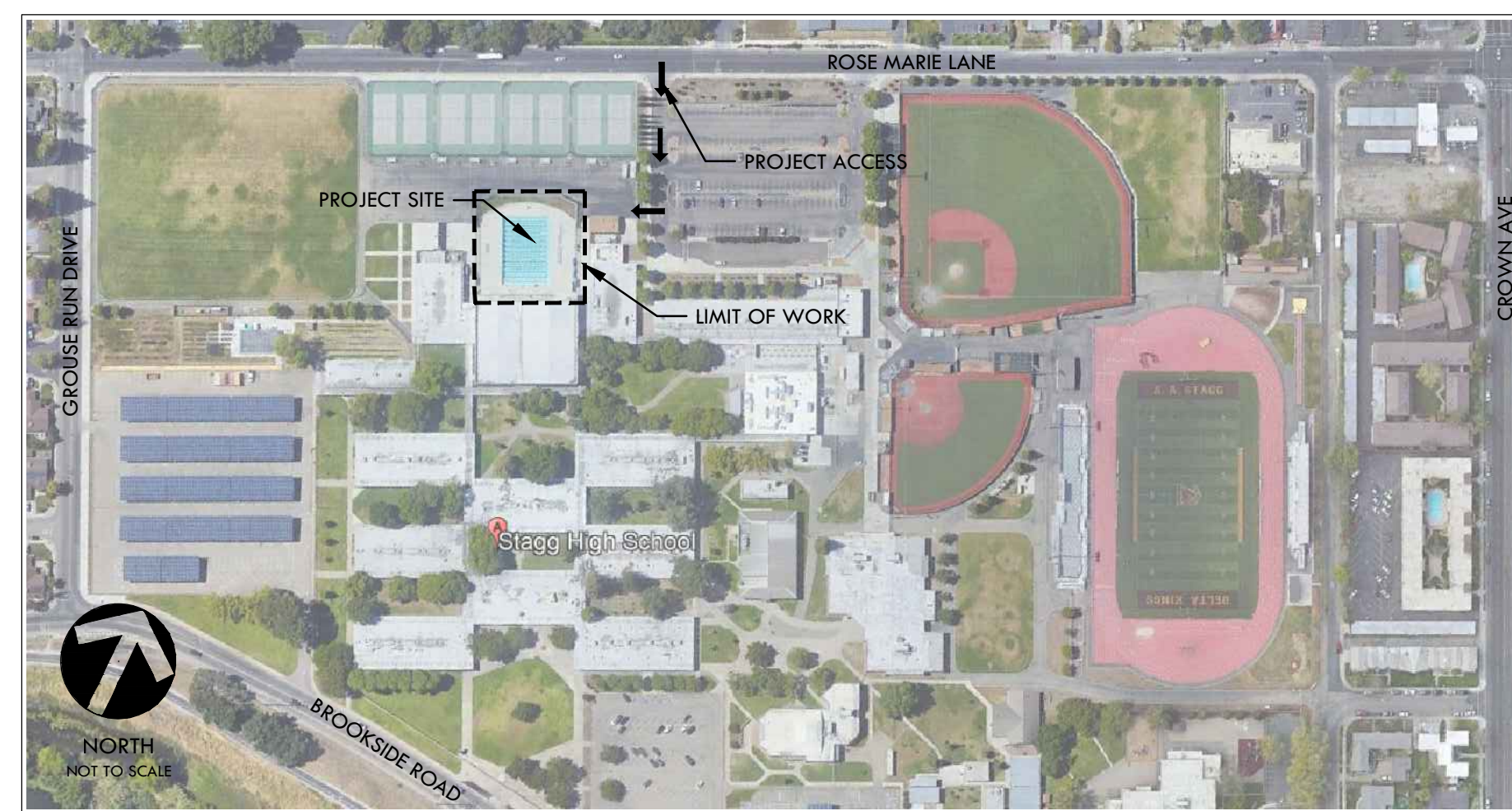
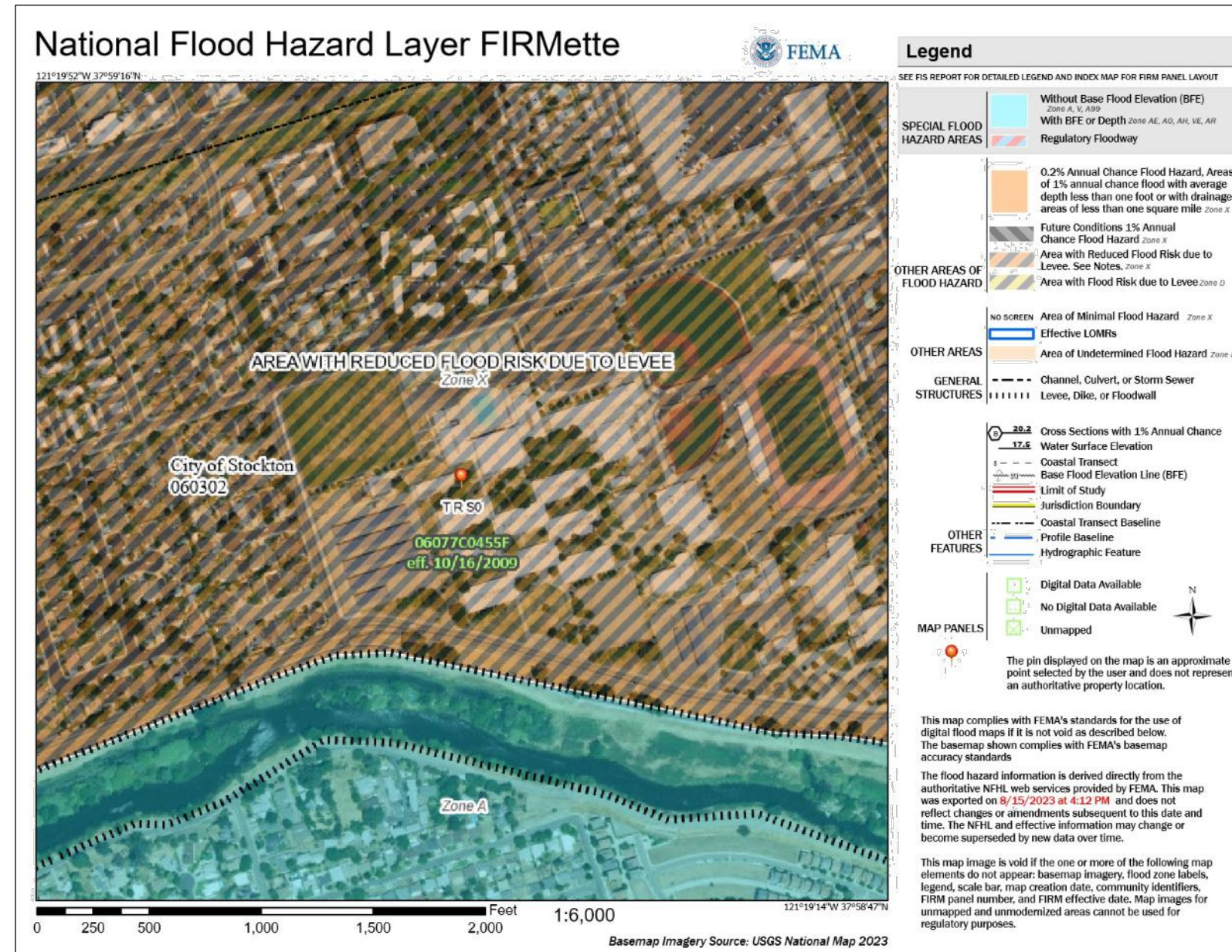


VICINITY MAP



SITE MAP

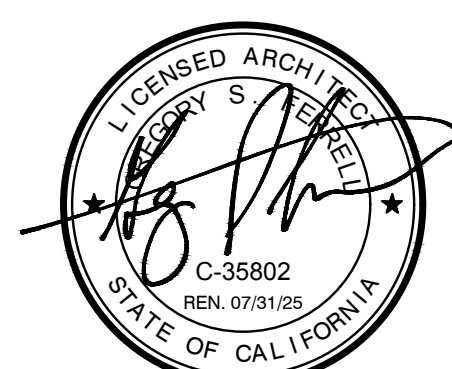


FEMA MAP

CONSTRUCTION DRAWINGS FOR STAGG HIGH SCHOOL POOL REPLASTER AND RENOVATION

1621 BROOKSIDE ROAD,
STOCKTON, CA 95207
STOCKTON UNIFIED SCHOOL DISTRICT PROJECT NO. 276
VERDE DESIGN, INC. PROJECT NO. 2313100

PREPARED BY



CONTACT INFORMATION

ORGANIZATION	NAME	PHONE
OWNER STOCKTON UNIFIED SCHOOL DISTRICT	DAVID VARELLA	(209) 933-7045 x2828
CIVIL ENGINEER / LANDSCAPE ARCHITECT VERDE DESIGN INC.	MARK BAGINSKI CHRIS SULLIVAN	(408) 850-3411 (916) 996-5525
AQUATIC DESIGN AQUATIC DESIGN GROUP	DENNIS BERKSHIRE	(760) 438-8400

SCOPE OF WORK

SCOPE OF WORK TO INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING: POOL FACILITY RENOVATION INCLUDING MECHANICAL AND CHEMICAL EQUIPMENT, TILE AND PLASTER RESURFACING, AND POOL DECK; DEMOLITION OF NATURAL TURF HILLSIDE SEATING; REMOVAL OF VALVES, AND INSTALLATION OF SYNTHETIC TURF SEATING.

SHEET INDEX

SHEET NO.	SHEET DESCRIPTION
C0.0	COVER SHEET
L1.1	EXISTING CONDITIONS AND SURVEY PLAN
L2.1	EROSION CONTROL PLAN
L3.1	DEMOLITION PLAN
L4.1	GRADING PLAN
L5.1	MATERIAL AND DETAIL REFERENCE PLAN
D1.1	HARDSCAPE DETAILS
AQUATIC DRAWINGS	
DP-1	SWIMMING POOL DEMOLITION PLAN
SP-1	SWIMMING POOL LAYOUT PLAN
SP-2	SWIMMING POOL SECTIONS
SP-3	SWIMMING POOL UNDERWATER LIGHT PLAN
SP-4	DETAILS
SP-5	EXISTING MECHANICAL ROOM LAYOUT PLAN

GENERAL NOTES

- PRIOR TO BIDDING, THE GENERAL CONTRACTOR SHALL VISIT & INSPECT THE SITE & FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AFFECTING THE NEW WORK. THE GENERAL CONTRACTOR SHALL NOT DISPUTE, COMPLAIN OR ASSERT THAT THERE IS ANY MISUNDERSTANDING IN REGARDS TO LOCATION, EXTENT, NATURE OR AMOUNT OF WORK TO BE PERFORMED UNDER THIS CONTRACT DUE TO THE CONTRACTOR'S FAILURE TO INSPECT THE SITE. CONTRACTOR SHALL NOTIFY DISTRICT'S REPRESENTATIVE OF ANY CONDITIONS, REQUIRING WORK, WHICH ARE NOT COVERED IN THE CONTRACT DOCUMENTS.
- NO CONSTRUCTION SHALL COMMENCE WITHOUT THE OFFICIAL NOTICE TO PROCEED FROM THE DISTRICT.
- THE GENERAL CONTRACTOR & SUB-CONTRACTORS ARE RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES IN ALL AREAS OF NEW WORK PRIOR TO COMMENCEMENT OF EXCAVATION. EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE APPROXIMATE ROUTING LOCATIONS AS BEST DETERMINED FROM EXISTING DRAWINGS AND THE SCHOOL DISTRICT, BUT SHOULD NOT BE CONSTRUED TO REPRESENT ALL OF THE EXISTING UNDERGROUND UTILITIES. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES THAT MAY BE AFFECTED BY NEW FACILITIES IN THIS CONTRACT. VERIFY ACTUAL LOCATION AND DEPTH OF UTILITIES, AND REPORT POTENTIAL CONFLICTS TO THE DISTRICT'S REPRESENTATIVE PRIOR TO EXCAVATING FOR NEW FACILITIES.
- CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO PROTECT ALL EXISTING UTILITIES, WHETHER SHOWN OR NOT, IN THE CONTRACT DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO EXISTING UTILITIES CAUSED BY ITS OPERATIONS.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING ITEMS WITHIN SITE IMPROVEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ALL DAMAGED AREAS TO THEIR ORIGINAL CONDITION OR BETTER AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE DISTRICT'S REPRESENTATIVE.
- DIMENSIONS AND LOCATIONS OF EXISTING FACILITIES ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY CONTRACTOR. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE DISTRICT'S REPRESENTATIVE.
- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE, CALIFORNIA PLUMBING CODE, CALIFORNIA FIRE CODE AND ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES, AS WELL AS ADAPTED STANDARDS.
- ALL NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH, AND AS A SUPPLEMENT TO, THE WRITTEN SPECIFICATIONS AND DETAILS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
- THIS DRAWING SET SHALL BE USED IN CONJUNCTION WITH THE CSI FORMAT SPECIFICATIONS PUBLISHED IN BOOK FORM. COMBINED, THEY ARE REFERRED TO AS THE "CONTRACT DOCUMENTS".
- DIMENSIONS ON WORKING DRAWINGS TAKE PRECEDENCE OVER MEASURED ELEMENTS. CONTRACTOR SHALL NOT SCALE DRAWINGS.
- ALL TYPICAL DETAILS SHALL APPLY UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL PROVIDE ADEQUATE DUST CONTROL AND KEEP MUD AND DEBRIS OFF THE PUBLIC RIGHT-OF-WAY AT ALL TIMES.
- ALL TRENCHES AND EXCAVATIONS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH THE APPLICABLE SECTIONS OF CALIFORNIA AND FEDERAL O.S.H.A. REQUIREMENTS AND OTHER APPLICABLE SAFETY ORDINANCES. CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR TRENCH SHORING DESIGN AND INSTALLATION.
- ANY ALTERATIONS OR EXISTING FACILITIES TO ACCOMMODATE THE INSTALLATION OF NEW WORK SHALL BE REVIEWED BY THE DISTRICT'S REPRESENTATIVE PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL COORDINATE ALL WORK TO AVOID DISTURBING STUDENTS OR TEACHERS DURING SCHOOL HOURS. ANY DISRUPTION OF THE UTILITIES MUST BE COORDINATED AND APPROVED BY THE DISTRICT'S REPRESENTATIVE AND INSPECTOR OF RECORD PRIOR TO COMMENCING WORK.
- ALL TEMPORARY WORK SHALL BE CONSIDERED A PART OF THIS CONTRACT AND NO EXTRA CHARGES WILL BE ALLOWED. THIS SHALL INCLUDE MINOR ITEMS OF MATERIAL OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS AND INTENT OF THE PROJECT.
- THE PLANS AND SPECIFICATIONS DO NOT UNDERTAKE TO SHOW OR LIST EVERY ITEM TO BE PROVIDED, BUT RATHER TO DEFINE THE REQUIREMENTS FOR A FULL AND WORKING SYSTEM FROM THE STANDPOINT OF THE END USER. FOR THIS REASON, WHEN AN ITEM NOT SHOWN OR LISTED IS CLEARLY NECESSARY FOR PROPER CONTROL/OPERATION OF EQUIPMENT WHICH IS SHOWN OR LISTED, THE CONTRACTOR SHALL PROVIDE AN ITEM WHICH WILL ALLOW THE SYSTEM TO FUNCTION PROPERLY AT NO INCREASE IN PRICE.
- ALL CONTRACTORS SHALL REMOVE TRASH AND DEBRIS STEMMING FROM THEIR WORK ON A DAILY BASIS. PROJECT SITE SHALL BE MAINTAINED IN A CLEAN AND ORDERLY CONDITION.
- THE DETAILS REFLECT THE DESIGN INTENT FOR TYPICAL CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND SHALL INCLUDE, IN HIS SCOPE, THE COST FOR COMPLETE FINISHED INSTALLATIONS, INCLUDING ANOMALIES, OF ALL TRADES.
- NO WORK SHALL COMMENCE WITH UNAPPROVED MATERIALS. ANY WORK DONE WITH UNAPPROVED MATERIALS AND EQUIPMENT IS AT THE CONTRACTOR'S RISK AND IS SUBJECT TO REJECTION AND REPLACEMENT. SEE SPECIFICATIONS FOR SUBMITTAL AND SUBSTITUTION REQUIREMENTS.
- CONSTRUCTION MATERIALS STORED ON THE SITE SHALL BE PROPERLY STACKED AND PROTECTED SO AS TO PREVENT DAMAGE OR DETERIORATION UNTIL USED. FAILURE IN THIS REGARD MAY BE CAUSE FOR REJECTION OF MATERIAL AND/OR WORK.
- ALL EQUIPMENT SHALL BE FABRICATED FROM FIELD VERIFIED DIMENSIONS AND APPROVED SHOP DRAWINGS. COORDINATE MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.
- CONTRACTOR SHALL PERFORM THEIR CONSTRUCTION AND OPERATIONS IN A MANNER WHICH WILL NOT ALLOW HARMFUL POLLUTANTS TO ENTER THE STORM DRAIN SYSTEM. TO ENSURE COMPLIANCE, THE CONTRACTOR SHALL IMPLEMENT THE APPROPRIATE BEST MANAGEMENT PRACTICE (BMP) AS OUTLINED IN THE BROCHURES ENTITLED "BEST MANAGEMENT PRACTICE FOR THE CONSTRUCTION INDUSTRY" ISSUED BY THE CALIFORNIA STORM WATER QUALITY ASSOCIATION, NONPOINT SOURCE POLLUTION CONTROL PROGRAM, TO SUIT THE CONSTRUCTION SITE AND JOB CONDITION. THE CONTRACTOR SHALL PRESENT THEIR PROPOSED BMP AT THE PRECONSTRUCTION MEETING FOR DISCUSSION AND APPROVAL.
- CONTRACTOR SHALL PROVIDE TEMPORARY CONSTRUCTION FENCING PER CONTRACT DOCUMENTS TO SERVE LIMIT OF WORK AREAS. FENCING MAY BE ADJUSTED DURING CONSTRUCTION BASED ON CONSTRUCTION SEQUENCE OR DISTRICT REPRESENTATIVE'S DIRECTION.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT IN THE STREET RIGHT-OF-WAY SHALL NOT BE PERMITTED.

APPLICABLE CODES

1. 2022 CBC CHAPTER 35; PROVIDE ALL THE APPLICABLE/ADOPTED STANDARDS. WHERE A PARTICULAR STANDARD IS REFERENCED IN THE CODE BUT DOES NOT APPEAR AS AN ADOPTED STANDARD IT MAY STILL BE USED. APPLY ONLY THE PORTION OF THE STANDARD THAT IS APPLICABLE TO THE CODE SECTION WHERE THE STANDARD IS REFERENCED, NOT THE ENTIRE STANDARD.

- 2022 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
- (2021 INTERNATIONAL BUILDING CODE VOLUMES 1-2)
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
- (2020 NATIONAL ELECTRICAL CODE)
- 2022 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R.
- (2021 UNIFORM MECHANICAL CODE)
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
- (2021 UNIFORM PLUMBING CODE)
- 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.
- 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
- (2021 INTERNATIONAL FIRE CODE AND 2022 CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 C.C.R.
- (2021 INTERNATIONAL EXISTING BUILDING CODE)
- 2021 CALIFORNIA "GREEN" BUILDING REQUIREMENTS OR CAL GREEN, PART 11, TITLE 24 C.C.R.
- 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
- 2022 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

- LIST OF FEDERAL CODES AND STANDARDS (IF APPLICABLE)
- AMERICANS WITH DISABILITIES ACT (ADA), TITLE III OR TITLE III FOR TITLE II. UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) OR ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 35)
 - 28 CFR 35.151(C)
 - FOR TITLE III: ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36)
 - 28 CFR 36.406
 - 2010 AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN

NOTE: TITLE II APPLIES TO PROJECTS FUNDED AND/OR USED BY STATE AND LOCAL GOVERNMENT SERVICES. TITLE III COVERS PUBLIC ACCOMMODATIONS AND COMMERCIAL FACILITIES. DEPENDING ON THE USE AND FUNDING, BOTH TITLE MAY APPLY TO THE PROJECT.

- NFPA 13 AUTOMATIC SPRINKLER SYSTEMS 2022 EDITION
- NFPA 14 STANDPIPE SYSTEMS 2022 EDITION
- NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS 2021 EDITION
- NFPA 17A WET CHEMICAL EXTINGUISHING SYSTEMS 2021 EDITION
- NFPA 20 STATIONARY FIRE PUMPS 2022 EDITION
- NFPA 24 PRIVATE FIRE SERVICE MAINS 2022 EDITION
- NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (CALIFORNIA AMENDED) 2022 EDITION
- (NOTE SEE UL STANDARD 1971 FOR "VISUAL DEVICES")
- NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 2023 EDITION
- NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 2022 EDITION
- ASME 17.1 ELEVATOR STANDARD 2019 EDITION

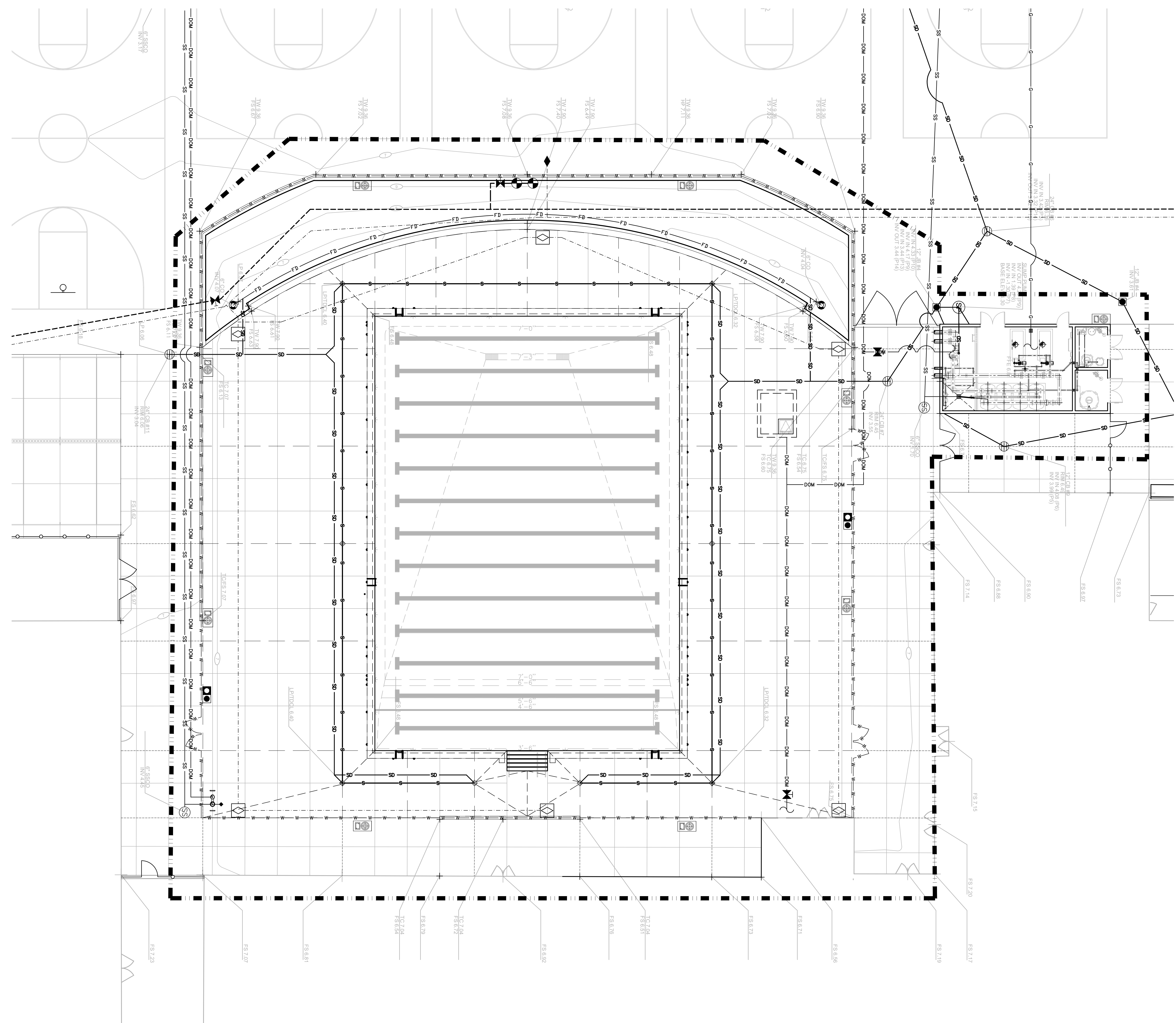
REFERENCE CODE SECTIONS FOR APPLICABLE STANDARDS - 2022 CALIFORNIA BUILDING CODE (FOR SFM) REFERENCED STANDARDS CHAPTER 35
ADA STANDARD FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36)


2. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE OWNER REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.

