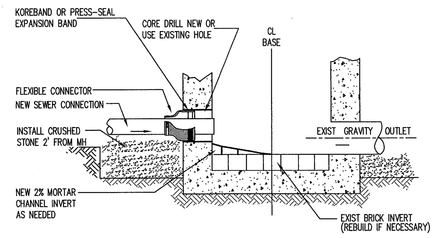
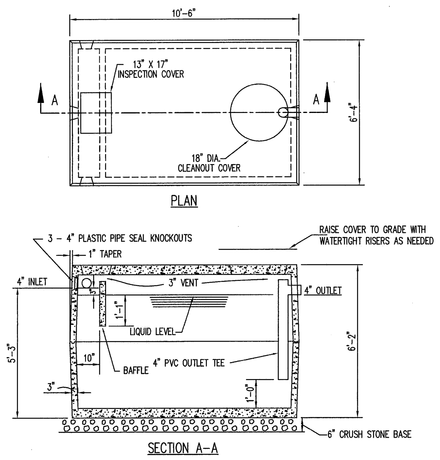
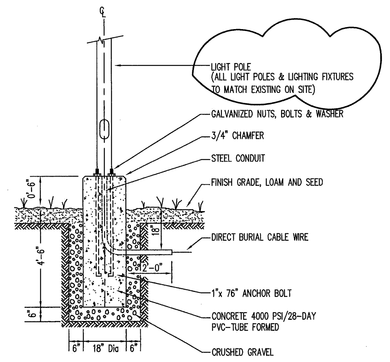


7 FLEXIBLE CONNECTION TO EXISTING MANHOLE
NOT TO SCALE



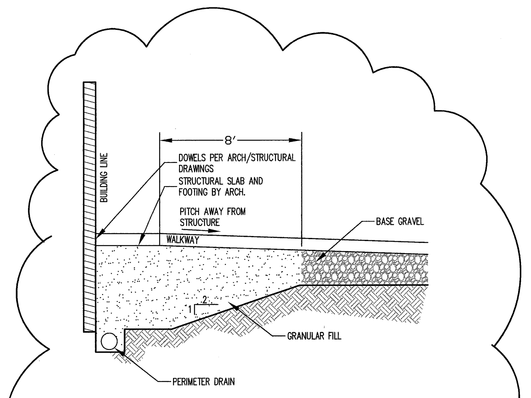
NOTES:
1. CONCRETE: 4,000 P.S.I AFTER 28 DAYS.
2. TOP REINFORCED WITH #5'S @ 12" O.C. E.W.
3. TONGUE AND GROOVE JOINTS ARE SEALED WITH A 6" STRIP OF ASPHALTIC BUTYL RUBBER.
4. EXCAVATION MUST BE AT LEAST 12" WIDER AND LONGER THAN TANK SIZE.

8 PRECAST CONCRETE GREASE TRAP - 2,000 GAL.
NOT TO SCALE

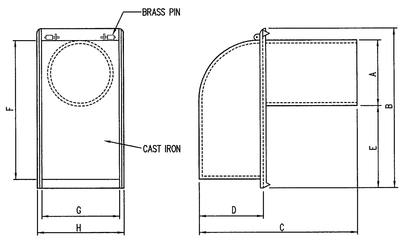


NOTES:
1. SUBMIT SHOP DRAWING FOR APPROVAL PRIOR TO INSTALLATION.
2. COORDINATE WITH ELECTRICAL SPECIFICATIONS.
3. COLD-GALVANIZE ALL CUTS.
4. FORM WITH FIBERGLASS OR PVC SMOOTH-FACED FORMS.

4 CONCRETE LIGHT POLE BASE
NOT TO SCALE



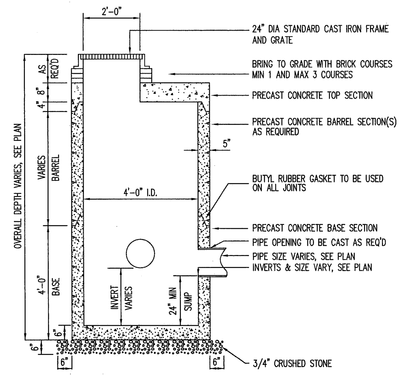
5 FROST PROTECTION AT WALKS/ENTRANCES
NOT TO SCALE



