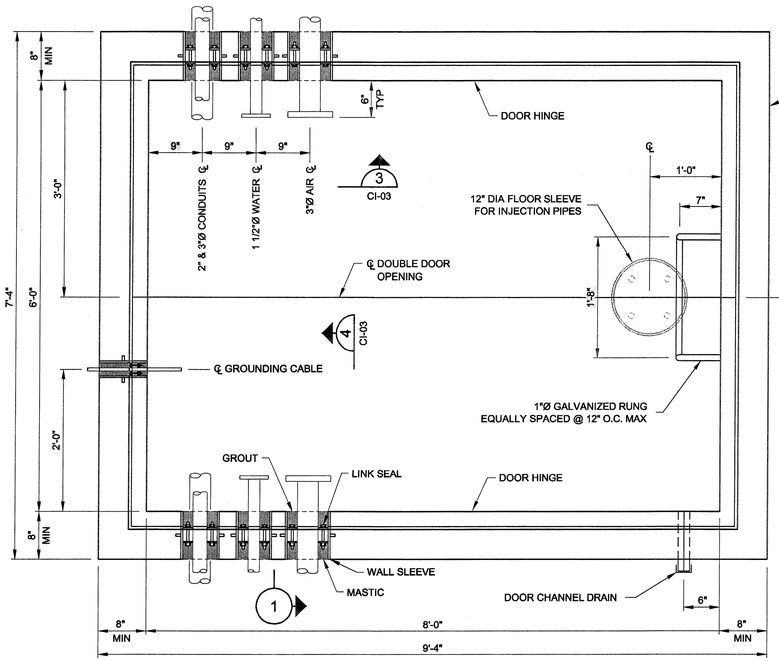
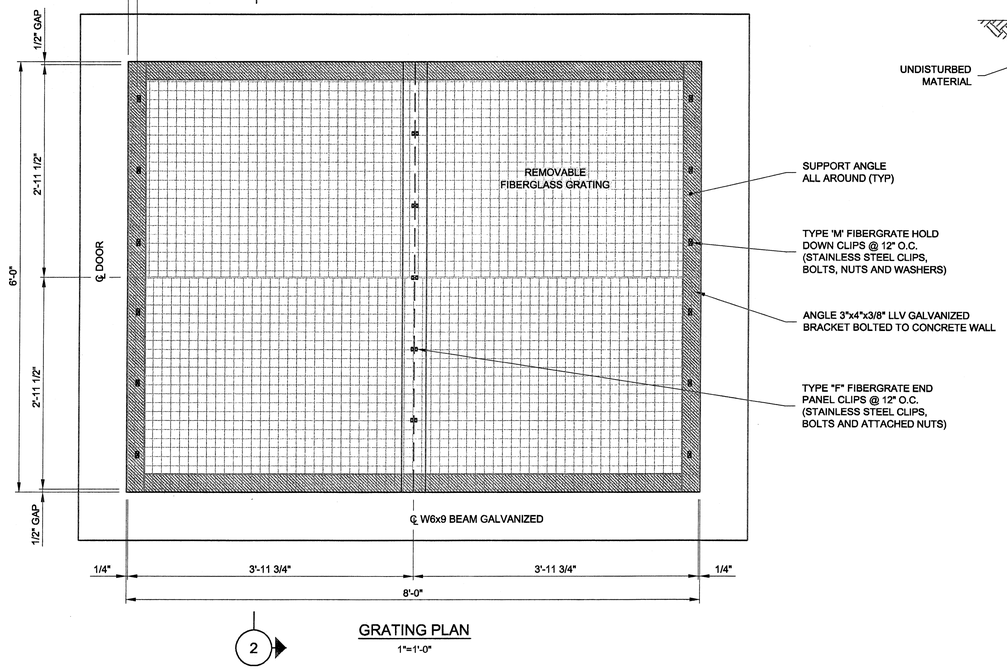


