

OXNARD HIGH SCHOOL SWIMMING POOL REPAIR

3400 WEST GONZALES ROAD
OXNARD, CALIFORNIA 93036

OXNARD UNION HIGH SCHOOL DISTRICT

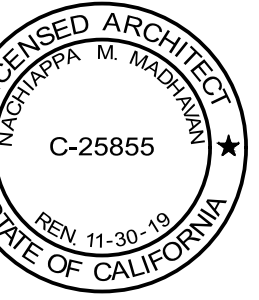
309 SOUTH K STREET
OXNARD, CALIFORNIA 93030



JONES &
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PROFESSIONAL SEAL



CONSULTANT

APPROVALS

REVISIONS

NO.	DATE	DESCRIPTION
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SWIMMING POOL REPAIR
3400 WEST GONZALES ROAD
OXNARD, CALIFORNIA 93036

PHASE

BID SET

SHEET TITLE

TITLE SHEET

DESIGNED BY

NM SHEET NO. 1 OF 7

CHECKED BY

DJ

JAAE PROJ. #

10.04

DATE

9-10-19

T1.1

∅	AND	HC	HANDICAPPED
∅	AT	HORIZ	HORIZONTAL
∅	DIAMETER	HT	HEIGHT
#	NUMBER	ID	INSIDE DIAMETER
±	PLUS OR MINUS	INT	INTERIOR
		INV	INVERT
ALT	ALTERNATE	JT	JOINT
AP	ACTIVITY POOL	LVR	LOUVER
BLDG	BUILDING	MATL	MATERIAL
CJ	CONTROL JOINT	MAX	MAXIMUM
CL	CHAIN LINK	MFR	MANUFACTURER
CLG	CEILING	MECH	MECHANICAL
CO	CLEANOUT	MET	METAL
CLR	CLEAR	MIN	MINIMUM
COL	COLUMN	MISC	MISCELLANEOUS
CONC	CONCRETE	(N)	NEW
CMU	CONC MASONRY UNIT	NC	NOT IN CONTRACT
CONT	CONTINUOUS	NTS	NOT TO SCALE
DET	DETAIL	OC	ON CENTER
DIA	DIAMETER	OD	OUTSIDE DIAMETER
DIM	DIMENSION	POC	POINT OF CONNECTION
DF	DRINKING FOUNTAIN	FR	PAIR
(E)	EXISTING	RAD	RADIUS
EA	EACH	REF	REFERENCE
EG	EXISTING GRADE	REINF	REINFORCING
EJ	EXPANSION JOINT	REQD	REQUIRED
ELECT	ELECTRICAL	RM	ROOM
ELEV	ELEVATION	SCH	SCHEDULE
ENCL	ENCLOSURE	SECT	SECTION
EQ	EQUAL	SHT	SHEET
EQUIP	EQUIPMENT	SIM	SIMILAR
EXIST	EXISTING	SP	SWIMMING POOL
EXT	EXTERIOR	SQ	SQUARE
FD	FLOOR DRAIN	SST	STAINLESS STEEL
FF	FINISH FLOOR	STD	STANDARD
FFE	FINISH FLOOR ELEV	STL	STEEL
FS	FINISH GRADE	STRUC	STRUCTURAL
FOC	FACE OF CONC	T4B	TOP & BOTTOM
FOF	FACE OF FINISH	TG	TOP OF GRATE
FL	FLOOR LINE	TP	TOP OF PAVING
FS	FLOOR SINK	TYP	TYPICAL
FT	FOOT OR FEET	UNO	UNLESS NOTED OTHERWISE
FTG	FOOTING	VAR	VARIES
GALV	GALVANIZED	VERT	VERTICAL
GND	GROUND	W	WITH
HB	HOSE BIBB	WP	WATERPROOFING

ABBREVIATIONS

APPLICABLE CODES AND STANDARDS

2016 CALIFORNIA ADMINISTRATIVE CODE (CAC) (PART 1, TITLE 24, CCR)
 2016 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 & 2 (PART 2, TITLE 24, CCR)
 (2015 EDITION INTERNATIONAL BUILDING CODE W/ 2016 CALIFORNIA AMENDMENTS)
 2016 CALIFORNIA ELECTRICAL CODE (CEC) (PART 3, TITLE 24, CCR)
 (2014 NATIONAL ELECTRICAL CODE W/ 2016 CALIFORNIA AMENDMENTS)
 2016 CALIFORNIA MECHANICAL CODE (CMC) (PART 4, TITLE 24, CCR)
 (2015 IAPMO UNIFORM MECHANICAL CODE WITH 2016 CALIFORNIA AMENDMENTS)
 2016 CALIFORNIA PLUMBING CODE (CPC) (PART 5, TITLE 24, CCR)
 (2015 IAPMO UNIFORM PLUMBING CODE WITH 2016 CALIFORNIA AMENDMENTS)
 2016 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)
 (2015 CALIFORNIA ENERGY COMMISSION BUILDING ENERGY EFFICIENCY STANDARDS)
 2016 CALIFORNIA FIRE CODE (CFC) (PART 9, TITLE 24, CCR)
 (2015 INTERNATIONAL FIRE CODE W/ 2016 CALIFORNIA AMENDMENTS)
 2016 CALIFORNIA GREEN CODE (PART 11, TITLE 24, CCR)
 2016 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)
 NFPA 13, 14, 20, 25, T2
 STATE FIRE MARSHAL - PUBLIC SAFETY (TITLE 19)
 REFERENCE CODE SECTIONS FOR APPLICABLE STANDARDS
 2016 CBC, CHAPTER 35
 2016 CFC, CHAPTER 20

APPLICABLE CODES

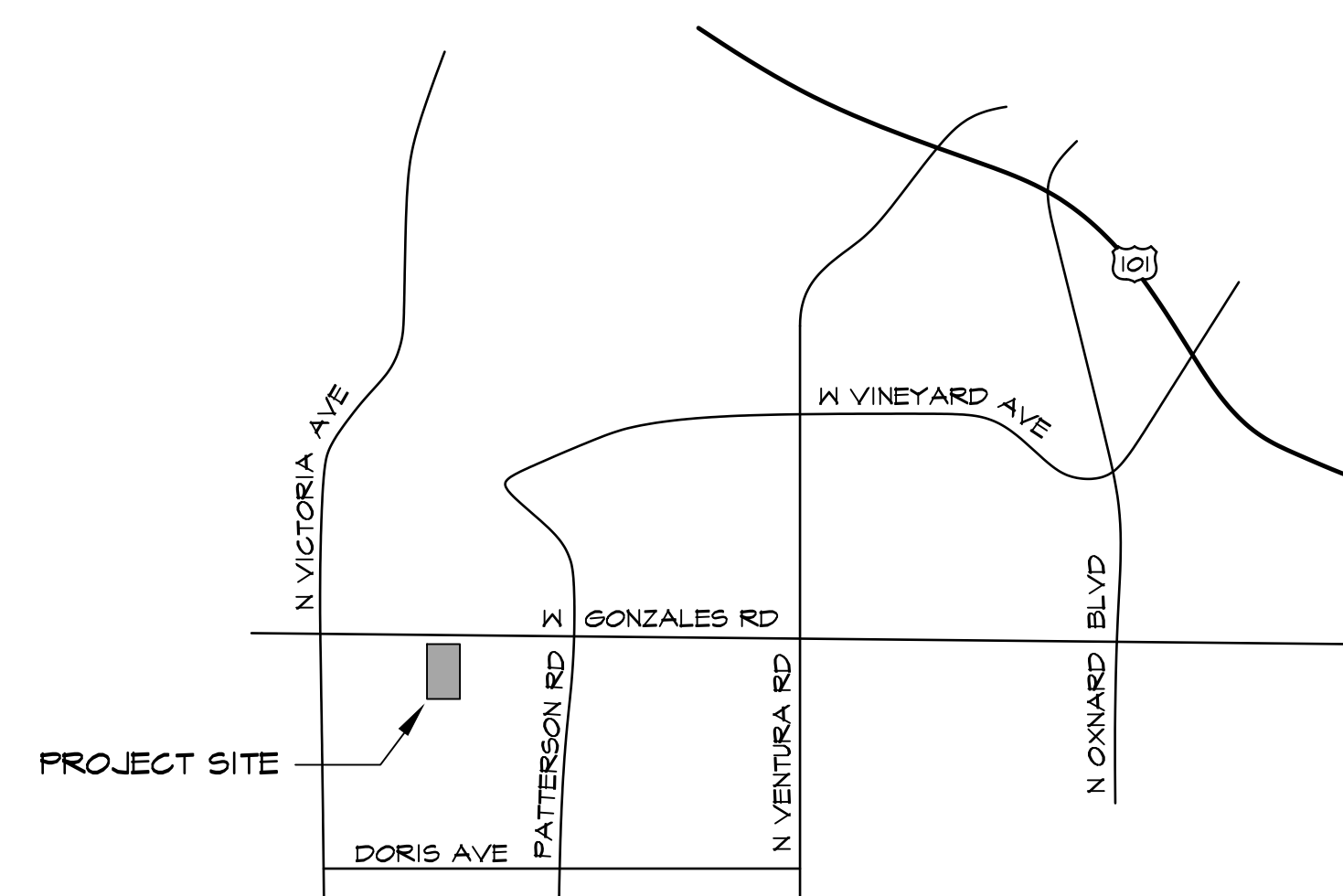
	REFERENCE TO DETAIL CALL OUT SYMBOL USED ON PLANS & DETAILS. NUMBER ABOVE - DETAIL IDENTITY NUMBER. NUMBER BELOW - SHEET NUMBER.
	REFERENCE TO SECTION CALL OUT SYMBOL USED ON PLANS. LETTER ABOVE - SECTION IDENTITY LETTER. NUMBER BELOW - SHEET NUMBER.
	KEYED NOTE NUMBER REFERENCE TO KEYED NOTE LIST

DRAFTING SYMBOLS

(E) SWIMMING POOL DATA

- SURFACE AREA = 12,336 SQ FT
- VOLUME = 670,000 GALLONS
- TURNOVER RATE = 1.875 GPM (6 HOURS)
- FILTER AREA = 130 SQ FT (13.6 GPM/SQ FT)
- SURGE CAPACITY = 13,000 GALLONS
- POOL CAPACITY = 617 PEOPLE
- CIRCULATION PUMP - AURORA #340 6x6x11, 40 HP
- MAIN DRAIN GRATE - NEPTUNE BENSON AEGIS #3030AEC

HEALTH CODE DATA



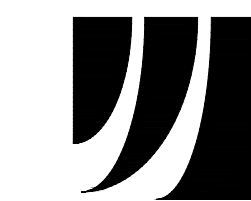
VICINITY MAP

SCOPE OF WORK

- REMOVE & REPLACE CONC POOL DECK SLAB & GUTTER CANTILEVER.
- REMOVE & REPLACE DECK DRAINAGE SYSTEM.
- REMOVE & REPLACE POOL PLASTER FINISH & PROTECT TILE FINISHES.
- REMOVE & REPLACE EMBEDDED DECK EQUIPMENT ANCHORS & DEPTH MARKERS.
- REMOVE & REINSTALL DECK EQUIPMENT INCLUDING DIVING STANDS & RAILS.

T1.1	TITLE SHEET
D1.1	DEMOLITION PLAN
D2.1	DEMOLITION DETAILS
SP1.1	SWIMMING POOL PLAN
SP1.2	SWIMMING POOL SECTIONS
SP2.1	SWIMMING POOL DETAILS
SP2.2	SWIMMING POOL DETAILS

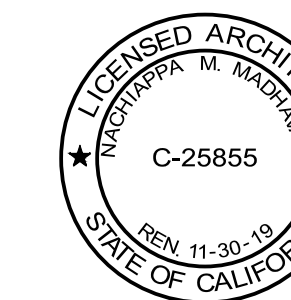
SHEET INDEX



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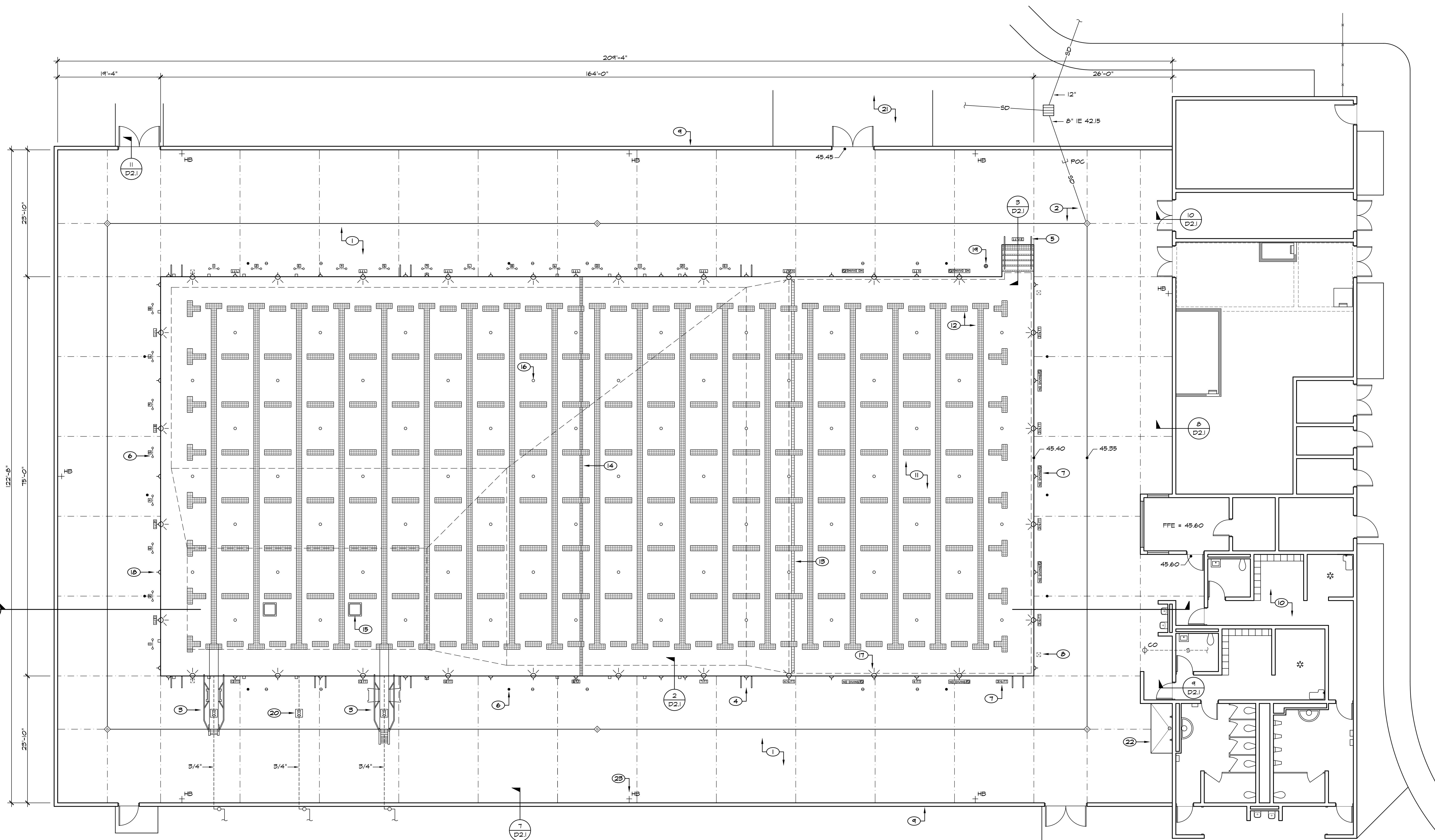
NO.	DATE	DESCRIPTION

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BID SET

SHEET TITLE
DEMOLITION PLAN

DESIGNED BY: NM
CHECKED BY: DJ
DATE: 10/04
SHEET NO. 2 OF 7
D1.1



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

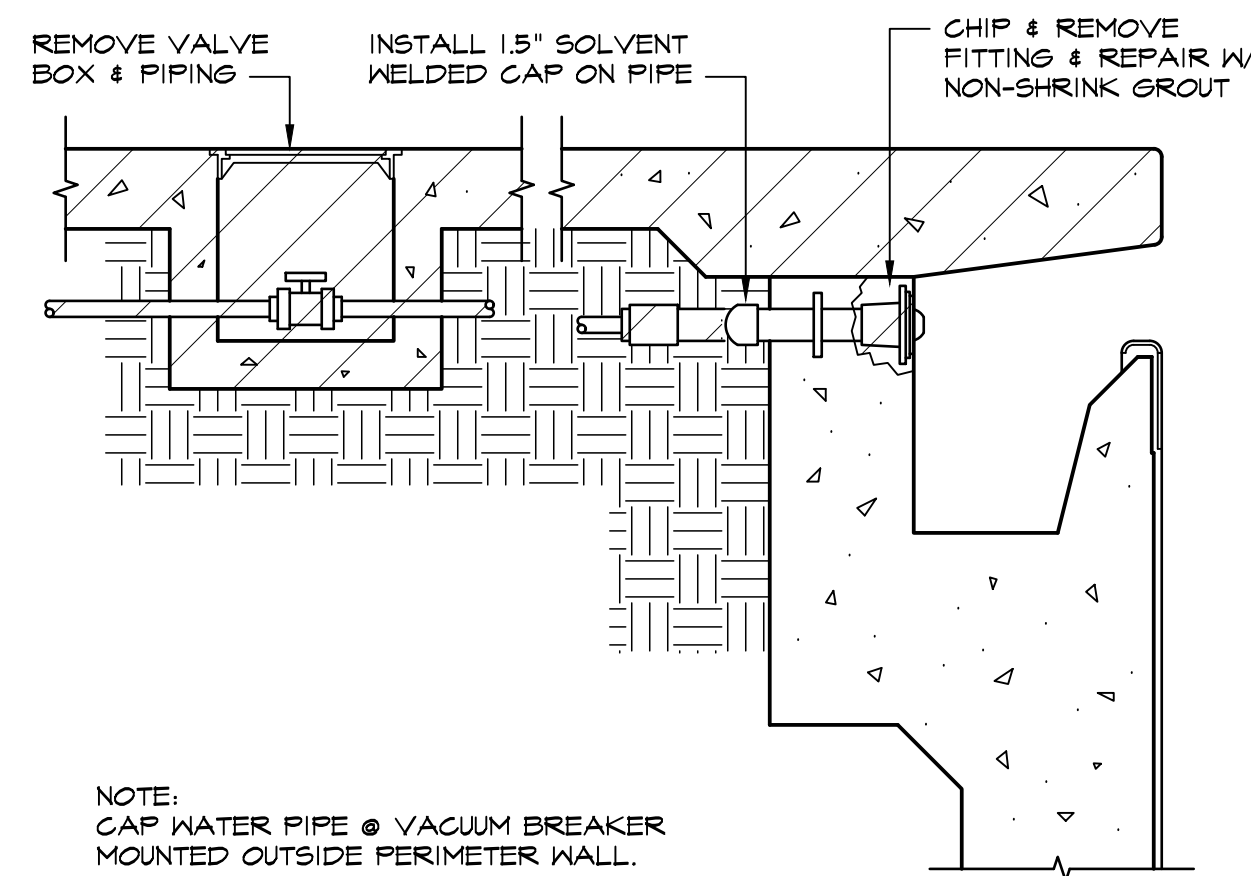
SYMBOL	DESCRIPTION	KEYED NOTE
	DEPTH MARKER (TYP 24)	7
	ROPE ANCHOR (TYP 62)	10
	GRAB RAILS (TYP 6 FR)	4
	DISABLED LIFT SOCKET	19
	STANCHION SOCKET (TYP 12)	6
	STARTING PLATFORM ANCHOR (TYP 21)	6
	POOL LIGHT (TYP 28)	17
	WATER POLO GOAL SOCKET (TYP 6 PR)	6
	TILE LANE MARKER (TYP 27)	12
	GUTTER DRAIN GRATE (TYP 6)	8
	FLOOR INLET (TYP 70)	16
	MAIN DRAIN GRATE (TYP 2)	15

GENERAL NOTES

1. VERIFY (E) CONDITIONS PRIOR TO STARTING WORK & NOTIFY ARCHITECT OF ANY DISCREPANCIES.
2. PROTECT (E) ITEMS WHICH ARE NOT INDICATED TO BE REMOVED.
3. SAK CUT PLASTER ALONG POOL TILE & PROTECT TILE DURING DEMOLITION.
4. CHIP & REMOVE PLASTER FINISH COMPLETE TO EXPOSE CONG POOL SHELL.
5. REMOVE & REPLACE DAMAGED POOL TILE AREAS AS INDICATED.
6. PROTECT UNDERGROUND POOL PIPING & UNDERWATER LIGHT CONDUIT.

