

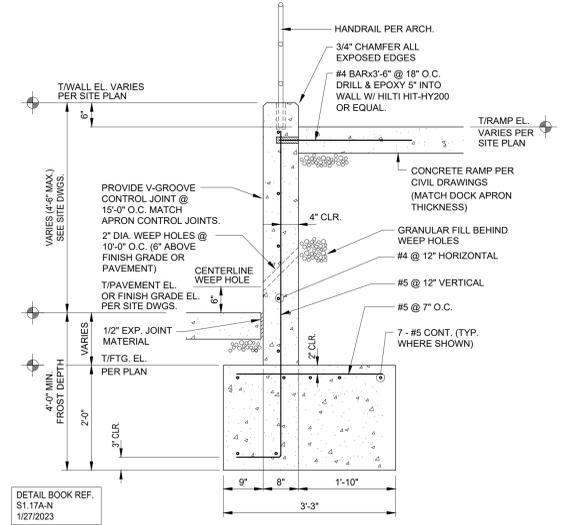
NO.	DATE	DESCRIPTION
12-04-23		COORDINATION SET
12-08-23		75% PROGRESS SET
01-26-24		90% PROGRESS SET
02-09-24		PERMIT SET

LAP SCHEDULE 3000 PSI CONCRETE		
BAR SIZE	LAP OTHER	LAP TOP
#3	21"	28"
#4	28"	37"
#5	35"	46"
#6	42"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	117"

LAP SCHEDULE 4000 PSI CONCRETE		
BAR SIZE	LAP OTHER	LAP TOP
#3	19"	24"
#4	25"	32"
#5	31"	40"
#6	37"	48"
#7	54"	70"
#8	62"	80"
#9	70"	90"
#10	78"	102"

DETAIL BOOK REF.  
 S1.04  
 1/27/2023

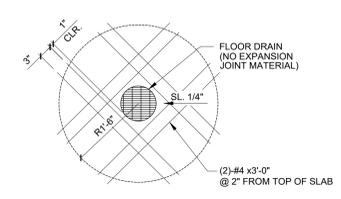
- NOTES:
- TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPICE LENGTHS ARE CALCULATED PER ACI 318-14, SECTION 25.4.2 AND 25.5.2, RESPECTIVELY.
  - TABLE IS BASED ON NORMAL WEIGHT CONCRETE. FOR LIGHTWEIGHT AGGREGATE CONCRETE, MULTIPLY THE TABULATED VALUES BY 1.33.
  - TABLE IS BASED ON 60KSI REINFORCEMENT.
  - \*TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BARS.
  - THE FOLLOWING REQUIREMENTS MUST BE MET TO USE VALUES:  
 - BAR COVER IS GREATER THAN THE BAR DIAMETER  
 - BAR SPACING IS AT LEAST 3X BAR DIAMETER



**TYP. PLAN VIEW OF  
 TOP OF RAMP WALL**

SCALE: 3/4" = 1'-0"  
 NOTE:  
 APPLIES WHEN RAIL IS TOP MOUNTED ONLY.

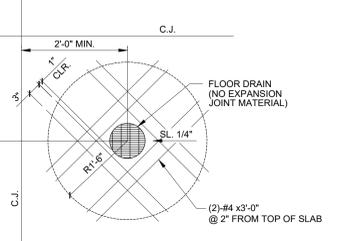
DETAIL BOOK REF.  
 S1.17A-N  
 1/27/2023



