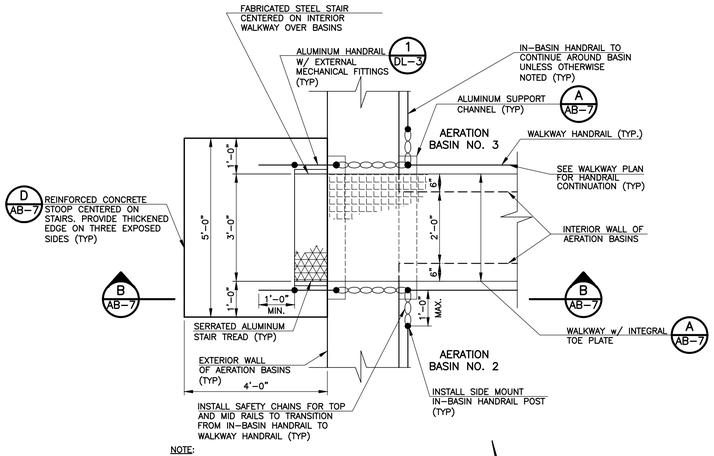
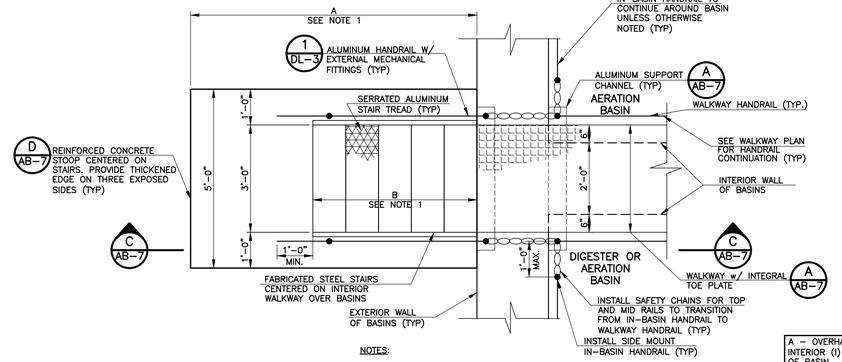


NOTE:

1. IN-BASIN PIPING AND EQUIPMENT NOT SHOWN FOR CLARITY

1 AB-7 STAIR PLAN
SCALE: 1/2" = 1' - 0"

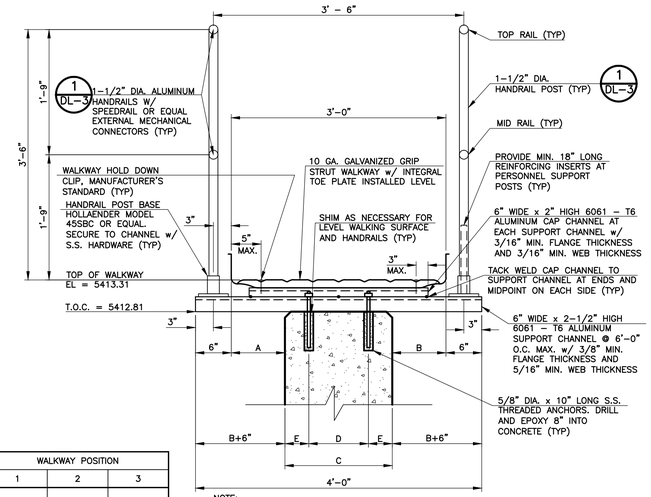


NOTES:

1. STAIR PLAN SHOWN ABOVE APPLIES TO TWO STAIR LOCATIONS. THE FIRST LOCATION IS AT THE INTERIOR WALL BETWEEN AERATION BASIN NOS. 1 AND 2, THE SECOND IS AT THE INTERIOR WALL BETWEEN AERATION BASIN NO. 1 AND AEROBIC DIGESTER NO. 1. REFER TO THE AERATION BASINS AND AEROBIC DIGESTER BASINS WALKWAY PLAN AND TABLE AT THE LEFT FOR CONSTRUCTION DETAILS AT THESE TWO LOCATIONS.
2. IN-BASIN PIPING AND EQUIPMENT NOT SHOWN FOR CLARITY

