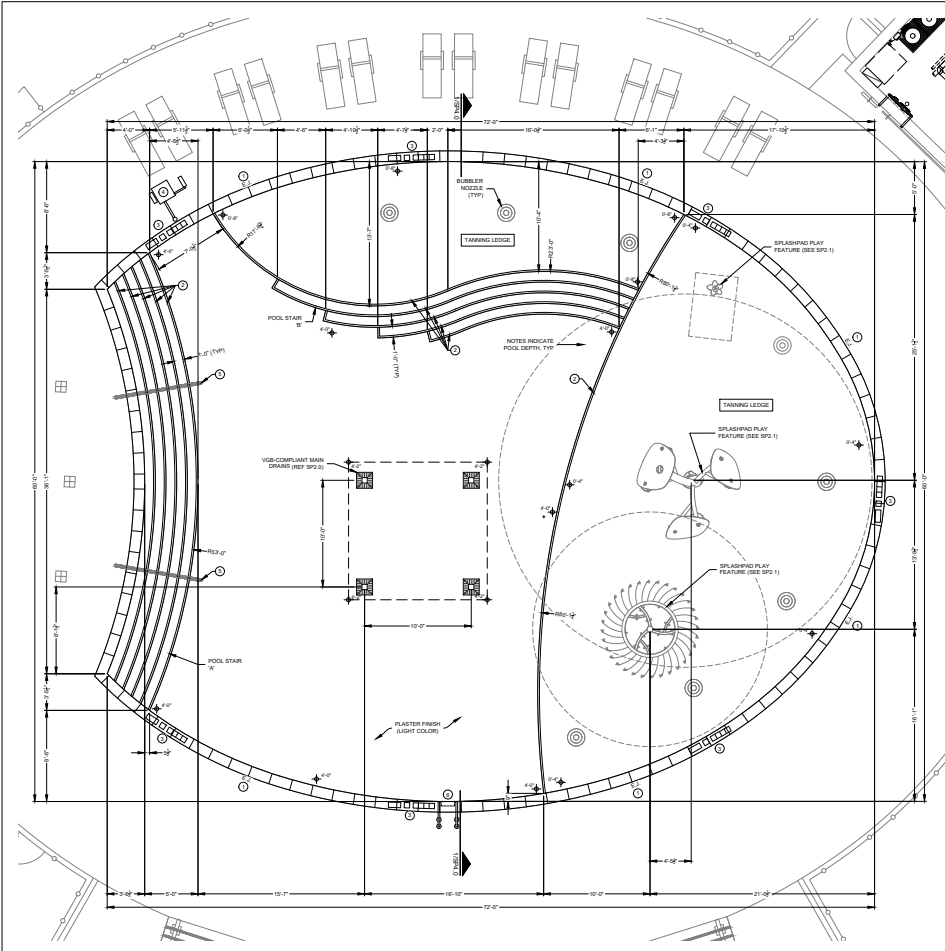


PROJECT: SWIMMING POOL SITE PLAN
 DATE: 08/11/2023
 DRAWN BY: J. SMITH
 CHECKED BY: M. JONES
 APPROVED BY: K. BROWN
 CLIENT: MADERA AMENITY CENTER
 LOCATION: 1234 MAIN ST, ROYSE, TX 75782
 SHEET NO: SP1.1 OF 1



1 SWIMMING POOL SITE PLAN

GENERAL NOTES:

- THE INTENT OF THIS DRAWING IS TO SHOW THE POOL GEOMETRY, ADJACENT BUILDINGS, LOCATIONS OF THE POOL AND BUILDINGS, AND THE LOCATION OF PERIMETER FENCING AND GATES. REFER TO FOLLOWING DRAWINGS FOR ADDITIONAL DETAILS AND SPECIFICATIONS.
- REFER TO OTHERS FOR EXPANSION JOINTS AND CRACK CONTROL JOINTS IN POOL DECK.
- ALL ELECTRICAL OUTLETS IN THE POOL OR SPA YARD AND IN DRESSING OR SANITARY FACILITIES SERVING A POOL OR SPA SHALL BE PROTECTED WITH A GFI.
- NOTE TO LIGHTING DESIGNER: IF POOL WILL BE USED AFTER DARK, THE SITE MUST BE ILLUMINATED TO PROVIDE TO HORIZONTAL FOOT-CANDELS (MINI) AT ALL WATER SURFACES AND POOL DECKS (POOL DECK LIGHTING DESIGNED AND INSTALLED BY OTHERS, NOT POOL CONTRACTOR).
- SANITARY FACILITIES MUST COMPLY WITH SECTION 265.204 OF THE TEXAS DEPARTMENT OF HEALTH SERVICES CODE (REFER ARCHITECT).
- EMERGENCY LIGHTING FOR POOLS THAT WILL BE USED AFTER DARK, EMERGENCY LIGHTING MUST BE PROVIDED TO FOLLOW THE EGRESS ROUTE FROM THE POOLS TO THE EXIT GATE OF THE POOL YARD. EMERGENCY LIGHTING SHALL BE ARRANGED TO PROVIDE MINIMAL ILLUMINATION NOT LESS THAN 1 FOOT-CANDEL AT ANY POINT ON THE WATER SURFACE OR ALONG THE POOL DECK, AND NOT LESS THAN AN AVERAGE OF 1.0 FOOT-CANDEL AT THE END OF THE EMERGENCY LIGHTING TIME DURATION. THE ILLUMINATION LEVEL SHALL NOT BE LESS THAN 0.5 FOOT-CANDELS AT ANY POINT ON THE WATER SURFACE OR POOL DECK, AND NOT LESS THAN AN AVERAGE OF 0.5 FOOT-CANDEL.

KEYED NOTES:

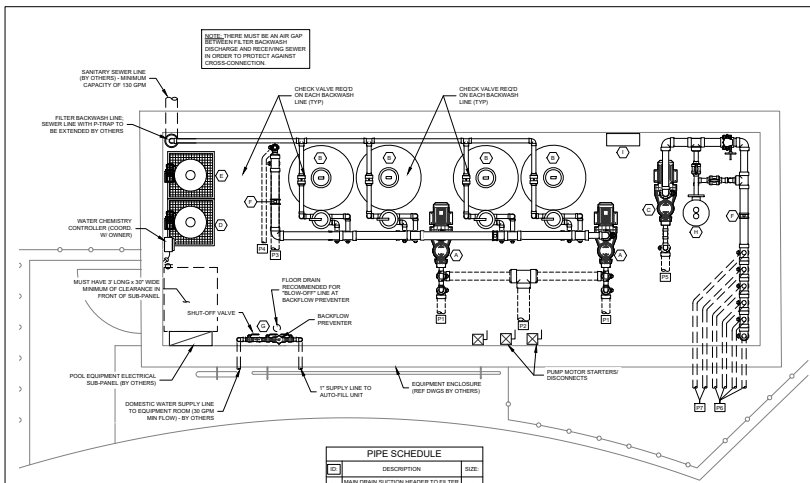
- 1/2" WIDE EXPANSION JOINT CONTROLS BETWEEN BACK OF POOL STRUCTURE AND ADJACENT DECK. SEAL JOINT WITH SELF-LEVELING GROUTING.
- INSTALL 2" WIDE SLIP-RESISTANT TILE BAND AT HORIZONTAL AND VERTICAL EDGE OF ALL UNDERWATER LEDGES AND POOL STEPS.
- DEPTH MARKINGS, "NO DIVING" LETTER TILES AND INTERNATIONAL NO DIVING SYMBOL ON POOL DECK SPACED AT DISTANCES NO GREATER THAN 24" ONT. PERIMETER AROUND POOL PERIMETER. LETTERS AND NUMERALS TO BE 4" HEIGHT TALL, CONTRASTING COLOR TO BACKGROUND TO WHICH THEY ARE APPLIED. CORRESPONDING SET OF DEPTH TILES REQUIRED W/ WATERLINE TILE BAND. ANY TILES ON WALKING SURFACES SHALL HAVE SLIP-RESISTANT FINISH.
- ADJACENT COMPLIANT LIFT GATE REQUIRED INTO POOL. PROVIDE AN ADEQUATE FOOTING FOR LIFT GATE ANCHOR (SEE MANUFACTURER). POOL CONTRACTOR TO INSTALL AND/OR IN ACCORDANCE WITH SECTION 105.1 OF THE TEXAS ACCESSIBILITY STANDARDS (TAS) AND MANUFACTURER'S INSTALLATION REQUIREMENTS.
- 1/2" O.D. x 1/2" I.D. WALL, STAINLESS STEEL STAIR HANDRAIL. TOP OF RAIL SHALL BE 34"-36" ABOVE WALKING SURFACE. REFER TO LANDSCAPE ARCH FOR TYPED MANUFACTURER.
- STAINLESS STEEL GRAB RAILS W/ SLIP-RESISTANT EMBEDDED POOL STEPS.

