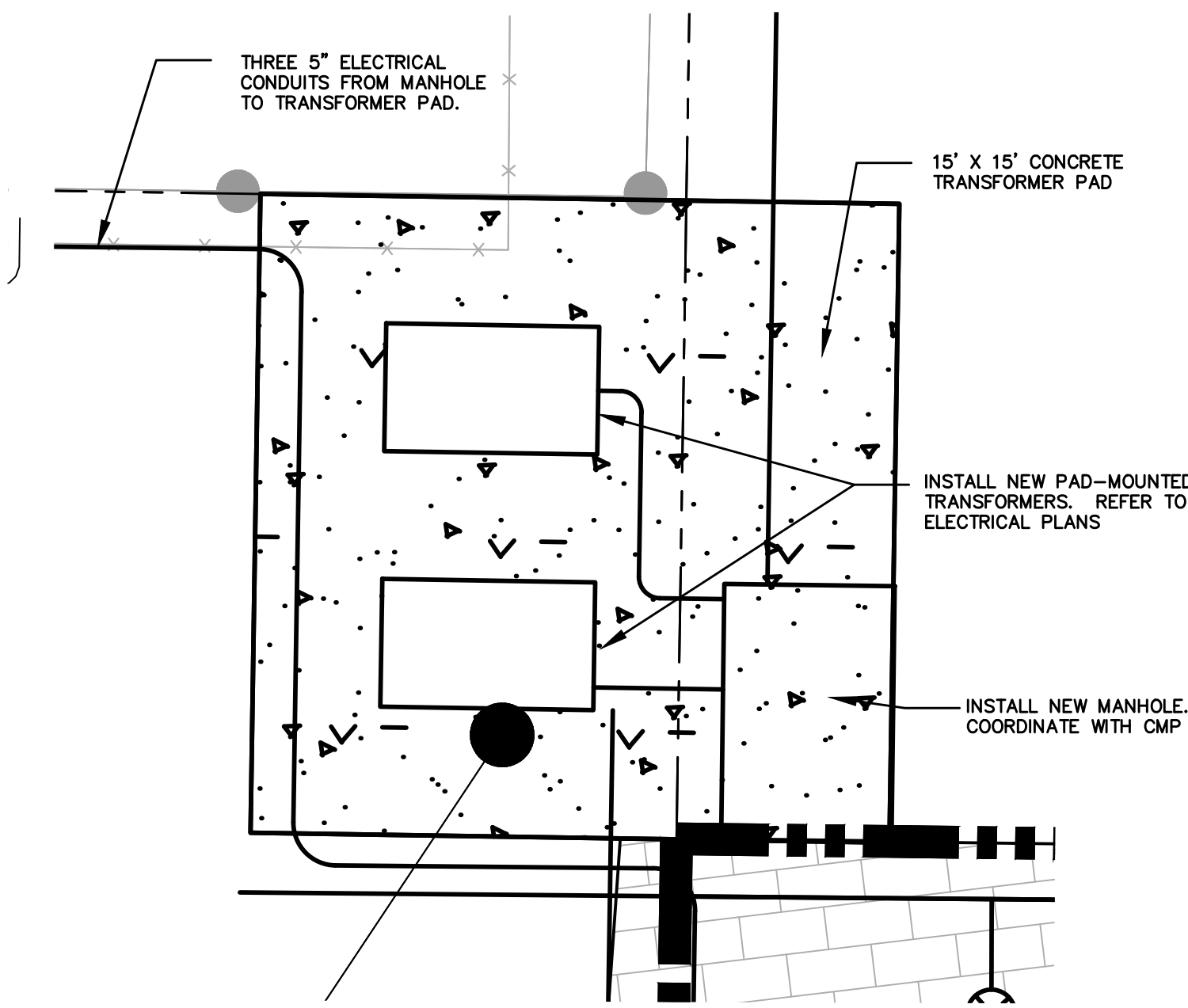
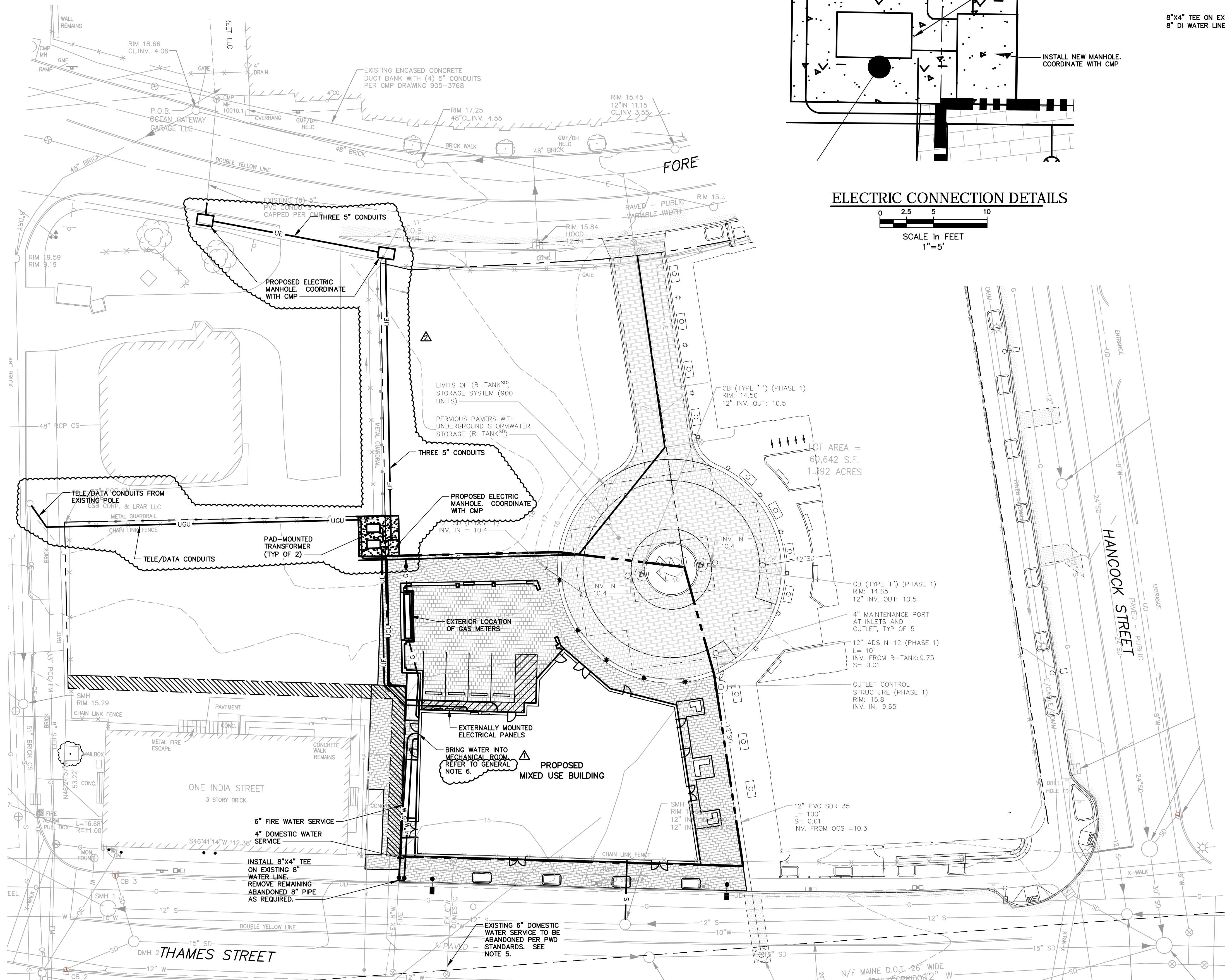
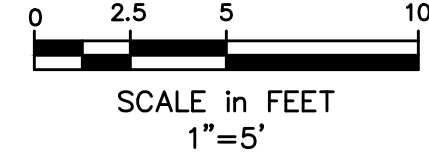