3. ALL EXISTING FIRE EXTINGUISHING SYSTEMS ARE IN COMPLIANCE WITH UL 300, CBC 904.11, CFC 904.11.

ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. ANY UNAUTHORIZED REPRODUCTION OR TRANSMISSION OF THIS DOCUMENT IS STRICTLY PROHIBITED. VERDE DESIGN, INC. AND AQUATIC DESIGN GROUP SHALL BE SOLELY RESPONSIBLE FOR ANY ERRORS OR OMISSIONS. THIS DOCUMENT IS THE PROPERTY OF VERDE DESIGN, INC. AND AQUATIC DESIGN GROUP. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. ANY UNAUTHORIZED REPRODUCTION OR TRANSMISSION OF THIS DOCUMENT IS STRICTLY PROHIBITED. VERDE DESIGN, INC. AND AQUATIC DESIGN GROUP SHALL BE SOLELY RESPONSIBLE FOR ANY ERRORS OR OMISSIONS. THIS DOCUMENT IS THE PROPERTY OF VERDE DESIGN, INC. 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STAMP

CONSULTANT

SHEET TITLE
EXISTING CONDITIONS AND SURVEY PLAN

PROJECT NAME
STAGG HIGH SCHOOL POOL REPLASTER AND RENOVATION

PROJECT ADDRESS
**1621 BROOKSIDE RD
 STOCKTON, CA 95207**

SUBMITTAL	DATE
99% SUBMITTAL	12/20/23
100% SUBMITTAL	02/02/24
100% RE-SUBMITTAL	03/15/24

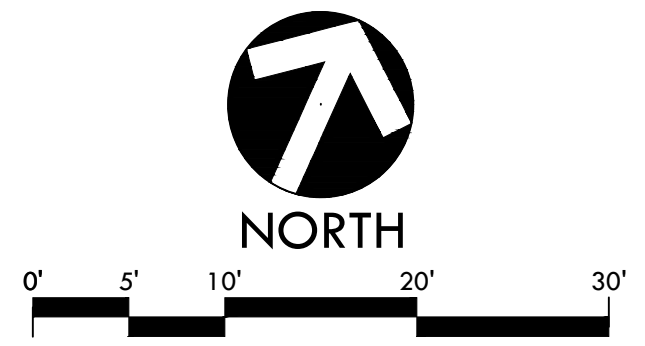
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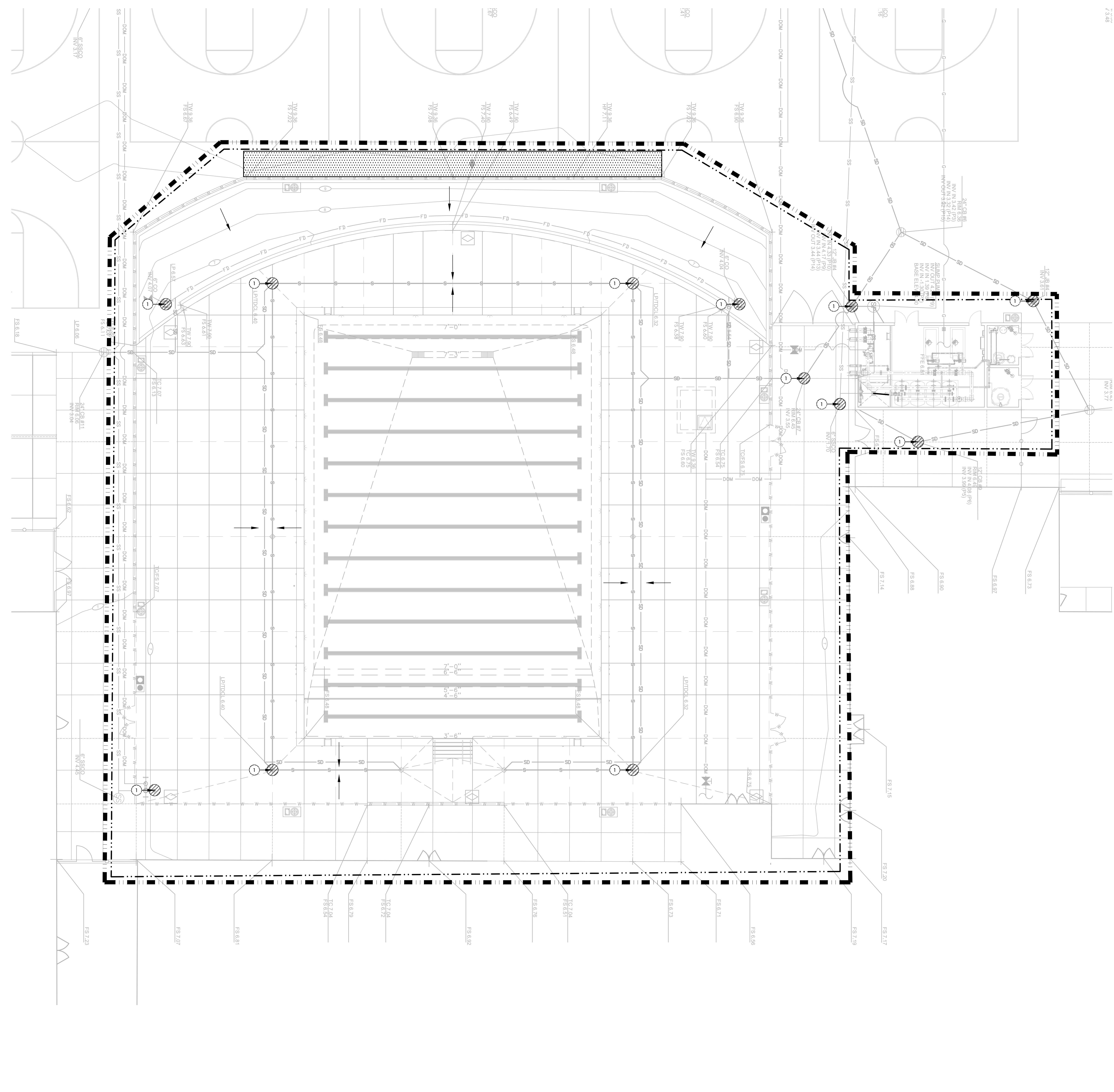
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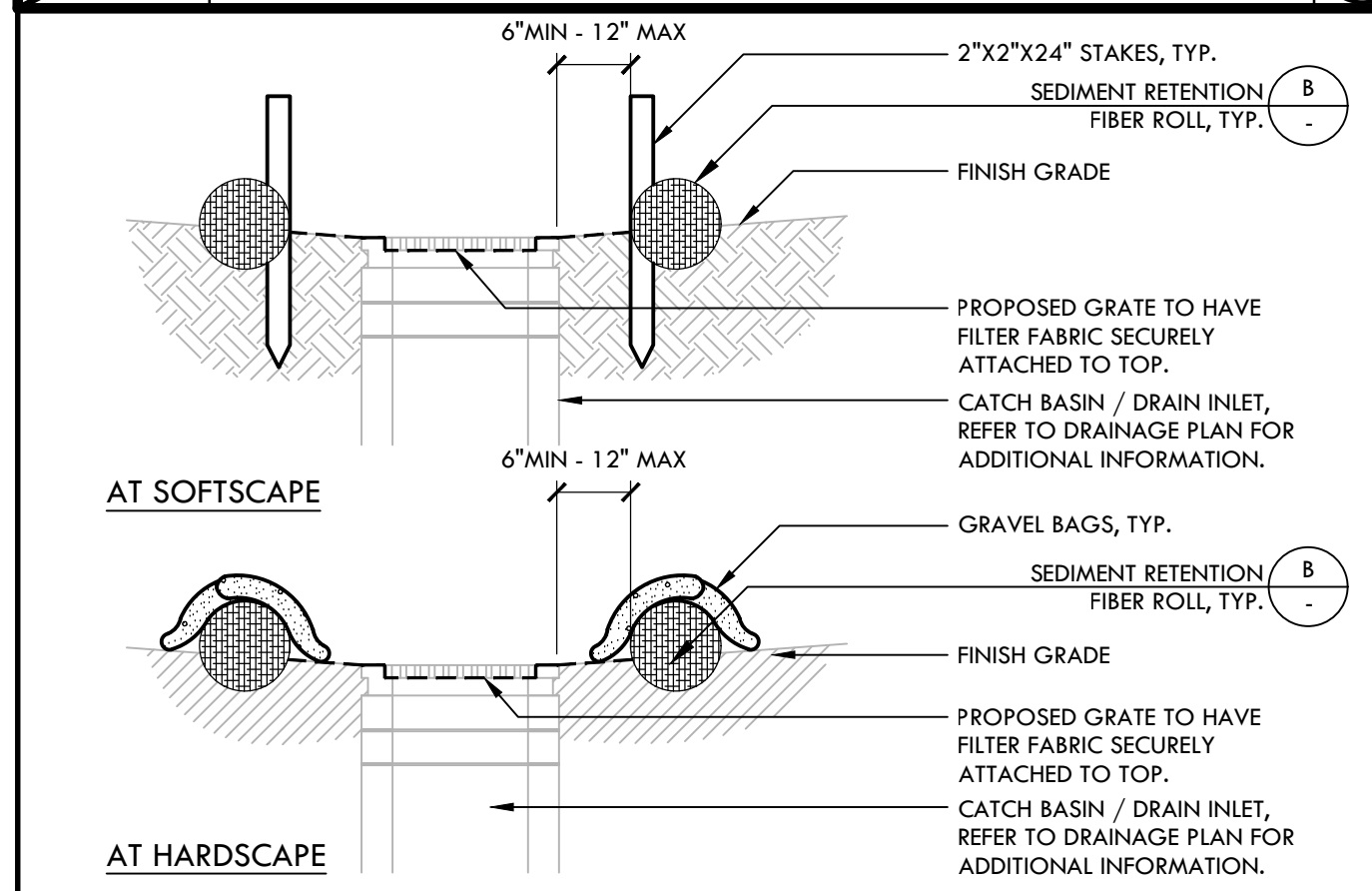


EROSION AND SEDIMENT CONTROL NOTES

1. EROSION AND SEDIMENT CONTROL SHALL BE CONSTRUCTED DURING FIRST WEEK OF CONSTRUCTION.
2. EROSION AND SEDIMENT CONTROL SHALL REMAIN THROUGHOUT CONSTRUCTION AND BE REMOVED AND DISPOSED OF DURING MAINTENANCE PERIOD.
3. EROSION AND SEDIMENT CONTROL MAY BE ADJUSTED THROUGH CONSTRUCTION WITH APPROVAL OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
4. CONTRACTOR SHALL SWEEP STREETS AND PARKING AREAS AFFECTED BY CONSTRUCTION WITH STREET SWEEPER AS REQUIRED TO KEEP PAVING CLEAN OF CONSTRUCTION DEBRIS.

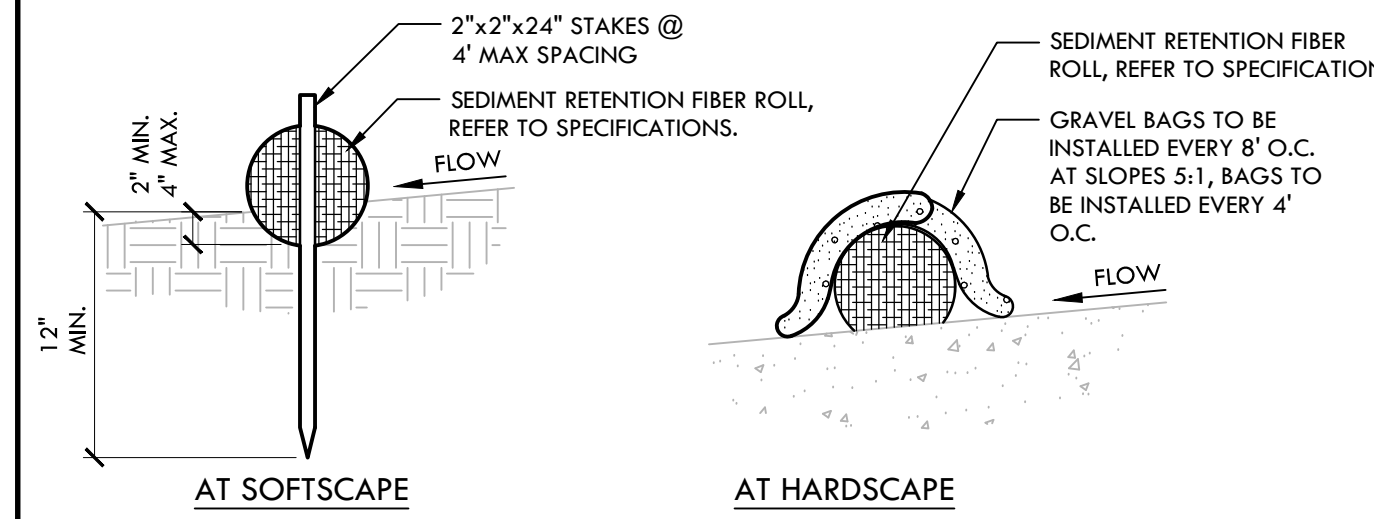
EROSION AND SEDIMENT CONTROL LEGEND

SYM	DESCRIPTION	DTL REF
	LIMIT OF WORK	
	FILTER FABRIC TO BE SECURELY ATTACHED TO DRAINAGE STRUCTURE TOP AND PERIMETER WADGLE	(A)
	CONSTRUCTION STAGING AREA	
	DIRECTION OF SURFACE FLOW	
	SEDIMENTATION RETENTION FIBER ROLL	(B)



NOTES:
CONTRACTOR TO CONFORM TO SEDIMENT RETENTION FIBER ROLL NOTES PROVIDED IN DETAIL B, THIS SHEET.

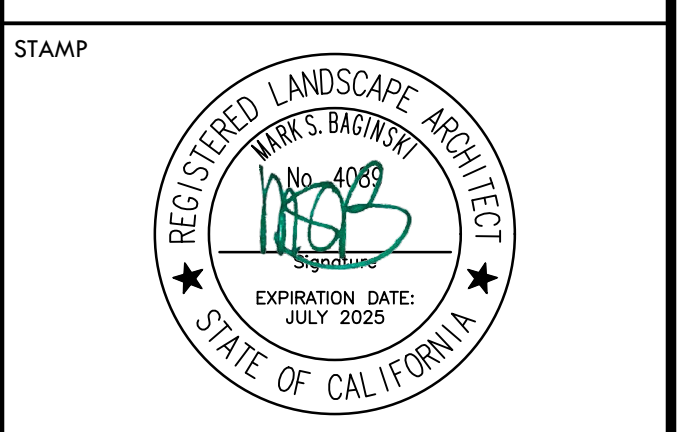
A STORM DRAIN INLET FILTER FOR EXISTING AND PROPOSED STORM DRAINS NTS



- NOTES:
1. INSTALL SEDIMENT RETENTION FIBER ROLLS (FIBER ROLLS / WATTLES) AS LOCATED ON PLANS AND AS REQUIRED PER THE STATE GENERAL PERMIT FOR STORMWATER DISCHARGE.
 2. FIBER ROLLS SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS FLOW PATH OF POTENTIAL RUN-OFF AND RUN-ON.
 3. PREPARE GRADES REMOVING SURFACE DEVIATIONS, LARGE STONES OR DEBRIS THAT WILL INHIBIT CONTINUOUS CONTACT OF THE FIBER ROLL WITH THE GRADE.
 4. PRIOR TO FILTER ROLL INSTALLATION EXCAVATE A CONCAVE TRENCH 2" MIN., 4" MAX. DEEP ALONG THE PROPOSED FIBER ROLL LOCATION.
 5. INSTALL FIBER ROLLS WITH CONTINUOUS CONTACT OF THE BOTTOM OF THE EXCAVATED TRENCH.
 6. STAKE ROLL ON BOTH SIDES 2' FROM OF ENDS AND AT 4' MAXIMUM SPACING WITH 2"x2"x24" STAKES. DRIVE STAKES IN ON ALTERNATING SIDES OF THE ROLL AND OVERLAP ADJUTING ROLL ENDS 12" MIN.
 7. BACKFILL BOTH SIDES TO WATTLE AND TAMP SOIL TO FIRM AND STABLE.
 8. CONTRACTOR SHALL MAKE WEEKLY INSPECTIONS OR AS INDICATED IN STORMWATER POLLUTION PREVENTION PLAN, OR THE STATE GENERAL PERMIT FOR STORMWATER DISCHARGE.

B SEDIMENT RETENTION FIBER ROLL NTS

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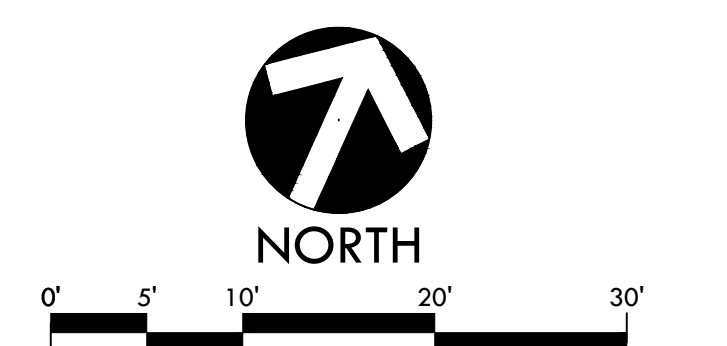
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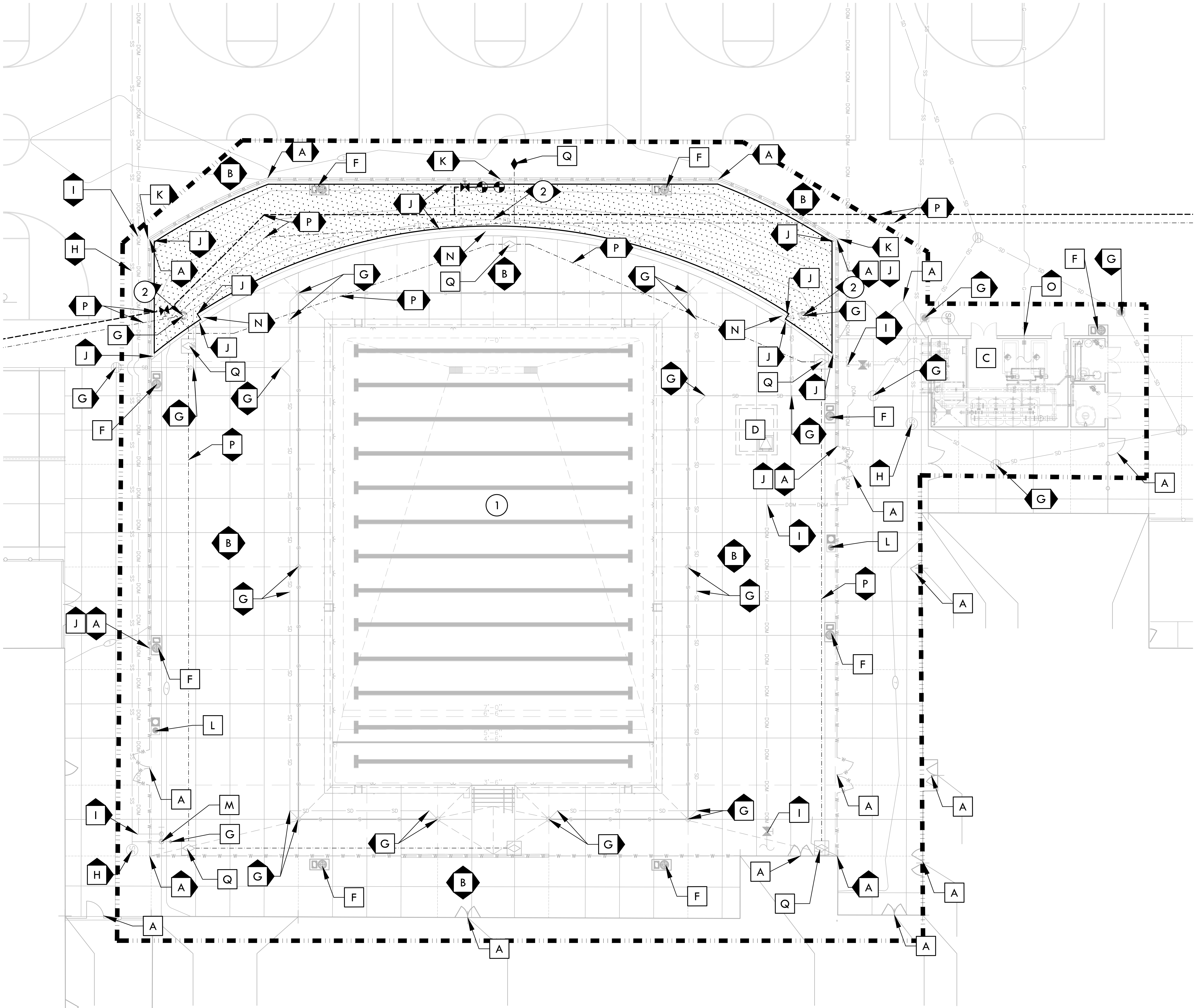
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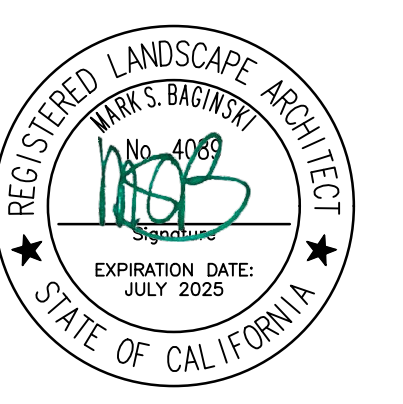


