

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 REQUEST.

7. JOINTS SEALED WITH ASPHALT.

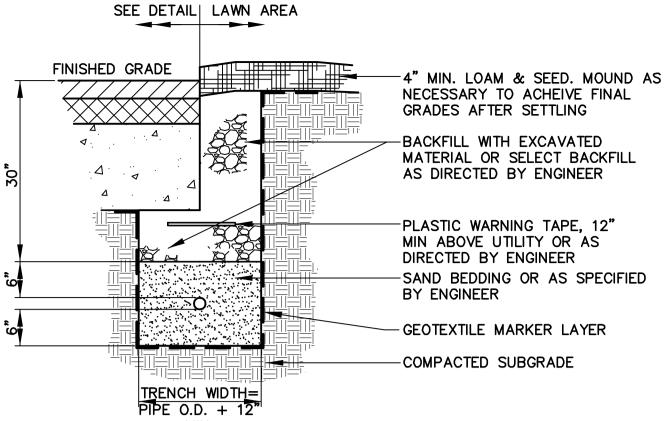
8. MOUNTINGS FOR CABLE HOOKS, ETC. CAST IN WALL BY FURTHER PLANE OR FIELD LOCATED.
9. MANHOLE SHALL BE SET ON A SUITABLE GRAVEL BASE.

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

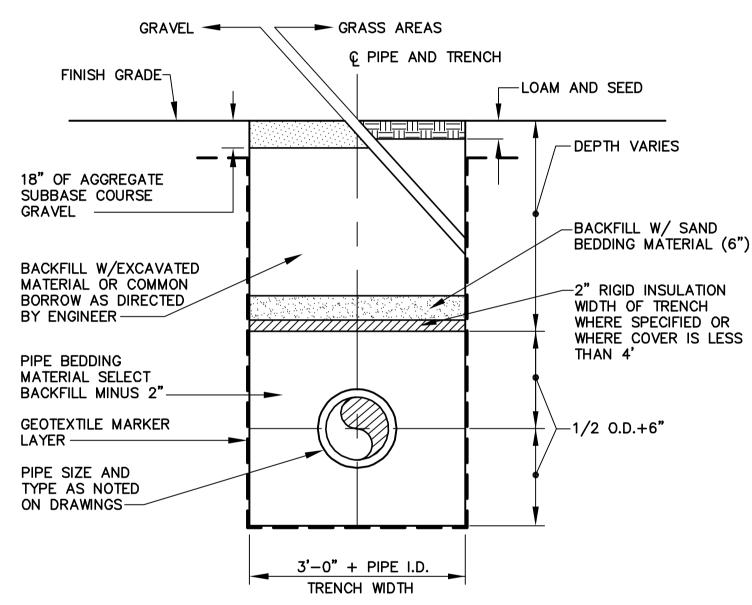


ALL WORK TO COMPLY WITH UTILTY COMPANY

PAVEMENT-

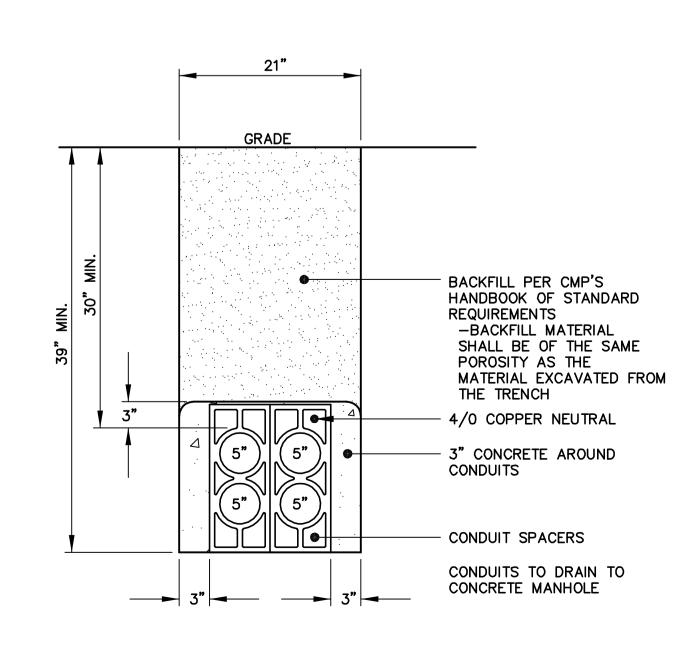
STANDARDS. CONTRACTOR TO PROVIDE 1" POLYPROPYLENE PULL ROPES IN ALL CONDUITS.

