

NOTES:

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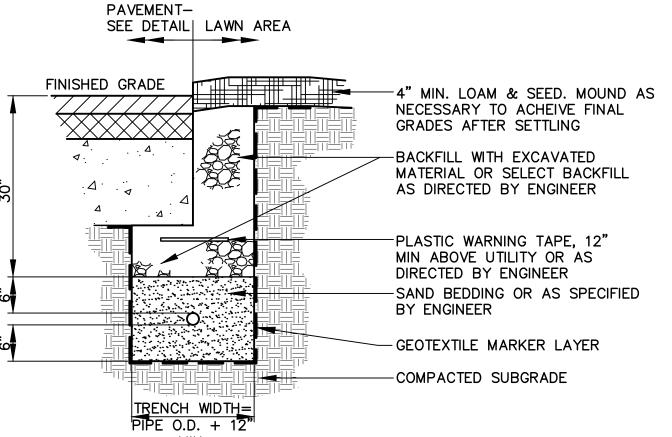
- 1. CONCRETE: 5,000 PSI AFTER 28 DAYS.
 2. JOINTS TO BE SEALED WITH CONSEAL CS102 JOINT SEALANT.
- 3. KNOCKOUTS EXTEND 6" INTO THE WALL WITH SIDES SLOPED @ 45° FORMING A BELL TYPE OPENING.
- KNOCKOUTS SHOULD BE CLEAR OF ANY REINFORCING.
 4. REINFORCING: DESIGNED FOR H-20 LOADING.
- 5. HATCH AND GALVANIZED GRATING PROVIDED BY OTHERS.
- 6. VAULT SHALL BE DESIGNED TO WITHSTAND H-20 WHEEL LOADING WITH 6 INCHES OF OVERBURDEN. THE DESIGN SHALL ALSO COMPLY WITH THE STRENGTH REQUIREMENTS OF NATIONAL ELECTRICAL SAFETY CODE SECTION 323A. PROVIDE SHOP DRAWINGS STAMPED BY A STATE OF MAINE REGISTERED PROFESSIONAL ENGINEER UPON BEOLIEST.
- REQUEST.
 7. JOINTS SEALED WITH ASPHALT.
- 8. MOUNTINGS FOR CABLE HOOKS, ETC. CAST IN WALL BY FURTHER PLANE OR FIELD LOCATED.
- 9. MANHOLE SHALL BE SET ON A SUITABLE GRAVEL BASE.
 10. CABLES ARE TO BE RACKED ALONG ONE WALL ONLY.

CASTING WEIGHTS: BASE: 16,850 LBS.

BARREL: 8,980 LBS. COVER: 6,750 LBS.

WEIGHTS SHOWN DO NOT INCLUDE LIFTING GEAR.

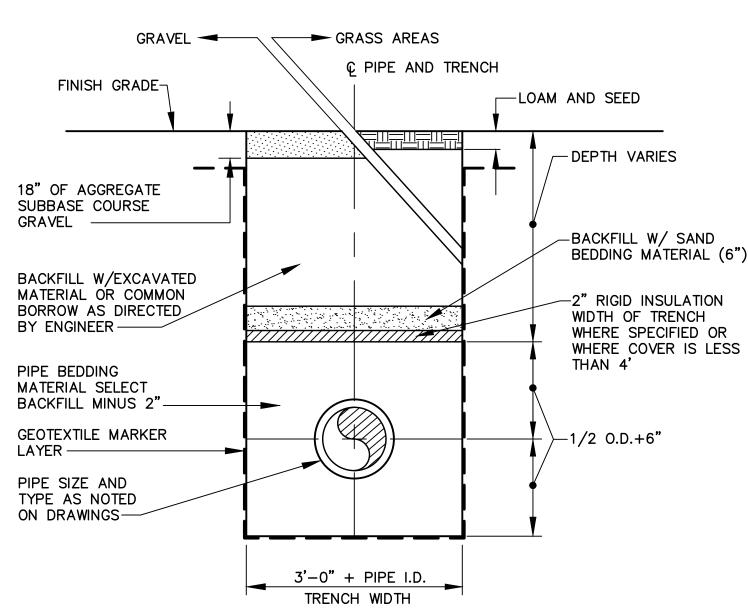
8' x 12' SIDEWALK VAULT
NOT TO SCALE



OTES: MIN.
. ALL WORK TO COMPLY WITH UTILTY COMPANY STANDARDS.

