



Weaver

CONSTRUCTION MANAGEMENT

3679 S Huron Street, Suite 404 Englewood, Colorado 80110

Phone: (303) 789-4111 FAX: (303) 789-4310

SUBMITTAL TRANSMITTAL

March 28, 2012

Submittal No: 05500-011

PROJECT: **Harold Thompson Regional WRF**
Birdsall Rd.
Fountain, CO 80817
Job No. 2908

ENGINEER: **GMS, Inc.**
611 No. Weber St., #300
Colorado Springs, CO 80903
719-475-2935 Roger Sams

OWNER: **Lower Fountain Metropolitan
Sewage Disposal District**
901 S. Santa Fe Ave.
Fountain, CO 80817
719-382-5303 James Heckman

CONTRACTOR: **CSM Industrial Contractors**
614 Cliff Street
Westcliffe, CO 81252
719-783-2867

SUBJECT: Secondary Clarifier Splitter Structure & Lapeyre Stair

SPEC SECTION: 05500 - Misc Metals

PREVIOUS SUBMISSION DATES:

DEVIATIONS FROM SPEC: ___ YES X NO

CONTRACTOR'S STAMP: This submittal has been reviewed by Weaver Construction Management and, unless indicated otherwise, has been found to be in conformance with the intent of the contract documents.

Contractor's Stamp:

Date: 3/28/12

Reviewed by: Tyler Ammerman

() Reviewed Without Comments

(X) Reviewed With Comments

Engineer's Stamp:

ENGINEER'S
COMMENTS:



Project: HDTWRF Project

Location: Fountain, CO

Supplier: CSM

Date: 3/28/12

Submittal for: 5500-011 – Clarifier Splitter misc. metals

Submittal Review Comments:

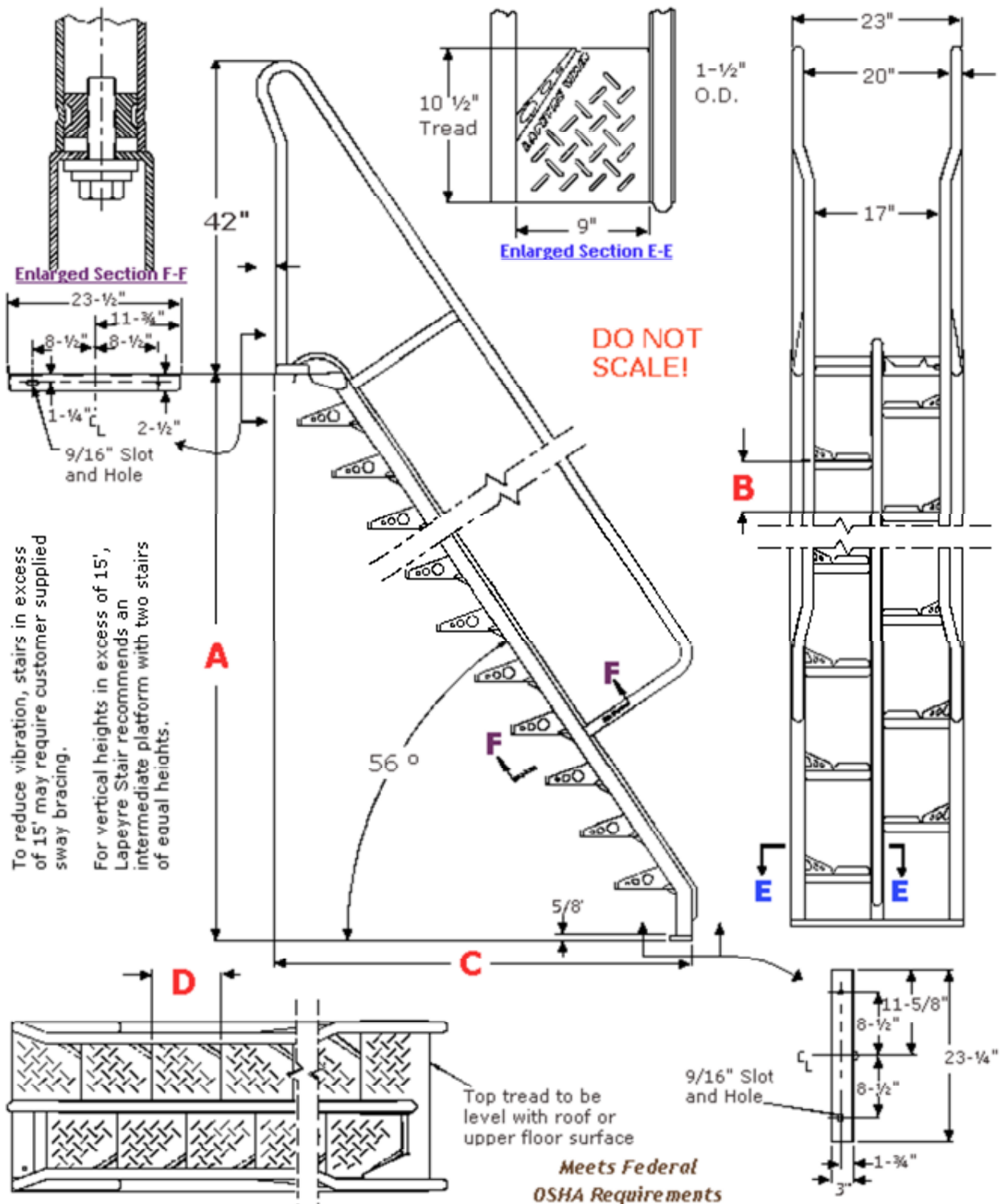
- 1. Embed angle will have coal tar coating on concrete contact surfaces.**
- 2. Landing elevation will be lowered 1" to allow for 36" Lapeyre stairs in desired material.**

