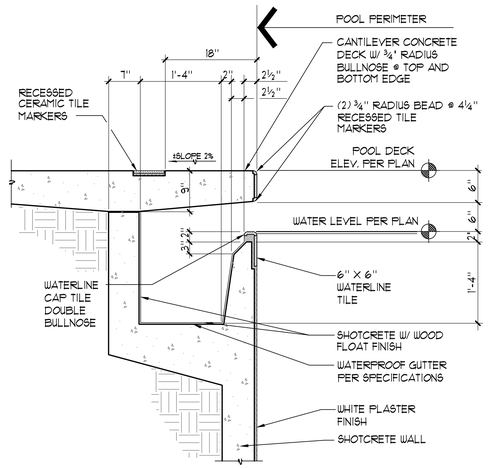
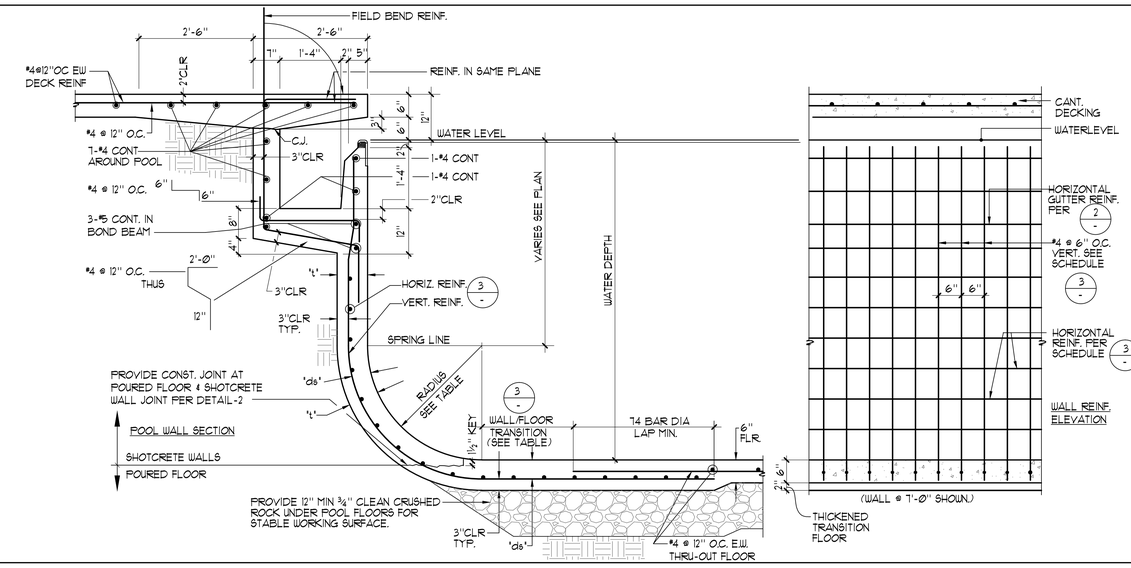


1 **TYPICAL GUTTER DETAIL** 1"=1'-Ø"



2 **POOL WALL 7'-0"** ¾"=1'-Ø"

REINFORCEMENT TABLE					
WATER DEPTH	't'	'ds'	RADIUS	VERTICAL REINF.	HORIZONTAL REINF.	TRANSITION TO FLOOR REINF. BEYOND END RADIUS
7'-Ø"	8"	5"	2'-6"	#4 @ 6" O.C.	#4 @ 8" O.C.	24"

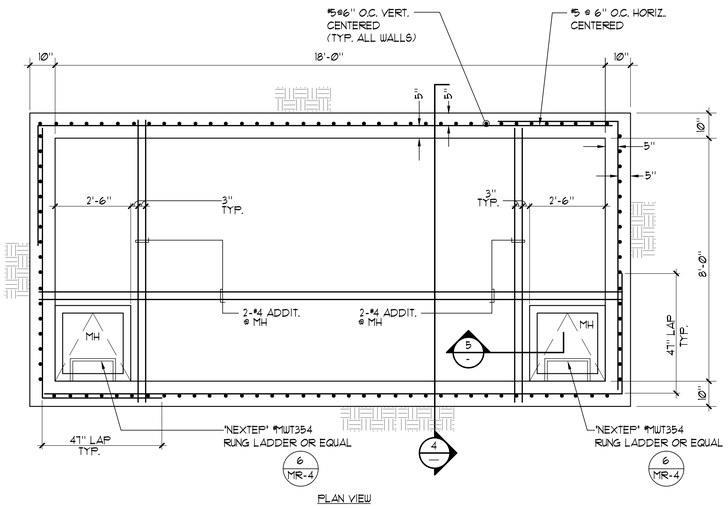
CONCRETE NOTES:

1. THE MINIMUM ULTIMATE COMPRESSIVE STRENGTH AT 28 DAYS
   POOL = 3000 PSI
   SLAB-ON-GRADE = 3000 PSI
   MAX. WATER TO CEMENT RATIO = Ø.55
2. CONTINUOUS INSPECTION BY A D.S.A. APPROVED INSPECTOR IS REQUIRED OF ALL CONCRETE PLACEMENT.
3. ALL CEMENT USED SHALL CONFORM TO A.S.T.M. C-15Ø.
4. FINE AND COARSE AGGREGATE SHALL CONFORM TO A.S.T.M. C-33, MAXIMUM SIZE OF AGGREGATE TO BE 1".
5. CONCRETE MIX DESIGNS SHALL BE BASED UPON CBC SECTION 1905A3.
6. CONCRETE SHALL BE TESTED AND INSPECTED PER SECTION 1905A6
7. REMOVAL OF FORMS SHALL COMPLY WITH CBC SECTION 1906A2
8. ALL REINFORCING SHALL BE ASTM A-615, GRADE 6Ø, UNLESS OTHERWISE NOTED TO BE GRADE 40, MIN. LAPS SHALL BE 74 BAR DIA.

SHOTCRETE NOTES:

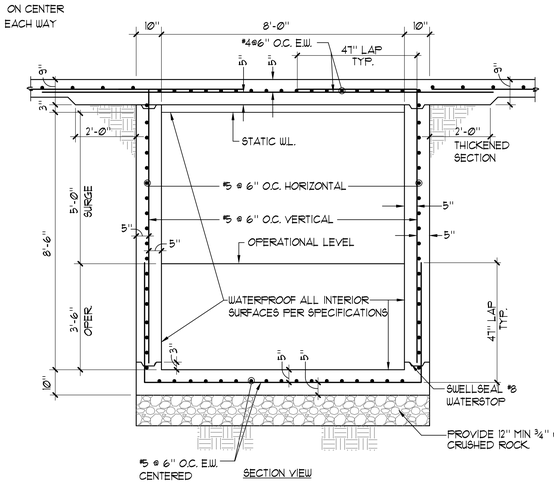
1. THE MINIMUM ULTIMATE COMPRESSIVE STRENGTH AT 28 DAYS
   POOL WALLS = 3000 PSI
2. CONTINUOUS INSPECTION BY A D.S.A. APPROVED INSPECTOR IS REQUIRED OF ALL SHOTCRETE PLACEMENT.
3. ALL CEMENT USED SHALL CONFORM TO A.S.T.M. C-15Ø.
4. FINE AND COARSE AGGREGATE SHALL CONFORM TO A.S.T.M. C-33, MAXIMUM SIZE OF AGGREGATE TO BE ½"x #4, (RFI #39)
5. SHOTCRETE MIX DESIGNS SHALL BE BASED UPON CBC SECTION 1913A.2
6. SHOTCRETE SHALL BE TESTED AND INSPECTED PER CBC SECTION 1913A.5 AND 1913A.1Ø
7. REBAR SHALL BE SECURELY TIED IN PLACE PRIOR TO PLACING OF SHOTCRETE.
8. ALL REINFORCEMENT WITHIN SHOTCRETE SHALL MAINTAIN MINIMUM 2" CLEAR NON-CONTACT SPLICES PER CBC SECTION 1913A.4
9. THE FILM OF LAITANCE WHICH FORMS ON THE SURFACE OF THE SHOTCRETE SHALL BE REMOVED WITHIN APPROXIMATELY TWO HOURS, AFTER APPLICATION BY BRUSHING WITH A STIFF BROOM. IF THIS IS NOT REMOVED WITHIN TWO HOURS, IT SHALL BE REMOVED BY THOROUGH WIRE BRUSHING OR SAND BLASTING. CONSTRUCTION JOINTS OVER EIGHT HOURS OLD SHALL BE THOROUGHLY CLEANED WITH AIR AND WATER PRIOR TO RECEIVING SHOTCRETE.
10. ALL REINFORCING SHALL BE ASTM A-615, GRADE 6Ø, UNLESS OTHERWISE NOTED TO BE GRADE 40, MIN. LAPS SHALL BE 74 BAR DIA.