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DEMOLITION NOTES

1. THE CONTRACTOR SHALL PERFORM ALL CLEARING, DEMOLITION, REMOVAL OF OBSTRUCTIONS AND SITE PREPARATIONS NECESSARY FOR THE PROPER EXECUTION OF ALL WORK CONTAINED IN THE CONTRACT DOCUMENTS.
2. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE REQUIRED COORDINATION FOR THEIR TEMPORARY DISCONNECTION, PROTECTION, REMOVAL AND/OR STORAGE AS MAY BE REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH THE OWNER TO DETERMINE WHETHER TEMPORARY SERVICES ARE NECESSARY.
3. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID SUBMITTAL TO DETERMINE THE EXACT EXTENT AND DEPTH OF SITE DEMOLITION REQUIRED AND VERIFY COMPLIANCE WITH DRAWINGS. THE OWNER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
4. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES AND SERVICES SHOWN IN THE CONTRACT DOCUMENTS SHALL BE DEEMED TO BE APPROXIMATIONS ONLY. ALL DISCREPANCIES BETWEEN WHAT IS SHOWN AND THE ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE DISTRICT'S REPRESENTATIVE. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 PRIOR TO ANY DEMOLITION OR EXCAVATION. UPON COMPLETION OF USA MARKING OPERATIONS, CONTRACTOR SHALL RECORD ALL UTILITY MARKINGS ON A SEPARATE SET OF DRAWINGS. THIS SET SHALL BE KEPT ON-SITE FOR REFERENCE FOR DURATION OF CONTRACT. NOTIFY THE DISTRICT'S REPRESENTATIVE IMMEDIATELY SHOULD CONFLICTS ARISE AND REDIRECT WORK TO AVOID DELAY.
5. ALL EXISTING ITEMS ARE TO REMAIN UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING, AT CONTRACTOR'S EXPENSE, ANY EXISTING ITEM DAMAGED OR DESTROYED BY CONSTRUCTION OPERATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY AND ALL DAMAGES TO ADJACENT PROPERTIES. THE DAMAGED ITEMS SHALL BE RESTORED TO AN "AS-WAS" OR BETTER CONDITION OR REPLACED PER THE DISCRETION OF THE DISTRICT'S REPRESENTATIVE.
6. PRIOR TO ANY DEMOLITION WORK, CONTRACTOR SHALL INSTALL SELF-SUPPORTING INTERLOCKING CHAIN-LINK TEMPORARY CONSTRUCTION FENCING TO ENCLOSE AND SECURE THE PROJECT AREA LIMIT OF WORK. THE FENCING SHALL CONTAIN PEDESTRIAN AND/OR VEHICULAR ACCESS GATES AS NECESSARY AND SHALL BE MINIMUM 6 FEET HIGH WITH A TOP AND BOTTOM RAIL WITH KNUCKLED TOP AND BOTTOM SERVALE (NO BARBED WIRE PERMITTED). ALL FENCING SHALL INCLUDE FULL HEIGHT SCREEN SHADE CLOTH COVERING. THE CONSTRUCTION FENCING WORK SHALL BE SUBJECT TO THE DISCRETION OF THE DISTRICT'S REPRESENTATIVE.
7. REFER TO SPECIFICATIONS FOR ADDITIONAL CLEARING, GRUBBING, TOPSOIL STOCKPILING AND OTHER PERTINENT INFORMATION.



DEMOLITION LEGEND

SYM	DESCRIPTION
	LIMIT OF WORK / CONSTRUCTION FENCING
	EXISTING SURFACE VEGETATION TO BE REMOVED PER SPECIFICATIONS. REMOVE EXCESS SOIL FROM SITE. CONTRACTOR TO REMOVE ALL ROOTS AND VALVES. CONTRACTOR TO REMOVE LATERAL LINES IF IN THE WAY OF NEW CONSTRUCTION.
	EXISTING MAIN LINE IS TO BE REPAIRED FOR CONTINUOUS DOWNSTREAM FLOW. USE SCH. 80 PIPE FOR FITTINGS.

DEMOLITION ITEMS

- ITEMS TO BE DEMOLISHED AND/OR REMOVED**
- 1 REFER TO AQUATIC DRAWING SHEET DP-1 FOR ADDITIONAL DEMOLITION ITEMS IN POOL AREA
 - 2 REMOVE THE 6" SAND LAYER FROM THE FRENCH DRAIN TRENCH. REPLACE SAND LAYER WITH CLASS II 3/4" AGGREGATE BASE.
- ITEMS TO BE PROTECTED OR RELOCATED**
- A EXISTING FENCE AND/OR GATE TO REMAIN AND BE PROTECTED.
 - B EXISTING HARDSCAPE TO REMAIN AND BE PROTECTED.
 - C EXISTING BUILDING AND/OR STRUCTURE TO REMAIN AND BE PROTECTED.
 - D EXISTING SWIMMING POOL EQUIPMENT TO REMAIN AND BE PROTECTED.
 - E EXISTING ELECTRICAL, COMMUNICATION, AND DATA LINES AND COMPONENTS TO REMAIN AND BE PROTECTED.
 - F EXISTING LIGHT FIXTURE, POST, ASSOCIATED BOXES/WIRES AND FOOTING TO REMAIN AND BE PROTECTED.
 - G EXISTING CATCH BASINS OR DRAIN STRUCTURES INCLUDING LINES TO REMAIN AND BE PROTECTED.
 - H EXISTING SANITARY SEWER STRUCTURES INCLUDING LINES TO REMAIN AND BE PROTECTED.
 - I EXISTING WATER VALVE, BOX, BACKFLOW OR STRUCTURE AND LINE TO REMAIN AND BE PROTECTED.
 - J EXISTING CURB AND OR EDGE/AND TO REMAIN AND BE PROTECTED.
 - K EXISTING CONCRETE WALL TO REMAIN AND BE PROTECTED.
 - L EXISTING TRASH/RECYCLING RECEPTACLES TO REMAIN AND BE PROTECTED
 - M EXISTING DRINKING FOUNTAIN AND SAFETY RAILS TO REMAIN AND BE PROTECTED.
 - N EXISTING SEAT WALL TO REMAIN AND BE PROTECTED.
 - O EXISTING GAS LINE TO REMAIN AND BE PROTECTED.
 - P EXISTING IRRIGATION MAIN LINE TO REMAIN AND BE PROTECTED. REPAIR MAINLINE IF NEEDED FOR CONTINUAL DOWNSTREAM FLOW.
 - Q QUICK COUPLER TO REMAIN AND BE PROTECTED.

STAMP

CONSULTANT

SHEET TITLE

DEMOLITION PLAN

PROJECT NAME

STAGG HIGH SCHOOL POOL REPLASTER AND RENOVATION

PROJECT ADDRESS

**1621 BROOKSIDE RD
STOCKTON, CA 95207**

SUBMITTAL	DATE
99% SUBMITTAL	12/20/23
100% SUBMITTAL	02/02/24
100% RE-SUBMITTAL	03/15/24

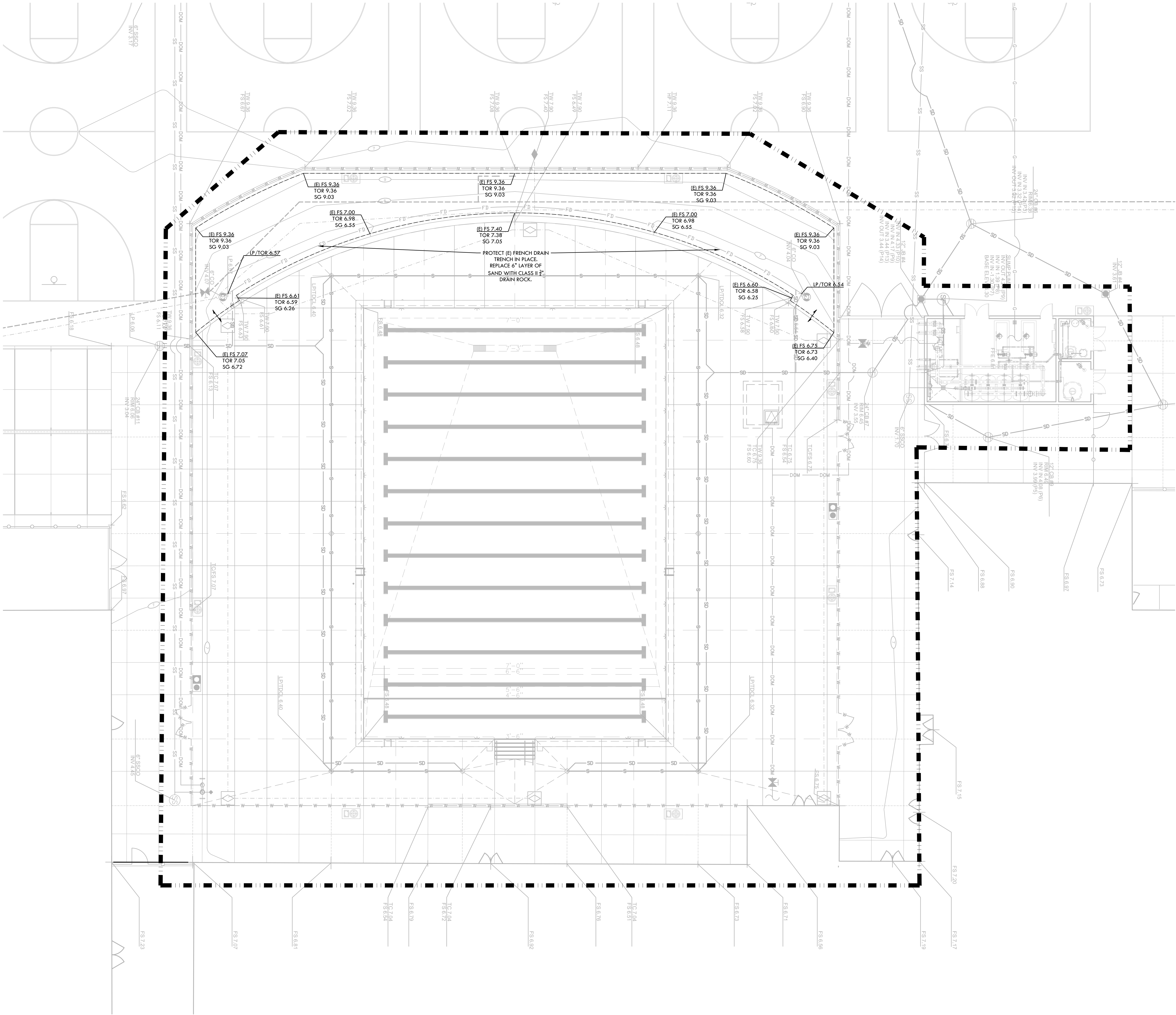
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GRADING NOTES

- EXISTING GRADES ARE BASED ON INFORMATION PROVIDED BY CONTRACTOR. CONTRACTOR SHALL VERIFY EXISTING GRADES FOR ACCURACY PRIOR TO THE START OF GRADING. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD CONFLICTS ARISE AND REDIRECT WORK TO AVOID DELAY.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES AND SERVICES SHOWN IN THE CONTRACT DOCUMENTS SHALL BE DEEMED TO BE APPROXIMATIONS ONLY. ALL DISCREPANCIES BETWEEN WHAT IS SHOWN AND THE ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL CONTACT UNDER GROUND SERVICE ALERT (USA) AT (800) 227-2600 PRIOR TO ANY DEMOLITION OR EXCAVATION. UPON COMPLETION OF USA MARKING OPERATIONS, CONTRACTOR SHALL RECORD ALL UTILITY MARKINGS ON A SEPARATE SET OF DRAWINGS. THIS SET SHALL BE KEPT ON-SITE FOR REFERENCE FOR DURATION OF CONTRACT.
- PROPOSED GRADES SHALL MEET EXISTING GRADES WITH A SMOOTH AND CONTINUOUS TRANSITION SO AS TO AVOID TRAPPING WATER. CONTRACTOR SHALL NOTIFY DISTRICT REPRESENTATIVE IF PUDDING IS SUSPECTED AND REDIRECT WORK SO AS TO AVOID DELAY WHILE AWAITING RESPONSE.
- ALL EXISTING DRAINAGE STRUCTURES, BOXES, UTILITY VAULTS ETC. SHALL BE BROUGHT TO FINAL FINISH GRADE PRIOR TO FINAL SURFACE TREATMENT.


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 Fax: 916-415-6555
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GRADING LEGEND

SYM	DESCRIPTION
(E) FS 6.00	MATCH EXISTING FINISH SURFACE ELEVATION
TOR 6.00	PROPOSED TOP OF ROCK ELEVATION
SG 6.00	PROPOSED FINISH SUGRADE ELEVATION
LP 6.00	LOW POINT
---	LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE
---	CONFORM TO EXISTING GRADE
○	EXISTING CONTOUR
FS 6.00	EXISTING ELEVATION

STAMP

 REGISTERED LANDSCAPE ARCHITECT
 No. 4098
 EXPIRATION DATE: JULY 2025
 STATE OF CALIFORNIA

CONSULTANT

SHEET TITLE

GRADING PLAN

PROJECT NAME

STAGG HIGH SCHOOL POOL REPLASTER AND RENOVATION

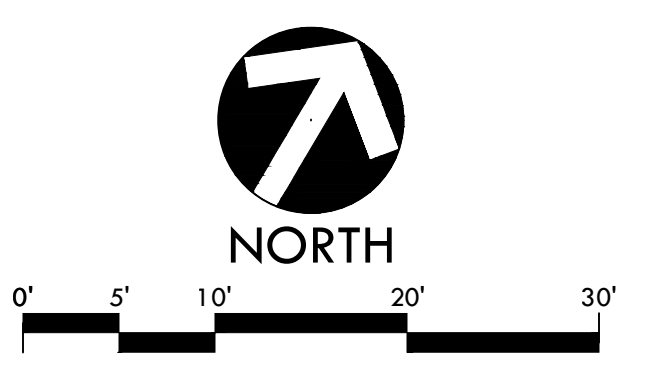
PROJECT ADDRESS

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STOCKTON, CA 95207**

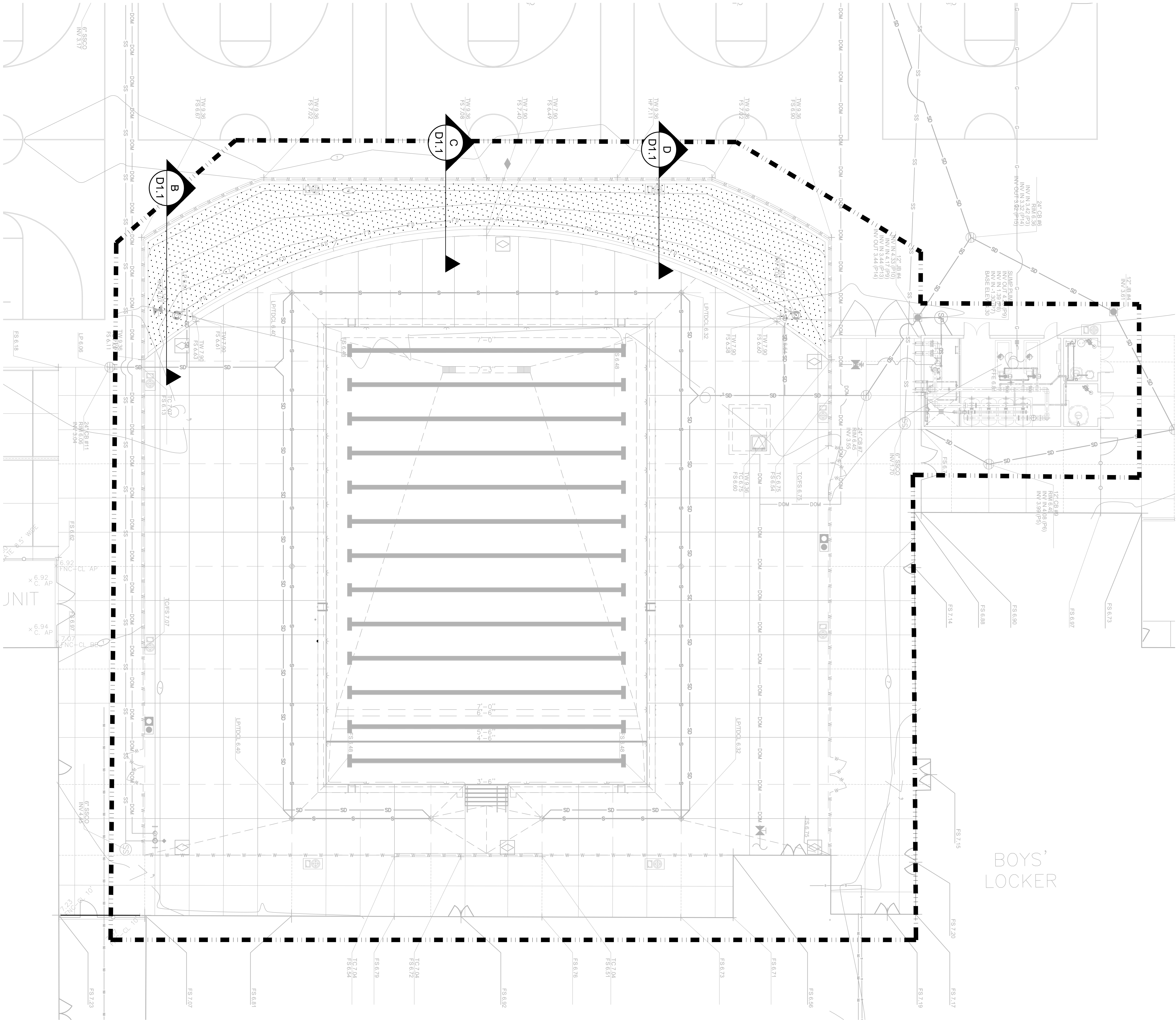
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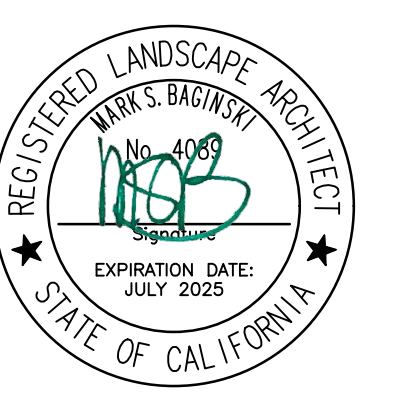


MATERIAL NOTES

1. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.
2. THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM.
3. ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND ACCEPTED BY OWNER'S REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE.
4. CONCRETE FINISHES SHALL BE AS NOTED. CONTRACTOR SHALL PROVIDE 4"x4" SAMPLES OF ALL SPECIFIED FINISHES OF CONCRETE USING THE SAME MATERIALS THAT WILL BE USED IN THE ACTUAL CONSTRUCTION FOR EACH TYPE SPECIFIED. SAMPLES SHALL BE PREPARED WELL ENOUGH IN ADVANCE OF SCHEDULED CONCRETE POUR TO ALLOW FOR REVIEW AND POSSIBLE RE-POURING OF UNACCEPTABLE SAMPLES. UNACCEPTABLE SAMPLES SHALL BE RE-PREPARED UNTIL ACCEPTED BY THE OWNER'S REPRESENTATIVE. ACCEPTED SAMPLES SHALL BE PROTECTED AND REMAIN ON SITE FOR REFERENCE UNTIL FINAL ACCEPTANCE.
5. ALL FENCES AND GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS; REFER TO DETAILS AND SPECIFICATIONS FOR PRECISE LOCATION.
6. ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES AND SITE FURNISHING PADS ARE INSTALLED.

