHEMICAL HAZARD WARNING SIGNAGE. MSDS SHEETS FOR ALL CHEMICALS USED FOR POOL DISINFECTION AND pH CONTROL SHALL BE READILY ACCESSIBLE.
- ALL NEWLY INSTALLED POOL PIPING SHALL BE HYDRAULICALLY TESTED TO 40 PSI AND TEST SHALL REMAIN ON PIPES UNTIL ALL CONCRETE OR BACKFILL HAS BEEN COMPLETED FOR A 4 HOUR DURATION. PIPING SHALL BE PVC HAVING NSF-PW SEAL OF APPROVAL. ALL PIPES SHALL BE PVC SCHEDULE 80 UNLESS LISTED DIFFERENTLY ON SPECIFIC DETAILS.
- ALL POOL CHEMICAL FEEDER PUMPS SHALL BE ELECTRICALLY INTERLOCKED WITH THE FILTER RECIRCULATION PUMP TO PREVENT CHEMICAL PUMPS FROM RUNNING WHEN FILTER PUMP IS TURNED OFF.
- SWIMMING POOL FILL SYSTEM SHALL BE INSTALLED WITH AN APPROVED BACKFLOW PREVENTION DEVICE UPSTREAM OR INCORPORATE AN APPROVED AIR GAP BETWEEN WATER TANK AND SOURCE. CONTRACTOR TO VERIFY.
- ALL POOL DECK EQUIPMENT HARDWARE & CONNECTORS SHALL BE CHROME PLATED BRONZE OR STAINLESS STEEL UNLESS OTHERWISE NOTED.
- ALL EXPOSED PVC PIPING SHOULD BE IDENTIFIED / LABELED AS REQUIRED BY YTHE MODEL AQUATIC HEALTH CODE (SEE REQUIRED COLOR CODING PIPES SCHEDULE ON THIS SHEET).
- ALL MAIN DRAIN GRATES MUST BE SECURED WITH NON CORROSIVE STAINLESS STEEL TAMPER PROOF SCREWS TO PREVENT UNWANTED REMOVAL.
- ALL POOL EQUIPMENT (E: GRAB RAILS, HAND RAILS, CUP ANCHORS, ETC.) IN OR AROUND THE POOL MUST BE EQUIPPED WITH ESCUTCHEONS OR OTHER MEANS TO AVOID SHARP EDGES OR UNSAFE CONDITIONS.
- SWIMMING POOL MAXIMUM BATHER LOAD SIGN MUST BE POSTED (SEE OCCUPANCY IN DESIGN DATA CHART & SIGN DATA NOTES).
- SWIMMING POOL SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH ADAAG, SECTION 15.8.
- ALL PRODUCTS SPECIFIED WITHIN THESE PROJECT DOCUMENTS HAVE UNDERGONE NORTH CAROLINA DEPARTMENT OF HEALTH REVIEW/APPROVAL. ANY ALTERNATES TO SPECIFIED PRODUCTS MAY BE CONSIDERED BUT MUST MEET SPECIFICATION SECTION 016000 "PRODUCT REQUIREMENTS".
- THE CONTRACTOR SHALL MAINTAIN SITE SECURITY AND EMPLOY ENGINEERING CONTROLS TO ENSURE A SAFE WORK ENVIRONMENT FOR THE DURATION OF THE PROJECT. ALL APPROPRIATE PPE REQUIREMENTS SHALL BE STRICTLY FOLLOWED.
- ELECTRICITY AND WATER SERVICES ARE AVAILABLE ON SITE FOR USE BY THE CONTRACTOR FOR THE DURATION OF THE PROJECT. IF THE CONTRACTOR USES THE ON SITE UTILITIES, THE CONTRACTOR MUST DO SO IN A WAY THAT DOES NOT DISRUPT THE UTILITY SERVICE TO THE REMAINDER OF THE PROJECT SITE.

ELECTRICAL NOTES

- CONTRACTOR SHALL ELECTRICALLY GROUND AND BOND ALL EQUIPMENT, POOL REINFORCING, POOL ACCESSORIES, AND PIPING IN ACCORDANCE WITH NATIONAL ELECTRIC CODE REQUIREMENTS, ARTICLE 680 OF THE ELECTRICAL CODE.
- ALL ELECTRICAL OUTLETS IN THE MECHANICAL EQUIPMENT AREA, OUTDOOR POOL DECK AREA SHALL BE GROUND-FULT CIRCUIT INTERRUPTER TYPE (PROVIDED & INSTALLED BY CONTRACTOR).
- ALL SWIMMING POOL ELECTRICAL WORK BY THE CONTRACTOR SHALL CONFORM TO THE NORTH CAROLINA UNIFORM CODE AND THE LATEST REVISION OF NEC 680.
- THERE SHALL BE NO OVERHEAD ELECTRICAL WIRING WITHIN 20 FEET OF THE POOL.
- ALL NEWLY INSTALLED ANCHORS AND IMBEDS SHALL BE ELECTRICALLY BONDED PER NEC 680. BONDING CERTIFICATION SHALL BE PROVIDED AT WORK CONCLUSION.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AN ELECTRICAL CERTIFICATE FOR ALL COMPLETED WORK PRIOR TO POOL ACCEPTANCE.

PIPE CODING & IDENTIFICATION

- CONTRACTOR SHALL INSTALL ALL POOL PIPING AS PER MODEL AQUATIC HEALTH CODE SECTION 4.7.1.7.4 - PIPING AND COMPONENT IDENTIFICATION. SEE BELOW FOR REQUIREMENTS:
- 4.7.1.7.4.1A CLEARLY MARKED:
ALL EXPOSED PIPING SHALL BE CLEARLY MARKED TO INDICATE FUNCTION.
- 4.7.1.7.4.2 FLOW DIRECTION AND SOURCE:
ALL PIPING SHALL BE CLEARLY MARKED TO INDICATE TYPE OR SOURCE OF WATER AND DIRECTION OF FLOW WITH CLEAR LABELING AND/OR COLOR CODING.
- 4.7.1.7.4.3 VALVES:
ALL VALVES SHALL BE CLEARLY MARKED TO INDICATE FUNCTION WITH CLEAR LABELING AND/OR COLOR CODING.
- 4.7.1.7.4.4 SCHEMATIC DISPLAYED:
A COMPLETE, EASILY READABLE SCHEMATIC OF THE ENTIRE AQUATIC VENUE RECIRCULATION SYSTEM SHALL BE OPENLY DISPLAYED IN THE MECHANICAL ROOM OR AVAILABLE TO MAINTENANCE AND INSPECTION PERSONNEL.

CHEMICAL NOTES

- THE SWIMMING POOL IS DESIGNED TO PROVIDE FOR CONTINUOUS DISINFECTION OF THE POOL WATER WITH A CHEMICAL WHICH IS AN EFFECTIVE DISINFECTANT AND WHICH IMPARTS AN EASILY MEASURED, ACTIVE RESIDUAL.
- AN AUTOMATIC FEEDER WHICH IS EASILY ADJUSTABLE SHALL BE PROVIDED BY THE CONTRACTOR FOR THE APPLICATION OF DISINFECTANT. FEEDER SHALL BE CAPABLE OF SUPPLYING DISINFECTANT TO THE POOL IN THE RANGE UP TO 10 MG/L CHLORINE OR EQUIVALENT.
- CHEMICAL FEED EQUIPMENT: EQUIPMENT AND PIPING USED TO APPLY CHEMICALS TO THE WATER SHALL BE OF SUCH SIZE, DESIGN AND MATERIAL THAT THEY MAY BE CLEANED. ALL MATERIAL USED FOR SUCH EQUIPMENT AND PIPING SHALL BE RESISTANT TO ACTION OF CHEMICALS TO BE USED THEREIN. CHEMICAL SYSTEMS SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR.
- pH ADJUSTMENT: MECHANICAL FEED EQUIPMENT FOR THE PURPOSE OF ADDING A CHEMICAL FOR pH ADJUSTMENT SHALL BE PROVIDED BY THE CONTRACTOR. THE METHODS FOR ADDITION OF CHEMICALS MUST BE SPECIFIED IN THE SAFETY PLAN. THE METHOD OF CHEMICAL ADDITION MUST PROTECT THE BATHER FROM CONTACT WITH CONCENTRATED CHEMICALS. THE METHOD MUST PROVIDE ADEQUATE DISTRIBUTION OF THE CHEMICAL THROUGHOUT THE POOL AND DISTRIBUTION MUST BE VERIFIED BY POOL WATER TESTING PRIOR TO BATHER EXPOSURE.
- AN AUTOMATIC DEVICE SHALL BE PROVIDED TO DEACTIVATE CHEMICAL FEEDERS WHEN THERE IS NO FLOW IN THE RECIRCULATION SYSTEM.
- WATER TEST KIT: A COLORIMETRIC TEST KIT SHALL BE PROVIDED BY THE CONTRACTOR FOR THE DETERMINATION OF FREE DISINFECTANT RESIDUAL, pH OF THE POOL WATER AND, WHERE NECESSARY, TOTAL ALKALINITY AND CALCIUM HARDNESS.

OPERATIONAL NOTES

- A SWIMMING POOL SAFETY PLAN CONSISTING OF PROCEDURES FOR REACTING TO EMERGENCIES, INJURIES AND OTHER INCIDENTS, PROVIDING FIRST AID, AND SWIMMING HELP SHALL BE AVAILABLE.
- THE FOLLOWING POOL SAFETY EQUIPMENT SHALL BE PROVIDED BY THE OWNER. THEY SHALL INCLUDE BUT NOT BE LIMITED TO: A FIRST AID KIT SHALL BE LOCATED IN THE FIRST AID ROOM WITHIN THE BATHHOUSE AND RESCUE TUBES OR EQUIVALENT SHALL BE PROVIDED AT EACH LIFE GUARD STATION AT THE COMPETITION POOL.
- THE FOLLOWING POOL MAINTENANCE EQUIPMENT SHALL BE PROVIDED BY THE CONTRACTOR: ONE WATER CHEMICAL TEST KIT (SEE POOL CHEMICAL NOTE #6).
- THE FOLLOWING POOL MAINTENANCE EQUIPMENT SHALL BE PROVIDED BY THE CONTRACTOR: (1) PORTABLE POOL VACUUM, SEE SPECIFICATIONS FOR FULL DETAILS.
- THE FOLLOWING INFORMATION SHALL BE PROVIDED BY THE CONTRACTOR TO CITY PERSONNEL AT THE END OF CONSTRUCTION: SWIMMING POOL FILTER BACKWASH PROCEDURE, SWIMMING POOL FILLING & EMPTYING PROCEDURE, SWIMMING POOL MECHANICAL EQUIPMENT IDENTIFICATION PLAN, VALVE REFERENCE CHART AND PIPING SCHEMATIC, AND SWIMMING POOL FINISH MAINTENANCE PROCEDURE.
- THE CONTRACTOR SHALL PROVIDE ALL NEWLY SUPPLIED EQUIPMENT O&M MANUALS TO CITY PERSONNEL AT THE END OF CONSTRUCTION.
- LIFEGUARDS SHALL BE RELIABLE AND COMPETENT PERSON(S) AS A LIFE GUARD, FACILITY MANAGEMENT SHALL PROVIDE FOR THE USE OF THE LIFE GUARD(S) LIFE SAVING EQUIPMENT AS REQUIRED.
- FACILITY IS DESIGNED FOR NIGHT TIME SWIMMING.
- POOL FACILITY IS OPERATIONAL DURING THE SUMMER (MAY THROUGH SEPTEMBER) AND IS SUPERVISED AND MAINTAINED BY CITY PERSONNEL.

SPECIAL BID & CONSTRUCTION NOTES

- BID RFP DATE OF ISSUE SHALL BE ON FRIDAY, MARCH 18, 2022. BIDS SHALL BE RECEIVED BY TUESDAY, APRIL 26, 2022 BY 2 PM EST.
- A NON-MANDATORY PRE-BID CONFERENCE WILL BE HELD AT THE CITY POOL ON TUESDAY, MARCH 29, 2022 AT 10:30 AM. ALL INTERESTED BIDDERS ARE STRONGLY ENCOURAGED TO ATTEND.
- NOTICE TO PROCEED SHALL BE ISSUED ON OR AROUND WEDNESDAY JUNE 1, 2022. CONTRACTOR'S SHOP DRAWINGS WILL BEGIN IMMEDIATELY FOLLOWING AWARD OF CONTRACT.
- CONSTRUCTION SHALL BEGIN BY OR BEFORE JUNE 22, 2022 AND BE SUBSTANTIALLY COMPLETED BY DECEMBER 30, 2022. FINAL COMPLETION DATE SHALL BE BY OR BEFORE MARCH 1, 2023.
- THIS BID SET CONSISTS OF BASE BID WORK AND A TOTAL OF FIVE ADD ALTERNATES. THESE ITEMS ARE CLEARLY IDENTIFIED WITHIN THE BID DOCUMENTS.

ADD ALTERNATE LIST

- ADD ALTERNATE #1: CONTRACTOR SHALL PROVIDE AND INSTALL THE IDENTIFIED SWIMMING POOL FINISH REPLACEMENTS AND THE DEPTH MARKER TILE.
- ADD ALTERNATE #2: CONTRACTOR SHALL PROVIDE AND INSTALL THE IDENTIFIED ARCHITECTURAL IMPROVEMENTS TO THE BATHHOUSE SUPPORT BUILDING.
- ADD ALTERNATE #3: CONTRACTOR SHALL PROVIDE AND INSTALL THE IDENTIFIED IMPROVEMENTS WHICH INCLUDE REPAIRS TO THE PARKING LOT, WATER METER, LAWN / LANDSCAPING, INTERIOR LIGHTS AND ELECTRIC HOT WATER HEATER REPLACEMENT.
- ADD ALTERNATE #4: CONTRACTOR SHALL PROVIDE AND INSTALL THE IDENTIFIED IMPROVEMENTS WHICH INCLUDE ALL OF THE SWIMMING POOL'S RECESSED STEP REPLACEMENTS AND FULL REPLACEMENT OF THE THREE SHADE STRUCTURES (LIKE FOR LIKE).
- ADD ALTERNATE #5: CONTRACTOR SHALL PROVIDE AND INSTALL THE IDENTIFIED IMPROVEMENTS WHICH SHALL INCLUDE REPAIRS TO THE EXISTING UNDERWATER LIGHTS, POOL PIPING & PIPE SUPPORT REPLACEMENTS (WITHIN EQUIPMENT ROOM), A NEW CHEMICAL CONTROLLER AND FLOW CELL, NEW CHEMICAL METERING PUMPS, NEW CHEMICAL TANKS, A NEW FLOW METER AND REPAIRS TO THE EXISTING WATER MAKEUP SYSTEM.



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



NCBLES # F-1165

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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submittal / Revision	App'd. By	Date
0	BID/PERMIT SET	TR MC	3/4/22

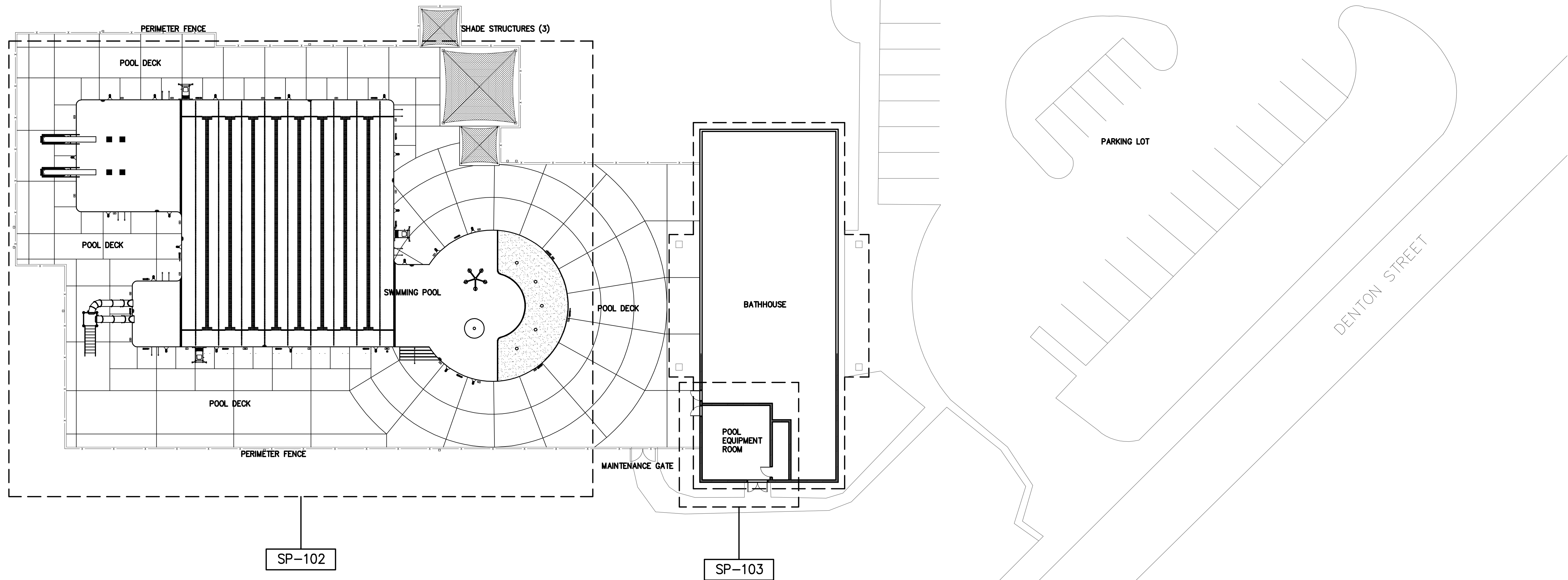
SWIMMING POOL GENERAL NOTES & STATISTICS

Designed By:	Drawn By:	Checked By:
MDC	MDC	JPH
Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:

SP-001

File: V:\PROJECTS\ANY\K5\063994\000\09_DESIGN\DRAWINGS\01_SHEETS\SP-101 OVERALL SITE PLAN.DWG
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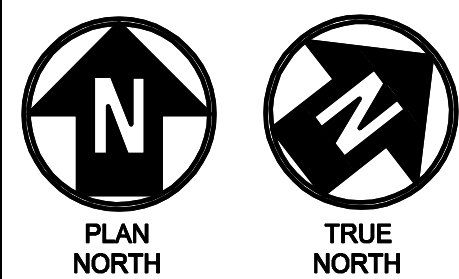


1 OVERALL SITE PLAN
SCALE: 1/16" = 1'-0"

EXISTING CONDITIONS NOTES:
1. EXISTING CONDITIONS SHOWN IN PLAN ARE REFLECTIVE AT THE TIME OF SITE VISIT CONDUCTED ON JANUARY 7, 2021.
2. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS DURING BID PERIOD AND SUBMIT ANY QUESTIONS OR COMMENTS RELATING TO EXISTING CONDITIONS SHOWN IN PLAN ABOVE.



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



NCBLES # F-1165

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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submitted / Revision	App'd. By	Date

0 BID/PERMIT SET TR MC 3/4/22

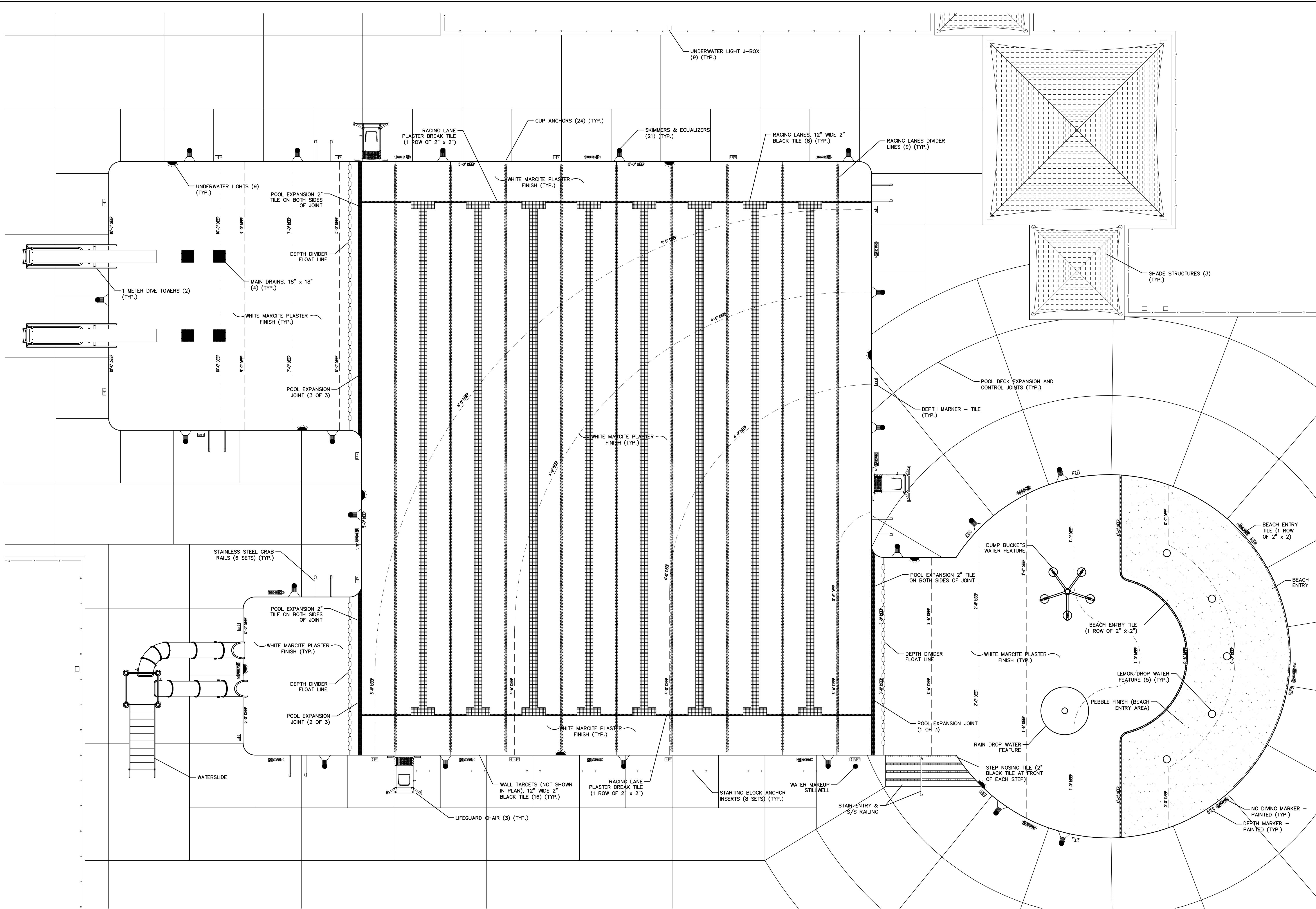
OVERALL SITE PLAN

Designed By:	Drawn By:	Checked By:
MDC	MDC	JPH
Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:

SP-101

File: V:\PROJECTS\ANY\K5\063994\000\09_09_2022\DRAWINGS\01_SHEETS\SP-102 SWIMMING POOL EXISTING CONDITIONS PLAN.DWG
Saved: 3/2/2022 1:25:48 PM Plotted: 3/2/2022 1:26:08 PM Current User: Cathone, Matt Last Saved By: 3530



1 SWIMMING POOL EXISTING CONDITIONS PLAN
SCALE: 3/16" = 1'-0"

EXISTING CONDITIONS NOTES:

- EXISTING CONDITIONS SHOWN IN PLAN ARE REFLECTIVE AT THE TIME OF SITE VISIT CONDUCTED ON JANUARY 7, 2021.
- CONTRACTOR SHALL REVIEW EXISTING CONDITIONS DURING BID PERIOD AND SUBMIT ANY QUESTIONS OR COMMENTS RELATING TO EXISTING CONDITIONS SHOWN IN PLAN ABOVE.



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



NCBLES # F-1165

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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submitted / Revision	App'd. By	Date
0	BID/PERMIT SET	TR MC	3/4/22

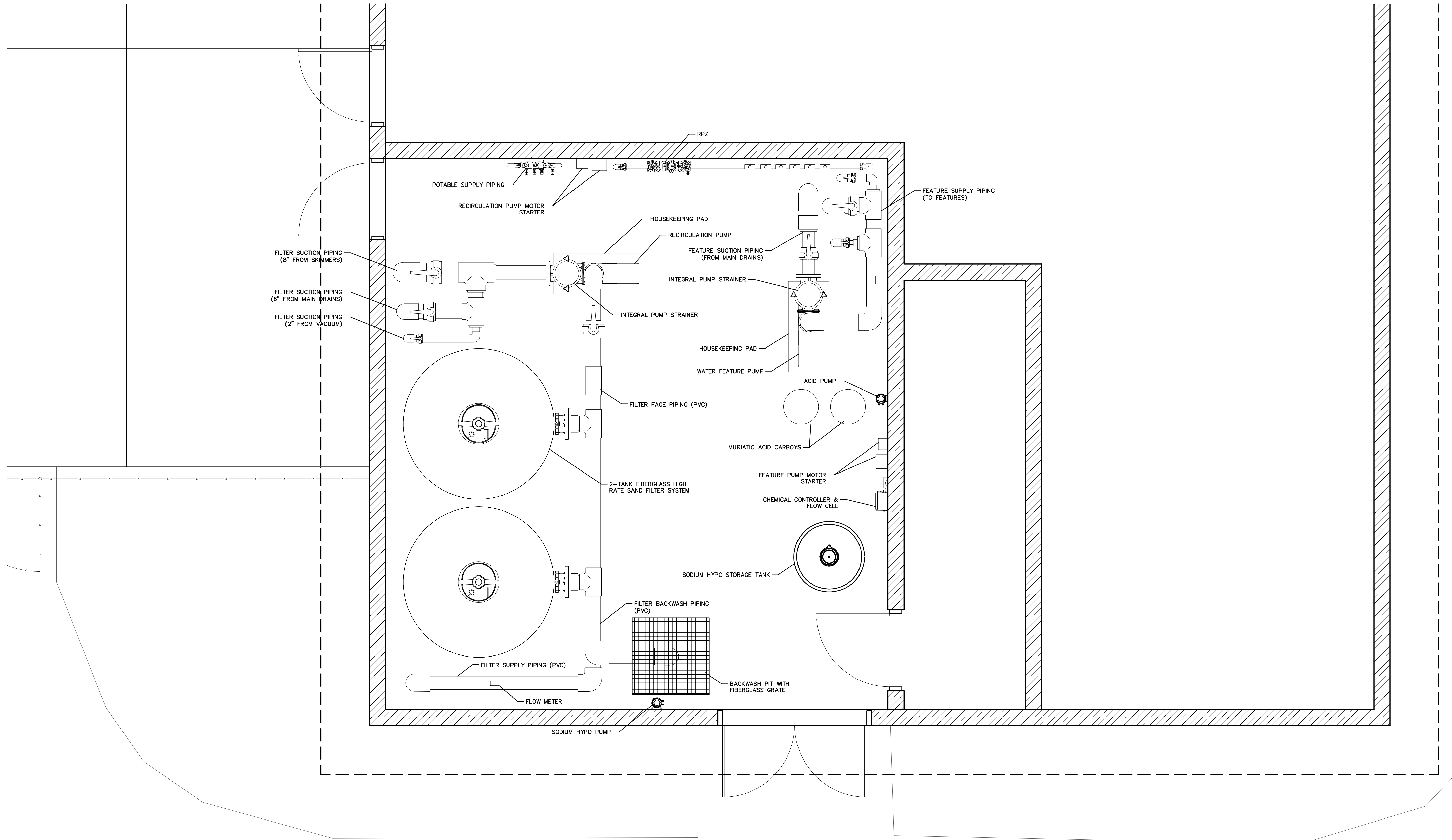
SWIMMING POOL
EXISTING
CONDITIONS PLAN

Designed By:	Drawn By:	Checked By:
MDC	MDC	JPH
Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:

SP-102

File: V:\PROJECTS\ANY\K5\063994\000\09\DESIGN\DRAWINGS\01_SHEETS\SP-103 SWIMMING POOL EQUIPMENT ROOM EXISTING CONDITIONS PLAN.DWG
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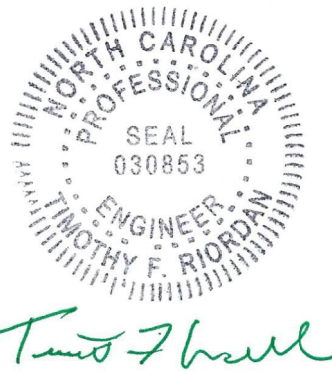
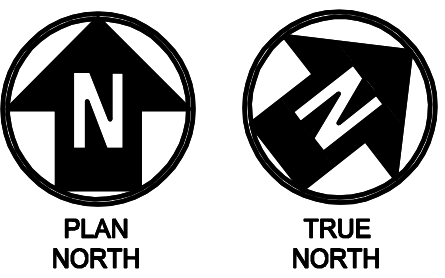


1 SWIMMING POOL EQUIPMENT ROOM EXISTING CONDITIONS PLAN
SCALE: 1/2" = 1'-0"

EXISTING CONDITIONS NOTES:
1. EXISTING CONDITIONS SHOWN IN PLAN ARE REFLECTIVE AT THE TIME OF SITE VISIT CONDUCTED ON JANUARY 7, 2021.
2. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS DURING BID PERIOD AND SUBMIT ANY QUESTIONS OR COMMENTS RELATING TO EXISTING CONDITIONS SHOWN IN PLAN ABOVE.



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



NCBLES # F-1165

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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submitted / Revision	App'd. By	Date

0 BID/PERMIT SET TR MC 3/4/22

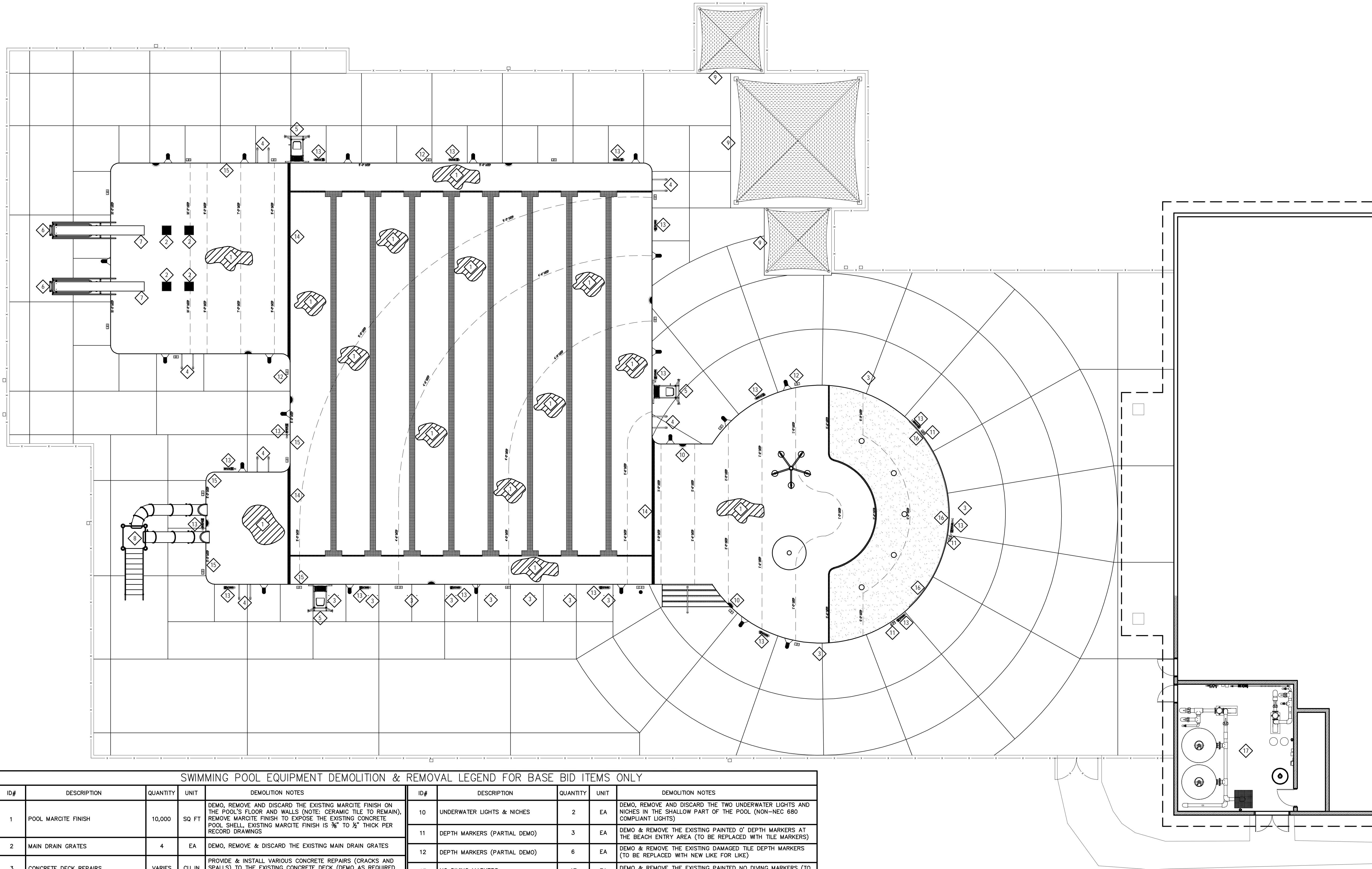
SWIMMING POOL
EQUIPMENT ROOM
EXISTING
CONDITIONS PLAN

Designed By:	Drawn By:	Checked By:
MDC	MDC	JPH
Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:

SP-103

File: V:\PROJECTS\ANY\K5\063994\000\09_009_000\DESIGN\DRAWINGS\01_SHEETS\SP-201 SWIMMING POOL DEMOLITION PLAN (BASE BID).DWG
Saved: 2/28/2022 2:39:04 PM Plotted: 3/2/2022 11:30:13 PM Current User: Cebore, Matt LastSavedBy: 3530



SWIMMING POOL EQUIPMENT DEMOLITION & REMOVAL LEGEND FOR BASE BID ITEMS ONLY

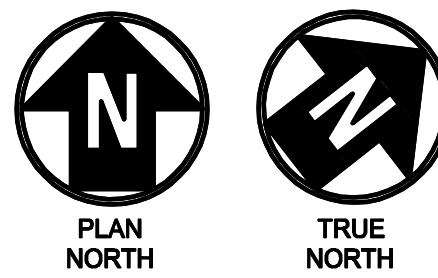
ID#	DESCRIPTION	QUANTITY	UNIT	DEMOLITION NOTES	ID#	DESCRIPTION	QUANTITY	UNIT	DEMOLITION NOTES
1	POOL MARCITE FINISH	10,000	SQ FT	DEMO, REMOVE AND DISCARD THE EXISTING MARCITE FINISH ON THE POOL'S FLOOR AND WALLS (NOTE: CERAMIC TILE TO REMAIN). REMOVE MARCITE FINISH TO EXPOSE THE EXISTING CONCRETE POOL SHELL. EXISTING MARCITE FINISH IS 3/8" TO 1/2" THICK PER RECORD DRAWINGS	10	UNDERWATER LIGHTS & NICHES	2	EA	DEMO, REMOVE AND DISCARD THE TWO UNDERWATER LIGHTS AND NICHES IN THE SHALLOW PART OF THE POOL (NON-NEC 680 COMPLIANT LIGHTS)
2	MAIN DRAIN GRATES	4	EA	DEMO, REMOVE & DISCARD THE EXISTING MAIN DRAIN GRATES	11	DEPTH MARKERS (PARTIAL DEMO)	3	EA	DEMO & REMOVE THE EXISTING PAINTED 0' DEPTH MARKERS AT THE BEACH ENTRY AREA (TO BE REPLACED WITH TILE MARKERS)
3	CONCRETE DECK REPAIRS	VARIES	CU IN	PROVIDE & INSTALL VARIOUS CONCRETE REPAIRS (CRACKS AND SPALLS) TO THE EXISTING CONCRETE DECK (DEMO AS REQUIRED TO REMOVE ALL LOOSE MATERIALS)	12	DEPTH MARKERS (PARTIAL DEMO)	6	EA	DEMO & REMOVE THE EXISTING DAMAGED TILE DEPTH MARKERS (TO BE REPLACED WITH NEW LIKE FOR LIKE)
4	STAINLESS STEEL GRAB RAILS	6	SETS	DEMO, REMOVE & DISCARD THE EXISTING S/S GRAB RAILS AND ANCHORS (CONCRETE DECK REMOVAL REQUIRED)	13	NO DIVING MARKERS	17	EA	DEMO & REMOVE THE EXISTING PAINTED NO DIVING MARKERS (TO BE REPLACED WITH TILE MARKERS)
5	LIFEGUARD CHAIRS (PARTIAL DEMO)	3	EA	DEMO, REMOVE & DISCARD THE FOLLOWING LIFEGUARD CHAIR PARTS: SEAT, SEAT ASSEMBLY, FOOTBOARD, WHEELS & STEPS	14	POOL EXPANSION JOINTS	3	EA	DEMO, REMOVE AND DISCARD THE EXISTING POOL'S EXPANSION JOINTS (APPROX. 120 TOTAL LINEAR FEET) AT THE 3 LOCATIONS (BOTH FLOOR AND WALLS)
6	DIVING TOWERS	2	EA	DEMO, REMOVE & DISCARD THE EXISTING 1 METER DIVING TOWERS. DEMO SHALL INCLUDE THE TOWER PEDESTAL, RAILING SUPERSTRUCTURE, FULCRUM & PAN ASSEMBLY, REAR LADDER & STEPS, AND ANCHORS (CONCRETE FOUNDATION TO REMAIN)	15	WATERLINE TILE (PARTIAL DEMO)	60	LN FT	DEMO, REMOVE AND DISCARD THE EXISTING POOL'S DAMAGED 6" SQUARE WATERLINE TILE (TO BE REPLACED LIKE FOR LIKE)
7	DIVING BOARDS	2	EA	DEMO, REMOVE & DISCARD THE EXISTING 1 METER DIVING BOARDS	16	BEACH ENTRY TILE	45	LN FT	DEMO, REMOVE AND DISCARD THE EXISTING POOL'S 2" SQUARE BEACH ENTRY TILE AT START OF RAMP (IE: ADJACENT TO POOL DECK) (TO BE REPLACED LIKE FOR LIKE)
8	WATERSLIDE	1	EA	DEMO, REMOVE & DISCARD THE EXISTING WATERSLIDE WHICH SHALL INCLUDE THE WATERSLIDE'S FRAME WORK, PLATFORM, STAIRWAY, FLUMES, CANOPY AND ANCHORS. POTABLE WATER SUPPLY TUBING AND CONNECTIONS TO REMAIN & BE REINSTALLED TO NEW SLIDE FLUMES.	17	POOL EQUIPMENT ROOM	N/A	N/A	SEE PLAN SHEET SP-301 FOR POOL EQUIPMENT ROOM DEMOLITION BASE BID SCOPE ITEMS
9	SHADE STRUCTURES (PARTIAL DEMO)	3	EA	DEMO, REMOVE & DISCARD THE EXISTING SHADE STRUCTURES' SHADE SAIL FABRIC AND PAINTED FINISH. SHADE FRAMES TO BE SANDBLASTED AND PREPARED FOR REFINISHING					

DEMOLITION NOTES:
1. ANY EQUIPMENT TO BE REUSED WILL BE REPLACED IF DAMAGED AT NO COST TO THE OWNER.
2. ANY EQUIPMENT TO BE DEMOED WILL BE REMOVED AND DISCARDED BY CONTRACTOR.
3. CONTRACTOR SHALL PROPERLY REMOVE AND DISCARD COMPETITION POOL FINISH AND OTHER POOL DEMOED MATERIALS.
4. CONTRACTOR SHALL PROTECT ALL SURROUNDINGS UNLESS SPECIFICALLY LISTED WITHIN DEMO PLAN. ANY DAMAGE WILL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.

1 SWIMMING POOL DEMOLITION PLAN (BASE BID)
SCALE: 1/8" = 1'-0"



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



NCBLES # F-1165

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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NC

No.	Submitted / Revision	App'd. By	Date
0	BID/PERMIT SET	TR MC	3/4/22

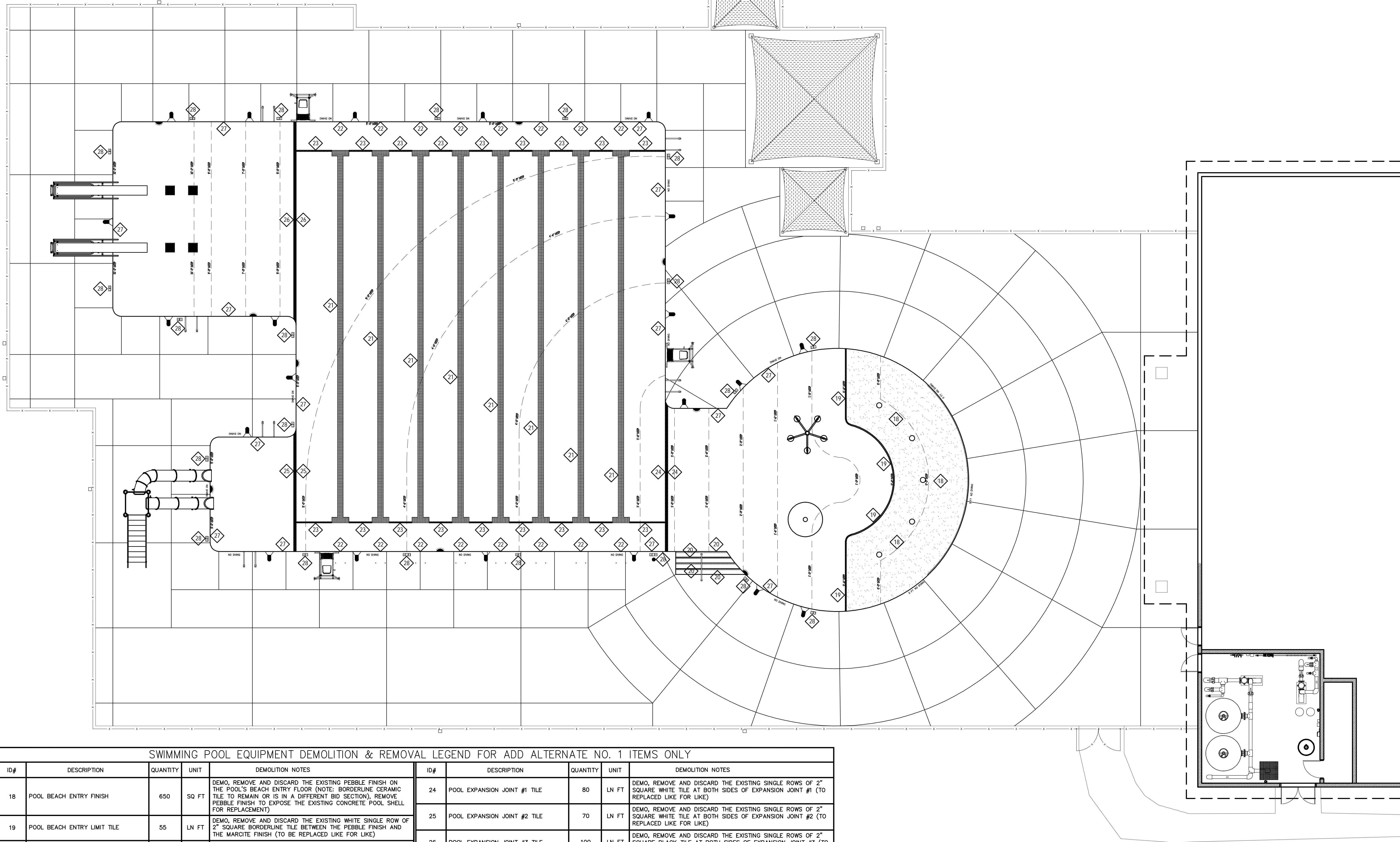
SWIMMING POOL
DEMOLITION PLAN
(BASE BID)

Designed By: MDC	Drawn By: MDC	Checked By: JPH
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:

SP-201

File: V:\PROJECTS\ANY\K5\063994\000\09_09_2022\DRAWINGS\01_SHEETS\SP-202 SWIMMING POOL DEMOLITION PLAN (ADD ALT 1).DWG
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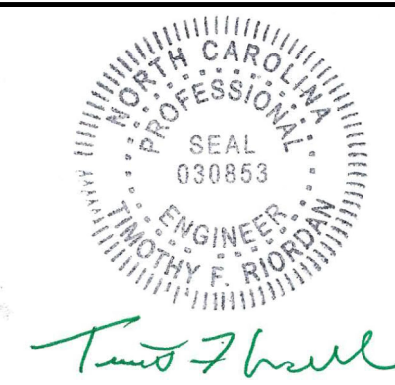
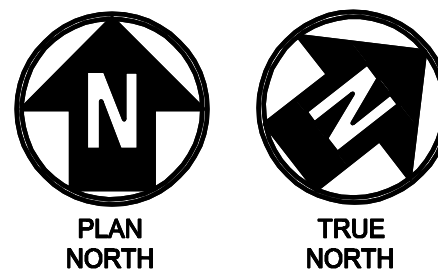
SWIMMING POOL EQUIPMENT DEMOLITION & REMOVAL LEGEND FOR ADD ALTERNATE NO. 1 ITEMS ONLY							
ID#	DESCRIPTION	QUANTITY	UNIT	DEMOLITION NOTES	ID#	DESCRIPTION	QUANTITY
18	POOL BEACH ENTRY FINISH	650	SQ FT	DEMO, REMOVE AND DISCARD THE EXISTING PEBBLE FINISH ON THE POOL'S BEACH ENTRY FLOOR (NOTE: BORDERLINE CERAMIC TILE TO REMAIN OR IS IN A DIFFERENT BID SECTION). REMOVE PEBBLE FINISH TO EXPOSE THE EXISTING CONCRETE POOL SHELL FOR REPLACEMENT	24	POOL EXPANSION JOINT #1 TILE	80
19	POOL BEACH ENTRY LIMIT TILE	55	LN FT	DEMO, REMOVE AND DISCARD THE EXISTING WHITE SINGLE ROW OF 2" SQUARE BORDERLINE TILE BETWEEN THE PEBBLE FINISH AND THE MARCITE FINISH (TO BE REPLACED LIKE FOR LIKE)	25	POOL EXPANSION JOINT #2 TILE	70
20	POOL STEP FRONT NOSING TILE	44	LN FT	DEMO, REMOVE AND DISCARD THE EXISTING BLACK SINGLE ROW OF 2" SQUARE POOL STEP FRONT NOSING TILE (TO BE REPLACED LIKE FOR LIKE)	26	POOL EXPANSION JOINT #3 TILE	100
21	POOL RACING LANE TILE	8	LANES	DEMO, REMOVE AND DISCARD THE EXISTING 2" SQUARE BLACK RACING LANE FLOOR TILE (TO BE REPLACED LIKE FOR LIKE). LANES ARE 12" WIDE AND EACH LANE CONSISTS OF APPROX. 70 SQUARE FEET OF SURFACE AREA (560 SQ. FT. TOTAL)	27	POOL WATERLINE TILE	400
22	POOL WALL TARGET TILE	16	TARGETS	DEMO, REMOVE AND DISCARD THE EXISTING 2" SQUARE BLACK WALL TARGET (WALL) TILE (TO BE REPLACED LIKE FOR LIKE). TARGETS ARE 12" WIDE AND EACH TARGET CONSISTS OF APPROX. 5 SQUARE FEET OF SURFACE AREA (80 SQ. FT. TOTAL)	28	POOL TILE DEPTH MARKERS	21
23	POOL FINISH BORDERLINE TILE @ RACING LANES	90	LN FT	DEMO, REMOVE AND DISCARD THE EXISTING SINGLE ROW OF 2" SQUARE WHITE TILE FOR THE PLASTER BREAK AT THE ENDS OF THE RACING LANES (TO BE REPLACED LIKE FOR LIKE)			

- DEMOLITION NOTES:
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 2. ANY EQUIPMENT TO BE DEMOED WILL BE REMOVED AND DISCARDED BY CONTRACTOR.
 3. CONTRACTOR SHALL PROPERLY REMOVE AND DISCARD COMPETITION POOL FINISH AND OTHER POOL DEMOED MATERIALS.
 4. CONTRACTOR SHALL PROTECT ALL SURROUNDINGS UNLESS SPECIFICALLY LISTED WITHIN DEMO PLAN. ANY DAMAGE WILL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.