SIZE	A	B	C	D	E	F	G	H
6 IN.	5 1/2	13 3/8	13 3/8	5 3/8	5 7/8	11 5/8	6 1/2	7 1/4
8 IN.	7 1/2	15	15 3/8	5 1/2	5 3/8	13 3/4	8 3/4	9 3/8
10 IN.	9 1/2	16	16 1/4	6	4 1/2	14 1/8	11 1/2	12 3/8
12 IN.	11 1/2	17	22	8	3 1/2	17	12 1/2	13 3/8
15 IN.	14 1/2	22 1/2	22 1/2	10 1/2	5	20 1/4	15 1/2	16 1/4

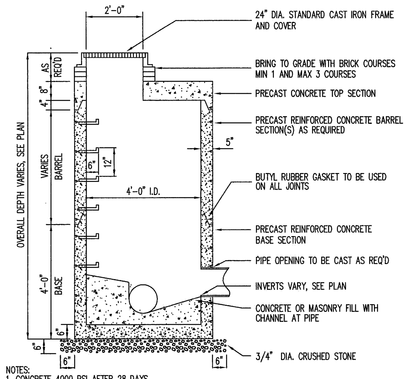
NOTE - SEE PLANS FOR SIZE AND LOCATION

6 CASCO TRAP
NOT TO SCALE



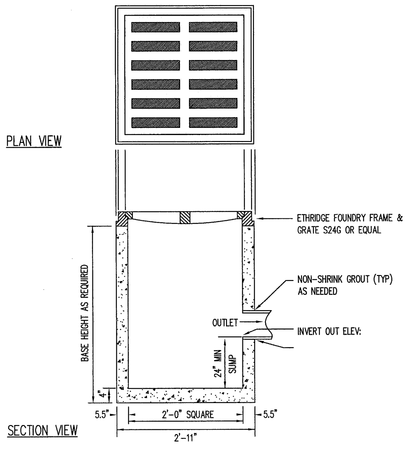
NOTES:
1. CONCRETE 4000 PSI AFTER 28 DAYS.
2. REINFORCING H-20 LOADING 4x4 / 4x4 WWM. SLAB TOP - NO. 5 BARS.
3. EACH CASTING TO HAVE LIFTING HOLES TO BE FILLED WITH NON-SHRINK MORTAR.

1 PRECAST CONCRETE CATCH BASIN-FLAT TOP
NOT TO SCALE



NOTES:
1. CONCRETE 4000 PSI AFTER 28 DAYS.
2. REINFORCING H-20 LOADING 4x4 / 4x4 WWM.
3. EACH CASTING TO HAVE LIFTING HOLES TO BE FILLED WITH NON-SHRINK MORTAR.
4. MANHOLE STEPS TO BE ALUMINUM OR HIGH IMPACT PLASTIC.
5. DRAIN MANHOLES WITHOUT CATCH BASINS UPSTREAM SHALL BE CONSTRUCTED WITH 3' DEEP SUMPS.

2 PRECAST CONCRETE DRAIN MANHOLE
NOT TO SCALE



NOTES:
1. CONCRETE 5000 PSI AFTER 28 DAYS.
2. REINFORCING: 1 LAYER 4x4 / 4x4 WWM.
3. FIELD INLET IS USED FOR SHALLOW, OFF-DRIVE, DEAD END DRAINAGE AREAS.

3 FIELD INLET
NOT TO SCALE

DETAIL SHEETS RENUMBERED

engineers
planners
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Land Use Consultants, Inc.
986 RIVERSIDE STREET
PORTLAND, MAINE 04103
Voice (207) 878 - 3313
Fax (207) 878 - 0251
E-mail@tpgusa.com

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630 OCEAN AVENUE, PORTLAND, MAINE

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PORTLAND, MAINE

Revision	Date
ISSUE FOR PRELIMINARY BID	5-11-05
RE-ISSUE FOR PRELIMINARY BID	6-27-05
FINAL SUBMISSIONS REVIEW	7-25-05
FINAL SUBMISSIONS	8-08-05
MINOR REVISIONS PER COMMENTS	9-16-05
GENERAL REVISIONS	3-08-06
PERMIT SUBMISSION, NO REVS	10-5-06
HUD FIRM COMMITMENT	11-22-06

Designed	PLC
Drawn	CAM
Checked	DAK
Scale	NO SCALE
Date	12-23-04

DETAILS

Job No. 3061
Sheet
C-7