MATERIAL LEGEND

SYM	DESCRIPTION	DTL REF
	SYNTHETIC TURF	A D1.1



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SHEET TITLE
**MATERIAL AND
DETAIL REFERENCE
PLAN**

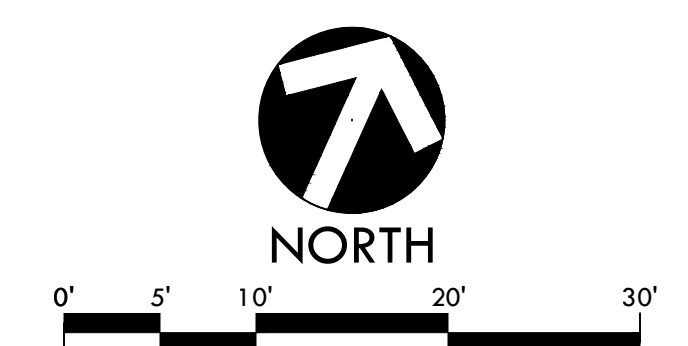
PROJECT NAME
**STAGG HIGH SCHOOL
POOL REPLASTER
AND RENOVATION**

PROJECT ADDRESS
**1621 BROOKSIDE RD
STOCKTON, CA 95207**

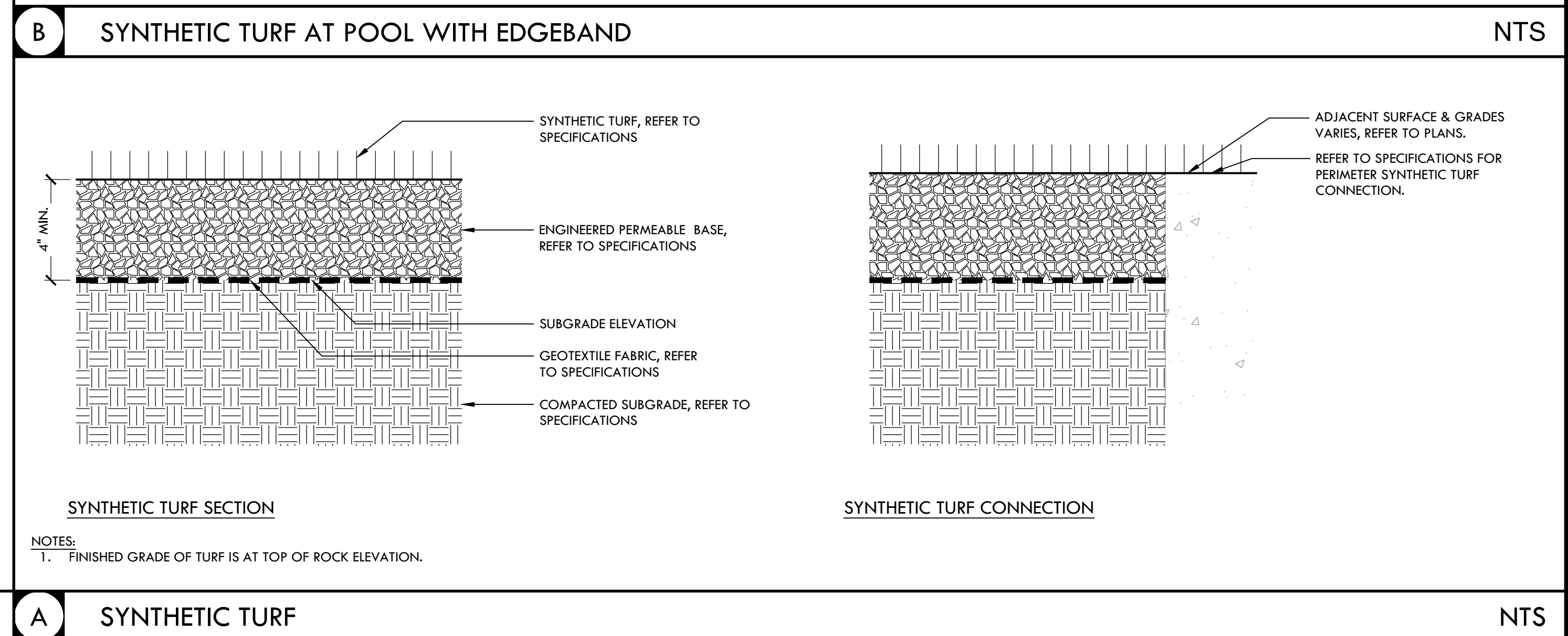
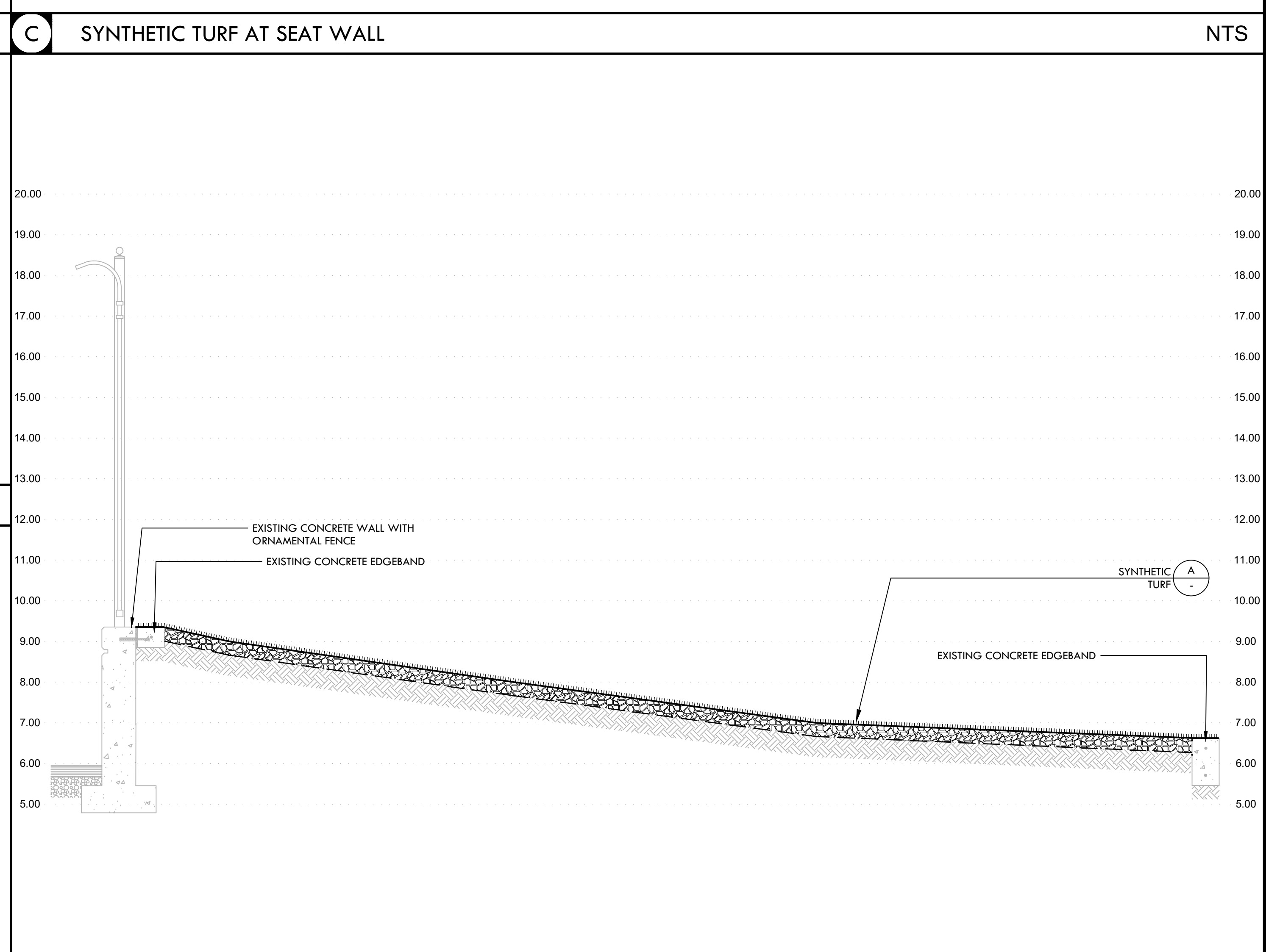
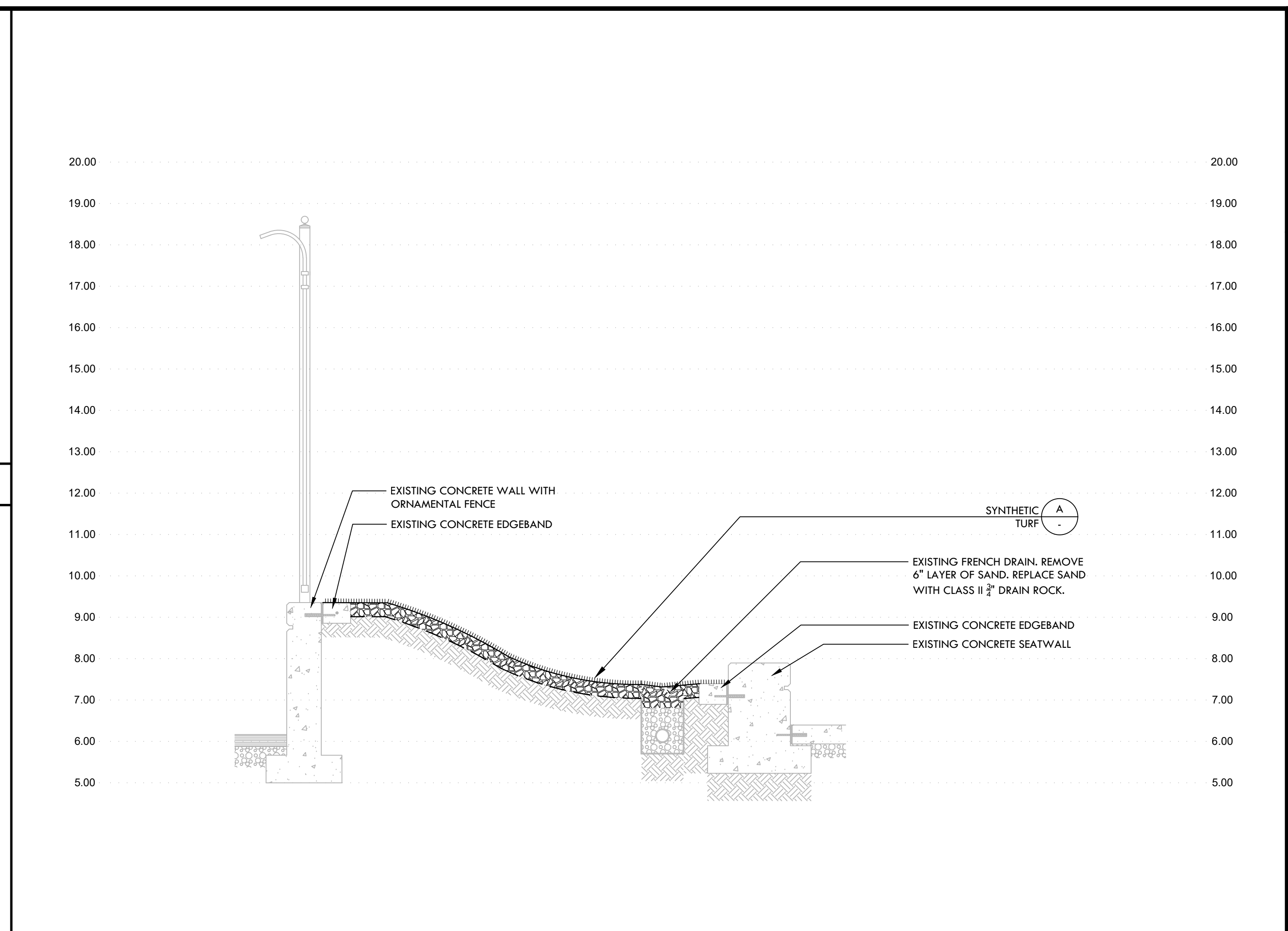
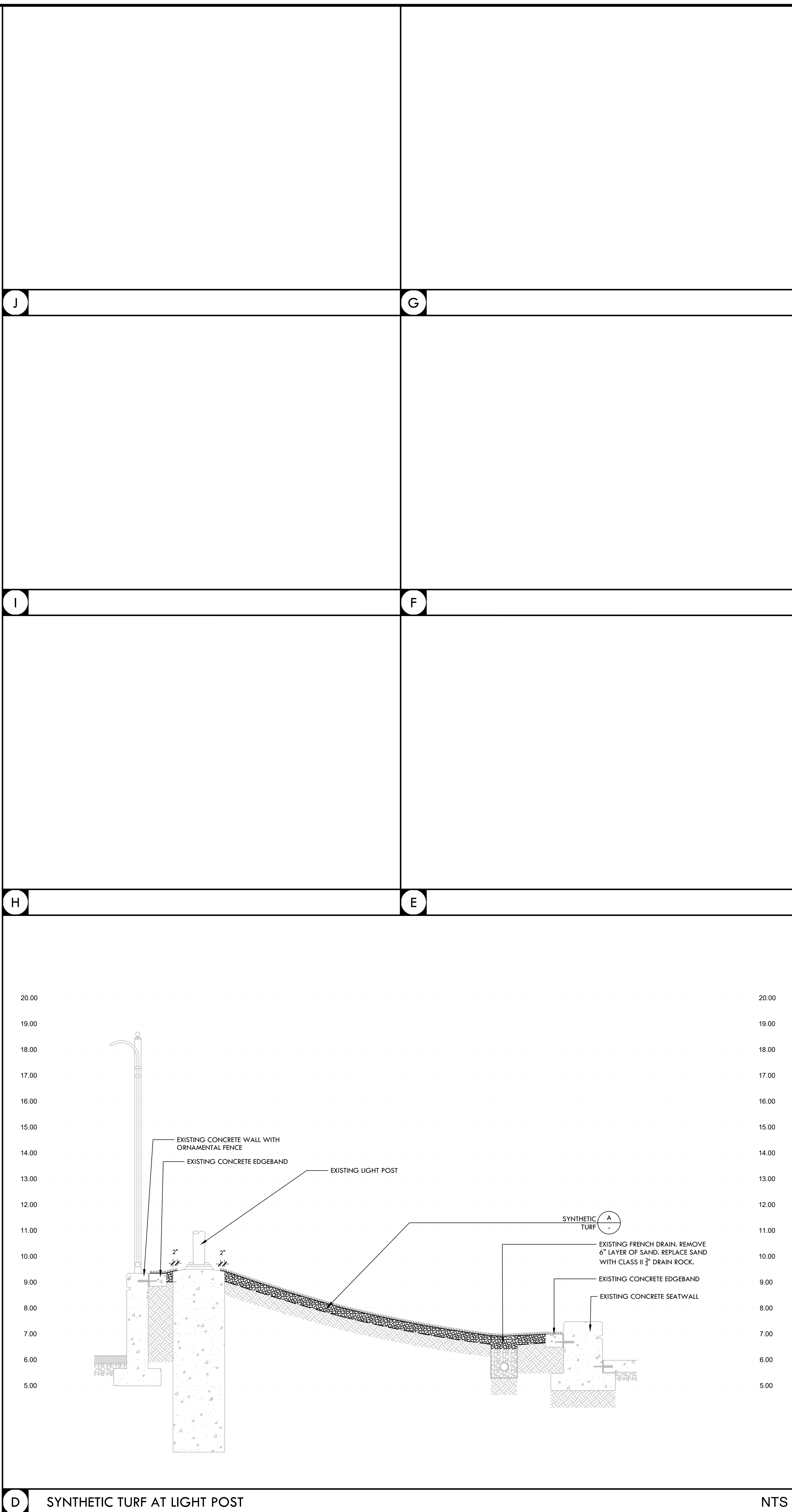
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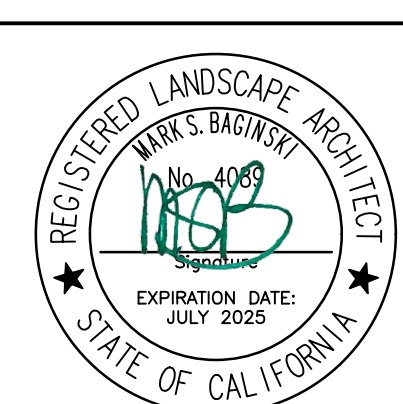


D SYNTHETIC TURF AT LIGHT POST NTS
C SYNTHETIC TURF AT SEAT WALL NTS
B SYNTHETIC TURF AT POOL WITH EDGE BAND NTS
A SYNTHETIC TURF NTS



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CONSULTANT

SHEET TITLE

CONSTRUCTION DETAILS

PROJECT NAME

**STAGG HIGH SCHOOL
POOL REPLASTER
AND RENOVATION**

PROJECT ADDRESS

**1621 BROOKSIDE RD
STOCKTON, CA 95207**

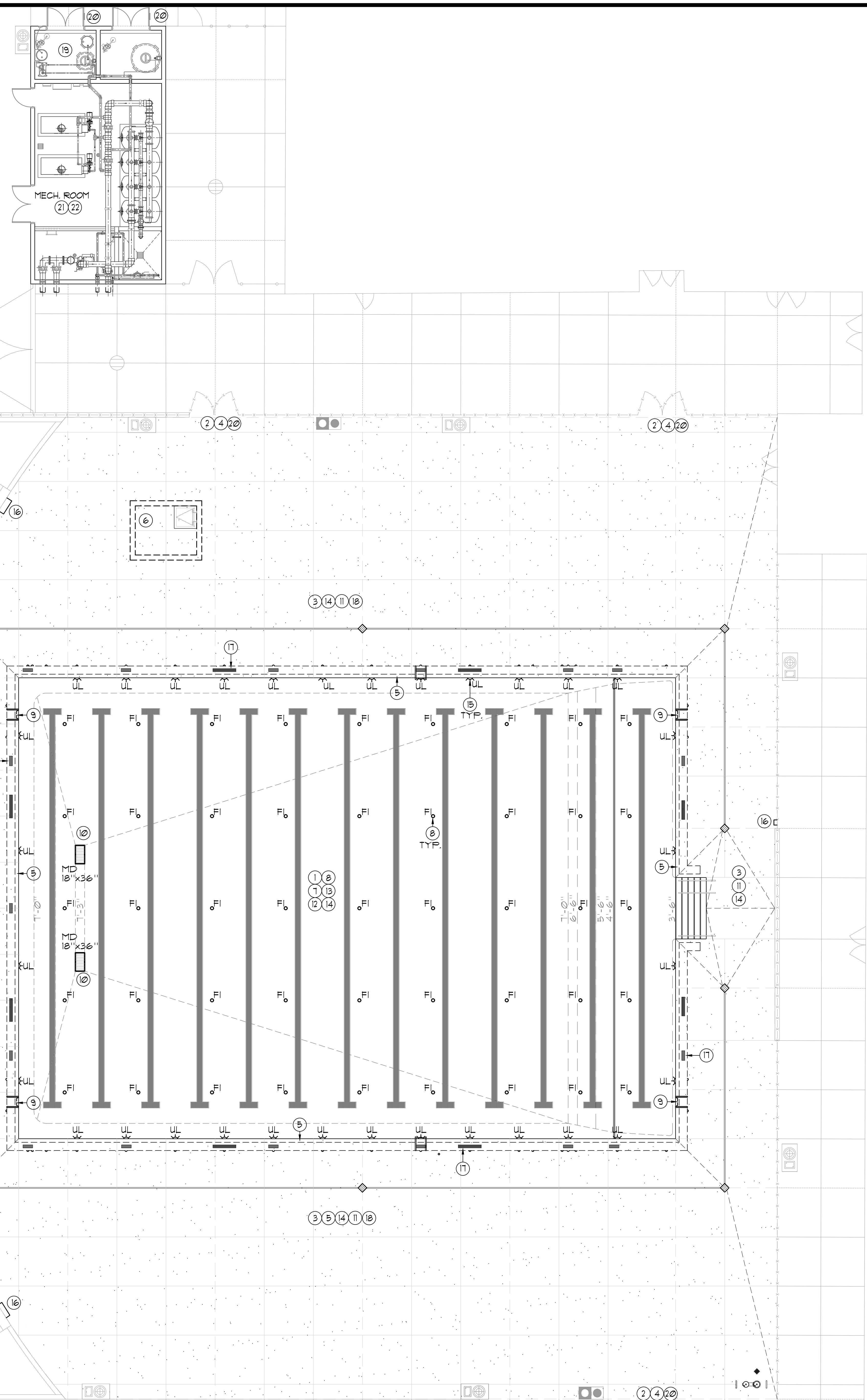
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CONSTRUCTION DETAILS



