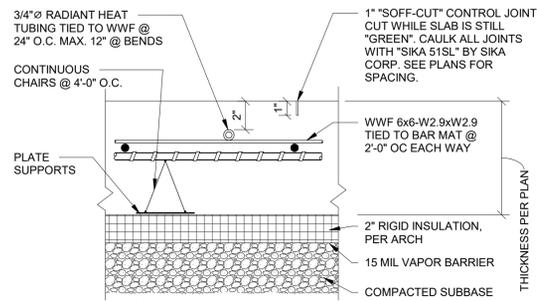


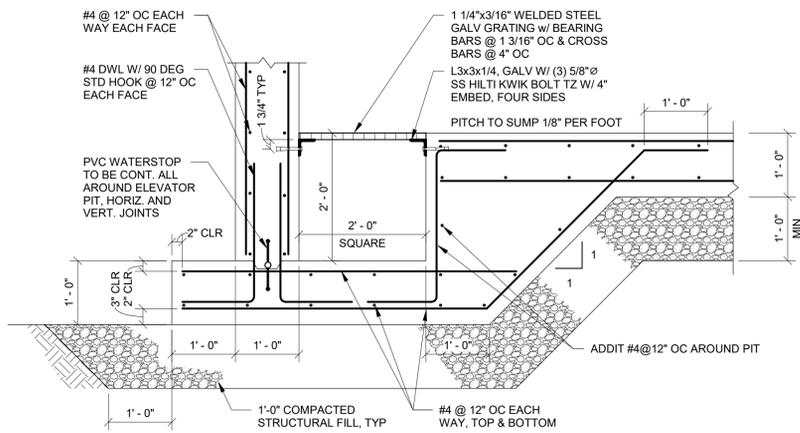
- NOTES:**
- SEAL CONCRETE SURFACE W/ (2) COATS 'SEAL-HARD', BY L-M CONSTRUCTION CHEMICAL CO.
  - ALL REBAR SHALL BE EPOXY COATED.
  - CONTR TO REFER TO MEP DWGS AS WELL AS MANUFACTURER'S REQUIREMENTS FOR SIZE AND LOCATION OF PADS.

**15** TYPICAL EXTERIOR EQUIPMENT PAD DETAIL  
S301 N.T.S

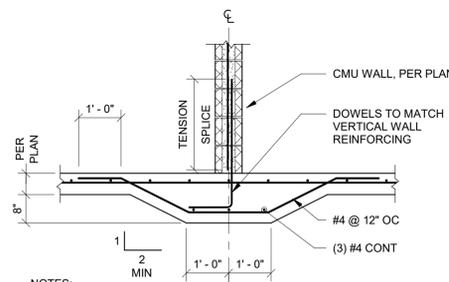


- NOTES:**
- REFER TO 5/S301 FOR CONSTRUCTION JOINT IN SLAB.

