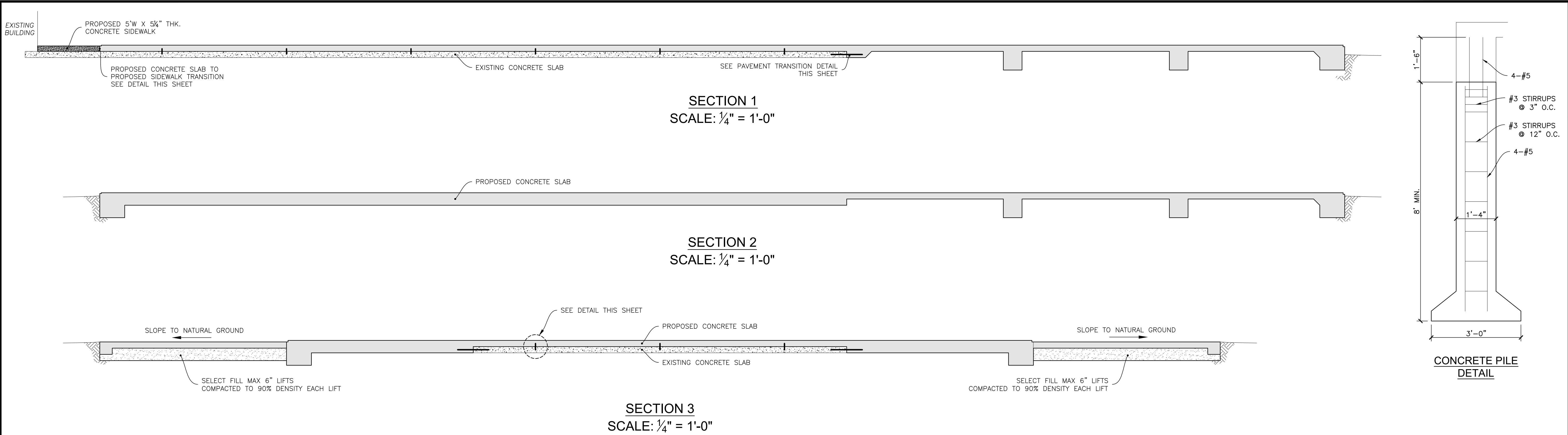


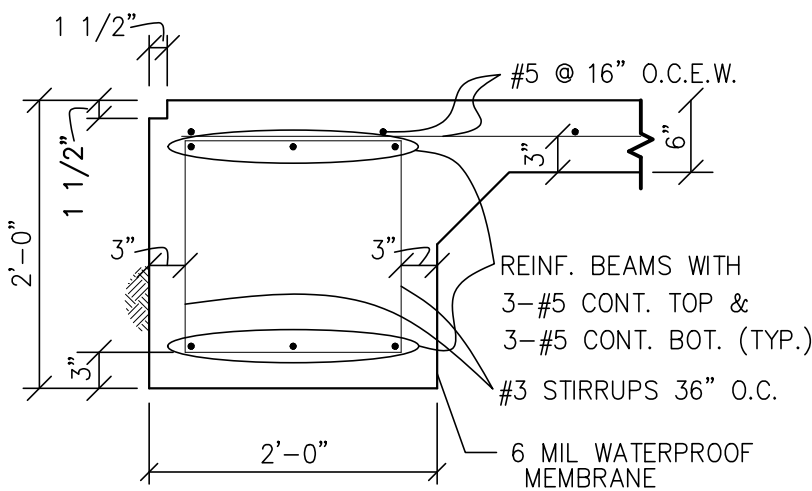


CONCRETE PILE
DETAIL

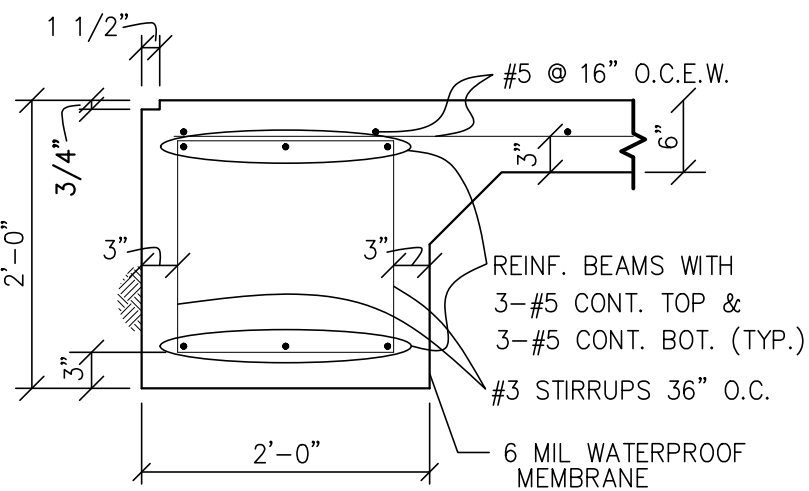
* ALL SLUMP RANGE + 1/2" -INCH TOLERANCE