3 **REINFORCEMENT TABLE**

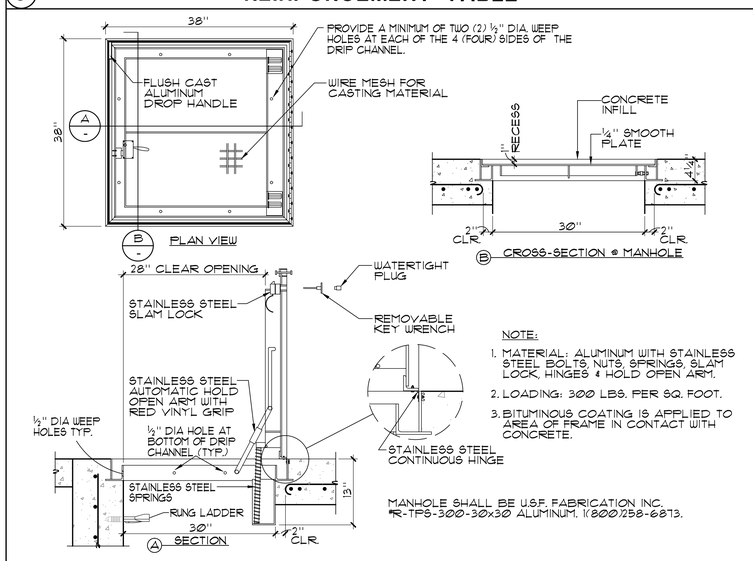


LEGEND

O.C. = ON CENTER
E.W. = EACH WAY



4 **SURGE CHAMBER** ½"=1'-Ø"

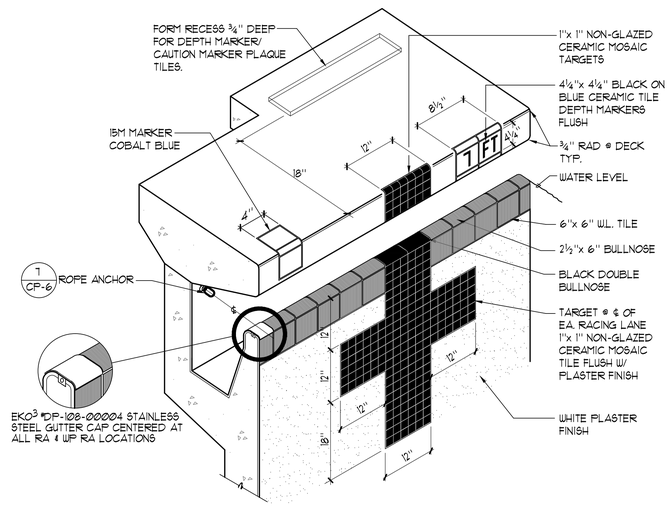


NOTE:

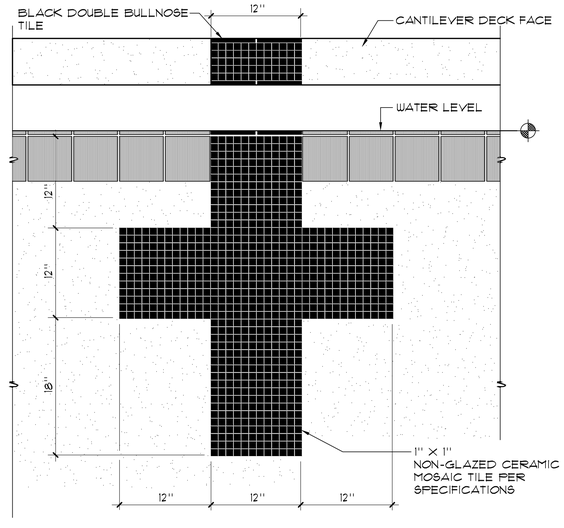
1. MATERIAL: ALUMINUM WITH STAINLESS STEEL BOLTS, NUTS, SPRINGS, SLAM LOCK, HINGES & HOLD OPEN ARM.
2. LOADING: 300 LBS. PER SQ. FOOT.
3. BITUMINOUS COATING IS APPLIED TO AREA OF FRAME IN CONTACT WITH CONCRETE.

MANHOLE SHALL BE U.S.F. FABRICATION INC. #R-TP8-300-30x30 ALUMINUM. 1(800)258-6873.

5 **SURGE CHAMBER MANHOLE** 1" = 1'-Ø"



6 **DEEP GUTTER PERSPECTIVE** NO SCALE



7 **END WALL TARGETS** 1½" = 1'-Ø"

AQUATIC DESIGN GROUP
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LICENSED ARCHITECT STEVEN C. KENDRICK No. C14099 REN 03-30-07 STATE OF CALIFORNIA

LICENSED ARCHITECT SCOTT J. FERRELL C-26222 REN. 12/31/09 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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College of San Mateo
Site Package
San Mateo, CA

Developed for
San Mateo County Community College District

Revision Description	Date
DSA SUBMITTAL	19 SEPT 2008
DSA FINAL	09 APRIL 2009
PROJECT RECORD DRAWING	JUNE 2011

Job. No.	27082.30
Date	09 APRIL 2009
Drawn by	NFC
Checked by	SJF
Scale	AS NOTED

DETAILS

CP-5