**13** INTERIOR RADIANT HEAT SLAB DETAIL  
S301 N.T.S

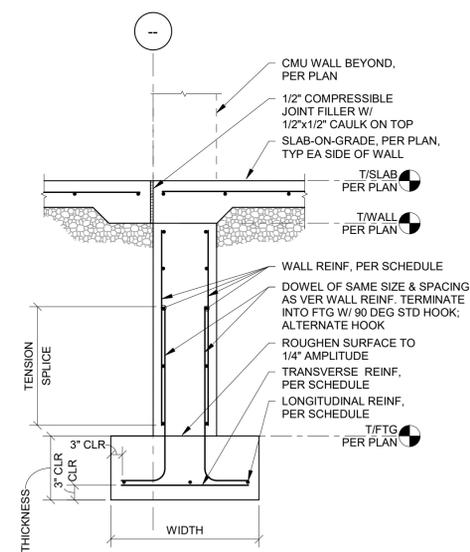


**12** TYPICAL ELEVATOR SUMP PIT DETAIL  
S301 N.T.S

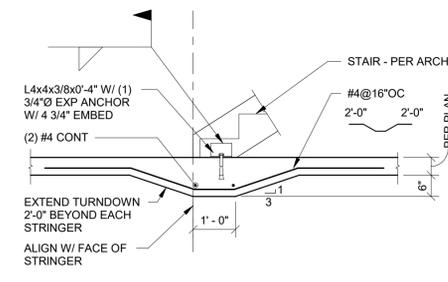


- NOTES:**
- CONTRACTOR OPTION TO USE THIS DETAIL IN LIEU OF 5/S300

**11** TYPICAL THICKENED SLAB DETAIL @ CMU WALL  
S301 N.T.S

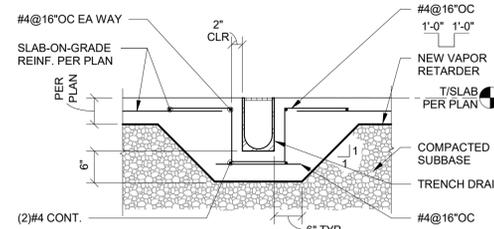


**14** INTERIOR FOUNDATION WALL AT DOOR OPENING  
S301 N.T.S



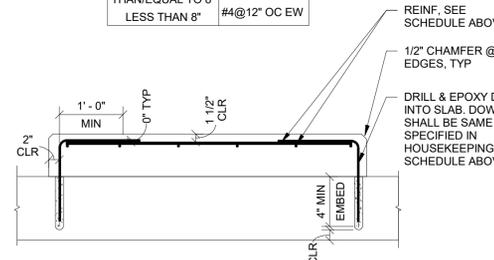
- NOTES:**
- GC TO COORDINATE STAIR STRINGER LOCATIONS WITH ARCH DRAWINGS AND PROVIDE TURNDOWN WHERE REQUIRED, WHETHER INDICATED ON STRUCTURAL DRAWINGS OR NOT.
  - CLIP ANGLE TO BE HIDDEN BELOW FIRST TREAD WHERE OPEN RISERS ARE USED

**10** TYPICAL SLAB-ON-GRADE @ STAIR  
S301 N.T.S



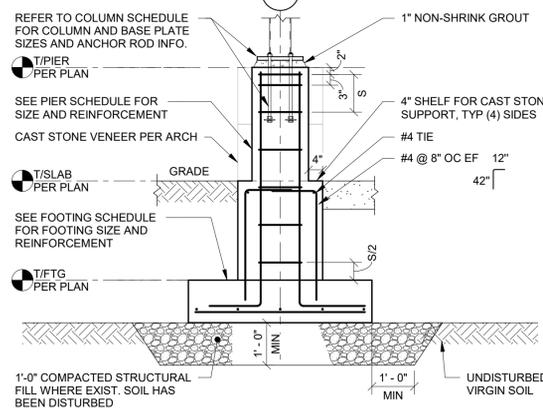
**9** TYPICAL TRENCH DRAIN DETAIL @ NEW SLAB  
S301 N.T.S

PAD THICKNESS	REINFORCING
GREATER THAN/EQUAL TO 8"	#5@12" OC EW
LESS THAN 8"	#4@12" OC EW

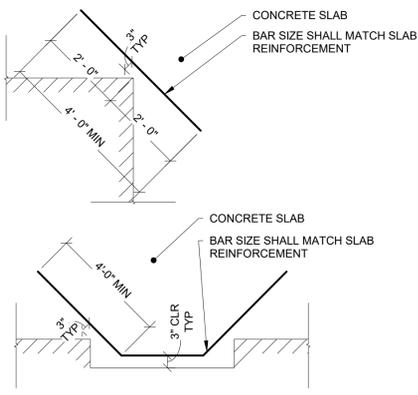


- NOTES:**
- CONTR TO REFER TO MEP DWGS AS WELL AS MANUFACTURER'S REQUIREMENTS FOR SIZE AND LOCATION OF PADS.

**8** TYPICAL HOUSEKEEPING PAD DETAIL  
S301 N.T.S

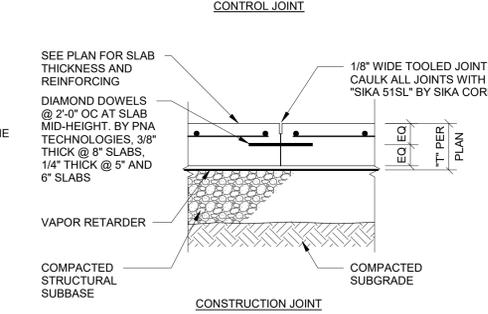
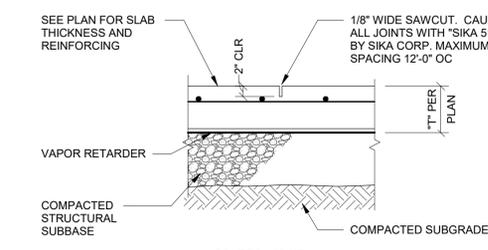
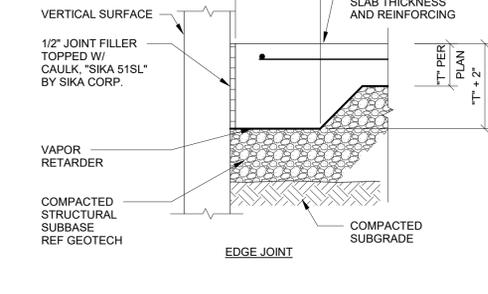


**7** TYPICAL EXTERIOR SPREAD FOOTING & PIER DETAIL  
S301 N.T.S

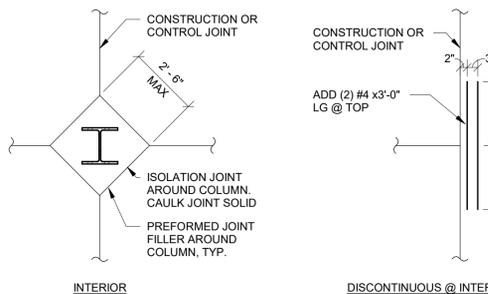


- NOTES:**
- DETAIL APPLIES AT ALL CONCRETE SLAB RE-ENTRANT CORNERS.