A Height	36.000 inches
B Riser Height	7.200 inches
C Horizontal Run	28.925 inches
D Projected Tread	9.713 inches
Number of Risers	5

Lapeyre Stair, Inc. 1-800-535-7631

Lapeyre Stair manufactures products under one or more U.S. and Foreign patents.

Unit Price (US Dollars): \$961.69



Description: 36 Inch 56 Degree Carbon Steel Stair, Galvanized with Standard Narrow Handrail



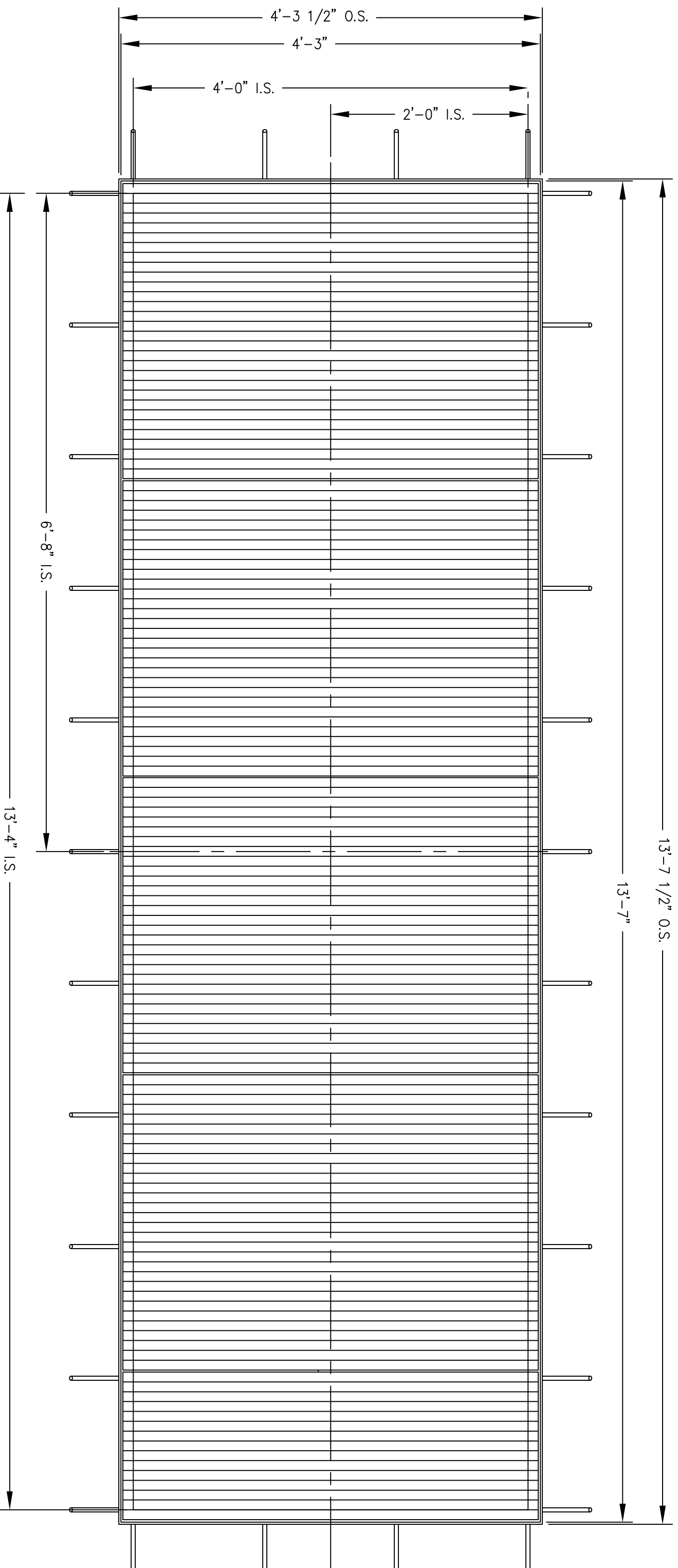
Harold D. Thompson Regional Reclamation Facility