KEYED NOTES

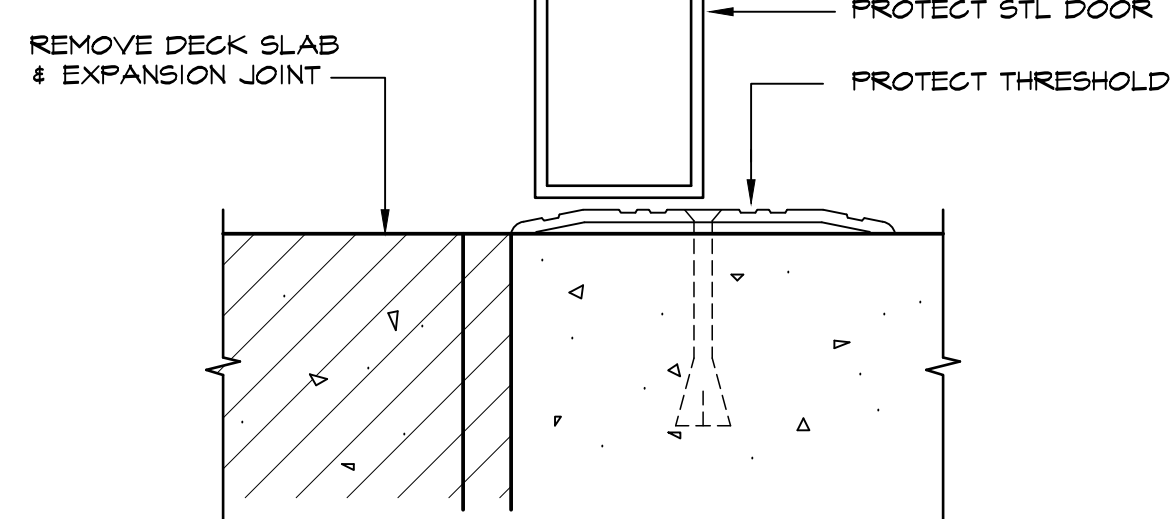
1 REMOVE CONG DECK SLAB & GUTTER CANTILEVER	15 PROTECT SLOPE BREAK TILE BAND
2 REMOVE SLOT DRAIN PIPE & PROTECT DISCHARGE POC	14 REMOVE EXPANSION JOINT SEALANT & PROTECT TILE, SEE 6/D2.1
3 REMOVE, PROTECT & REINSTALL DIVING STANDS	15 REMOVE, PROTECT & REINSTALL MAIN DRAIN GRATES
4 REMOVE, PROTECT & REINSTALL GRAB RAILS, SEE 4/D2.1	16 PROTECT FLOOR INLET FITTINGS
5 REMOVE, PROTECT & REINSTALL STAIR HANDRAILS, SEE 3/D2.1	17 PROTECT UNDERWATER LIGHTS, SEE 5/D2.1
6 REMOVE EMBEDDED DECK EQUIPMENT ANCHORS	18 PROTECT ROPE ANCHORS @ BACK WALL OF GUTTER
7 REMOVE TILE DEPTH MARKERS & SIGNS	19 REMOVE DISABLED LIFT SOCKET
8 PROTECT GUTTER DRAIN GRATES	20 REMOVE DIVING SPRAY VALVE BOX & PIPING (TYP 3), SEE 12/D2.1
9 PROTECT CMJ PERIMETER WALL & DOORS	21 PROTECT SIDEWALKS & PAVING AROUND FACILITY
10 PROTECT POOL LOCKER & EQUIPMENT BLDGS	22 PROTECT OUTDOOR SHOWER SLAB
11 REMOVE POOL PLASTER FINISH	23 PROTECT HOSE BIBBS & PIPING
12 PROTECT TILE LANE MARKERS & TARGETS	



DIVING SPRAY

SCALE: 1" = 1'-0"

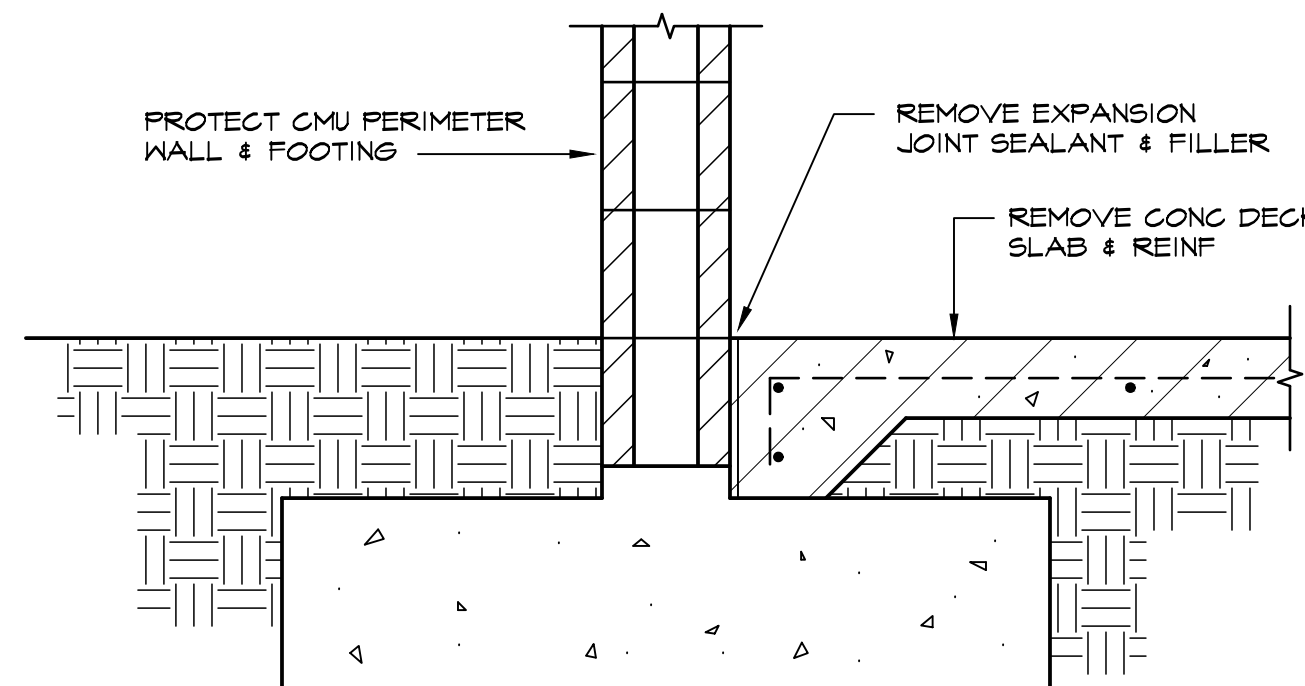
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THRESHOLD

SCALE: HALF SIZE

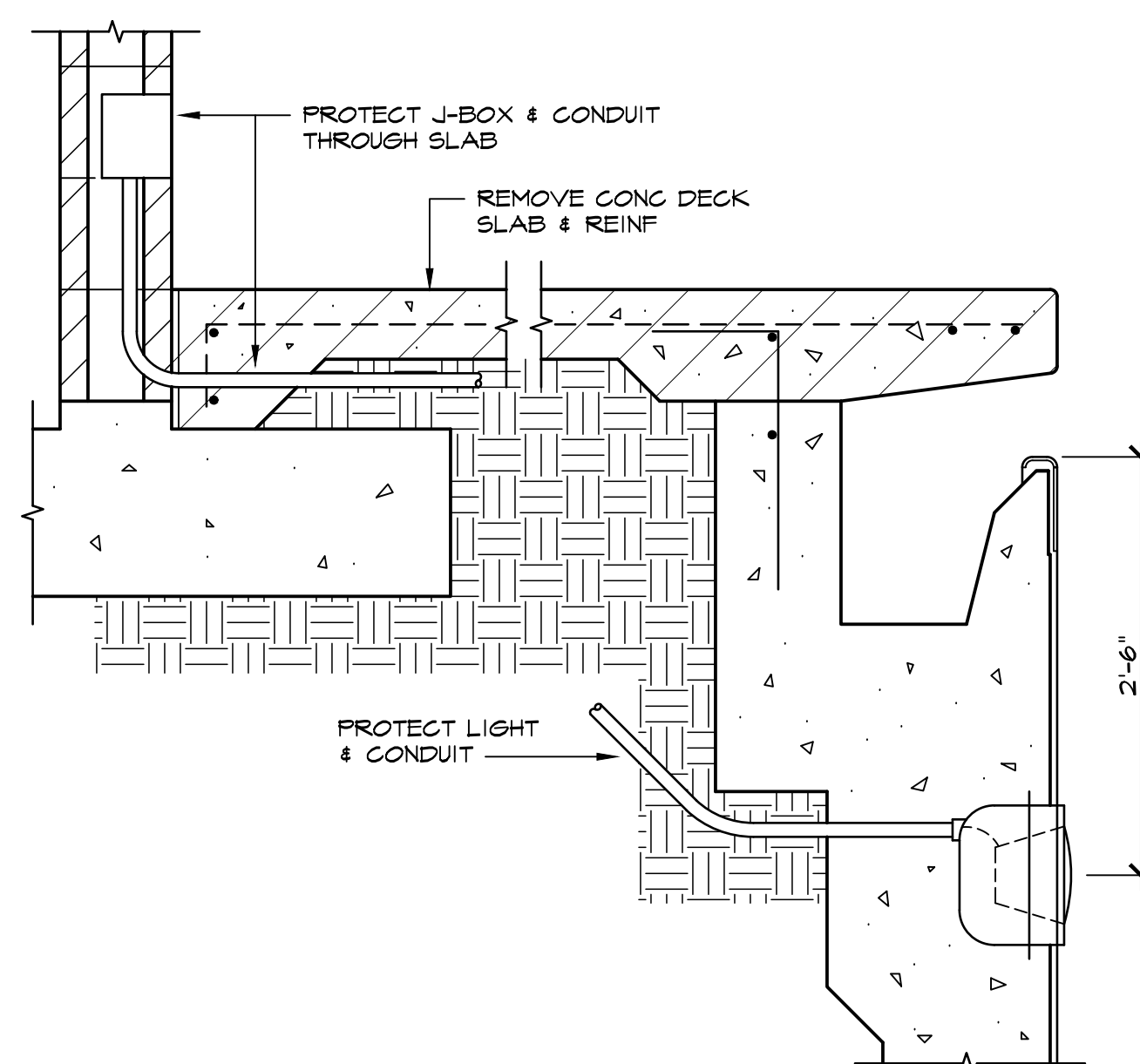
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DECK EDGE @ WALL

SCALE: 1" = 1'-0"

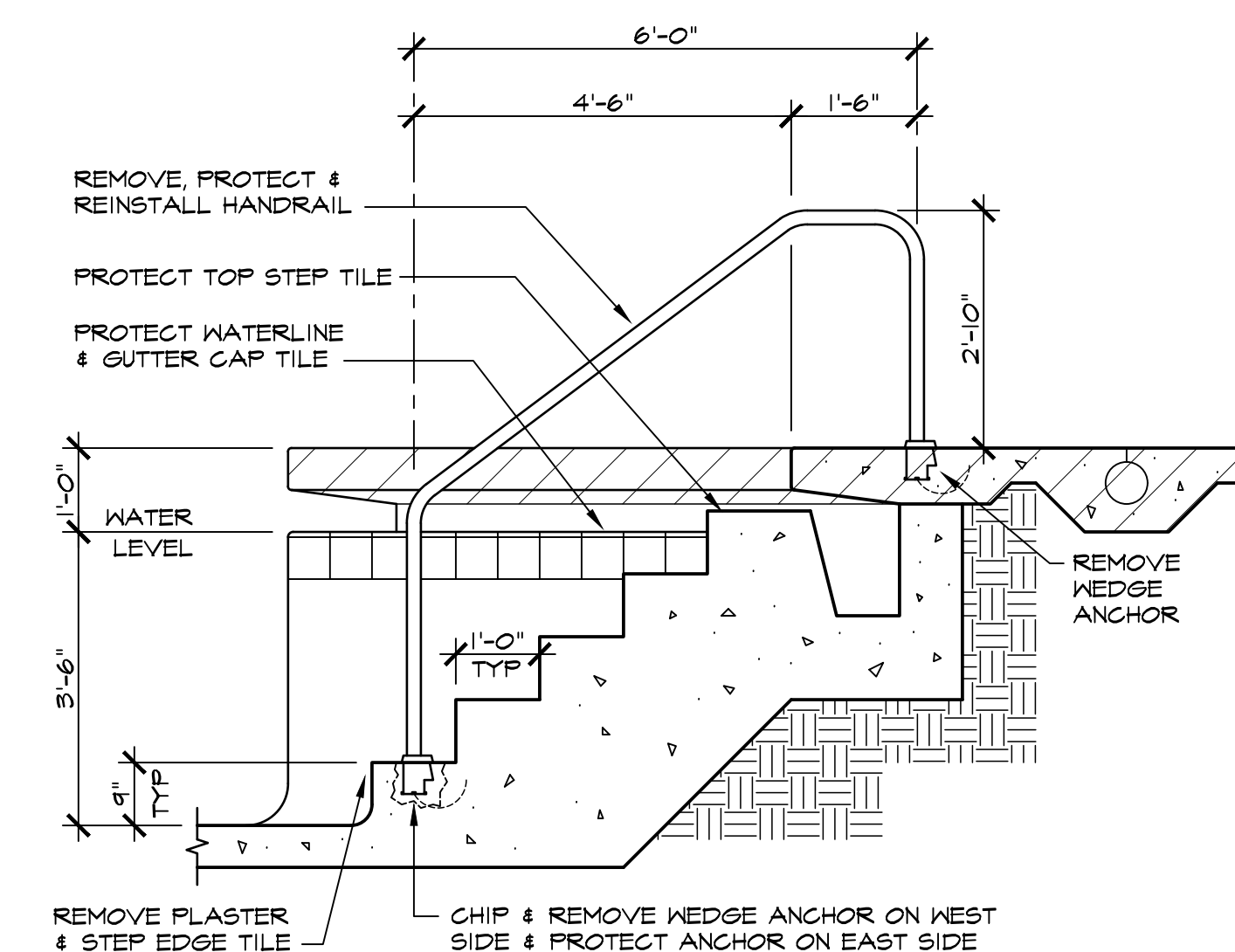
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POOL LIGHT

SCALE: 1" = 1'-0"

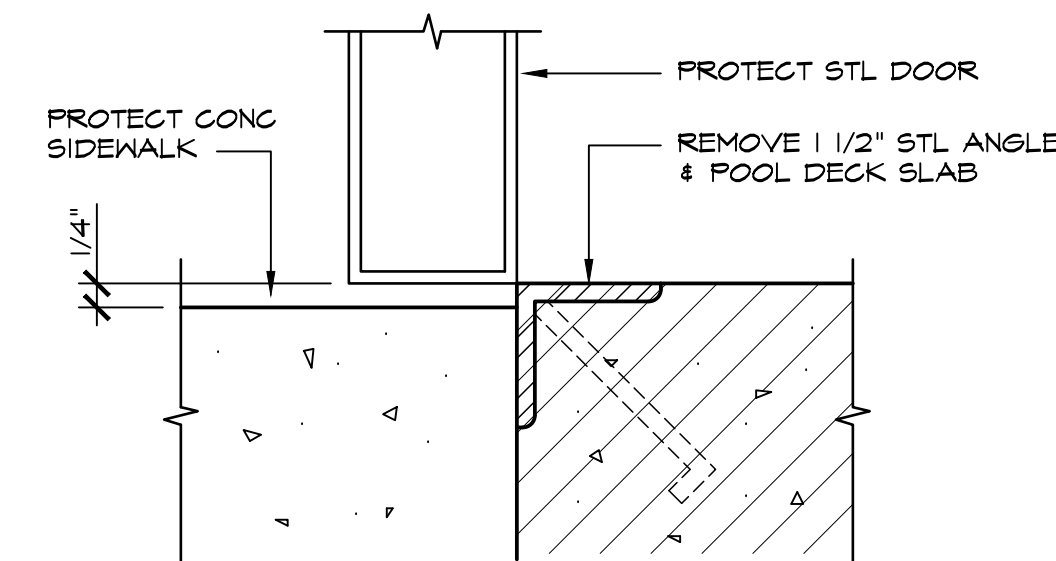
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STAIR SECTION

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

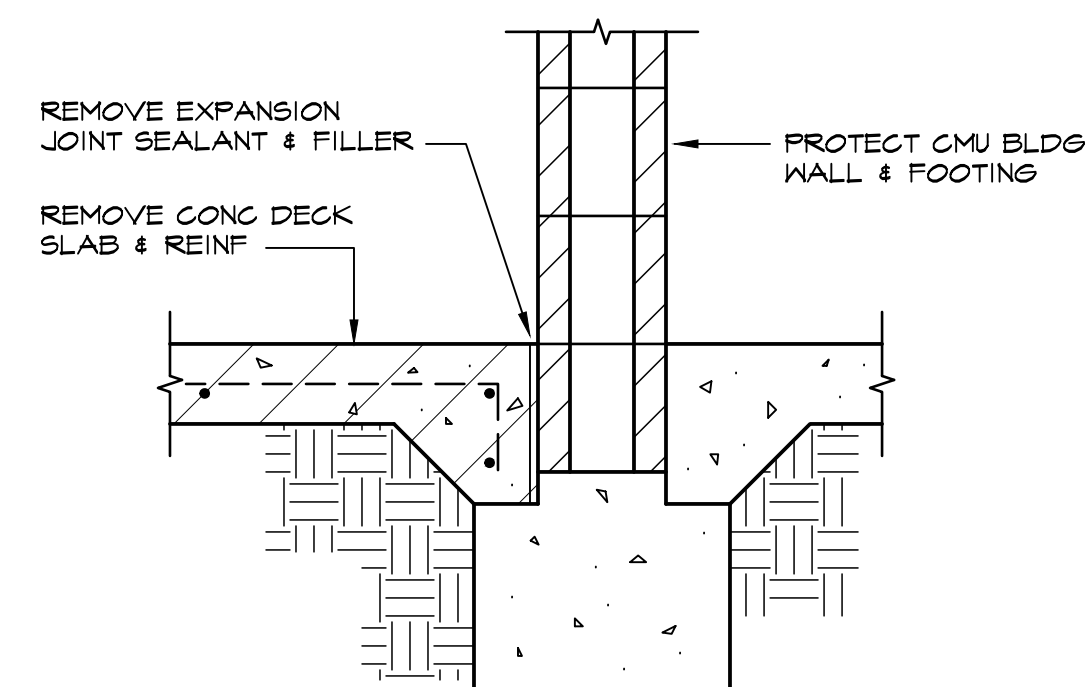
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THRESHOLD @ WALL

SCALE: HALF SIZE

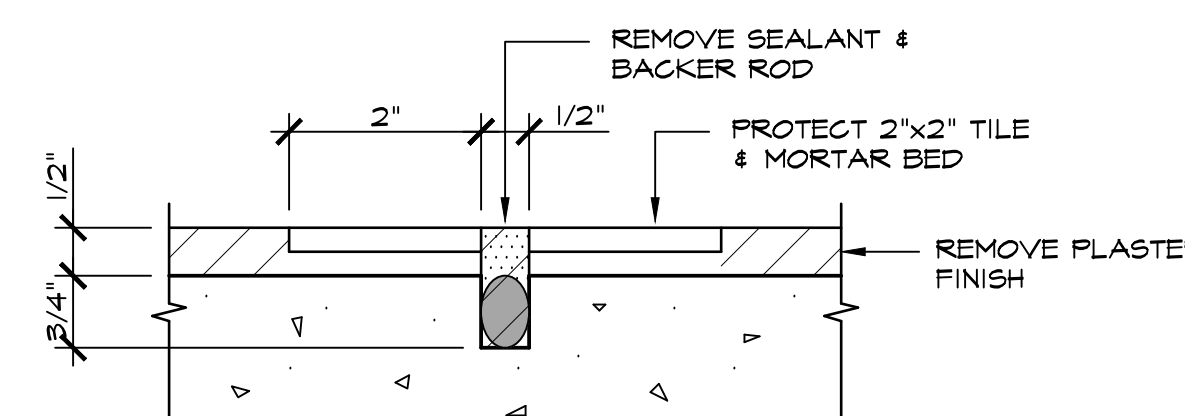
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DECK EDGE @ BLDG