GAS OR ELECTRIC UTILITY TRENCH SECTION

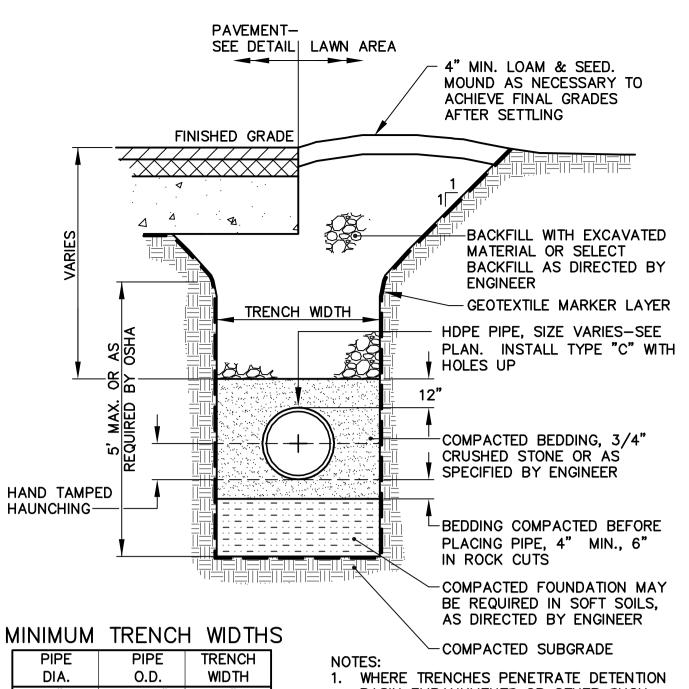


1. SAND BACKFILL AND RIGID INSULATION AS REQUIRED.

WATER TRENCH SECTION NOT TO SCALE



6 CONCRETE ENCASED DUCT



14.45**"** 17.65" 21.10**"** 28.30**"** 36.10**"** 42.25**"** 47.00**"**

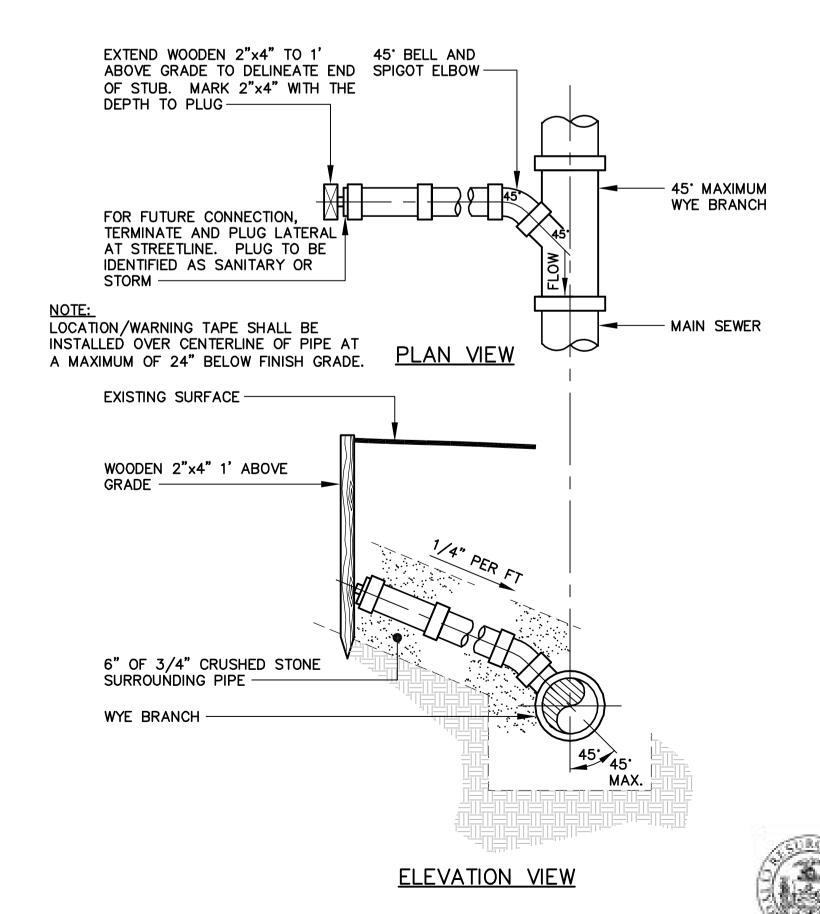
53.00"

BASIN EMBANKMENTS OR OTHER SUCH SPECIAL SECTIONS, BACKFILL SHALL CONFORM TO THE THEIR REQUIREMENTS.

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

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

STORM/SANITARY PIPE TRENCH



TYPICAL HOUSE LATERAL TEE/WYE CONNECTION

PROPOSED AC HOTEL **PORTLAND**

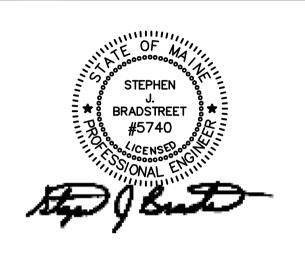
FORE STREET /

HANCOCK STREET /

PORTLAND, MAINE

THAMES STREET

PORTLAND NORWICH GROUP, LLC. 2330 PALM RIDGE ROAD #305 SANIBEL, FLORIDA 33957



CIVIL ENGINEER: STEPHEN J. BRADSTREET, PE #5740 400 COMMERCIAL STREET, SUITE 404 PORTLAND, ME 04101 207-772-2891

RANSOM Engineers and Scientists

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CONSTRUCTION **DETAILS**

APPROVED CITY PLAN 03/15/10 FINAL SUBMISSION PRELIMINARY SUBMISSION | 09/29/15 CLIENT REVIEW 09/15/1

CITY OF PORTLAND

Revision/Issue

ARPROVED SITEPLAI ್ಟ್ tubject to Conditions of Appro

150.06094nd Standa AUGUST 12015on:

PROJECT NO

2015-169