1 SWIMMING POOL DEMOLITION PLAN (ADD ALTERNATE #1)
SCALE: 1/8" = 1'-0"



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



NCBLES # F-1165

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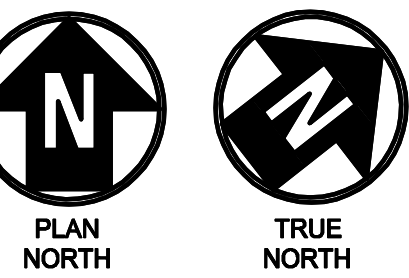
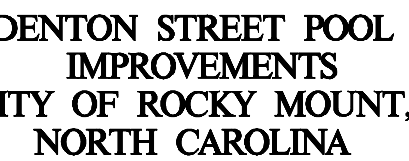
DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submitted / Revision	App'd. By	TR	MC	Date
0	BID/PERMIT SET	TR	MC		3/4/22

SWIMMING POOL
DEMOLITION PLAN
(ADD ALTERNATE 1)

Designed By:	Drawn By:	Checked By:
MDC	MDC	JPH
Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:
SP-202



IF A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE
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ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE
STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
STATEMENT "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION.

DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

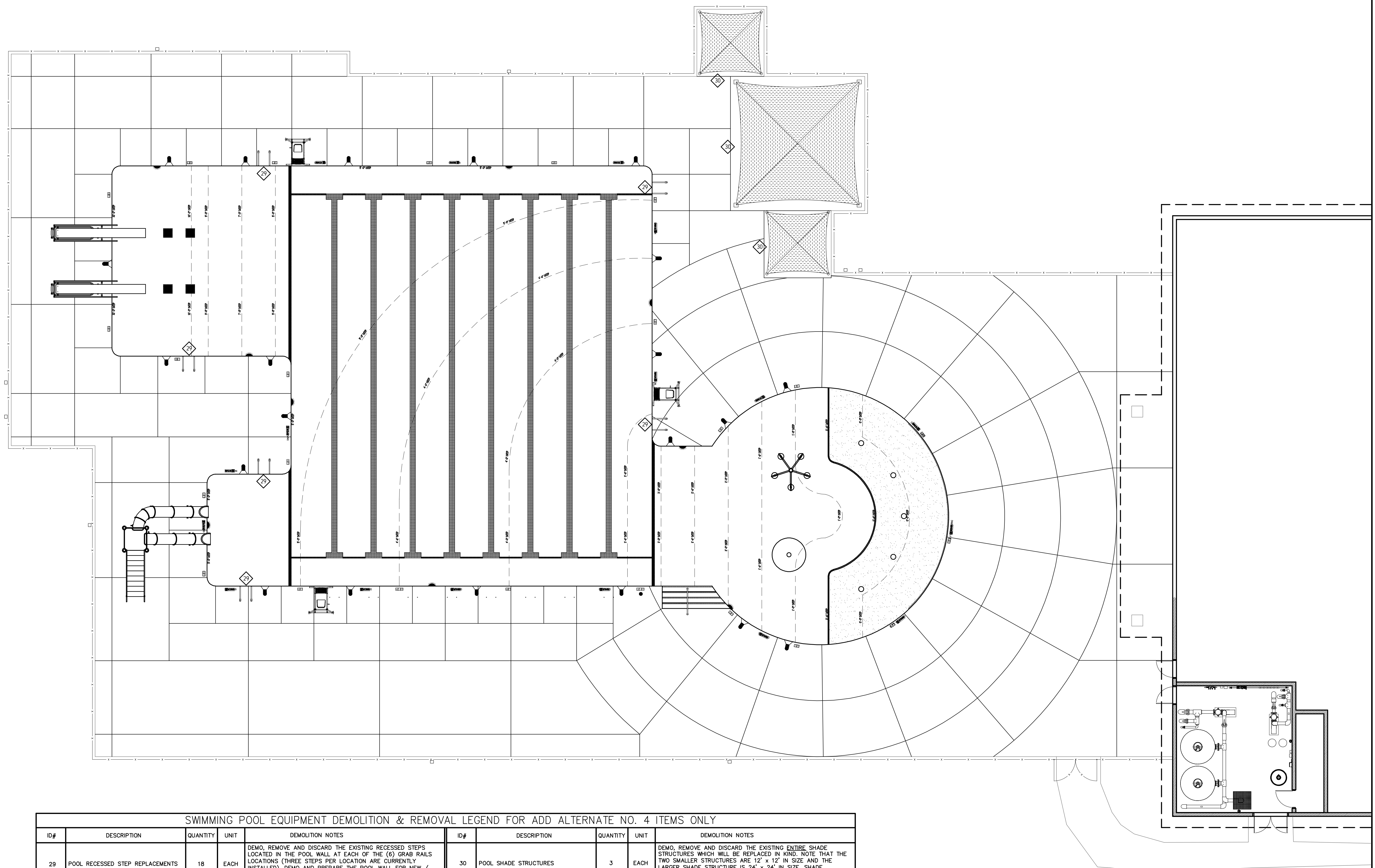
Submittal / Revision	App'd.	By	Date
BID/PERMIT SET	TR	MC	3/4/22

SWIMMING POOL
DEMOLITION PLAN
ADD ALTERNATE 4)

Designed By: MDC	Drawn By: MDC	Checked By: JPH
Issue Date: 4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:

SP-203



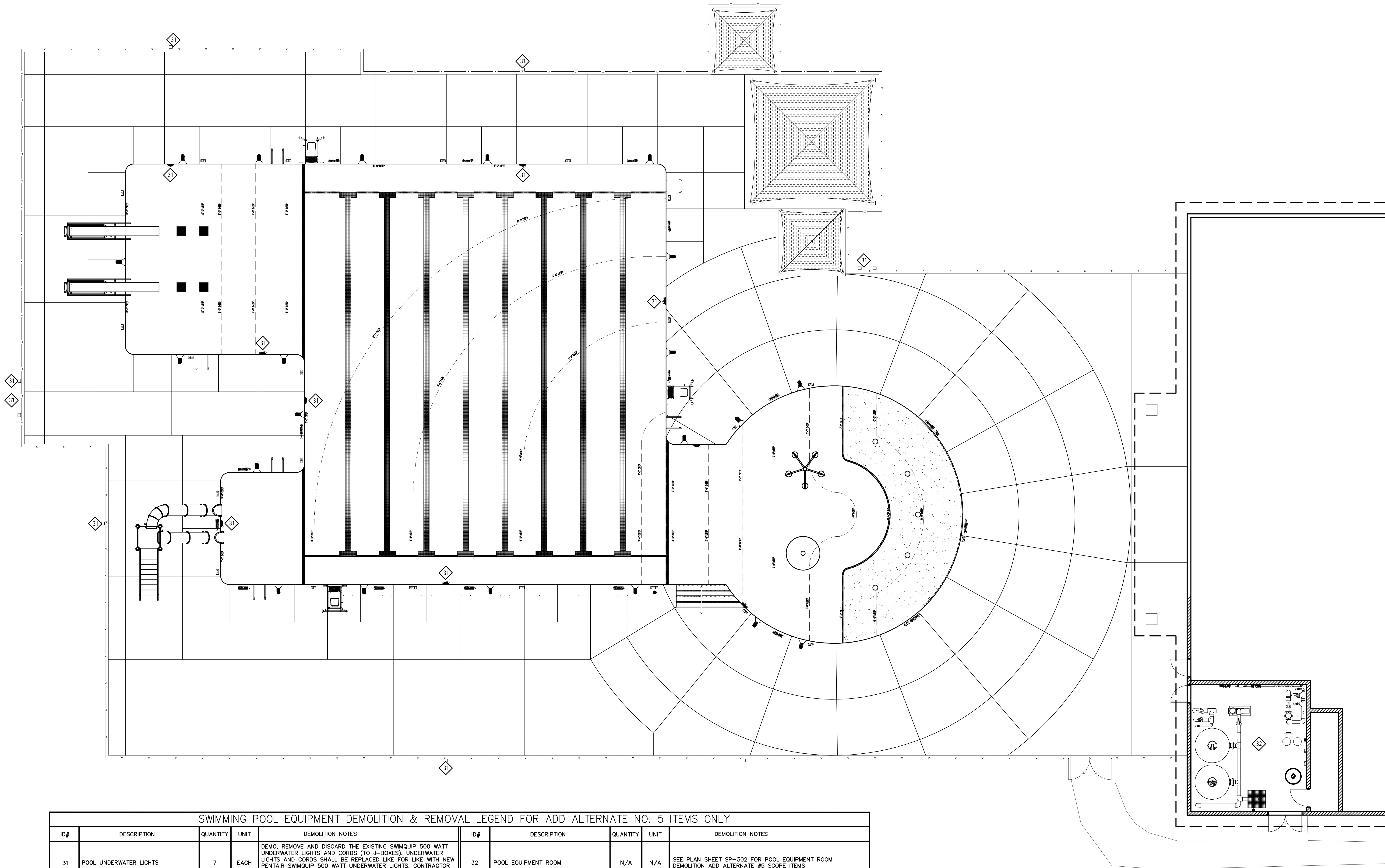
SWIMMING POOL EQUIPMENT DEMOLITION & REMOVAL LEGEND FOR ADD ALTERNATE NO. 4 ITEMS ONLY										
ID#	DESCRIPTION	QUANTITY	UNIT	DEMOLITION NOTES	ID#	DESCRIPTION	QUANTITY	UNIT	DEMOLITION NOTES	
29	POOL RECESSED STEP REPLACEMENTS	18	EACH	DEMO, REMOVE AND DISCARD THE EXISTING RECESSED STEPS LOCATED IN THE POOL WALL AT EACH OF THE (6) GRAB RAILS LOCATIONS (THREE STEPS PER LOCATION ARE CURRENTLY INSTALLED). DEMO AND PREPARE THE POOL WALL FOR NEW / DIFFERENT STYLE RECESSED STEP INSTALLATION. SEE SEPARATE DETAIL FOR INSTALLATION WITHIN THIS PLAN SET	30	POOL SHADE STRUCTURES	3	EACH	DEMO, REMOVE AND DISCARD THE EXISTING ENTIRE SHADE STRUCTURES WHICH WILL BE REPLACED IN KIND. NOTE THAT THE TWO SMALLER STRUCTURES ARE 12' x 12' IN SIZE AND THE LARGER SHADE STRUCTURE IS 24' x 24' IN SIZE. SHADE STRUCTURES (INCLUDING ANCHORS) ARE TO BE REMOVED AND DISCARDED.	

DEMOLITION NOTES:

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1 SWIMMING POOL DEMOLITION PLAN (ADD ALTERNATE #4)

File: V:\PROJECTS\ANY\K5\063994-000\09_DESIGN\DRAWINGS\01_SHEETS\SP-204_SWIMMING POOL DEMOLITION PLAN (ADD ALT 5).DWG
Saved: 2/28/2022 2:44:21 PM Plotted: 3/2/2022 1:37:49 PM Current User: Cuthbert, Matt LastSavedBy: 3530



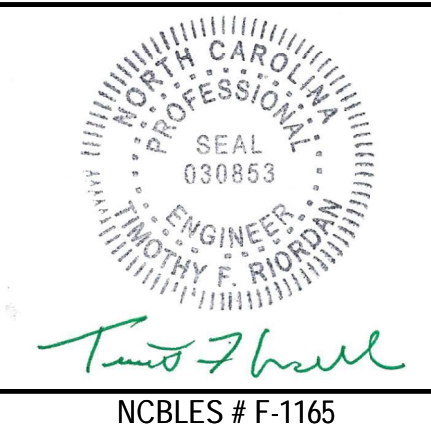
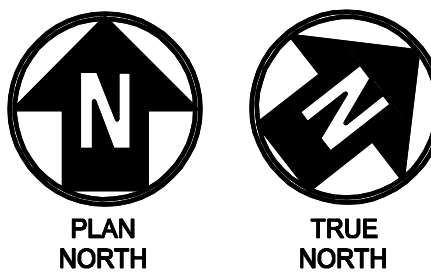
SWIMMING POOL EQUIPMENT DEMOLITION & REMOVAL LEGEND FOR ADD ALTERNATE NO. 5 ITEMS ONLY								
ID#	DESCRIPTION	QUANTITY	UNIT	DEMOLITION NOTES	ID#	DESCRIPTION	QUANTITY	UNIT
31	POOL UNDERWATER LIGHTS	7	EACH	DEMO, REMOVE AND DISCARD THE EXISTING SWIMQUIP 500 WATT UNDERWATER LIGHTS AND CORDS (TO J-BOXES). UNDERWATER LIGHTS AND CORDS SHALL BE REPLACED LIKE FOR LIKE WITH NEW PENTAIR SWIMQUIP 500 WATT UNDERWATER LIGHTS. CONTRACTOR SHALL COMPLETE ALL NECESSARY ELECTRICAL AS REQUIRED (SEE ELECTRICAL PLANS FOR ADDITIONAL DETAILS).	32	POOL EQUIPMENT ROOM	N/A	N/A

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1 SWIMMING POOL DEMOLITION PLAN (ADD ALTERNATE #5)
SCALE: 1/8" = 1'-0"



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NC

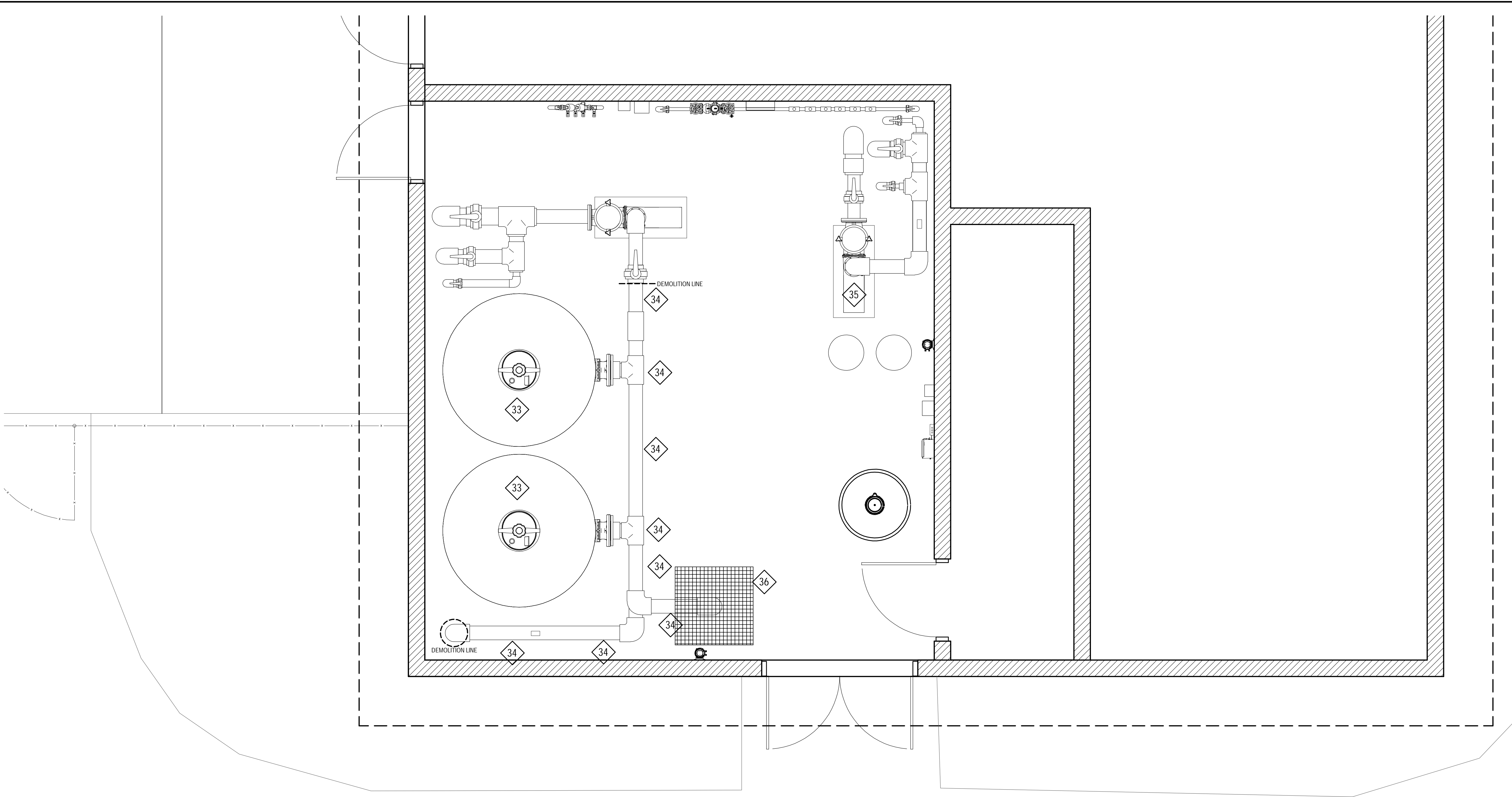
No.	Submitted / Revision	App'd.	By	Date
0	BID/PERMIT SET	TR	MC	3/4/22

SWIMMING POOL
DEMOLITION PLAN
(ADD ALTERNATE 5)

Designed By:	Drawn By:	Checked By:
MDC	MDC	JPH
Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:
SP-204

File: V:\PROJECTS\ANY\K5\063994.000\09_DESIGN\DRAWINGS\01_SHEETS\SP-301 SWIMMING POOL EQUIPMENT ROOM DEMOLITION PLAN (BASE BID).DWG
Saved: 2/28/2022 2:45:55 PM Plotted: 3/2/2022 1:39:26 PM Current User: Cuthbert, Matt LastSavedBy: 3530



SWIMMING POOL EQUIPMENT ROOM DEMOLITION & REMOVAL LEGEND (BASE BID ITEMS ONLY)							
ID#	DESCRIPTION	QUANTITY	UNIT	DEMOLITION NOTES	ID#	DESCRIPTION	QUANTITY
33	FILTERS	2	EA	DEMO, REMOVE AND DISCARD THE EXISTING TWO TANK HIGH RATE SAND FILTRATION SYSTEM	35	WATER FEATURE PUMP	1
34	PIPING, VALVES AND FITTINGS	AS SHOWN	LOT	DEMO, REMOVE AND DISCARD PARTIAL 6" PVC POOL PIPING AS SHOWN IN PLANS. DEMOLITION WILL BEGIN AFTER THE EXISTING BUTTERFLY VALVE (TO REMAIN) AND SHALL END AT THE VERTICAL SUPPLY PIPING JUST BELOW THE 90 DEGREE ELL APPROXIMATELY 2' ABOVE THE FINISHED FLOOR. BACKWASH PIPING SHALL BE INCLUDED IN THE DEMOLITION AND REMOVAL SCOPE.	36	BACKWASH PIT GRATING	1

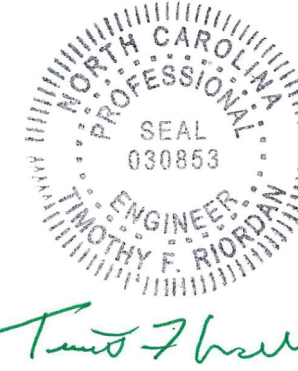
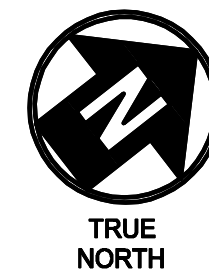
- DEMOLITION NOTES:
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1 SWIMMING POOL EQUIPMENT ROOM DEMOLITION PLAN (BASE BID)

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



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

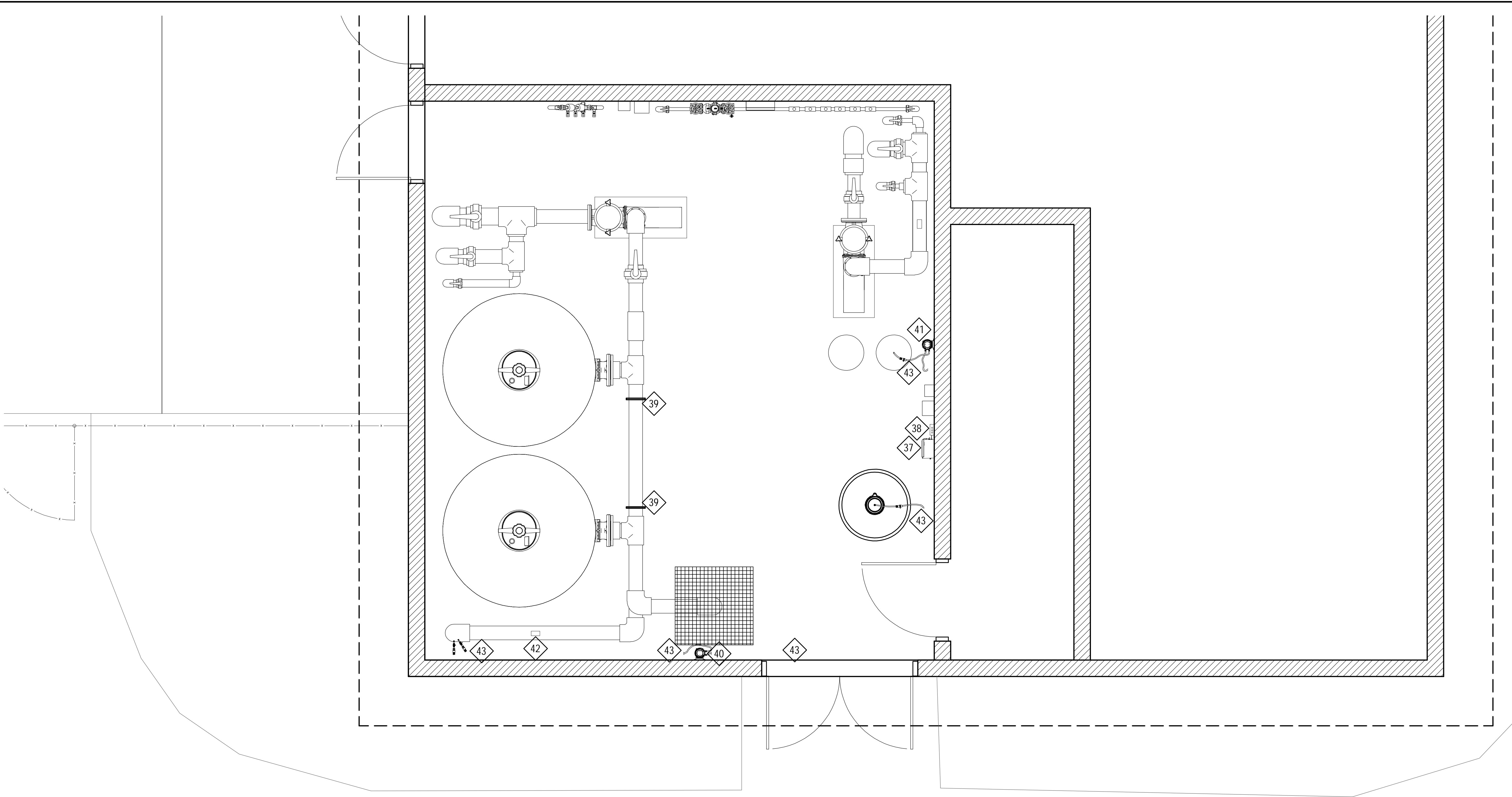
No.	Submitted / Revision	App'd. By	Date
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SWIMMING POOL
EQUIPMENT ROOM
DEMOLITION PLAN
(BASE BID)

Designed By: MDC	Drawn By: MDC	Checked By: JPH
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:
SP-301

File: V:\PROJECTS\ANY\K5\063994.000\09_DESIGN\DRAWINGS\01_SHEETS\SP-302 SWIMMING POOL EQUIPMENT ROOM DEMOLITION PLAN (ADD ALT 5).DWG
Saved: 2/28/2022 2:47:09 PM Plotted: 3/2/2022 1:41:29 PM Current User: Cathone, Matt LastSavedBy: 3530



SWIMMING POOL EQUIPMENT ROOM DEMOLITION & REMOVAL LEGEND (ADD ALTERNATE #5 ITEMS ONLY)									
ID#	DESCRIPTION	QUANTITY	UNIT	DEMOLITION NOTES	ID#	DESCRIPTION	QUANTITY	UNIT	DEMOLITION NOTES
37	CHEMICAL CONTROLLER	1	EA	DEMO, REMOVE AND DISCARD THE EXISTING POOL'S CHEMICAL CONTROLLER	41	MURIATIC ACID CHEMICAL METERING PUMP	1	EA	DEMO, REMOVE AND DISCARD THE EXISTING POOL'S MURIATIC ACID CHEMICAL METERING PUMP. TO BE REPLACED WITH NEW.
38	FLOW CELL	1	EA	DEMO, REMOVE AND DISCARD THE EXISTING POOL'S FLOW CELL ASSEMBLY. REMOVE EXISTING FLOW CELL PVC PIPING NECESSARY TO INSTALL NEW FLOW CELL SYSTEM.	42	FLOW METER (ON FILTER RECIRCULATION SUPPLY)	1	EA	DEMO, REMOVE AND DISCARD THE EXISTING POOL'S ACRYLIC FLOW METER. TO BE REPLACED WITH NEW.
39	PIPE SUPPORTS	2	EA	DEMO, REMOVE AND DISCARD THE EXISTING PIPE SUPPORTS. TO BE REPLACED WITH NEW.	43	CHEMICAL TUBING	1	LOT	DEMO, REMOVE AND DISCARD THE EXISTING POOL'S CHEMICAL POLY TUBING (PARTIAL SHOWN IN PLAN). TUBING IS TO BE REPLACED WITH NEW LIKE FOR LIKE AND SHALL BE INSTALLED IN PVC CONDUIT.
40	SODIUM HYPOCHLORITE CHEMICAL METERING PUMP	1	EA	DEMO, REMOVE AND DISCARD THE EXISTING POOL'S SODIUM HYPO CHEMICAL METERING PUMP AND MOUNTING SHELF. TO BE REPLACED WITH NEW.					

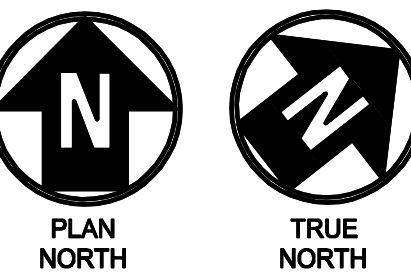
1 SWIMMING POOL EQUIPMENT ROOM DEMOLITION PLAN (ADD ALTERNATE 5)

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

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IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



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DENTON STREET POOL
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CITY OF ROCKY
MOUNT, NC

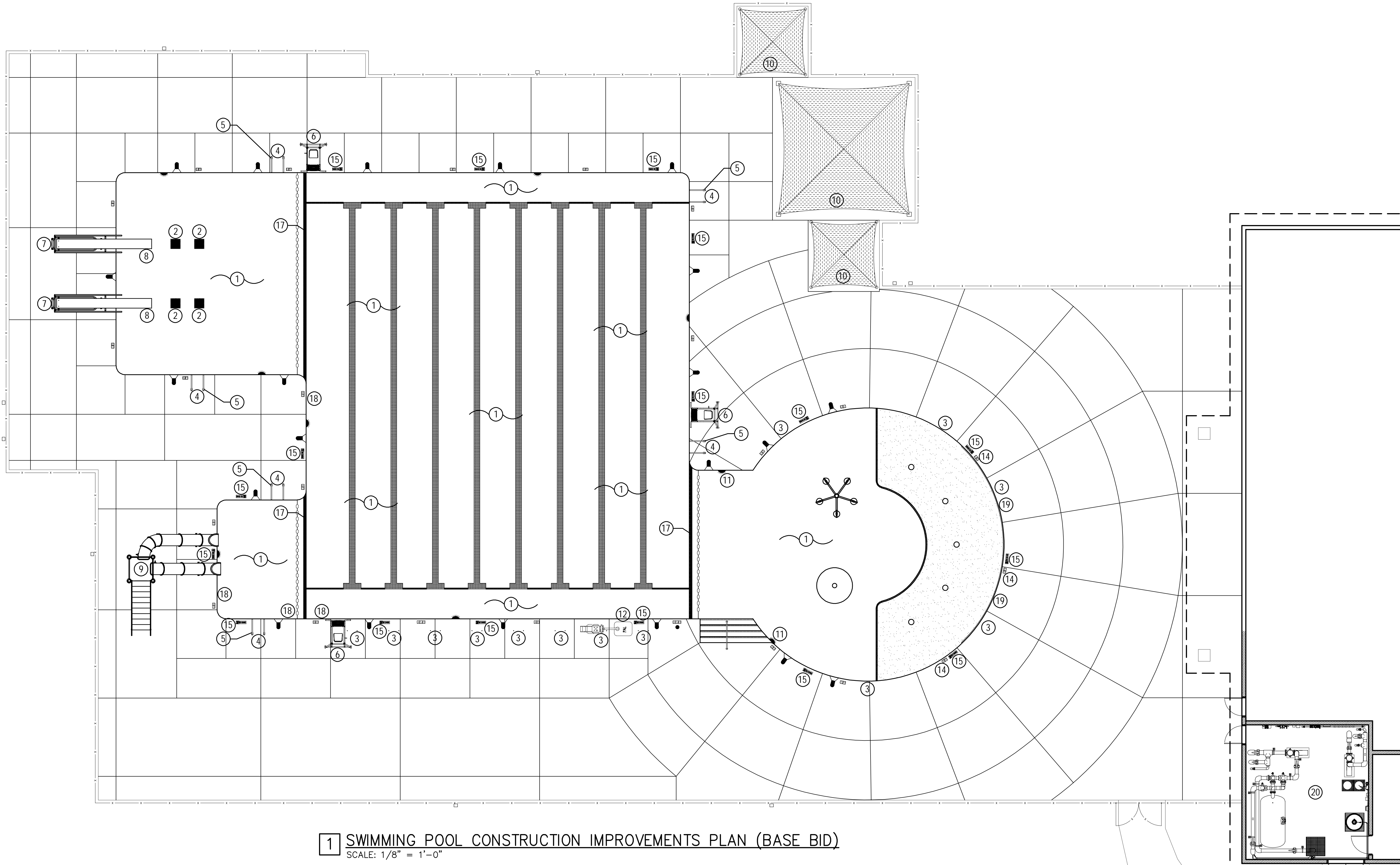
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SWIMMING POOL
EQUIPMENT ROOM
DEMOLITION PLAN
(ADD ALTERNATE 5)

Designed By: MDC	Drawn By: MDC	Checked By: JPH
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:
SP-302

File: V:\PROJECTS\ANY\K5\063994\009\09_02\DESIGN\DRAWINGS\01_SHEETS\SP-401 SWIMMING POOL CONSTRUCTION PLAN (BASE BID).DWG
Saved: 3/2/2022 1:43:54 PM Plotted: 3/2/2022 1:44:11 PM Current User: Cathlene_Matt_LastSavedBy: 3530



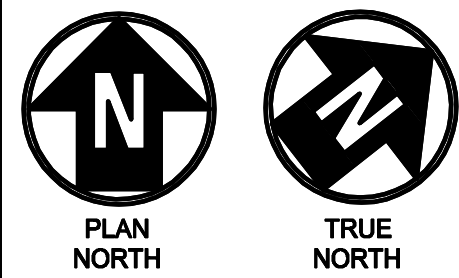
1 SWIMMING POOL CONSTRUCTION IMPROVEMENTS PLAN (BASE BID)
SCALE: 1/8" = 1'-0"

SWIMMING POOL CONSTRUCTION IMPROVEMENTS LEGEND (BASE BID ITEMS ONLY)

ID#	DESCRIPTION	QUANTITY	UNIT	IMPROVEMENT NOTES	DETAIL REF.	ID#	DESCRIPTION	QUANTITY	UNIT	IMPROVEMENT NOTES	DETAIL REF.	ID#	DESCRIPTION	QUANTITY	UNIT	IMPROVEMENT NOTES	DETAIL REF.
1	POOL PLASTER/MARCIITE FINISH	10,000	SQ FT	PROVIDE & INSTALL A NEW WHITE MARCIITE/PLASTER FINISH AGAINST THE EXISTING POOL CONCRETE SHELL. COVERAGE SHALL BE SIMILAR TO EXISTING. FINISH SHALL BE 1/2" THICK.	SEE SPECS	10	SHADE STRUCTURE REPAIRS (PARTIAL REPAIRS ONLY)	3	EA	COMPLETE PARTIAL REPAIRS TO THE EXISTING SHADE STRUCTURES SHALL CONSIST OF PROVIDING AND INSTALLING NEW SHADE STRUCTURE FABRIC (LIKE FOR LIKE REPLACEMENTS) AND PAINTING THE EXISTING METAL STRUCTURES	SEE SPECS	17	SWIMMING POOL EXPANSION JOINT REPLACEMENT	3	EA	PROVIDE AND INSTALL NEW POOL EXPANSION JOINTS (APPROXIMATELY 120 LINEAR FT OF JOINT MATERIAL TOTAL) AT THE 3 LOCATIONS IN THE POOL. JOINT TO BE INSTALLED IN WALLS AND FLOOR & SHALL BE CONTINUOUS.	SEE SPECS
2	MAIN DRAIN GRATE REPLACEMENT	4	EA	REPLACE EXISTING MAIN DRAIN COVERS LIKE FOR LIKE WITH NEW.	SP801/#1	11	UNDERWATER LIGHTS	2	EA	REMOVAL OF NEC NON-COMPLIANT LIGHTS IN SHALLOW AREA OF POOL. REMOVE EXISTING LIGHTS AND FILL VOID WITH PATCHING CONCRETE MIXTURE AND APPLY 2 COATS OF WATERPROOFING OVER PATCHED AREA.	SP805/#1	18	WATERLINE TILE (PARTIAL REPLACEMENT)	60	LN FT	PROVIDE AND INSTALL REPLACEMENT 6" SQUARE CERAMIC WATERLINE TILE AT DAMAGED AREAS WITHIN POOL (LIKE FOR LIKE REPLACEMENT WITH SAME COLOR AND TILE SIZE)	SP803/#4
3	POOL CONCRETE DECK (REPAIRS)	PER DETAILS	CU IN	PROVIDE & INSTALL VARIOUS CONCRETE REPAIRS (CRACKS AND SPALLS) TO THE EXISTING CONCRETE DECK. CONTRACTOR SHALL PROVIDE PATCH REPAIRS AS SHOWN IN DETAIL.	SP811/#3,4	12	ADA ACCESSIBILITY	1	EA	SUPPLY AND INSTALL ADA COMPLIANT POOL LIFT.	SP804/#3	19	BEACH ENTRY TILE (REPLACEMENT AT TOP OF RAMP)	45	LN FT	PROVIDE AND INSTALL REPLACEMENT 2" SQUARE CERAMIC TILE AT THE TOP OF THE BEACH ENTRY RAMP ADJACENT TO THE POOL DECK (LIKE FOR LIKE REPLACEMENT WITH WHITE NON-SKID TILE)	SP803/#1
4	GRAB RAILS	6	PR	REPLACE EXISTING GRAB RAILS WITH NEW STAINLESS STEEL GRAB RAILS.	SP801/#2	13	POOL SIGNAGE	PER DETAIL	LOT	SUPPLY AND INSTALL VARIOUS POOL SIGNAGE (NOT SHOWN IN PLAN). COORDINATE LOCATIONS WITH OWNER.	SP804/#4	20	POOL EQUIPMENT ROOM	N/A	N/A	SEE PLAN SHEET SP-501 FOR POOL EQUIPMENT ROOM CONSTRUCTION BASE BID SCOPE ITEMS	N/A
5	BRONZE WEDGE ANCHORS & ESCUTCHEON COVERS	24	EA	PROVIDE AND INSTALL NEW 4" DEEP BRONZE WEDGE ANCHOR SOCKETS FOR NEW GRAB RAILS. PROVIDE AND INSTALL ESCUTCHEON COVERS AS SPECIFIED.	SP801/#3	14	REPLACEMENT OF ALL PAINTED DEPTH MARKERS WITH TILE	3	EA	SUPPLY AND INSTALL THE THREE 0 FT PAINTED DEPTH MARKERS WITH TILE DEPTH MARKERS. RECESS CONCRETE SUCH THAT THE NEW TILE MARKERS ARE FLUSH WITH THE ADJACENT POOL DECK.	SP805/#3	PROPOSED CONSTRUCTION NOTES: 1. CONDITIONS SHOWN IN PLAN ARE REFLECTIVE AT THE TIME OF SITE VISIT. 2. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS DURING BID PERIOD AND SUBMIT ANY QUESTIONS OR COMMENTS RELATING TO EXISTING CONDITIONS SHOWN IN PLAN ABOVE.					
6	LIFEGUARD CHAIRS (PARTIAL PARTS REPLACEMENTS)	3	EA	PROVIDE AND INSTALL NEW LIFEGUARD CHAIR SEATS, SEAT SUPPORT ASSEMBLIES, FOOTBOARDS, STEPS AND WHEELS ONLY.	SP802/#1	15	REPLACEMENT OF ALL PAINTED NO DIVING MARKERS WITH TILE	17	EA	SUPPLY AND INSTALL NEW "NO DIVING" MARKERS WITH TILE MARKERS. RECESS CONCRETE SUCH THAT THE NEW TILE MARKERS ARE FLUSH WITH THE ADJACENT POOL DECK.	SP805/#4						
7	DIVING TOWERS	2	EA	FULL REPLACEMENT OF 1 METER TOWERS.	SP803/#3	16	REPLACEMENT OF DAMAGED DEPTH TILE MARKERS WITH NEW	6	EA	SUPPLY AND INSTALL NEW CERAMIC TILE DEPTH MARKERS FOR ALL DAMAGED DEPTH TILE MARKERS. CONTRACTOR SHALL REUSE EXISTING RECESSED RECESS CONCRETE SUCH THAT THE NEW TILE MARKERS ARE FLUSH WITH THE ADJACENT POOL DECK. LOCATIONS AND DEPTHS VARY AND SHOULD BE VERIFIED IN FIELD.	SP805/#3						
8	DIVING BOARDS	2	EA	REPLACEMENT OF 16' DIVING BOARDS.	SP804/#2												
9	WATER SLIDE	1	EA	REPLACE EXISTING SLIDE WITH NEW DUAL FLUME SLIDE ASSEMBLY.	SP806/#1												



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IMPROVEMENTS
CITY OF ROCKY MOUNT,
NC

No.	Submitted / Revision	App'd. By	Date
0	BID/PERMIT SET	TR	MC
			3/4/22

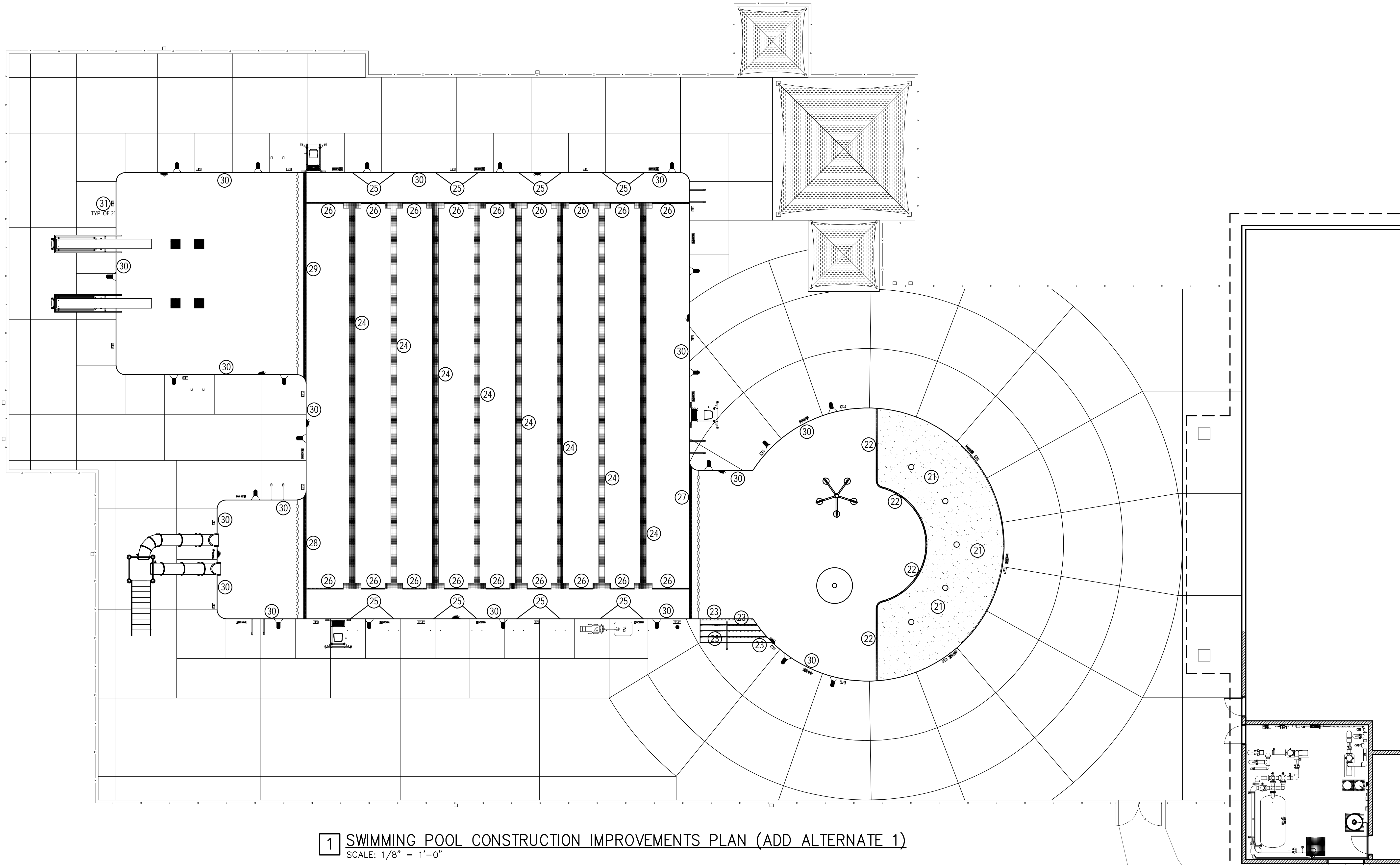
SWIMMING POOL
CONSTRUCTION
IMPROVEMENTS PLAN
(BASE BID)