(E) SWIMMING POOL DATA

SURFACE AREA	=	8,083 SQ. FT.
PERIMETER	=	374 FT.
DEPTHS	=	3'-6" TO 7'-3"
VOLUME	=	399,286 GAL.
6 HR TURNOVER	=	1,110 GPM

LEGEND

MD	=	MAIN DRAIN	3	4
FI	=	FLOOR INLET	5	6
UL	=	UNDERWATER LIGHT	7	8
(E)	=	EXISTING		

DEMOLITION/CONSTRUCTION NOTES

- 1 THE CONTRACTOR SHALL COORDINATE DEMOLITION WITH OTHER TRADES, AND SHALL PROTECT ALL EXISTING WORK, BUILDINGS, UTILITIES, ETC. TO REMAIN AS REQUIRED FOR RENOVATION OF SWIMMING POOL.
- 2 COORDINATE INGRESS/EGRESS AND HAUL ROUTES WITH THE OWNER PRIOR TO START OF WORK.
- 3 POOL PLAN VIEWS AND SECTIONS ARE SHOWN FOR CONTRACTOR INFORMATION AND ASSISTANCE. THE CONTRACTOR IS RESPONSIBLE FOR INDIVIDUAL SQUARE FOOTAGE TAKE-OFFS AND ESTIMATIONS WITH REGARD TO DEMOLITION, PREPARATION, AS WELL AS MEANS AND METHODS OF CONSTRUCTION. CONTRACTOR SHALL VISIT THE SITE AS REQUIRED TO ACCOMPLISH THE WORK, AND TO BECOME FAMILIAR WITH SCOPE AND SERVICES OF WORK REQUIRED.
- 4 COORDINATE PROPOSED CONTRACTOR STAGING AREA WITH THE OWNER PRIOR TO CONSTRUCTION. PROVIDE TEMPORARY PHONE, TOILET(S), FENCING, GATES, ETC. AS REQUIRED.
- 5 REMOVE EXISTING WATERLINE / GUTTER CAP TILE, SWIMMING POOL LANE LINES AND END WALL TARGET TILE AND PLASTER FINISHES DOWN TO ORIGINAL SOUND CONCRETE/SHOTCRETE. ANY CRACKS SHALL BE CHIPPED OUT TO A MINIMUM TO 3/4"x3/4" AND THEN FILLED WITH NON-SHRINK GROUT. ALL EXPOSED REBAR, RUST SPOTS, ETC. SHALL BE EXPOSED, BUSHED DOWN 1/2" BELOW FINISHED SURFACE, ZINC COATED AND FILLED FLUSH WITH NON-SHRINK GROUT. OTHER IMPERFECTIONS IN THE POOL SHELL SHALL BE REPAIRED PRIOR TO INSTALLING A NEW WHITE PLASTER FINISH.
- 6 REMOVE EXISTING WATERPROOFING IN GUTTER AND SURGE CHAMBER AND SURGE CHAMBER LID AS PART OF DECK REPLACEMENT AND APPLY TWO (2) NEW COATS OF WATERPROOFING IN GUTTER AND SURGE CHAMBER PER SPECIFICATIONS. SURGE CHAMBER LID TO REMAIN PROTECTED IN PLACE.
- 7 PROVIDE NEW TILE AND PLASTER FINISHES PER PLANS. REPLACE ANY DAMAGED OR LOST POOL FITTINGS, GRATES, ROPE ANCHORS LOST DURING DEMOLITION/CONSTRUCTION AS REQUIRED.
- 8 REPLACE FLOOR INLET COVER PLATES, AND ANY DAMAGED INLETS COMPLETELY PER SPECIFICATIONS.
- 9 REMOVE AND PROTECT EXISTING GRABRAILS AND HANDRAILS DURING CONSTRUCTION AND CLEAN, POLISH AND REINSTALL AFTER WORK HAS BEEN COMPLETED. REMOVE AND REPLACE ALL EXISTING GRABRAIL STEPS. ONCE STEPS ARE REMOVED ALL RUST SPOTS SHALL BE EXPOSED, BUSHED DOWN 1/2" BELOW FINISHED SURFACE, ZINC COATED AND FILLED FLUSH WITH NON-SHRINK GROUT. THEN NEW CYCOLAC STEPS SHALL BE INSTALLED FLUSH WITH NON-SHRINK GROUT.
- 10 REMOVE EXISTING MAIN DRAIN FRAMES AND GRATES AND INSTALL NEW 18"x36" LAWSON AQUATICS® MLD-FG-18X36 FRAME AND GRATES WITH NEW HYDROSTATIC RELIEF VALVE. THE CONTRACTOR SHALL MAINTAIN SYSTEM PRESSURE PLANT. THE CONTRACTOR SHALL ENSURE THAT MAIN DRAINS MEET CURRENT STANDARDS AND ARE CERTIFIED WITH CURRENT REQUIREMENTS.
- 11 THE CONTRACTOR SHALL ENSURE THAT ALL SURFACES ARE PREPARED TO RECEIVE PLASTER FINISH. WEATHER CONDITIONS SHALL BECOME A CRITICAL PART OF WORK AND SHALL BE TAKEN INTO CONSIDERATION AT THE TIME OF PLASTER APPLICATION.
- 12 THE CONTRACTOR SHALL PROVIDE A SUFFICIENT NUMBER OF WORKERS TO INSURE THAT THE ENTIRE POOL CAN BE PLASTERED IN A SINGLE DAY OR SHALL PROVIDE CONTINUAL MISTING OF PLASTERED SURFACES TO INSURE THAT PLASTER IS NOT EXPOSED TO THE AIR FOR A PERIOD OF TIME WHICH WOULD CAUSE DAMAGE IN ANY WAY.
- 13 THE OWNER SHALL IDENTIFY THE POOL FILL WATER SOURCE FROM CLOSEST FIRE HYDRANT AND SHALL FURNISH THE WATER TO FILL THE POOL. THE CONTRACTOR IS RESPONSIBLE FOR FIRE HOSE, HOSES FILLING AND DOMESTIC WATER SOURCE. THE CONTRACTOR SHALL PROVIDE CONTINUOUS FILL UNTIL THE WATER IS AT OPERATIONAL LEVEL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND BALANCING OF THE POOL WATER FOR A PERIOD OF NOT LESS THAN FOURTEEN (14) DAYS AFTER PLASTER. THE CONTRACTOR SHALL COORDINATE HIS EFFORTS WITH OWNER'S STAFF TO PROVIDE INSTRUCTION AND TRAINING IN PROPER OPERATION OF POOL IN CONJUNCTION WITH NEW PLASTER SURFACES.
- 14 CONTRACTOR IS TO PHOTOGRAPH AND DOCUMENT ON A PLAN ANY AND ALL EXISTING DAMAGED ITEMS/SURFACES FINISHES IN AREA AND AROUND THE WORK AREA AND ALONG ALL WORK PATHS FROM STAGING AREA PRIOR TO THE START OF WORK. CONTRACTORS IS TO SITE WALK ALL EXISTING DAMAGE AREAS WITH THE OWNER AND PROVIDE A COPY OF THE PHOTOGRAPHS AND DOCUMENTATION BEFORE WORK BEGINS. FAILURE TO PROVIDE THIS INFORMATION REPRESENTS ACCEPTANCE BY THE CONTRACTOR. CONTRACTOR SHALL MAINTAIN AND CORRECT ANY DAMAGE LATER FOUND BY THE OWNER DURING CONSTRUCTION PERIOD IN THESE AREAS AT NO EXPENSE TO THE OWNER.
- 15 EXISTING UNDERWATER LIGHTS SHALL BE REMOVED AND REPLACED WITH NEW LED LIGHTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE CONDITION OF EACH EXISTING POOL LIGHT NICHE TO ENSURE THEY ARE NOT DAMAGED AND HAVE BEEN INSTALLED IN ACCORDANCE WITH ARTICLE 680 OF THE NEC. THE CONTRACTOR SHALL DETERMINE THE CORRECT SIZE AND THE TYPE OF REPLACEMENT POOL LIGHT FIXTURE THAT CAN BE PROPERLY USED TO FIT AND SECURE INTO THE EXISTING NICHE. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE PILOT HOLE THREADS AND NICHE HOOK AT EACH EXISTING POOL LIGHT NICHE ARE NOT DAMAGED AND ARE COMPLETELY INTACT AND READY TO RECEIVE A NEW POOL LIGHT FIXTURE. (OR BUILDING DEPARTMENT TO REVIEW AND APPROVE INSTALLATION PRIOR TO PLASTERING THE POOL.
- 16 EXISTING UNDERWATER LIGHT JUNCTION BOXES AND OUTLETS TO REMAIN PROTECTED IN PLACE AND REUSED.
- 17 EXISTING DEPTH MARKER AND WARNING MARKERS TO REMAIN PROTECTED IN PLACE.
- 18 CONTRACTOR SHALL PROVIDE A PRICE PER SQUARE FOOT TO REPAIR AND REPLACE AND DAMAGED DECK AS INDICATED BY THE OWNER. CANTILEVER FACE DAMAGE SHALL BE EITHER EPXY REPAIR OR RUST SPOTS SHALL BE BUSHED DOWN, ZINC COATED AND PATCHED WITH NON-SHRINK GROUT.
- 19 CONTRACTOR SHALL PROVIDE SEISMIC STRAPPING FOR EXISTING ACID TANK PER DETAILS PROVIDED IN THIS SET. EXISTING CHEMICAL TANK SHALL BE SAFELY DRAINED OF ACID AND NEW SEISMIC STRAPPING SHALL BE ADDED. NEW HOUSEKEEP PAD SHALL BE PROVIDED TO ENSURE PROPER ANCHORAGE DEPTH. RECONNECT EXISTING ACID TANK AND PROVIDE A FULLY FUNCTIONING ACID SYSTEM WITH PROPER SAFEGUARDS TO ENSURE ACID CANNOT DISPENSE UNLESS SYSTEM CIRCULATION FLOW IS DETECTED PER CODE.
- 20 CONTRACTOR SHALL PROVIDE NEW 'KEEP CLOSED' SIGNAGE AT EACH GATE TO THE POOL AREA AS WELL AS NEW NFPA SAFETY SIGNS ON EACH MECHANICAL ROOM HOUSING CHEMICAL STORAGE. A NEW CARBON DIOXIDE DETECTOR SHALL BE ADDED IN THE CHEMICAL STORAGE ROOM. PROVIDE AN ANALOX AX60+ AFI CO2 SENSOR AND STROBE KIT.
- 21 CONTRACTOR SHALL REMOVE EXISTING SAND IN HIGH RATE SAND FILTERS, REPAIR AND REPLACE ALL LATERALS AND ANY OTHER FITTINGS OR LEAKS DETECTED AND FILL OVERHAULED FILTERS WITH GLASS ACTIVATED FILTER MEDIA PER SPECIFICATIONS. CONTRACTOR SHALL ALSO PROVIDE NEW BECYS SYSTEM PROBES, NEW ROTARY FLOW SWITCH AND PROVIDE A COMPLETELY FUNCTIONAL AND OPERATIONAL WATER CHEMISTRY CONTROL MONITORING AND DISTRIBUTION SYSTEM ON EXISTING BECYS T CONTROLLER.
- 22 CONTRACTOR SHALL REMOVE EXISTING HEATERS AND REPLACE WITH NEW PER MR-1. ALL EXISTING PIPING, FLUES AND VALVING SHALL BE REUSED IF IN GOOD OPERABLE CONDITION WITHOUT ANY WEAR OR DAMAGE BUT SHALL BE REPLACED IF DAMAGED WITH NEW. INTEGRATE NEW HEATER COMMUNICATION AND RELAYS INTO WATER CHEMISTRY CONTROLLER.

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SHEET TITLE
**SWIMMING POOL
 DEMOLITION PLAN**

PROJECT NAME
**STAGG HIGH SCHOOL
 POOL REPLASTER
 AND RENOVATION**

PROJECT ADDRESS
**1621 BROOKSIDE RD
 STOCKTON, CA 95207**

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



SWIMMING POOL DEMOLITION PLAN

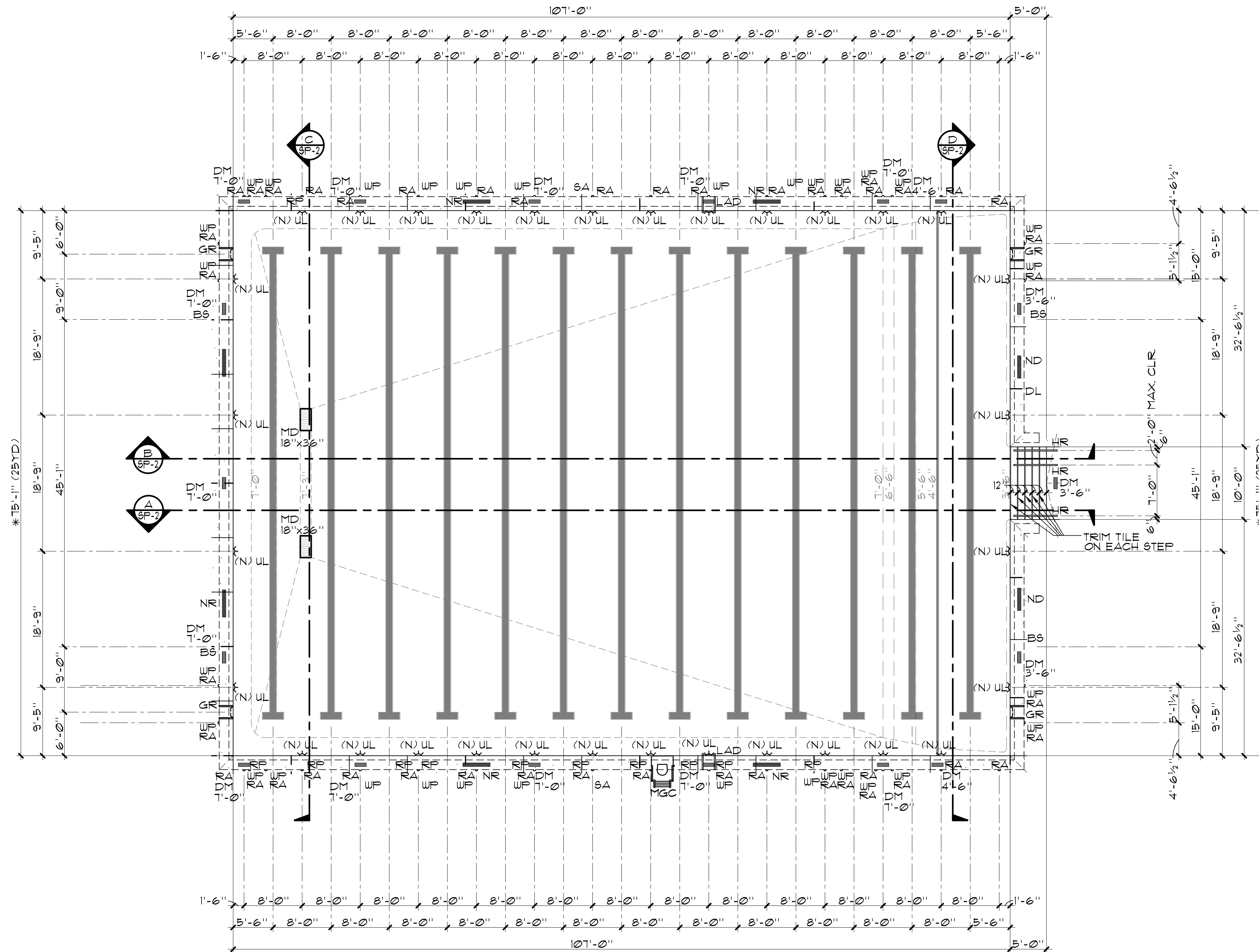
1/8"=1'-0"

SWIMMING POOL DATA

SURFACE AREA	=	8,083 SQ. FT.
PERIMETER	=	374 FT.
DEPTHS	=	3'-6" TO 7'-3"
VOLUME	=	399,286 GAL.
6 HR TURNOVER	=	1,110 GPM

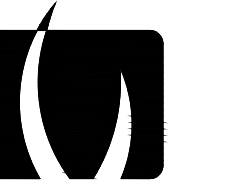
LEGEND

MD	=	MAIN DRAIN	
RA	=	ROPE ANCHOR	
UL	=	UNDERWATER LIGHT	
DM	=	DEPTH MARKER	
NR	=	NO RUNNING	
ND	=	NO DIVING	
GR	=	GRABRAIL	
RP	=	RACING PLATFORM	
BS	=	BACKSTROKE STANCHION	
AL	=	ACCESSIBLE LIFT	
MGC	=	MOVEABLE GUARD CHAIR	



CERTIFICATION REQUIREMENTS

* THE CONTRACTOR SHALL RETAIN AN INDEPENDENT LICENSED SURVEYOR TO PROVIDE PROOF OF COMPLIANCE FOR REQUIRED POOL LENGTHS AS FOLLOWS:
 SHORT COURSE - 25YDS. (ALLOW FOR TOUCH PADS AT ONE END) 15'-0" 5/16" MIN.; 15'-1 3/16" MAX.
 TOLERANCE AGAINST LENGTH SHALL EXTEND IN A VERTICAL PLANE 0.3M (12") ABOVE AND 0.2M (8") BELOW THE SURFACE OF THE WATER AT ALL POINTS OF BOTH END WALLS TYP. OF ALL COURSES.
 ** ADDITIONALLY ALL POOL DEPTHS SHALL BE CERTIFIED AND 1M AND 3M DIVING DIMENSIONS SHALL BE CERTIFIED AND PROVIDED TO THE SCHOOL DISTRICT.
 THE INDEPENDENT LICENSED SURVEYOR SHALL FILL OUT, NOTARIZE AND FILE OFFICIAL CERTIFICATION FORM(S) WITH USA SWIMMING.



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SHEET TITLE
SWIMMING POOL LAYOUT PLAN

PROJECT NAME
STAGG HIGH SCHOOL POOL REPLASTER AND RENOVATION

PROJECT ADDRESS
**1621 BROOKSIDE RD
 STOCKTON, CA 95207**

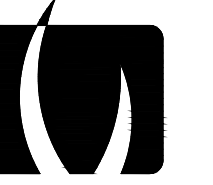
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100% RE-SUBMITTAL	03/15/24

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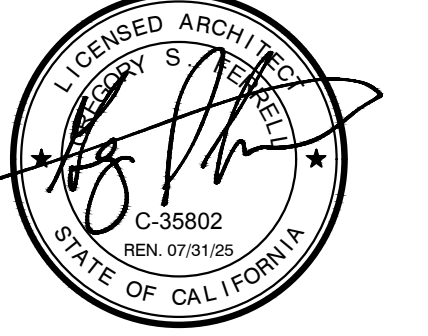
PROJ. NO.: 2313100
 SHEET NO.: SP-1





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CONSULTANT

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SHEET TITLE

SWIMMING POOL SECTIONS

PROJECT NAME

**STAGG HIGH SCHOOL
 POOL REPLASTER
 AND RENOVATION**

PROJECT ADDRESS

**1621 BROOKSIDE RD
 STOCKTON, CA 95207**

SUBMITTAL

SUBMITTAL	DATE
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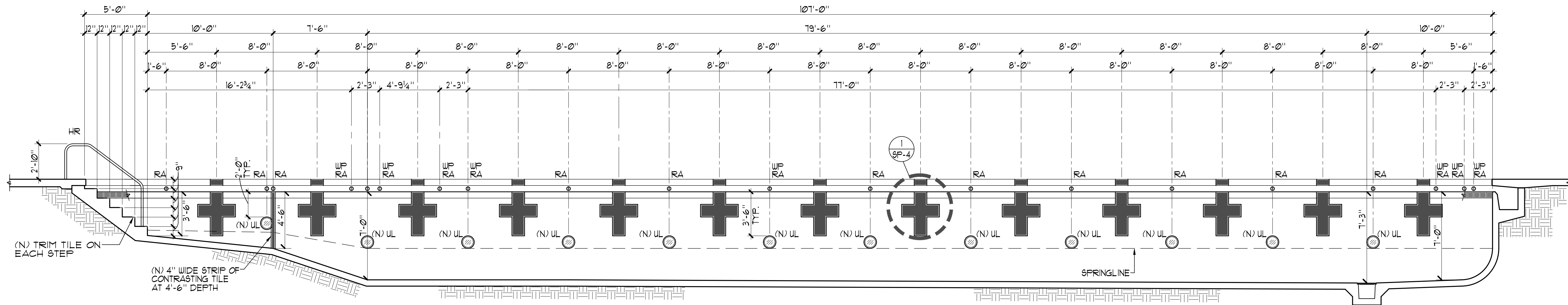
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2313100

SHEET NO.

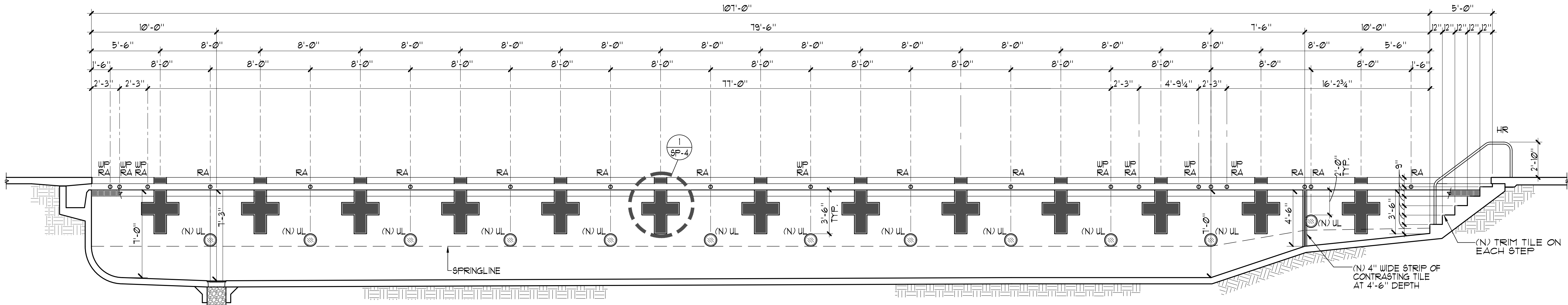
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SWIMMING POOL SECTIONS



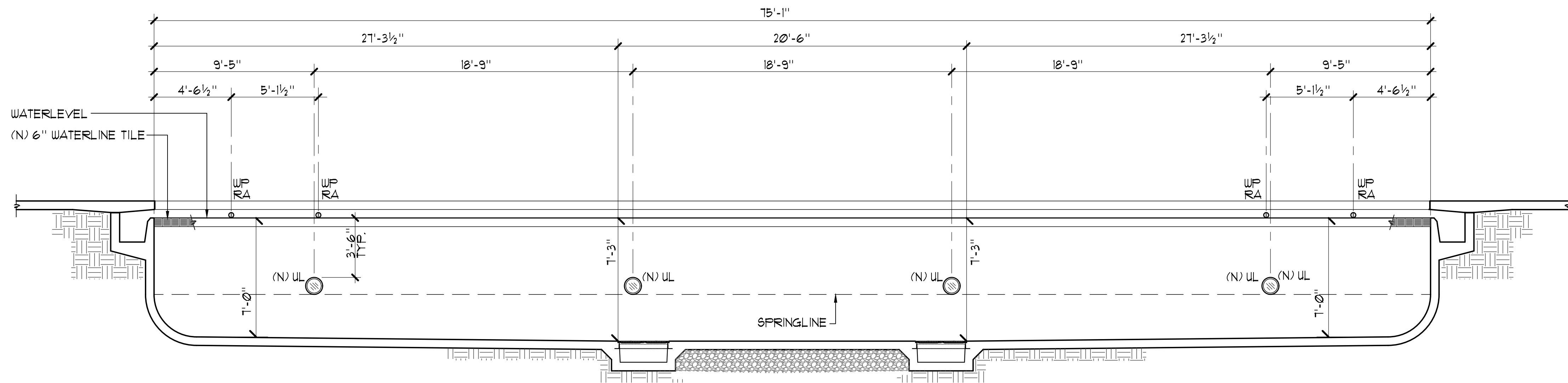
SWIMMING POOL SECTION PLAN

1/4"=1'-0"



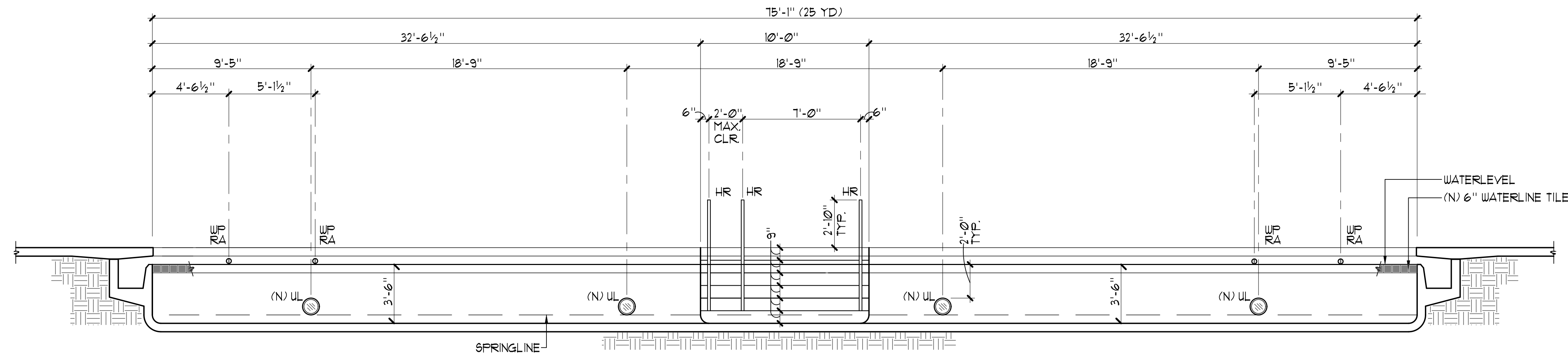
SWIMMING POOL SECTION PLAN

1/4"=1'-0"



