

NOT TO SCALE

NOTES

1. SPAN "S" AND HEIGHT OF OPENING AND CURB FACE HEIGHT AT CULVERT SHALL BE NOTED ON PLANS.
2. CONCRETE SHALL BE CLASS 560-C-3250.
3. FACE ANGLE SHALL BE ANCHORED BY FULL PENETRATION WITH A 3-5/8" x 6-3/8" STEEL STUD OR BUTT WELD.
4. UNLESS OTHERWISE SPECIFIED, STANDARD FRAME AND COVER SHALL BE ALHAMBRA FOUNDRY GALVANIZED PIPE OR APPROVED EQUAL.
5. 1 INCH STEEL CLEARANCE MINIMUM FROM FACE OF CONCRETE.
6. TOP OF INLET STRUCTURE TO MATCH ADJACENT SLOPE.
7. SIDEWALK LONGITUDINAL SLOPE SHALL NOT EXCEED 5% AND GROSS SLOPE SHALL NOT EXCEED 2% PER ADA REQUIREMENTS.

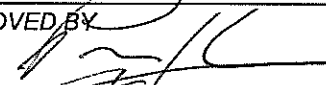
*TOP OF CURB TRANSITION IS REQUIRED FOR 6" CURBS OR 8" CURBS WITH S > 4.0'.



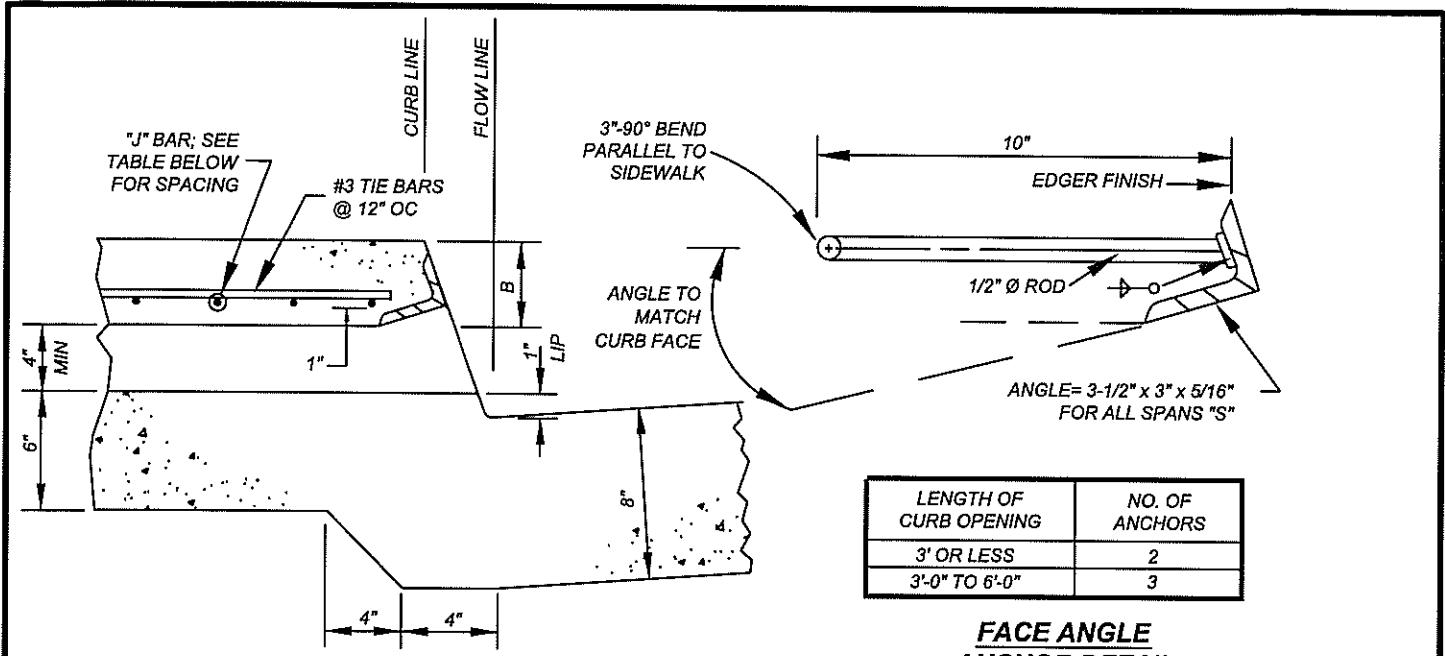
DATE REVISED	
05-22-2019	

**CITY OF MANHATTAN BEACH
DEPARTMENT OF PUBLIC WORKS**

PARKWAY CULVERT

APPROVED BY  5/28/19
PREM KUMAR, CITY ENGINEER DATE

STANDARD PLAN NUMBER
MBSI-150A-0
SHEET 1 OF 2



LENGTH OF CURB OPENING	NO. OF ANCHORS
3' OR LESS	2
3'-0" TO 6'-0"	3

FACE ANGLE ANCHOR DETAIL

OUTLET DETAIL

SPAN "S"	B	STEEL SCHEDULE J-BARS		
		SIZE	SPACING C-C	LENGTH
2'-0"	3"	#3	7"	2'-9"
2'-6"	3"	#3	7"	3'-3"
3'-0"	3"	#3	7"	3'-9"
3'-6"	3"	#3	6"	4'-3"
4'-0"	3"	#3	5"	4'-9"
4'-6"	4"	#3	6-1/2"	5'-3"
5'-0"	4"	#3	5"	5'-9"
5'-6"	4"	#3	4"	6'-3"
6'-0"	4"	#3	3-1/2"	6'-9"

STEEL SCHEDULE TABLE

NOT TO SCALE

NOTES (CON'T)


- 8. FLOOR OF PARKWAY CULVERT SHALL HAVE A SMOOTH TROWELED FINISH.
- 9. ALL EXPOSED METAL SHALL BE GALVANIZED AFTER FABRICATION.
- 10. HEIGHT OF CURB OPENING FOR PARKWAY CULVERT WILL VARY WITH TYPE OF CURB.
- 11. SPAN "S" AND HEIGHT OF CURB OPENING WILL BE DETERMINED FROM THE REQUIRED HYDRAULIC CAPACITY AND LIMITED TO THE DIMENSION IN STEEL SCHEDULE TABLE.
- 12. REINFORCING STEEL SHALL BE 1" CLEAR TO INSIDE OF CULVERT UNLESS OTHERWISE SPECIFIED.
- 13. CONSTRUCT PCC WALK AS SPECIFIED ON PLAN. THE CONTRACT PRICE PAID FOR PCC SIDEWALK ITEM SHALL INCLUDE WALK CONSTRUCTED IN CONJUNCTION WITH PARKWAY CULVERT.
- 14. TYPE, DIMENSIONS, AND ELEVATIONS PER IMPROVEMENT PLAN.



DATE REVISED	
05-22-2019	

CITY OF MANHATTAN BEACH
DEPARTMENT OF PUBLIC WORKS

PARKWAY CULVERT DETAILS AND NOTES

APPROVED BY  PREM KUMAR, CITY ENGINEER	STANDARD PLAN NUMBER MBSI-150A-0 SHEET 2 OF 2
DATE 5/28/19	