	WALL BETWEEN AERATION BASIN NOS. 1 AND 2	WALL BETWEEN AERATION BASIN NO. 1 AND AEROBIC DIGESTER NO. 1
A – LENGTH OF STOOP	7'–0"	8'–0"
B – NO. OF STAIR TREADS	3	4

2 AB-7 STAIR PLAN
SCALE: 1/2" = 1' - 0"

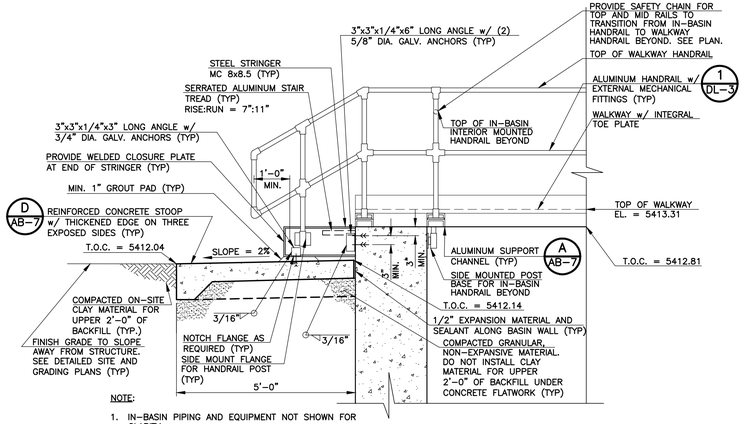


	WALKWAY POSITION		
	1	2	3
A – OVERHANG DISTANCE TO INTERIOR (I) OR EXTERIOR (E) OF BASIN	6" (I)	9" (I)	3" (I)
B – OVERHANG DISTANCE TO INTERIOR (I) OR EXTERIOR (E) OF BASIN	6" (I)	9" (I) (E)	9" (E)
C – BASIN WALL THICKNESS	2'–0"	1'–6"	2'–0"
D – DISTANCE BETWEEN ANCHORS	1'–2"	9"	1'–2"
E – ANCHOR BOLT EDGE DISTANCE	5"	4–1/2"	5"

NOTE:

1. ALL HARDWARE, FASTENERS, SHIMS, ETC. SHALL BE STAINLESS STEEL UNLESS OTHERWISE NOTED.
2. THE DETAILS AND DIMENSIONS SHOWN ABOVE FOR THE WALKWAY, HANDRAIL AND SUPPORT CHANNELS ASSEMBLY ARE CONSISTENT THROUGHOUT THE BASINS. HOWEVER, THEIR DIMENSIONAL RELATIONSHIPS TO THE BASIN WALL VARY WITH WALL THICKNESS AND ASSEMBLY POSITION. REFER TO THE AERATION BASINS AND AEROBIC DIGESTER BASINS WALKWAY PLAN AND TABLE AT LEFT FOR THE APPROPRIATE ASSEMBLY PLACEMENT AND CONSTRUCTION DIMENSIONS AT VARIOUS WALL LOCATIONS AROUND THE BASINS.

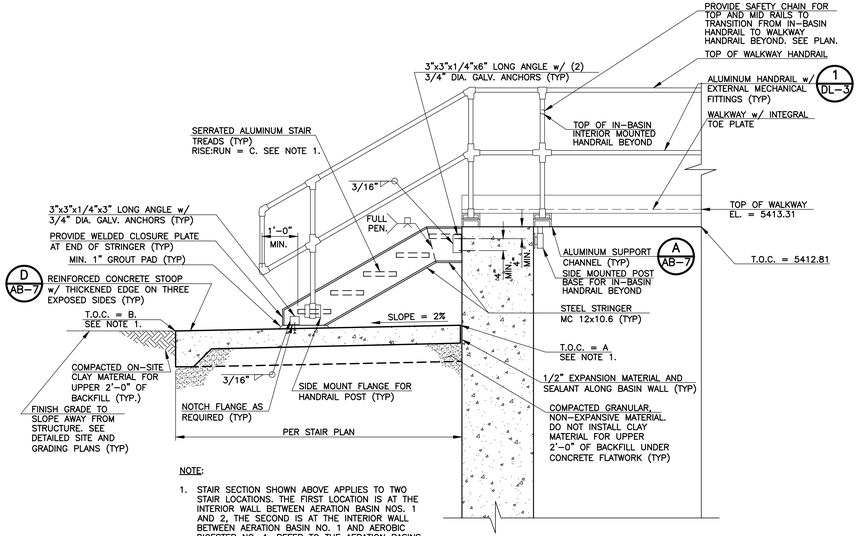
A AB-7 TYPICAL DIGESTER AND AERATION BASIN WALKWAY SECTION
SCALE: 1" = 1'–0"