SCALE: 1" = 1'-0"

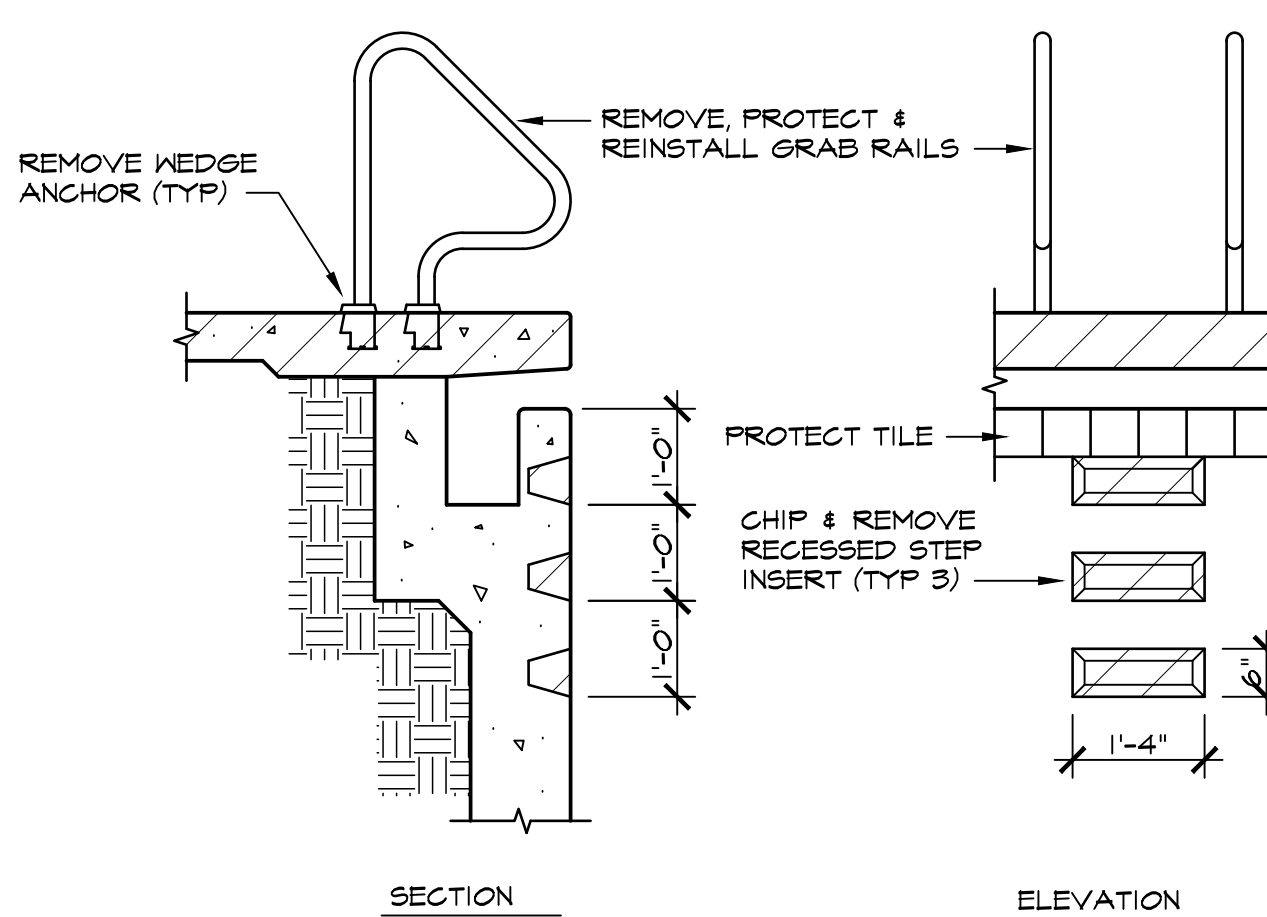
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EXPANSION JOINT

SCALE: HALF SIZE

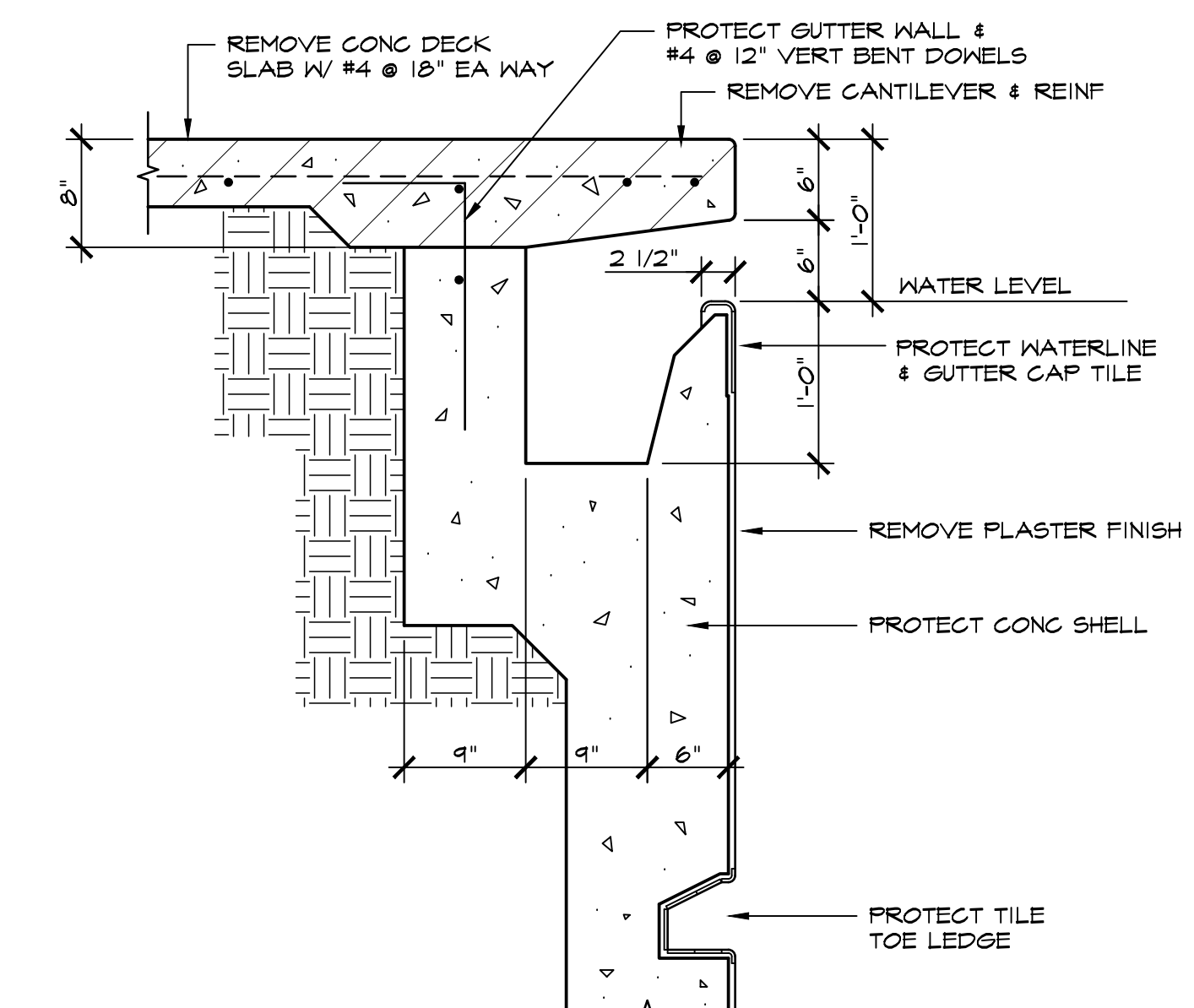
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GRAB RAILS

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

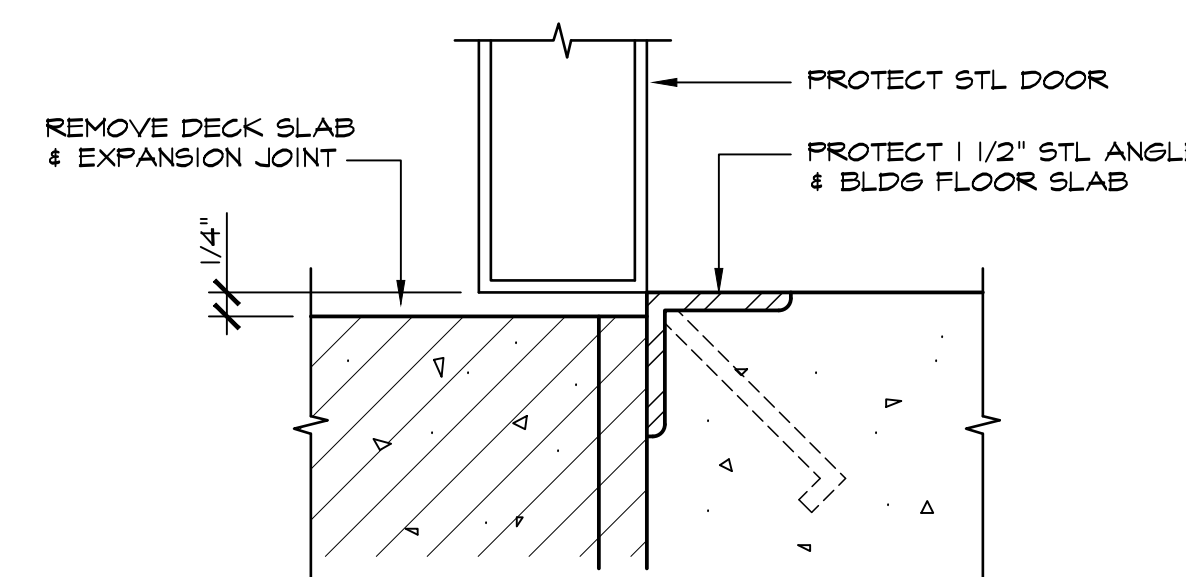
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GUTTER SECTION

SCALE: 1" = 1'-0"

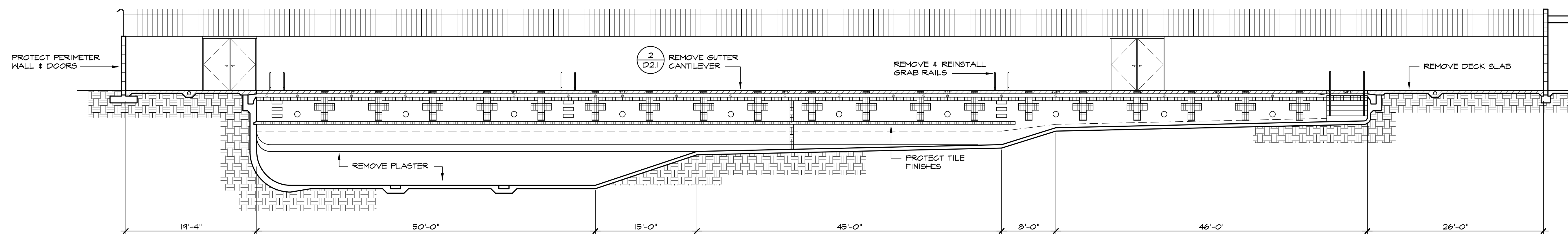
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THRESHOLD

SCALE: HALF SIZE

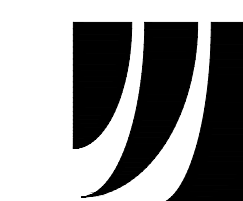
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SWIMMING POOL SECTION

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

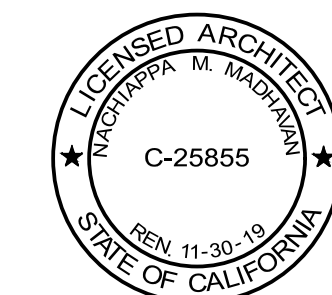
1



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PHASE

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SHEET TITLE

**DEMOLITION
DETAILS**

DESIGNED BY

NM

CHECKED BY

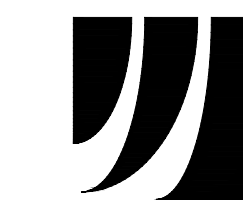
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DATE

9-10-19

SHEET NO. 3 OF 7

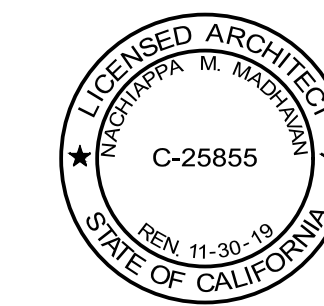
D2.1



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PHASE
BID SET

SHEET TITLE
**SWIMMING POOL
PLAN**

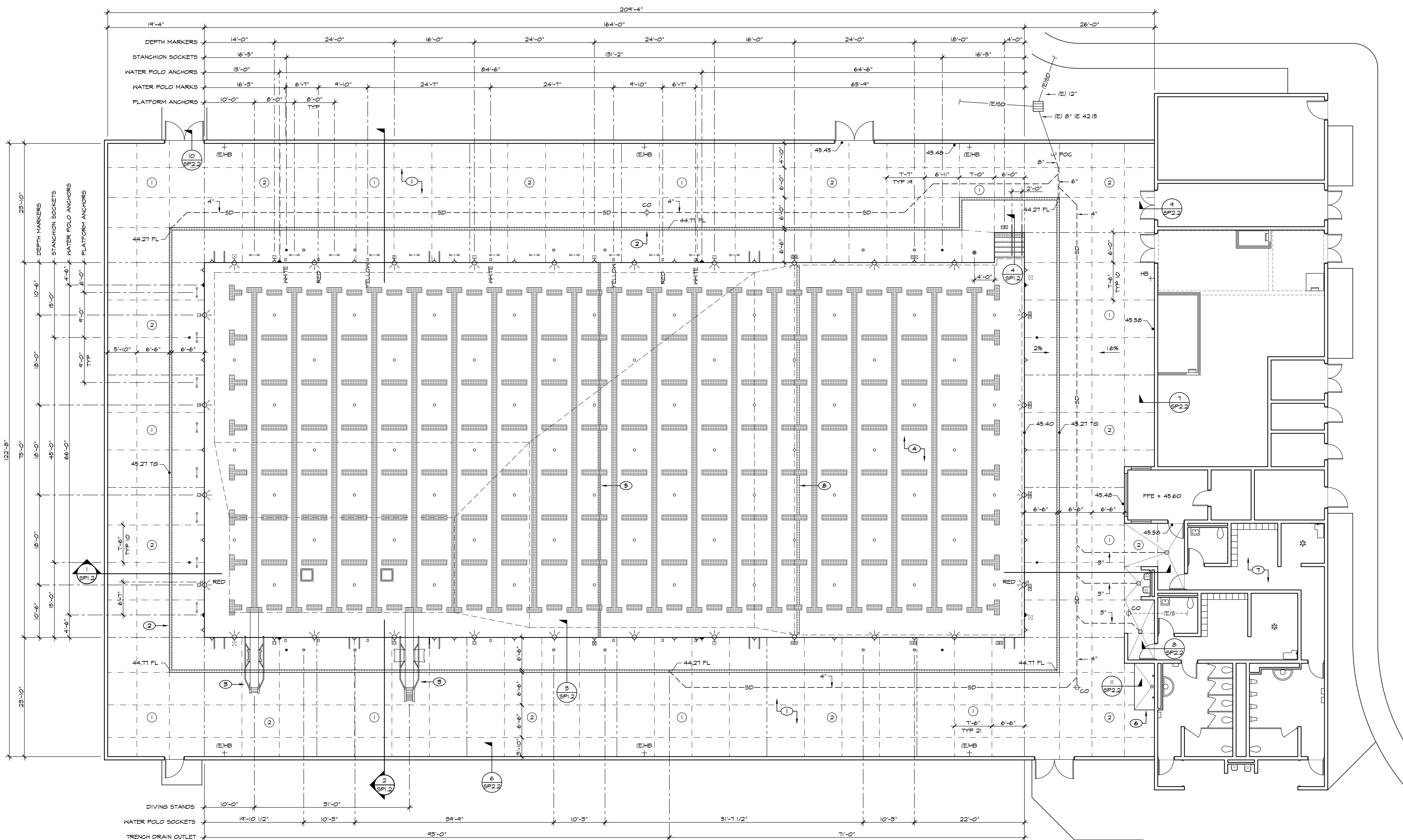
DESIGNED BY: NIM SHEET NO. 4 OF 7

CHECKED BY: DJ

DATE: 10.04

DATE: 4-10-19

SP1.1



SWIMMING POOL PLAN

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

SYMBOLS

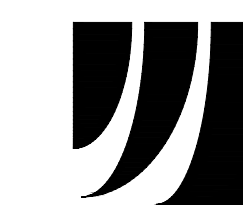
SYMBOL	DESCRIPTION	REFERENCE
	(N) DEPTH MARKER (TYP 24)	1/SP2.1
	(E) ROPE ANCHOR (TYP 62)	-
	(E) GRAB RAILS (TYP 6 PR)	3/SP2.1
	(N) DISABLED LIFT SOCKET	5/SP2.1
	(N) STANCHION SOCKET (TYP 8)	6/SP2.1
	(N) STARTING PLATFORM ANCHOR (TYP 21)	7/SP2.1
	(E) POOL LIGHT (TYP 28)	-
	(N) WATER POLO GOAL SOCKET (TYP 6 PR)	6/SP2.1
	(N) TILE WATER POLO MARK (TYP 16)	15/SP2.1
	(N) WATER POLO ANCHOR (TYP 8)	16/SP2.1
	(E) TILE LANE MARKER (TYP 27)	-
	(E) GUTTER DRAIN GRATE (TYP 6)	-
	(E) FLOOR INLET (TYP 70)	8/SP2.1
	(E) MAIN DRAIN GRATE (TYP 2)	-
	CONTROL JOINT	1/SP2.2
	CONSTRUCTION JOINT	2/SP2.2
	TRENCH DRAIN	3/SP2.2
	DECK DRAIN	3/SP2.2
	CLEANOUT FITTING	5/SP2.2
	FINISH SURFACE ELEVATION	45.40
	DECK POURING SEQUENCE	1 & 2

GENERAL NOTES

- DIMENSIONS ARE TYP FOR OPPOSITE SIDE OF POOL UNO.
- SPACE POOL DECK JOINTS EQUALLY BETWEEN CORNERS AS INDICATED.
- SLOPE DECK SLAB 1/8" MIN & 2% MAX TO DRAINS.
- ALL ANCHORS & DECK REINF SHALL BE BONDED TO (E) POOL SHELL REINF W/ #8 SOLID COPPER WIRE.
- CUT OUT ANY RUSTED REBAR ON SURFACE OF EXPOSED CONCRETE POOL SHELL & PATCH W/ NON-SHRINK GROUT.
- CLEAN (E) POOL TILE, PRESSURE WASH JOINTS TO REMOVE LOOSE GROUT & REGROUT TILE.
- CENTER GRAB RAILS ON (E) RECESSED STEPS.