2 NOTES



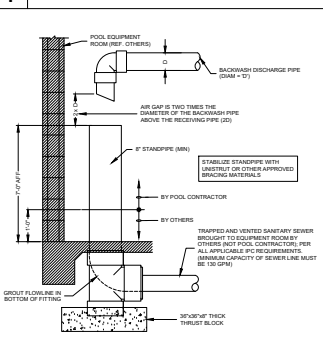
**MADERA AMENITY CENTER
NEW OUTDOOR SWIMMING POOL**
ROYSE CITY, TEXAS

Project:	SP1.1
Client:	MADERA AMENITY CENTER
Location:	ROYSE CITY, TEXAS
Scale:	1" = 10'-0"
Sheet No.:	SP1.1
Project Name:	SWIMMING POOL SITE PLAN
Sheet Title:	SP1.1

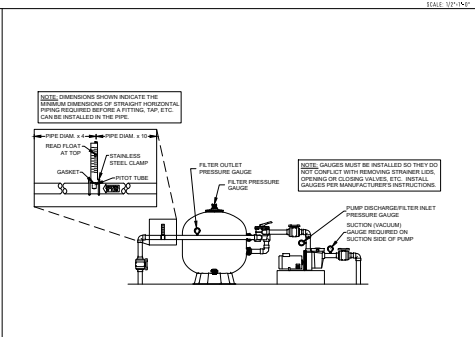


NO.	DESCRIPTION	SIZE
P1	MAIN DRAIN SUCTON HEADER TO FILTER PUMP (2\"/>	

1 EQUIPMENT ROOM LAYOUT



3 TYP. INDIRECT WASTE DETAIL



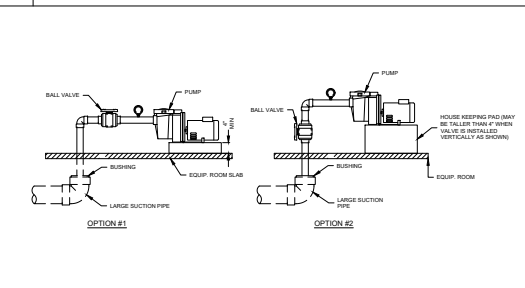
4 GAUGES & FLOW METER DIAGRAM

EQUIPMENT SCHEDULE				
RECIRCULATION SYSTEM				
NO.	DESCRIPTION	MFR.	MODEL No.	QTY.
A	POOL FILTRATION PUMP	SPECK	95-K	2
B	HIGH RATE SAND FILTER	ASTER	66711-03	4
C	POOL FEATURE PUMP	SPECK	95-K	1
D	LIQUID CHLORINE	STENNER	—	1
E	pH CONTROL	STENNER	—	1
F	FLOW METER	BLUE & WHITE	—	2
G	WATER SUPPLY TO ROOM	—	—	—
H	SECONDARY TREATMENT SYSTEM	CHLORCON	SAG 400A	1
I	UV CONTROL - CONTROL CABINET	CHLORCON	SAG 400A	1