Designed By: MDC	Drawn By: MDC	Checked By: JPH
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:

SP-401

File: V:\PROJECTS\ANY\K5\063994\000\09_DESIGN\DRAWINGS\01_SHEETS\SP-402 SWIMMING POOL CONSTRUCTION PLAN (ADD ALT 1).DWG
Saved: 3/2/2022 1:46:37 PM Plotted: 3/2/2022 1:47:07 PM Current User: Cathone, Matt LastSavedBy: 3530



1 SWIMMING POOL CONSTRUCTION IMPROVEMENTS PLAN (ADD ALTERNATE 1)
SCALE: 1/8" = 1'-0"

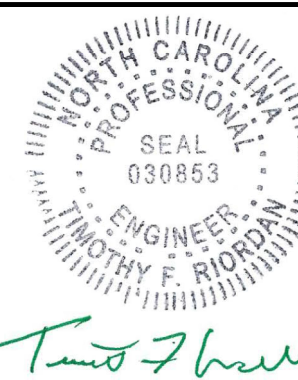
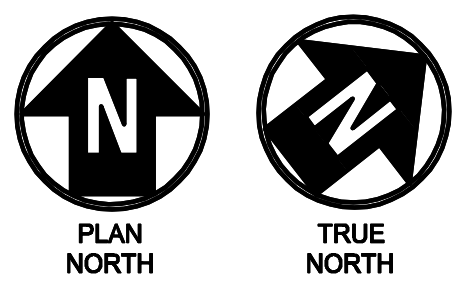
SWIMMING POOL CONSTRUCTION IMPROVEMENTS LEGEND (ADD ALTERNATE 1 ITEMS ONLY)									
ID#	DESCRIPTION	QUANTITY	UNIT	IMPROVEMENT NOTES	DETAIL REF.	ID#	DESCRIPTION	QUANTITY	UNIT
21	POOL BEACH ENTRY FINISH	650	SQ FT	PROVIDE AND INSTALL A NEW PEBBLE FINISH ON THE POOL'S BEACH ENTRY FLOOR. INSTALL PEBBLE FINISH ON EXPOSED CONCRETE POOL FLOOR (REPLACE EXISTING PEBBLE FINISH LIKE FOR LIKE REPLACEMENT)	SEE SPECS	26	POOL FINISH BORDERLINE TILE @ RACING LANES	90	LN FT
22	POOL BEACH ENTRY LIMIT TILE	55	LN FT	PROVIDE AND INSTALL NEW CERAMIC WHITE TILE (SINGLE ROW OF 2" SQUARE TILE BETWEEN THE PEBBLE FINISH AND THE MARCITE FINISH IN THE SHALLOW AREA OF THE POOL). TILE SHALL BE REPLACED LIKE FOR LIKE.	SEE SPECS	27	POOL EXPANSION JOINT #1 TILE	80	LN FT
23	POOL STEP FRONT NOSING TILE	44	LN FT	PROVIDE AND INSTALL A SINGLE ROW OF 2" BLACK CERAMIC TILE AT THE POOL STEP FRONT NOSINGS (TO BE REPLACED LIKE FOR LIKE)	SP803/#2	28	POOL EXPANSION JOINT #2 TILE	70	LN FT
24	POOL RACING LANE TILE	8	LANES	PROVIDE AND INSTALL NEW 2" SQUARE BLACK RACING LANE FLOOR TILE (TO BE REPLACED LIKE FOR LIKE). LANES ARE 12" WIDE AND EACH LANE CONSISTS OF APPROX. 70 SQUARE FEET OF SURFACE AREA (560 SQ. FT. TOTAL)	SP802/#2	29	POOL EXPANSION JOINT #3 TILE	100	LN FT
25	POOL WALL TARGET TILE	16	TARGETS	PROVIDE AND INSTALL NEW 2" SQUARE BLACK WALL TARGET (WALL) TILE (TO BE REPLACED LIKE FOR LIKE). TARGETS ARE 12" WIDE AND EACH TARGET CONSISTS OF APPROX. 5 SQUARE FEET OF SURFACE AREA (80 SQ. FT. TOTAL)	SP802/#3	30	POOL WATERLINE TILE	400	LN FT
						31	POOL TILE DEPTH MARKERS	21	EACH

IMPROVEMENT NOTES					DETAIL REF.
PROVIDE AND INSTALL A SINGLE ROW OF 2" SQUARE WHITE TILE FOR THE PLASTER BREAK AT THE ENDS OF THE RACING LANES (TO BE REPLACED LIKE FOR LIKE)					SP802/#2
PROVIDE AND INSTALL NEW 2" SQUARE WHITE TILE AT BOTH SIDES OF EXPANSION JOINT #1 (TO REPLACED LIKE FOR LIKE)					SP802/#4
PROVIDE AND INSTALL NEW 2" SQUARE WHITE TILE AT BOTH SIDES OF EXPANSION JOINT #2 (TO REPLACED LIKE FOR LIKE)					SP802/#4
PROVIDE AND INSTALL NEW 2" SQUARE BLACK TILE AT BOTH SIDES OF EXPANSION JOINT #3 (TO REPLACED LIKE FOR LIKE)					SP802/#4
PROVIDE AND INSTALL NEW 6" SQUARE WATERLINE TILE (TO BE REPLACED LIKE FOR LIKE) FOR THE REMAINDER OF THE POOL'S PERIMETER (NOTE: ONLY PARTIAL TILE REPLACEMENT IS LISTED IN THE BASE BID)					SP803/#4
PROVIDE AND INSTALL NEW 6" SQUARE DEPTH MARKER TILE (TO BE REPLACED LIKE FOR LIKE) FOR THE REMAINDER OF THE POOL'S DEPTH MARKERS (NOTE: ONLY PARTIAL REPLACEMENT IS LISTED IN THE BASE BID)					SP805/#3

PROPOSED CONSTRUCTION NOTES:
1. CONDITIONS SHOWN IN PLAN ARE REFLECTIVE AT THE TIME OF SITE VISIT.
2. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS DURING BID PERIOD AND SUBMIT ANY QUESTIONS OR COMMENTS RELATING TO EXISTING CONDITIONS SHOWN IN PLAN ABOVE.



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



NCBLES # F-1165

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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NC

No.	Submitted / Revision	App'd. By	TR	MC	Date
0	BID/PERMIT SET	TR	MC		3/4/22

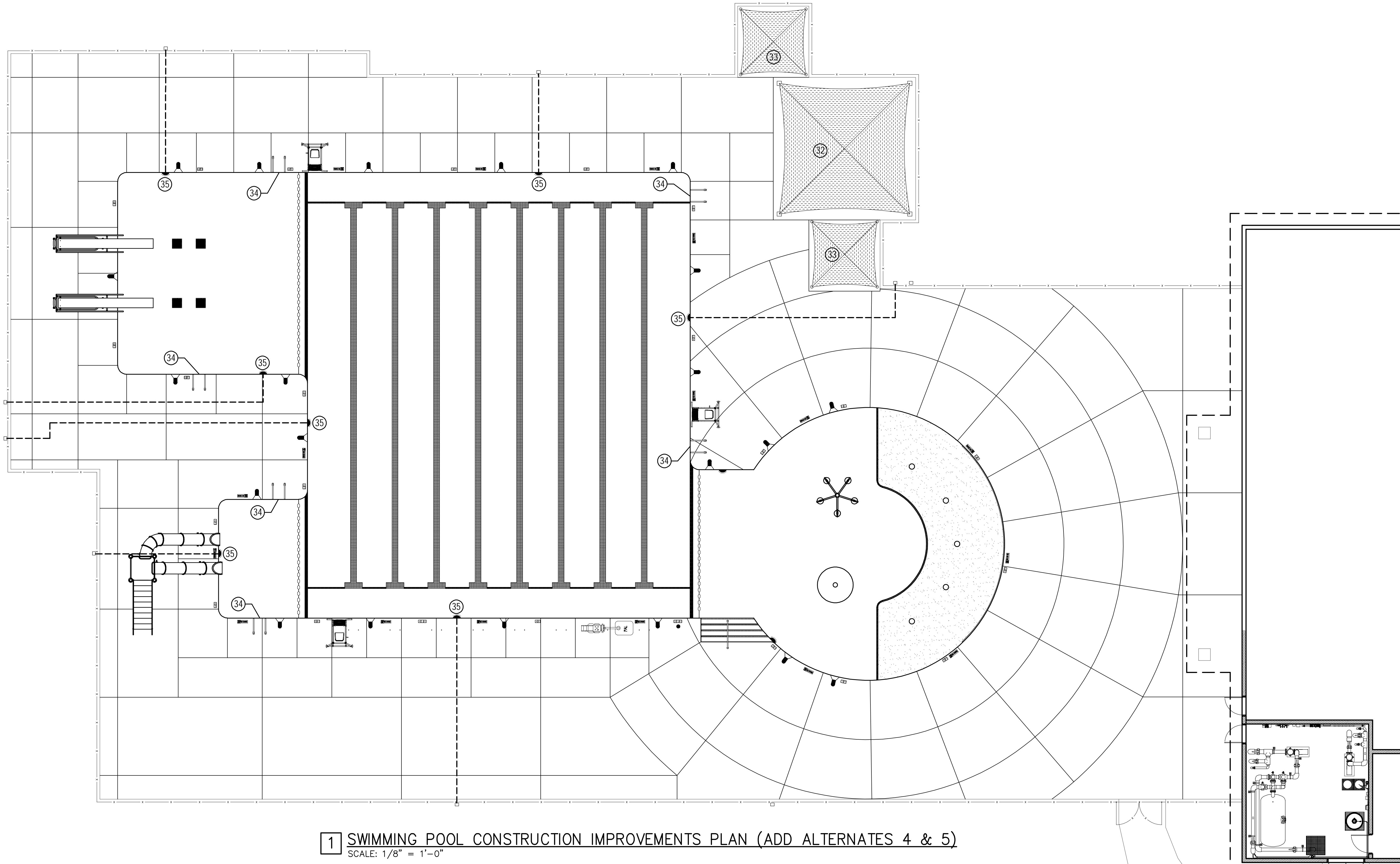
SWIMMING POOL
CONSTRUCTION
IMPROVEMENTS PLAN
(ADD ALT 1)

Designed By: MDC	Drawn By: MDC	Checked By: JPH
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:

SP-402

File: V:\PROJECTS\ANY\K5\063994\000\09_DESIGN\DRAWINGS\01_SHEETS\SP-403 SWIMMING POOL CONSTRUCTION PLAN (ADD ALT 4 & 5).DWG
Saved: 2/7/2022 9:47:52 AM Plotted: 3/2/2022 1:50:07 PM Current User: Cathone, Matt LastSavedBy: 3530




1 SWIMMING POOL CONSTRUCTION IMPROVEMENTS PLAN (ADD ALTERNATES 4 & 5)
SCALE: 1/8" = 1'-0"

SWIMMING POOL CONSTRUCTION IMPROVEMENTS LEGEND (ADD ALTERNATE 4 ITEMS ONLY)					
ID#	DESCRIPTION	QUANTITY	UNIT	IMPROVEMENT NOTES	DETAIL REF.
32	SHADE STRUCTURE (LARGE)	1	EA	PROVIDE AND INSTALL A NEW 24' x 24' SHADE STRUCTURE AS SPECIFIED. SCOPE SHALL INCLUDE THE NEW FRAMES AND SUPPORT COLUMNS, FABRIC AND ANCHORS FOR INSTALLATION. SHADE STRUCTURES SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS.	SP812/#1
33	SHADE STRUCTURES (SMALL)	2	EA	PROVIDE AND INSTALL NEW 12' x 12' SHADE STRUCTURES AS SPECIFIED. SCOPE SHALL INCLUDE THE NEW FRAMES AND SUPPORT COLUMNS, FABRIC AND ANCHORS FOR INSTALLATION. SHADE STRUCTURES SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS.	SP812/#2
34	RECESSED STEPS	18	EA	PROVIDE AND INSTALL NEW RECESSED STEPS LOCATED IN THE POOL WALL AT EACH OF THE (6) GRAB RAILS LOCATIONS (THREE STEPS PER LOCATION ARE TO BE INSTALLED). CONTRACTOR SHALL PREPARE THE POOL WALL FOR THE NEW RECESSED STEP INSTALLATION. CONSULT WITH MANUFACTURER FOR INSTALLATIONS INSTRUCTIONS & REQUIREMENTS	SP805/#2


SWIMMING POOL CONSTRUCTION IMPROVEMENTS LEGEND (ADD ALTERNATE 5 ITEMS ONLY)					
ID#	DESCRIPTION	QUANTITY	UNIT	IMPROVEMENT NOTES	DETAIL REF.
35	UNDERWATER LIGHTS	7	EA	PROVIDE AND INSTALL NEW SWIMQUIP 500 WATT UNDERWATER LIGHTS AND CORDS (TO J-BOXES). UNDERWATER LIGHTS AND CORDS SHALL BE REPLACED LIKE FOR LIKE WITH NEW PENTAIR SWIMQUIP 500 WATT UNDERWATER LIGHTS. CONTRACTOR SHALL COMPLETE ALL NECESSARY ELECTRICAL AS REQUIRED. CONTRACTOR SHALL TEST UNDERWATER LIGHT OPERATION WITH OWNER AFTER INSTALLATION IS COMPLETED.	SP805/#1
36	POOL EQUIPMENT ROOM	N/A	N/A	SEE PLAN SHEET SP-502 FOR POOL EQUIPMENT ROOM NEW CONSTRUCTION ADD ALTERNATE #5 SCOPE ITEMS	N/A

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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



PLAN
NORTH



TRUE
NORTH



THOMAS F. RICHMOND
PROFESSIONAL
ENGINEER
SEAL
030653
NORTH CAROLINA
NCBLES # F-1165

DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NC

No.	Submitted / Revision	App'd. By	Date
0	BID/PERMIT SET	TR MC	3/4/22

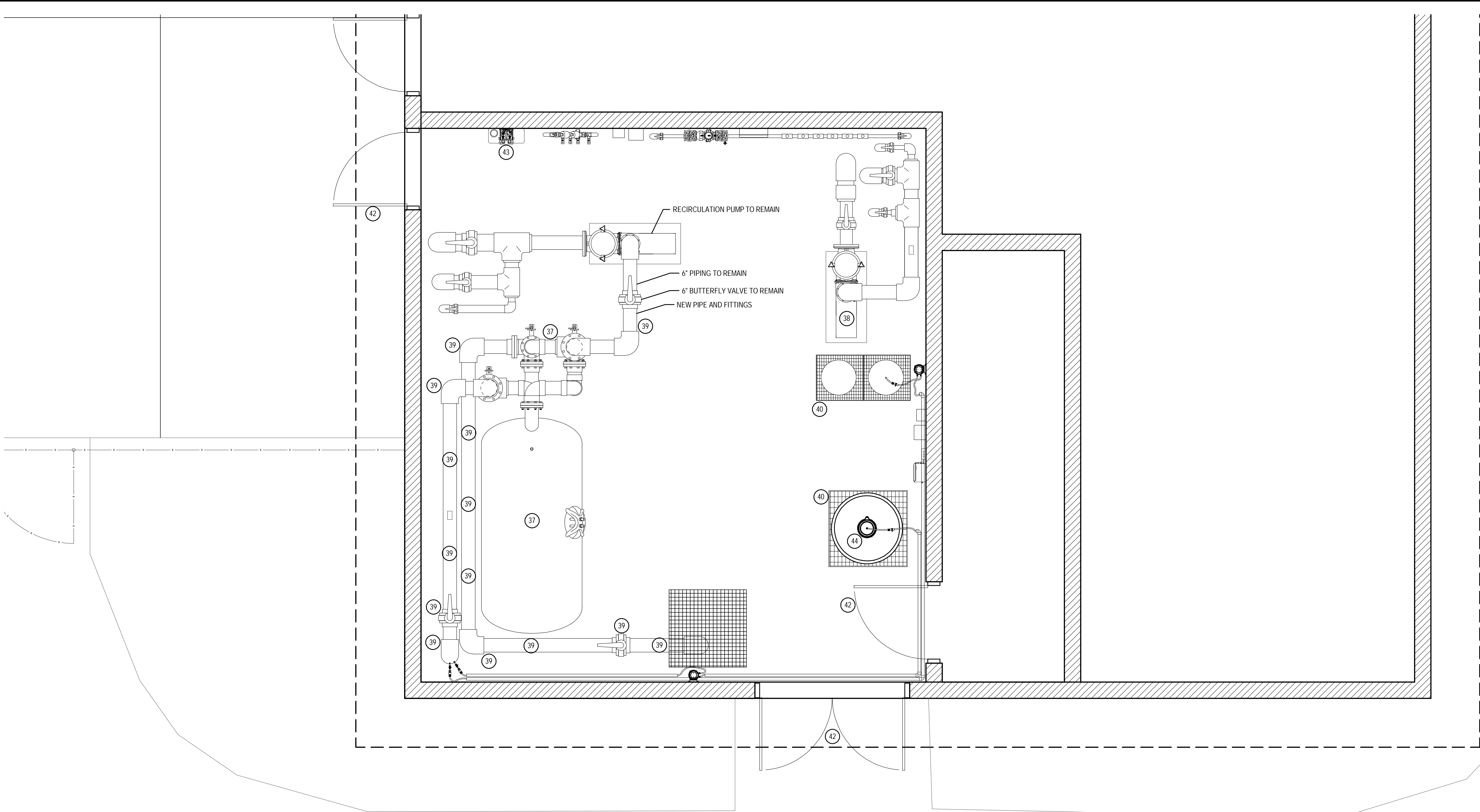
SWIMMING POOL
CONSTRUCTION
IMPROVEMENTS PLAN
(ADD ALT 4 & 5)

Designed By: MDC	Drawn By: MDC	Checked By: JPH
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:

SP-403

File: V:\PROJECTS\ANY\K5\063994\000\09_009_000\DRAWINGS\01_SHEETS\SP-501 SWIMMING POOL EQUIPMENT ROOM CONSTRUCTION PLAN (BASE BID).DWG
Saved: 2/3/2022 11:00:54 AM Plotted: 3/2/2022 1:53:03 PM Current User: Cuthbert, Matt LastSavedBy: 3530



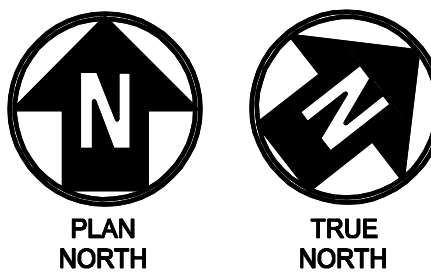
1 SWIMMING POOL EQUIPMENT ROOM CONSTRUCTION PLAN (BASE BID)
SCALE: 1/2" = 1'-0"

SWIMMING POOL EQUIPMENT ROOM IMPROVEMENTS LEGEND (BASE BID ITEMS ONLY)									
ID#	DESCRIPTION	QUANTITY	UNIT	IMPROVEMENT NOTES	DETAIL REF.	ID#	DESCRIPTION	QUANTITY	UNIT
37	FILTER SYSTEM REPLACEMENT	1	SYSTEM	PROVIDE & INSTALL A NEW TWO TANKED STACKED FIBERGLASS HIGH RATE SAND FILTRATION SYSTEM WITH SINGLE LEVEL LINKAGE AND ALL NECESSARY INTERNAL LATERALS AND DIVERTERS. FILTRATION AREA SHALL MEET OR EXCEED 62 SQUARE FEET. SYSTEM SHALL BE INSTALLED PER MANUFACTURER'S INSTALLATION REQUIREMENTS. MEDIA SHALL BE PROVIDED IN SCOPE.	SP807/#1-3	40	CHEMICAL SPILL CONTAINMENT ADDITIONS	2	EA
38	FEATURE PUMP REPLACEMENT	1	EA	PROVIDE & INSTALL A NEW 15 HP WATER FEATURE PUMP AS SHOWN IN PLANS. PUMP DISCONNECT / RECONNECT BOTH PIPING AND ELECTRICAL SHALL BE INCLUDED WITHIN SCOPE. PUMP ELECTRICAL SHALL BE INCLUDED IN SCOPE (SEE ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION).	SP807/#4	41	BACKWASH PIT GRATE REPLACEMENT	1	EA
39	PIPING, VALVES & FITTINGS	1	LOT	PROVIDE & INSTALL NEW 6" SCHEDULE 80 PVC PIPE AND FITTINGS TO COMPLETE THE REVISED PIPING INSTALLATION. PROVIDE AND INSTALL (2) NEW 6" PVC LEVER OPERATED BUTTERFLY VALVES AS SHOWN. ALL NEW PIPING AND FITTINGS SHALL BE GLUED CONNECTIONS AND 6" PVC COUPLINGS SHALL BE PROVIDED BETWEEN EXISTING AND NEW PIPING.	SEE SPECS	42	CHEMICAL SAFETY LABELING	6	EA
						43	PORTABLE EYEWASH ADDITION	1	EA
						44	SODIUM HYPOCHLORITE TANK PARTS REPLACEMENT	1	EA

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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



NCBLES # F-1165

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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NC

No.	Submitted / Revision	App'd.	By	Date
0	BID/PERMIT SET	TR	MC	3/4/22

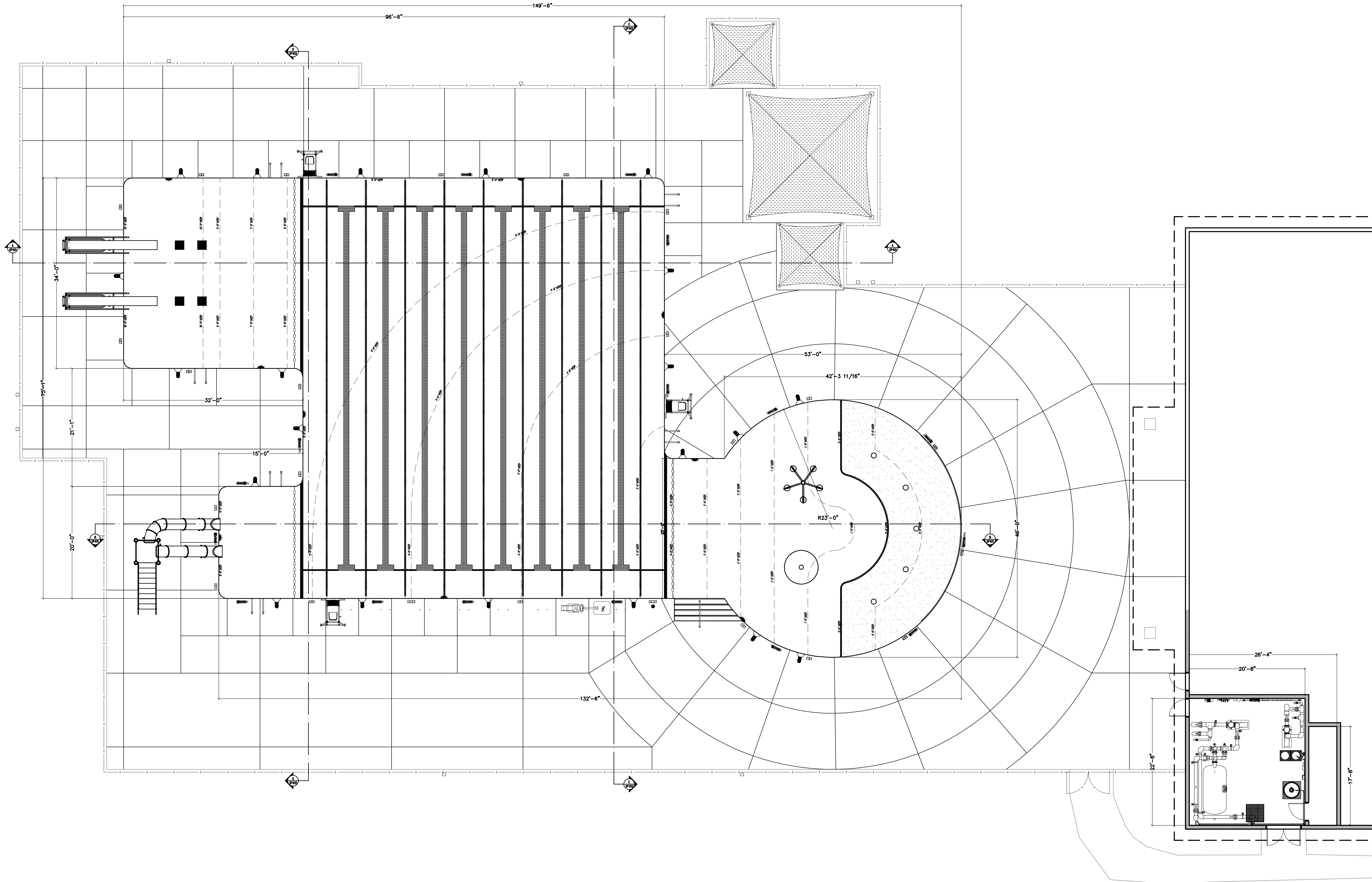
SWIMMING POOL
EQUIPMENT ROOM
CONSTRUCTION
PLAN (BASE BID)

Designed By: MDC	Drawn By: MDC	Checked By: JPH
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:

SP-501

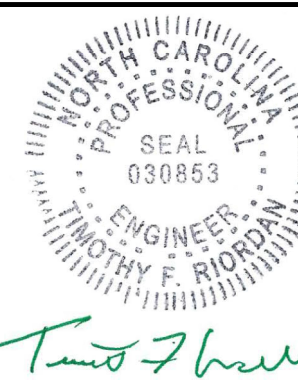
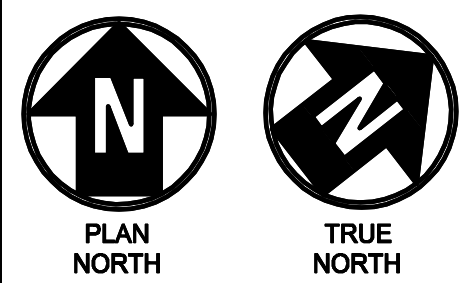
File: V:\PROJECTS\ANY\K5\063994.000\09_DESIGN\DRAWINGS\01_SHEETS\SP-601 SWIMMING POOL LAYOUT & DIMENSION PLAN.DWG
Saved: 2/1/2022 10:27:43 AM Plotted: 3/2/2022 1:57:56 PM Current User: Cathone, Matt LastSavedBy: 3530



1 SWIMMING POOL LAYOUT & DIMENSION PLAN
SCALE: 1/8" = 1'-0"



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



NCBLES # F-1165

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ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE
STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING
ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION.

DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NC

No.	Submitted / Revision	App'd. By	Date
0	BID/PERMIT SET	TR MC	3/4/22

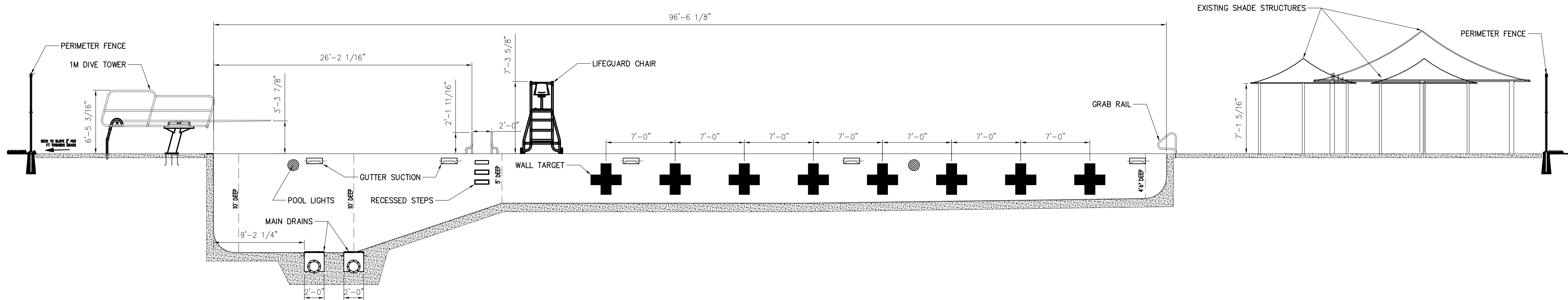
SWIMMING POOL
LAYOUT &
DIMENSION PLAN

Designed By: MDC	Drawn By: MDC	Checked By: JPH
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

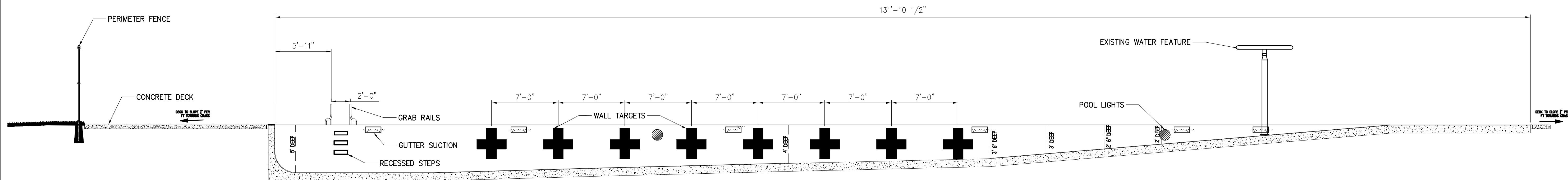
Drawing No.:

SP-601

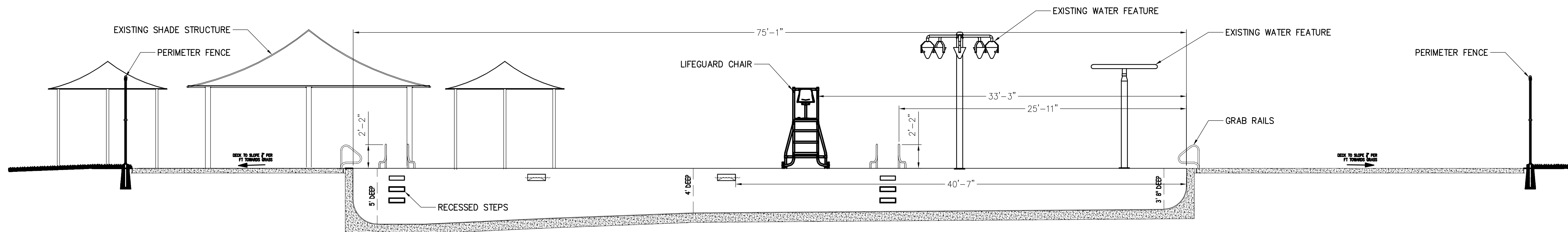
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Saved: 2/4/2022 3:32:26 PM Plotted: 3/2/2022 2:01:18 PM Current User: Cathone, Not Lost SavedBy: 3530



1 SWIMMING POOL CROSS SECTION A-A
SCALE: 3/16" = 1'-0"



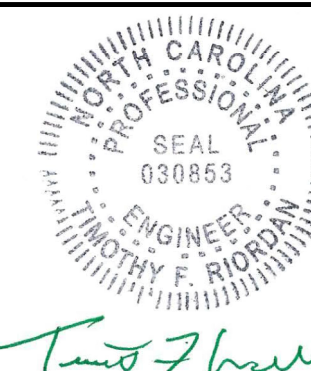
2 SWIMMING POOL CROSS SECTION B-B
SCALE: 3/16" = 1'-0"



3 SWIMMING POOL CROSS SECTION C-C
SCALE: 3/16" = 1'-0"



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



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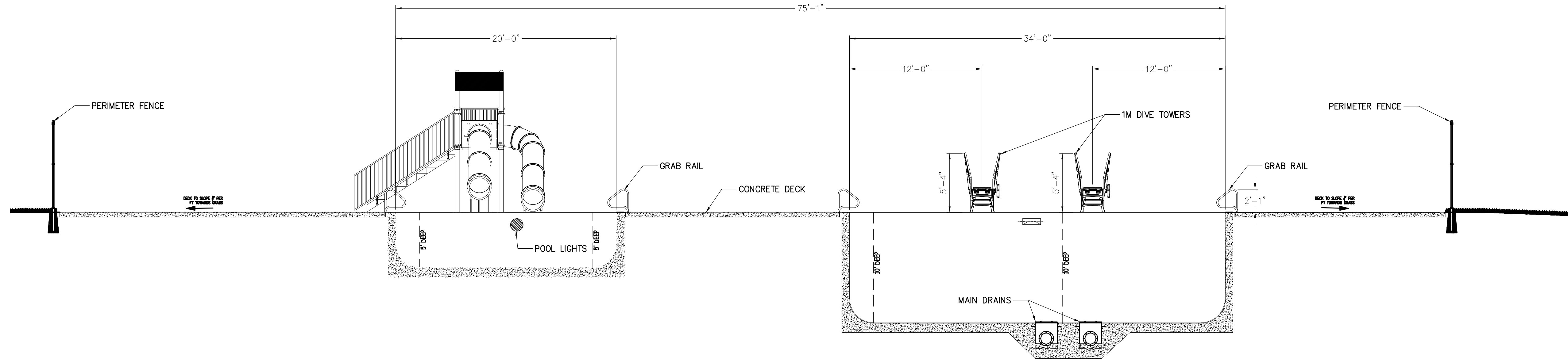
DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submitted / Revision	App'd. By	Date
0	BID/PERMIT SET	TR MC	3/4/22

SWIMMING POOL
OUTDOOR CROSS
SECTIONS

Designed By: MDC	Drawn By: DS	Checked By: JPH
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:
SP-701



4 SWIMMING POOL CROSS SECTION D-D
SCALE: 3/16" = 1'-0"

File: V:\PROJECTS\ANY\K5\063994\000\09_DESIGN\DRAWINGS\01_SHEETS\SP-702_SWIMMING POOL IMPROVEMENTS CROSS SECTIONS.DWG
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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

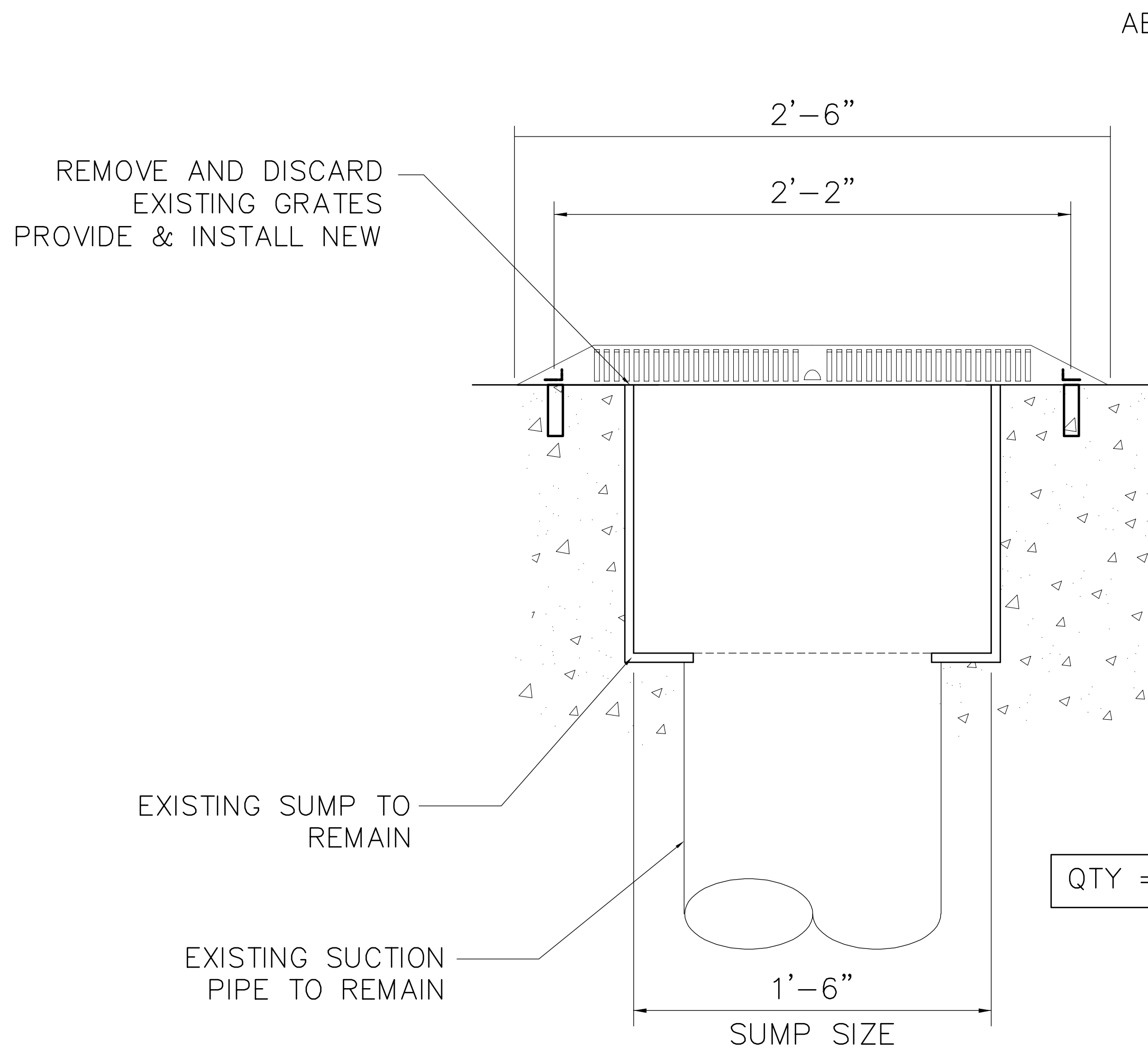
No.	Submitted / Revision	App'd.	By	Date
0	BID/PERMIT SET	TR	MC	3/4/22

SWIMMING POOL
OUTDOOR CROSS
SECTIONS

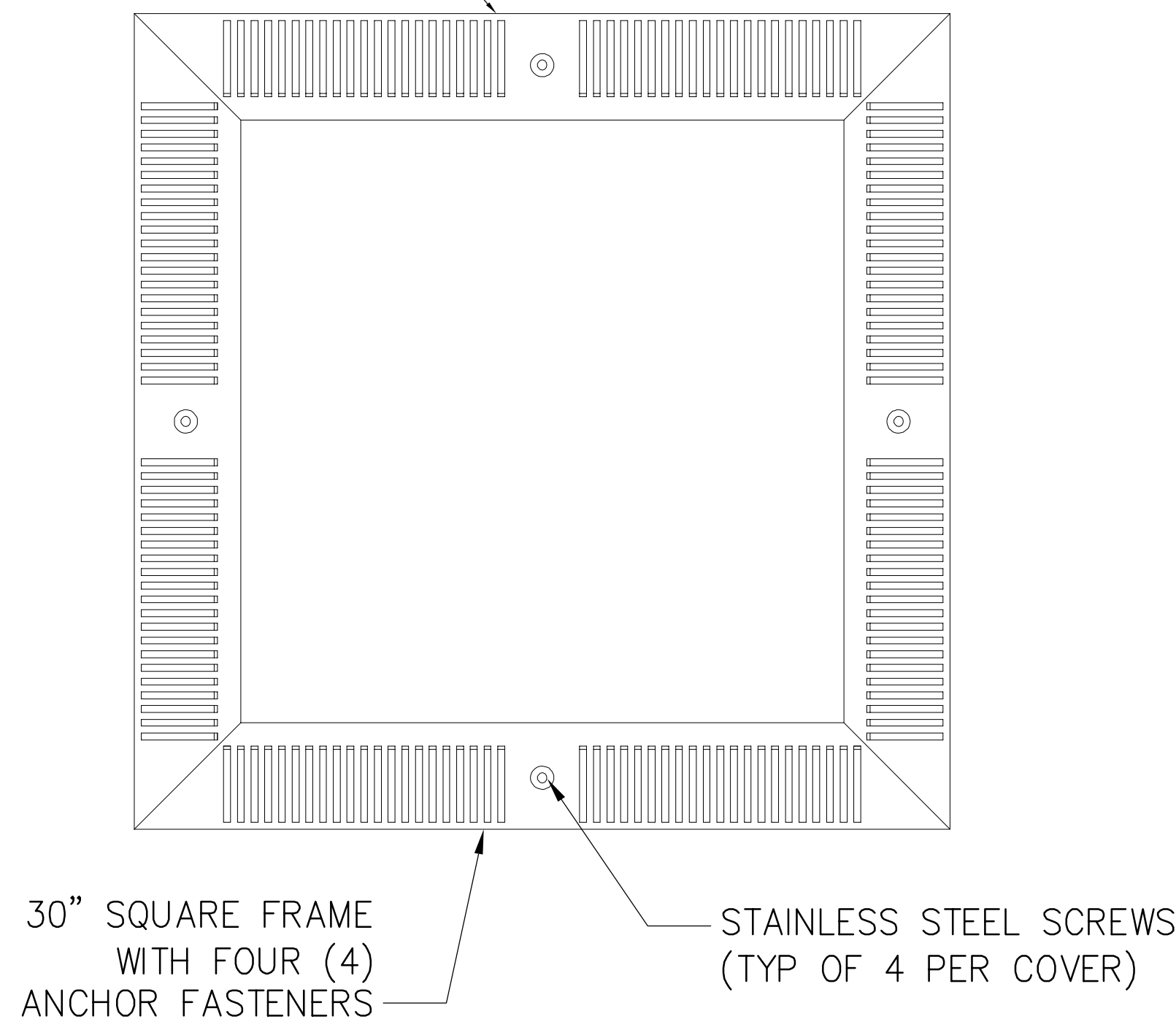
Designed By:	Drawn By:	Checked By:
MDC	DS	JPH
Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:
SP-702

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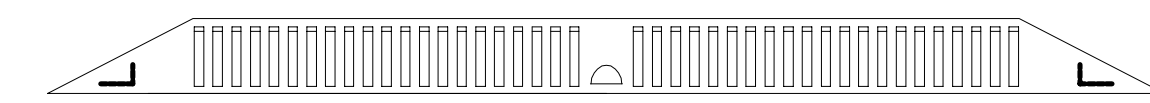