KEYED NOTES

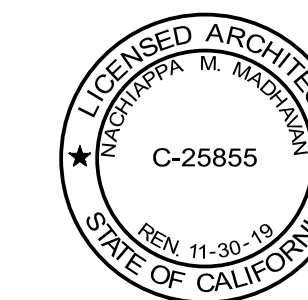
- (N) 6" THICK CONC POOL DECK SLAB W/ SLIP-RESISTANT MEDIUM BROOM FINISH. POOL DECK IN ALTERNATING SECTIONS BETWEEN CONSTRUCTION JOINTS, ALLOWING FIRST SECTIONS TO CURE 24 HOURS.
- (N) TRENCH DRAIN W/ PVC GRATING, SEE 4/SP2.2
- (E) DIVING STANDS W/ (N) ANCHORS & SHIMS, SEE 10 & 11/SP2.1
- (N) 1/2" MIN WHITE PLASTER FINISH
- POOL EXPANSION JOINT, SEE 4/SP2.1
- (E) OUTDOOR SHOWER SLAB
- (E) LOCKER & EQUIPMENT BLDG
- (E) SLOPE BREAK TILE BAND



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SWIMMING POOL SECTIONS

DESIGNED BY

NM SHEET NO. 5 OF 7

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DJ

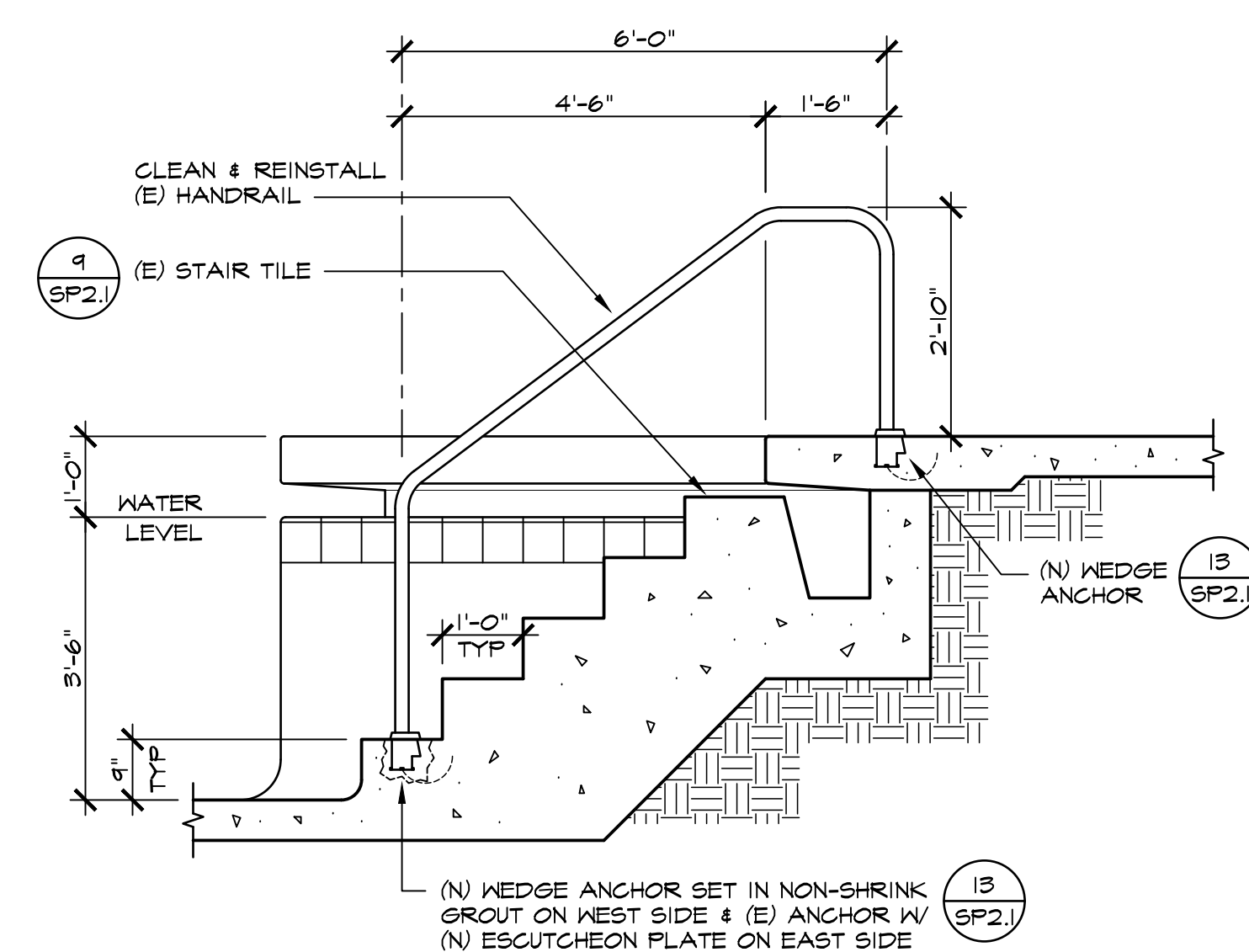
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DATE

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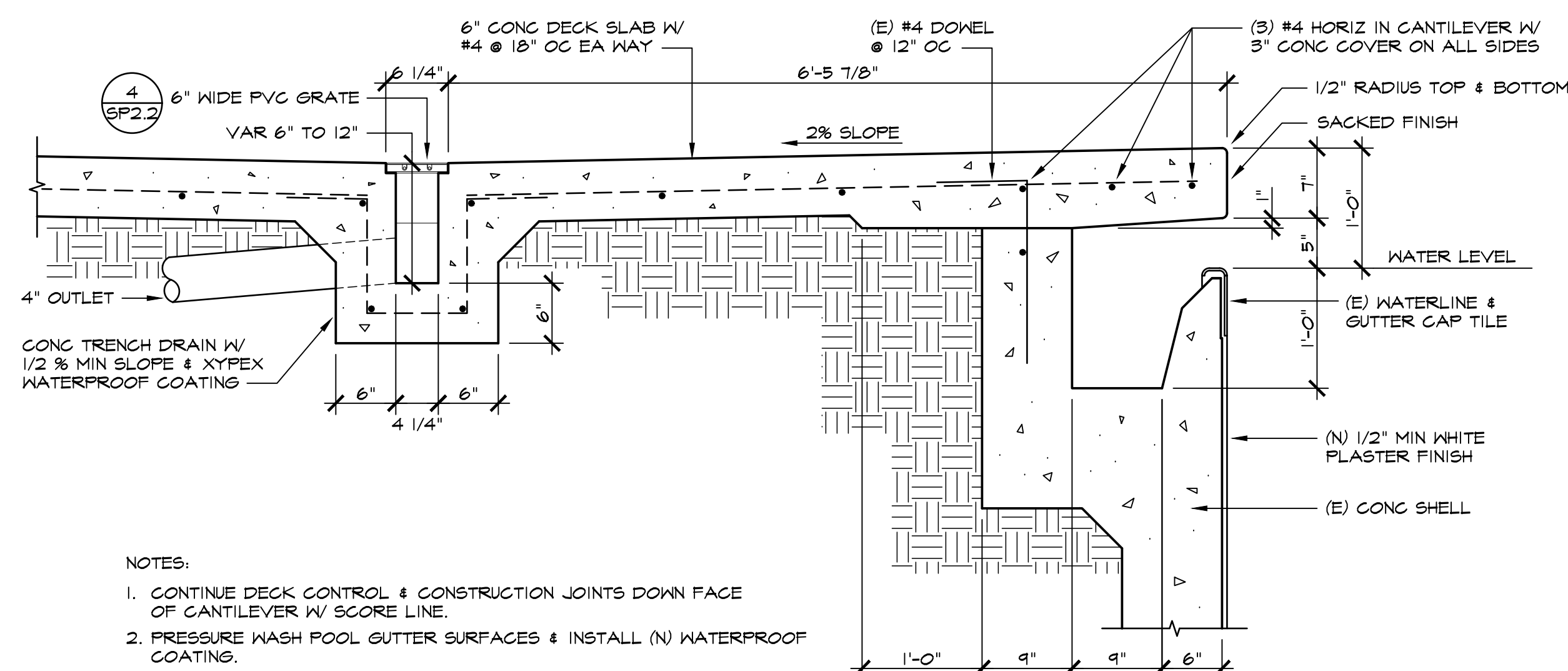
SP1.2



STAIR SECTION

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

4

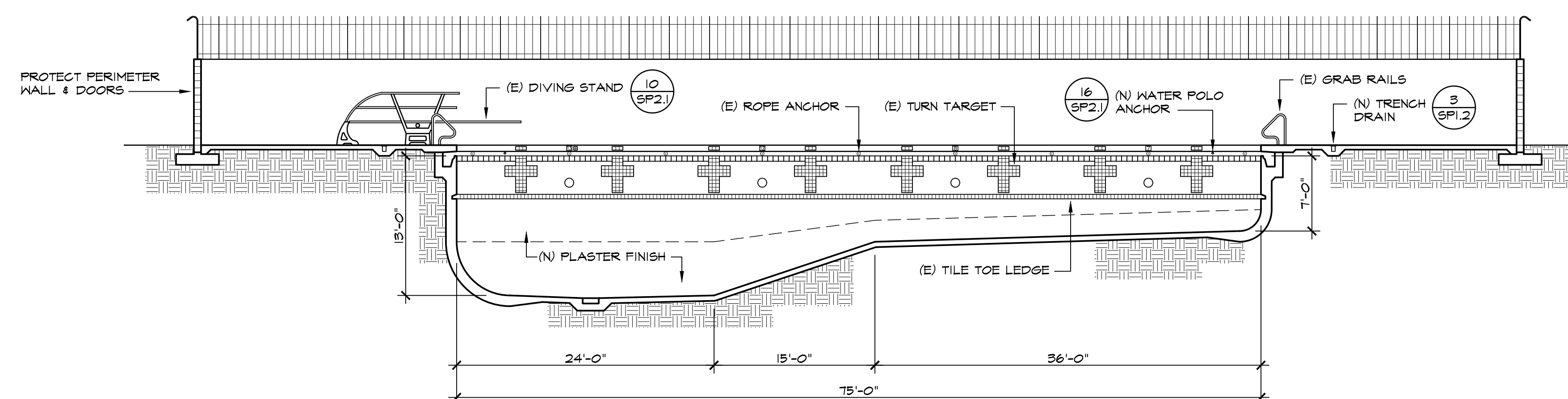


GUTTER SECTION

SCALE: 1" = 1'-0"

3

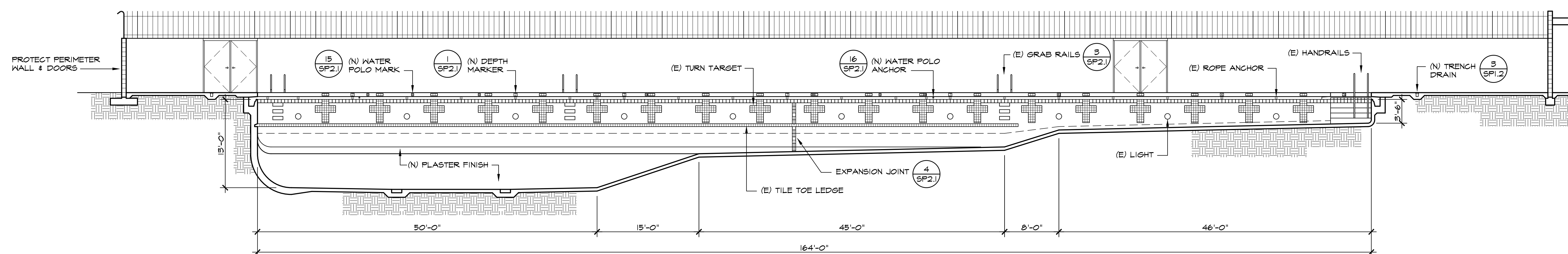
- NOTES:
1. CONTINUE DECK CONTROL & CONSTRUCTION JOINTS DOWN FACE OF CANTILEVER W/ SCORE LINE.
 2. PRESSURE WASH POOL GUTTER SURFACES & INSTALL (N) WATERPROOF COATING.



SWIMMING POOL SECTION

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

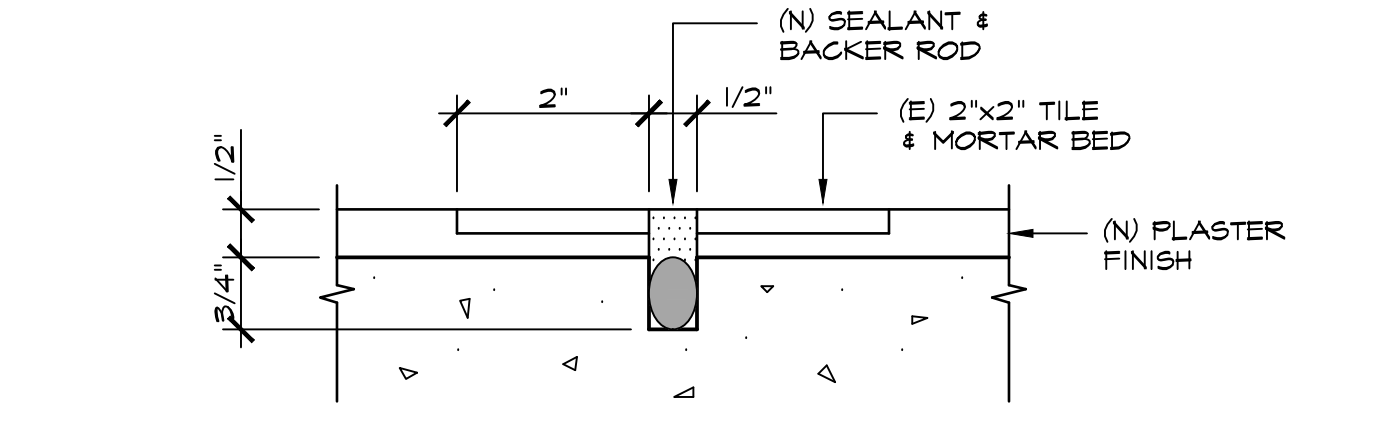
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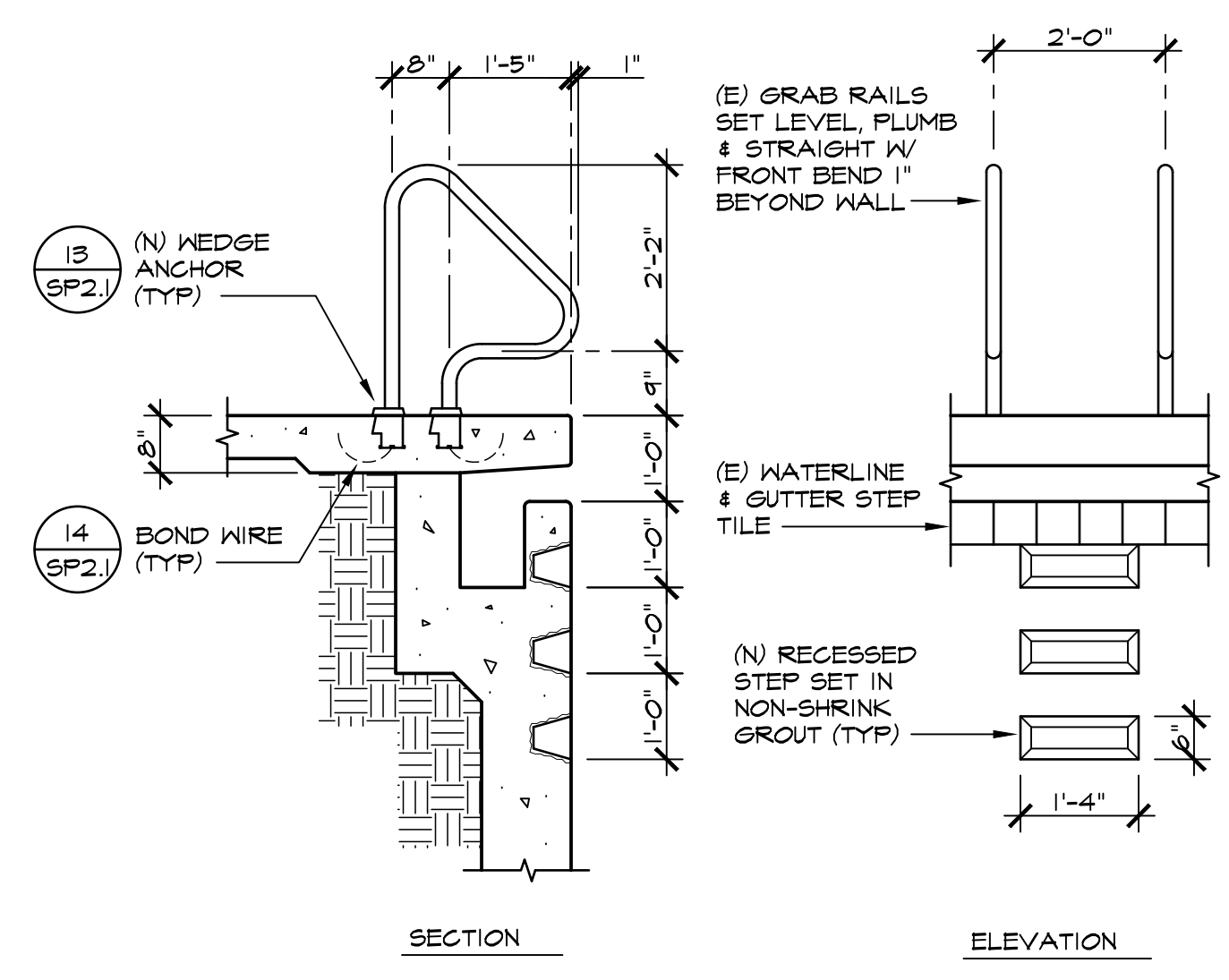
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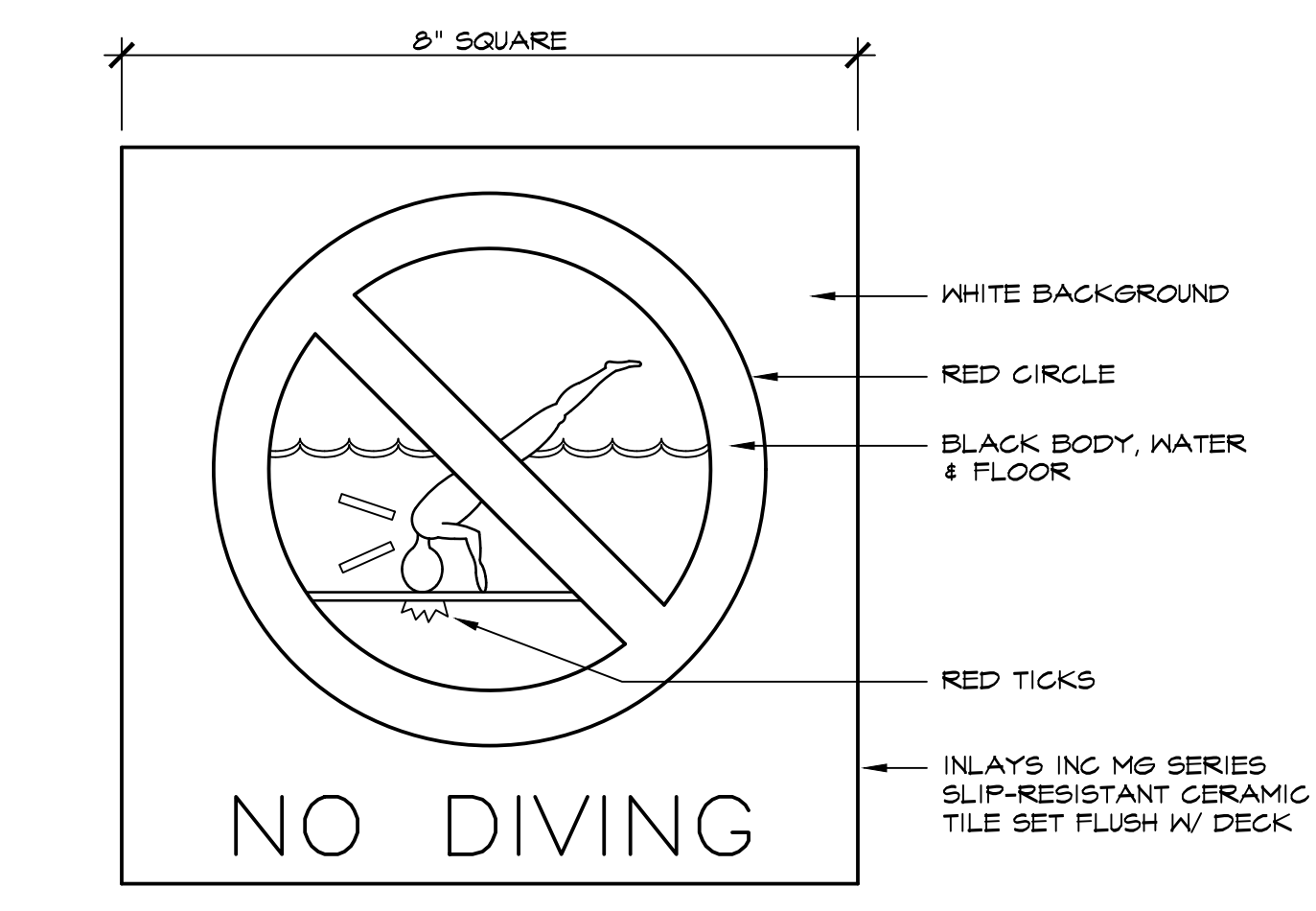
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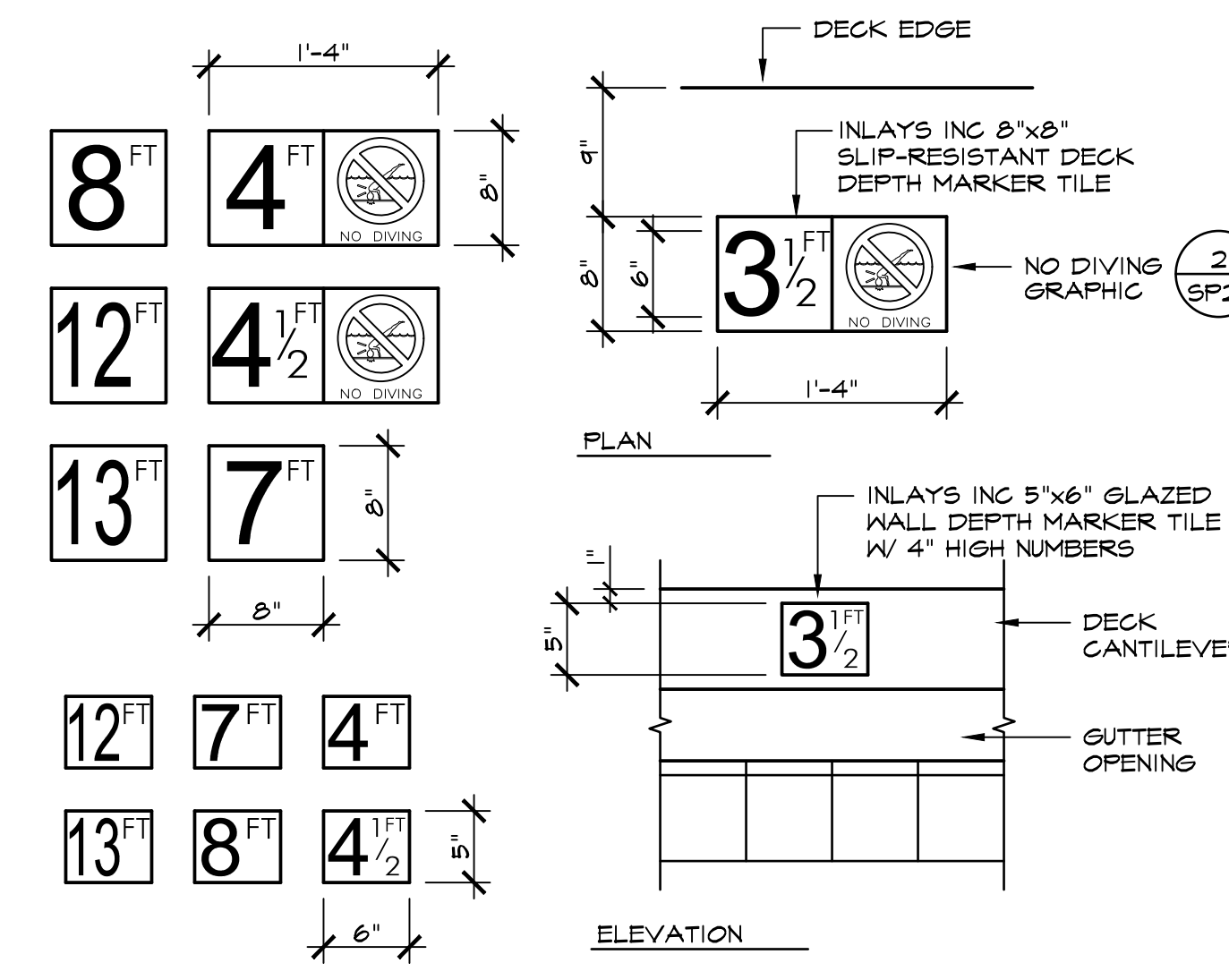
POOL EXPANSION JOINT
SCALE: HALF SIZE