EQUIPMENT ROOM NOTES

- EQUIPMENT MAY BE REARRANGED SLIGHTLY FROM WHAT IS SHOWN ON THIS DRAWING TO PROVIDE EASE OF MAINTENANCE AND OPERATION FIELD LOCATE.
- EQUIPMENT AREA IS AS NEAR AS POSSIBLE TO BE EXPLODED TO OTHERS FOR SLAB DRAINAGE.
- REFER TO OTHERS FOR FLOOR DRAINAGE IN POOL EQUIPMENT ROOM.
- POOL WATER pH CONTROL TO BE TESTED AND ADJUSTED BY A CERTIFIED POOL OPERATOR (CPO) IN ACCORDANCE TO 29 C.F.R. 260.206(b).
- THE FOLLOWING STATEMENT SHALL BE POSTED IN LETTERS AT LEAST 12 INCH IN HEIGHT IN A CONSPICUOUS LOCATION AND WITHIN THE AREAS OF THE AIR RELEASE FOR PRESSURE-TYPE FILTERS: "DO NOT START THE SYSTEM AFTER MAINTENANCE WITHOUT FIRST PROPERLY REASSEMBLING THE FILTER AND SEPARATION TANK AND OPENING ALL AIR RELEASE VALVES."
- IN ORDER TO ENSURE PUMP WILL PRIME, THE PUMP MUST BE INSTALLED SO THAT THE SUCTION PIPE IS NO HIGHER THAN 4 FEET ABOVE THE NORMAL WATER LEVEL IN THE TANK.
- REDUCERS INSTALLED AT SUCTION SIDES OF PUMPS SHOWN SHALL BE ECCENTRIC REDUCERS. REDUCERS ON DISCHARGE SIDES OF PUMPS SHALL BE CONCENTRIC REDUCERS.
- ALL POOL PUMP MOTORS CONNECT TO 208 VOLT THROUGH 240 VOLT SINGLE PHASE CIRCUITS. SHALL BE PROVIDED WITH GROUND-Fault CIRCUIT INTERRUPTER (GFCI) PROTECTION PER ARTICLE 680.21(C) N.E.C.
- ELECTRICAL DISCONNECTS FOR POOLS AND SPAS INTENDED TO PROTECT SERVICE PERSONNEL SHALL BE ACCESSIBLE TO SERVICE PERSONNEL, LOCATED WITHIN SIGHT OF THE POOL AND SPA EQUIPMENT AND LOCATED AT LEAST 5 FEET AWAY FROM THE REAR WALLS OF A POOL OR SPA. EACH DISCONNECTING MEANS SHALL DISCONNECT ALL UNGROUNDED CONDUCTORS TO THE EQUIPMENT IT SERVES. IF ELECTRICITY TO EQUIPMENT IS SUPPLIED THROUGH A LINE THAT PLUGS INTO AN OUTLET AND THE LINE MAY BE DISCONNECTED BY REMOVING THE PLUG FROM THE OUTLET, A SEPARATE DISCONNECT SWITCH IS NOT REQUIRED FOR THAT EQUIPMENT.
- RFZ LOCATION MAY VARY (SHOWN HERE FOR CLARITY) REFER TO MECHANICAL ENGINEER. INSTALL RFZ IN A LOCATION THAT PROVIDES ACCESS FOR MAINTENANCE (FIELD LOCATE).
- HOSE BIB IF DESIRED BY OWNER MAY BE INSTALLED IN POOL EQUIPMENT AREA (COORDINATE WITH OWNER).
- ELECTRICAL CONDUIT SHALL NOT ENTER OR PASS THROUGH AN INTERIOR CHEMICAL STORAGE SPACE, EXCEPT AS REQUIRED TO SERVICE DEVICES LOCATED TO THE FUNCTION OF THE ROOM, SUCH AS PUMPS, VESSELS, CONTROLS, LIGHTING, AND SAFETY DEVICES.
- LAMPS, INCLUDING FLUORESCENT TUBES, INSTALLED IN INTERIOR CHEMICAL STORAGE SPACES SHALL BE PROTECTED AGAINST BREAKAGE WITH LENSES OR OTHER COVER, OR OTHERWISE PROTECTED AGAINST RELEASE OF HOT MATERIALS.
- WHERE REQUIRED, THE ELECTRICAL CONDUIT IN AN INTERIOR CHEMICAL STORAGE SPACE SHALL BE SEALED AND MADE OF MATERIALS THAT WILL NOT INTERACT WITH ANY CHEMICAL IN THE CHEMICAL STORAGE SPACE.
- ALL POOL EQUIPMENT & LIGHTING SHALL BE FURNISHED WITH SHUNT-TRIP BREAKERS AND WIRED SUCH THAT EQUIPMENT IS COMPLETELY DISCONNECTED WHEN THE EMERGENCY POWER OFF (EPO) SWITCH IS DEPRESSED. REFER TO SP10 FOR SWITCH LOCATION.

2 EQUIPMENT SCHEDULE & NOTES



5 PUMP PLUMBING DIAGRAM



MADERA AMENITY CENTER
NEW OUTDOOR SWIMMING POOL
ROYSE CITY, TEXAS

NO.	DESCRIPTION	DATE
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5	ISSUED FOR PERMITS	11/20/20
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EQUIPMENT ROOM LAYOUT