SWIMMING POOL SECTION PLAN

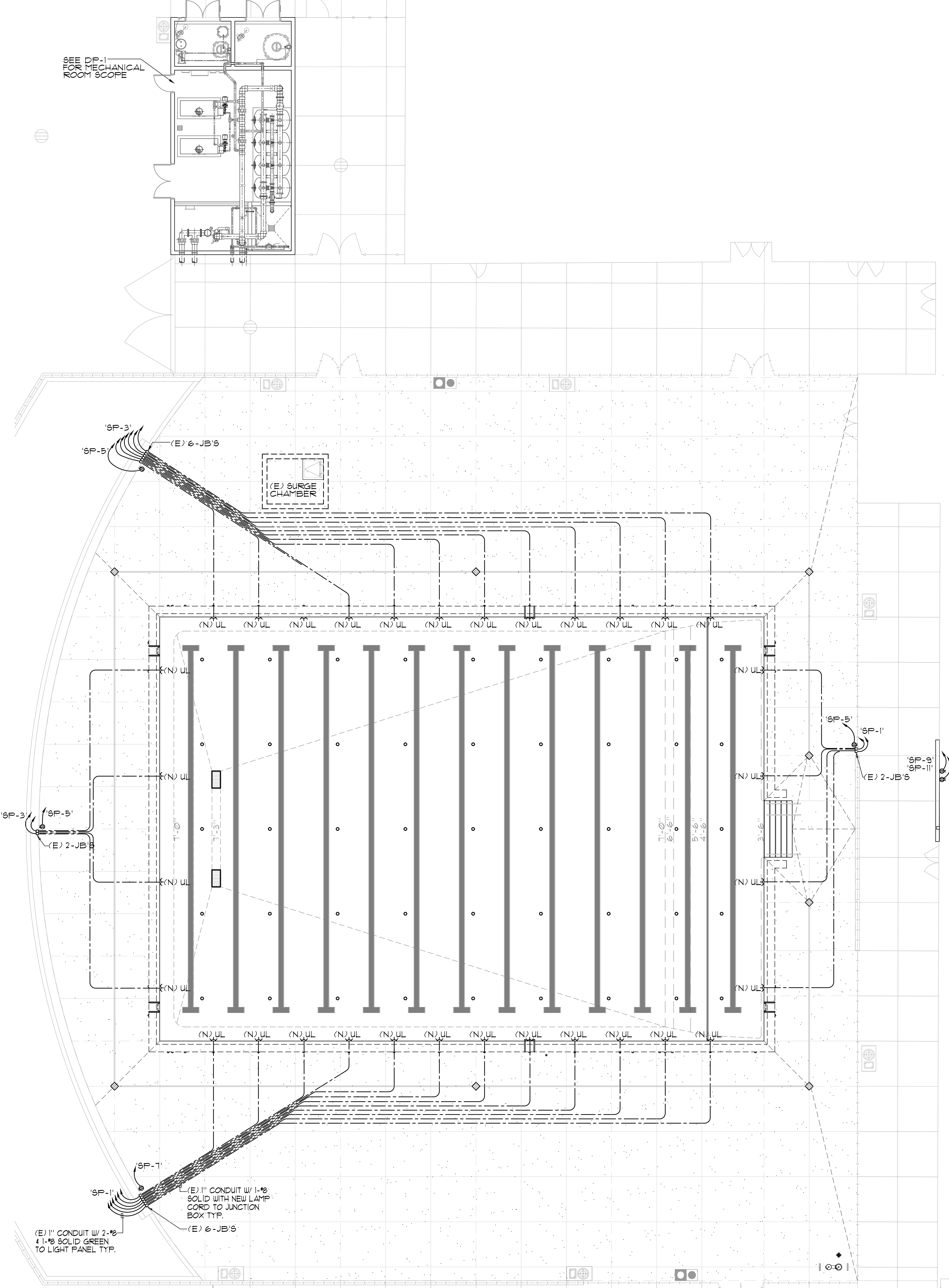
1/4"=1'-0"



SWIMMING POOL SECTION PLAN

1/4"=1'-0"

SEE DP-1 FOR MECHANICAL ROOM SCOPE



(E) SWIMMING POOL DATA

SURFACE AREA	=	8,083 SQ. FT.
PERIMETER	=	374 FT.
DEPTHS	=	3'-6" TO 7'-3"
VOLUME	=	399,286 GAL.
6 HR TURNOVER	=	1,110 GPM

LEGEND

UL	=	UNDERWATER LIGHT	
JB	=	JUNCTION BOXES	
(E)	=	EXISTING	
(N)	=	NEW	



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SHEET TITLE
SWIMMING POOL UNDERWATER LIGHT PLAN

PROJECT NAME
STAGG HIGH SCHOOL POOL REPLASTER AND RENOVATION

PROJECT ADDRESS
**1621 BROOKSIDE RD
 STOCKTON, CA 95207**

SUBMITTAL	DATE
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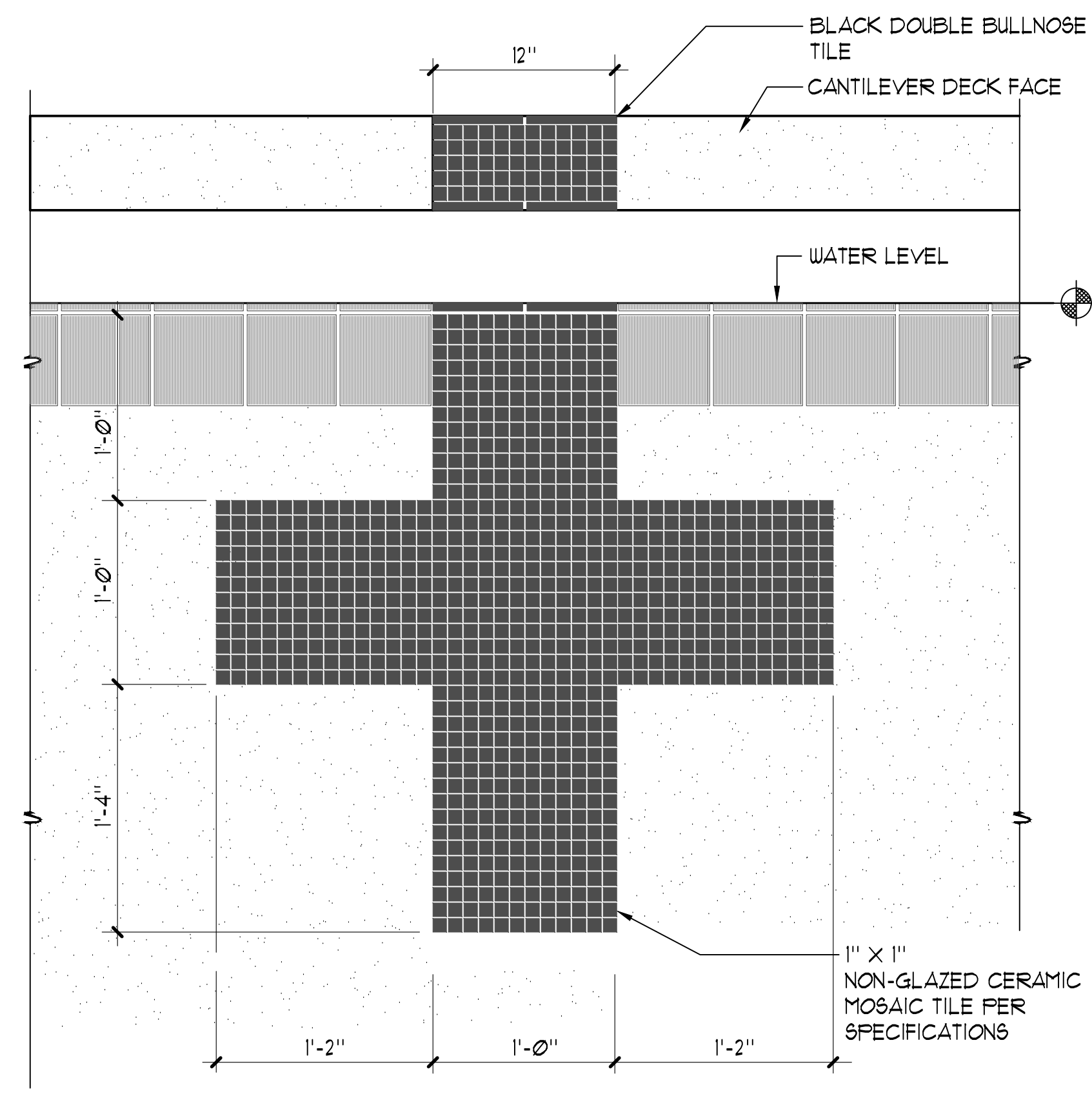
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PROJ. NO. **2313100**
 SHEET NO. **SP-3**

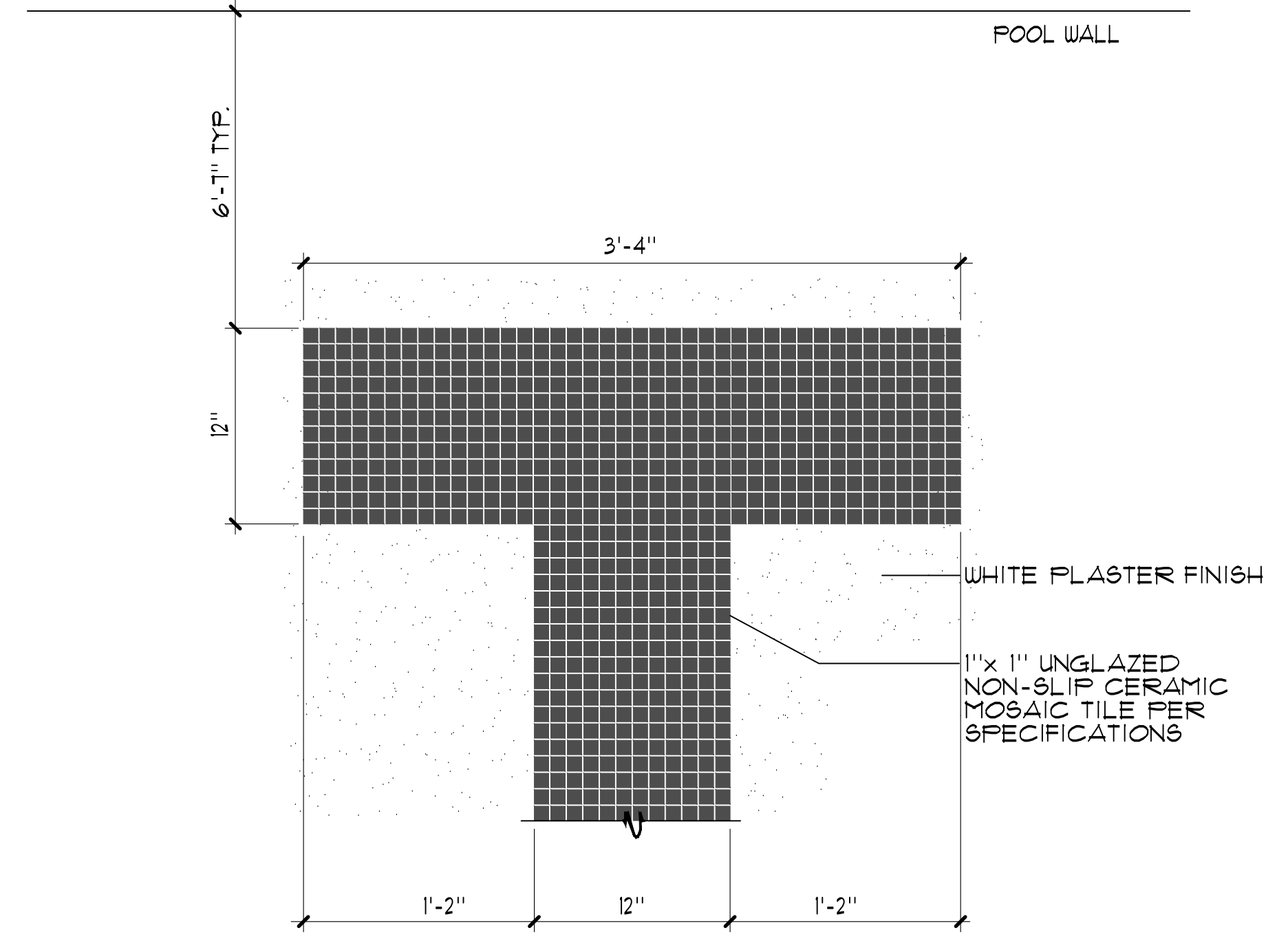
SWIMMING POOL UNDERWATER LIGHTING PLAN

1/8"=1'-0"

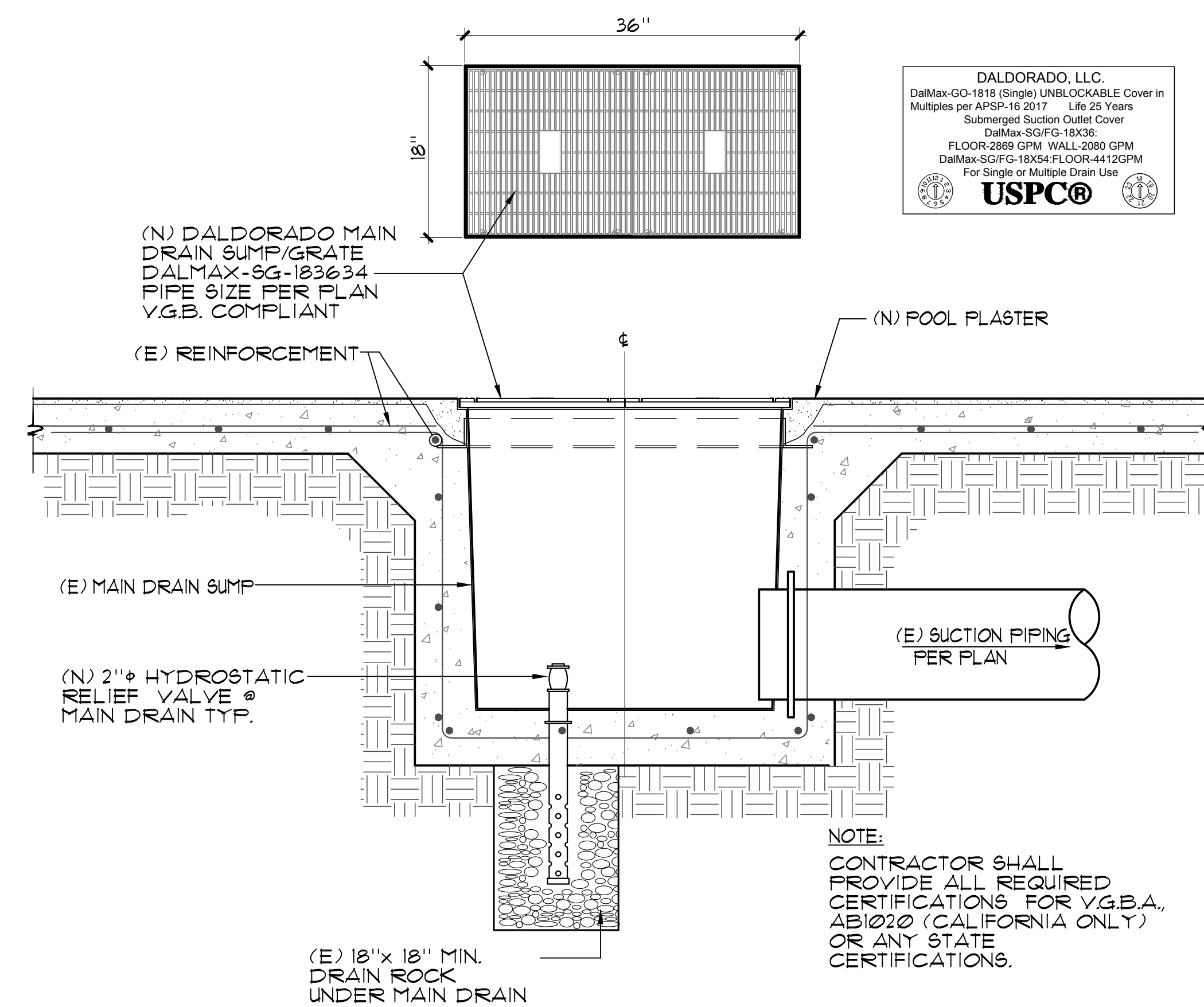




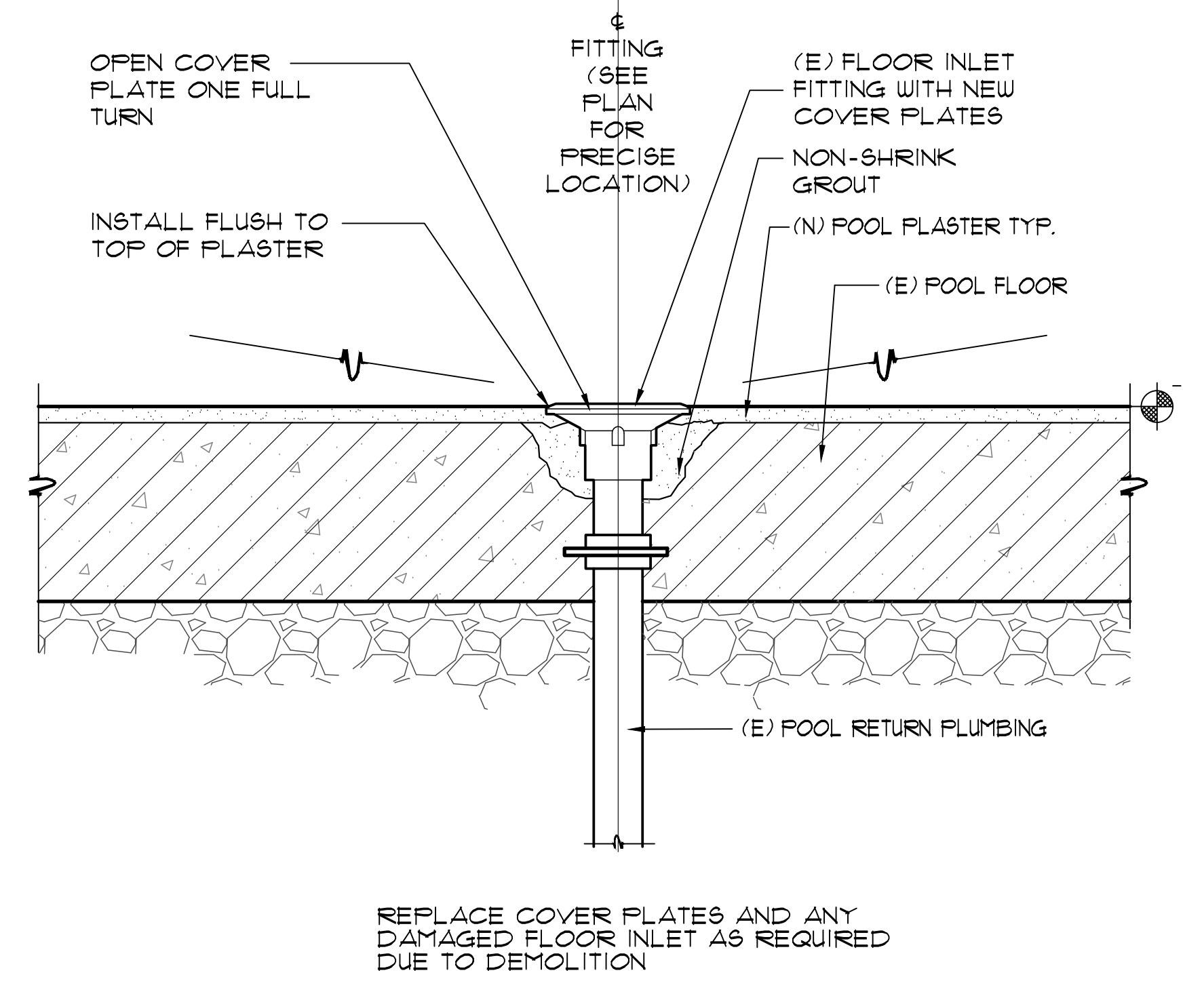
1 END WALL TARGETS 1/2" = 1'-0"



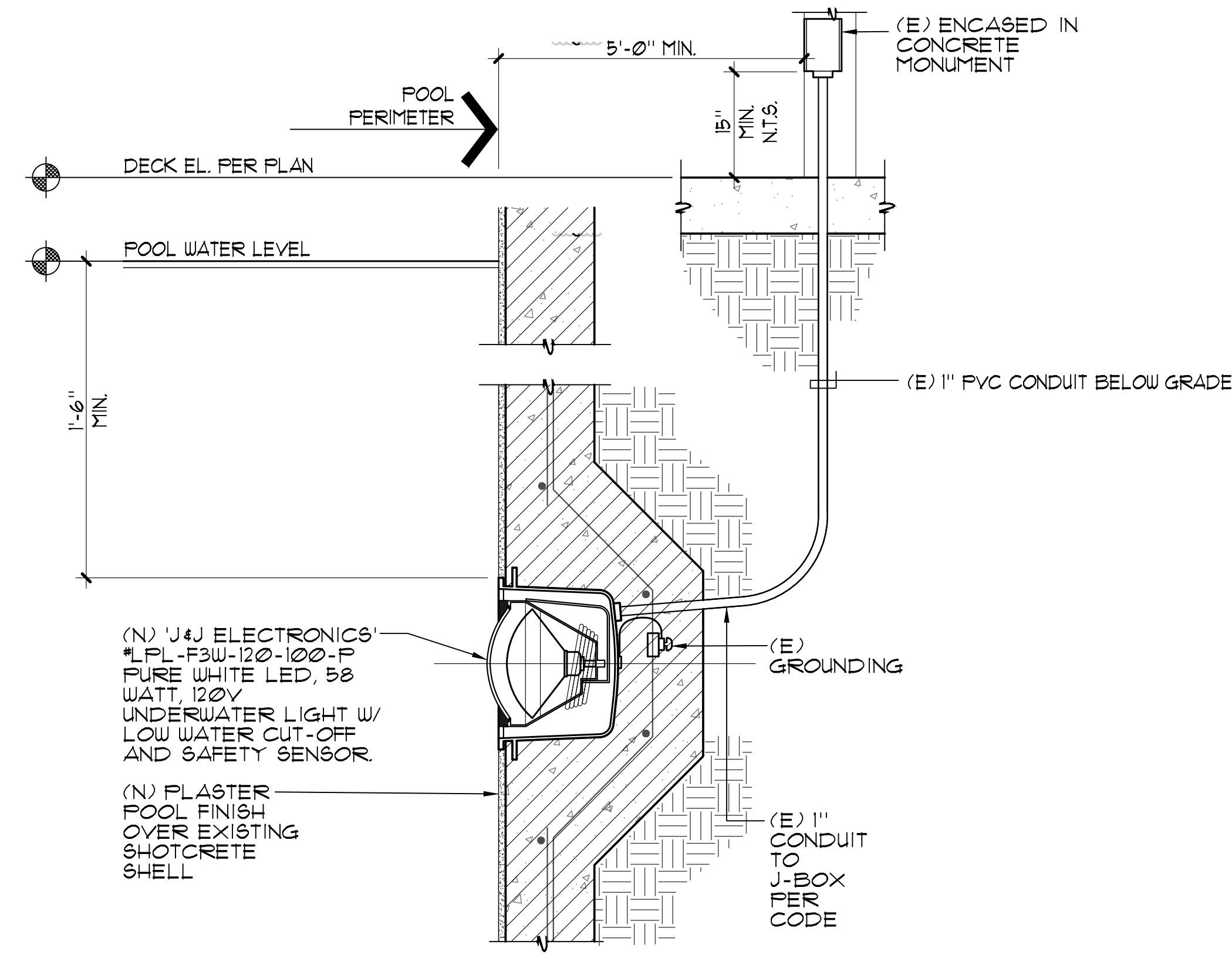
2 RACING LANE LINE 1/2" = 1'-0"