SECONDARY CLARIFIER SPLITTER STRUCTURE & LAPEYRE STAIR

SHOP DRAWINGS:

Dated 02/2012, LAPEYRE 02/13/2012


SHEET 1 –	Details – I-Bar Grating Layout
SHEET 2 –	Details – Embed Frame Assembly
View	
SHEET 3 –	Details – I-Bar grating Details
SHEET 4 –	Details – Embed Angle Details



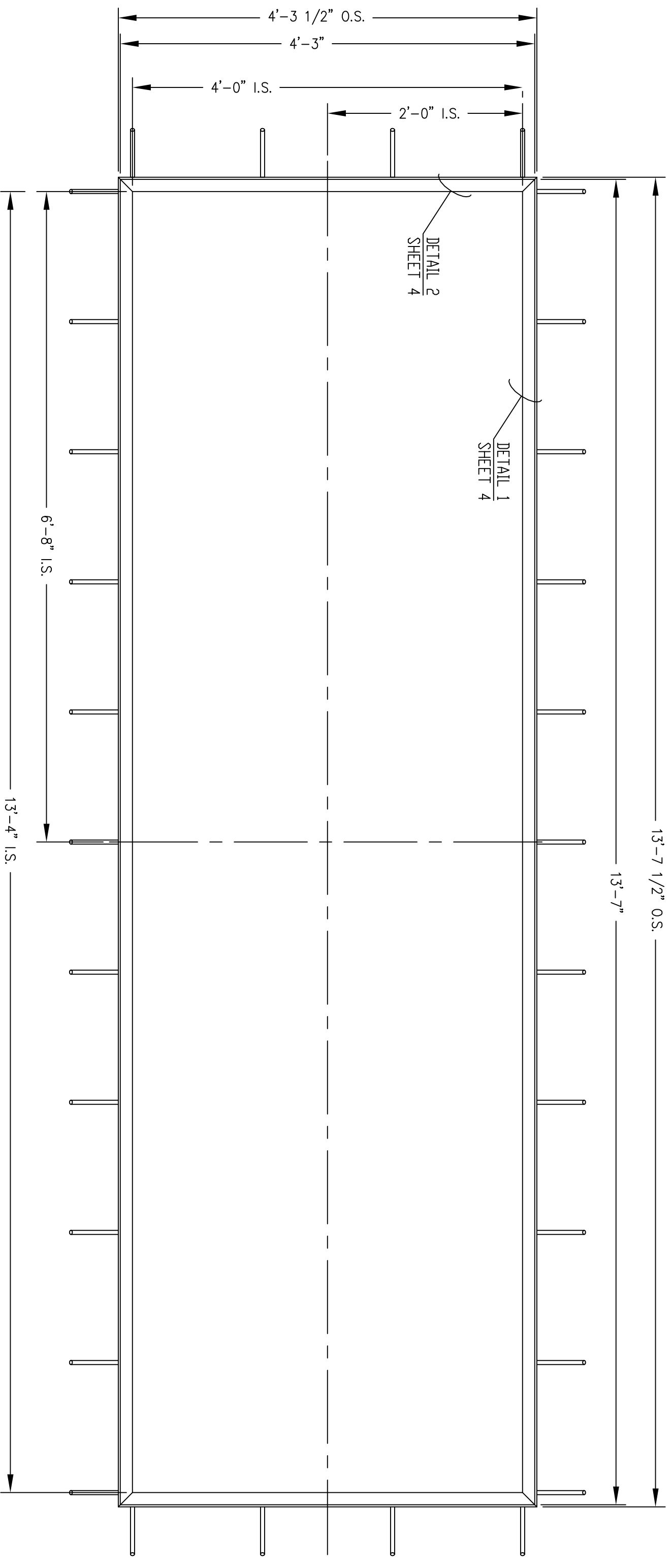
- GENERAL NOTES:**
1. MATERIAL = 1-1/2" ALUMINUM I-BAR GRATING, WITH 1-1/2" X 3/16" BANDING ON EXPOSED ENDS.
 2. SEE SHEET 2 FOR EMBED ANGLE FRAME ASSEMBLY
 3. SEE SHEET 3 FOR I-BAR GRATING DETAILS
 4. SEE SHEET 4 FOR EMBED ANGLE DETAILS