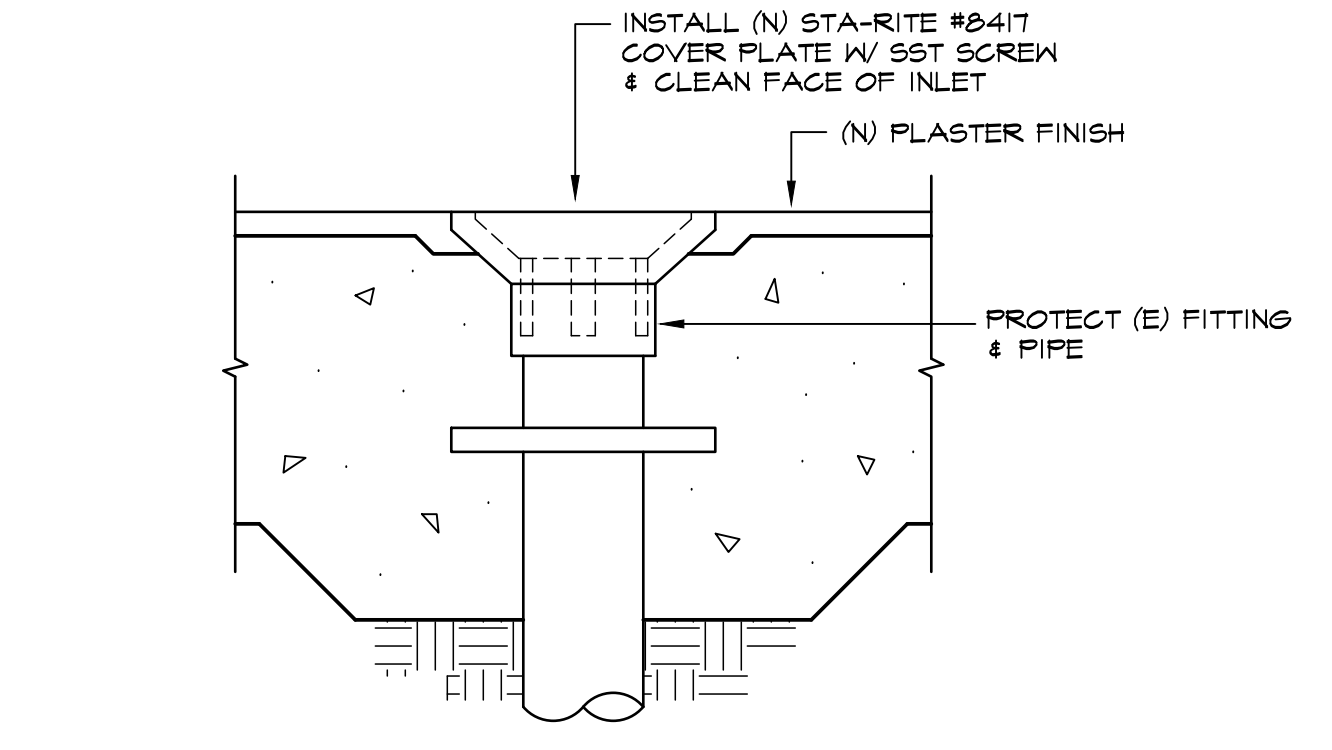
GRAB RAILS
SCALE: 1/2" = 1'-0"



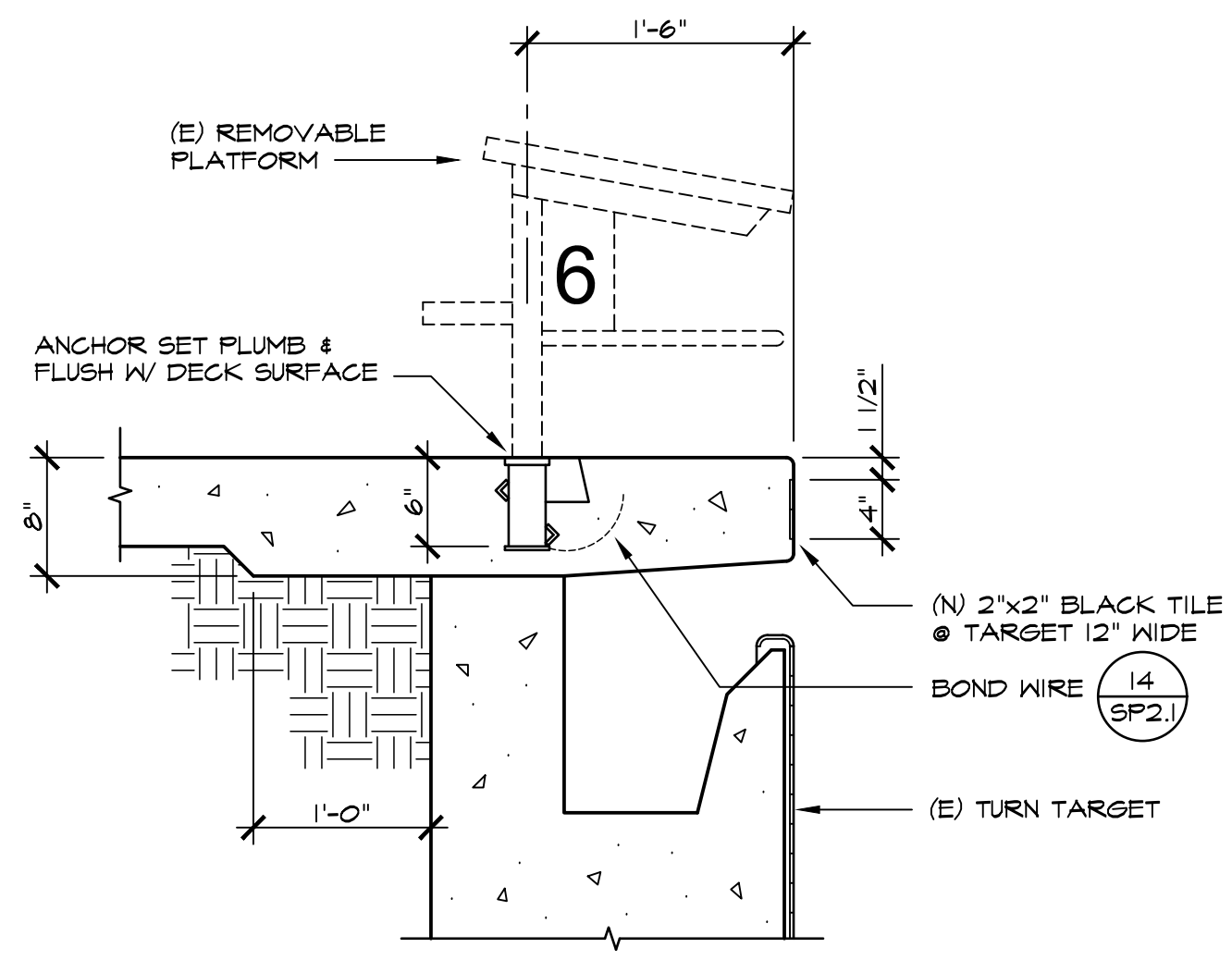
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SCALE: HALF SIZE



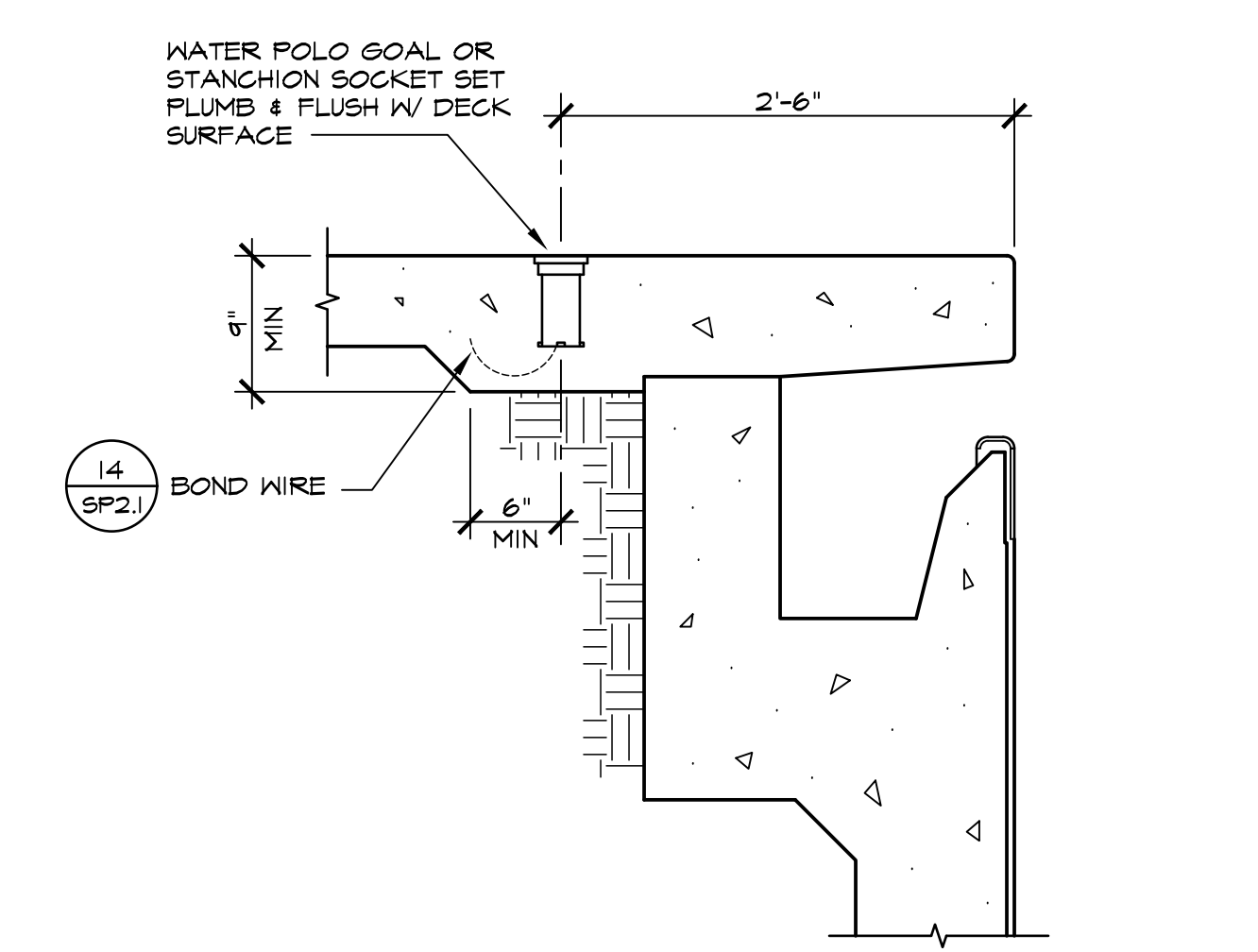
DEPTH MARKERS
SCALE: 1" = 1'-0"



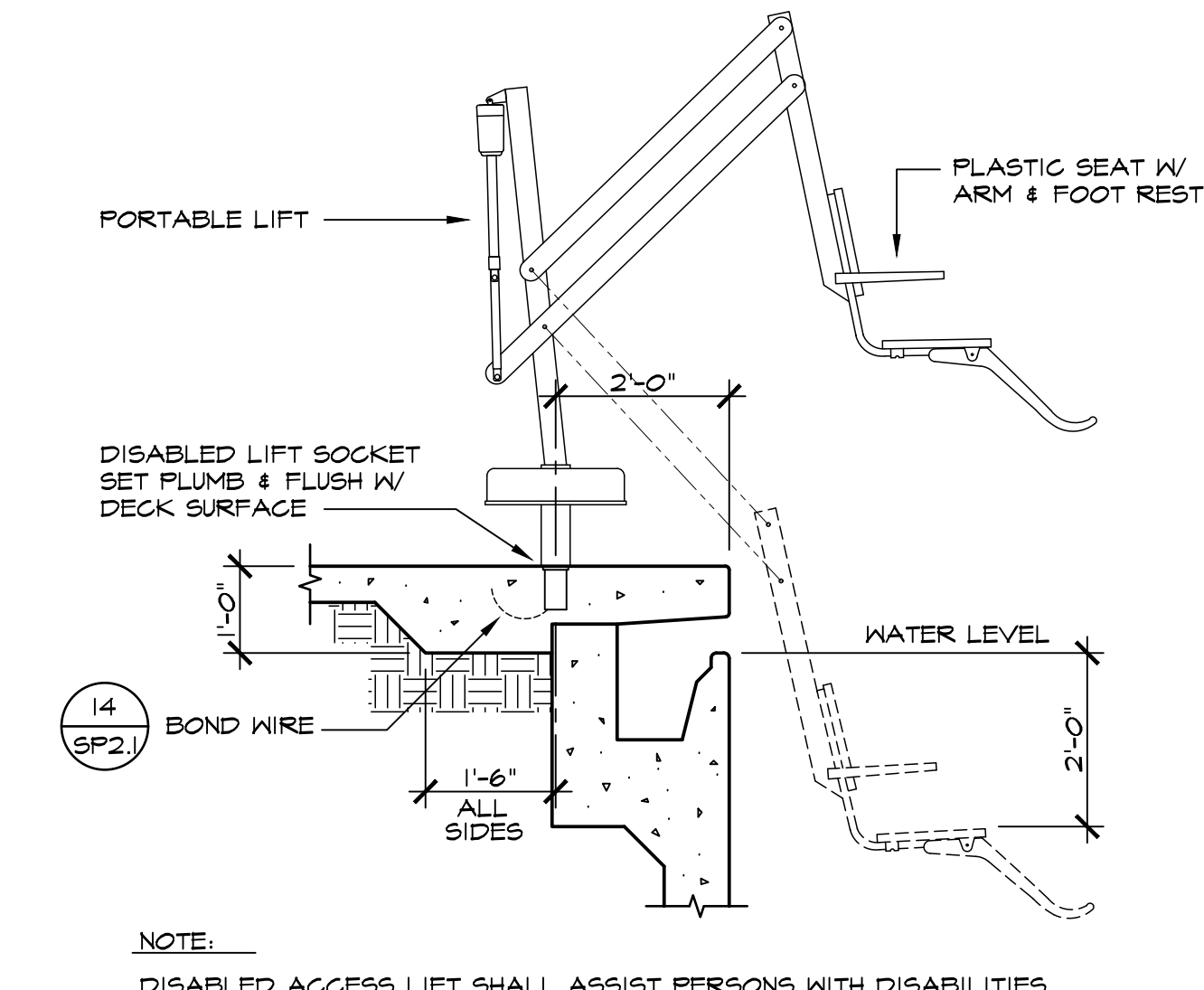
FLOOR INLET
SCALE: 3" = 1'-0"