- (1) INCLUDE IN MAXIMUM WATER, FREE WATER IN AGGREGATE MINUS ABSORPTION OF AGGREGATE BASED ON A 30-MINUTE ABSORPTION PERIOD.
- (2) FOR CONCRETE PLACED UNDER WATER, MINIMUM CEMENT PER CUBIC YARD SHALL BE 611 POUNDS (6.5 BAGS).
- (3) ASP AND KSP TO CONTAIN APPROVED HIGH RANGE WATER REDUCING (HRWR) ADMIXTURE.
- (4) MAXIMUM 2-INCH SLUMP BEFORE ADDITION OF HRWR ADMIXTURE.
- (5) FOR PRESTRESSED CONCRETE, WATER-REDUCING ADMIXTURE MAY BE USED AS NEEDED.
- (6) USE APPROVED WATER-REDUCING AND RETARDING ADMIXTURE.
- (7) MINIMUM FLEXURAL STRENGTH AT 7 DAYS.
- (8) SLUMP RANGE 1-INCH TO 3-INCH WHEN SLIP FORM METHOD OF CONSTRUCTION USED.

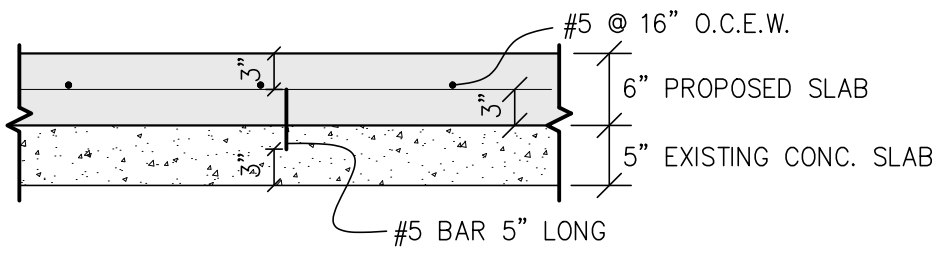
CLASS-TYPE	MIN. COMP. STRENGTH (PSI)		MAX. WATER CONTENT ⁽¹⁾		MIN. CEMENT PER C.Y. ⁽²⁾		SLUMP RANGE (IN.)	TOTAL AIR CONTENT (%)
	7-DAY	28-DAY	POUNDS OF WATER/LB. CEMENT	GALLONS OF WATER/BAG OF CEMENT				
					LBS.	BAGS		
A-STRUCTURAL	2000	3000	0.55	6.25	494	5.25	2 ½ TO 4 ½	2 ½ TO 4 ½
Asp-STRUCTURAL ⁽³⁾	2000	3000	0.50	5.65	423	4.50	7 TO 10 ⁽⁴⁾	3 TO 5
B-SLOPE PROTECTION	1200	2000	0.75	8.50	400	4.25	2 ½ TO 4	2 ½
C-PIPE BLOCKING	---	1500	0.97	11.00	282	3.00	3 TO 5	AS NEEDED
D-SEAL SLAB	---	---	---	---	376	4.00	6 TO 8	3 TO 6
E-MONOLITHIC SEWER	2000	3000	0.55	6.25	564	6.00	4 TO 6	AS NEEDED
F-PRESTRESSED ⁽⁵⁾	---	5000	0.51	5.75	635	6.75	2 TO 3	AS NEEDED
G-PRESTRESSED ⁽⁵⁾	---	6000	0.49	5.50	658	7.00	2 TO 3	2 ½ TO 4 ½
K-STRUCTURAL ⁽⁶⁾	2800	4000	0.50	5.65	564	6.00	3 ½ TO 5	2 ½ TO 4 ½
Ksp-STRUCTURAL	2800	4000	0.45	5.00	470	5.00	7 TO 10 ⁽⁶⁾	2 ½ TO 4 ½
P-PAVING 5-INCH ⁽⁸⁾	3000	4000	0.60	7.50	423	4.50	3 TO 5	2 ½ TO 4 ½
	450 ⁽⁷⁾							
P-PAVING 6-INCH ⁽⁸⁾	3000	4000	0.60	7.50	423	4.50	3 TO 5	2 ½ TO 4 ½
	450 ⁽⁷⁾							
P-PAVING 7-INCH ⁽⁸⁾	3000	4000	0.60	7.50	470	5.00	3 TO 5	2 ½ TO 4 ½
	500 ⁽⁷⁾							
P-PAVING 8-INCH ⁽⁸⁾	3000	4000	0.60	7.50	470	5.00	3 TO 5	2 ½ TO 4 ½
	550 ⁽⁷⁾							