AEGIS ANTI-ENTRAPMENT SHIELD
BY NEPTUNE BENSON OR
APPROVED EQUAL



PLAN VIEW

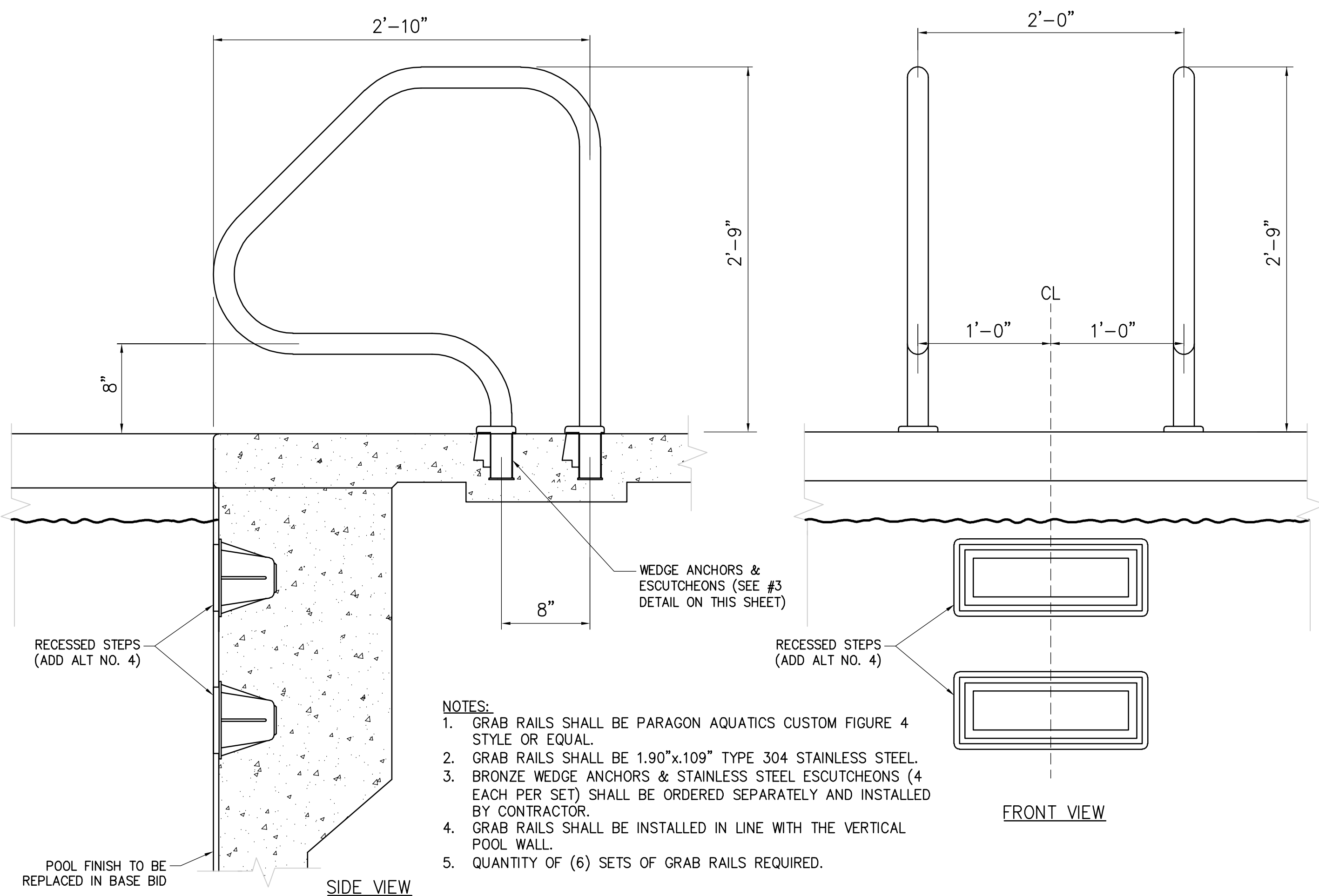
QTY = (4) MAIN DRAINS TO BE
REPLACED WITH NEW COVERS



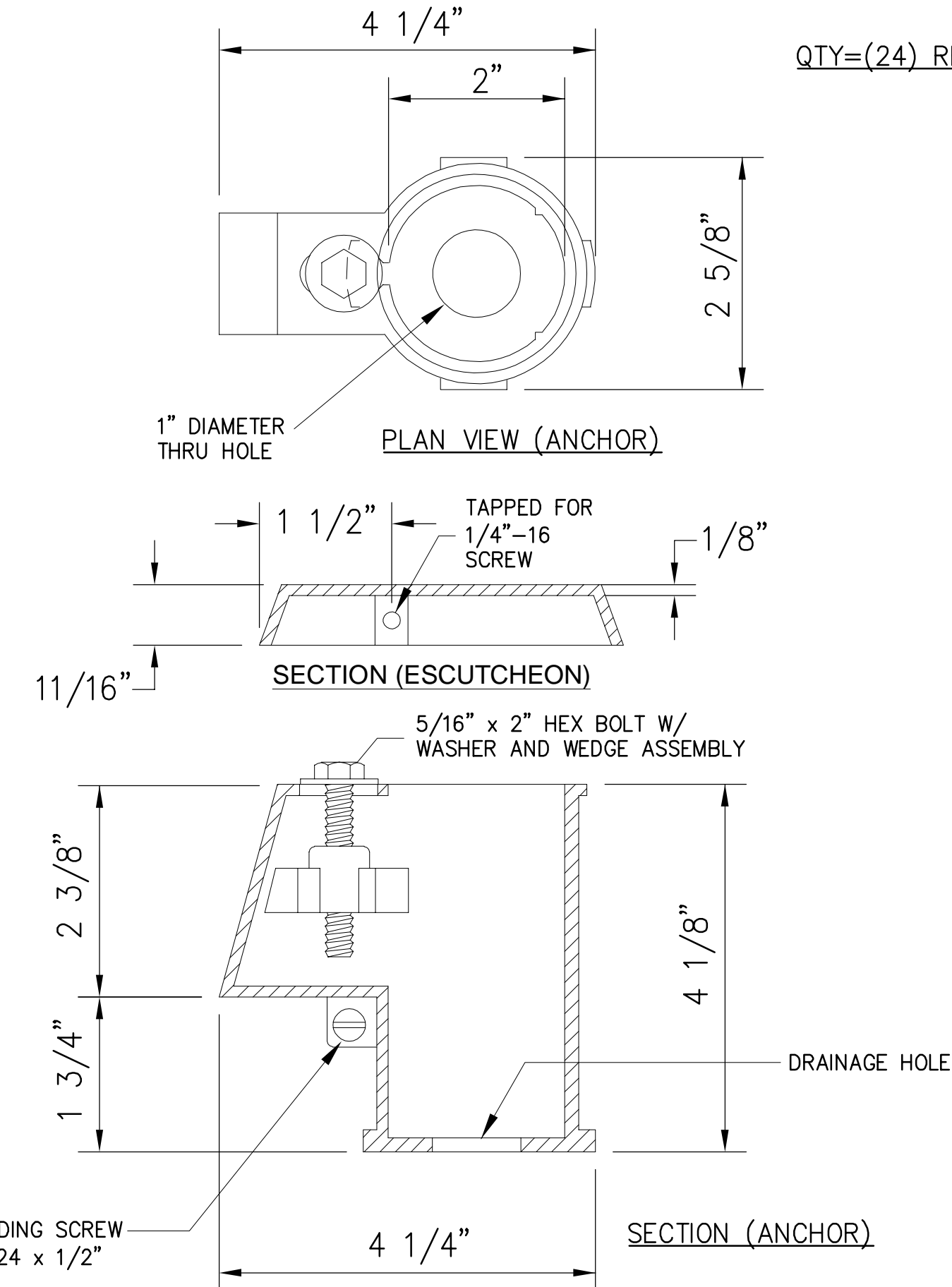
SECTION VIEW

NOTE:
ALL MAIN DRAIN/SUCTION OUTLET SUMPS
SHALL BE CONSTRUCTED TO COMPLY
WITH THE VIRGINIA GRAEME BAKER ACT
AND ANSI/APSP/ICC-16 2017 (PA) AMERICAN
NATIONAL STANDARD FOR SUCTION
OUTLET FITTING ASSEMBLIES (SOFA)

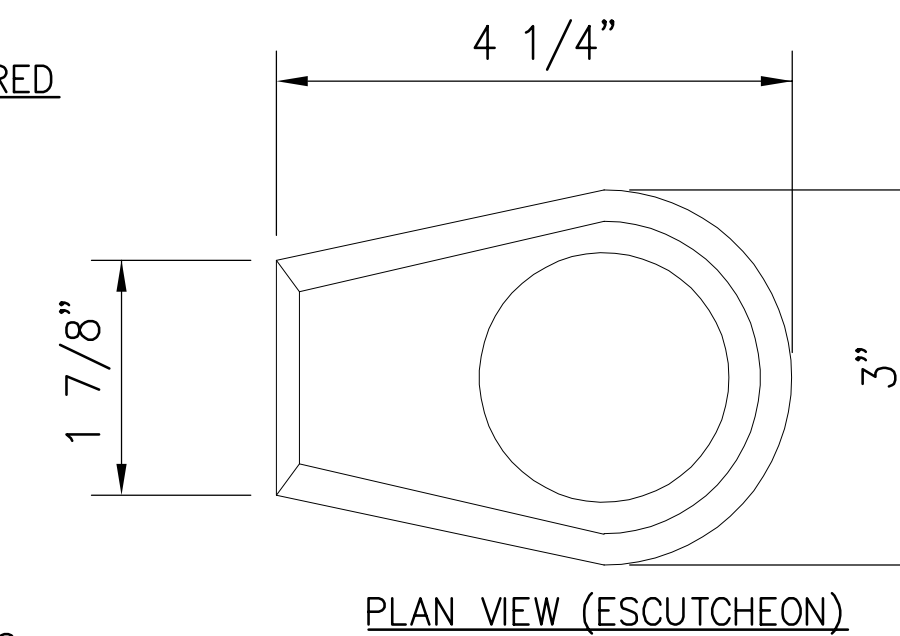
1 MAIN DRAIN GRATE REPLACEMENT DETAIL (BASE BID)
SCALE: N.T.S.



2 STAINLESS STEEL GRAB RAIL DETAIL (BASE BID)
SCALE: N.T.S.

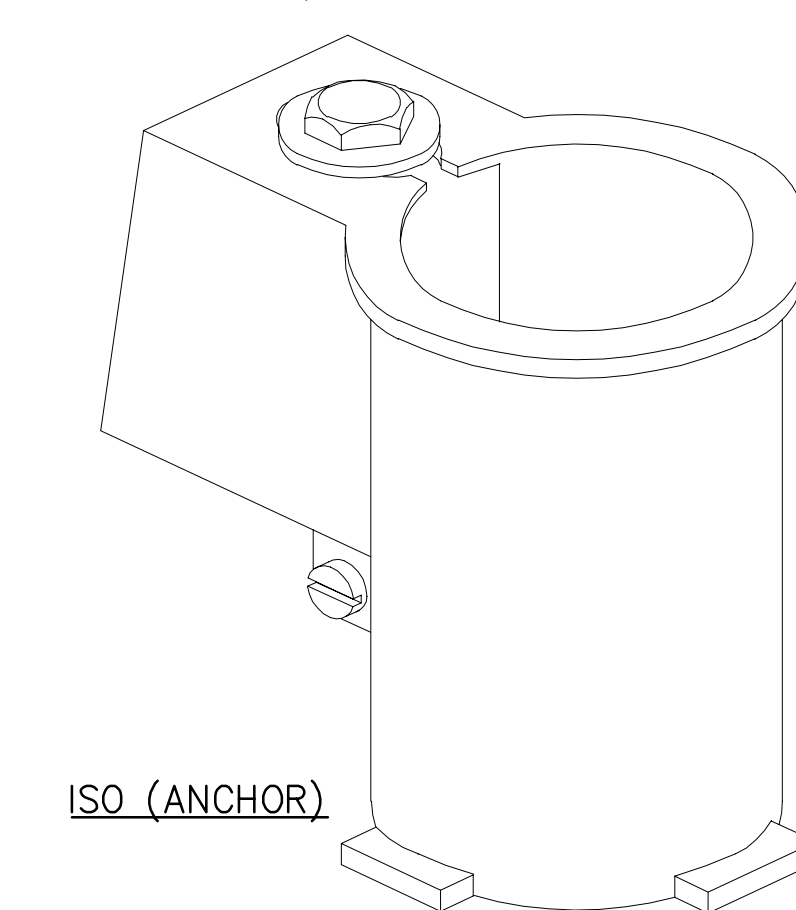


QTY=(24) REQUIRED



PLAN VIEW (ESCUTCHEON)

NOTES:
1. WEDGE ANCHOR TO BE 4" DEEP BRONZE MADE TO ACCEPT 1.90"
OUTSIDE DIAMETER PIPE.
2. ESCUTCHEON SHALL BE INVESTMENT CASTING STAINLESS STEEL- NO
EXCEPTIONS TAKEN.
3. ANCHORS AND ESCUTCHEONS SHALL BE BY PARAGON AQUATICS ID
NOS. 28102 & 28301SS RESPECTIVELY OR APPROVED EQUAL.
4. ANCHOR SOCKET COVER (NOT SHOWN, ID NO. 28104) TO BE
PROVIDED BY CONTRACTOR FOR WHEN ANCHOR IS NOT IN USE.
5. SEE ELECTRICAL BONDING DETAIL ON SHEET SP-805 DETAIL #5 (TO
BE INCLUDED IN BASE BID).

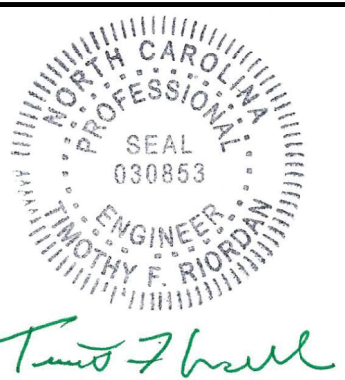


ISO (ANCHOR)

3 4" DEEP WEDGE ANCHOR & ESCUTCHEON DETAIL (BASE BID)
SCALE: N.T.S.



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



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ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND
SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE
NOTATION "ALTERED BY FOLLOWED BY THEIR SIGNATURE, THE
DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION
OF THE ALTERATION."

DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submittal / Revision	App'd. By	Date
0	BID/PERMIT SET	TR MC	3/4/22

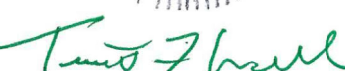
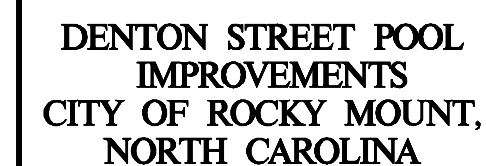
SWIMMING POOL
DETAILS

Designed By:	Drawn By:	Checked By:
MDC	MDC	JPH
Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:

SP-801

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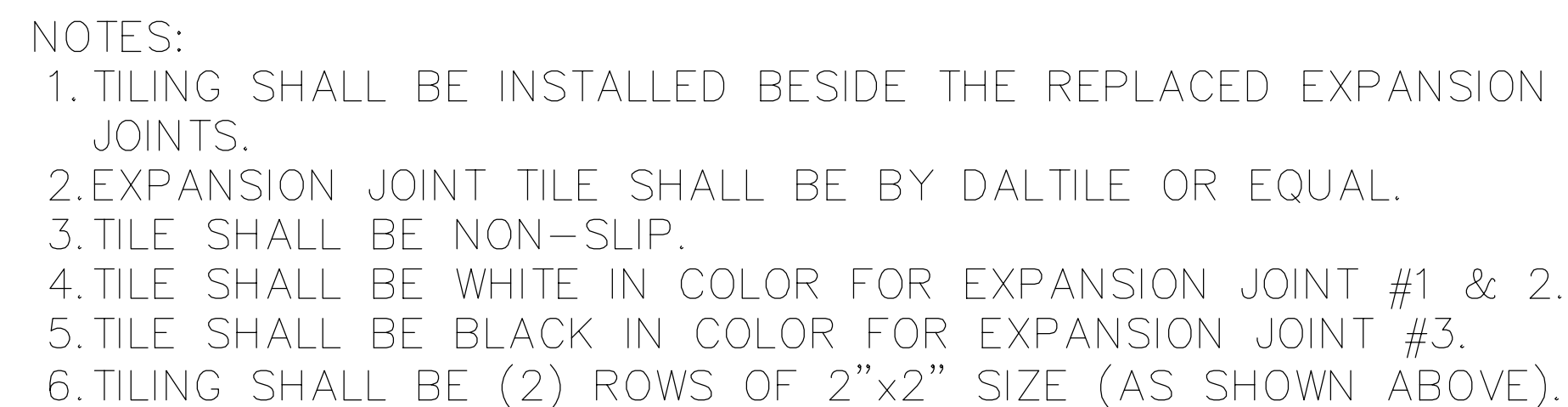
DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

SWIMMING POOL DETAILS

Designed By: MDC	Drawn By: MDC	Checked By: JPH
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

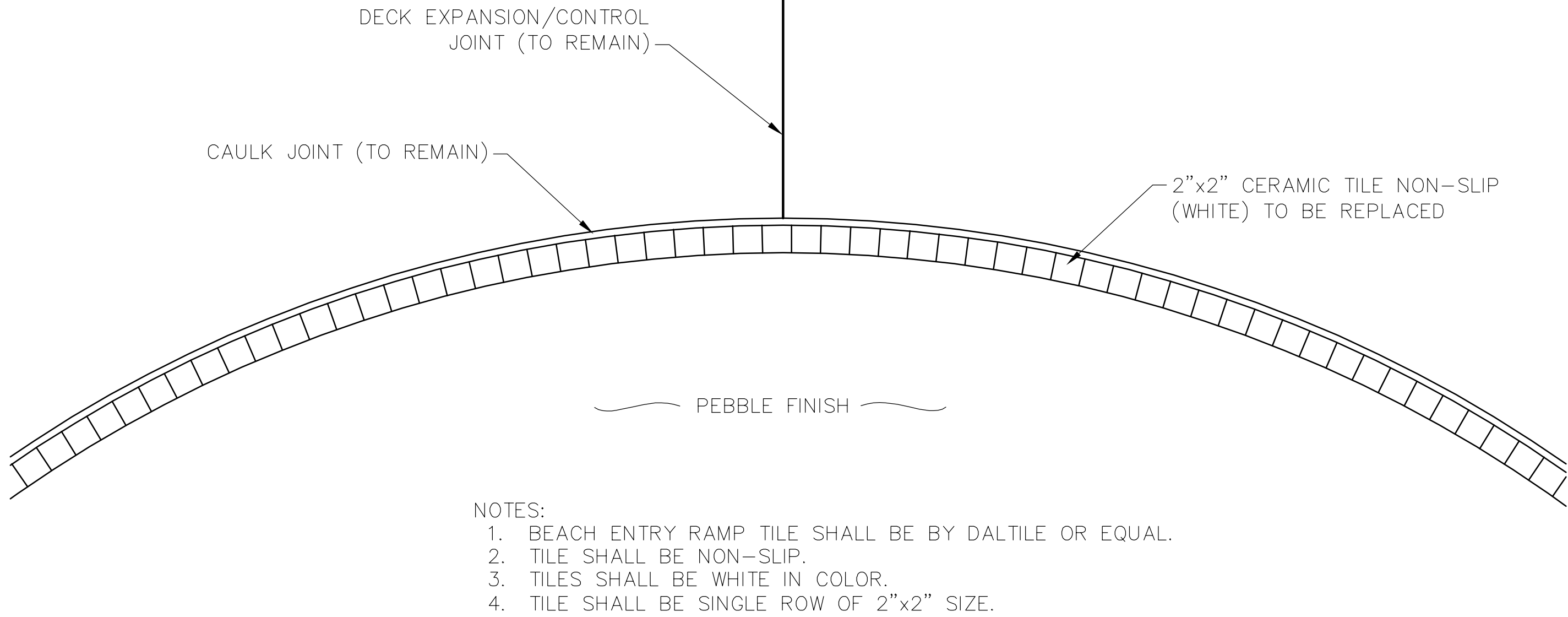
SP-802

QUANTITY = (3) LGC PART REPLACEMENTS REQUIRED



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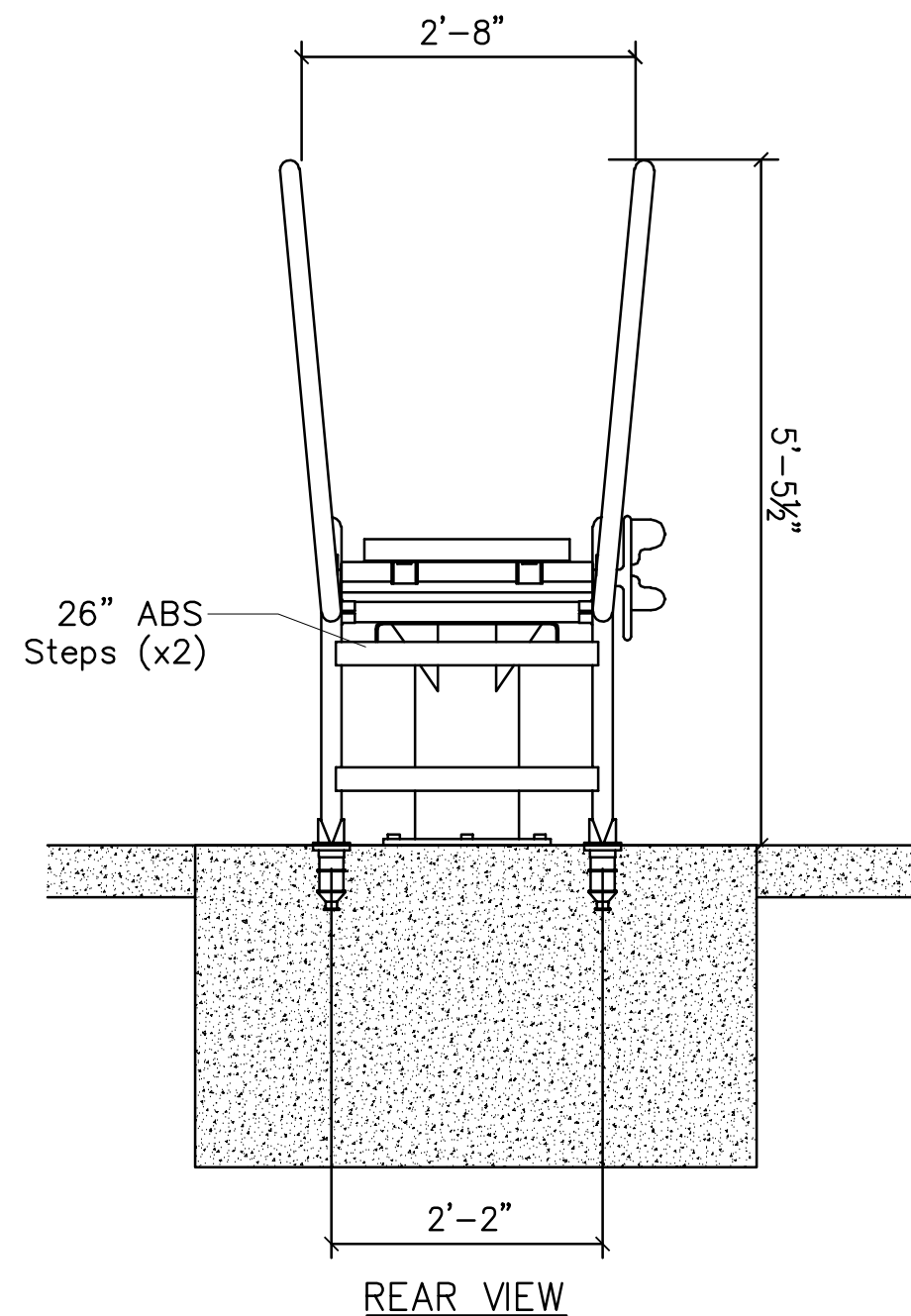
1 BEACH ENTRY CERAMIC TILE REPLACEMENT DETAIL (BASE BID)
SCALE: N.T.S.

- NOTES:
1. STEP NOSING TILES SHALL BE INLAYS INC. SAFETY EDGE TILE OR EQUAL.
 2. TILES SHALL BE BLUE OR BLACK IN COLOR.
 3. TILES ARE 1/4" THICK AND 2-1/4" X 1" X 6".

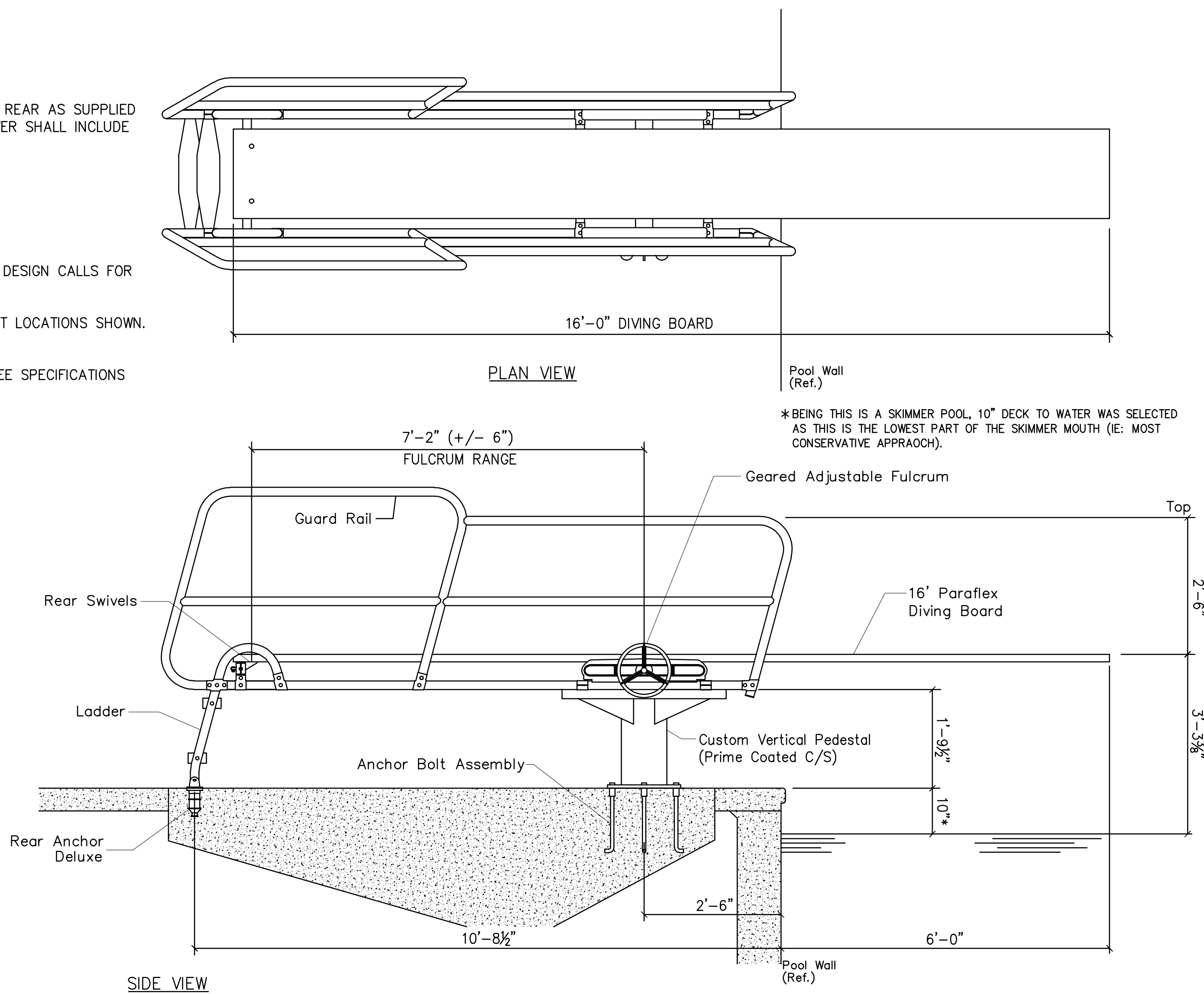


2 STAIR ENTRY NOSING TILE REPLACEMENT DETAIL (ADD ALTERNATE 1)
SCALE: N.T.S.

- NOTES:
1. NEW DIVING TOWER SHALL BE THE CUSTOM 1 METER PARAFLYTE WITH LADDER AT REAR AS SUPPLIED BY PARAGON AQUATICS (PENTAIR COMMERCIAL) OR APPROVED EQUAL. EACH TOWER SHALL INCLUDE THE FOLLOWING:
 - A) STAINLESS STEEL SUPERSTRUCTURE (TOPFLYTE MATERIAL)
 - B) VERTICAL PRIME COATED STEEL PEDESTAL (W/ CUSTOM HEIGHT AS SHOWN)
 - C) ANCHOR BOLT ASSEMBLY
 - D) (2) REAR ANCHOR DELUXE
 - E) 16' DIVING BOARD (PARAFLEX)
 - F) GEARED ADJUSTABLE FULCRUM & REAR SWIVELS
 2. A 6 FOOT (MINIMUM) DIVING BOARD OVERHANG IS REQUIRED PER RULING BODIES. DESIGN CALLS FOR 6'-0" OVERHANG.
 3. VERIFY ALL DIMENSIONS WITH MANUFACTURER PRIOR TO ORDERING.
 4. EXISTING TOWER FOUNDATIONS TO REMAIN. NEW ANCHORS SHALL BE INSTALLED AT LOCATIONS SHOWN. CONSULT MANUFACTURER'S RECOMMENDATIONS FOR ANCHORING INSTALLATION.
 5. APPROVED MANUFACTURERS: PARAGON AQUATICS OR APPROVED EQUAL.
 6. A QUANTITY OF (2) COMPLETE DIVE TOWERS SHALL BE PROVIDED IN BASE BID. SEE SPECIFICATIONS FOR PART IDENTIFICATIONS AND MODEL NUMBERS.



3 DIVING TOWER REPLACEMENT DETAIL (BASE BID)
SCALE: N.T.S.

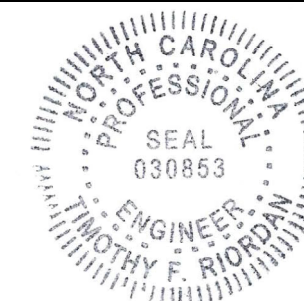


- NOTES:
1. WATERLINE TILE SHALL BE PROVIDED IN BOTH BASE BID AND ADD ALTERNATE NUMBER 1.
 2. BASE BID SHALL CONSIST OR REPLACING 60 LINER FEET OF DAMAGED WATERLINE TILE AT VARIOUS LOCATIONS AROUND THE POOL'S PERIMETER.
 3. ADD ALTERNATE NO. 1 SHALL CONSIST OF THE REPLACEMENT OF THE REMAINDER OF THE WATERLINE TILE . THIS IS APPROXIMATELY 400 LINEAR FT OF TILE.
 4. WHITE GROUT SHALL BE USED FOR TILE REPLACEMENT.

4 WATERLINE TILE DETAIL (BASE BID & ADD ALT 1)
SCALE: N.T.S.



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



NCBLES # F-1165

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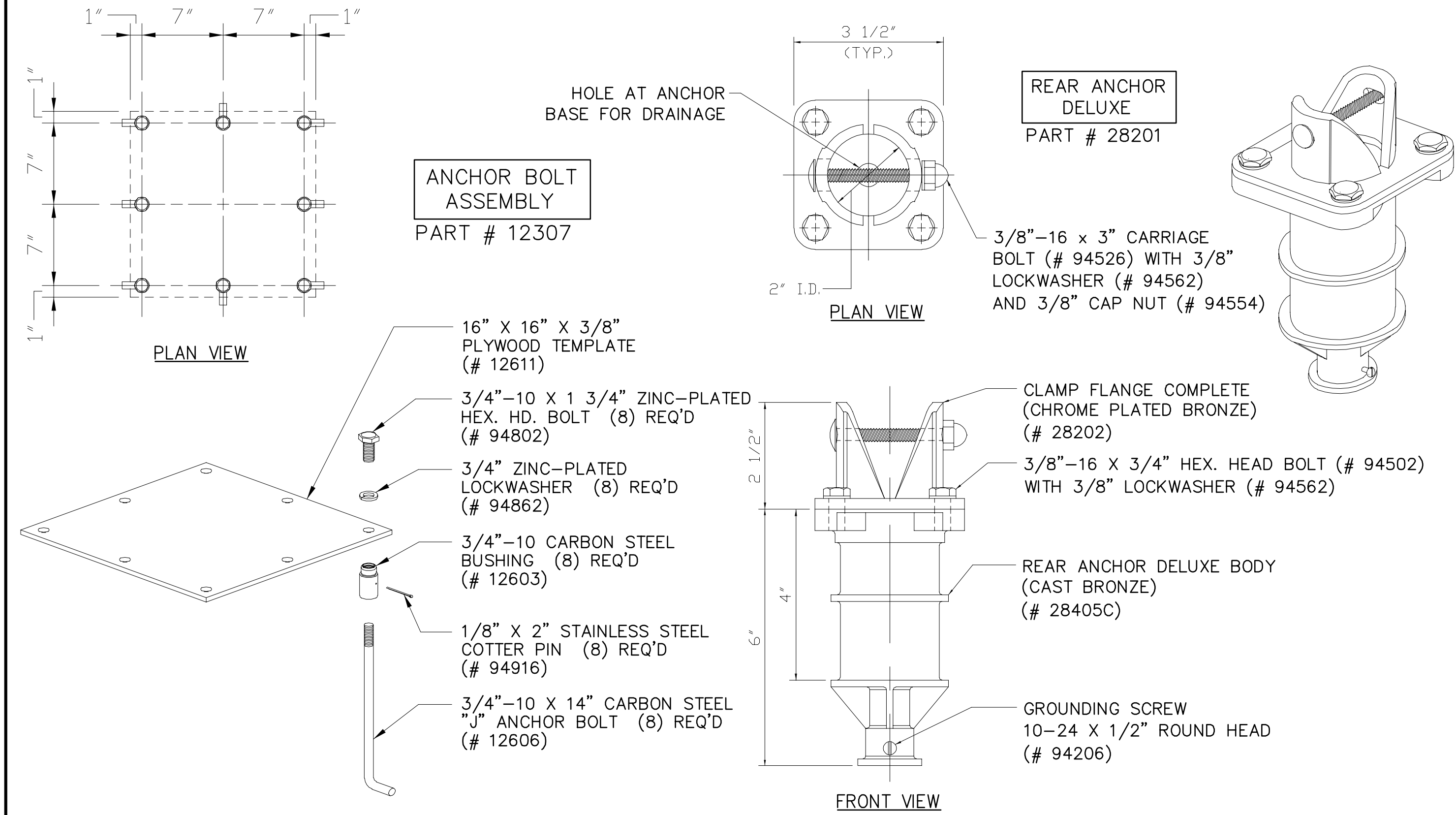
DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submitted / Revision	App'd. By	Date
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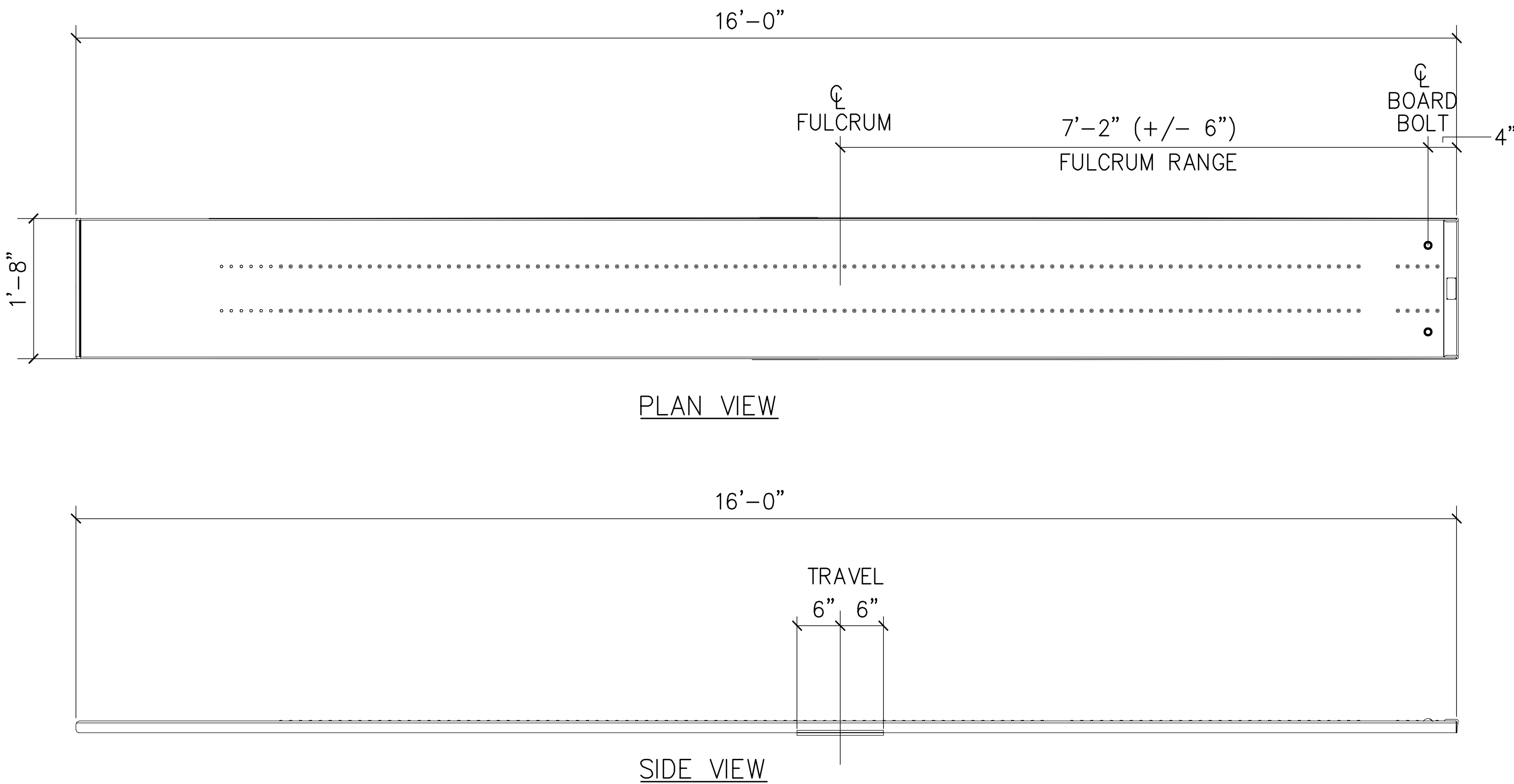
SWIMMING POOL
DETAILS

Designed By:	Drawn By:	Checked By:
MDC	MDC	JPH
Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:
SP-803

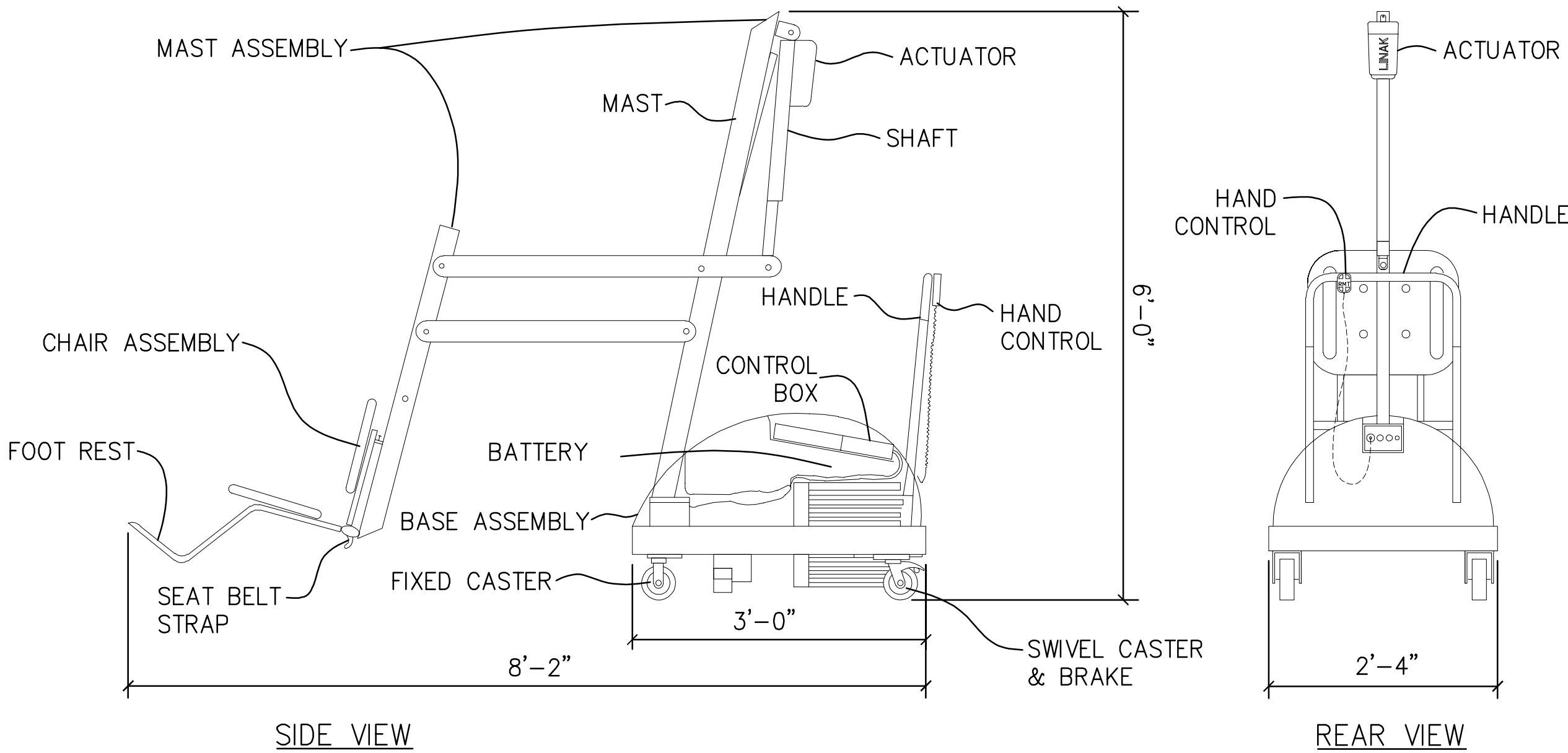


1 DIVE TOWER ANCHOR DETAILS (BASE BID)
SCALE: N.T.S.



- NOTES:
1. NEW DIVING BOARDS SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR.
 2. BOARDS SHALL BE 16' PARAFLEX MODEL NO. 26201-1 BY PARAGON AQUATICS.
 3. APPROVED MANUFACTURERS: PARAGON AQUATICS OR APPROVED EQUAL. APPROVED EQUALS MUST ACCOMMODATE INSTALLATION.
 4. QUANTITY = (2) REQUIRED.
 5. FULCRUM SETTING IS +/- 6". CONTRACTOR SHALL SET GEARED ADJUSTABLE FULCRUM STOPS (TABS) ACCORDING TO THIS FULCRUM RANGE.

2 DIVING BOARD REPLACEMENT DETAIL (BASE BID)
SCALE: N.T.S.



- NOTES:
1. DISABLED LIFT SHALL FULLY COMPLY WITH ADA CODE REQUIREMENTS.
 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 3. MAXIMUM LIFTING CAPACITY = 300 LBS.
 4. TOTAL TRAVEL WITH STANDARD ACTUATOR SHALL BE BETWEEN 44 in. AND 58 in.
 5. LIFT SEAT DEPTH SHALL BE 18 in. TO 20 in. BELOW WATER LINE.
 6. LIFT SHALL BE CAPABLE OF 240 DEGREE TOTAL ROTATION.
 7. LIFT SHALL BE PAL MODEL AS MANUFACTURED BY SR SMITH OR APPROVED EQUAL.
 8. SECURE-IT KIT SHALL BE PROVIDED WITH LIFT. BOLT LOCATION PROVIDED IN PLAN VIEW.
 9. QTY = (1) REQUIRED FOR SWIMMING POOL.

3 ADA ACCESSIBLE HANDICAPPED LIFT DETAIL (BASE BID)
SCALE: N.T.S.



- NOTES:
1. SIGNS CAN BE SIZED ACCORDING TO CONTENT AND SPACE WITH THE EXCEPTION OF THE "NO DIVING" & "NO RUNNING" SIGNS WHICH MUST HAVE LETTERS MEASURING A MINIMUM OF 4" HIGH.
 2. CONTRACTOR SHALL PROVIDE AND INSTALL THE ABOVE POOL SIGNAGE. COORDINATE INSTALLATION LOCATIONS WITH OWNER.