2

WELL CHAMBER PLAN

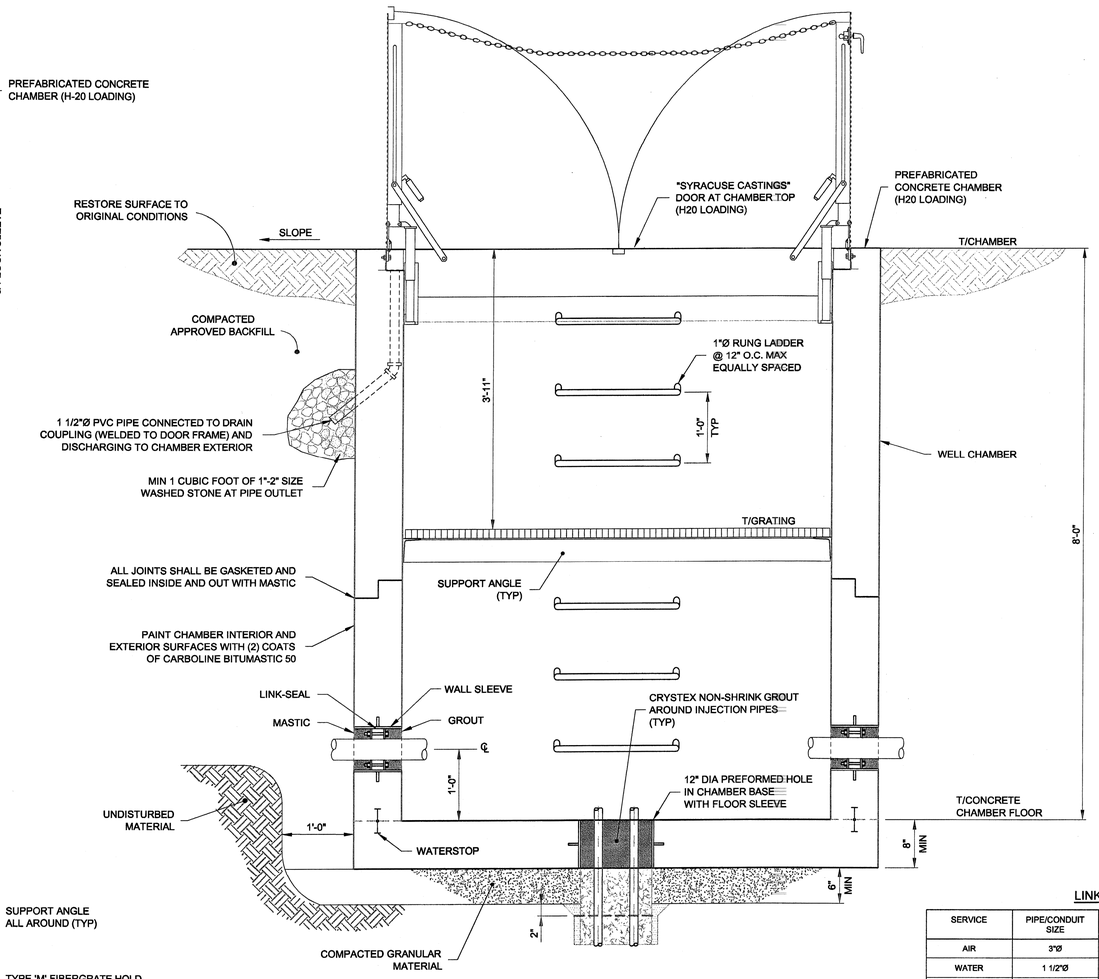
1"=1'-0"



2

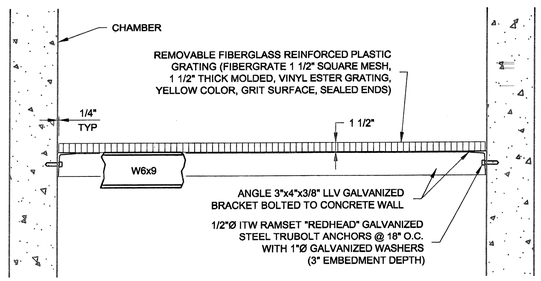
GRATING PLAN

1"=1'-0"



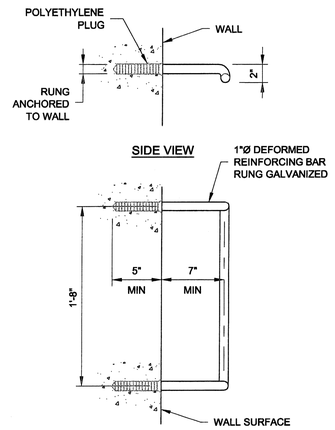
SECTION 1

1"=1'-0"