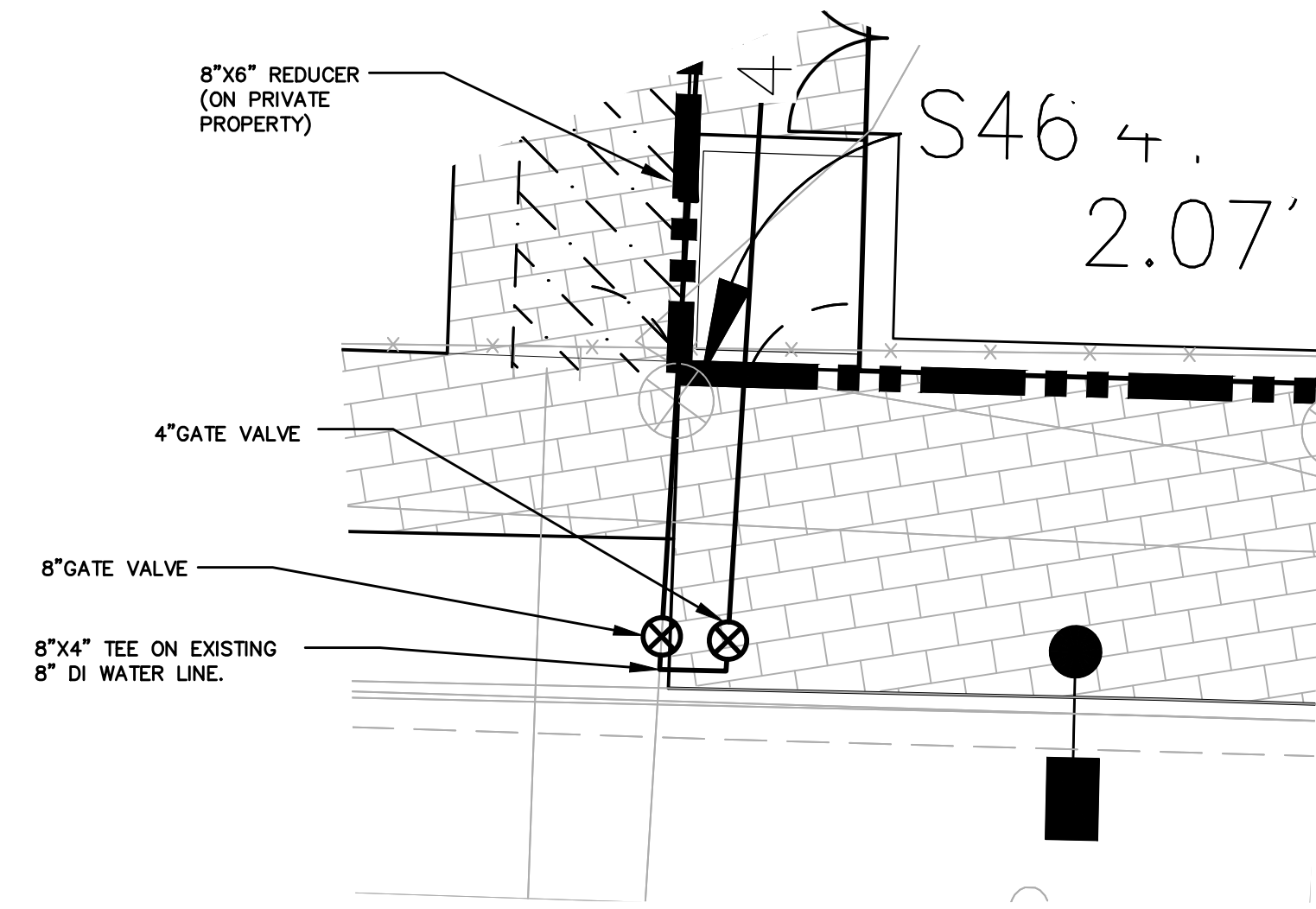
NORTH



ELECTRIC CONNECTION DETAILS



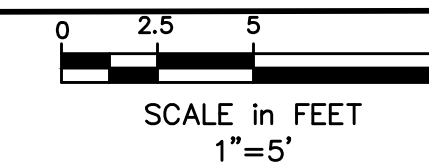
SCALE in FEET
1"=5'



NOTES

1. THE 8" / 6" FIRE LINE AND THE 4" DOMESTIC WATER LINE SHALL BE SEPARATED BY A MINIMUM OF 2 FEET FACE TO FACE.
2. THE SHUTOFF VALVES FOR THE 8" FIRE AND 4" DOMESTIC SHALL BE PLACED A MINIMUM OF 2' FROM THE FACE OF CURB ON FORE STREET.
3. A FULL LENGTH OF DI PIPE (MIN.) SHALL BE PLACED AFTER THE 8" AND 4" SHUTOFF VALVES IN THE SIDEWALK PRIOR TO INSTALLATION OF ADDITIONAL JOINTS (REDUCER, ELBOW).
4. TREES WELLS AND STREET LIGHTS SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE WATER SERVICE.