4 POOL SAFETY SIGNAGE DETAIL (BASE BID)
SCALE: N.T.S.

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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
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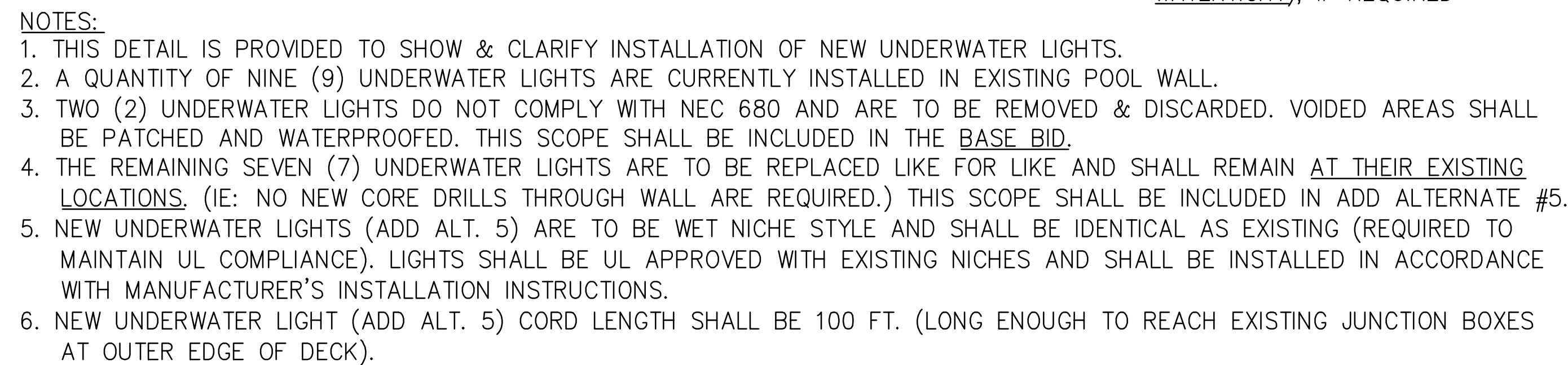
DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

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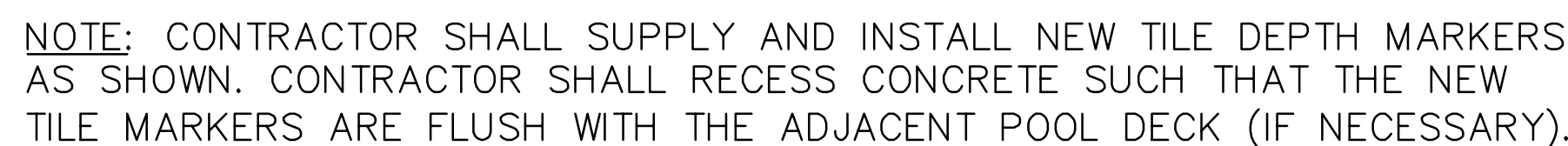
SWIMMING POOL
DETAILS

Designed By:	Drawn By:	Checked By:
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Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:
SP-804



BASE BID SCOPE	ADD ALTERNATE 1 SCOPE
QTY = (9) TOTAL LOCATIONS (3) AT 0' DEPTH & (6) AT VARIOUS OTHER LOCATIONS FOR DAMAGED TILE	QTY = (21) TOTAL LOCATIONS REPLACE EXISTING DEPTH MARKER TILE AT ALL OTHER LOCATIONS



NOTE: SEE LAYOUT PLAN
FOR MARKER LOCATIONS.

VERTICAL FACE OF
POOL WALL (REF.)

POOL DECK

~4"

6"

6"x6" NO DIVING
SYMBOL TILE (INLAYS
OR EQUAL)

6"x12" "NO DIVING"
WORD TILE (INLAYS
OR EQUAL)

PLAN VIEW

PRODUCT NOTES:

1. A TOTAL QUANTITY OF (18) RECESSED STEPS SHALL BE REQUIRED.
2. STEPS SHALL BE FROSTPROOF STYLE BY PARAGON AQUATICS OR APPROVED EQUAL.
3. INSIDE TREAD SURFACE SHALL HAVE A NON-SKID FINISH.
4. INSTALL AS PER MANUFACTURER'S INSTRUCTIONS.



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
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NCBLES # F-1165

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IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

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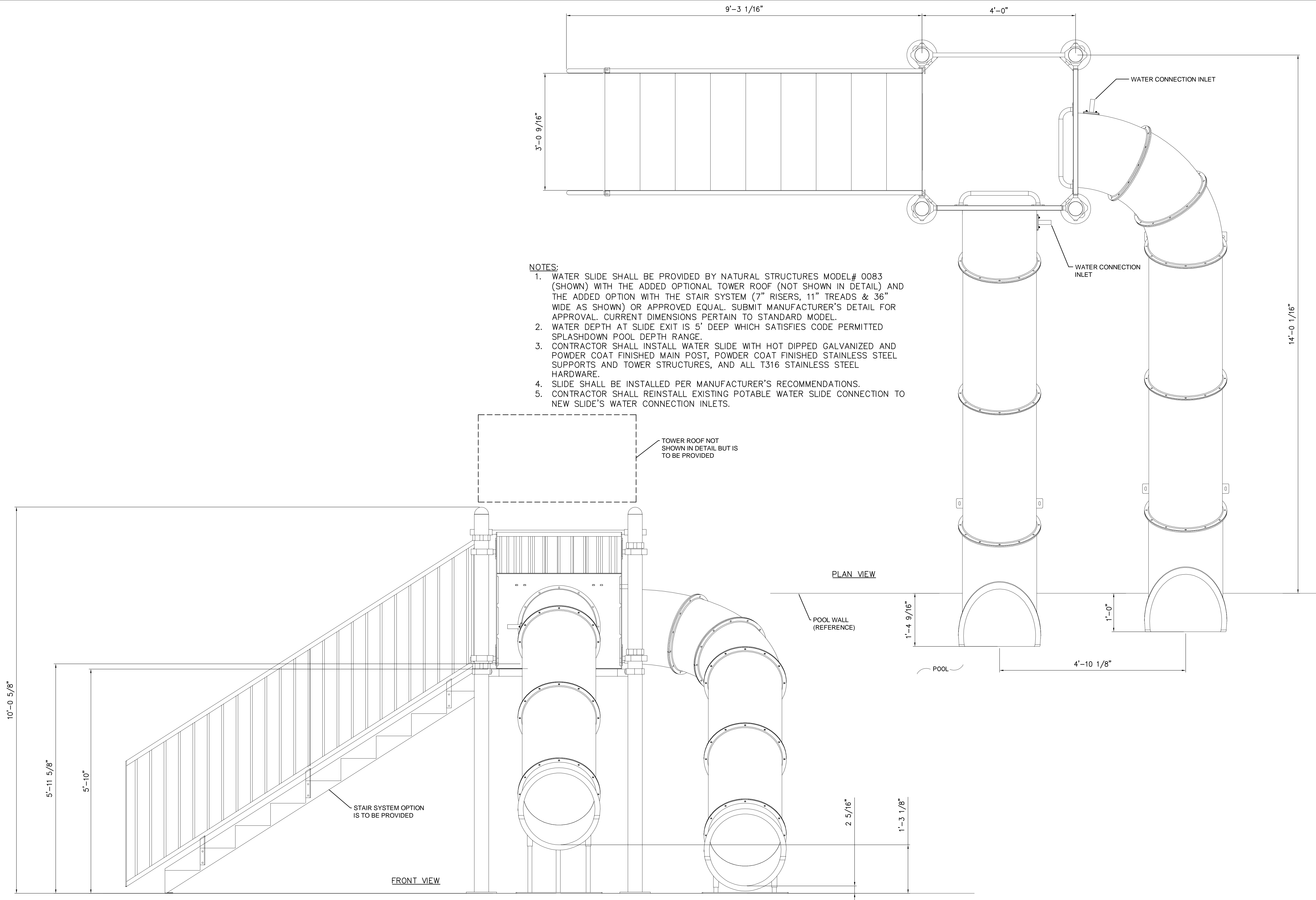
SWIMMING POOL DETAILS

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Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

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1 WATERSLIDE REPLACEMENT DETAIL (BASE BID)
SCALE: N.T.S.



DENTON STREET POOL
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CITY OF ROCKY MOUNT,
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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

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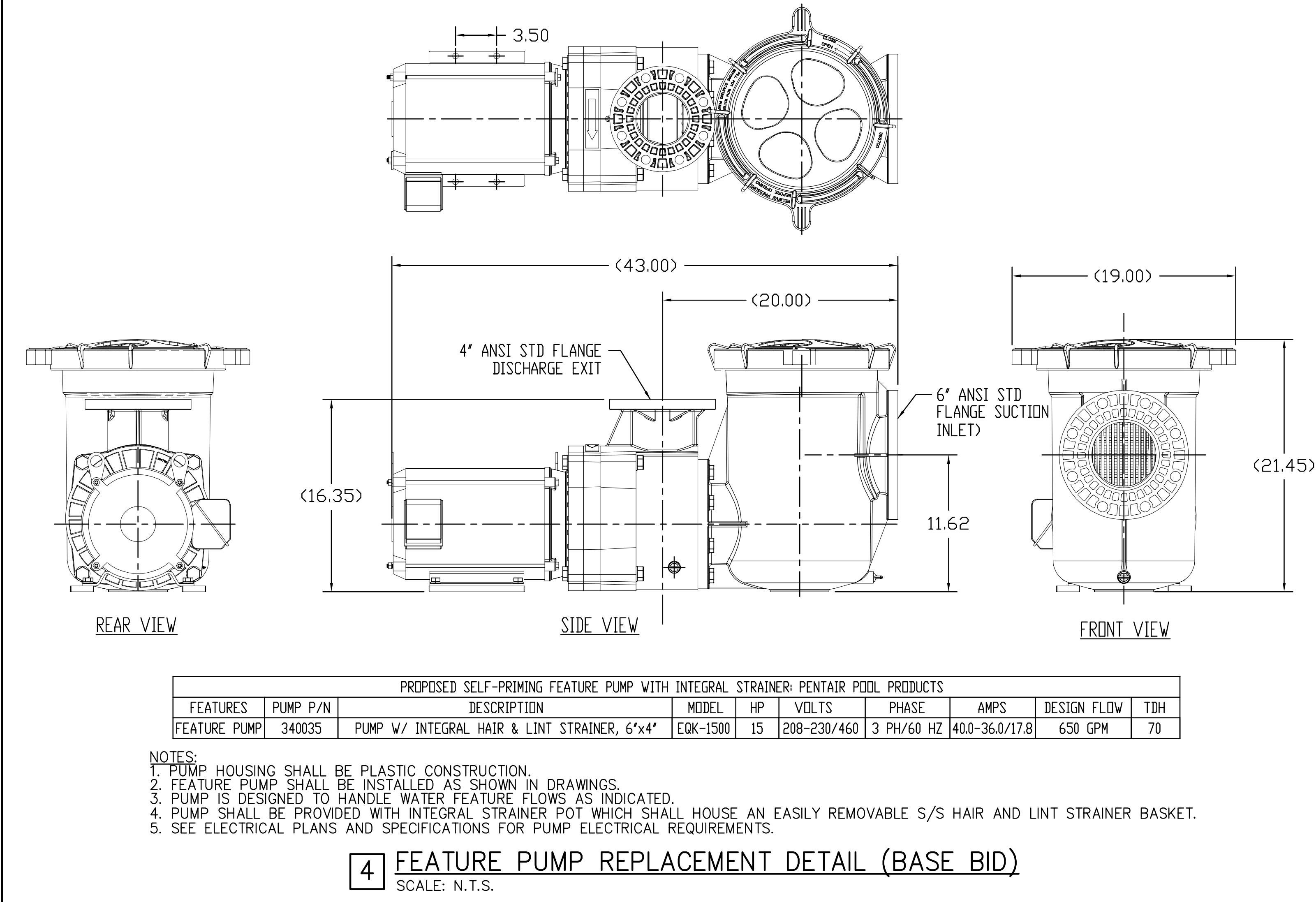
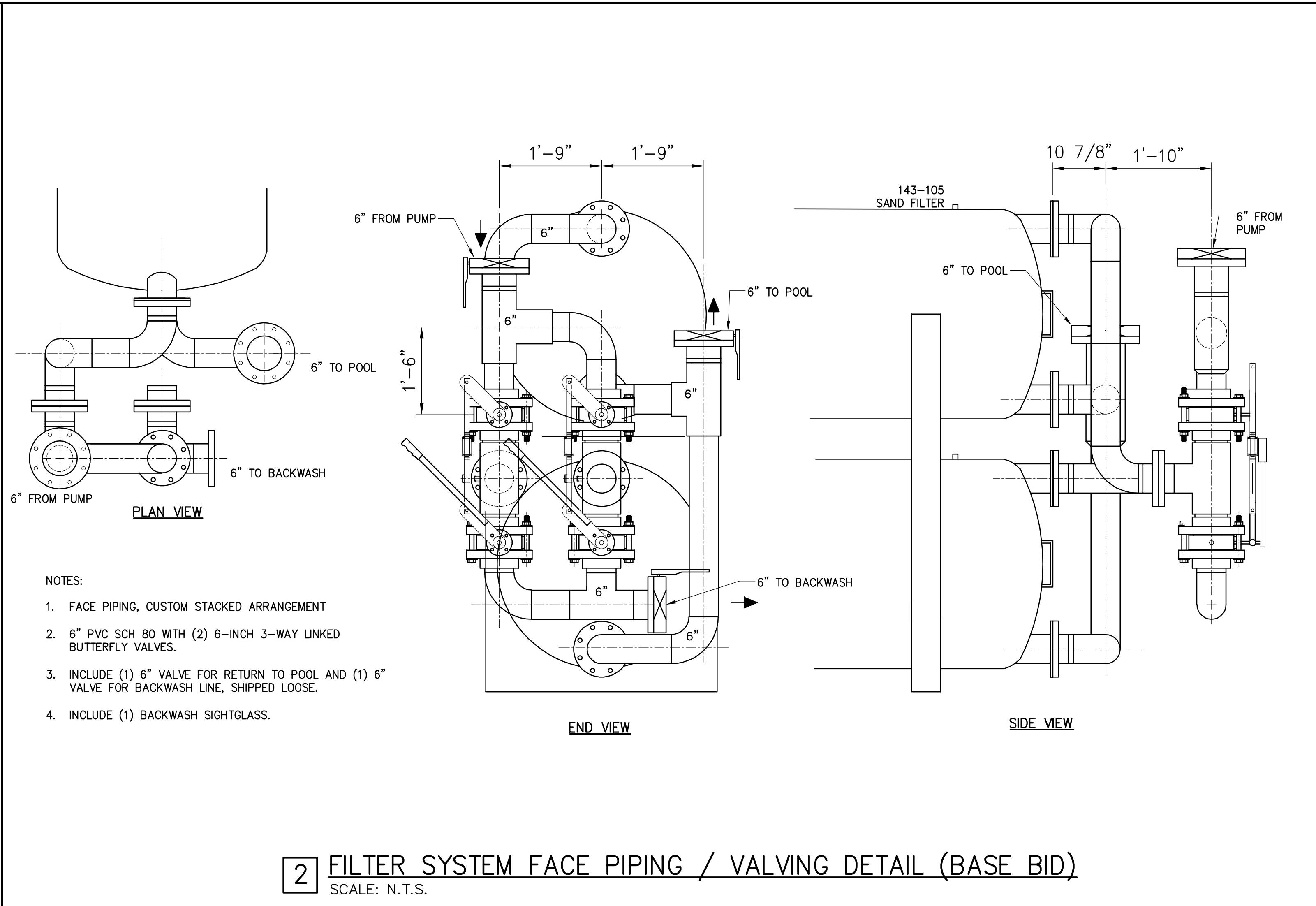
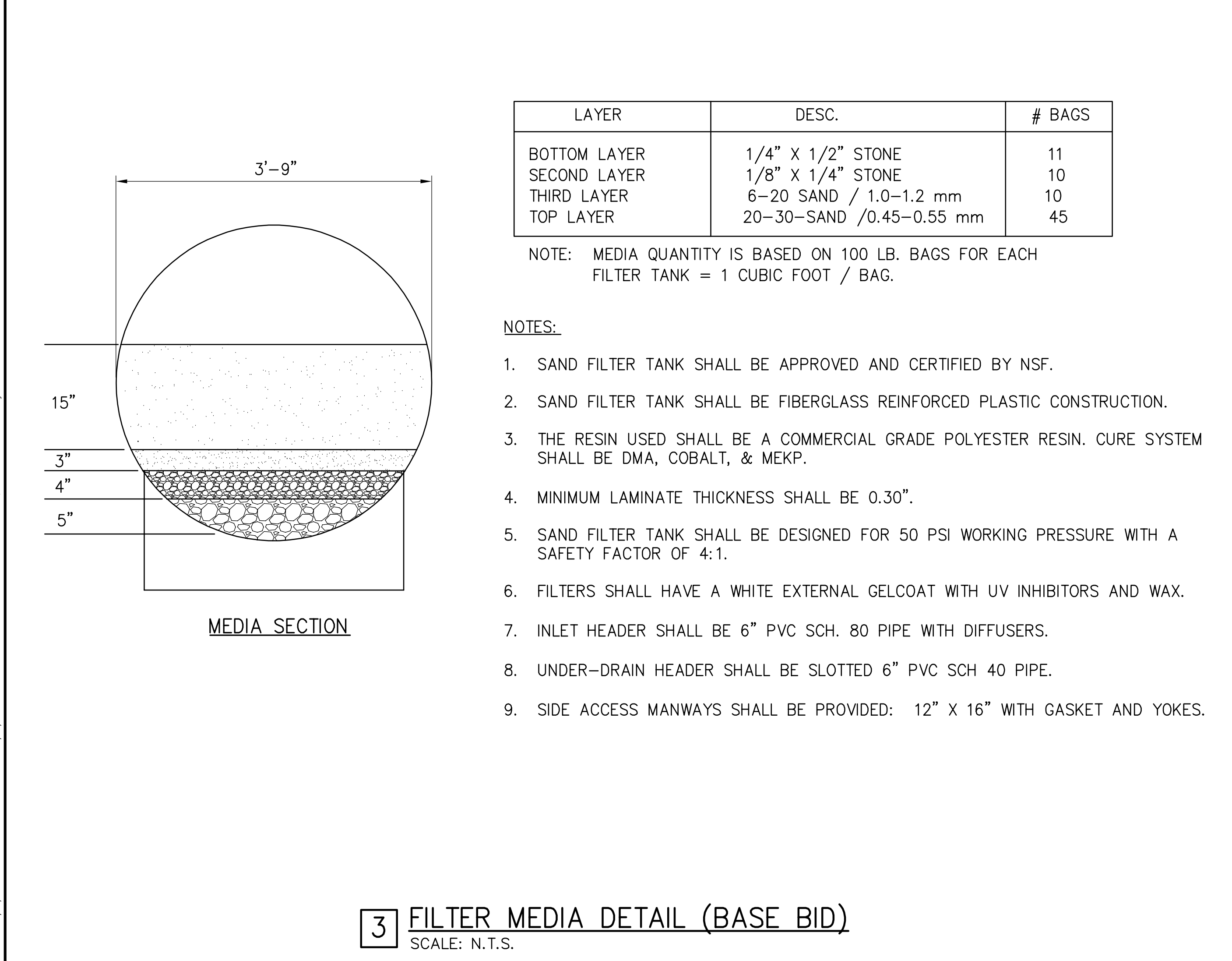
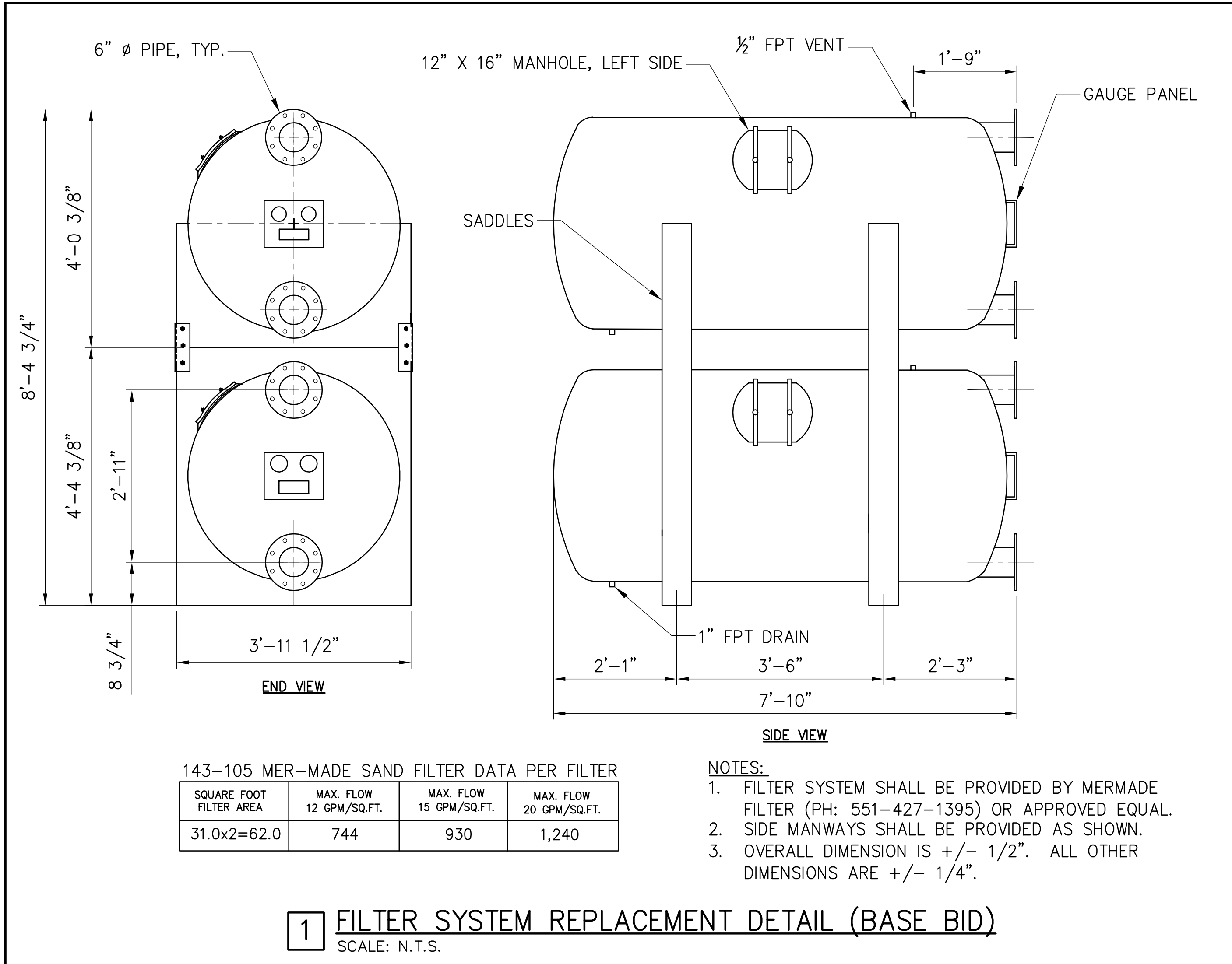
SWIMMING POOL
DETAILS

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Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:

SP-806

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DENTON STREET POOL IMPROVEMENTS
CITY OF ROCKY MOUNT, NORTH CAROLINA

PROFESSIONAL SEAL
030853
ENGINEER
TIMOTHY F. RICHMOND

NCBLES # F-1165

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DENTON STREET POOL IMPROVEMENTS
CITY OF ROCKY MOUNT, NC

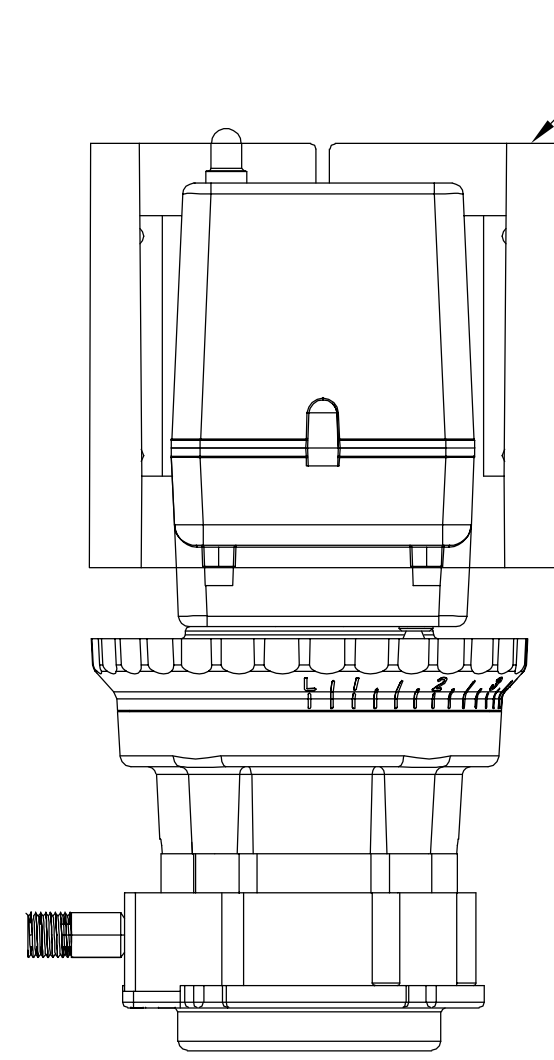
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SWIMMING POOL DETAILS

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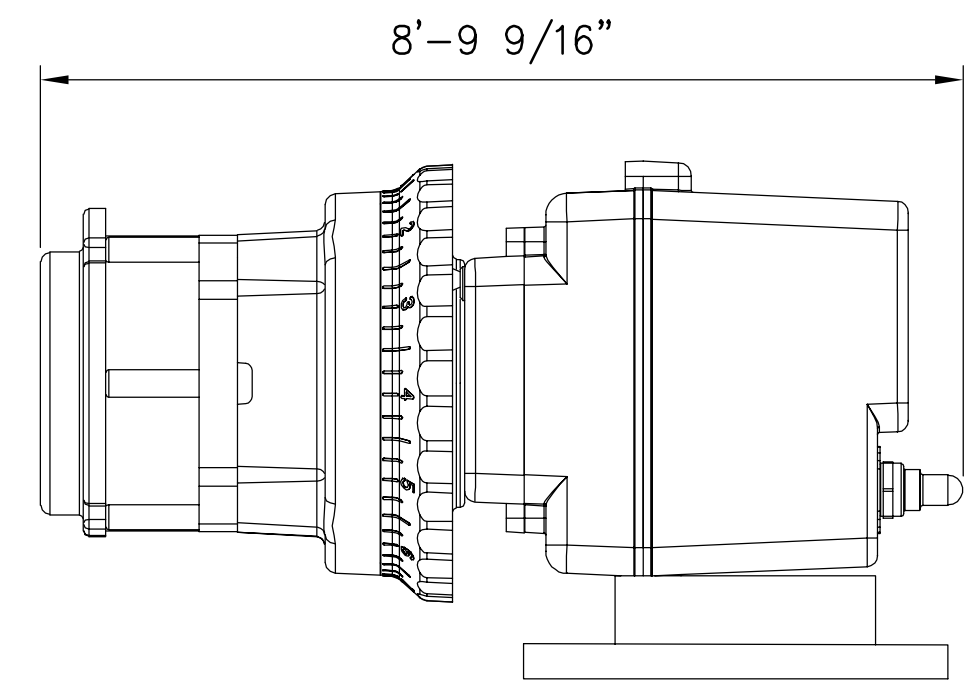
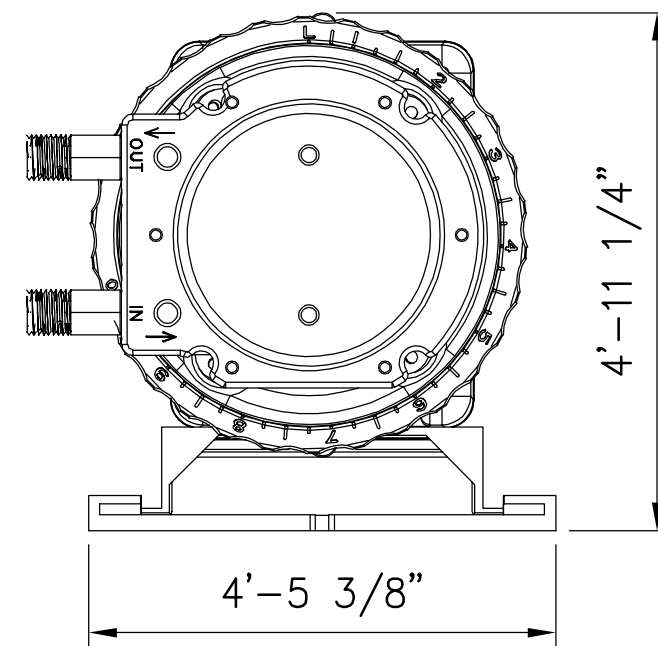
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3/4/2022	63994	AS NOTED

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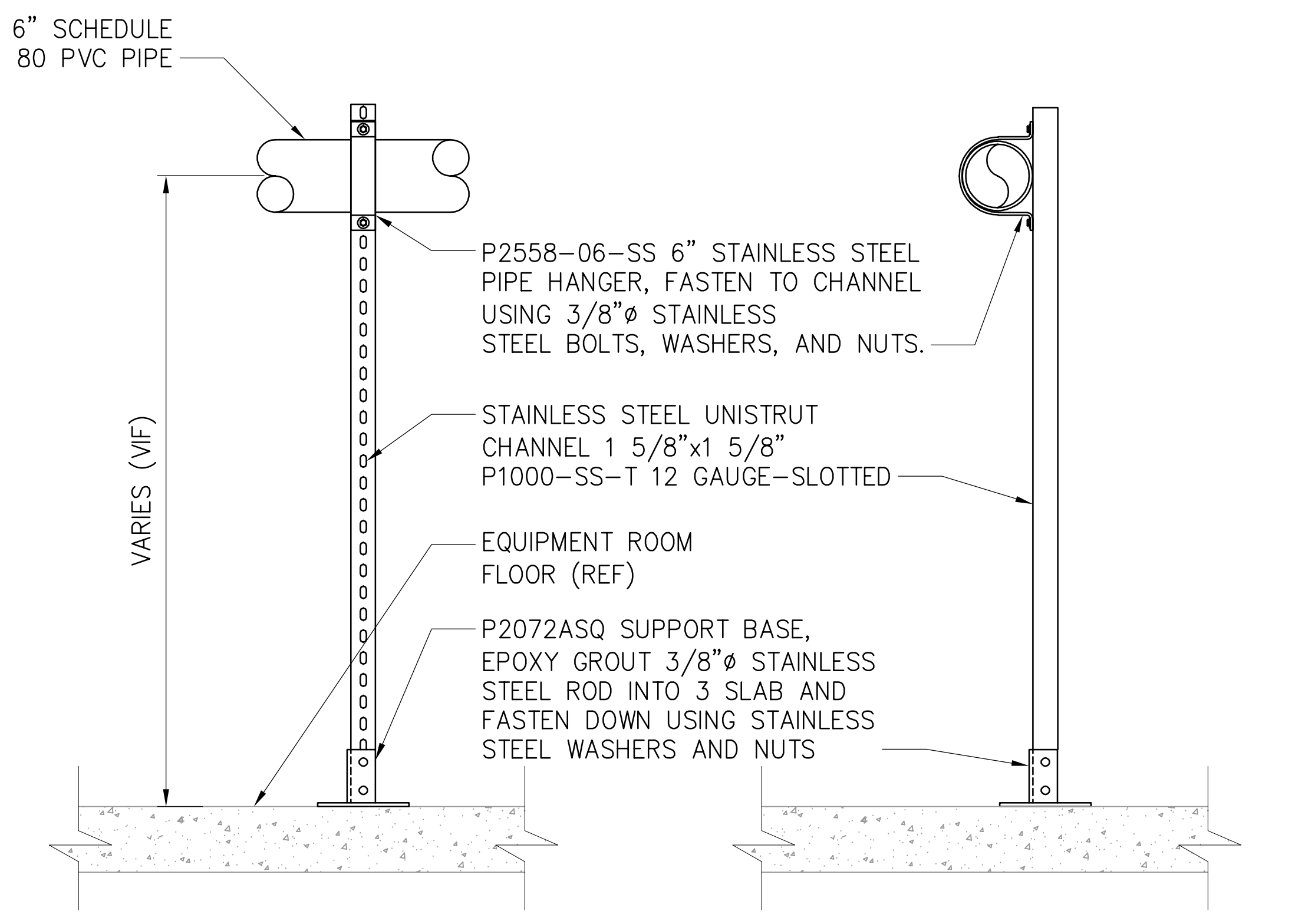


NOTE: ADDITIONAL SPACE OF 4-1/4" IS REQUIRED TO INSTALL THE FEEDER IN TO THE MOUNTING BRACKET. MOUNT PUMP TO WALL IN AN EASILY ACCESSIBLE LOCATION.

- SODIUM HYPOCHLORITE METERING PUMP
STENNER MODEL # 85M5, QTY: (1) REQUIRED
PUMP CAPACITY INFORMATION: 4.3 TO 85 GALLONS PER DAY OUTPUT
- MURIATIC ACID METERING PUMP
STENNER MODEL # 45M5, QTY: (1) REQUIRED
PUMP CAPACITY INFORMATION: 2.5 TO 50 GALLONS PER DAY OUTPUT

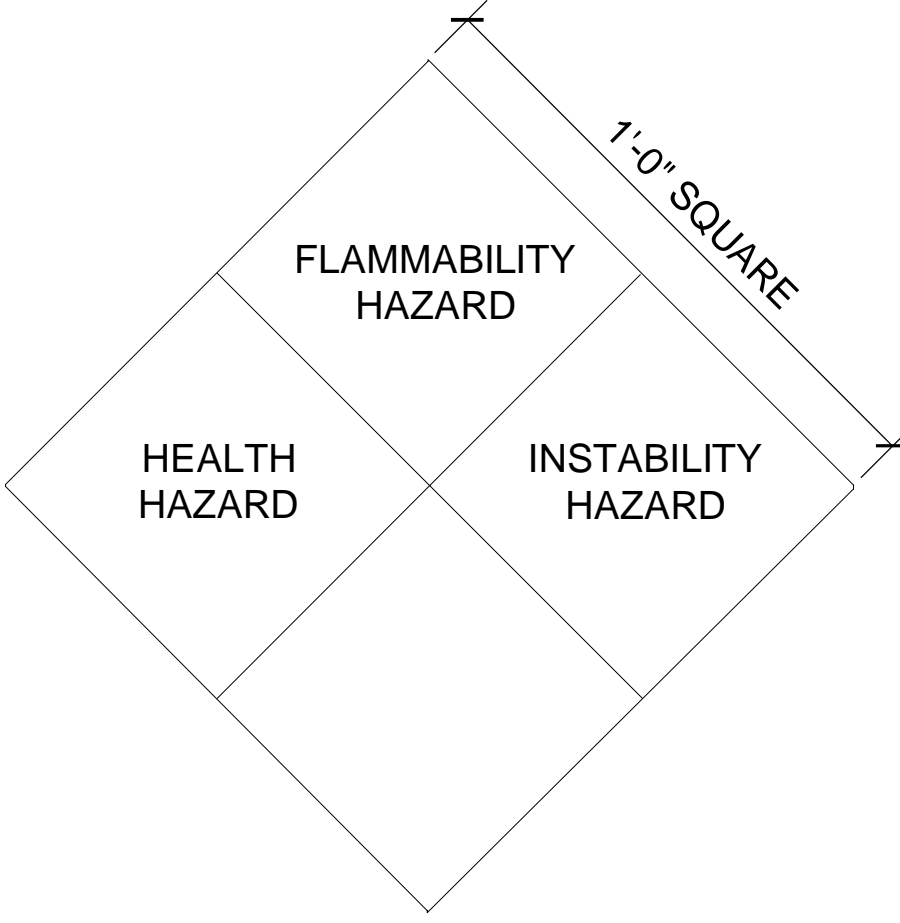


1 CHEMICAL METERING PUMP REPLACEMENTS DETAIL (ADD ALT 5)
SCALE: N.T.S.



- NOTE:
- ALL PIPE SUPPORTS SHALL BE FLOOR MOUNTED STAINLESS STEEL BY UNISTRUT OR EQUAL.
 - A QUANTITY OF (8) PIPE SUPPORTS ARE REQUIRED IN ADD ALTERNATE NO. 5.
 - SEE SHEET SET FOR LOCATIONS.

3 PIPE SUPPORT DETAIL (ADD ALTERNATE 5)
SCALE: N.T.S.

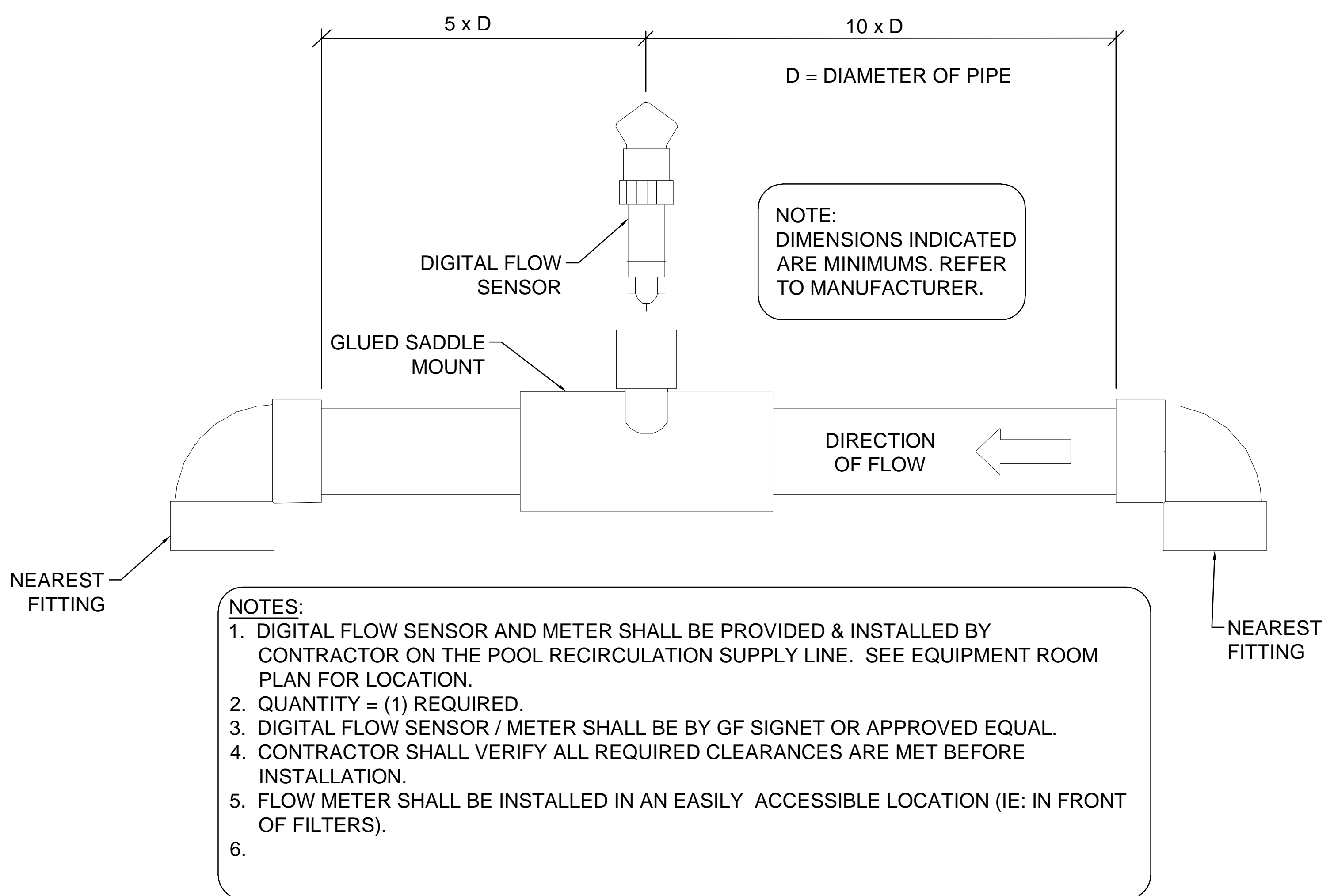


	SAFETY SIGNS REQUIRED: QTY (3)
	SAFETY SIGNS REQUIRED: QTY (3)

RATING EXPLANATION GUIDE			
RATING	HEALTH HAZARD	FLAMMABILITY HAZARD	INSTABILITY HAZARD
4	CAN BE LETHAL	BELOW 73 DEGREES F	MAY EXPLODE AT NORMAL TEMPERATURES AND PRESSURES
3	CAN CAUSE SERIOUS OF PERMANENT INJURY	ABOVE 73 DEGREES, BELOW 100 DEGREES F	MAY EXPLODE AT HIGH TEMPERATURE OR SHOCK
2	CAN CAUSE TEMPORARY INCAPACITATION OR RESIDUAL INJURY	ABOVE 100 DEGREES F, BELOW 200 DEGREES F	VIOLENT CHEMICAL CHANGE AT HIGH TEMPERATURES OR PRESSURES
1	CAN CAUSE SIGNIFICANT IRRITATION	ABOVE 200 DEGREES F	NORMALLY STABLE HIGH TEMPERATURES MAKE UNSTABLE
0	NO HAZARD	WILL NOT BURN	STABLE

CONFIRM SIGNAGE WITH LOCAL FIRE MARSHALL AND/OR BUILDING CODES PRIOR TO INSTALLATION

2 CHEMICAL SAFETY SIGNAGE DETAIL (BASE BID)
SCALE: N.T.S.

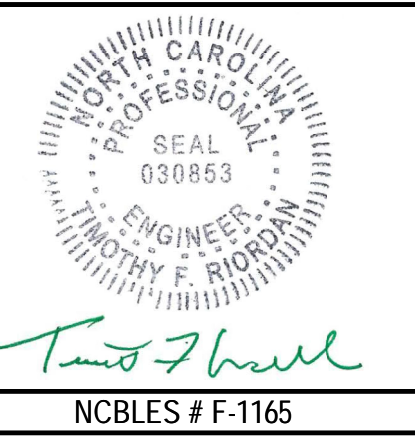


- NOTES:
- DIGITAL FLOW SENSOR AND METER SHALL BE PROVIDED & INSTALLED BY CONTRACTOR ON THE POOL RECIRCULATION SUPPLY LINE. SEE EQUIPMENT ROOM PLAN FOR LOCATION.
 - QUANTITY = (1) REQUIRED.
 - DIGITAL FLOW SENSOR / METER SHALL BE BY GF SIGNET OR APPROVED EQUAL.
 - CONTRACTOR SHALL VERIFY ALL REQUIRED CLEARANCES ARE MET BEFORE INSTALLATION.
 - FLOW METER SHALL BE INSTALLED IN AN EASILY ACCESSIBLE LOCATION (IE: IN FRONT OF FILTERS).
 -