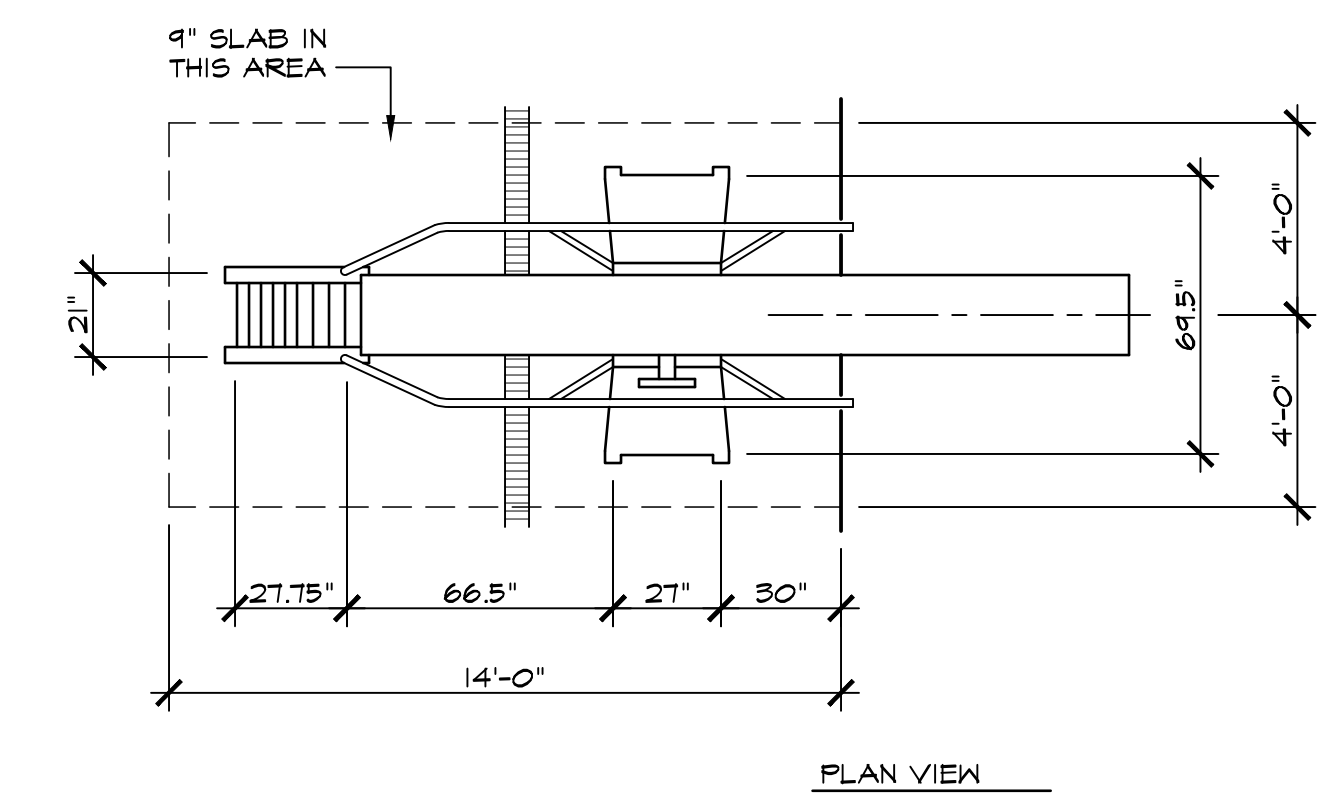
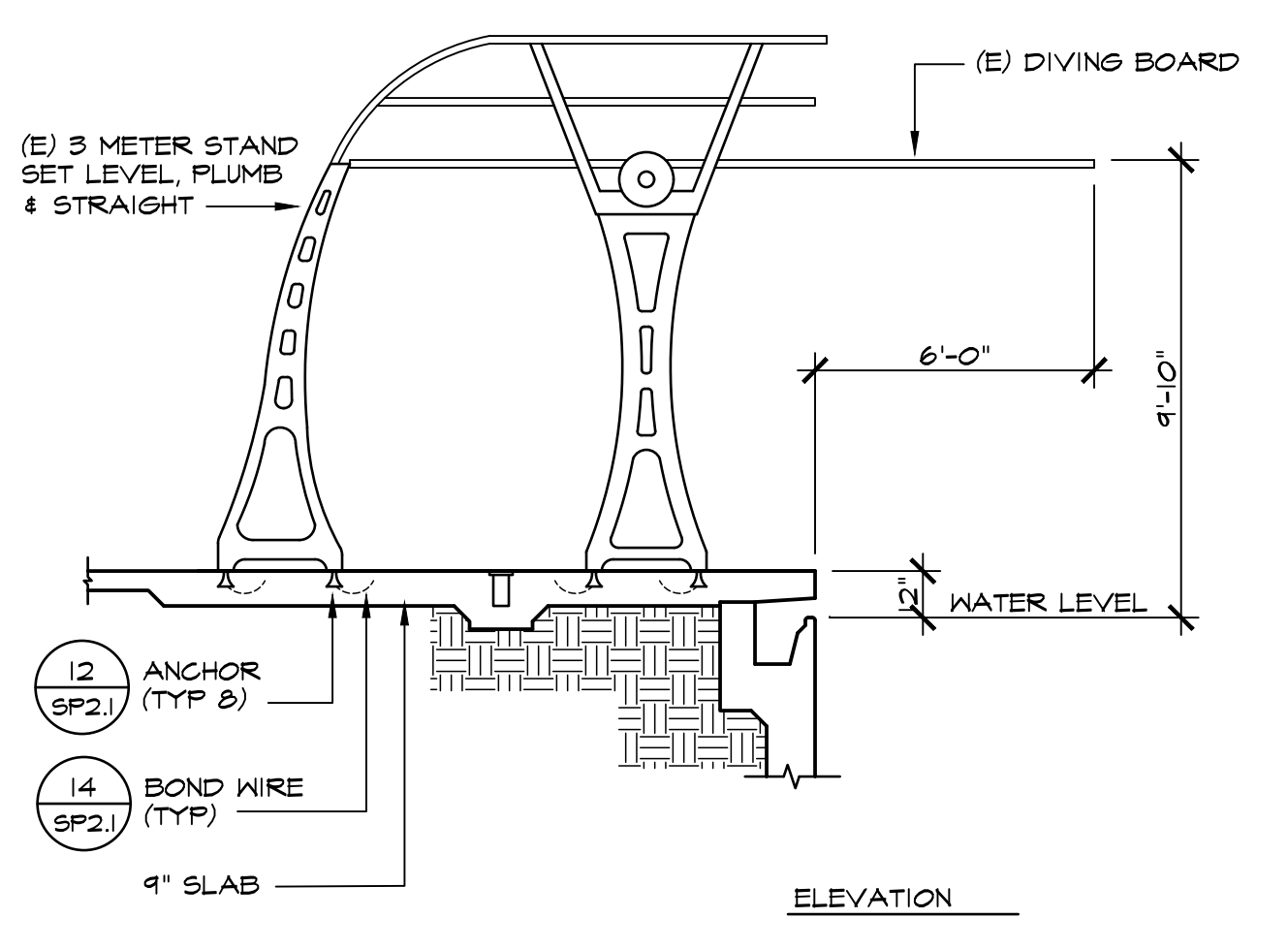
STARTING PLATFORM
SCALE: 1" = 1'-0"



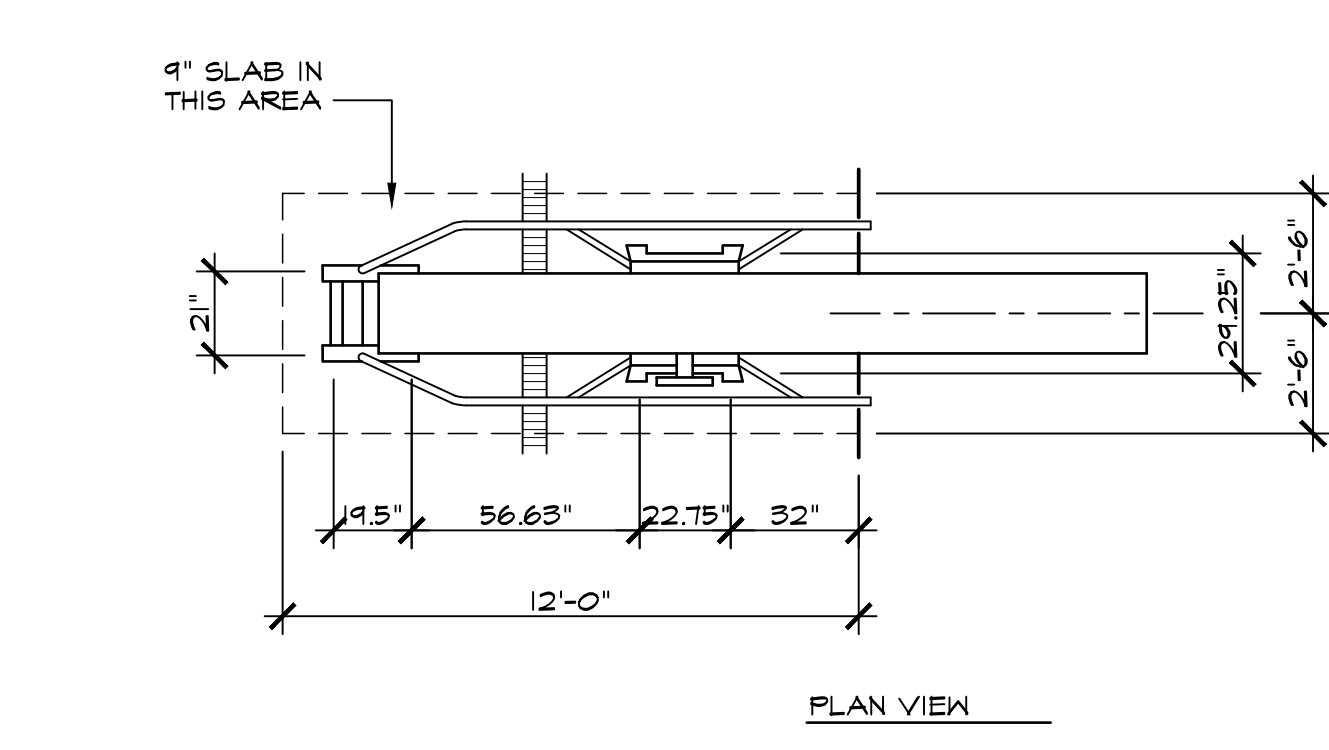
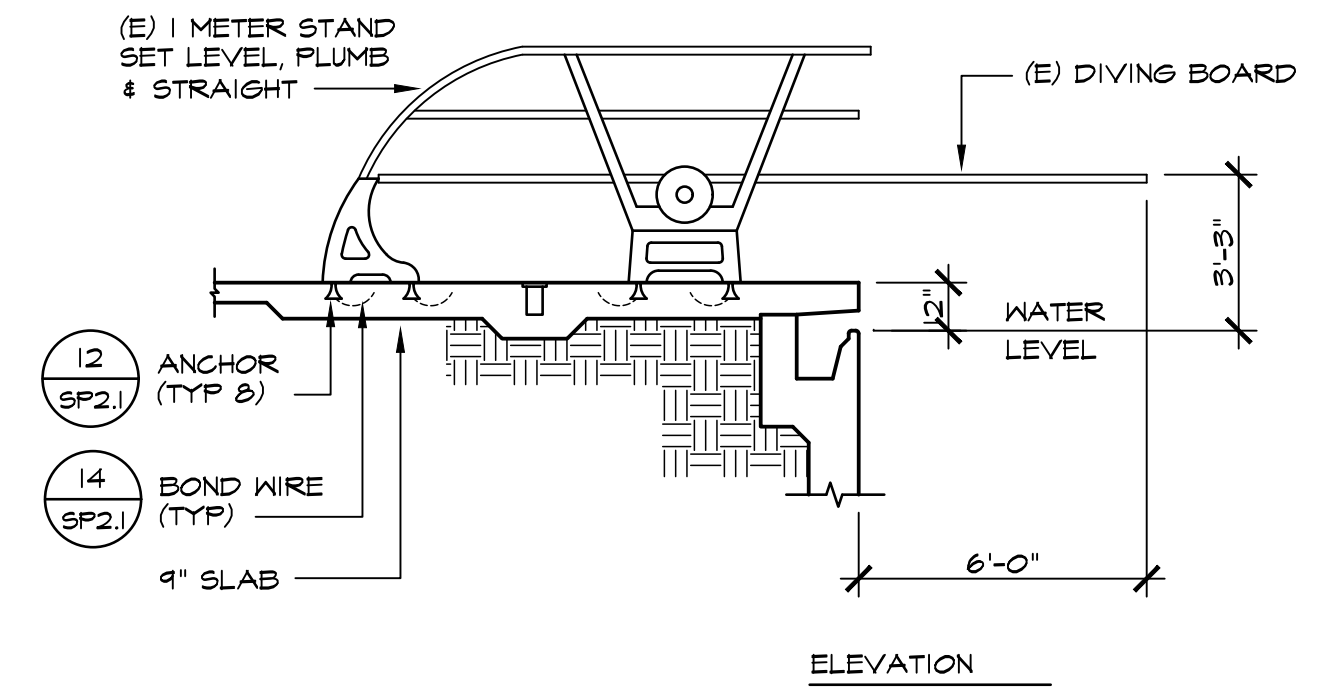
STANCHION SOCKET
SCALE: 1" = 1'-0"



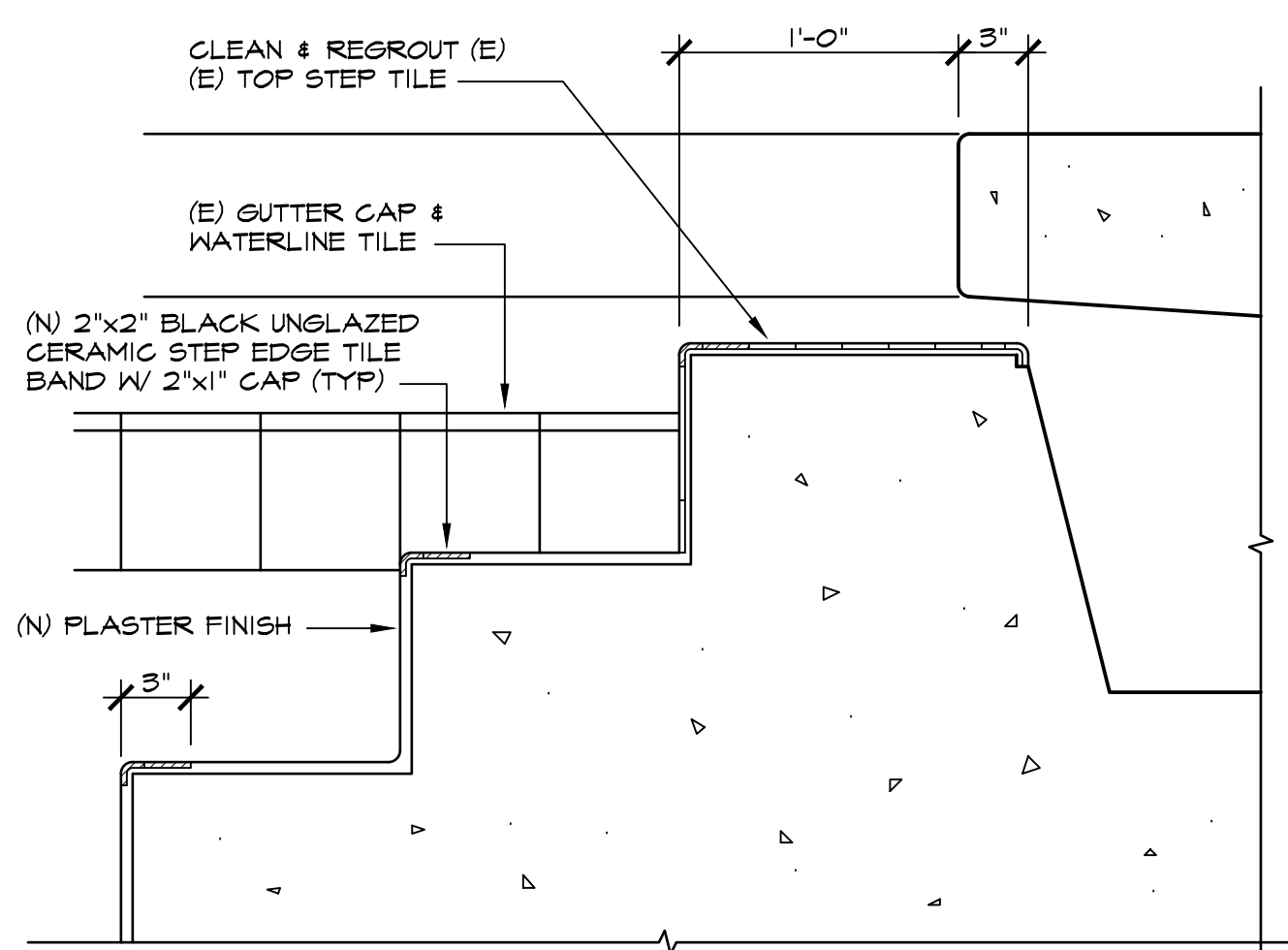
DISABLED LIFT
SCALE: 1/2" = 1'-0"



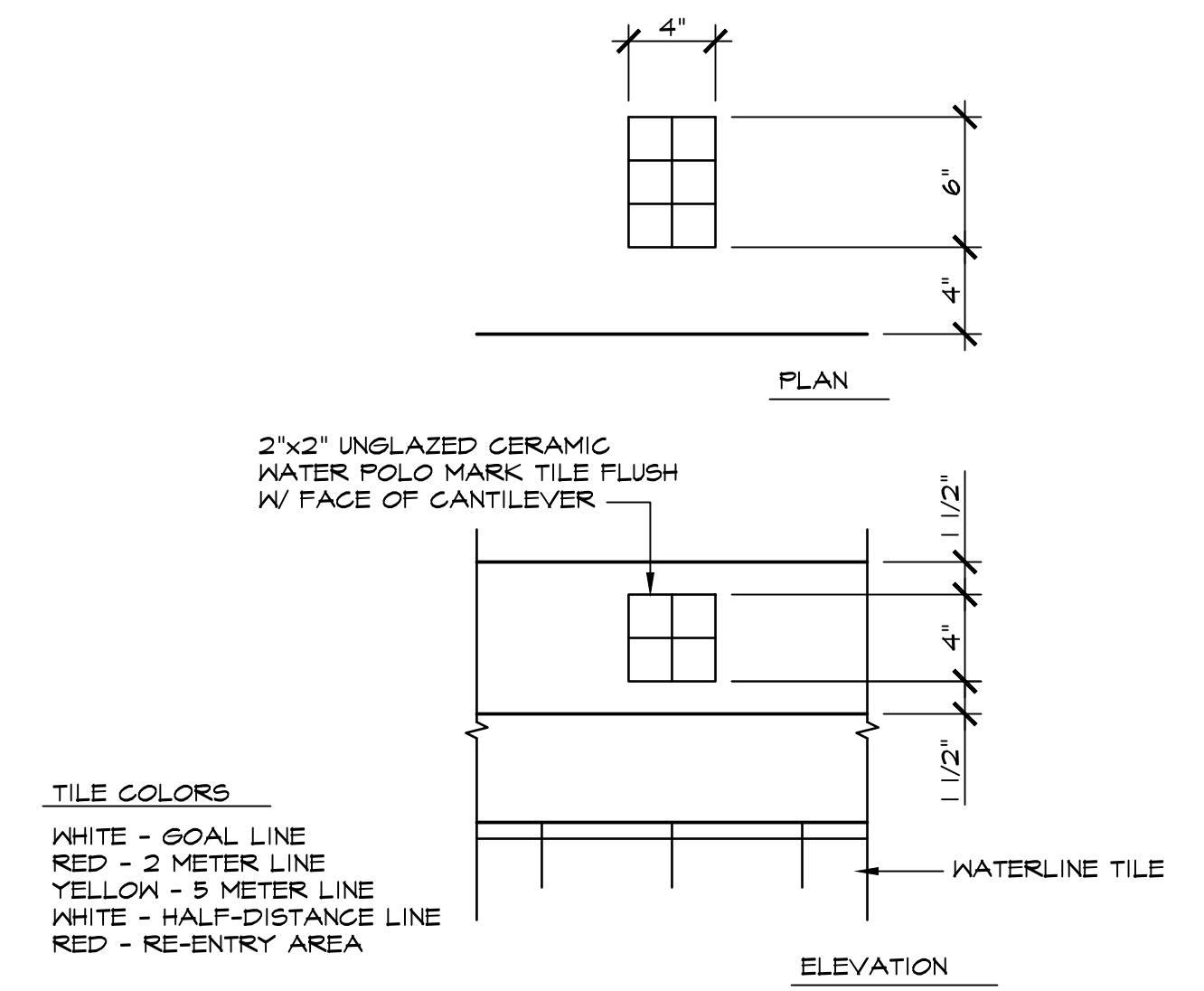
NOTES:
1. SET ANCHORS USING MANUFACTURER'S TEMPLATE.
3-METER DIVING STAND
SCALE: 1/4" = 1'-0"