SECONDARY CLARIFIER SPLITTER
STRUCTURE I-BAR GRATING & EMBED
GENERAL ARRANGEMENT
PLAN VIEW

REVISION	DESCRIPTION
REVISION 2	
REVISION 1	

		PROJECT	DATE
		FOUNTAIN CO METRO SEWER DIST	2/2012
AREA	DRWN BY		
SEC. CLARIFIER SPLITTER STRUCT.	M. MURPHY		
DETAIL	DWG.		
I-BAR GRATING LAYOUT			
REF. DWG.	SCALE	SHEET	
G-26 & G-27	1" = 1'-0"	1	

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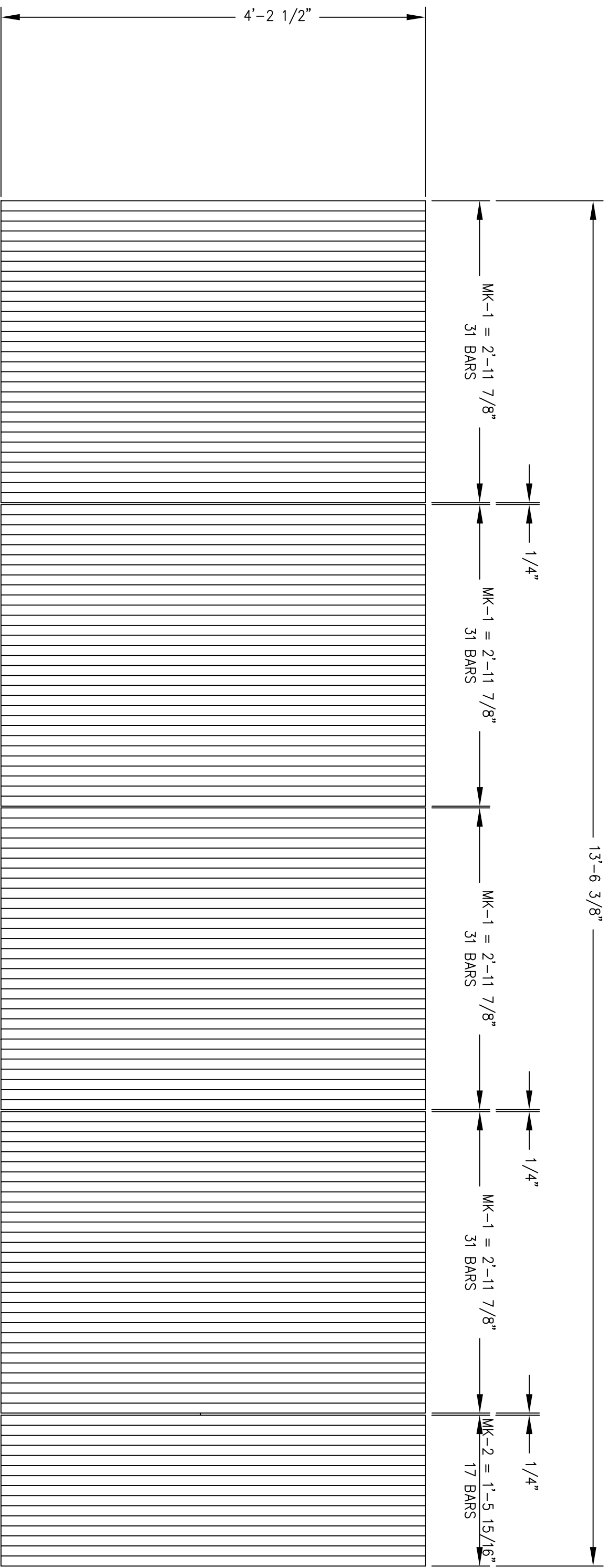