4 FLOW METER REPLACEMENT DETAIL (ADD ALTERNATE 5)
SCALE: N.T.S.



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



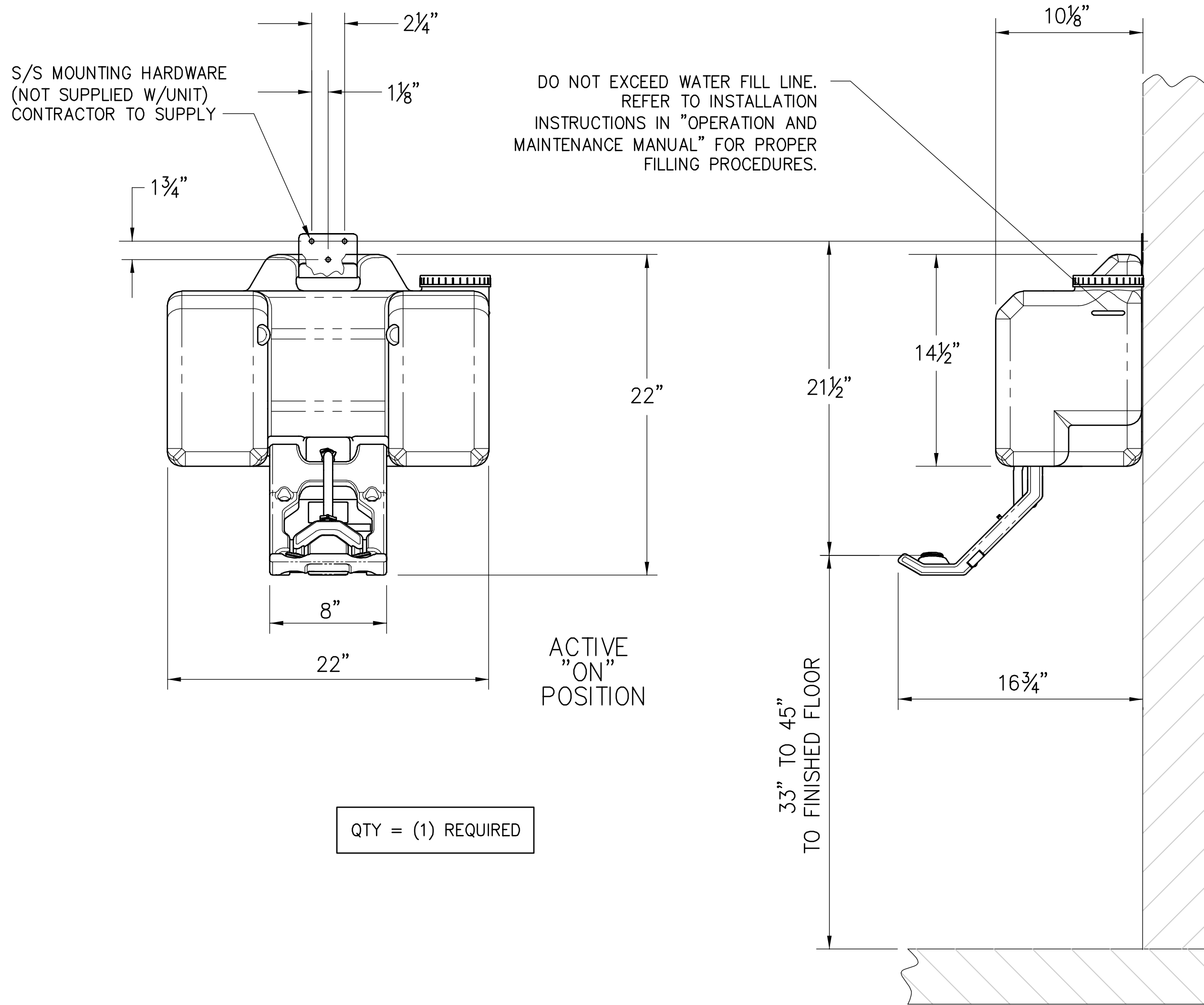
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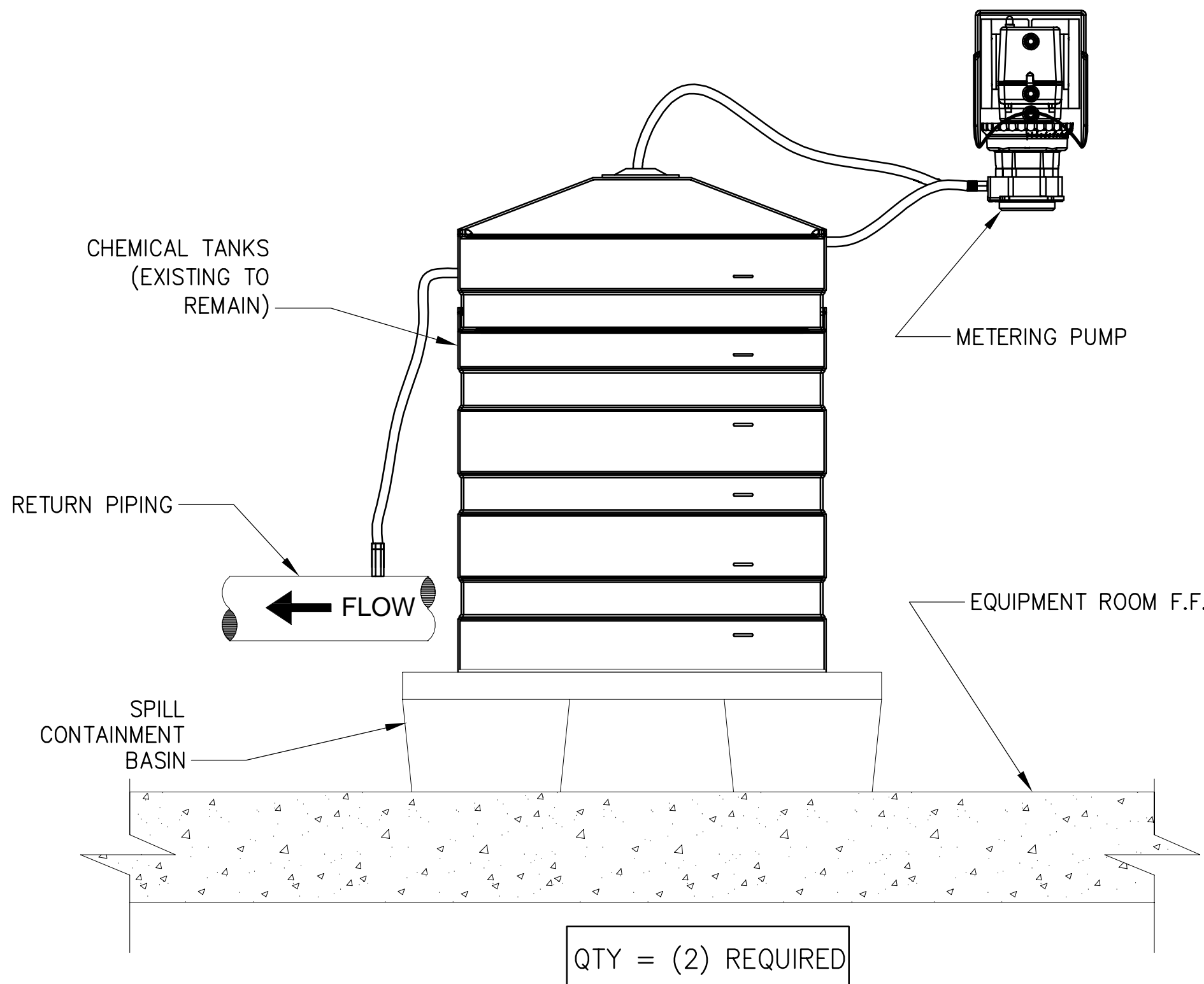
SWIMMING POOL
DETAILS

Designed By: MDC	Drawn By: MDC	Checked By: JPH
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:
SP-808



1 SAFETY EYEWASH STATION DETAIL (BASE BID)
SCALE: N.T.S.

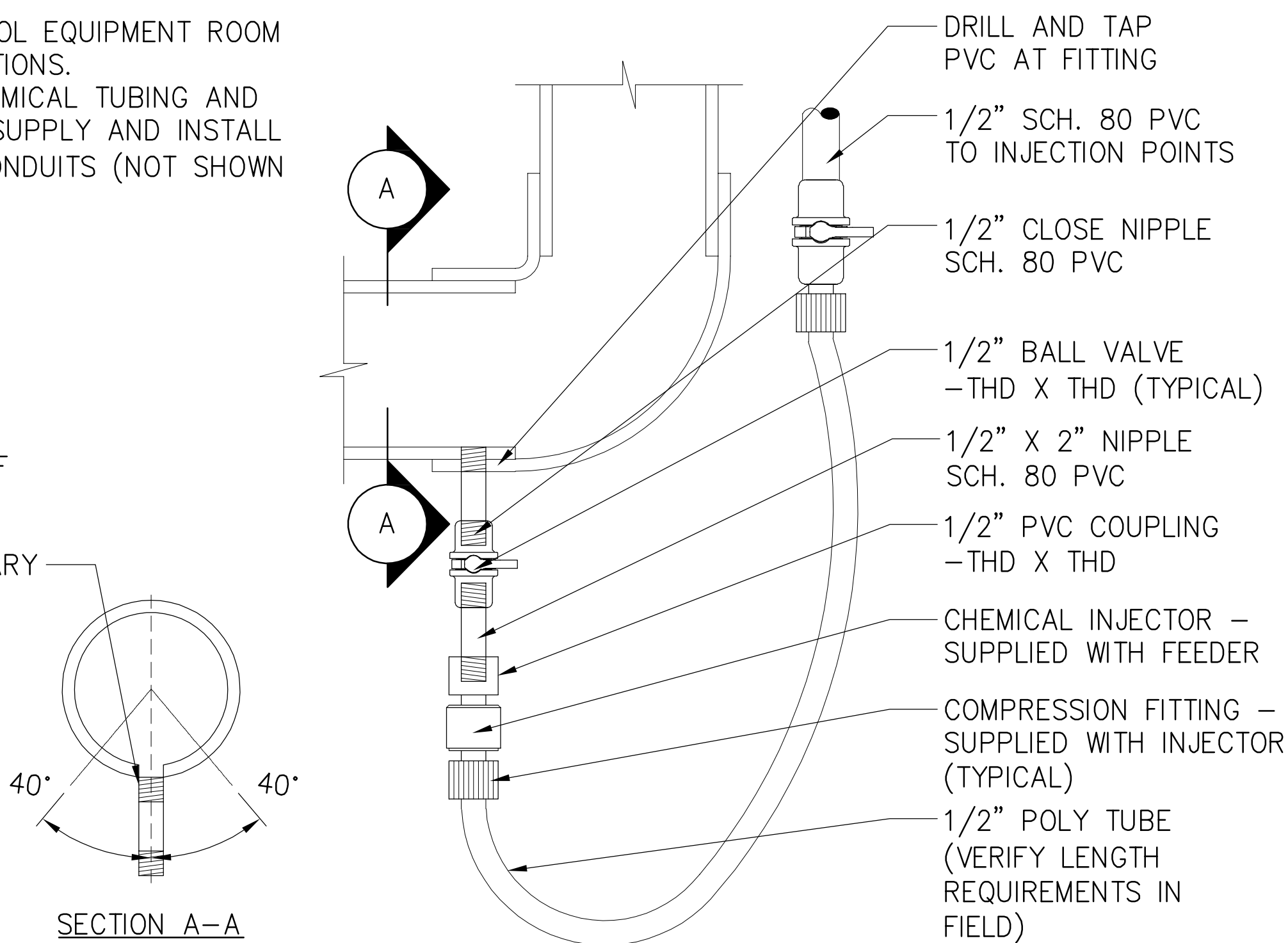


- NOTES:
1. CONTRACTOR SHALL PROVIDE SPILL CONTAINMENT CATCH BASINS AS SHOWN.
 2. CHEMICAL TANKS SHALL REMAIN (PROVIDED BY OWNER).
 3. SEE PLANS FOR LOCATIONS.
 4. QTY = (1) BASIN SHALL BE BY EAGLE SAFETY CO. MODEL NO. 1640 (FOR SODIUM HYPO TANK) OR APPROVED EQUAL.
 5. QTY = (1) BASIN SHALL BE BY EAGLE SAFETY CO. MODEL NO. 1620 (FOR MURIATIC ACID DRUMS) OR APPROVED EQUAL.

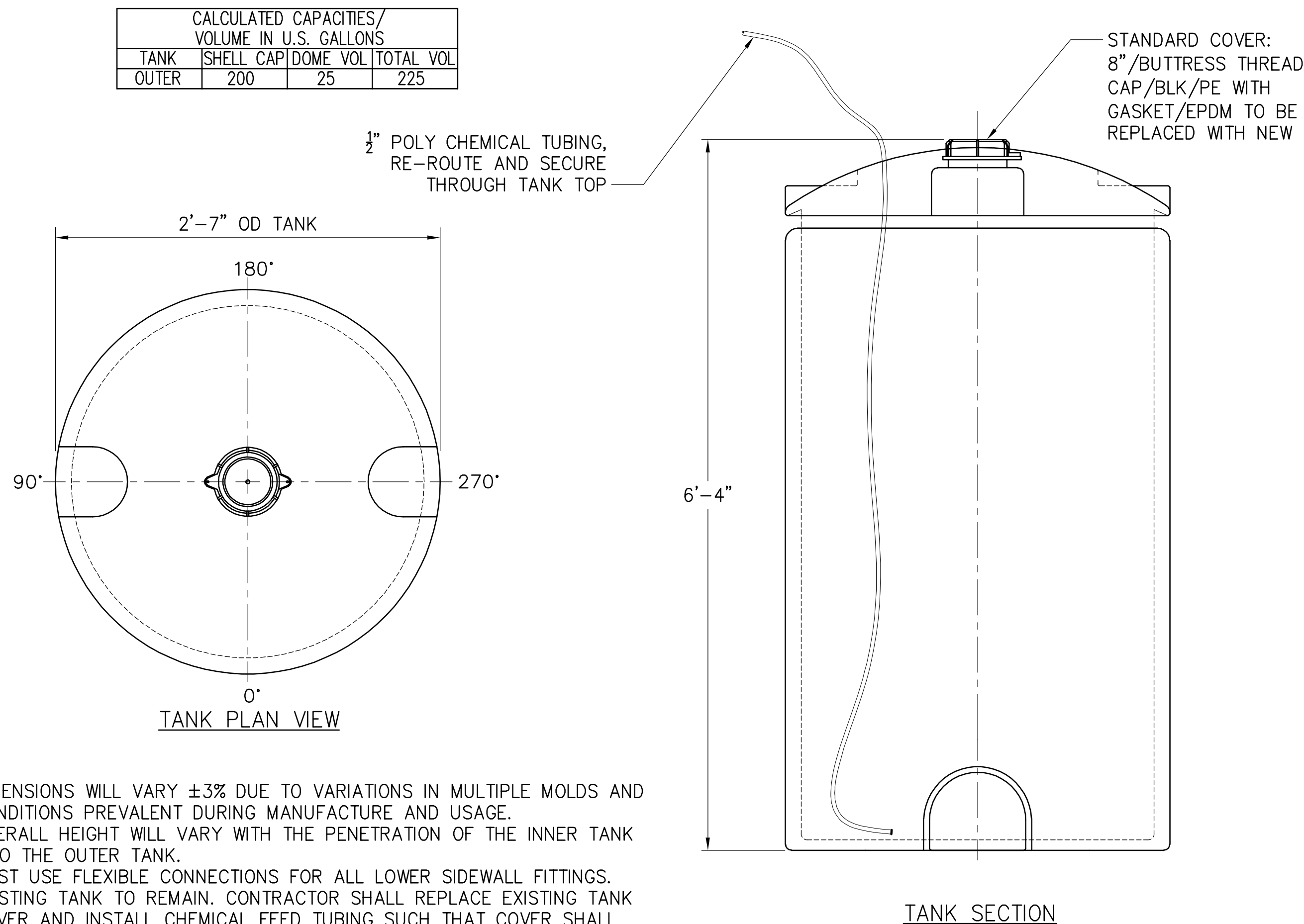
2 CHEMICAL SPILL CONTAINMENT PALLET DETAIL (BASE BID)
SCALE: N.T.S.

- NOTES:
1. SEE SWIMMING POOL EQUIPMENT ROOM PLANS FOR LOCATIONS.
 2. PROVIDE NEW CHEMICAL TUBING AND CHEMICAL TAPS. SUPPLY AND INSTALL NEW CHEMICAL CONDUITS (NOT SHOWN IN DETAIL).

DRILL/TAP IN BOTTOM OF FITTING. 40° VARIATION TO EITHER SIDE IS ACCEPTABLE IN NECESSARY



3 CHEMICAL TUBING & TAP DETAIL (ADD ALT 5)
SCALE: N.T.S.

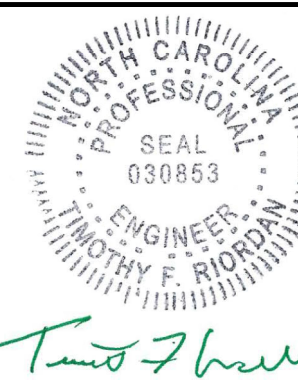


- NOTES:
1. DIMENSIONS WILL VARY ±3% DUE TO VARIATIONS IN MULTIPLE MOLDS AND CONDITIONS PREVALENT DURING MANUFACTURE AND USAGE.
 2. OVERALL HEIGHT WILL VARY WITH THE PENETRATION OF THE INNER TANK INTO THE OUTER TANK.
 3. MUST USE FLEXIBLE CONNECTIONS FOR ALL LOWER SIDEWALL FITTINGS.
 4. EXISTING TANK TO REMAIN. CONTRACTOR SHALL REPLACE EXISTING TANK COVER AND INSTALL CHEMICAL FEED TUBING SUCH THAT COVER SHALL REMAIN INSTALLED (IN TOP TANK WALL).
 5. EXISTING TANK IS MANUFACTURED FROM ACE ROTO-MOLD.

4 SODIUM HYPOCHLORITE TANK PARTS REPLACEMENT DETAIL (BASE BID)
SCALE: N.T.S.



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



NCBLES # F-1165

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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submitted / Revision	App'd. By	Date

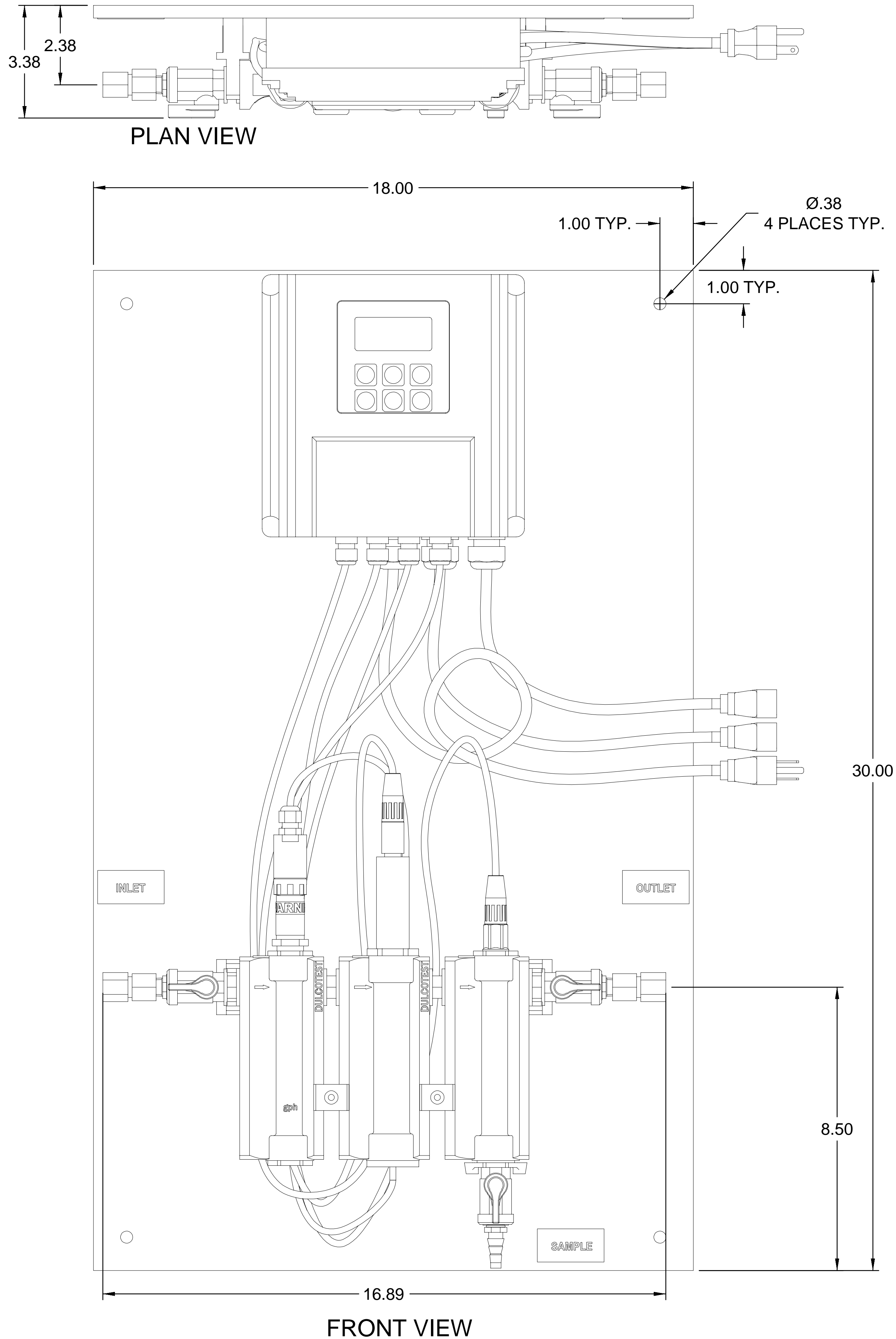
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SWIMMING POOL
DETAILS

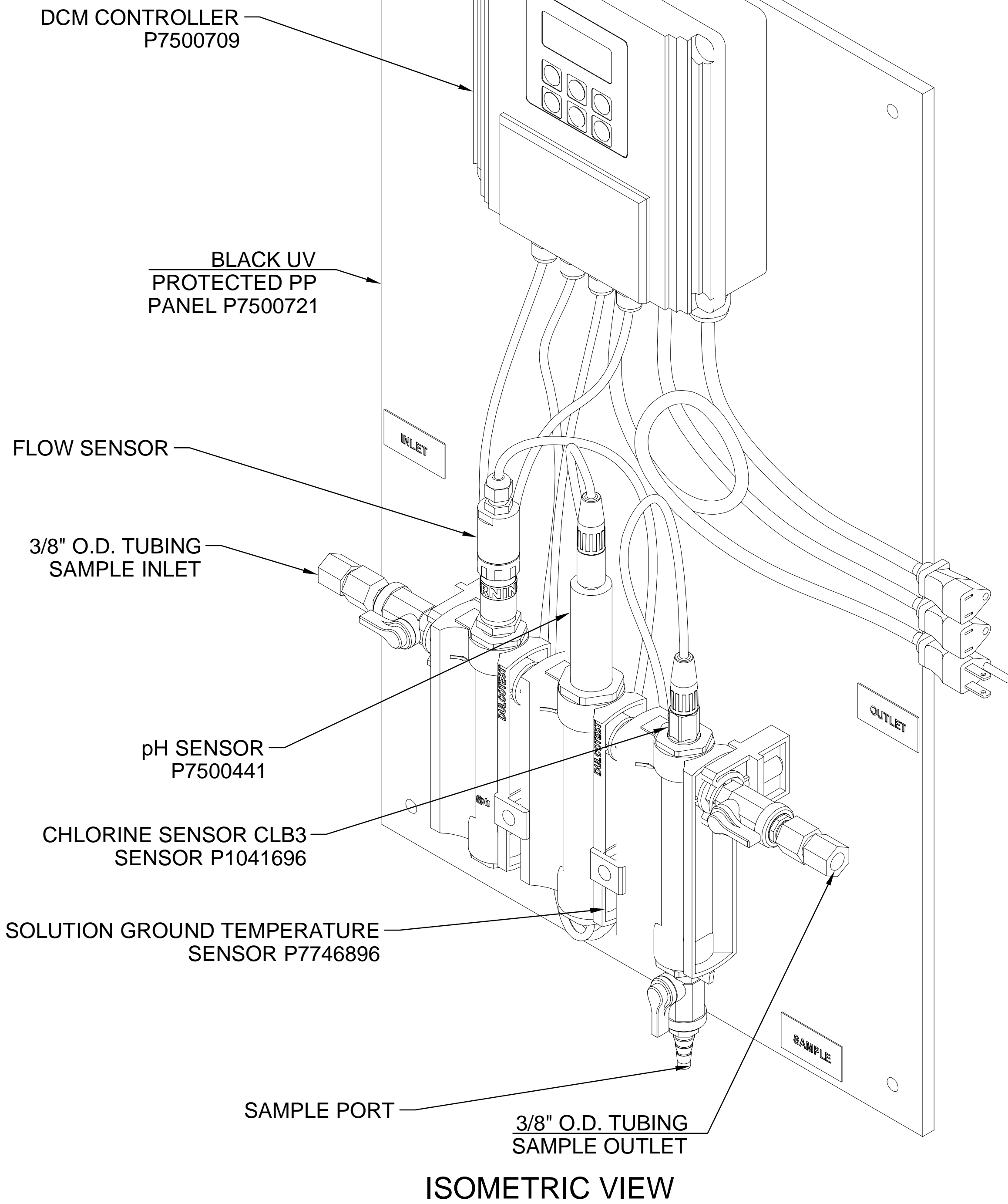
Designed By:	Drawn By:	Checked By:
MDC	MDC	JPH
Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:

SP-809



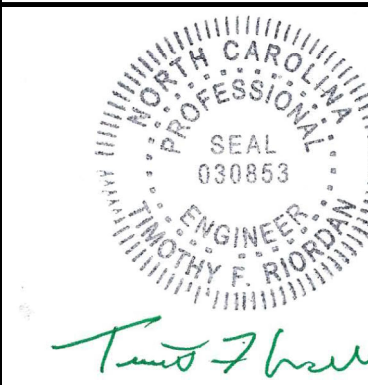
- NOTES:
1. CONTRACTOR SHALL PROVIDE AND INSTALL NEW CHEMICAL CONTROLLER & FLOW CELL ASSEMBLY.
 2. CHEMICAL CONTROLLER AND FLOW CELL TO BE MANUFACTURED BY PROMINENT FLUID CONTROL SYSTEMS INC. OR EQUAL AND SHALL BE MODEL NO. DCM-2CL OR EQUAL.
 3. 30 FT OF $\frac{3}{8}$ " O.D. HDPE TUBING, P7741514, TO BE SHIPPED LOOSE WITH THE SYSTEM.
 4. ALL DIMENSIONS ARE IN INCHES AND ARE SHOWN FOR REFERENCE ONLY.
 5. SEE SHEET SET FOR LOCATION.



1 CHEMICAL CONTROLLER & FLOW CELL DETAIL (ADD ALTERNATE 5)
SCALE: N.T.S.



DENTON STREET POOL
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NORTH CAROLINA



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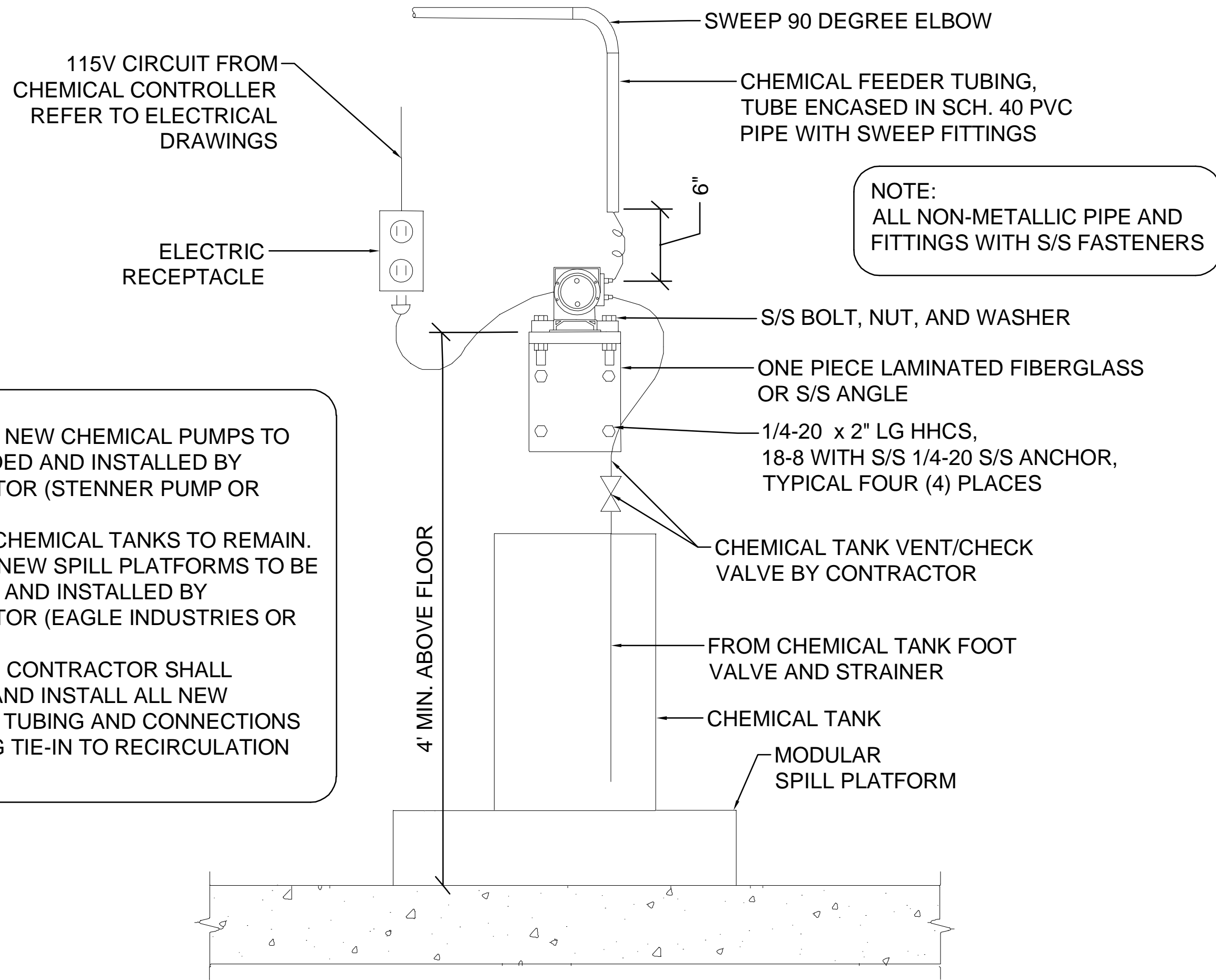
DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submitted / Revision	App'd. By	Date
0	BID/PERMIT SET	TR MC	3/4/22

SWIMMING POOL
DETAILS

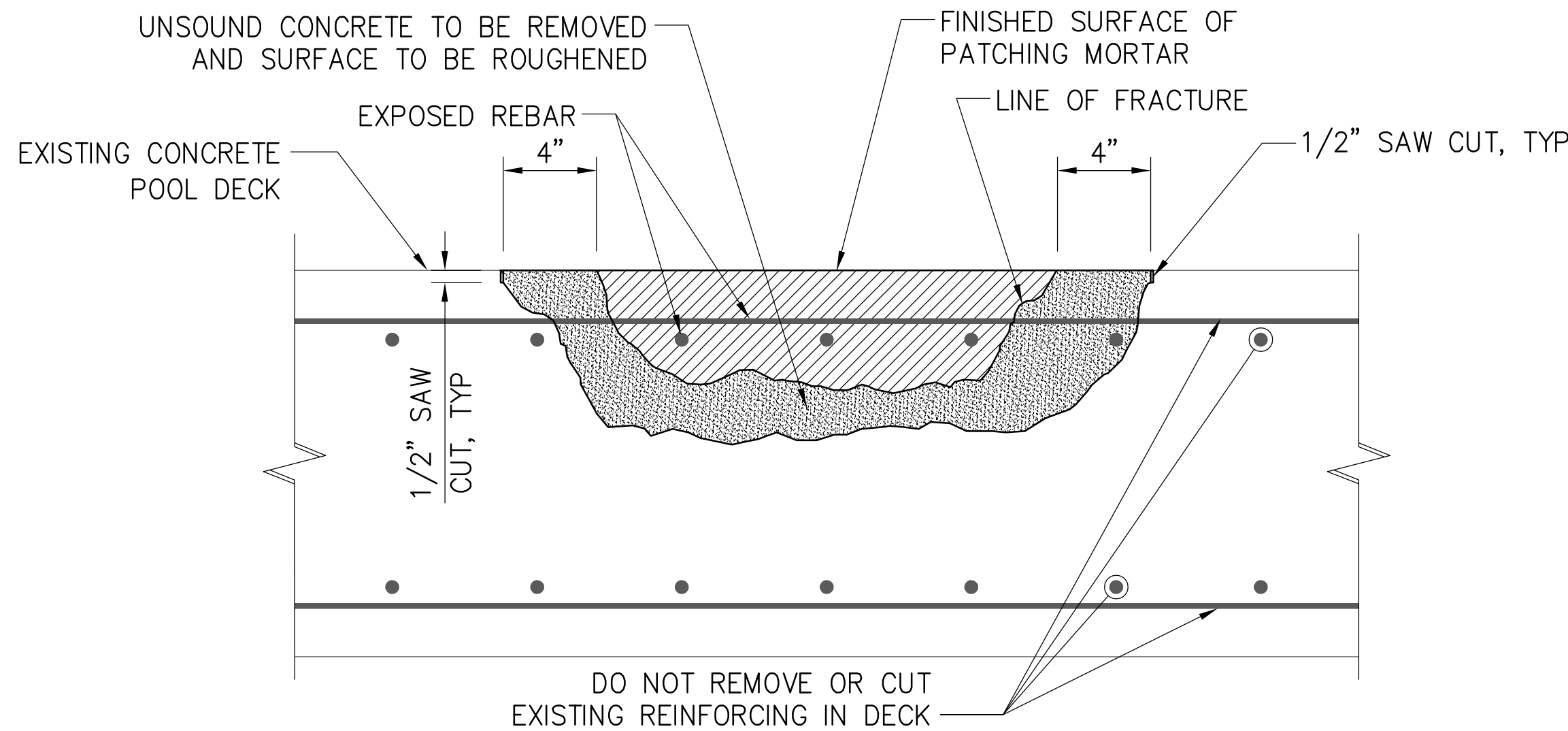
Designed By: MDC	Drawn By: MDC	Checked By: JPH
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:
SP-810



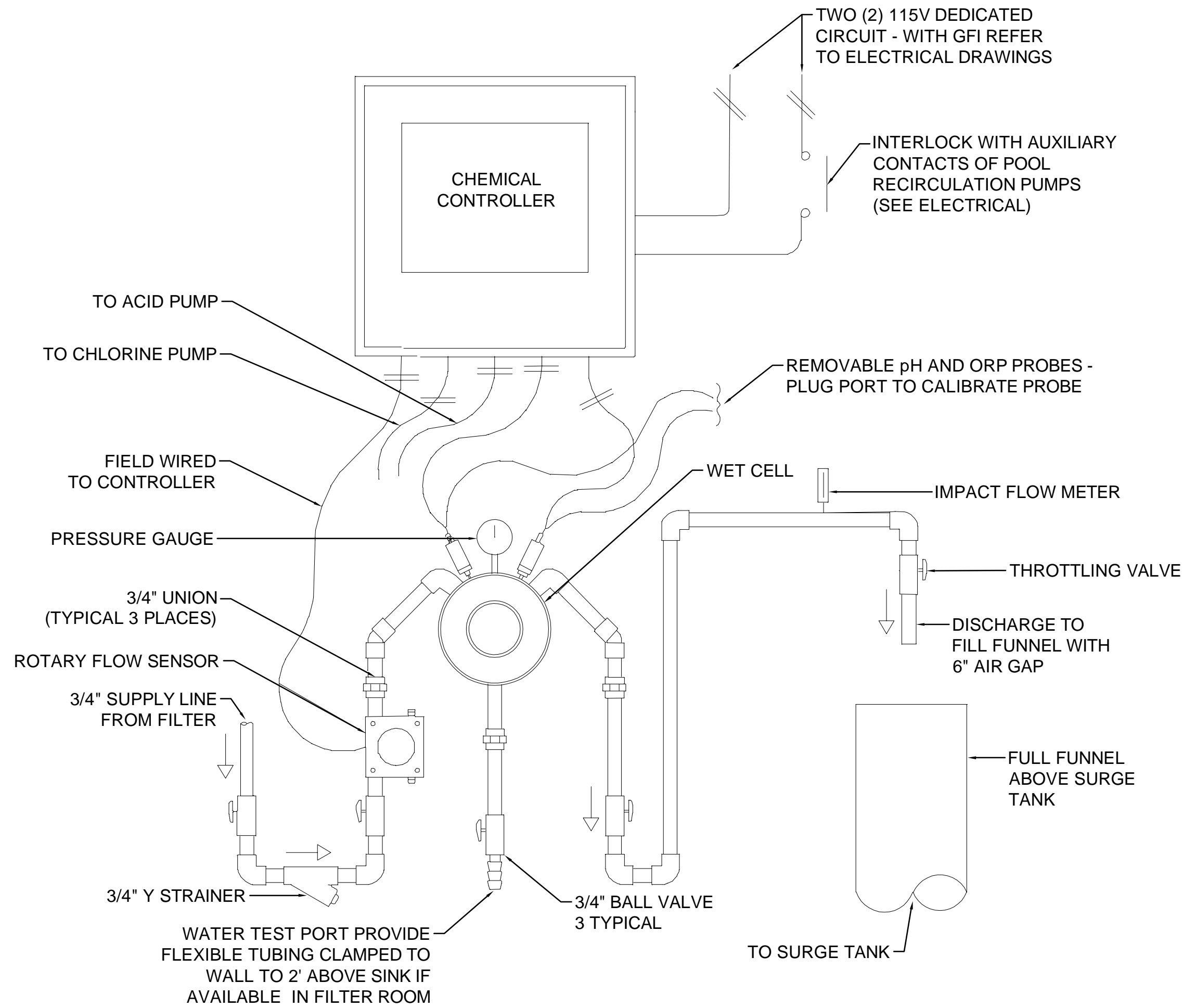
- NOTES:
1. ADD ALT 5: NEW CHEMICAL PUMPS TO BE PROVIDED AND INSTALLED BY CONTRACTOR (STENNER PUMP OR EQUAL).
 2. EXISTING CHEMICAL TANKS TO REMAIN.
 3. BASE BID: NEW SPILL PLATFORMS TO BE PROVIDED AND INSTALLED BY CONTRACTOR (EAGLE INDUSTRIES OR EQUAL).
 4. ADD ALT 5: CONTRACTOR SHALL PROVIDE AND INSTALL ALL NEW CHEMICAL TUBING AND CONNECTIONS INCLUDING TIE-IN TO RECIRCULATION PIPING.

1 CHEMICAL PUMP SCHEMATIC DETAIL (BASE BID & ADD ALT 5)
SCALE: N.T.S.

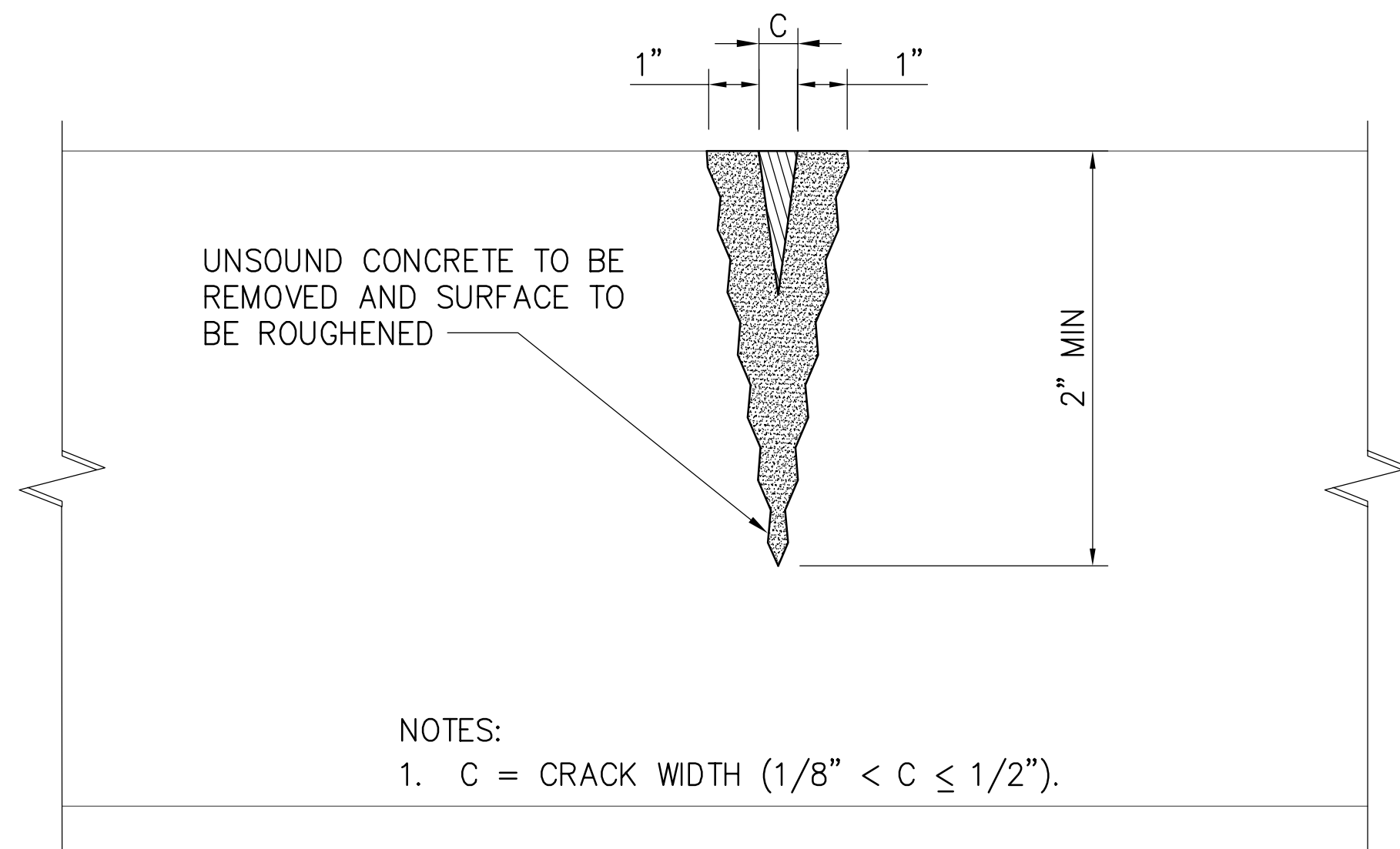


- SPALL REPAIR NOTES:
1. REMOVE DELAMINATED CONCRETE IN THE AREAS MARKED.
 2. REMOVE ALL PROTRUDING EMBEDMENTS PRIOR TO STARTING REPAIR WORK.
 3. WHERE REINFORCEMENT IS EXPOSED, REMOVE CONCRETE AROUND REINFORCING TO A DEPTH OF 1/2" MINIMUM. REMOVE ALL RUST BY WIRE BRUSHING (IF NECESSARY).
 4. CLEAN AREA TO BE REPAIRED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
 5. APPLY A COAT OF SIKA ARMATEC 110 EPOCEM OR APPROVED EQUAL TO REINFORCEMENT BAR PRIOR TO REPAIRING CONCRETE SURFACE.
 6. PATCH VOID REPAIR AREA WITH BASECRETE+PSPW (COLOR TO MATCH EXISTING DECK) OR APPROVED EQUAL TO MATCH ORIGINAL PROFILE OF CONCRETE SHELL. ADJOINING SURFACES SHOULD BE LEVEL AND PLUMB IN ALL DIRECTIONS. APPLICATION AND CURING SHALL BE ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
 7. FOR SPALL REPAIRS THAT ARE DEEPER THAN 1 1/2", APPLY PATCHING MORTAR IN MULTIPLE LIFTS (1 1/2" MAX. EACH LIT) TO RESTORE SURFACE FLUSH WITH ADJACENT CONCRETE.
 8. SPALL REPAIRS QUANTITY = (20) LOCATIONS ASSUMED (60 SQUARE INCHES IN SURFACE AREA EACH SPALL = 1,200 SQUARE INCHES TOTAL AREA, 3 INCH AVERAGE DEPTH = 3,600 CUBIC INCHES TOTAL REPAIR MATERIAL REQUIRED)

3 CONCRETE SPALL REPAIR DETAIL (BASE BID)
SCALE: N.T.S.



2 CHEMICAL CONTROL SCHEMATIC DETAIL (ADD ALTERNATE 5)
SCALE: N.T.S.

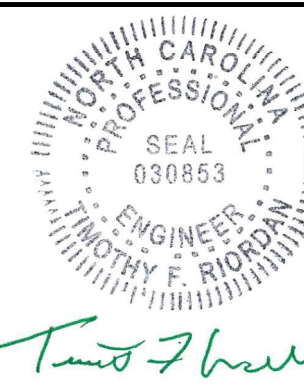


- CRACK REPAIR NOTES:
1. ROUT ALL CRACKS NOT GREATER THAN 1/8" TO A WIDTH OF 1/2" WIDE AND 3/8" DEEP. (ALL CRACKS GREATER THAN 1/2" SHALL BE REPAIRED AS PER SPALL REPAIR).
 2. CLEAN DIRT, OIL, ETC. USING A HIGH PRESSURE WATER BLAST, SCABBLER, OR OTHER APPROPRIATE MECHANICAL MEANS. REMOVE ALL LOOSE MATERIALS.
 3. A SCRUB COAT OF SIKAQUICK VOH/SIKAQUICK VOH LD OR APPROVED EQUAL SHOULD BE APPLIED PRIOR TO SCALING CRACK.
 4. SEAL CRACK WITH BASECRETE+PSPW OR APPROVED EQUAL. APPLICATION AND CURING TO BE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
 5. CRACK REPAIRS QUANTITY = (100) LOCATIONS ASSUMED (10 SQUARE INCHES IN SURFACE AREA EACH CRACK = 1,000 SQUARE INCHES IN TOTAL SURFACE AREA, 2 INCH AVERAGE CRACK DEPTH = 2,000 CUBIC INCHES TOTAL REPAIR MATERIAL REQUIRED)