WATER CONNECTION DETAIL

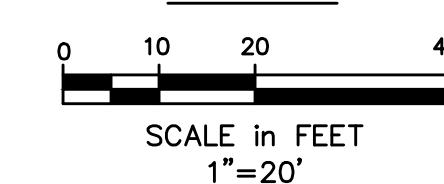


SCALE in FEET
1"=5'

GENERAL NOTES

1. EXISTING UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
2. COORDINATE INSTALLATION OF FIRE SERVICE AND DOMESTIC WATER SERVICE WITH PORTLAND WATER DISTRICT.
3. BACKWATER VALVES (BACKFLOW PREVENTER) SHALL BE INSTALLED ON EACH SANITARY LINE AS IT EXITS THE BUILDING. EACH VALVE SHALL BE PLACED WITHIN AN ACCESS BOX SUPPLIED BY MANUFACTURER.
4. A LICENSE FROM THE CITY OF PORTLAND SHALL BE REQUIRED FOR ANY BACKWATER VALVES WITHIN THE CITY RIGHT-OF-WAY.
5. TO ABANDON EXISTING WATER SERVICE ON THAMES STREET, REMOVE VALVE AND TAPPING SLEEVE AND INSERT REPAIR SLEEVE AND PIPE. SHUT DOWN OF MAIN SHALL BE REQUIRED. CAP FREE END OF SERVICE.
6. DOMESTIC WATER SERVICE LINE TO BE PROTECTED FROM BACKFLOW BY INSTALLATION OF A REDUCED PRESSURE ZONE (RPZ) DEVICE AFTER THE METER, AS REQUIRED BY THE PORTLAND WATER DISTRICT. PROPER DRAINAGE IN THE MECHANICAL ROOM IS RECOMMENDED.

SCALE



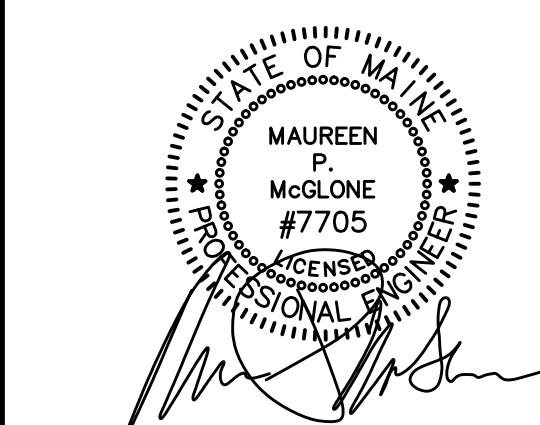
SCALE in FEET
1"=20'

Project:
**20 THAMES STREET
RESIDENTIAL
CONDOMINIUM**

20 THAMES STREET
PORTLAND, MAINE

Owner:
ESSEXNORTH 20 THAMES LLC
P.O. Box 1383
SANIBEL, FL 33957

Applicant:
**ESSEXNORTH
PORTLAND LLC**
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CIVIL ENGINEER:
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UTILITY PLAN

2	ADDENDUM 2	08/15/17
1	REVISION 1	08/07/17
E	ISSUED FOR BID	07/14/17
D	PER CMP COMMENTS	06/30/17
C	PER REVIEW COMMENTS	06/09/17
B	CONSTRUCTION REVIEW	05/26/17
A	CITY SUBMISSION	03/09/17

No.	Revision/Issue	Date
Design by:	MPM	Checked by: SJB
Drawn by:	JAR	Approved by: SJB
Project:	150.06094	Date: FEBRUARY 2017

Sheet No:
C1.1
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