SECONDARY CLARIFIER SPLITTER
 STRUCTURE I-BAR GRATING EMBED
 ASSEMBLY GENERAL ARRANGEMENT
 PLAN VIEW

REVISION	DATE	DESCRIPTION
REVISION 2		
REVISION 1		




PROJECT	FOUNTAIN CO METRO SEWER DIST	DATE	2/2012
AREA	SEC. CLARIFIER SPLITTER STRUCT.	DRWN BY	M. MURPHY
DETAIL	EMBED FRAME ASSEMBLY VIEW	DWG.	
REF. DWG.	G-26 & G-27	SCALE	1" = 1'-0"
		SHEET	2

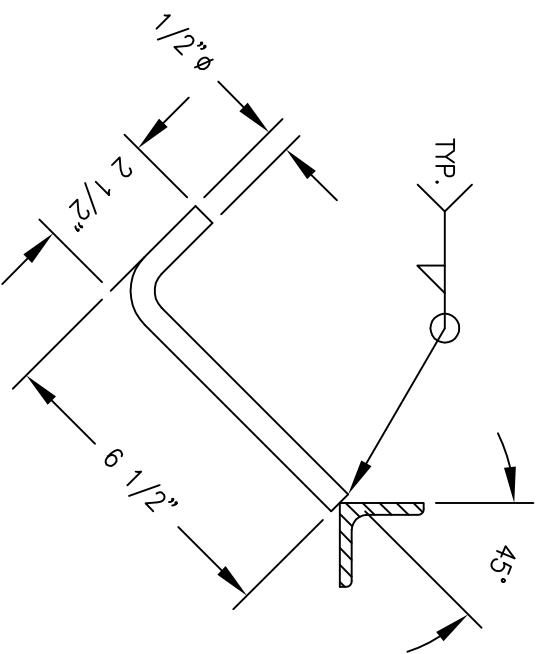
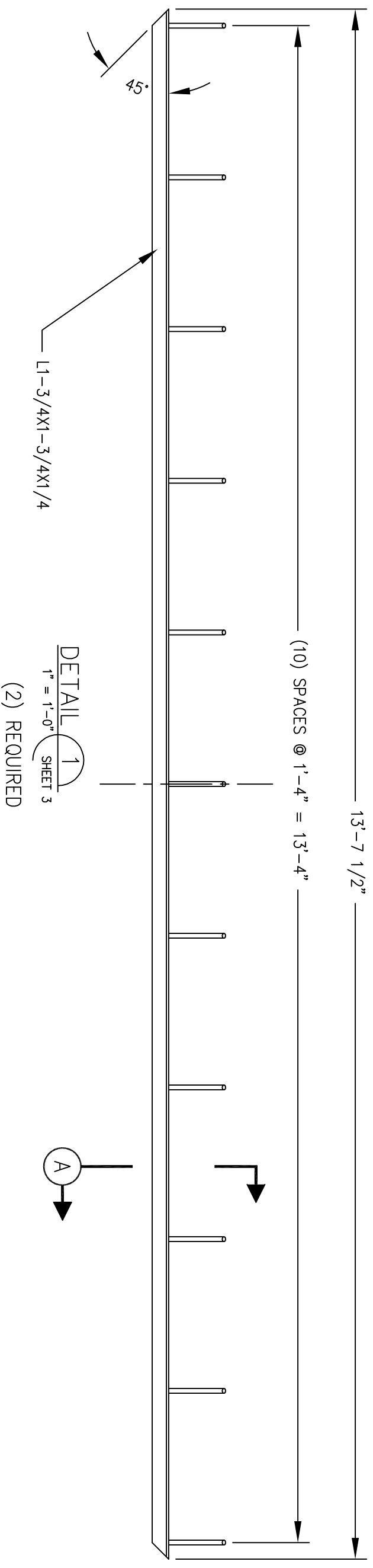