TYPICAL PERIMETER
GRADE BEAM



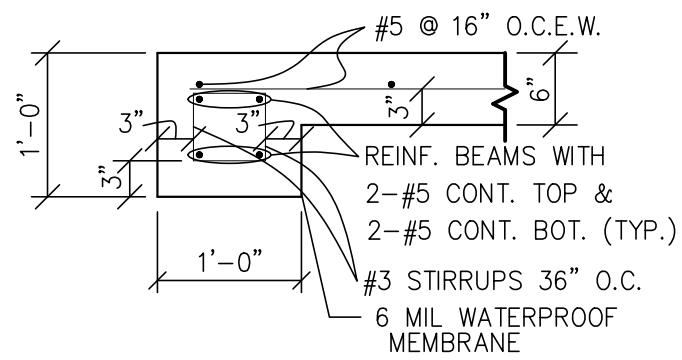
PERIMETER GRADE BEAM
AT PROPOSED SIDEWALK



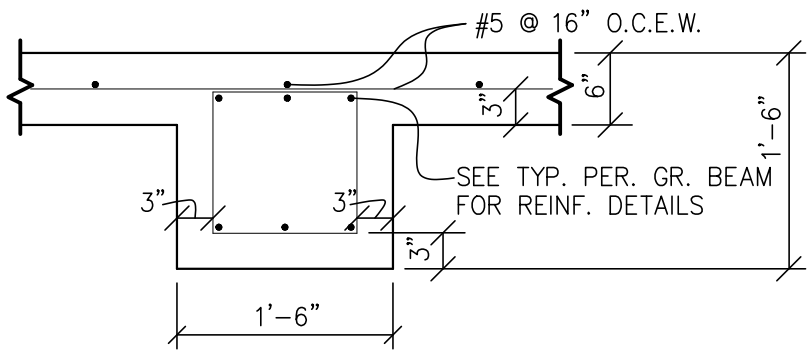
PROPOSED CONCRETE TO
EXISTING CONCRETE SUPPORT BARS



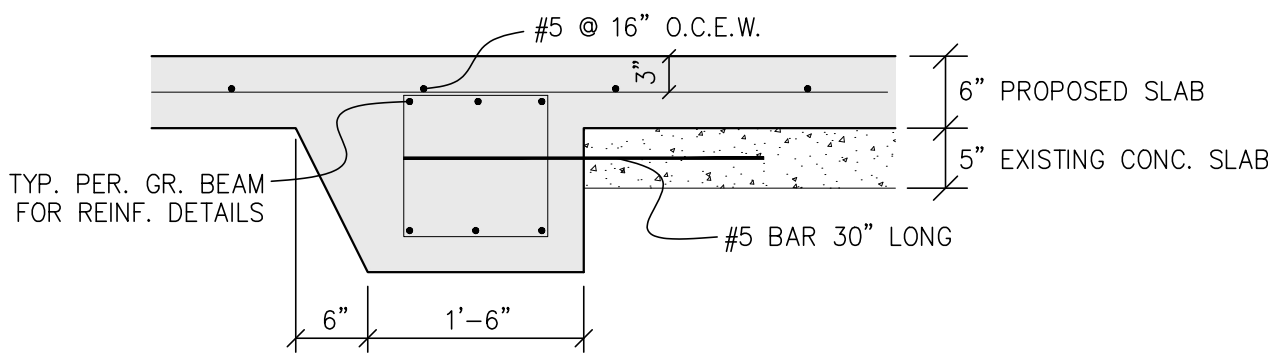
PROPOSED CONCRETE SLAB TO
PROPOSED CONCRETE SIDEWALK
TRANSITION



TYPICAL APRON
GRADE BEAM



TYPICAL INTERIOR
GRADE BEAM



PROPOSED CONCRETE TO
EXISTING CONC SLAB TRANSITION

7		
6		
5		
4		
3		
2		
1		
NO.	DESCRIPTION	DATE



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