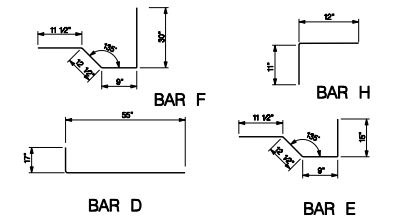


MAXIMUM OIL CONTAINMENT		
PROPOSED	VOLUME	
	GALLONS	CUBIC FEET
PIT CAPACITY	1,098	146.67

GENERAL NOTES

- ALL EXPOSED CORNERS TO HAVE 34" CHAMFER.
- ALL SPLICES TO BE CLASS B (UN).
- ALL REINFORCING TO HAVE 1-1/2" COVER (UN).
- ALL CONCRETE TO BE 4,000 PSI AT 28 DAYS.
- ALL HOOKS TO BE STANDARD.
- ALL ELEVATIONS GIVEN ASSUME TOP OF TRANSFORMER.
- WATERSTOP SHALL BE CONTINUOUS PVC RIBBED 9" WIDE BY 3/8" THK SECTIONS SHALL BE JOINED TOGETHER WITH THE USE OF A SPLICING IRON.
- 4" DIAMETER GALVANIZED STEEL SCHED. 40 STEEL DRAIN PIPE SHALL BE INSTALLED IF A SUITABLE DRAINAGE POINT IS ACCESSIBLE. CONTRACTOR SHALL SIZE VALVE BOX TO ALLOW ACCESS AND MAINTENANCE PER SITE CONDITIONS. SMITH #2675 CAST IRON DRAIN OR EQUAL TO BE INSTALLED IN CAPTURE PIT.
- CONTRACTOR IS RESPONSIBLE FOR THE PROPER "FIT-UP" OF ALL MATERIALS, INCLUDING BUT NOT LIMITED TO GRATING, GRATING SUPPORTS, REINFORCING STEEL, PVC DISCHARGE PIPING, ELECTRICAL CONDUITS, ETC.
- PROVIDE CONCRETE SPLASH BLOCK AT ALL DISCHARGE POINTS NOT ON CONCRETE OR ASPHALT.



REINFORCING-STEEL DETAILS

GENERAL REINFORCING STEEL NOTES:

ALL REINFORCING STEEL SHALL CONFORM TO CPS SPECIFICATION NO. 291-032 ALL STRAIGHT AND BENT BARS SHALL BE FABRICATED FROM DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60. ALL LIKE PIECES MUST BE BUNDLED AND IDENTIFIED WITH PERMANENT TAGS. THE IDENTIFYING LETTERS AND NUMBERS SHALL BE APPLIED TO THE TAG WITH AN INDELIBLE BLACK MARKER AND SHALL BE A MINIMUM OF 1/2" HIGH. ALL SPECIFICATIONS REFERENCED SHALL BE THE LATEST REVISION AS OF THE DATE OF MANUFACTURE.

INSPECTION NOTE:

CPS IS TO INSTALL THE RISER POLE AND STANDOFF BRACKETS BEFORE THE CONTRACTOR INSTALLS CONDUIT. IT IS ESSENTIAL THAT AN INSPECTION OF THE SLAB AND DUCTLINE BE MADE BY A CPS INSPECTOR PRIOR TO AND AFTER THE POURING OF CONCRETE. CALL 363-8850 TO ARRANGE FOR THE INSPECTION. TWENTY-FOUR HOURS ADVANCE NOTICE IS REQUIRED WHEN CALLING FOR AN INSPECTION. BE PREPARED TO REFERENCE WORK REQUEST NUMBER AND ADDRESS SHOWN ON THIS COPY. CALL BETWEEN 7:00 A.M. AND 3:30 P.M. MONDAY - FRIDAY.

BAR	QTY	SIZE	SHAPE	SPACING	LENGTH	EST WT (LBS.)	REMARKS
A	44	#5	STRONG	8"	14'-4"	656	
B	73	#5	STRONG	8"	15'-6"	1178	
C	30	#5	STRONG	8"	4'-4"	129	
D	30	#5	STRONG	8"	7'-6"	254	
E	69	#5	STRONG	8"	4'-0"	266	
F	40	#5	STRONG	8"	5'-3"	219	
G	24	#5	STRONG	12"	9'-8"	242	
H	60	#5	STRONG	12"	1'-11"	200	ALSO USE IN PIT CONCRETE AT EACH END
I	10	#5	STRONG	8"	15'-6"	182	
TOTAL EST. WT. = 3,308 LBS.							

GEI
GRUBB ENGINEERING, INC.
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ENGINEERING AND TESTING
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P.O. BOX 65
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www.grubbingengineering.com

No.	Revision	Drawn	Approved	Date

Revisions

DESIGN STANDARDS PUMP STATION
10'X10' CPS CONTAINMENT SLAB
DETAIL FOR LIMITED SPACE ONLY

Developer SAN ANTONIO WATER SYSTEM
Cont. Budget Proj.
SUBMITTED GRUBB ENGINEERING, INC.
APPROVED _____
Map No. _____ Sheet
Section No. _____
Dr. RdcjCh Job No. E27