4 CONCRETE CRACK REPAIR DETAIL (BASE BID)
SCALE: N.T.S.



DENTON STREET POOL
IMPROVEMENTS
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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

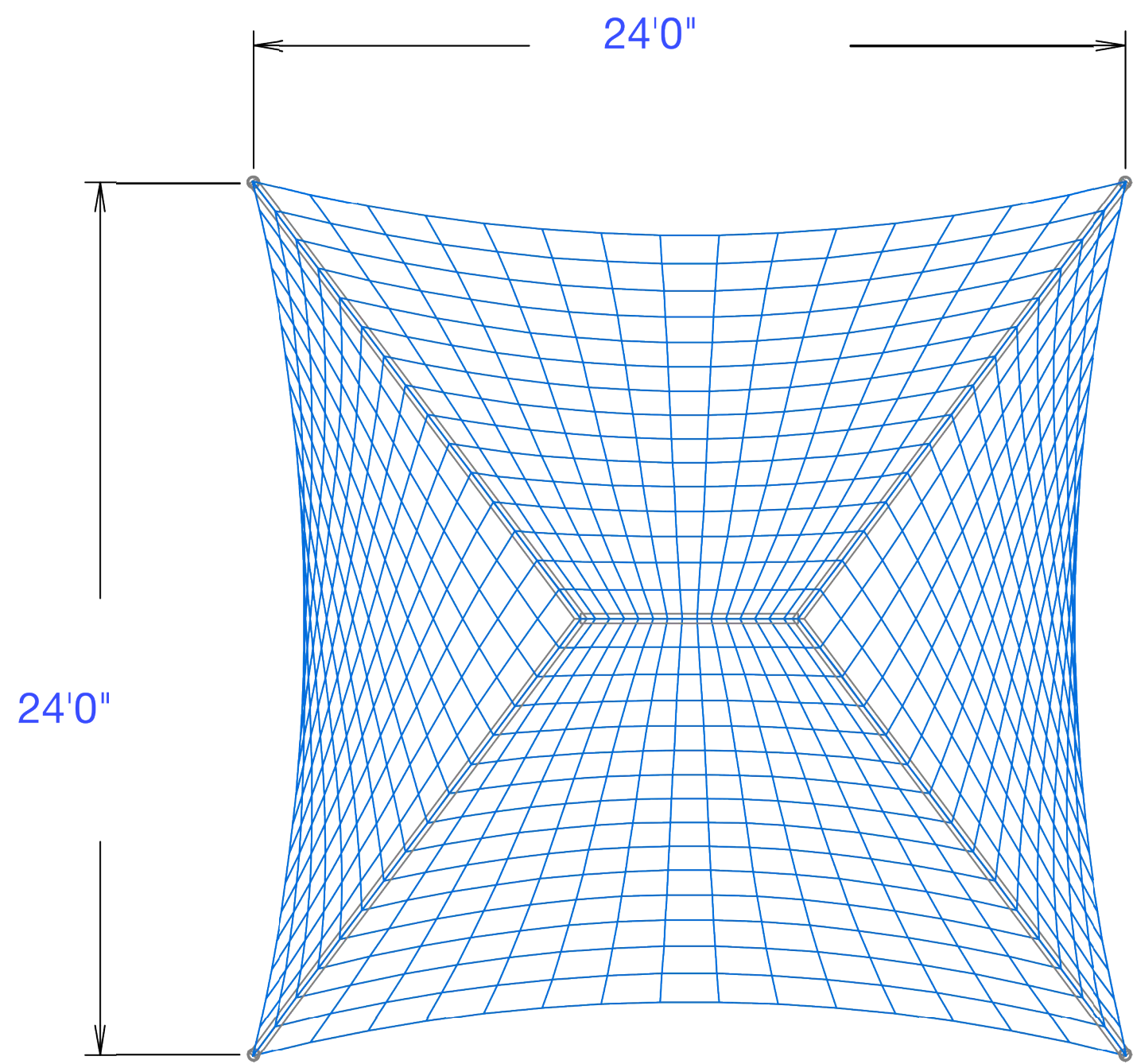
No.	Submitted / Revision	App'd. By	Date
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SWIMMING POOL
DETAILS

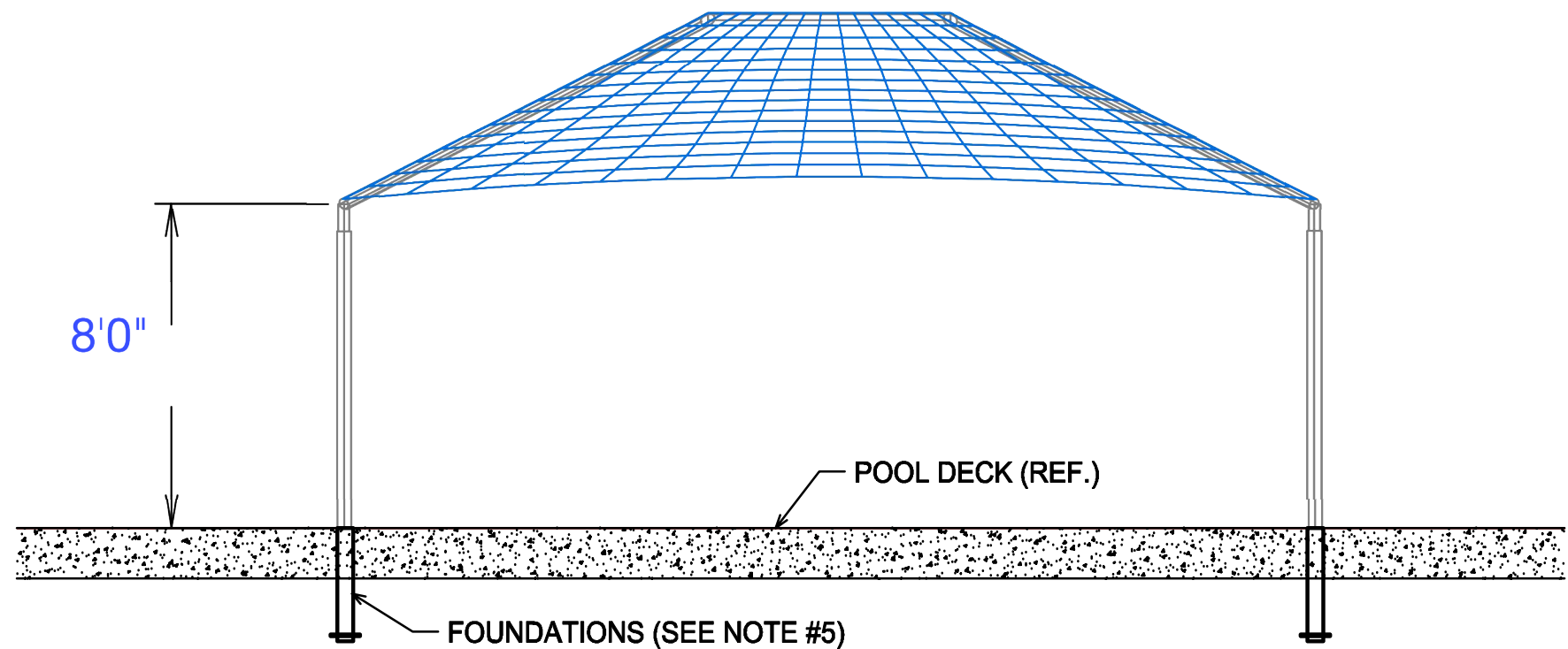
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MDC	MDC	JPH
Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:

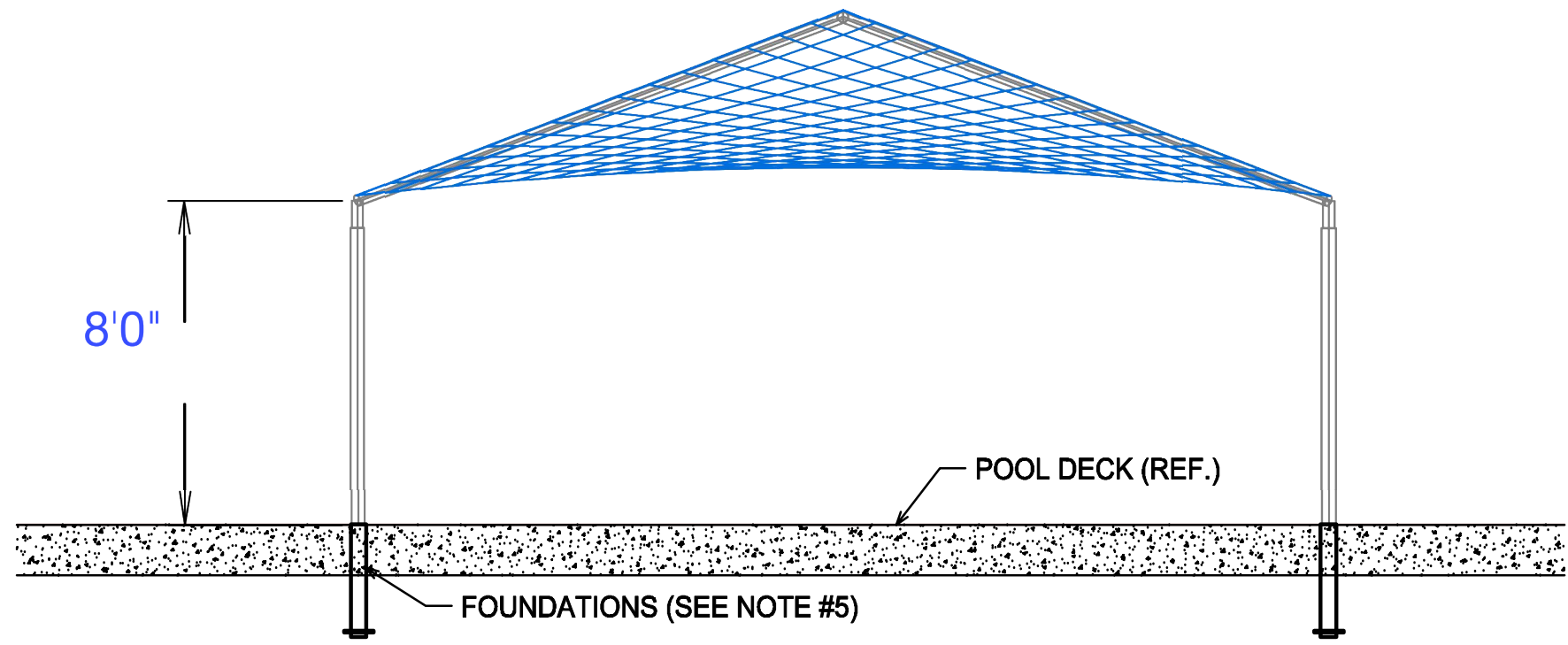
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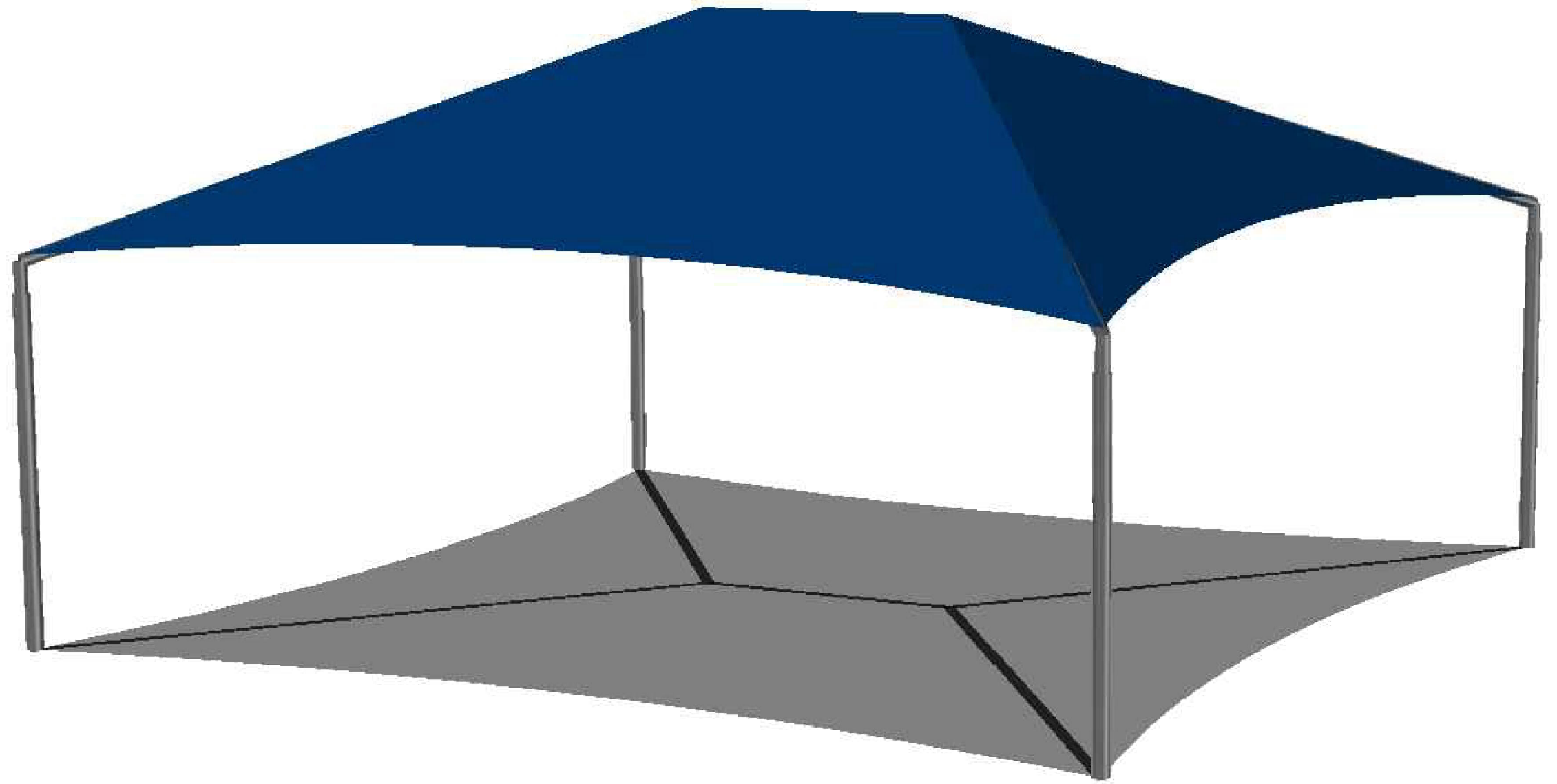
PLAN VIEW



SIDE ELEVATION



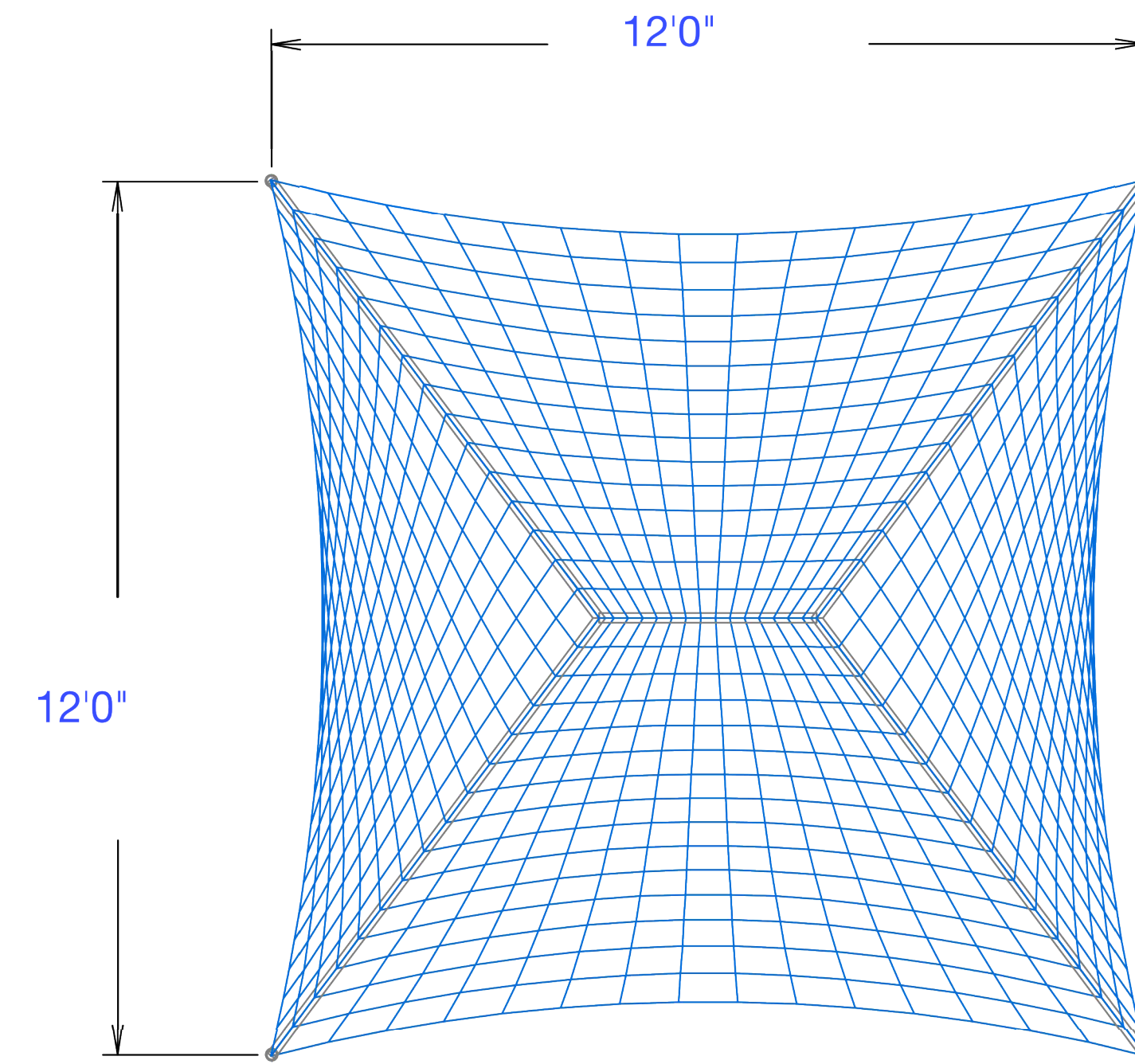
FRONT ELEVATION



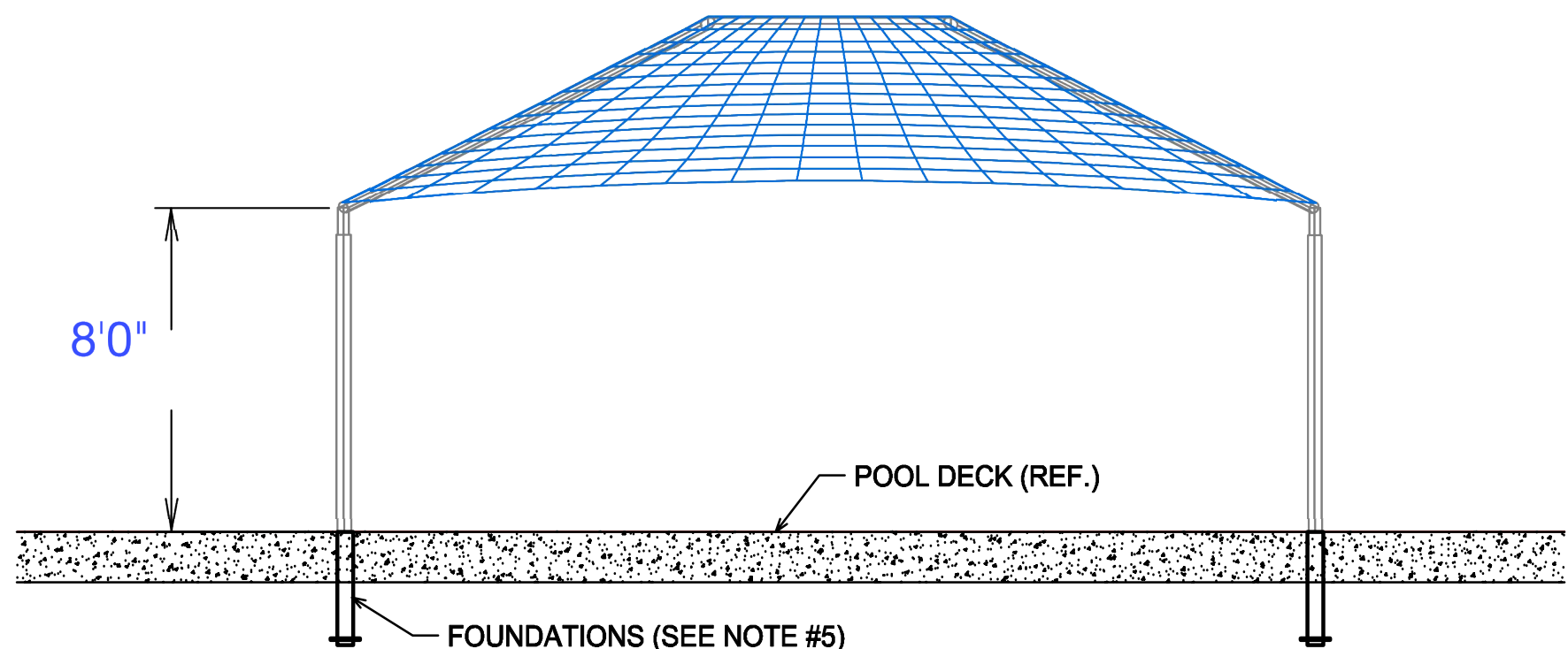
PERSPECTIVE VIEW

- SHADE STRUCTURE NOTES:
1. LARGE SHADE STRUCTURES SHALL BE BID AS ADD ALTERNATE #4.
 2. A QUANTITY OF (1) LARGE SHADE STRUCTURE IS REQUIRED.
 3. SHADE STRUCTURE SHALL BE A 24' x 24' x 8' HIGH 4-POST HIP SHADE STRUCTURE WITH SHADESURE FABRIC AS MANUFACTURED BY USA SHADE & FABRIC STRUCTURES INC. AND SUPPLIED BY NEW WORLD PLAYGROUNDS OR APPROVED EQUAL.
 4. CONTRACTOR SHALL LOCATE SHADE STRUCTURES AS PER THE PROJECT PLANS (IN SAME LOCATIONS AS EXISTING).
 5. ALL ENGINEERING FOUNDATION DESIGN SHALL BE A DELEGATED DESIGN AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR THE SHADE SYSTEM MANUFACTURER. CONTRACTOR SHALL COORDINATE FOUNDATION REQUIREMENTS WITH THE SHADE STRUCTURE MANUFACTURER AND SHALL INCLUDE ALL REQUIRED FOUNDATION SCOPE IN THEIR BID PRICING. SUBMIT PROPOSED FOUNDATION DESIGN FOR RECORD ONLY DURING SHOP DRAWING REVIEW PROCESS. FOUNDATION DESIGN SHALL BE COMPLETED BY A LICENSED STRUCTURAL P.E. PRACTICING IN THE STATE OF NORTH CAROLINA.
 6. FABRIC COLOR SHALL BE SELECTED BY ARCHITECT / OWNER.

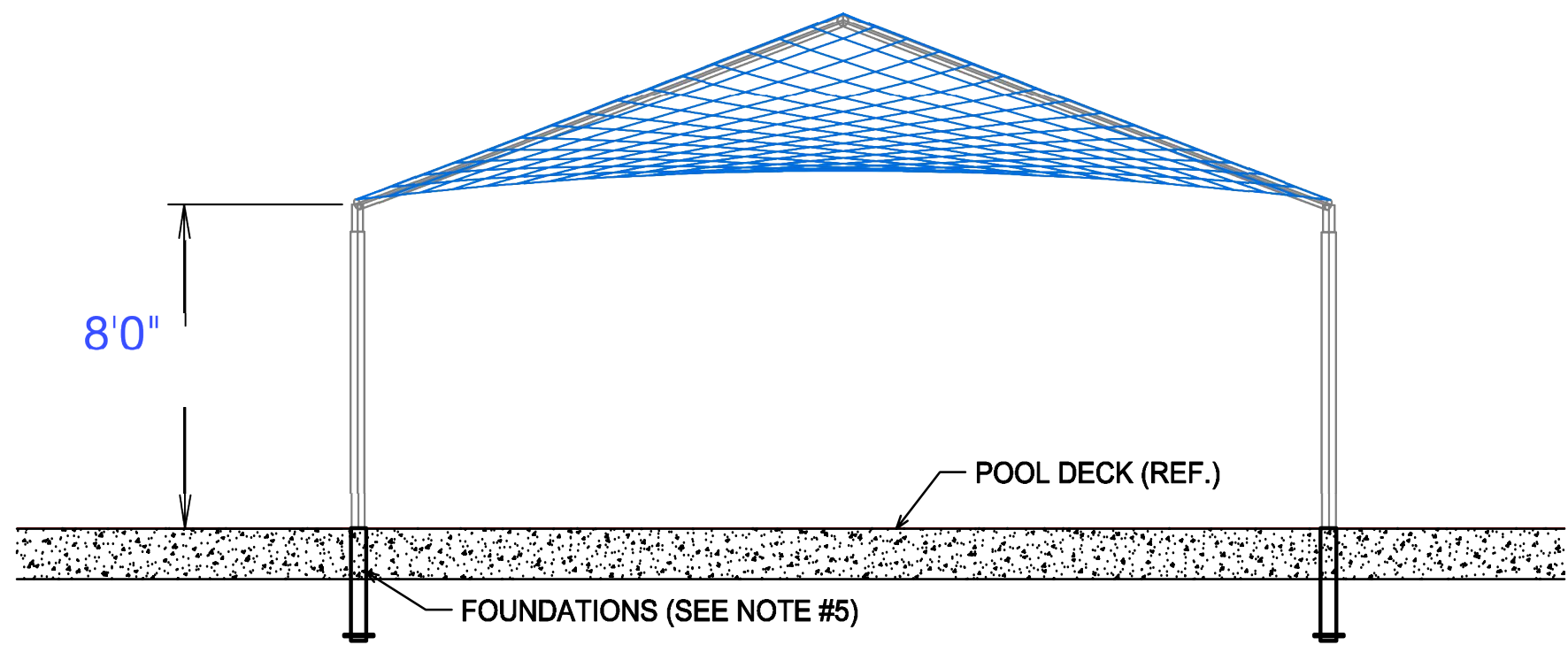
1 LARGE SHADE STRUCTURE REPLACEMENT DETAIL (ADD ALT 4)
SCALE: N.T.S.



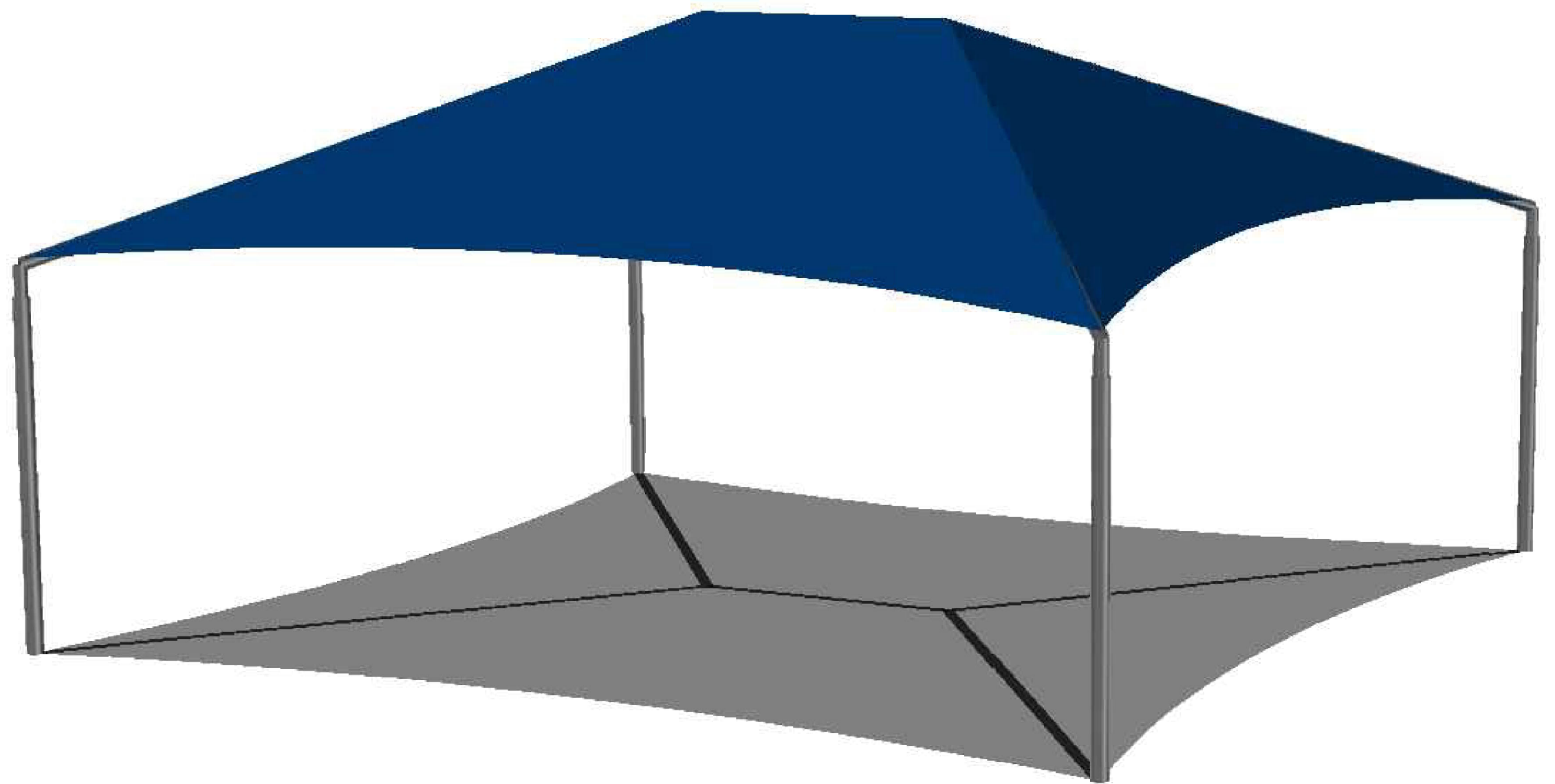
PLAN VIEW



SIDE ELEVATION



FRONT ELEVATION



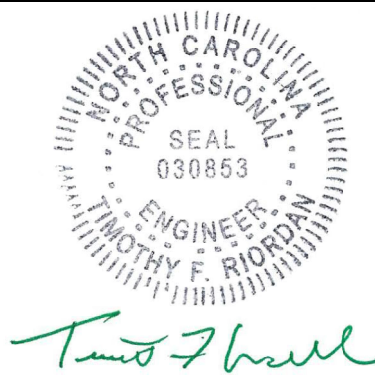
PERSPECTIVE VIEW

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 6. FABRIC COLOR SHALL BE SELECTED BY ARCHITECT / OWNER.

2 SMALL SHADE STRUCTURE REPLACEMENT DETAIL (ADD ALT 4)
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DENTON STREET POOL
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IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submitted / Revision	App'd. By	Date
0	BID/PERMIT SET	TR MC	3/4/22

SWIMMING POOL
DETAILS

Designed By:	Drawn By:	Checked By:
MDC	MDC	JPH
Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED

Drawing No.:
SP-812

File: \\CHA-LFP-COM\PROJ\PROJECTS\ANY\63994.000\09_DESIGN\DRAWINGS\01_SHEETS\M-001 - LEGENDS, ABBREVIATIONS & SYMBOLS.DWG
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ABBREVIATIONS

AC	ALTERNATING CURRENT
BHP	BRAKE HORSEPOWER
BOD	BOTTOM OF DUCT
CAP	CAPACITY
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CL	CENTER LINE
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION
ESP	EXTERNAL STATIC PRESSURE
FLA	FULL LOAD AMPS
FLR	FLOOR
FO	FLAT OVAL
FT	FOOT/FEET
HP	HORSEPOWER
HZ	HERTZ
IN	INCHES
IN WG	INCHES WATER GAUGE
MCA	MINIMUM CIRCUIT AMPS
MIN	MINIMUM
MIN SP	MINIMUM STATIC PRESSURE
MTG. HGT.	MOUNTING HEIGHT
NTS	NOT TO SCALE
OA	OUTSIDE AIR
PD	PRESSURE DROP
PH	PHASE
PSI	POUNDS PER SQUARE INCH
PSIG	POUND-FORCE PER SQUARE INCH GAUGE
RPM	REVOLUTIONS PER MINUTE
SP	STATIC PRESSURE
SQ FT	SQUARE FEET
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VOLT	VOLTAGE
W	WATT
WG	WATER GAGE
WT	WATER TEMPERATURE
&	AND
#	NUMBER

DUCTWORK SYMBOLS

	DUCT SIZE, (WxH)
	INDICATES DUCT LINER USED; INTERIOR DIMENSIONS
	RETURN/EXHAUST DUCT UP
	RETURN/EXHAUST DUCT DOWN
	RETURN/EXHAUST DUCT SECTION, FIRST FIGURE IS TOP
	FLEXIBLE DUCT CONNECTION
	FLEXIBLE DUCT, MAXIMUM LENGTH 4'
	CONNECT NEW TO EXISTING
	POINT OF DISCONNECTION
	AIR FLOW

DUCTWORK LINE WEIGHTS

	DUCTWORK TO BE DEMOLISHED OR REMOVED (SIZE AS INDICATED)
	EXISTING DUCTWORK TO REMAIN (SIZE AS INDICATED)
	PROPOSED DUCTWORK (SIZE AS INDICATED)

CONTROL SYMBOLS

	TEMPERATURE SENSOR (MOUNT AT 48" AFF)
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DUCTWORK FITTING STANDARDS

THE FOLLOWING INDICATE THE STANDARD FOR DUCTWORK FITTINGS REQUIRED FOR THIS PROJECT.

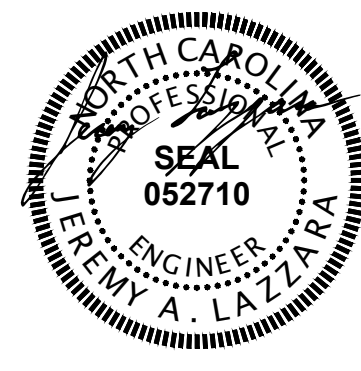
ACCEPTABLE	NOT ACCEPTABLE
 SMOOTH RADIUS ELBOWS W/ R/D>1.5	 MITERED ELBOWS (SUPPLY)
 SMOOTH RADIUS ELBOWS W/ R/D>.75 WITH FULL RADIUS SPLITTER VANE	 MITERED ELBOWS W/ VANES
 RECTANGULAR THROAT W/ RADIUS HEEL	 WYE W/ TURNING VANES W/ OR W/OUT DIVIDER
 MITERED ELBOWS (TRANSFER DUCT ONLY)	 SMOOTH RADIUS ELBOWS W/ R/D<1.5
 OFFSET W/ ANGLE <30°	 ELBOWS Z-SHAPED (SUPPLY ONLY)
 SMOOTH RADIUS WYE W/ R/D>1.5	 RECTANGULAR WYE W/ OR W/OUT DIVIDER
 WYE W/ ANGLE <90°	 BELLMOUTH FITTINGS
 TRANSITION WYE ANGLE <30°	 SPIN-IN FITTINGS
 TEE W/ 45° ENTRY BRANCH TO MAIN	 STRAIGHT TEES
 CONICAL TEES	 DOUBLE TEE WITH BRANCH ANGLE <45°
 TEE WITH BRANCH ANGLE <45°	
 DOUBLE TEE W/ 45° ENTRY BRANCH TO MAIN	

EXHAUST FAN SCHEDULE

TAG	LOCATION	SERVICE	TYPE	CFM	TSP (IN WG)	BHP	FAN MOTOR DATA				MANUFACTURER & MODEL#	REMARKS
							RPM	HP(W)	VOLT	PH		
EF-1	POOL MECHANICAL ROOM	POOL MECHANICAL ROOM	INLINE	250	0.25	0.05	1040	(36)	115	1	GREENHECK CSP-A390-VG	
EF-2	CHEMICAL ROOM	CHEMICAL ROOM	INLINE	85	0.28	0.02	1550	1/20	115	1	GREENHECK SQ-60-D	



DENTON STREET POOL
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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submittal / Revision	App'd. By	Date
0	BID/PERMIT SET		3/4/22

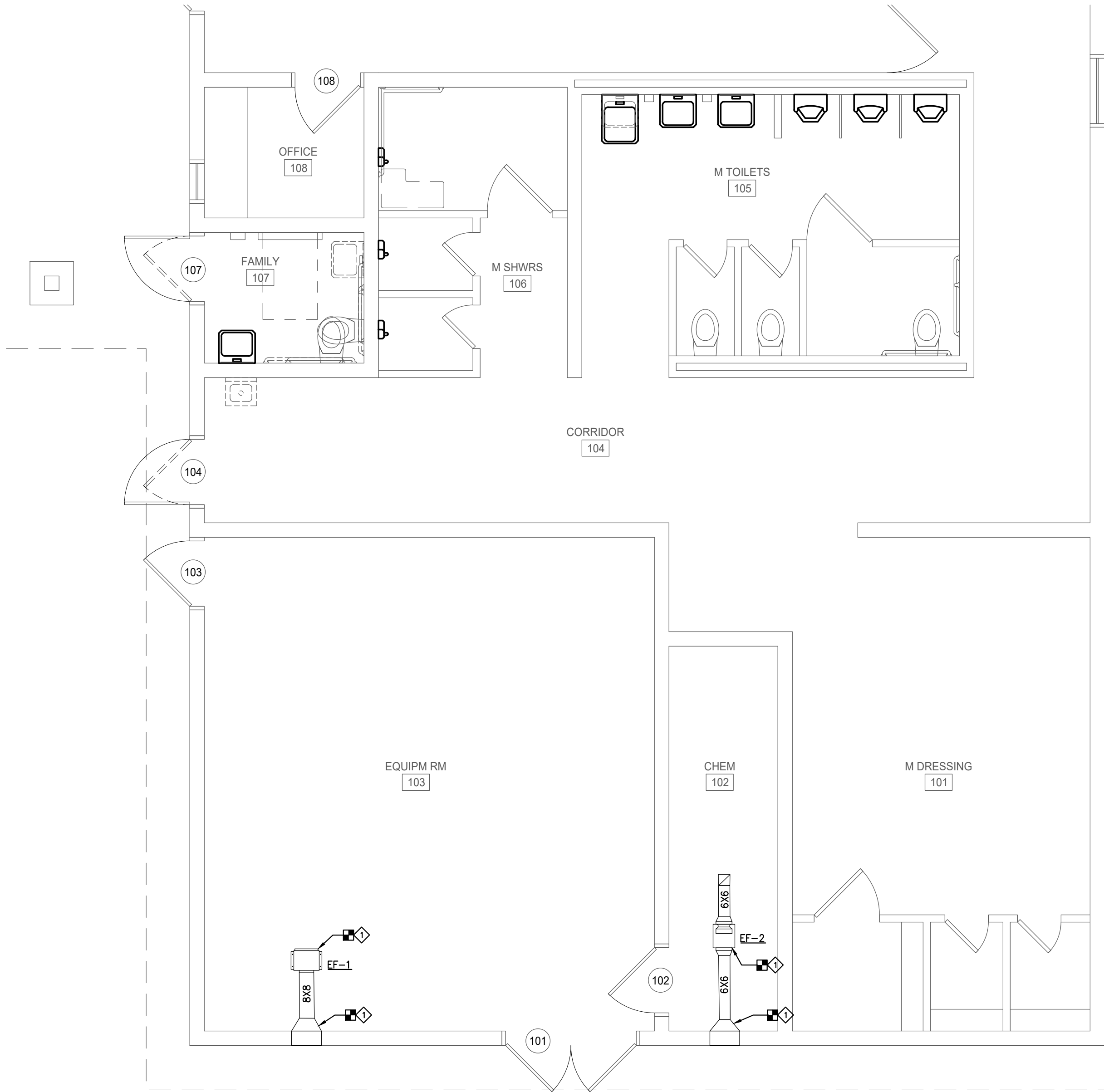
LEGENDS,
ABBREVIATIONS,
SYMBOLS &
SCHEDULE

Designed By: PM	Drawn By: PM	Checked By: JL
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

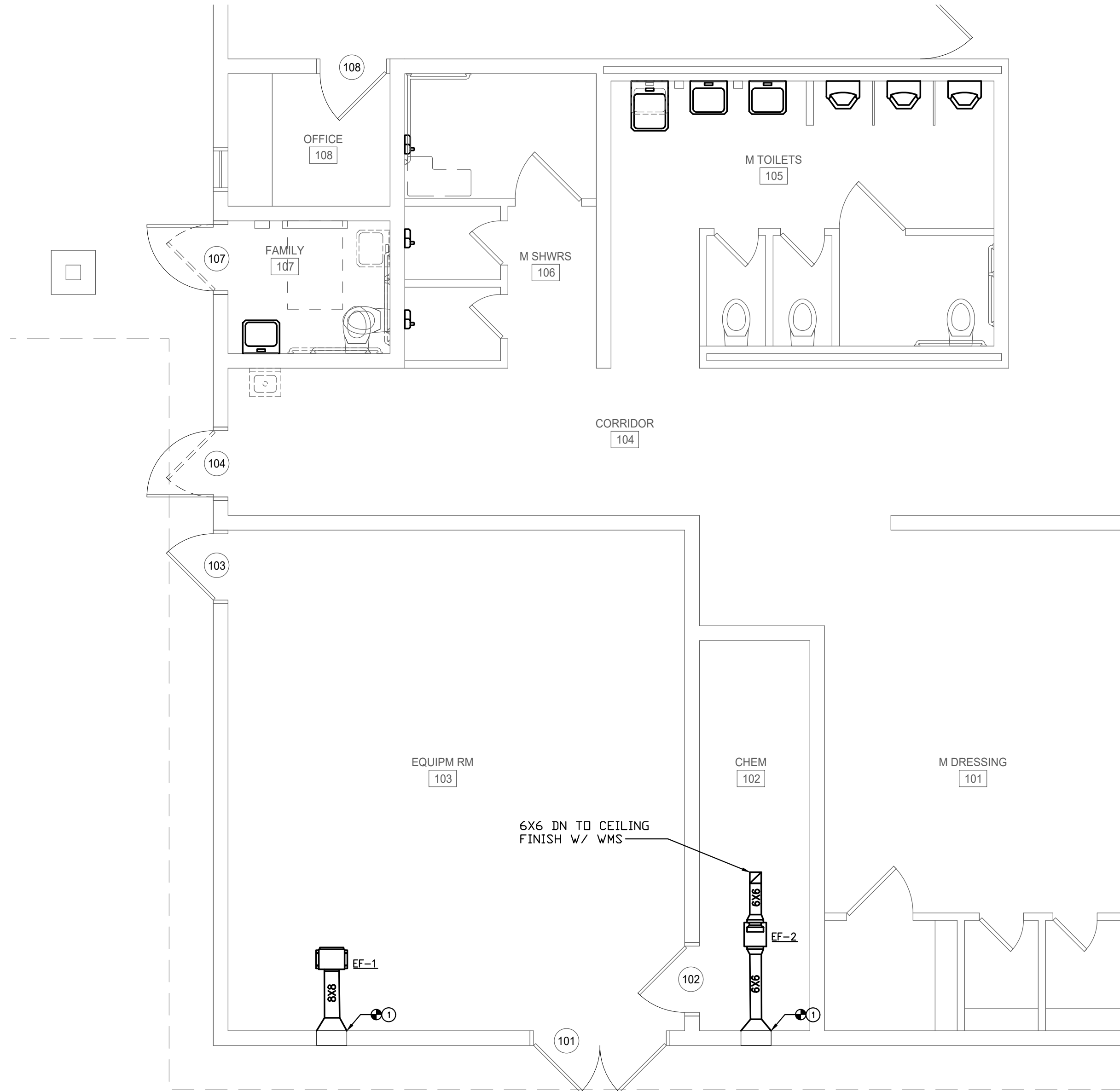
Drawing No.:

M-001

File: \\CHA-LP-COM\PROJ\PROJECTS\ANY\63994.000\09_DESIGN\DRAWINGS\01_SHEETS\M-101- SWIMMING POOL MECHANICAL & CHEMICAL ROOM PLAN.DWG
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1 SWIMMING POOL MECHANICAL REMOVALS PLAN
SCALE: 1/4" = 1'-0"



2 SWIMMING POOL MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

CODING NOTES

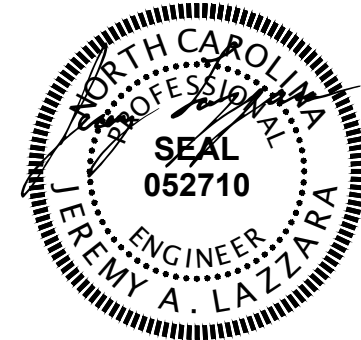
- 1 REMOVE EXISTING EXHAUST FANS WITH ASSOCIATED EXISTING DUCTWORK AND ACCESSORIES.