3 MAIN DRAIN 1" = 1'-0"

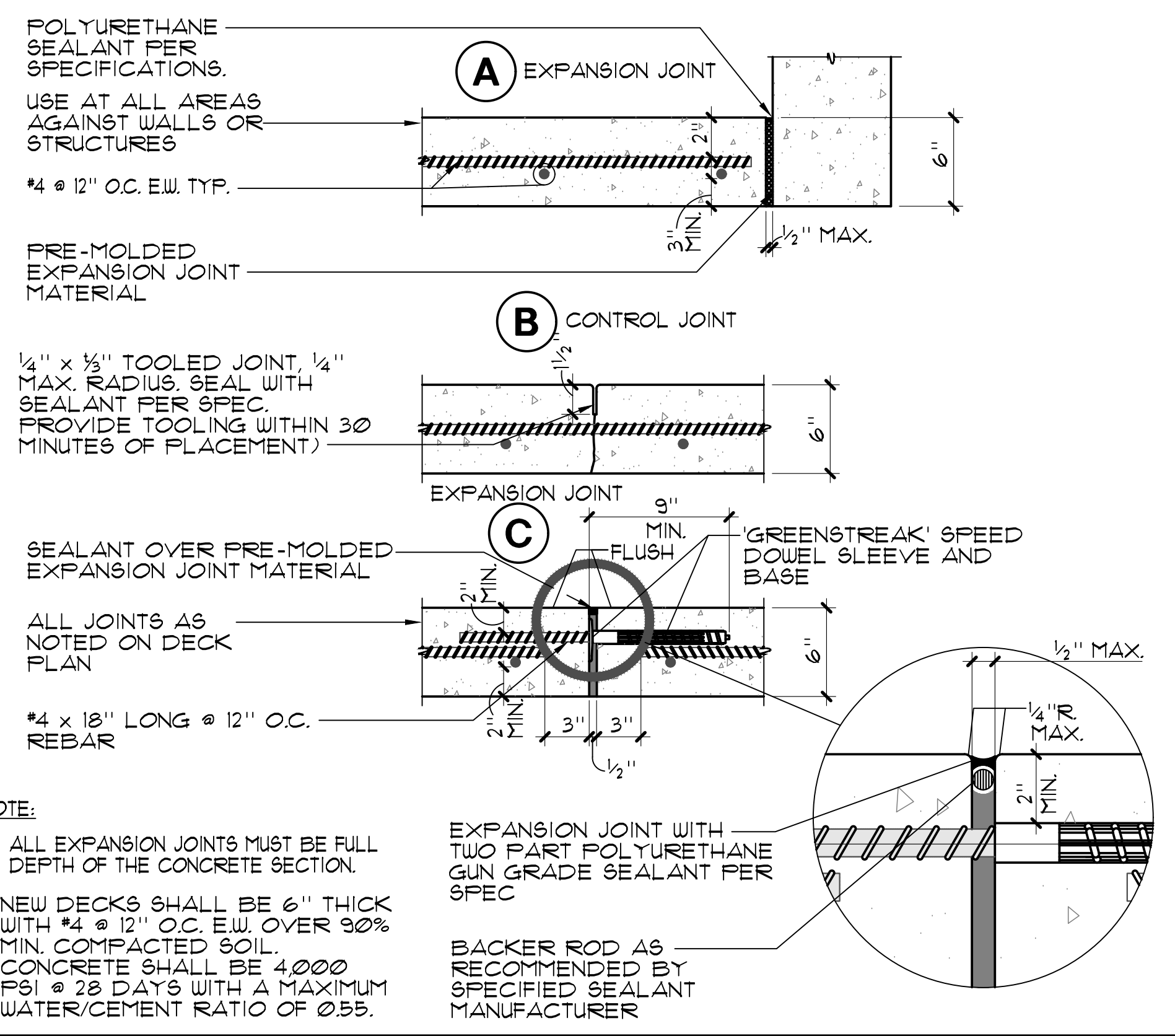


4 FLOOR INLET 3/4" = 1'-0"



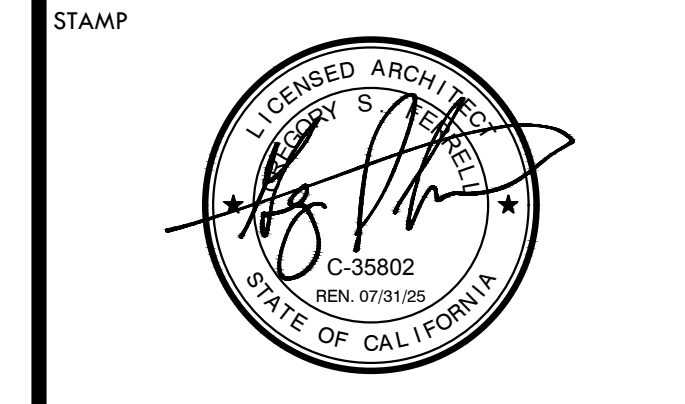
5 UNDERWATER LED LIGHT 1/2" = 1'-0"

- UNDERWATER LIGHT NOTES:**
1. ALL NEW CONDUITS IN POOL LIGHTING SYSTEM IF REQUIRED TO BE A MINIMUM OF 1".
 2. LOCAL, COUNTY OR CITY CODES SHALL BE ADHERED TO, SPECIFICATIONS TO BE IN ACCORDANCE WITH SECTION 600 OF LATEST N.E.C. BOOK.
 3. CONTRACTOR SHALL TEST UNDERWATER POOL LIGHT GFCI CIRCUITS AND PROVIDE LETTER TO OWNER/D&A UPON SUCCESSFUL TEST.
 4. SEAL CONDUIT OPENING IN LIGHT NICHE WITH SILICON CAULKING AFTER LIGHT IS INSTALLED.
 5. PRIOR TO LIGHT INSTALLATION, PROVIDE MINIMUM 10 PSI PRESSURE TEST ON ALL POOL LIGHT CONDUITS FOR FOUR (4) HOURS OBSERVED BY INSPECTOR OF RECORD. MAINTAIN PRESSURE UNTIL ALL DECKS ARE POURED.



6 CONCRETE DECK JOINT DETAILS 1/2" = 1'-0"

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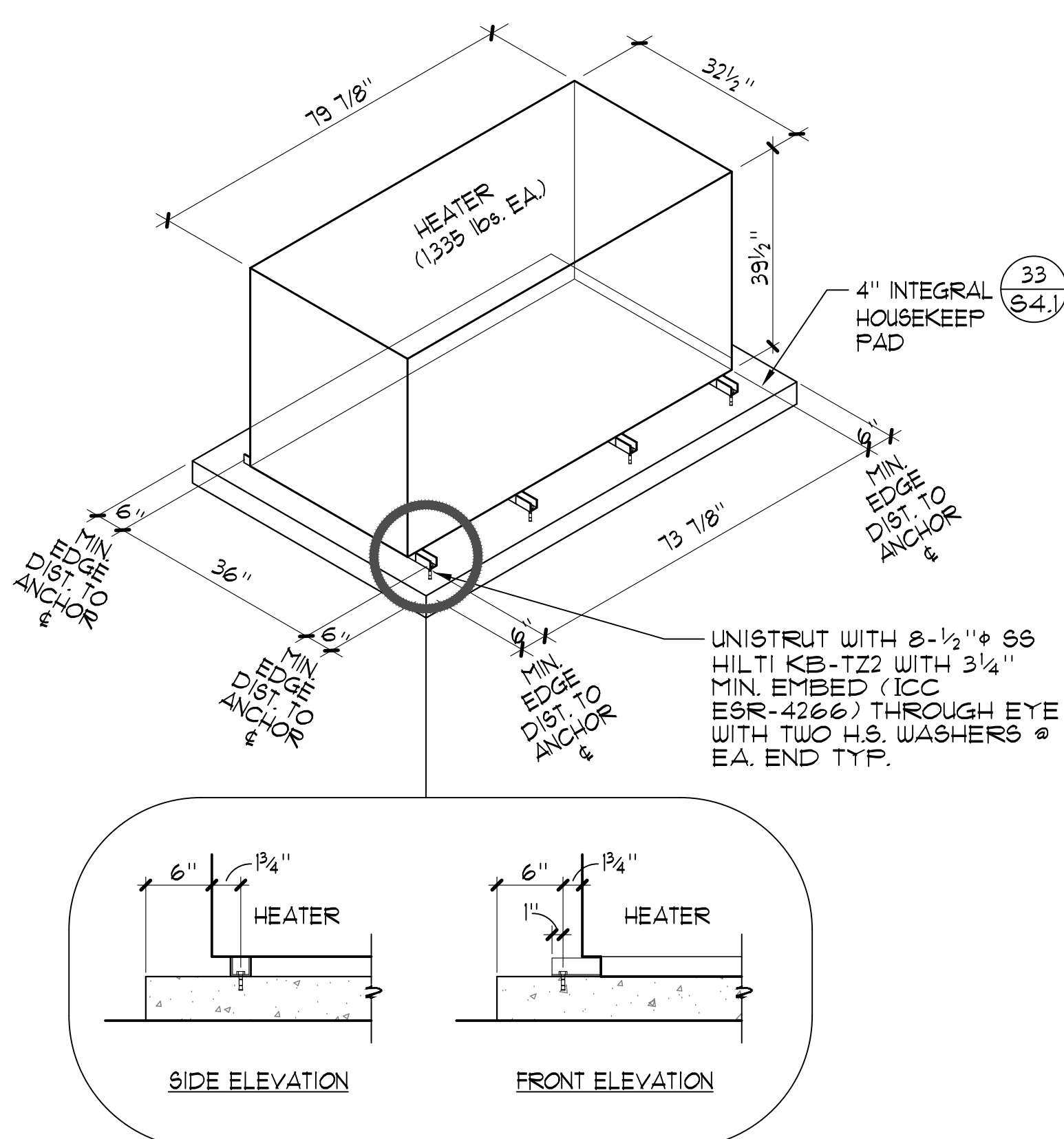
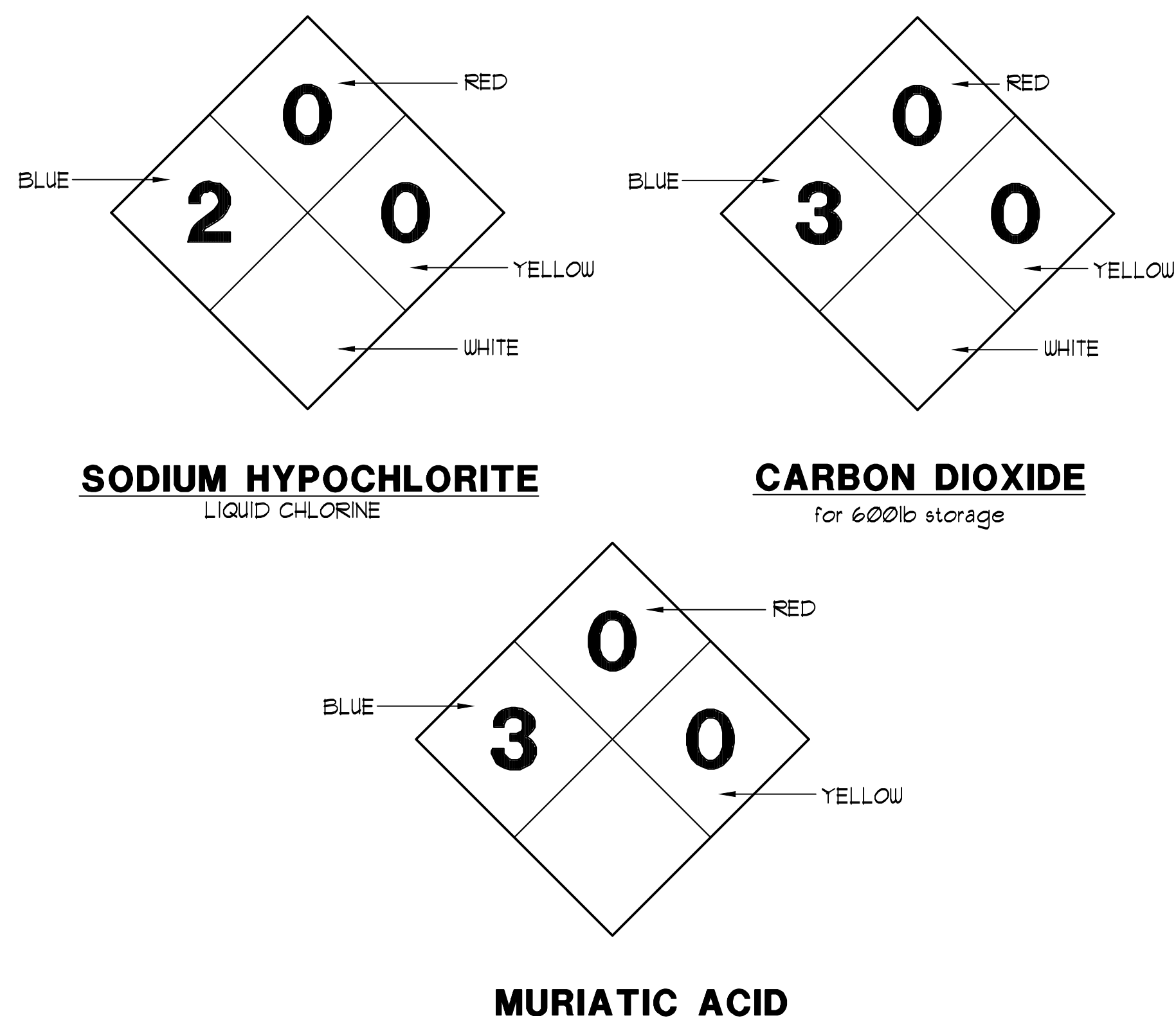
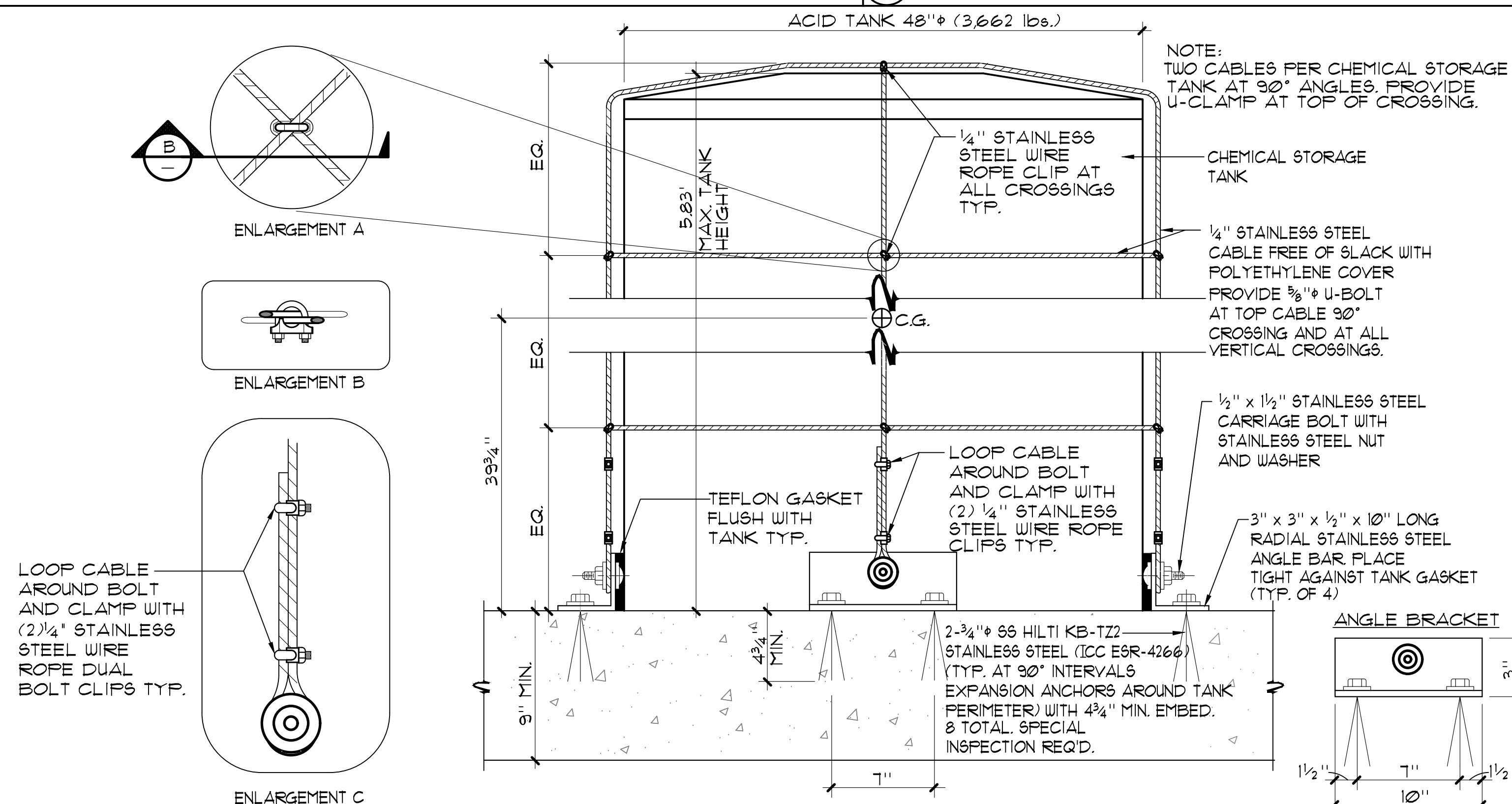
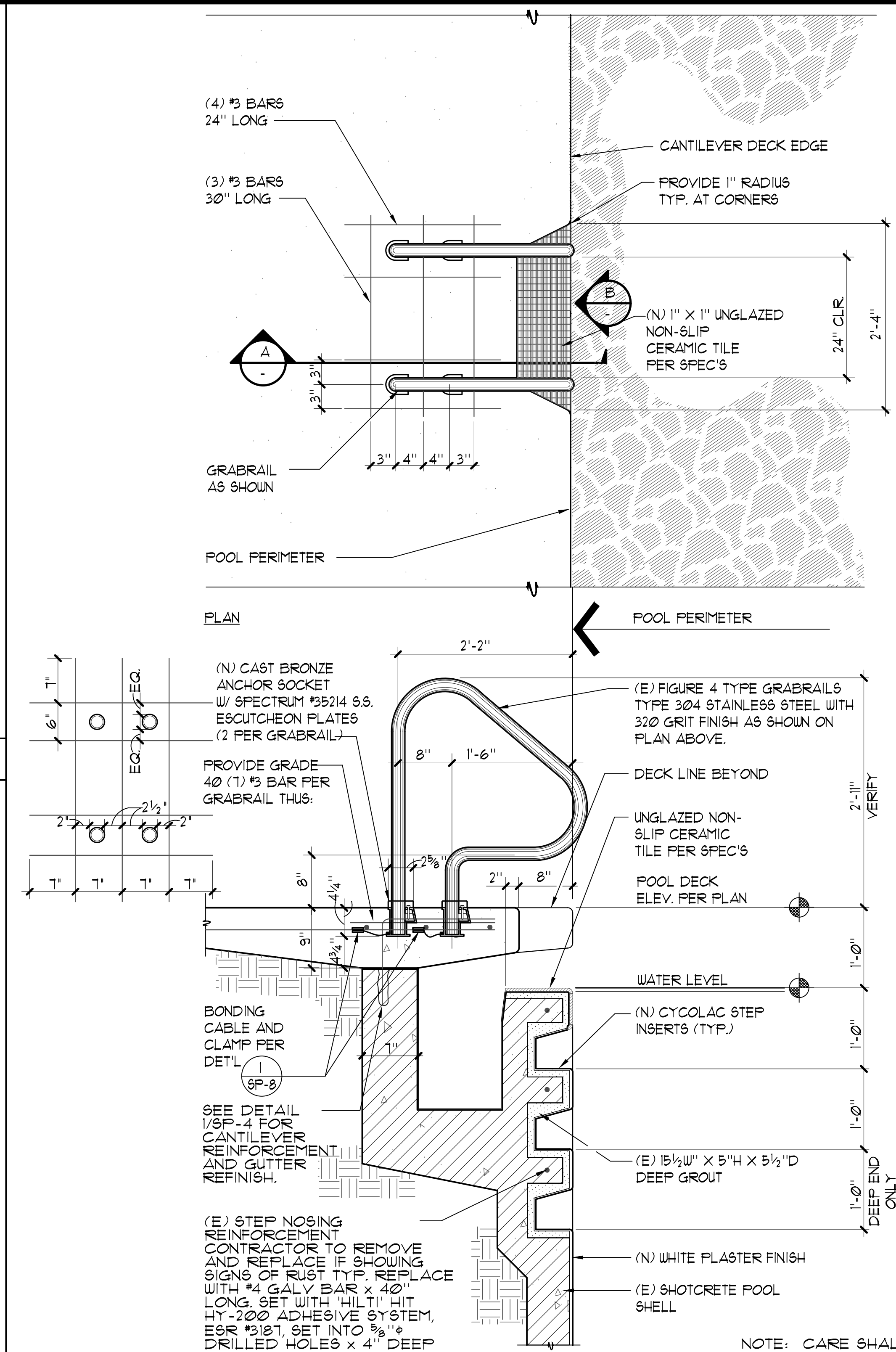
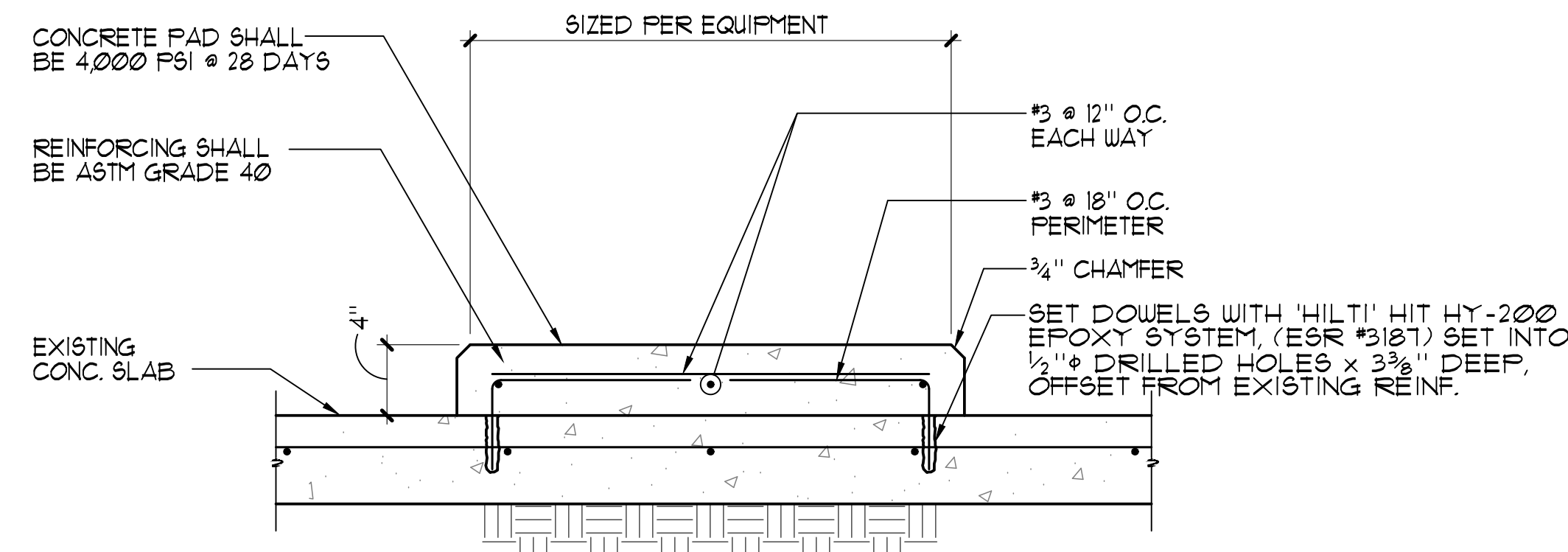
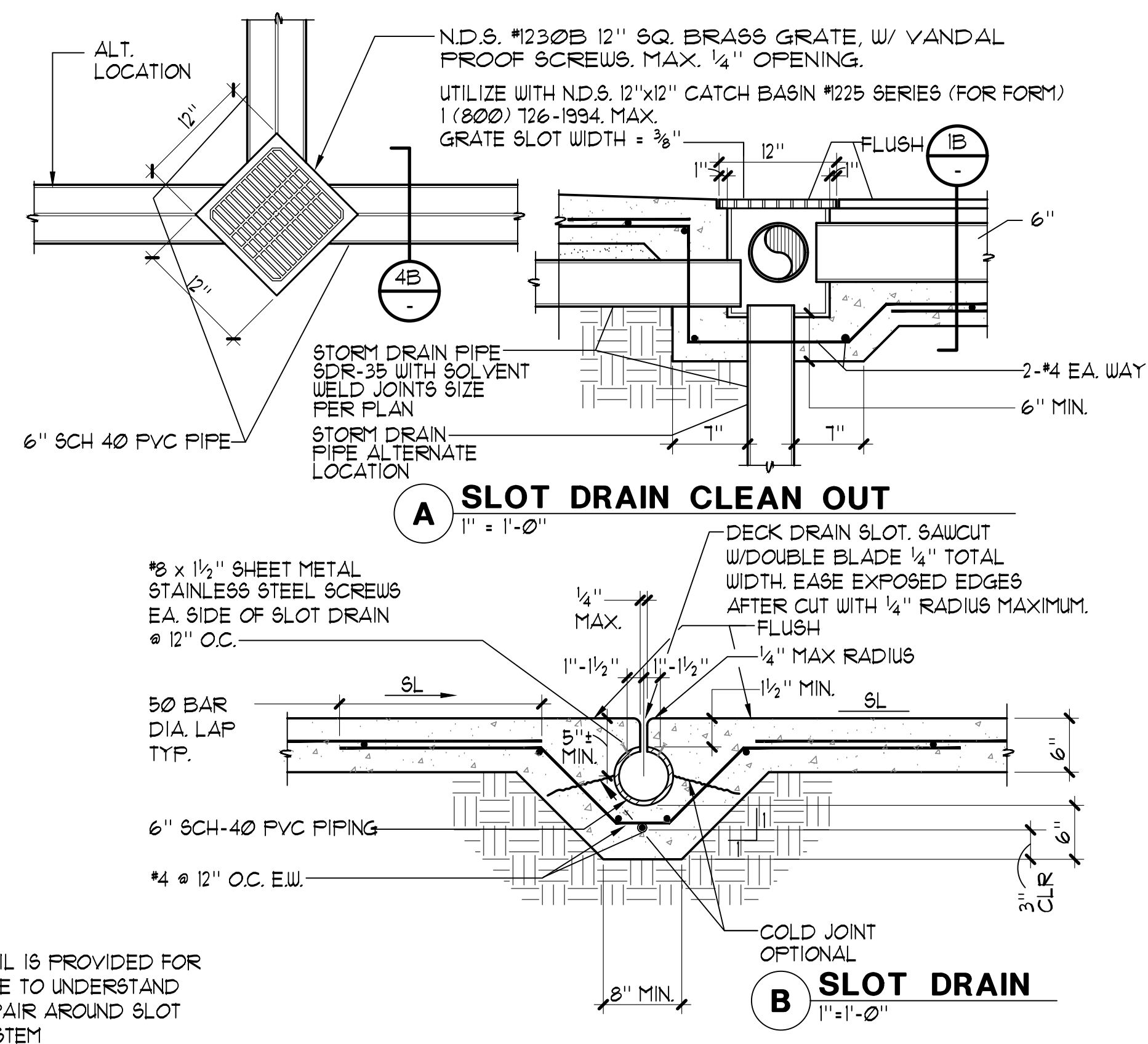
PROJECT ADDRESS
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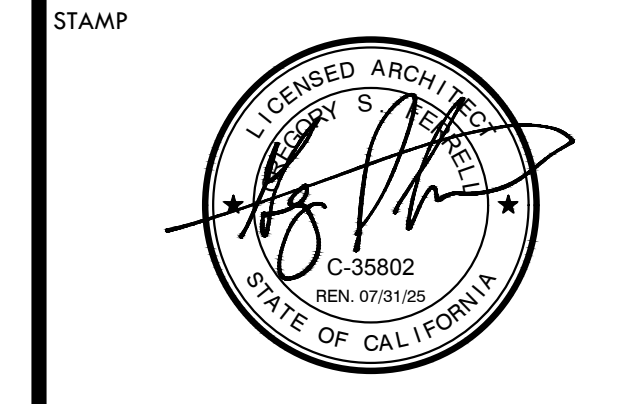
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SHEET TITLE
DETAILS