NOTE:

1. IN-BASIN PIPING AND EQUIPMENT NOT SHOWN FOR CLARITY

B AB-7 STAIR SECTION
SCALE: 1/2" = 1' - 0"

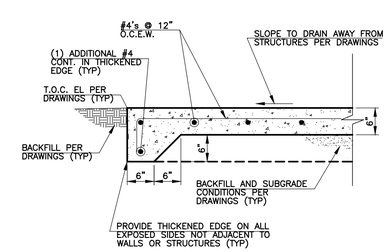


NOTE:

1. STAIR SECTION SHOWN ABOVE APPLIES TO TWO STAIR LOCATIONS. THE FIRST LOCATION IS AT THE INTERIOR WALL BETWEEN AERATION BASIN NOS. 1 AND 2, THE SECOND IS AT THE INTERIOR WALL BETWEEN AERATION BASIN NO. 1 AND AEROBIC DIGESTER NO. 1. REFER TO THE AERATION BASINS AND AEROBIC DIGESTER BASIN WALKWAY PLAN AND TABLE AT THE RIGHT FOR CONSTRUCTION DETAILS AT THESE TWO LOCATIONS.
2. IN-BASIN PIPING AND EQUIPMENT NOT SHOWN FOR CLARITY

	WALL BETWEEN AERATION BASIN NOS. 1 AND 2	WALL BETWEEN AERATION BASIN NO. 1 AND AEROBIC DIGESTER NO. 1
A – T.O.C. AT BASIN WALL	5411.12	5410.47
B – T.O.C. AT END OF STOOP	5410.98	5410.31
C – STAIR RISE:RUN	6–3/4":11"	7":11"

C AB-7 STAIR SECTION
SCALE: 1/2" = 1' - 0"



D AB-7 TYPICAL STOOP SECTION
SCALE: NONE

SHEET NOTES:

1. ALL STEEL MATERIALS OF STAIRS AND LANDINGS LOCATED OUTSIDE THE BASINS SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION. ALTERNATIVELY, STEEL MATERIALS MAY BE SHOP PRIMED WITH RUST INHIBITIVE PRIMER (TNEMEC CHEM-PRIME 37H OR EQUAL) AND FIELD PAINTED WITH TNEMEC TNEME-GLOSS 2H OR EQUAL. OWNER TO SELECT FINAL COLOR FROM MANUFACTURER'S STANDARD COLOR CHART.

XREF FILENAME: G:\
BASE DWG: G:\
PLOT STYLE FILE: 1050C.CTB
FILENAME: G:\LFMSD01\20166\362\AB7\AB7.DWG

REVISIONS		
NO. 1	DATE	DESCRIPTION
1	12/21/2010	ISSUED FOR FOUNDATION PERMIT SUBMITTAL TO PPRBD (A-BASINS AND DIGESTERS)
2	01/07/2011	ISSUED FOR CONSTRUCTION PER PPRBD PERMIT #58954 (FDN ONLY)

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WALKWAY DETAILS AND SECTIONS
HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY
LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT

DRAWN	MAL
DESIGNED	MAM
CHECKED	RJS
DATE	2010
PROJECT NO.	20166.362
GMS FILE NO.	2599

GMS, INC.
CONSULTING ENGINEERS
611 N. WEBER, SUITE 300
COLORADO SPRINGS, COLORADO 80903

SHEET AB-7 OF —

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