SECONDARY CLARIFIER SPLITTER STRUCTURE
 I-BAR GRATING DETAILS
 MATERIAL = 1-1/2" ALUMINUM I-BAR GRATING
 WITH 1-1/2" X 3/16" BANDING
 MK-1 = (4) REQUIRED
 MK-2 = (1) REQUIRED

BAND EXPOSED EDGES WITH
 1-1/2" X 3/16" ALUMINUM FLAT BAR.
 TYP. THIS END AND FAR END.

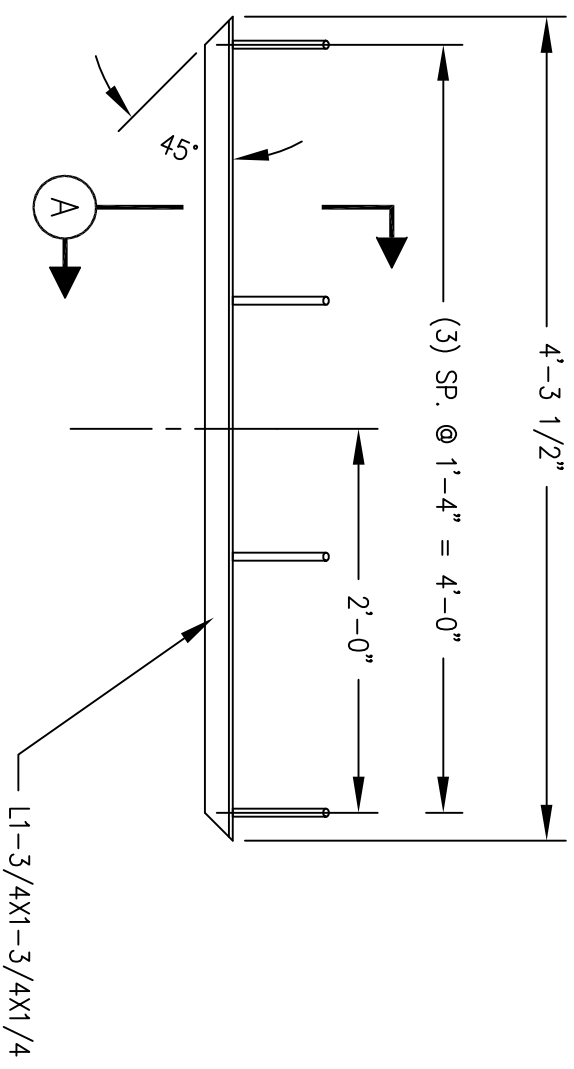
REVISION 2	REVISION 1

		PROJECT	DATE
		FOUNTAIN CO METRO SEWER DIST	2/2012
AREA		DRWN BY	
SEC. CLARIFIER SPLITTER STRUCT.		M. MURPHY	
DETAIL		DWG.	
I-BAR GRATING DETAILS			
REF. DWG.	SCALE	SHEET	
G-26 & G-27	1" = 1'-0"	3	
(719)-783-2867			



SECTION A
3" = 1'-0" THIS SHEET


SECONDARY CLARIFIER SPLITTER
STRUCTURE I-BAR GRATING EMBED
ASSEMBLY GENERAL ARRANGEMENT
PLAN VIEW



DETAIL 2
1" = 1'-0" SHEET 3
(2) REQUIRED

- GENERAL NOTES:
1. MATERIAL = L1-3/4X1-3/4 ALUMINUM ANGLE AND 1/2" ϕ ALUMINUM ROUND BAR.

REVISION	DATE	BY
REVISION 2		
REVISION 1		

		PROJECT	DATE
		FOUNTAIN CO METRO SEWER DIST	2/2012
AREA SEC. CLARIFIER SPLITTER STRUCT.		DRWN BY	
DETAIL EMBED ANGLE DETAILS		DWG.	
REF. DWG.	SCALE	SHEET	
G-26 & G-27	1" = 1'-0"	4	

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