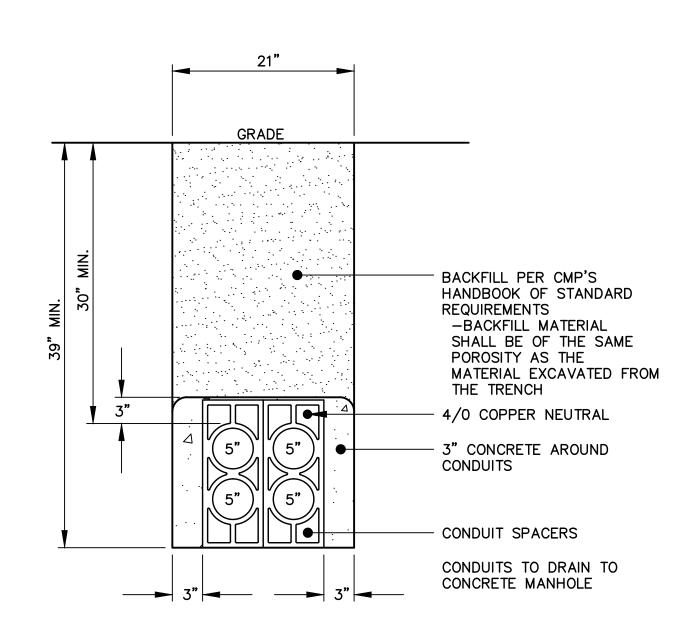
2. CONTRACTOR TO PROVIDE ‡" POLYPROPYLENE PULL ROPES IN ALL CONDUITS.

GAS OR ELECTRIC UTILITY TRENCH SECTION

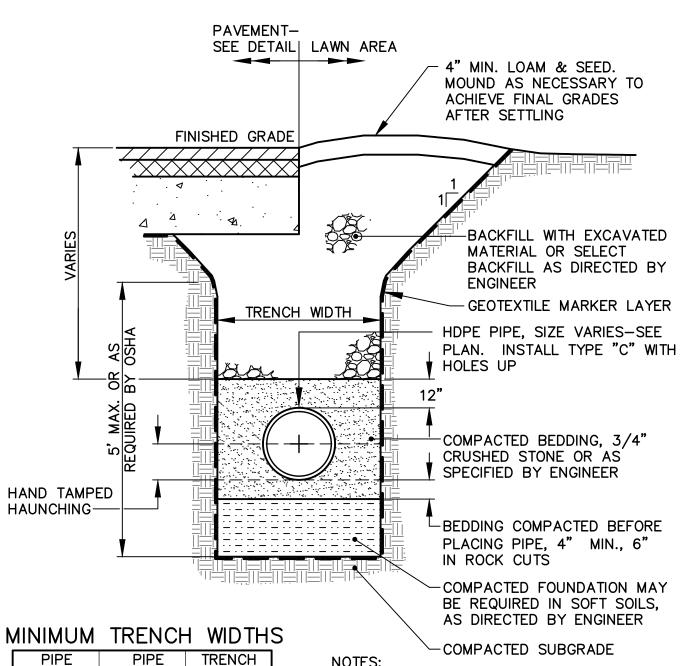


1. SAND BACKFILL AND RIGID INSULATION AS REQUIRED.

WATER TRENCH SECTION NOT TO SCALE



CONCRETE ENCASED DUCT



 PIPE DIA.
 PIPE DIA.
 PIPE DIA.
 TRENCH WIDTH

 12"
 14.45"
 31"

 15"
 17.65"
 34"

 18"
 21.10"
 39"

 24"
 28.30"
 48"

 30"
 36.10"
 66"

 36"
 42.25"
 78"

 42"
 47.00"
 83"

 48"
 53.00"
 89"

COMPACTED SUBGRADE

NOTES:

1. WHERE TRENCHES PENETRATE DETENTION
BASIN EMBANKMENTS OR OTHER SUCH
SPECIAL SECTIONS, BACKFILL SHALL
CONFORM TO THE THEIR REQUIREMENTS.