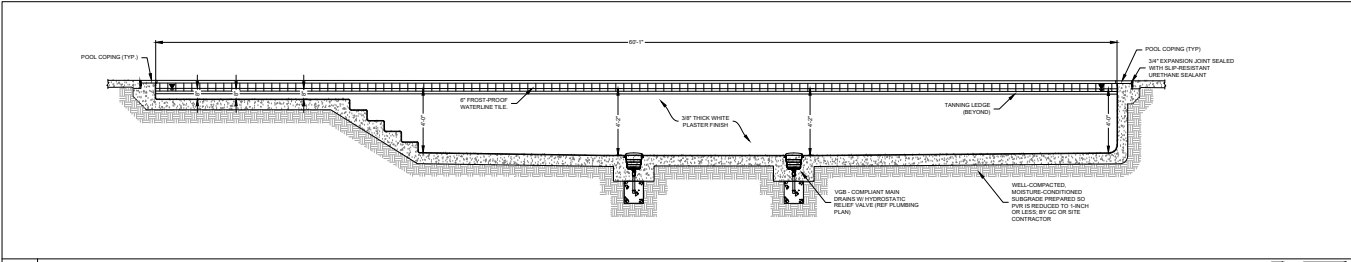
SP3.0



Revised:	00
By:	00
Checked:	00
Approved:	00
Date:	00/00/00

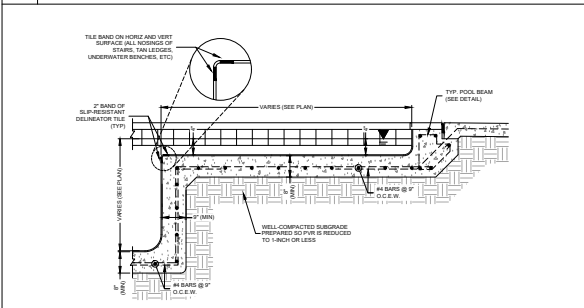
SWIMMING POOL CROSS-SECTIONS

SP4.0



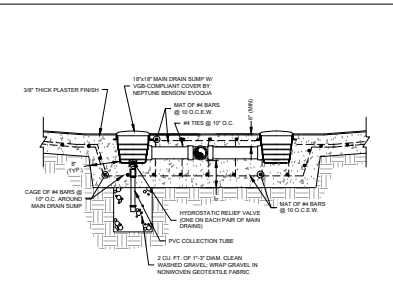
1 POOL CROSS-SECTION

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



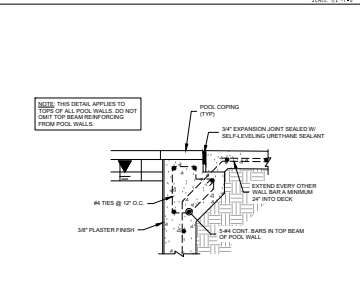
2 TANNING LEDGE DETAIL

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



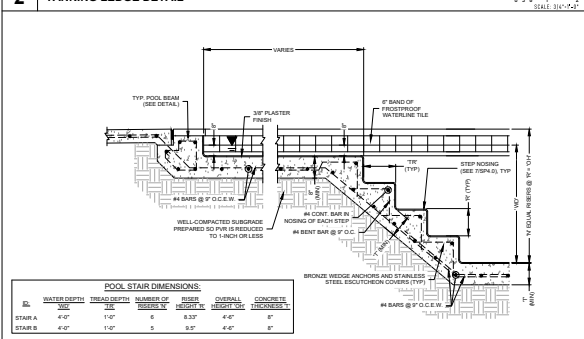
3 CHANNEL DRAIN DETAIL

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



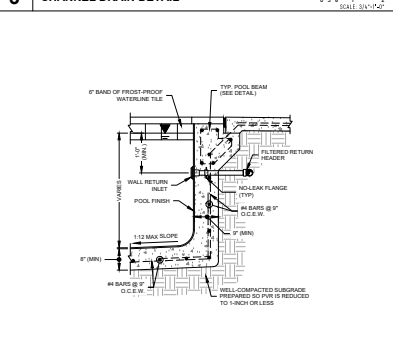
4 TYP. POOL BEAM

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



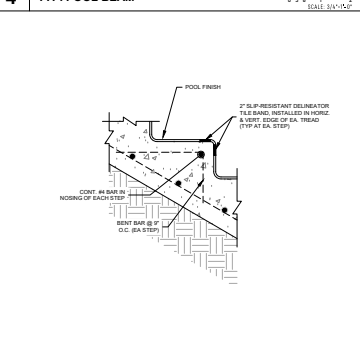
5 POOL STAIR DETAIL

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



6 TYP. POOL WALL

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



7 STEP NOSING DETAIL

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