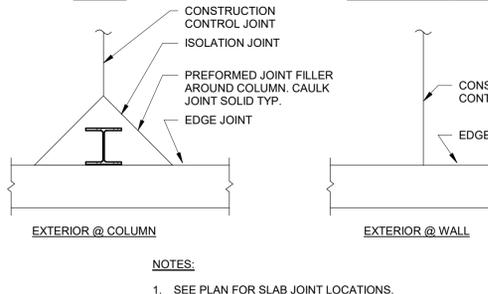
**6** TYPICAL RE-ENTRANT CORNER PLAN DETAILS  
S301 N.T.S



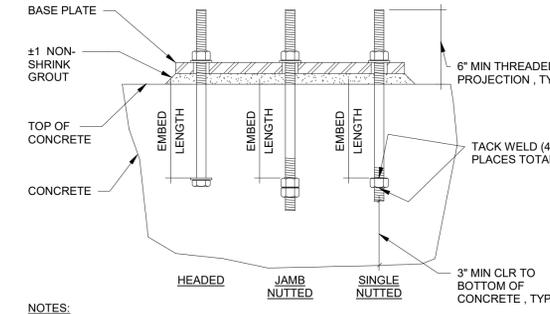
**5** TYPICAL SLAB-ON-GRADE JOINTS  
S301 N.T.S



**3** TYPICAL SLAB-ON-GRADE CONSTRUCTION  
S301 N.T.S

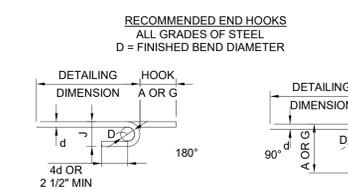


**4** TYPICAL SLAB-ON-GRADE JOINT DETAILS  
S301 N.T.S



- NOTES:**
- ANCHOR RODS TO BE ASTM F1554 GRADE 36.
  - NUTS FOR ANCHOR RODS SHALL BE STANDARD HEX NUTS TYPE ASTM A563-A.
  - WASHER FOR ANCHOR RODS SHALL BE ASTM F436. PROVIDE WASHER BETWEEN ALL NUTS AND BASE PL'S.
  - ALL ANCHOR ROD EMBEDDED ENDS SHALL BE ONE OF THE FOLLOWING
    - HEADED
    - JAMB NOTTED (DOUBLE NOTTED)
    - SINGLE NOTTED (TACK WELD IN (4) LOCATIONS TO SECURE NUT IN PLACE)
  - ALL HOLES IN BASE PLATES SHALL BE ANCHOR ROD DIAMETER + 3/16" MAXIMUM.
  - ANCHOR RODS, NUTS, AND WASHERS PERMANENTLY EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED.

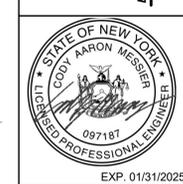
**2** TYPICAL ANCHOR ROD EMBEDMENT DETAIL  
S301 N.T.S



BAR SIZE	D, IN.	180° HOOKS, IN.		90° HOOKS N.	
		A OR G	J	A OR G	N
#3	2 1/4	5	3	6	6
#4	3	6	4	8	8
#5	3 3/4	7	5	10	10
#6	4 1/2	8	6	12	12
#7	5 1/4	10	7	14	14
#8	6	11	8	16	16
#9	9 1/2	15	11 3/4	19	19
#10	10 3/4	17	13 1/4	22	22
#11	12	19	15 3/4	24	24
#12	18 1/4	27	21 3/4	31	31

**1** TYPICAL REBAR END HOOK DETAIL  
S301 N.T.S

DATE: 06.19.2023  
DRAWN BY: ENK  
SCALE: As indicated  
REVIEWED BY: CAM  
PROJECT NO.: 21-2343  
FILE:



NO.	DATE	DESCRIPTION

PORT EWEN FIRE HOUSE  
PORT EWEN  
FIRE DEPARTMENT  
ULSTER, NEW YORK

CONCRETE DETAILS

SHEET: S301

WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 7209.2 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 7209.2.