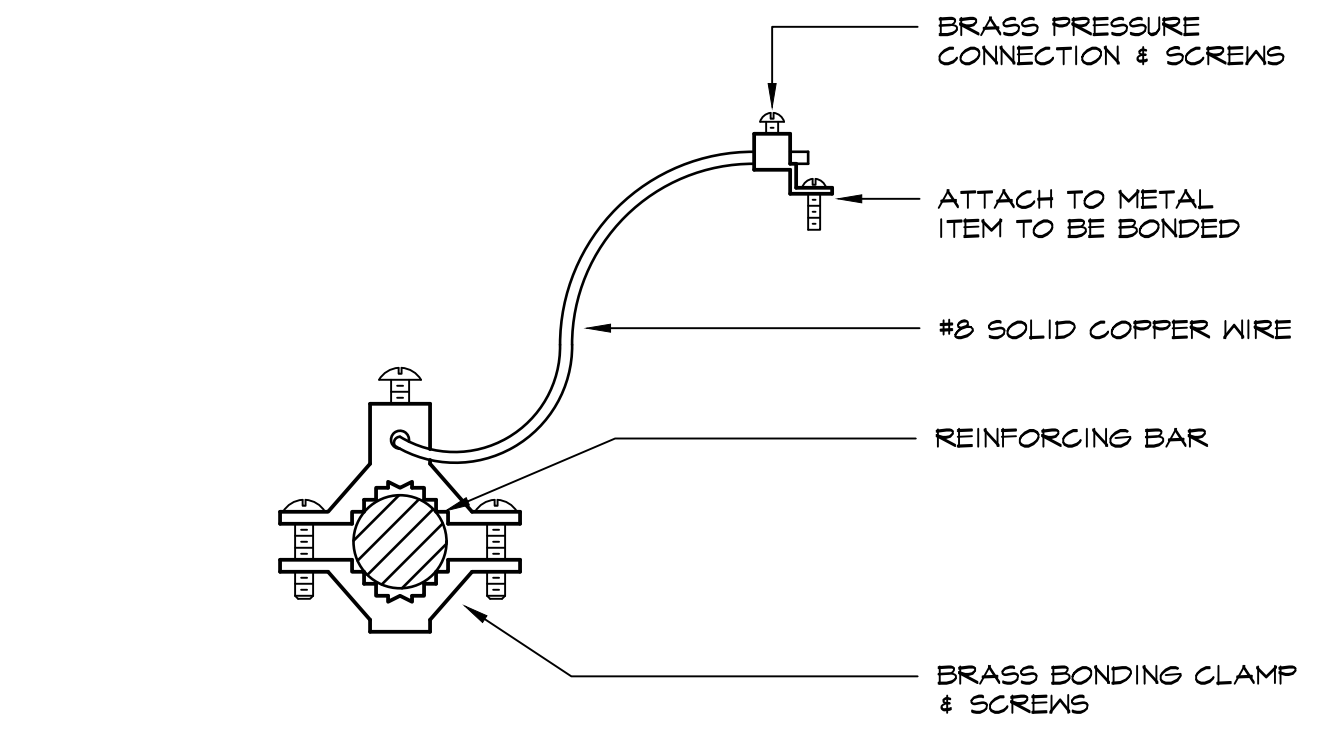
NOTES:
1. SET ANCHORS USING MANUFACTURER'S TEMPLATE.
1-METER DIVING STAND
SCALE: 1/4" = 1'-0"



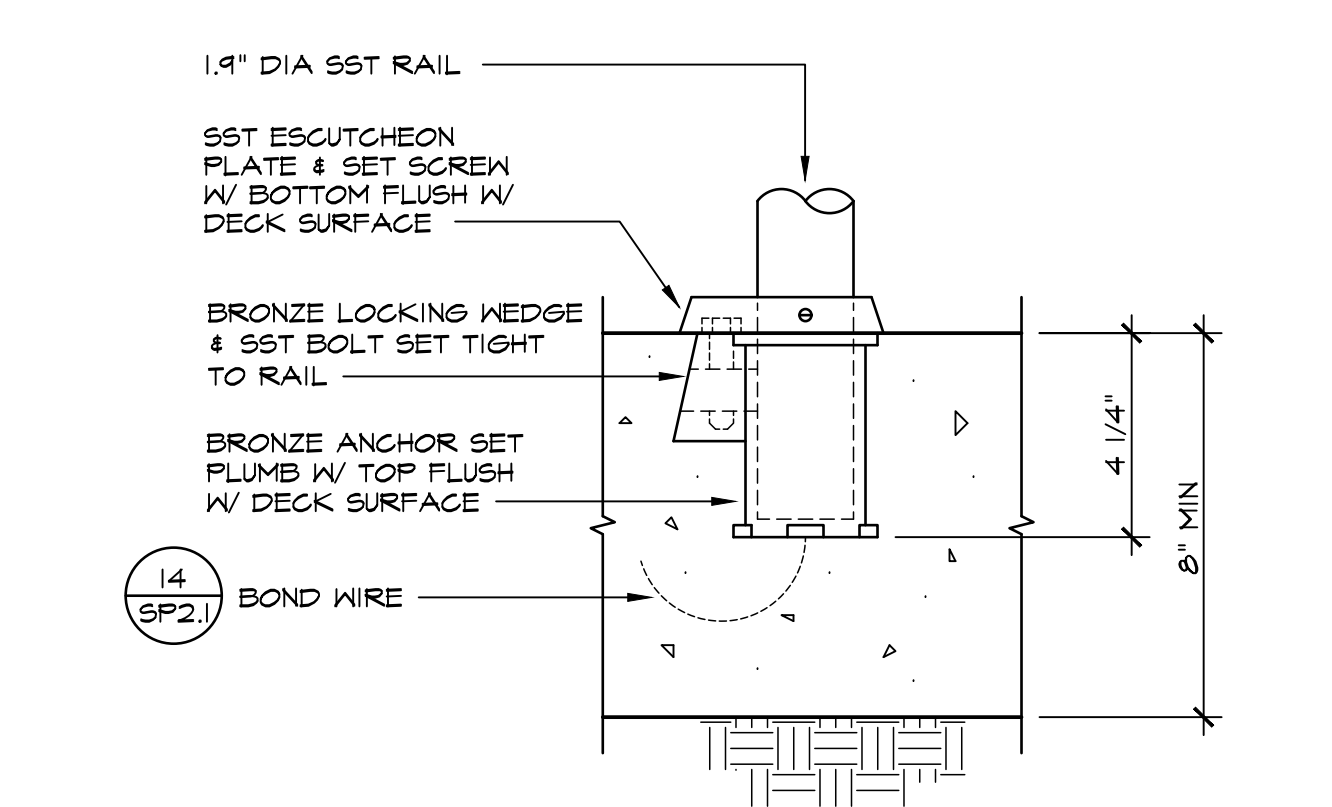
STAIR TILE
SCALE: 1 1/2" = 1'-0"



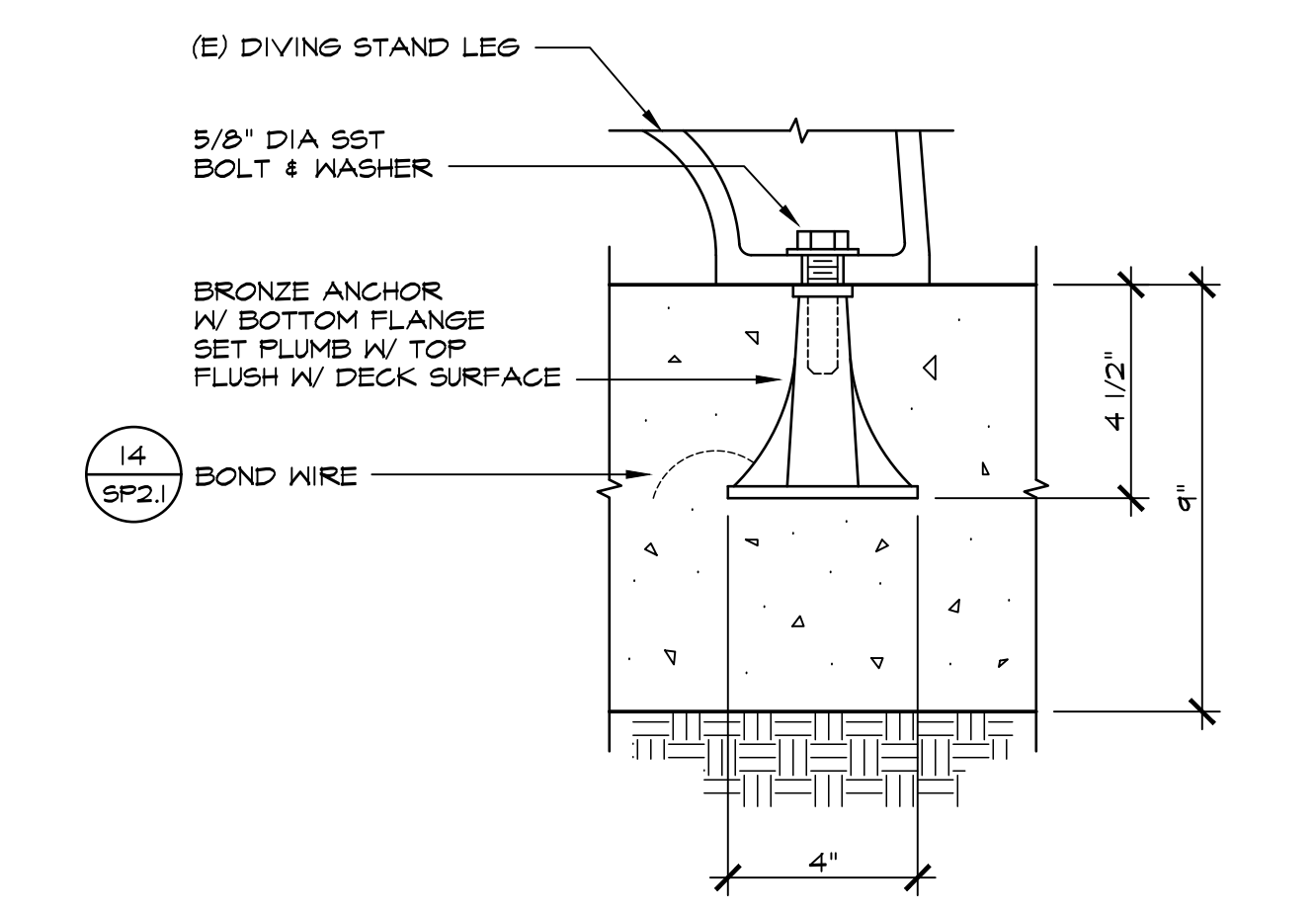
TILE COLORS
WHITE - GOAL LINE
RED - 2 METER LINE
YELLOW - 5 METER LINE
WHITE - HALF-DISTANCE LINE
RED - RE-ENTRY AREA
WATER POLO MARK
SCALE: 1 1/2" = 1'-0"



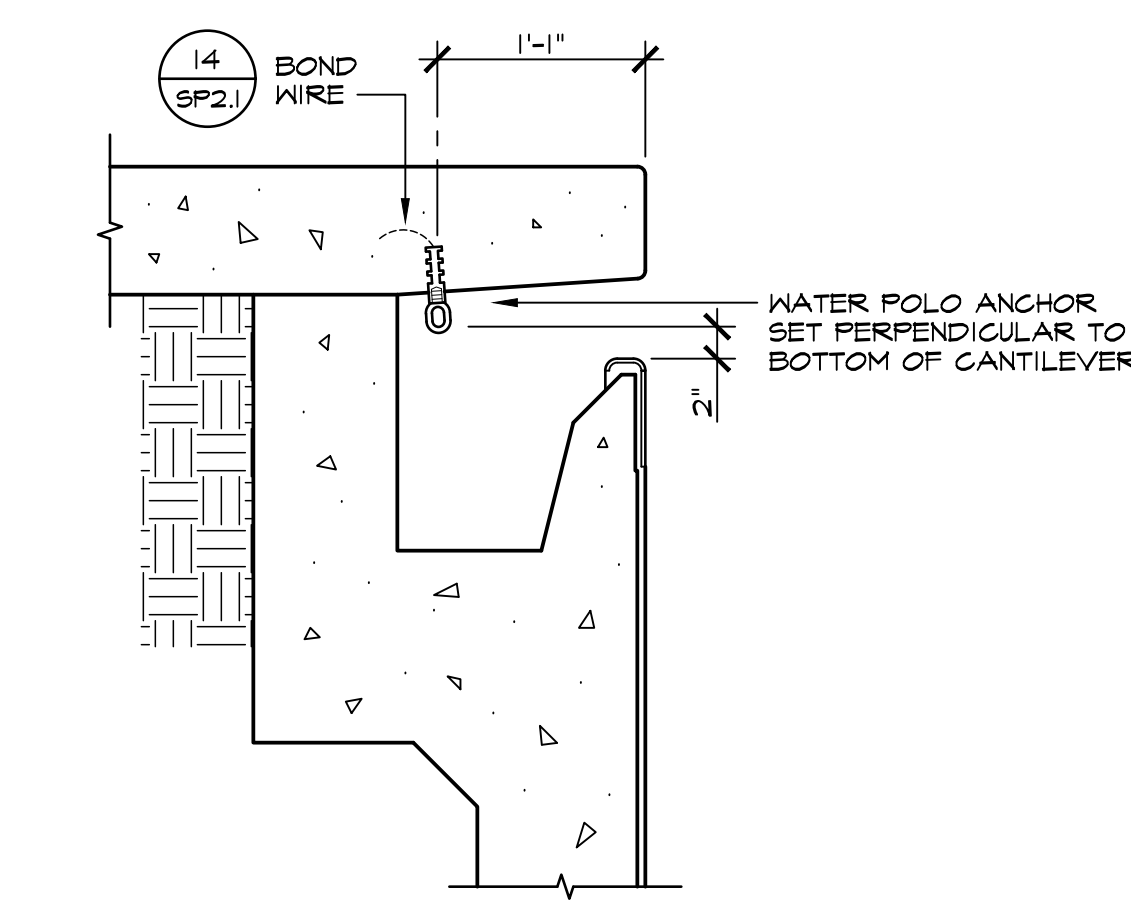
BOND WIRE
SCALE: NONE



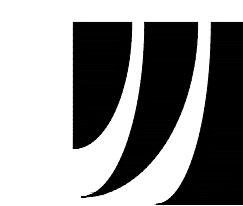
WEDGE ANCHOR
SCALE: 3" = 1'-0"



DIVING STAND ANCHOR
SCALE: 3" = 1'-0"



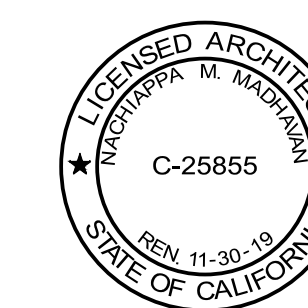
WATER POLO ANCHOR
SCALE: 1" = 1'-0"



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PROFESSIONAL SEAL



CONSULTANT

APPROVALS

NO.	DATE	DESCRIPTION
△		
△		
△		
△		
△		
△		

**OXNARD HIGH SCHOOL
SWIMMING POOL REPAIR**
3400 WEST GONZALES ROAD
OXNARD, CALIFORNIA 93036

PHASE
BID SET

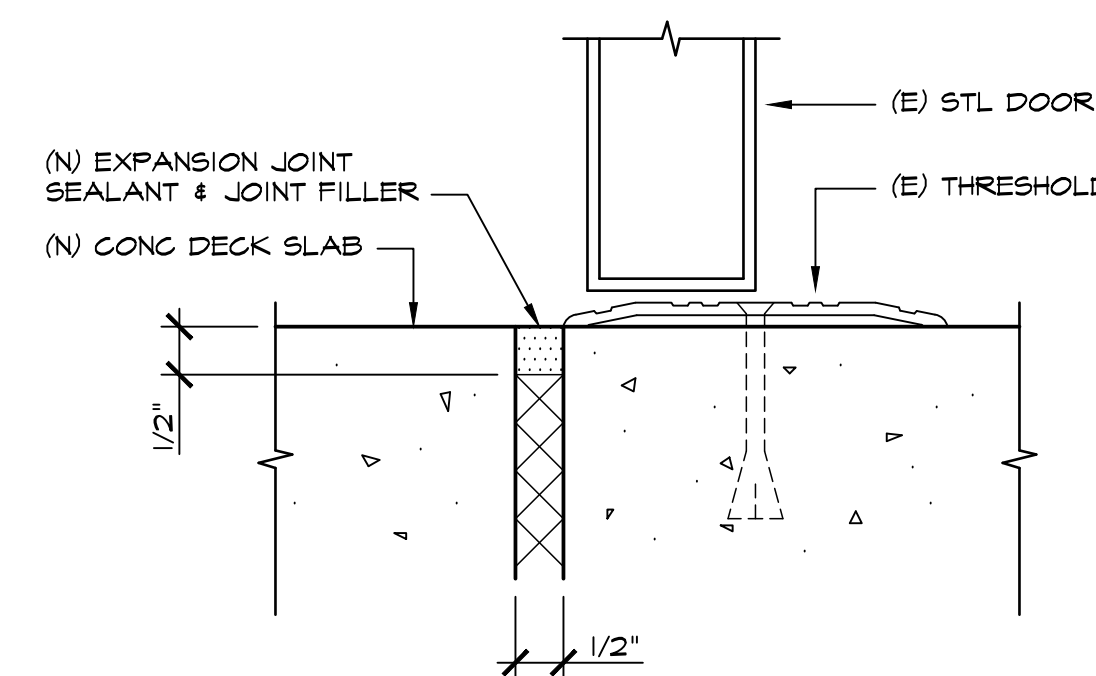
SHEET TITLE
**SWIMMING POOL
DETAILS**

DESIGNED BY: N.M. SHEET NO. 7 OF 7

CHECKED BY: D.J.