PROJECT NAME
STAGG HIGH SCHOOL POOL REPLASTER AND RENOVATION

PROJECT ADDRESS
1621 BROOKSIDE RD STOCKTON, CA 95207

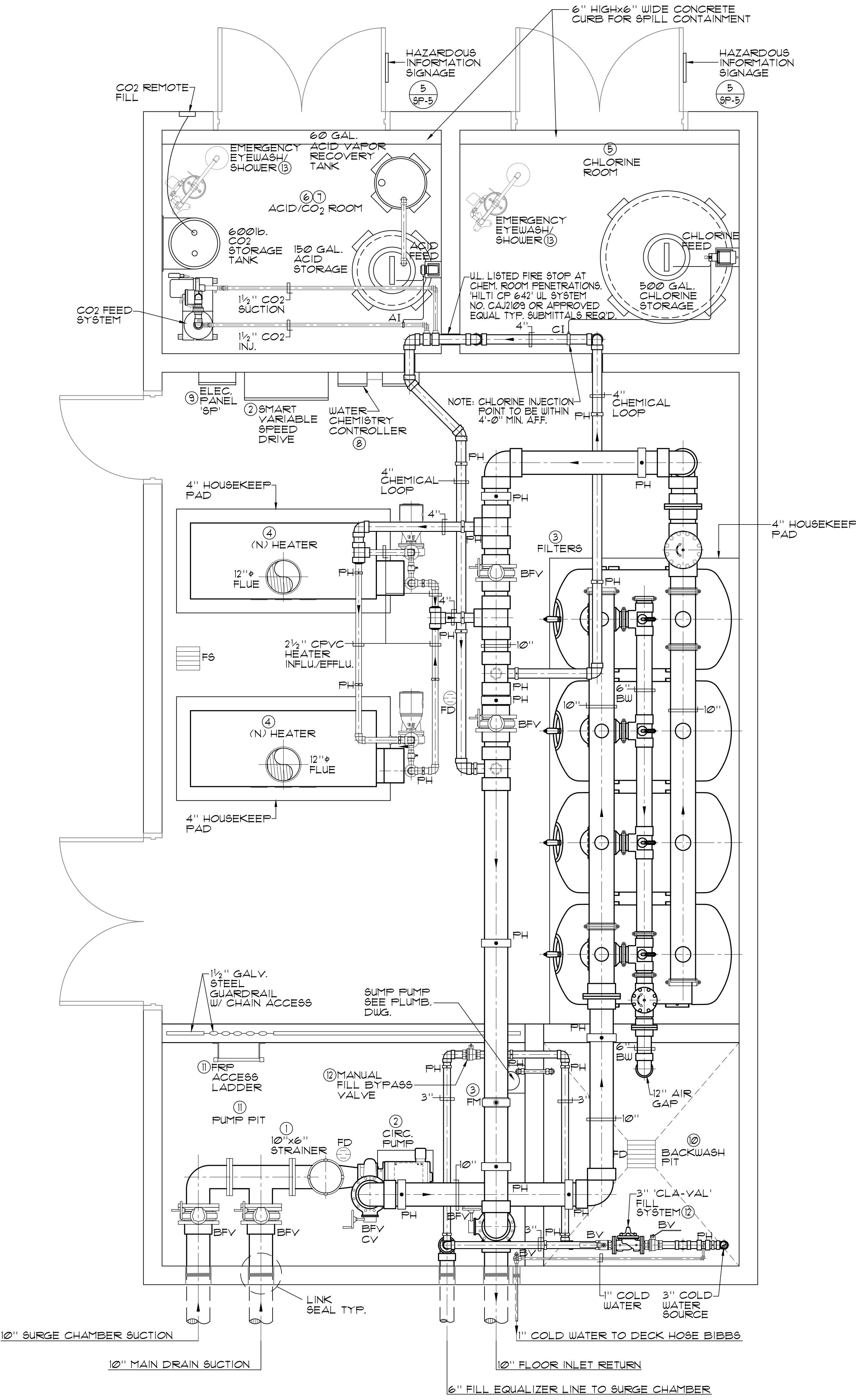
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SHEET NO. **SP-5**

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EQUIPMENT LIST

- ① EXISTING SWIMMING POOL STRAINER: 'MER-MADE' F.O. SERIES FRP REDUCING BASKET STRAINER: ONE (1) 10"x6" STANDARD WITH ACRYLIC LID AND TUB (2) STAINLESS STEEL STRAINERS EA. (150lbs.)
- ② EXISTING SWIMMING POOL CIRCULATION PUMP: 'PACO' 5035-1 5"x6"x3 1/2" TYPE 'LC' END SUCTION CENTRIFUGAL PUMP 1750 RPM 460V 3PH 25HP RATED AT 1500 GPM @ 60 FT TDH; 86% EFFICIENT; PREMIUM EFFICIENCY TEC MOTOR; EPOXY COAT ALL WET SURFACES; 'PACO' 'AURORA' OR EQUAL (160 lbs.). PROVIDE 9PCS SMART PUMP CONTROL SYSTEM VARIABLE SPEED DRIVE MODEL 9PCS025 SYSTEM 36"x36"x12" DEEP. COORDINATE MOUNTING LOCATION TO MAINTAIN REQUIRED CLEARANCES. 420V 3PH.
- ③ EXISTING SWIMMING POOL FILTERS: EKO3 42-200-4 AUTOMATIC FILTER CONTROL (AFC) FULLY AUTOMATIC HI-RATE PERMANENT MEDIA FILTER WITH 80 SQ. FT. OF FILTER AREA RATED AT 1200 GPM AT 18 GPM/SQ FT COMPLETE WITH 10" FACE PIPING; 6" BACKWASH SEISMIC ANCHORAGE. PROVIDE ALL UTILITIES, PIPING, VALVING, ETC. (5310lbs EA. TANK) EKO3 'NEMATO' OR EQUAL. PROVIDE SIGNET MK-515 FLOSENSOR WITH DIGITAL READ-OUT.
- ④ NEW SWIMMING POOL HEATER(S): 'RAYPAK' #1532B COLD RUN HI DELTA. 1530000 BTU INPUT, 2" GAS CONNECTION, 2 1/2" WATER INFLUENT/EFFLUENT CONNECTIONS AND 12" FLUE TO ATMOSPHERE. TWO (2) TOTAL. PIPED IN TANDEM PER MANUFACTURER'S RECOMMENDATIONS. (1335lbs. EA) REFER TO MECHANICAL PLANS FOR HEATER FLUE DETAILS.
- ⑤ EXISTING CHLORINE STORAGE FEED SYSTEM: PROVIDE 'CHEM-TAINER' 500 GALLON #TC3448DC DUAL STORAGE/CONTAINMENT TANK WITH LID SEISMICALLY RESTRAINED. (4165lbs.) COMPLIES WITH FED. REG #40CFR-264-193. FEED PUMP SHALL BE 'LM' #SD43-88P-KSI; 280 GPD @ 150 PSI WITH FRP SHELF BRACKETS, HARD PIPE TO POINT OF INJECTION.
- ⑥ EXISTING ACID STORAGE/FEED SYSTEM: PROVIDE 'CHEM-TAINER' 500 GALLON #TC3448DC DUAL STORAGE/CONTAINMENT TANK WITH LID SEISMICALLY RESTRAINED. (4165lbs.) COMPLIES WITH FED. REG #40CFR-264-193. FEED PUMP SHALL BE 'LM' #SD43-88P-KSI; 280 GPD @ 150 PSI WITH FRP SHELF BRACKETS, HARD PIPE TO POINT OF INJECTION.
- ⑦ EXISTING CARBON DIOXIDE STORAGE FEED SYSTEM: PROVIDE 600lb. CRYOGENIC STORAGE TANKS WITH SEISMIC RESTRAINT AND REMOTE FILL PORT. PROVIDE EKO3 PH-MTS CO2 HIGH EFFICIENCY FEED SYSTEM WITH ALKALINITY CONTROL. 0 TO 160 GPH FEED CAPACITY BOOSTER PUMP, PIPING, INJECTOR, FLOWMETER, RELAYS AND ACID FEED ALKALINITY CONTROL. ONE (1) SYSTEM TOTAL (92lbs.)
- ⑧ EXISTING WATER CHEMISTRY CONTROLLER: PROVIDE ONE (1) DEDICATED ANALOG TELEPHONE LINE FOR 'IMPACT' C6-IMPACT-FILTER(S)-APR WATER CHEMISTRY CONTROLLER. PROVIDE COMPLETE SYSTEM CONTROL PACKAGE, 'IMPACT', 'BECYS' SYSTEM 'I', 'WALLACE' & 'TIERNAN' OR APPROVED EQUAL.
- ⑨ EXISTING ELECTRICAL: PROVIDE ALL ELECTRICAL WIRING CONDUIT, PANEL(S), STARTER/DISCONNECT INTERCONNECT(S) ETC. AS REQUIRED FOR PROPER EQUIPMENT INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS AND SHOP DRAWINGS. COORDINATE ALL WORK WITH OTHER TRADES AS REQUIRED. REFER TO ELEC. PLANS FOR ALL ADDITIONAL INFO.
- ⑩ EXISTING BACKWASH PIT: 8'-0"x1'-0"x5'-0" (3'-0" ABOVE FF. x 2'-0" BELOW FF.) WITH 6" P-TRAP OUTLET TO SEWER. PROVIDE WATERPROOFING PER SPECIFICATIONS. COORDINATE WITH STRUCTURAL AND PLUMBING PLANS.
- ⑪ EXISTING PUMP PIT: 8'-0"x3'-0"x5'-0" DEEP. PROVIDE 1 1/2" GALV. STEEL GUARDRAIL. PROVIDE FLOOR DRAIN TO WASTE. PROVIDE WATERPROOFING PER SPECIFICATIONS. ACCESS LADDER TO BE 'FIBERGLASS' DYNARAIL FRP OR EQUAL.
- ⑫ EXISTING FILL SYSTEM: 3" 'CLA-VAL' FILL SYSTEM FROM DOMESTIC SOURCE PROTECTED WITH REDUCED PRESSURE BACKFLOW PREVENTOR. PROVIDE 'HYTROL' #124-01AKX-3" VALVE WITH CFI-KX FLOAT CONTROL IN 8" PVC STILLING WELL IN SURGE CHAMBER. RUN TUBING THRU 6" FILL EQUALIZER LINE. PROVIDE 6" AIR GAP AT FILL POINT.
- ⑬ EXISTING EYEWASH/SHOWER: HAWS MODEL #3300 CRP COMBINATION EYEWASH/SHOWER WITH CORROSION RESISTANT PROTECTION. SEE MEP SHEETS FOR WATER SUPPLY PIPING. TWO (2) TOTAL.

HEATER/GAS PIPING INSTALLATION NOTE

'LOCHINVAR' GAS FIRED POOL HEATER(S) INSTALLED ON A GAS SUPPLY SYSTEM UTILIZING 2" SUPPLY GAS PRESSURE SHALL REQUIRE A REGULATOR TO REDUCE THE SUPPLY PRESSURE. A PROPERLY SIZED AND INSTALLED LOCK-UP-TYPE HIGH GAS PRESSURE REGULATOR (HGPR) SHALL BE USED TO REDUCE THE GAS PRESSURE AT THE UNIT INLET TO A MAXIMUM OF 105" WATER COLUMN.

'LOCHINVAR' RECOMMENDS THAT ANY REQUIRED LINE LOCK-UP-TYPE HIGH GAS PRESSURE REGULATOR BE INSTALLED WITH A MINIMUM OF 8 FEET TO 10 FEET OF PIPE FROM ITS DISCHARGE TO THE UNIT'S GAS INLET. IF A STRAIGHT DISTANCE OF GAS PIPE IS NOT AVAILABLE THE ADDITION OF A VERTICAL 'U' IN THE GAS PIPING DOWN STREAM FROM THE 'HGPR' CAN BE USED TO ACHIEVE THE 8 FEET TO 10 FEET OF DISTANCE.

NOTE:
REFER TO MECHANICAL PLANS FOR HEATER VENTING, EXHAUST DUCTING, FLUE TERMINUS AND PENETRATION(S) THROUGH BUILDING STRUCTURE.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 1-05 SECTION 13.3 AS DEFINED IN ASCE 1-05 SECTION 13.6.2, 13.6.7, 13.6.5.6, AND 2010 CBC, SECTIONS 1615A.120, 1615A.121 AND 1615A.122.

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPA*) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

THREE PHASE MOTOR LOADS AT 460V

SWIMMING POOL CIRCULATION PUMP: 25 HP @ 460V	34 AMPS
--	---------

LEGEND

- BY = BALL VALVE
- BFV = BUTTERFLY VALVE
- CV = CHECK VALVE
- FM = FLOWMETER
- AI = ACID INJECTION
- CI = CHLORINE INJECTION
- PH = PIPE HANGER
- FD = FLOOR DRAIN
- FS = FLOOR SINK
- RFBFP = REDUCED PRESSURE BACKFLOW PREVENTOR

MECHANICAL ANCHORS

- ① EXPANSION OR WEDGE ANCHORS INTO CONCRETE: HILTI KB TZ (ICC ESR-1917) OR SIMPSON STRONG BOLT (ICC ESR-1111) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- ② EXPANSION OR WEDGE ANCHORS INTO MASONRY: HILTI KB 3 (ICC ESR-1985) OR SIMPSON WEDGE-ALL (ICC ESR-1986) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- ③ UNDERCUT ANCHORS INTO CONCRETE: HILTI HDA (ICC ESR-1546) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- ④ HEAVY DUTY BEEVE ANCHORS INTO CONCRETE: HILTI HSL-3 (ICC ESR-1545) TO BE INSTALLED IN ACCORDANCE WITH ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- ⑤ FASTENERS SHALL BE STAINLESS STEEL FOR EXTERIOR USE OR WHEN EXPOSED TO WEATHER. PROVIDE GALVANIZED CARBON STEEL ANCHORS AT OTHER LOCATIONS, UNLESS OTHERWISE NOTED.
- ⑥ IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON AND SHIFT THE HOLE LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF 2 ANCHOR DIAMETERS OR 1 INCH, WHICHEVER IS LARGER, OF SOUND CONCRETE BETWEEN THE DOWEL AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH NON-SHRINK GROUT. IF THE ANCHOR OR DOWEL MAY NOT BE SHIFTED AS NOTED ABOVE, THE STRUCTURAL ENGINEER WILL DETERMINE A NEW LOCATION.
- ⑦ LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS, OR OTHER STEEL ASSEMBLIES ATTACHED WITH MECHANICAL ANCHORS.
- ⑧ ANCHORS SHALL BE PROOF-TESTED BY OWNER'S TESTING AND INSPECTION AGENCY.
- ⑨ TEST ANCHORS NO SOONER THAN 24 HOURS AFTER INSTALLATION.
- ⑩ APPLY TEST LOAD BY ANY METHOD THAT WILL EFFECTIVELY MEASURE THE TENSION OF THE ANCHOR SUCH AS DIRECT PULL WITH A HYDRAULIC JACK, TORQUE WRENCH, OR CALIBRATED SPRING LOADING DEVICES, ETC.
- ⑪ REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY A BASE PLATE OR OTHER FIXTURE. IF RESTRAINT IS FOUND, LOOSEN AND SHIM OR REMOVE THE FIXTURE PRIOR TO TESTING.
- ⑫ UNLESS OTHERWISE NOTED, PROVIDE MINIMUM EMBEDMENT OF ANCHORS AS SHOWN IN TABLES BELOW.
- ⑬ TEST 50% OF ANCHORS PER ONE OF THE FOLLOWING METHODS AND IN ACCORDANCE WITH THE VALUES SHOWN IN THE TABLE:
 - A. HYDRAULIC RAM METHOD: APPLY PROOF TEST LOAD WITHOUT NOT POSSIBLE TO TEST WITH THE NUT INSTALLED. REPLACE THE NUT WITH A THREADED COUPLER TO THE SAME TORQUE MEASURED WITH A TORQUE WRENCH, AND THEN APPLY THE LOAD. ANCHOR IS ACCEPTABLE IF NO MOVEMENT IS OBSERVED AT THE TEST LOAD. MOVEMENT MAY BE DETERMINED WHEN THE WASHER UNDER THE NUT BECOMES LOOSE.
 - B. TORQUE WRENCH METHOD: TEST ANCHORS TO THE TORQUE LOAD INDICATED IN THE TABLE WITH ONE-HALF TURN OF THE NUT.
- ⑭ IF ANY ANCHOR FAILS TESTING, REPLACE ANCHOR AND TEST ADDITIONAL ANCHORS OF THE SAME CATEGORY NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE TESTS PASS, THEN RESUME INITIAL TESTING FREQUENCY.

WEDGE OR EXPANSION ANCHOR EMBEDMENT DEPTH AND TEST LOAD

ANCHOR DIAMETER	MIN. EMBED	MIN. EDGE DIST.	ANCHORS IN CONCRETE				ANCHORS IN MASONRY	
			TENSION LOAD (LBS)	TORQUE LOAD (FT-LBS)	TENSION LOAD (LBS)	TORQUE LOAD (FT-LBS)		
3/8"	2"	4"	1500	25	500	15		
1/2"	3 1/2"	6"	3000	40	1000	25		
5/8"	4"	6 3/4"	4500	60	1250	65		
3/4"	4 3/4"	9"	6300	110	1700	120		

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2010 CBC, SECTIONS 1615A.112 THROUGH 1615A.122 AND ASCE 1-05 CHAPTER 6 AND 13.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
2. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

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SHEET TITLE
EXISTING MECHANICAL ROOM LAYOUT PLAN

PROJECT NAME
STAGG HIGH SCHOOL POOL REPLASTER AND RENOVATION

PROJECT ADDRESS
1621 BROOKSIDE RD STOCKTON, CA 95207

SUBMITTAL	DATE
99% SUBMITTAL	12/20/23
100% SUBMITTAL	02/02/24
100% RE-SUBMITTAL	03/15/24

NO.	REVISIONS	DATE

DRAWN BY: GSF
 CHECKED BY: GSF
 DATE ISSUED: 02/02/24
 SCALE: 1/2"=1'-0" AS NOTED

SHEET NO. 2313100
 MR-1