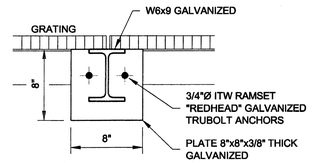
SECTION 2

1"=1'-0"



RUNG DETAIL

1 1/2"=1'-0"



BEAM PLATE DETAIL

1 1/2"=1'-0"

LINK SEALS AND WALL SLEEVES

SERVICE	PIPE/CONDUIT SIZE	PIPE MATERIAL	CHAMBER WALL SLEEVE	CHAMBER LINK SEAL
AIR	3"Ø	STEEL	WS-5-25-S	LS-300 (8 LINKS PER SEAL)
WATER	1 1/2"Ø	HDPE	CS-3 1/2	LS-275 (8 LINKS PER SEAL)
CONDUIT	2"Ø	PVC	CS-4	LS-300 (6 LINKS PER SEAL)
CONDUIT	3"Ø	PVC	CS-5	LS-300 (8 LINKS PER SEAL)
GROUND CABLE	-	-	WS-2-15-S	LS-200 (4 LINKS PER SEAL)
WELL	-	-	CS-12	-

NOTES

1. FOR WELL CHAMBER ORIENTATION REFER TO MECHANICAL DRAWING.
2. LINK SEALS AND WALL SLEEVES BY THUNDERLINE CORPORATION.
3. WALL SLEEVE LENGTH TO BE THE SAME AS CHAMBER CONCRETE THICKNESS.
4. WALL SLEEVE CS SHALL BE HDPE PLASTIC AND WS SHALL BE GALVANIZED STEEL.
5. LOCATION OF 12" DIA SLEEVE IN CHAMBER FLOOR FOR INJECTION PIPES SHALL BE IN ACCORDANCE WITH MECHANICAL DRAWINGS.
6. LOCATIONS OF 1 1/2" DIA WATER AND 3" DIA AIR PIPING PENETRATIONS IN CHAMBER WALLS SHALL BE IN ACCORDANCE WITH MECHANICAL DRAWINGS.
7. GRATING OPENINGS AND CUTOUTS FOR PIPING SHALL BE FIELD LOCATED IN ACCORDANCE WITH MECHANICAL DRAWINGS.
8. CHAMBER DOOR SHALL BE FOR H20 LOADING AS MANUFACTURED BY SYRACUSE CASTING SALES CORPORATION (TEL. (315) 699-2601, WWW.SYRCAST.COM).
9. LOWER 4'-0" SECTION OF CHAMBER WALLS AND BASE SLAB SHALL BE CONSTRUCTED MONOLITHIC (SINGLE CONCRETE PLACEMENT) WITHOUT COLD JOINTS.
10. COMPACTION OF BACKFILL AROUND PIPING AND CONDUIT SHALL BE PERFORMED CAREFULLY TO AVOID DISPLACEMENT OF PROTRUDING PIPE/CONDUIT AND TO PRESERVE SEAL AGAINST WATER INTRUSION.

DATE PRINTED 05/25/05

100% REVIEW DRAWINGS
NOT FOR CONSTRUCTION

SCALE VERIFICATION: THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

No	Revision	Date	Initial

Approved

WARNING: ALTERING THIS DOCUMENT IS IN VIOLATION OF THE NEW YORK STATE EDUCATION LAW EXCEPTING AS PROVIDED IN SECTION 7209, PART 2 OF THE LAW.

STATE OF NEW YORK · SUNIL K. MITAL · LICENSED PROFESSIONAL ENGINEER · No. 68603 · 5/25/2005

HOOKER/RUCO SITE
HICKSVILLE, NEW YORK

BIOSPARGE TREATMENT SYSTEM

CONTROL BUILDING AND WELLS
WELL CHAMBERS

CRA Infrastructure & Engineering, Inc.

Source Reference:			Date: OCTOBER 2003
Project Manager: JK	Reviewed By: JGRW	Designed By: SKM	Drawn By: ZM
Scale: AS NOTED	Project No: 06883-10	Report No: 045	Drawing No: CI-02

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