DATE: 9-10-19

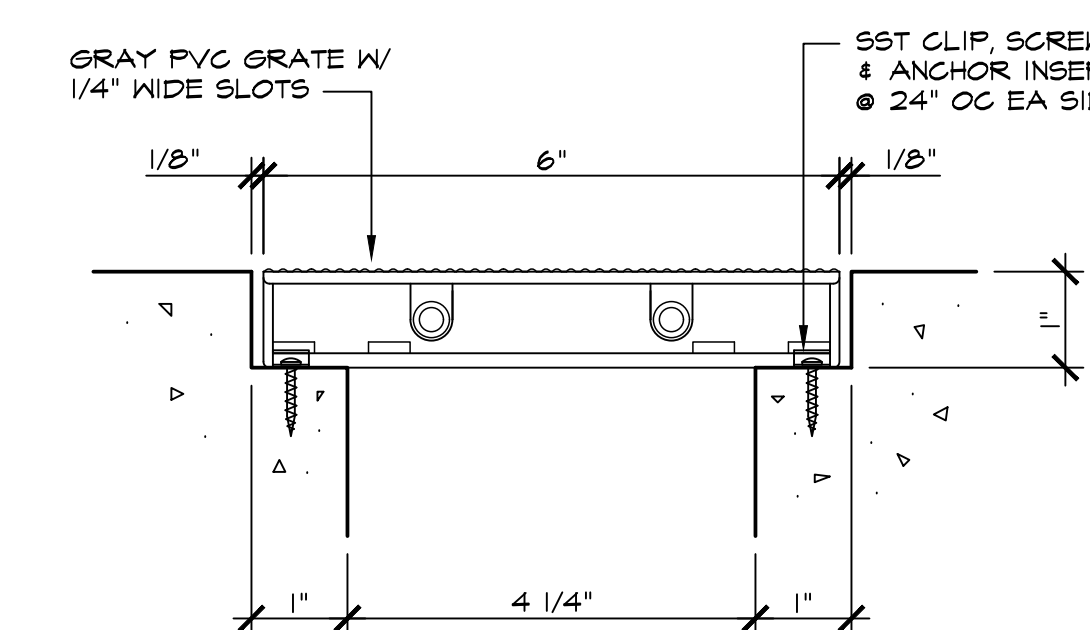
SP2.2



THRESHOLD

SCALE: HALF SIZE

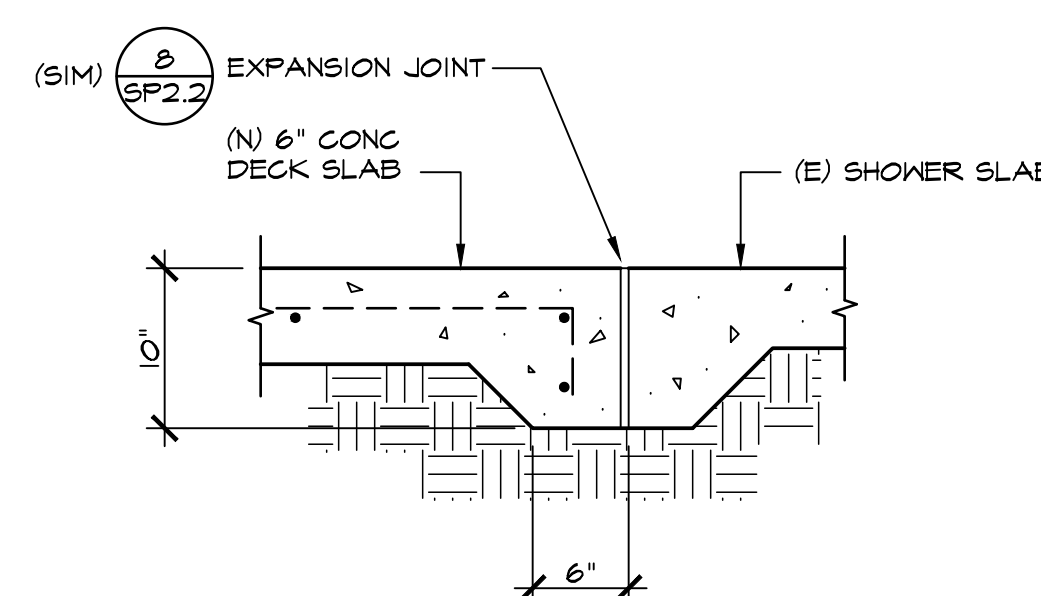
8



TRENCH DRAIN GRATE

SCALE: HALF SIZE

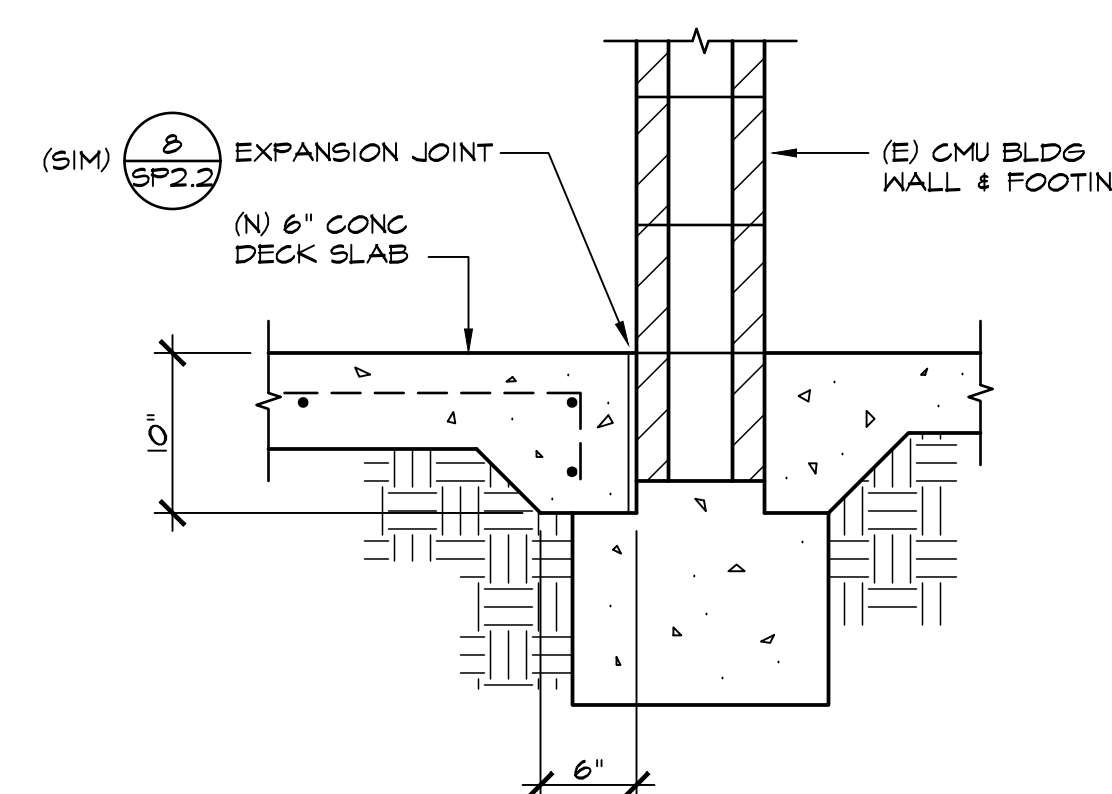
4



DECK EDGE @ SHOWER

SCALE: 1" = 1'-0"

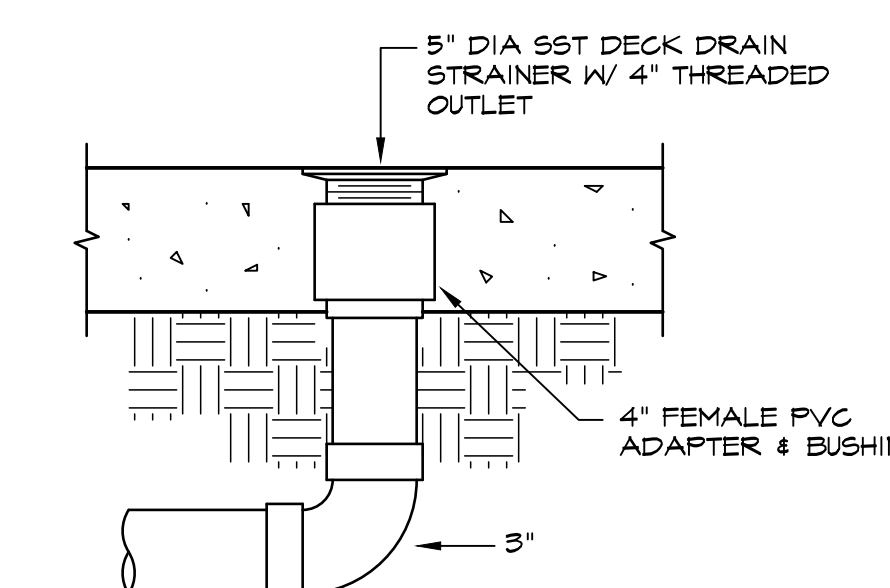
11



DECK EDGE @ BLDG

SCALE: 1" = 1'-0"

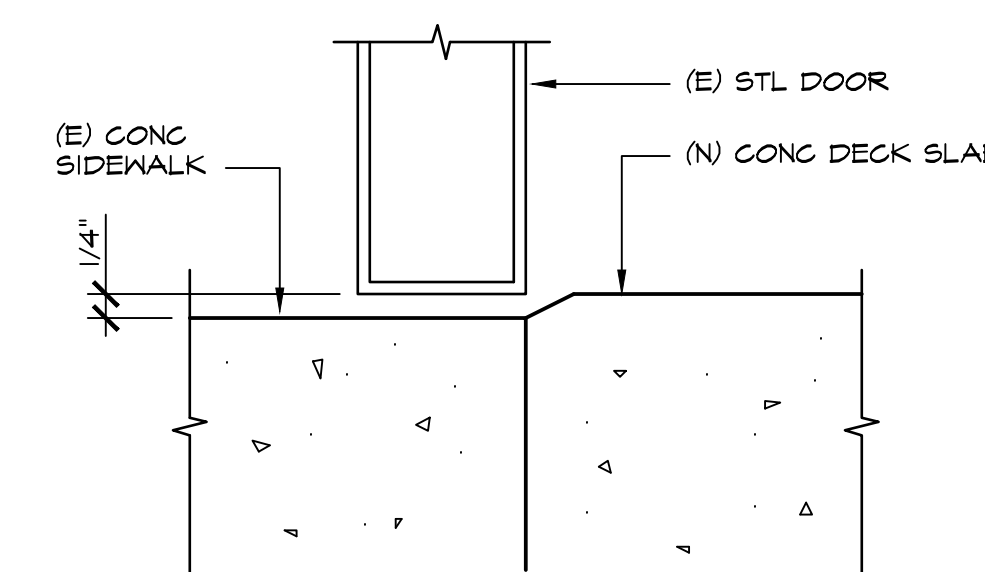
7



DECK DRAIN

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

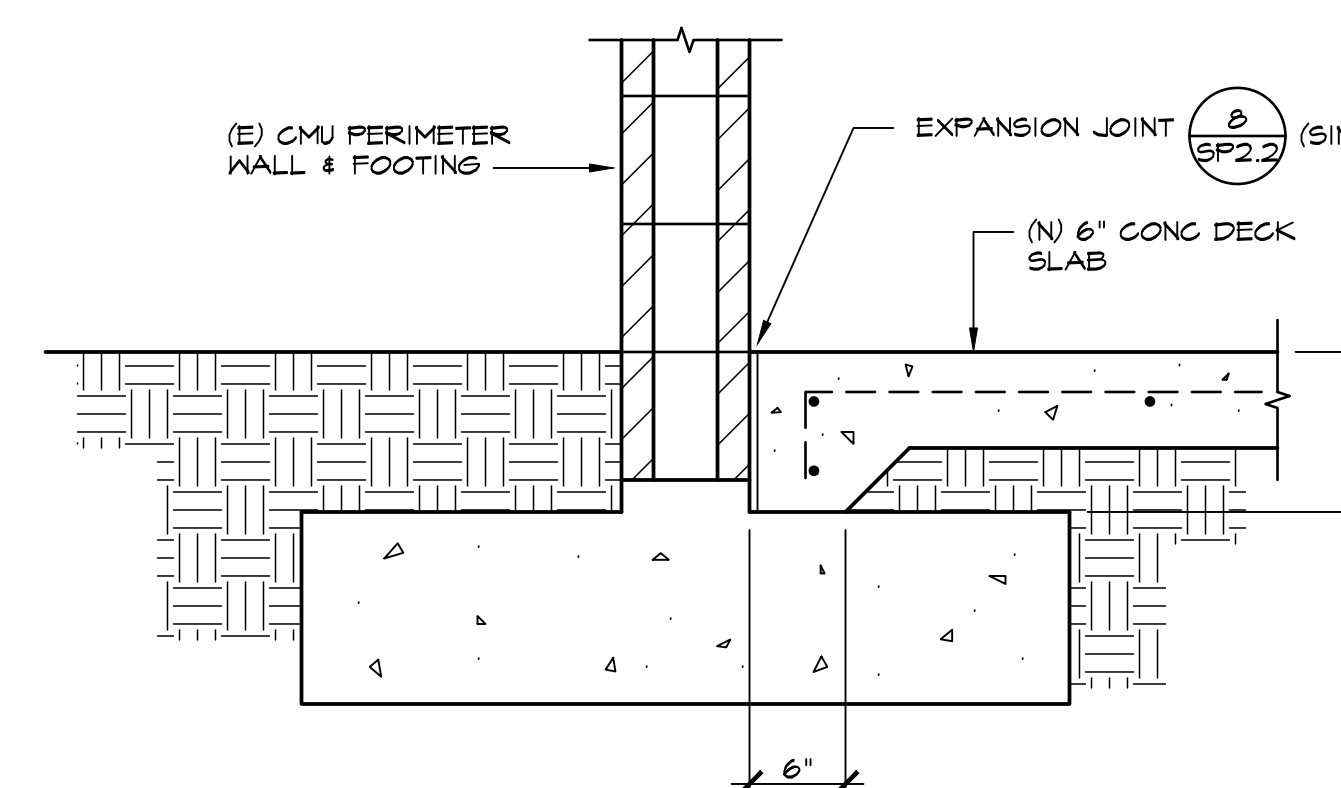
3



THRESHOLD @ WALL

SCALE: HALF SIZE

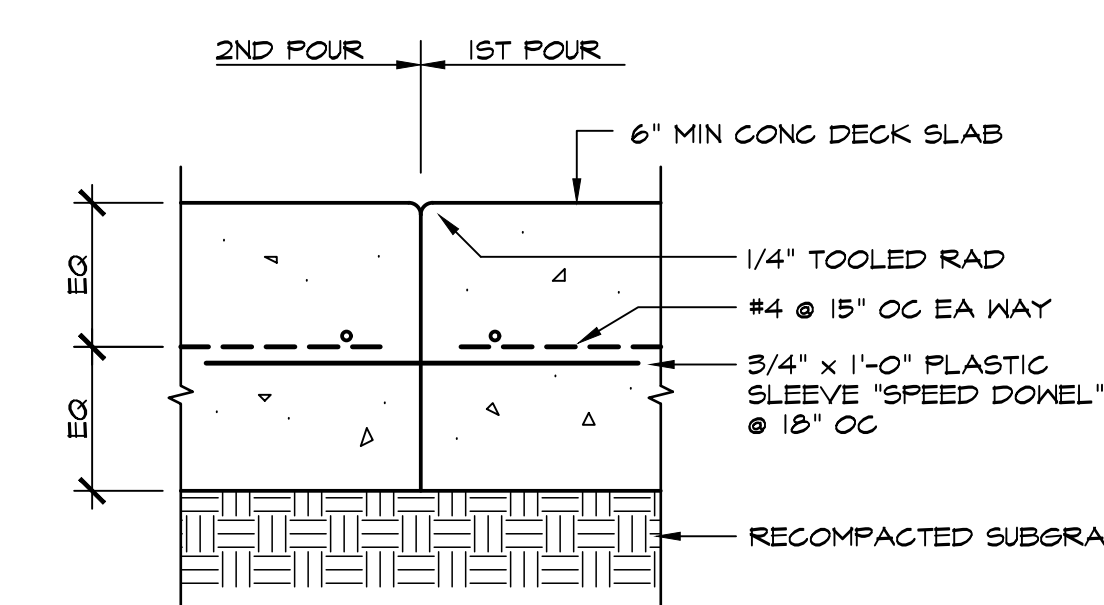
10



DECK EDGE @ WALL

SCALE: 1" = 1'-0"

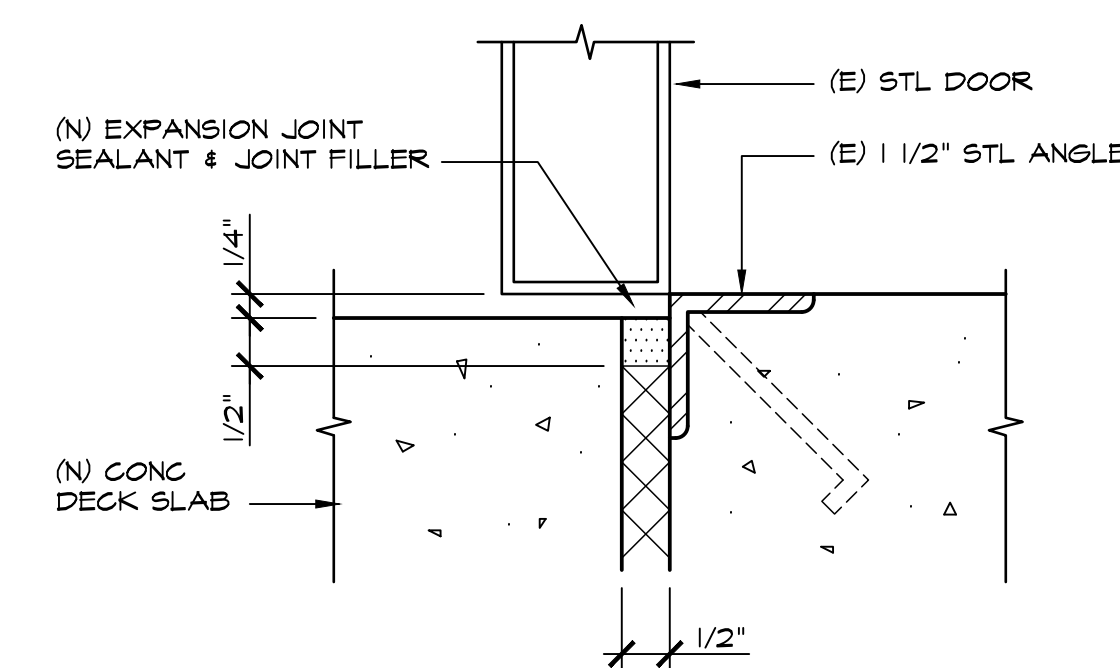
6



CONSTRUCTION JOINT

SCALE: 3" = 1'-0"

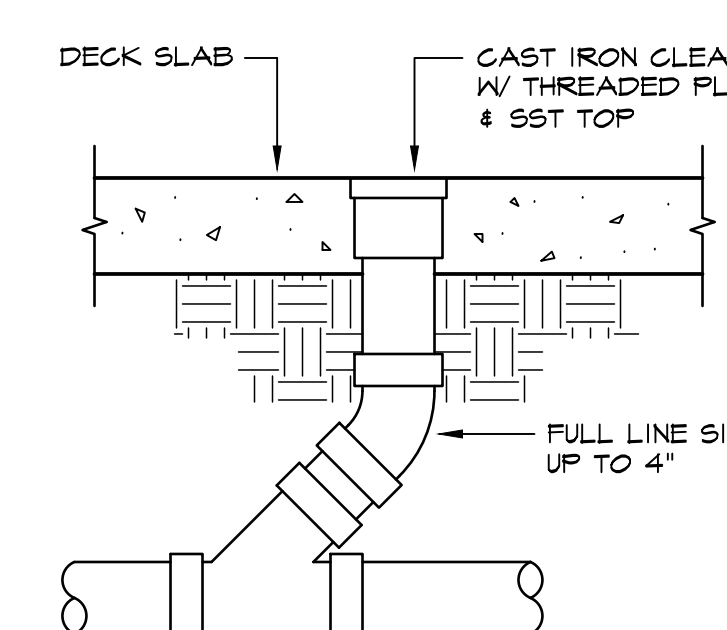
2



THRESHOLD

SCALE: HALF SIZE

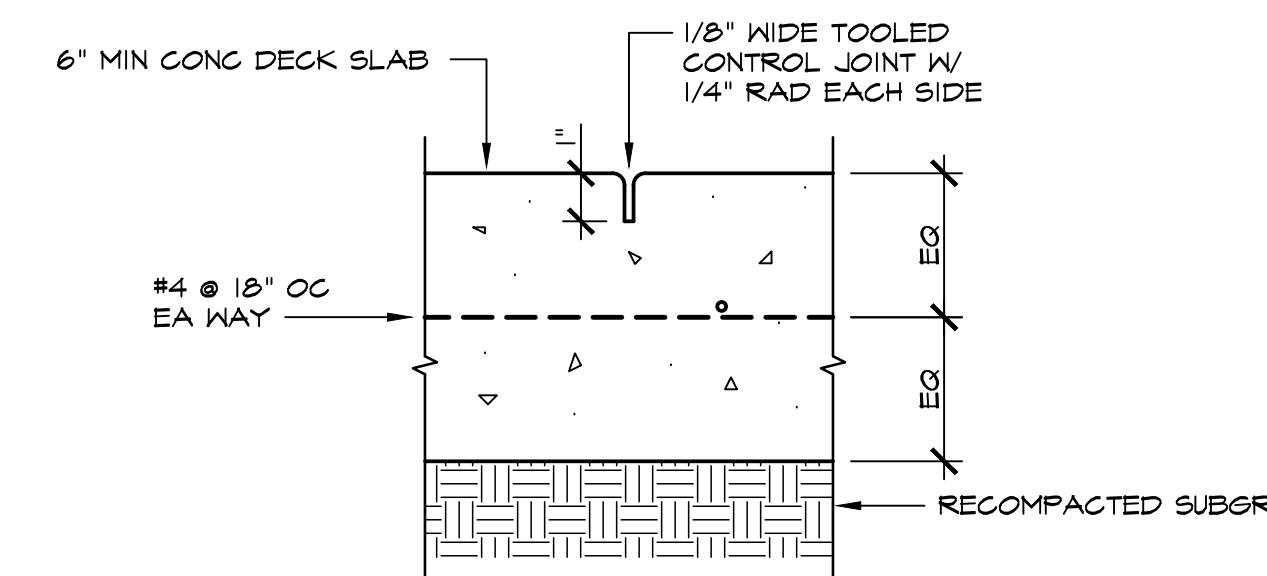
9



CLEANOUT

SCALE: 1" = 1'-0"

5



CONTROL JOINT

SCALE: 3" = 1'-0"

1

NOTE:
USE BON TOOL OR KRAFT DEEP & THIN TYPE GROOVER.