**FLOOR DRAIN  
 PLAN DETAIL**

SCALE: NO SCALE

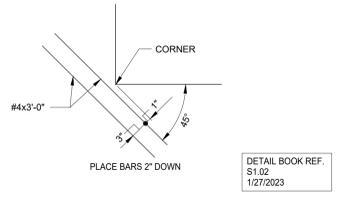
DETAIL BOOK REF.  
 S1.04  
 1/27/2023



**PLUMBING  
 CLEANOUT PLAN DETAIL**

SCALE: NO SCALE

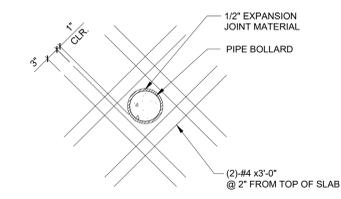
DETAIL BOOK REF.  
 S1.03  
 1/27/2023



**SLAB ON GRADE  
 RE-ENTRANT CORNER**

SCALE: NO SCALE  
 NOTE: ONLY INSTALL RE-ENTRANT BARS WHEN A SAW CUT IS NOT PROVIDED TO THE CORNER IN QUESTION.

DETAIL BOOK REF.  
 S1.02  
 1/27/2023



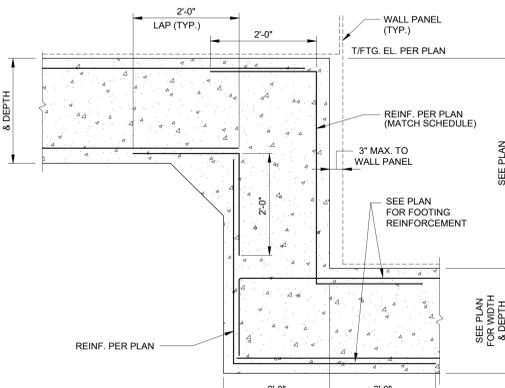
**REBAR @  
 PIPE BOLLARDS**

SCALE: NO SCALE

DETAIL BOOK REF.  
 S1.08  
 1/27/2023

**CAST-IN-PLACE  
 DRIVE IN DOOR RAMP WALL  
 (TOP RAIL ATTACHMENTS)**

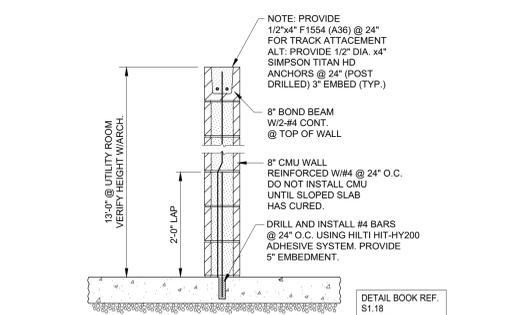
SCALE: NO SCALE



**SECTION AT FOOTING STEP**

SCALE: NO SCALE

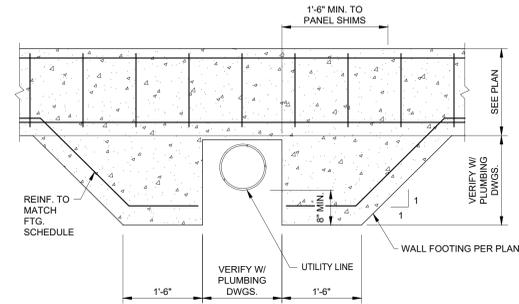
DETAIL BOOK REF.  
 S1.05  
 1/27/2023



**INTERIOR MASONRY WALL**

SCALE: NO SCALE

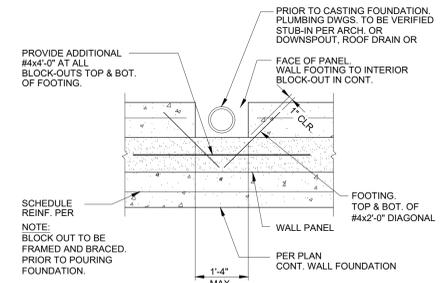
DETAIL BOOK REF.  
 S1.18  
 1/27/2023



**WALL FOOTING AT  
 UTILITY LINE CROSSING**

SCALE: NO SCALE

DETAIL BOOK REF.  
 S1.22-N  
 1/27/2023



**FOOTING BLOCKOUT  
 AT DOWNSPOUT,  
 ROOF DRAIN,  
 AND UTILITY**

SCALE: NO SCALE

DETAIL BOOK REF.  
 S1.07  
 1/27/2023