CODING NOTES

- 1 CONNECT TO EXISTING LOUVER



DENTON STREET POOL
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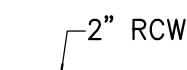
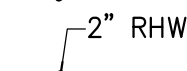
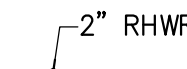
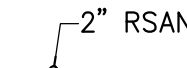
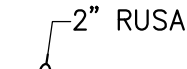
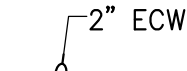
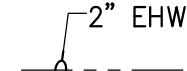
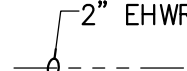
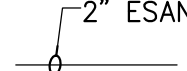
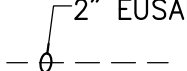
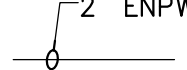
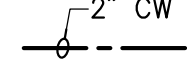
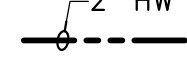
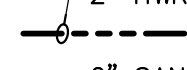
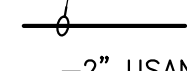
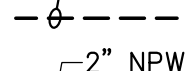
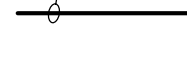
SWIMMING POOL
MECHANICAL ROOM
PLAN

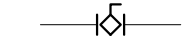
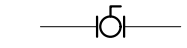
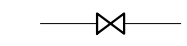
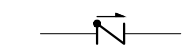
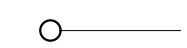
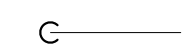
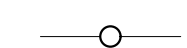
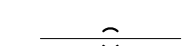
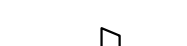








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Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:

M-101

ABBREVIATIONS	
ABS	ABSOLUTE
AC	ALTERNATING CURRENT
AFF	ABOVE FINISH FLOOR
AP	ACCESS PANEL
BOP	BOTTOM OF PIPE
CLG	CEILING
CL	CENTER LINE
C _v	COEFFICIENT, VALVE FLOW
DN	DOWN
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION
EWT	ENTERING WATER TEMPERATURE
FF	FINISH FLOOR
FLA	FULL LOAD AMPS
FLR	FLOOR
GA	GAUGE or GAGE
GAL	GALLON
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HTHW	HIGH TEMPERATURE HOT WATER
IN	INCH
IN WG	INCHES WATER GAUGE
LAV	LAVATORY
LTHW	LOW TEMPERATURE HOT WATER
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	BTU PER HOUR (THOUSAND)
MCA	MINIMUM CIRCUIT AMPS
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
MTG. HGT.	MOUNTING HEIGHT
PD	PRESSURE DROP
PH	PHASE
PSIG	POUNDS PER SQUARE INCH GAUGE
UR	URINAL
VOLT	VOLTAGE
W	WATT
WC	WATER CLOSET
WG	WATER GAGE
W.P.D.	WATER PRESSURE DROP
°F	DEGREES FAHRENHEIT
&	AND
#	NUMBER

	2" RCW	REMOVE COLD WATER PIPING (SIZE AS INDICATED)
	2" RHW	REMOVE HOT WATER PIPING (SIZE AS INDICATED)
	2" RHWR	REMOVE HOT WATER RETURN PIPING (SIZE AS INDICATED)
	2" RSAN	REMOVE SANITARY PIPING (SIZE AS INDICATED)
	2" RUSAN	REMOVE UNDERSLAB SANITARY PIPING (SIZE AS INDICATED)
	2" ECW	EXISTING COLD WATER PIPING (SIZE AS INDICATED)
	2" EHW	EXISTING HOT WATER PIPING (SIZE AS INDICATED)
	2" EHWR	EXISTING HOT WATER RETURN PIPING (SIZE AS INDICATED)
	2" ESAN	EXISTING SANITARY PIPING (SIZE AS INDICATED)
	2" EUSAN	EXISTING UNDERSLAB SANITARY PIPING (SIZE AS INDICATED)
	2" ENPW	EXISTING NON-POTABLE WATER PIPING (SIZE AS INDICATED)
	2" CW	COLD WATER PIPING (SIZE AS INDICATED)
	2" HW	HOT WATER PIPING (SIZE AS INDICATED)
	2" HWR	HOT WATER RETURN PIPING (SIZE AS INDICATED)
	2" SAN	SANITARY PIPING (SIZE AS INDICATED)
	2" USAN	UNDERSLAB SANITARY PIPING (SIZE AS INDICATED)
	2" NPW	NON-POTABLE WATER PIPNG (SIZE AS INDICATED)

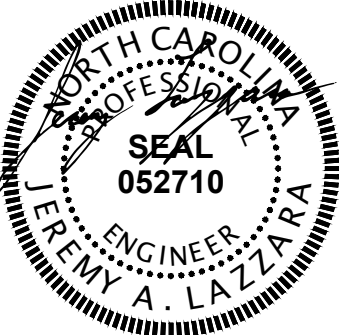
SYMBOLS	
	BALANCING VALVE
	BALL VALVE
	GATE VALVE
	SWING CHECK VALVE
	PIPE TURNING UP
	PIPE TURNING DOWN
	PIPE BRANCH UP
	PIPE BRANCH DOWN
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	PIPE CAP
	PIPE PLUG
	PIPE BREAK
	UNION
	MANUAL AIR VENT
	CONNECT NEW TO EXISTING
	POINT OF DISCONNECTION

ELECTRIC WATER HEATER SCHEDULE									
TAG	TYPE	GALLONS	KW	GPH	RISE	ELECTRICAL DATA			REMARKS
						VOLT	PH	FLA	
EHWH-1	ELECTRIC	120	4.5	36	100	208	1	43	RHEEM/ ELD120-TB ADD ALT #3
EHWH-2	ELECTRIC	120	4.5	36	100	208	1	43	RHEEM/ ELD120-TB ADD ALT #3

PLUMBING FIXTURE SCHEDULE									
TAG	ITEM	MANUFACTURER & MODEL	WASTE	VENT	CW	HW	FITTINGS/ACCESSORIES OR DESIGN DATA	ITEM DESCRIPTION	
HWC	FLOOR MOUNTED FLOOR OUTLET HANDICAP WATER CLOSET	AMERICAN STANDARD MADERA # 2305.100	3"	2"	1"	NA	SLOAN ROYAL LC-111-1.6 FLUSHVALVE OLSONITE # 95C SEAT	VITREOUS CHINA, WATER SAVER, SIPHON JET ACTION, ELONGATED BOWL, MEETS ANSI A112.19.2M. MEETS ADA REQUIREMENTS	
HLAV	WALL-HUNG HANDICAP LAVATORY	AMERICAN STANDARD COMRAD #0124.131	1-1/4"	1-1/4"	1/2"	1/2"	CHICAGO FAUCET #802-665ABCP METERING FAUCET AND GRID STRAINER ASSEMBLY	VITREOUS CHINA, REAR OVERFLOW WITH STRAINER PROVIDE OFFSET TRAP AND MOUNT TO ADA GUIDELINES	
FAU	LAVATORY FAUCET	CHICAGO FAUCET #802-665ABCP	-	-	1/2"	1/2"	PROVIDE WITH METERING CARTRIDGE AND ACTUATOR	METERING FAUCET, 4" CENTERS, VANDAL PROOF PUSH HANDLES, PRESSURE COMPENSATING AERATOR	
SH	SURFACE MOUNTED SHOWER SYSTEM	SYMMONS HYDAPIPE #1-901	-	-	1/2"	1/2"	PROVIDE WITH PRESSURE BALANCE AND METERING SHOWER VALVE, FRE-FLO ALL BRASS BALL JOINT ADJUSTABLE SPRAY SHOWER HEAD, 1.5 GPM FLOW RESTRICTOR	HYDAPIPE SHOWER SYSTEM WITH 18 GAUGE STEEL SHROUD	
DF	DRINKING FOUNTAIN	ELKAY VRCTLR8WSK	1-1/2"	1-1/4"	1/2"	-	NA	BI-LEVEL SELF CONTAINED WALL HUNG ELECTRIC WATER COOLER WITH BOTTLE FILLER, SELF CLOSING TOUCH CONTROLS, AND STAINLESS STEEL FINISH	



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



NCBLES # F-1165

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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

No.	Submittal / Revision	App'd.	By	Date
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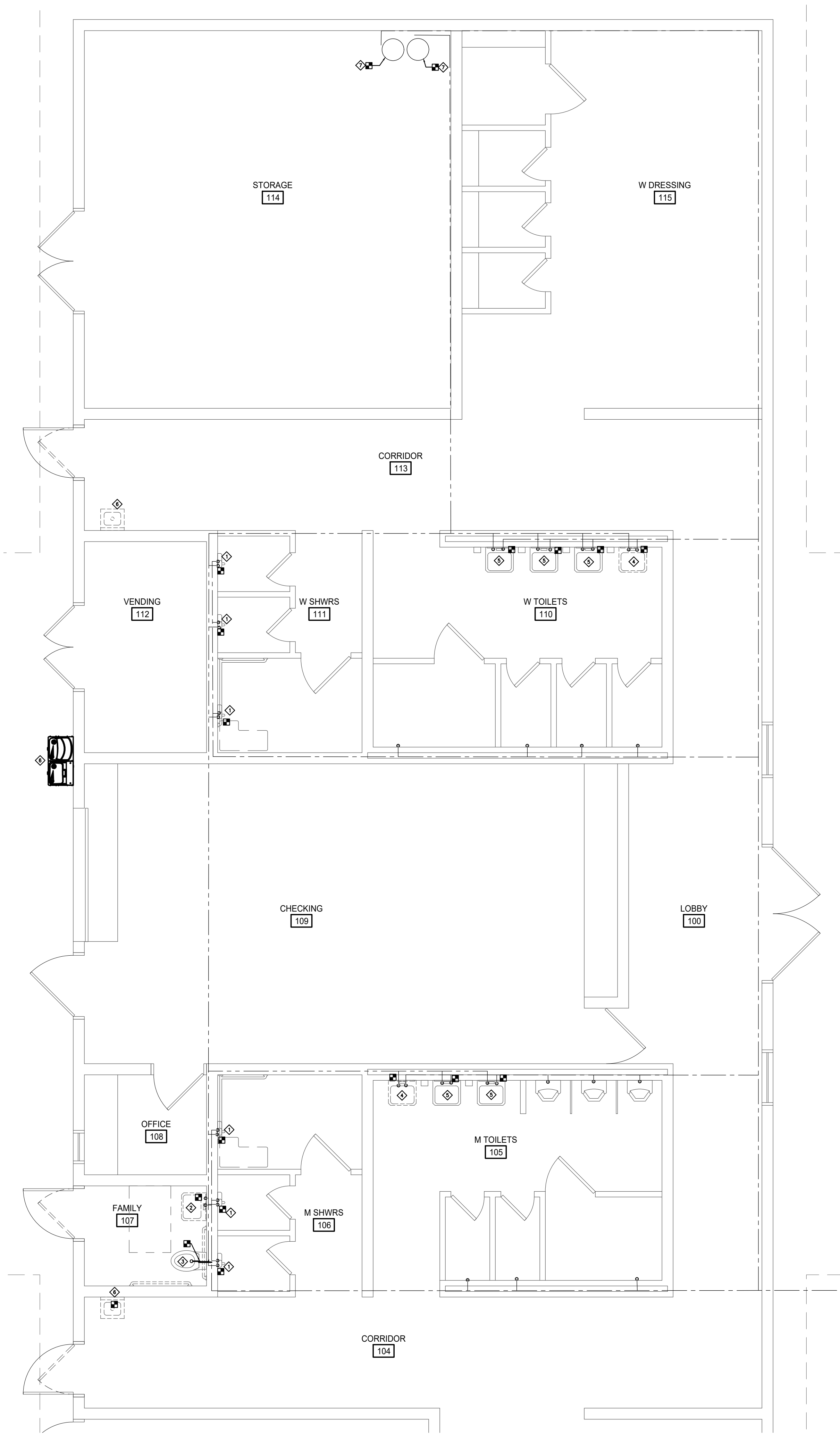
LEGENDS,
ABBREVIATIONS ,
SYMBOLS &
SCHEDULE

Designed By: PM	Drawn By: PM	Checked By: JL
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:

P-001

File: \\CHA-LP-COM\PROJ\PROJECTS\ANY\63994.000\09_DESIGN\DRAWINGS\01_SHEETS\PD-101 - PLUMBING REMOVAL PLAN.DWG
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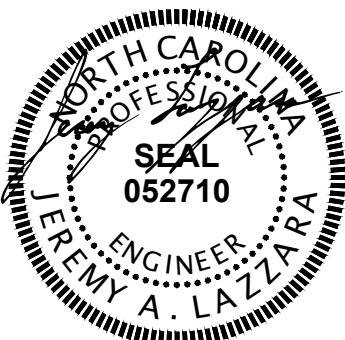
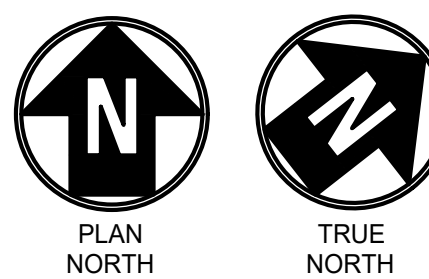
1 BATH HOUSE PLUMBING REMOVALS PLAN
- SCALE: 1/4" = 1'-0"

CODED NOTES

- 1 DISCONNECT AND REMOVE EXISTING SHOWER VALVE
- 2 DISCONNECT AND REMOVE EXISTING LAV. CAP. EXISTING SAN PIPING FLUSH WITH WALL.
- 3 DISCONNECT AND REMOVE EXISTING WATER CLOSET
- 4 DISCONNECT AND REMOVE EXISTING LAV
- 5 DISCONNECT AND REMOVE EXISTING LAVATORY FAUCET
- 6 REMOVE EXISTING DRINKING FOUNTAIN. PREPARE CW, SAN AND VENT PIPING FOR FUTURE CONNECTION.
- 7 DISCONNECT AND REMOVE EXISTING WATER HEATER. PREPARE PIPING FOR RECONNECTION - ADD ALT #3



DENTON STREET POOL
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DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

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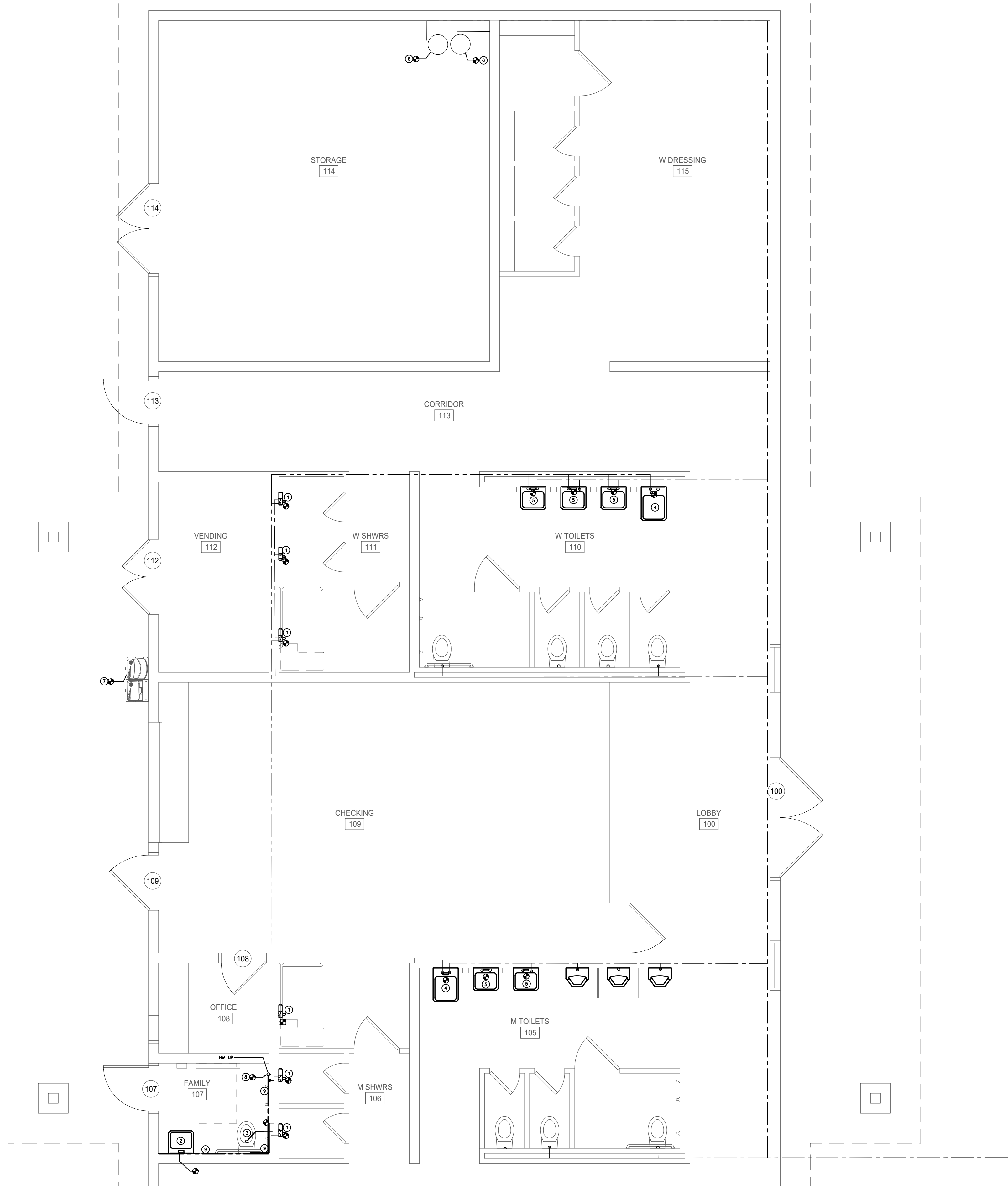
**PLUMBING
REMOVALS PLAN**

Designed By: PM	Drawn By: PM	Checked By: JL
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:

PD-101

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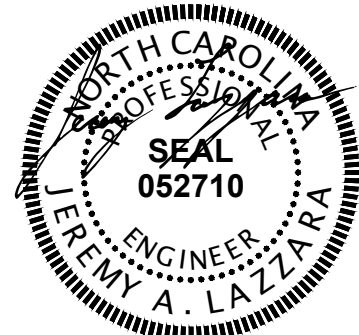
1 BATH HOUSE PLUMBING PLAN
- SCALE: 1/4" = 1'-0"

CODED NOTES

- 1 PROVIDE SHOWER VALVE, SYMMONS HYDAPIPE 900 OR EQUAL. CONNECT TO EXISTING CW AND HW.
- 2 PROVIDE LAV. CONNECT TO EXISTING CW, SAN AND VENT IN WALL PREVIOUSLY SERVING REMOVED DRINKING FOUNTAIN. ROUTE HW PIPING AND CONNECT TO EXISTING HW PIPING PREVIOUSLY SERVING REMOVED LAV.
- 3 PROVIDE WC. SAWCUT FLOOR AND CONNECT SAN TO EXISTING SAN. ROUTE CW PIPING AND CONNECT TO EXISTING CW PIPING.
- 4 PROVIDE HLAV, CONNECT TO EXISTING CW, HW AND SAN
- 5 PROVIDE METERING TYPE LAVATORY FAUCET, CONNECT TO EXISTING CW AND HW
- 6 PROVIDE HOT WATER HEATER EHW-1 AND EHW-2. CONNECT TO EXISTING CW AND HW PIPING - ADD ALT #3
- 7 PROVIDE DF, CONNECT TO EXISTING CW, AND SAN
- 8 CONNECT TO EXISTING HW PIPING AND ROUTE UP TOP OF WALL.
- 9 PROVIDE PIPING INSULATION TO EXPOSED HW AND CW PIPING.



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IMPROVEMENTS
CITY OF ROCKY MOUNT,
NC

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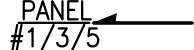

PLUMBING PLAN







Designed By:	Drawn By:	Checked By:
PM	PM	JL
Issue Date:	Project No:	Scale:
3/4/2022	63994	AS NOTED




Drawing No.:

P-101

ELECTRICAL ABBREVIATIONS	
A	AMPERE
AEL	AMERICAN ELECTRIC LIGHTING
AF	AMPERE FRAME AND AMPERE FUSE
AIC	AMPERE INTERRUPTING CAPACITY
AT	AMPERE TRIP
AWG	AMERICAN WIRE GAUGE
BCW	BARE COPPER WIRE
C	CONDUIT
CB	CIRCUIT BREAKER
CU	COPPER
DCWP	DOMESTIC COLD WATER PUMP
DWH	DOMESTIC WATER HEATER
DWG	DRAWING
EEM	ENERGY EFFICIENCY MEASURE
ELEC	ELECTRIC(AL)
ETR	EXISTING TO REMAIN
EQUIP	EQUIPMENT
F	FUSE(D)
FLA	FULL LOAD AMPS
G, GND	GROUND
GE	GENERAL ELECTRIC
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HD	HEAVY DUTY
HP	HORSEPOWER
ID	IDENTIFY, IDENTIFICATION
J-BOX	JUNCTION BOX
KCM/kcmil	THOUSAND CIRCULAR MILS
kVA	KILO VOLT AMPERE
KW	KILOWATT
LFMC	LIQUID-TIGHT FLEXIBLE METAL CONDUIT
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OVER CURRENT PROTECTION
N	NEUTRAL
NEC	NATIONAL ELECTRICAL CODE
No/#	NUMBER
NTS	NOT TO SCALE
OCC	OCCUPANCY SENSOR
PRI	PRIMARY
PWR	POWER
ø	PHASE
PT	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
RMC	RIGID METAL CONDUIT
RLA	RUNNING LOAD AMPS
SEC	SECONDARY
SSRV	SOLID STATE REDUCED VOLTAGE
SSCD	SCHEDULE
SSOL	SOLID STATE OVERLOAD
T - TRANS	TRANSFORMER
TYO	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLT, VOLTS
VA	VOLT-AMPERES
W	WATT, WIRE
W/	WITH
WP	WEATHERPROOF
WSHP	WATER SOURCE HEAT PUMP

RACEWAYS	
	CONDUIT ABOVE GROUND EXPOSED IN UNFINISHED SPACE AND CONCEALED IN FINISHED ROOMS MINIMUM CONDUIT SHALL BE 1/2 INCH TRADE SIZE AND MINIMUM WIRE SIZE SHALL BE #12 AWG. TYPICAL ALL INSTALLATIONS. NOTES: WHERE LARGER SIZE WIRES ARE CALLED FOR TO LIMIT VOLTAGE DROP, PROVIDE SIZE AS NOTED TO LAST DEVICE OR FIXTURE ON THE CIRCUIT. PROVIDE EQUIPMENT GROUNDING CONDUCTOR IN EACH AND EVERY CONDUIT INSTALLED. DO NOT SHARE NEUTRAL CONDUCTORS. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR ALL 120 VOLT AND 277 VOLT SINGLE PHASE BRANCH CIRCUITS.
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	HOMERUN BACK TO PANEL (PANEL AND CIRCUITS INDICATED) STRAIGHT LINE OR CURVE LINE WITH ARROWHEAD INDICATES HOMERUN TO PANEL OR SWITCHBOARD AS NOTED. TOP LINE IDENTIFIES PANEL OR SWITCHBOARD. BOTTOM LINE NUMBER IF LISTED IDENTIFIES SOURCE CIRCUIT BREAKER. PROVIDE TYPES OF CIRCUITRY AS NOTED BELOW: # ONE 120 VOLT SINGLE PHASE CIRCUIT ## TWO 120 VOLT SINGLE PHASE CIRCUITS ### THREE 120 VOLT SINGLE PHASE CIRCUITS ##/ ONE 208 VOLT SINGLE PHASE CIRCUIT ##/## ONE 208 VOLT THREE PHASE CIRCUIT NOTE: FOR CLARITY, CIRCUITRY SHOWN ON PLANS INDICATES A SEPARATE HOMERUN. MULTIPLE HOMERUNS MAY BE COMBINED IN A SINGLE CONDUIT SUBJECT TO COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF 2020 NATIONAL ELECTRICAL CODE.
	CIRCUIT CONTINUED OR CONNECTED TO EQUIPMENT AS INDICATED

DEVICES AND APPURTENANCES	
	20 AMP, 120 VOLT, SPECIFICATION GRADE, DUPLEX RECEPTACLE WITH INTEGRAL GROUND FAULT CIRCUIT INTERRUPTER - SUBSCRIPT WP PROVIDE DEVICE IN WEATHERPROOF BOX WITH WEATHERPROOF COVER
	JUNCTION BOX - SUBSCRIPT PB INDICATES PULL BOX. SIZE PER NEC AND NEMA RATING AS REQUIRED BY INSTALLED CONDITIONS.
	LIGHT SWITCH, 20A, 120-277V, TOGGLE TYPE, SINGLE POLE. SUBSCRIPT "a" INDICATES SWITCH CONTROL LEG.
	LIGHT SWITCH, 3-WAY, 20A, 120-277V, TOGGLE TYPE.
POWER DISTRIBUTION EQUIPMENT	
	SURFACE MOUNTED BRANCH CIRCUIT PANELBOARD 208/120V, 3ø, 4W, UON
	EXISTING PANELBOARD OR SWITCHBOARD

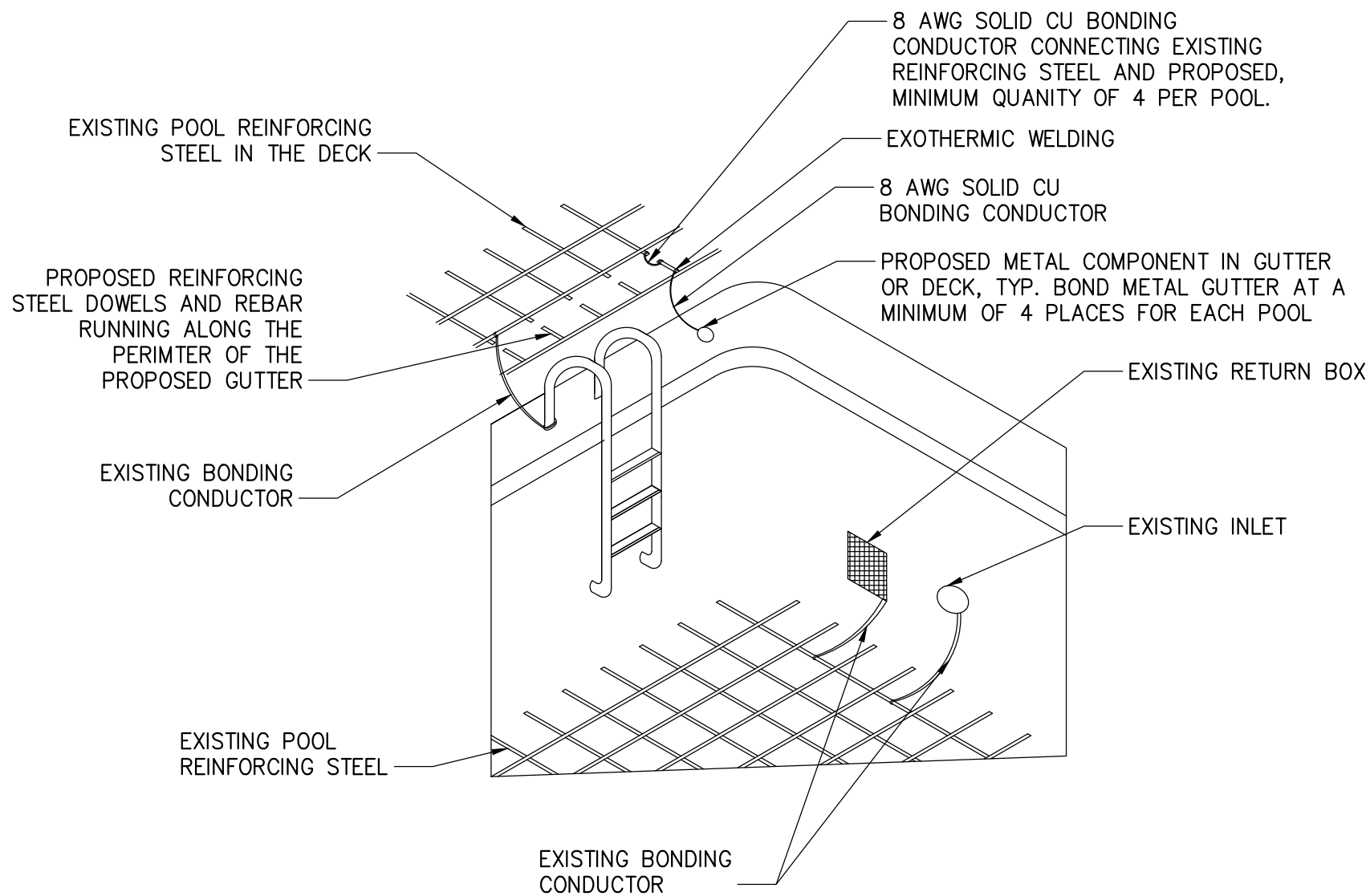
GENERAL	
	NUMBER IN CIRCLE, WITH OR WITHOUT ARROW OR LEADER, REFER TO MATCHING NUMBERED CODED NOTE
	NUMBER IN DIAMOND, WITH OR WITHOUT ARROW OR LEADER; REFER TO THE DEMOLITION CODED NOTE WITH THE MATCHING NUMBER
	DETAIL CALLOUTS

GENERAL DEMOLITION NOTES:

- ALL DEMOLITION INFORMATION SHOWN IS FOR REFERENCE ONLY. DEMOLITION PLANS ARE DIAGRAMMATIC IN NATURE AND DO NOT DEPICT ENTIRE DEMOLITION SCOPE. THE CONTRACTOR IS HEREBY ADVISED THAT THESE DRAWINGS MAY NOT LOCATE ALL EXISTING WRING DEVICES AND/OR EQUIPMENT WHICH MUST BE REMOVED, REWORKED OR RELOCATED ETC, TO ACCOMMODATE THE DEMOLITION WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE TO ASCERTAIN THE DEMOLITION SCOPE.
- THE EXISTING CIRCUITING, ELECTRICAL EQUIPMENT LOCATIONS, AND ELECTRICAL DEVICE LOCATIONS DEPICTED ON THESE DRAWINGS ARE BASED ON CASUAL FIELD SURVEY AND DO NOT FULLY CAPTURE EXISTING AS-BUILT CONDITIONS. EXACT CIRCUITING, DEVICE AND EQUIPMENT LOCATIONS COULD NOT BE FULLY FIELD VERIFIED AT THE TIME OF SURVEY. THE CONTRACTOR SHALL PERFORM CIRCUIT TRACING AND FIELD VERIFY ALL CIRCUITING WITHIN THE SCOPE OF WORK PRIOR TO THE COMMENCEMENT OF DEMOLITION WORK.
- WHERE A PORTION OF A CIRCUIT'S LOAD THAT IS SCHEDULED OR INDICATED TO BE REMOVED, REMOVE ONLY THAT PORTION ASSOCIATED WITH THE DEMOLISHED DEVICE TO A POINT WHERE THE REMAINING LOAD IS ACTIVE; THE REMAINING LOAD SHALL BE MAINTAINED IN A GOOD OPERATING CONDITION.
- WHERE EXTENSION OF AN EXISTING CIRCUIT IS REQUIRED, RUN CONDUIT AND WIRE (CONCEALED WHERE INDICATED) FROM THE CIRCUIT'S EXISTING LOCATION TO ITS NEW LOCATION.
- WHERE AN ITEM OF EQUIPMENT IS INDICATED TO BE REMOVED AND RELOCATED, ANY ASSOCIATED CIRCUITRY, SWITCHES, DEVICES, ETC. SHALL ALSO BE REMOVED WITH THE EQUIPMENT. INSTALL THE EQUIPMENT TO THE NEW LOCATION AND PROVIDE CONNECTION OF ALL ASSOCIATED ITEMS; EXTEND EXISTING CIRCUITRY AS REQUIRED OR INDICATED.
- CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR THE REMOVAL AND DISPOSAL OF ALL EXISTING ELECTRICAL MATERIAL. CONTRACTOR SHALL REMOVE AND STORE ANY ELECTRICAL MATERIAL IF SO DIRECTED BY THE OWNER.

GENERAL NOTES:

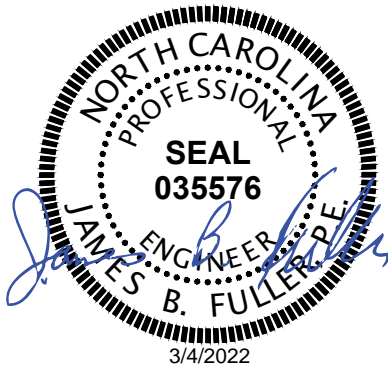
- THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND THOROUGHLY EXAMINE SITE PRIOR TO THE BEGINNING OF WORK TO VERIFY SCOPE REQUIREMENTS. DUE TO THE NATURE OF THIS PROJECT AND THE STATE OF THE EXISTING BUILDING, IT IS IMPOSSIBLE TO COMPLETELY RELAY THE SCOPE OF DEMOLITION AND NEW WORK. FAILURE TO FIELD VERIFY ACTUAL SITE CONDITIONS SHALL NOT RELIEVE THE CONTRACTOR OF HIS/HER RESPONSIBILITIES.
- CIRCUITRY ROUTING AND CONDUIT ROUTING SHOWN ON THESE PLANS ARE DIAGRAMMATIC ONLY. THE CONTRACTOR SHALL ROUTE BRANCH CIRCUITRY ALONG THE SHORTEST AND MOST COST EFFECTIVE ROUTE WHERE POSSIBLE. DIAGONAL RUNS ARE NOT ALLOWED. ALTHOUGH NOT ALL BRANCH CIRCUIT WIRING AND RACEWAYS ARE SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED.
- RACEWAYS SHALL BE LIMITED TO SIX CURRENT CARRYING CONDUCTORS FOR 20A CIRCUITS ONLY (THREE PHASE AND THREE NEUTRALS) AND EQUIPMENT GROUNDING CONDUCTOR, UNLESS OTHERWISE INDICATED. FOR ALL MULTIPLE CIRCUIT RACEWAYS, DERATE CONDUCTORS AS REQUIRED BY NEC ARTICLE 310.15. AN INSULATED GREEN EQUIPMENT GROUNDING CONDUCTOR SHALL BE RUN WITH ALL BRANCH CIRCUITS AND FEEDERS.
- ALL ELECTRICAL SYSTEMS SHALL BE SUITABLY GROUNDED, INCLUDING ALL NON-CURRENT CARRYING METALLIC COMPONENTS OF ALL EQUIPMENT AND METALLIC CONDUITS. GROUNDING SHALL BE PROVIDED, INSTALLED, AND ACCOMPLISHED AS REQUIRED BY THE 2020 NATIONAL ELECTRICAL CODE.
- WIRING INDICATED BY CIRCUIT NUMBER SYMBOL SHALL INCLUDE A NEUTRAL WHEN THE LOAD SERVED HAS PROVISIONS FOR, OR REQUIRES A NEUTRAL.
- ALL 20A OUTLETS SHALL BE WIRED WITH #12 AWG WIRE EXCEPT FOR CIRCUITS WITH 16A LOAD OVER 60 FEET IN LENGTH SHALL BE #10 AWG WIRE TO ACCOMMODATE FOR VOLTAGE DROP.
- LIGHT/GRAY LINEWEIGHT SHALL INDICATE EXISTING CONDITIONS, DASHED LINEWEIGHT SHALL INDICATE WORK TO BE DEMOLISHED, HEAVY/BLACK LINEWEIGHT SHALL INDICATE NEW WORK.
- SYMBOLS SHOWN ON THIS SHEET ARE STANDARD SYMBOLS. SOME SYMBOLS MAY NOT BE USED ON THIS PROJECT.
- COORDINATE ALL ELECTRICAL EQUIPMENT WITH ALL OTHER TRADES TO AVOID CONFLICTS. PROVIDE ALL NECESSARY FITTINGS, EQUIPMENT, HANGERS, OFFSETS, ROUTING ETC. TO AVOID CONFLICTS AT NO ADDITIONAL COST TO STRATFORD HOUSE ASSOCIATION.
- ANY ELECTRICAL EQUIPMENT, DEVICES OR CONDUIT AND WIRING (FIXTURES, RECEPTACLES, ETC) THAT ARE REQUIRED TO BE RELOCATED DUE TO CONSTRUCTION, SHALL BE DONE AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SERVICE TO ANY SUCH EQUIPMENT AND/OR DEVICES.
- CONTRACTOR SHALL REMOVE AND/OR RELOCATE AS DIRECTED ALL ELECTRICAL APPURTENANCES ASSOCIATED WITH THE NEW CONSTRUCTION.
- WHERE CUTTING, PATCHING AND PAINTING EXISTING FLOORS, WALLS AND/OR CEILINGS ARE REQUIRED TO PERFORM ELECTRICAL CONSTRUCTION, AND NO RESTORATION IS CALLED FOR BY OTHER DISCIPLINES WITHIN THE DOCUMENTS, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR, INCLUDING ALL COSTS ASSOCIATED WITH, THE RESTORATION OF ALL ADJACENT SURFACES TO MATCH EXISTING.
- PROVIDE NEW, TYPE WRITTEN PANEL DIRECTORIES FOR ALL PANELS IMPACTED BY DEMOLITION AND NEW WORK. HANDWRITTEN DIRECTORIES OR HANDWRITTEN NOTES ON EXISTING DIRECTORIES ARE NOT ACCEPTABLE.



1 BONDING CONNECTION DETAIL
- NOT TO SCALE



DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY MOUNT,
NORTH CAROLINA



NCBLES # F-1165

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY FOLLOWING OF THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."

DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

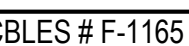
No.	Submittal / Revision	App'd. By	Date
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ELECTRICAL LEGEND,
ABBREVIATIONS, AND
GENERAL NOTES

Designed By: KP	Drawn By: KP	Checked By: NF
Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED

Drawing No.:

E-001



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DENTON STREET POOL
IMPROVEMENTS
CITY OF ROCKY
MOUNT, NC

ELECTRICAL POWER PLANS

Issue Date: 3/4/2022	Project No: 63994	Scale: AS NOTED
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E-101

1. ALL EXISTING ELECTRICAL EQUIPMENT IN THESE BUILDINGS ARE NOT SHOWN ON THESE PLANS. ALL EXISTING ELECTRICAL EQUIPMENT SHALL REMAIN UNLESS OTHERWISE NOTED.
2. COORDINATE THE REQUIREMENTS OF THE REMOVAL WORK AND WORK WITH EXISTING EQUIPMENT WITH NEW INSTALLATIONS AND MINIMIZE DOWN TIME TO EXISTING SYSTEMS THAT SHALL REMAIN.
3. CIRCUITRY SHOWN IS DIAGRAMMATIC. PROVIDE CONDUIT AND CABLES COMPLETE FROM SOURCE TO EQUIPMENT BEING SERVED.
4. PROVIDE ALL EQUIPMENT AND BRANCH FEEDERS SHOWN ON THIS DRAWING.
5. BOND ALL METAL COMPONENTS OF THE POOLS TO THE REINFORCING BARS IN THE POOL FOUNDATION WITH A SOLID #6 CU CONDUCTOR IN ACCORDANCE WITH NEC ARTICLE 680 PROVIDE BONDING ON ALL METALLIC EQUIPMENT WITHIN 5 FEET OF POOL.
6. SEE SHEET SP-001 FOR ADDITIONAL INFORMATION ON ALTERNATES.

- 1 DISCONNECT AND RETAIN CONDUIT AND CABLES FOR RE-USE.
- 2 DISCONNECT AND DISPOSE OF CONDUIT, STARTER AND DISCONNECT FROM WATER FEATURE PUMP MOTOR.
- 3 COORDINATE WITH REMOVAL OF DRINKING FOUNTAIN TO ENSURE ELECTRICAL CONNECTIONS ARE HIDDEN OR JUST A RECEPTACLE REMAINS.
- 4 DISCONNECT AND REMOVE OUTDOOR RECEPTACLES AND ENCLOSURES AROUND POOL DECK.
- 5 DISCONNECT LIGHTS IN POOL TO FACILITATE REMOVAL.
- 6 DISCONNECT CHEMICAL METERING PUMP TO FACILITATE REPLACEMENT.
- 7 DISCONNECT AND REMOVE CONDUIT AND CABLES FROM EXISTING WATER HEATER.
- 8 DISCONNECT AND REMOVE 30A/2P BREAKER IN PANEL P.

- ① UTILIZE EXISTING CONDUIT AND CABLES TO NEW EQUIPMENT. PROVIDE NEW CONDUIT AND CABLES OF SAME TYPE AND SIZE TO EXTEND AS REQUIRED.
- ② UTILIZE EXISTING OUTLET TO PROVIDE POWER TO NEW DRINKING WATER FOUNTAIN. VERIFY EXISTING OUTLET IS GFCI AND OVERCURRENT PROTECTIVE DEVICE IS 20A/1P PER MANUFACTURER RECOMMENDATION. IF NOT, PROVIDE GFCI OUTLET AND 20A/1P BREAKER IN SOURCE PANEL.
- ③ PROVIDE NEMA 2 COMBINATION MOTOR STARTER WITH RGS CONDUIT AND CABLES FROM MOTOR STARTER TO WATER FEATURE PUMP MOTOR OF SAME SIZE AS EXISTING CONDUIT AND CABLES.
- ④ PROVIDE GFCI RECEPTACLES IN WEATHER PROOF METAL ENCLOSURE WITH METAL COVER. UTILIZE EXISTING CONDUIT AND WIRING.
- ⑤ COORDINATE WITH OWNER TO LOCATE LIGHT FIXTURES WITH MISSING LENS. PROVIDE NEW LENSES FOR FIXTURES IN QUESTION.
- ⑥ PROVIDE NEW POOL LIGHTS PER SP-204 AND SEAL OPENING AROUND FIXTURE TO PREVENT WATER DAMAGE. UTILIZE EXISTING CONDUIT AND CABLES. INSTALL PER DETAIL 1/SP-805.
- ⑦ PROVIDE A SOLID #8 COPPER CONDUCTOR FOR BONDING OF METAL POOL COMPONENTS. BOND TO THE POOLS STRUCTURAL REINFORCING BAR IN ACCORDANCE WITH NEC ARTICLE 680. REFER TO DETAIL 1/E-001 AND 5/SP-805 FOR MORE INFORMATION.
- ⑧ PROVIDE 3/4" c. w/ (2) #12, #12 G. FROM NEW EXHAUST FAN IN CHEMICAL ROOM TO PANEL PL. PROVIDE 15A/1P BREAKER IN PANEL PL.
- ⑨ PROVIDE 3/4" c. w/ (3) #8, #10 G. TO NEW WATER HEATER.
- ⑩ PROVIDE 50A/3P CIRCUIT BREAKER FOR WATER HEATER IN PANEL P. SPACES 7,9,11.
- ⑪ PROVIDE 50A/3P CIRCUIT BREAKER FOR WATER HEATER IN PANEL PL. SPACES 38,40,42.