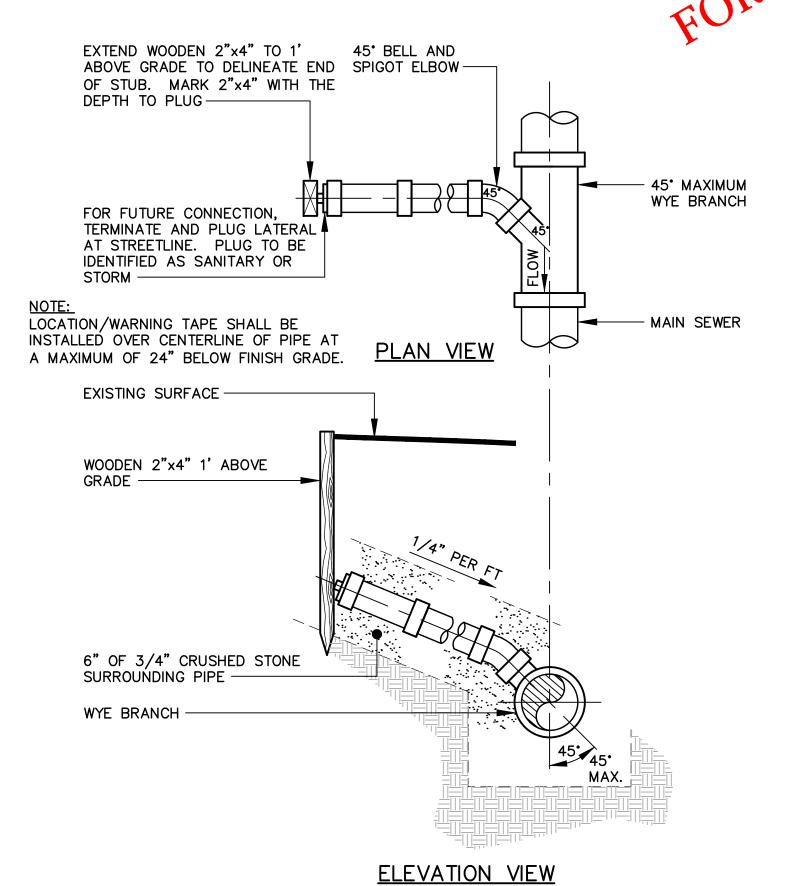
2. INSTALL WATER STOPS EVERY 100' OR

2. INSTALL WATER STOPS EVERY 100' OR
AS NECESSARY TO PREVENT FINES FROM
MIGRATING.

3. TRENCH WIDTH SHALL BE WIDE ENOUGH

3. TRENCH WIDTH SHALL BE WIDE ENOUGH TO ACCOMMODATE COMPACTION EQUIPMENT.

STORM/SANITARY PIPE TRENCH



TYPICAL HOUSE LATERAL

TEE/WYE CONNECTION

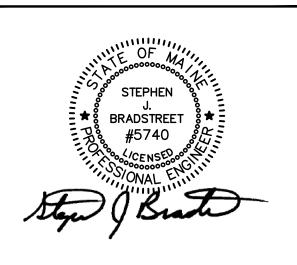
NOT TO SCALE

PROPOSED AC HOTEL PORTLAND

FORE STREET /
HANCOCK STREET /
THAMES STREET
PORTLAND, MAINE

Prepared for:

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DETAILS

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CONSTRUCTION

FINAL SUBMISSION 03/15/16

PRELIMINARY SUBMISSION 09/29/15

CLIENT REVIEW 09/15/15

Revision/Issue Date

Design by:

MPM

SJB

Drawn by:

JAR

Project:

150.06094

Checked by:

SJB

Approved by:

SJB

Approved by:

AUGUST 2015

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