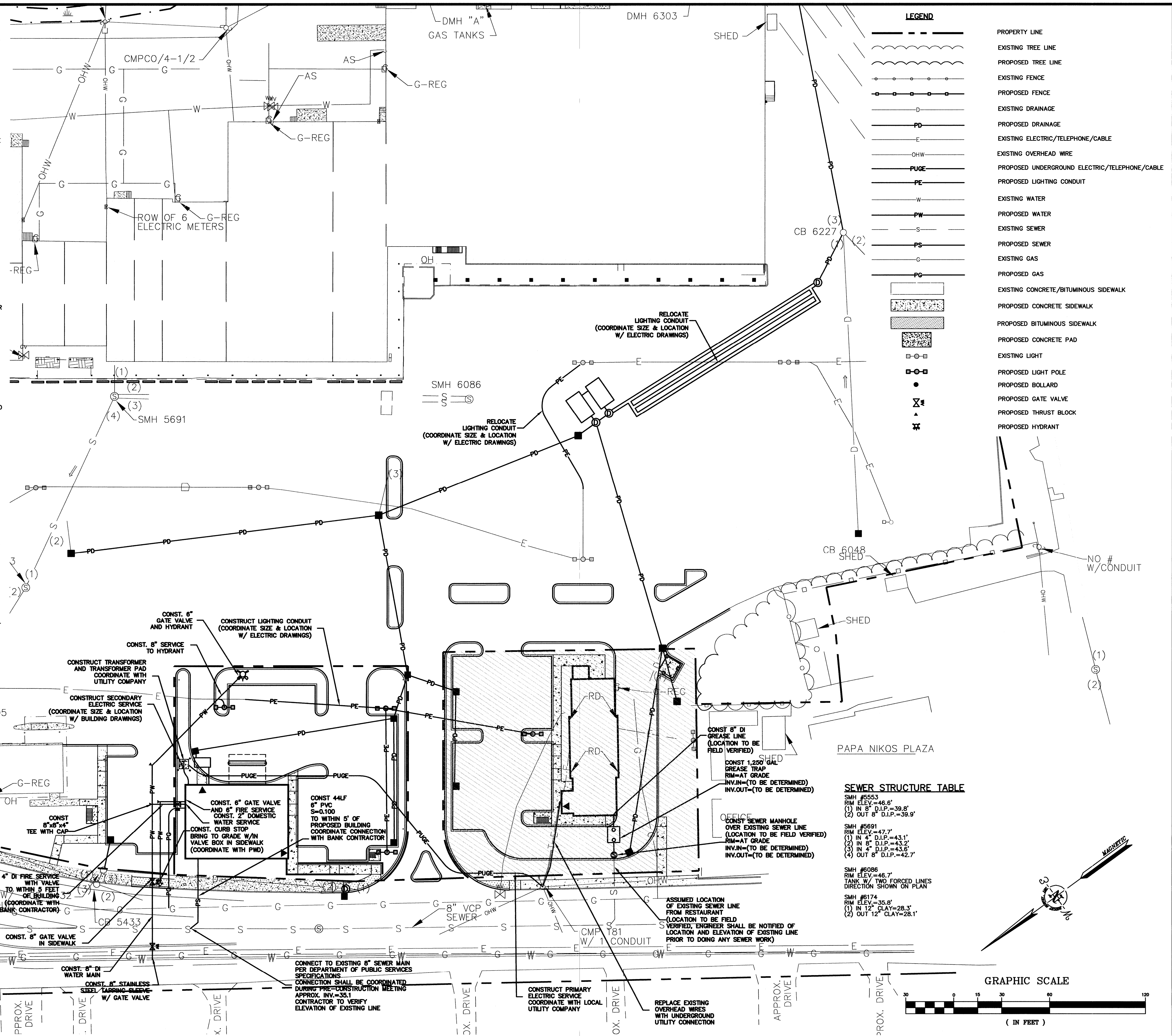


UTILITY NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND THE LOCATIONS ARE NOT GUARANTEED BY THE OWNER OR ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES, ANTICIPATE CONFLICTS, REPAIR EXISTING UTILITIES, AND RELOCATE EXISTING UTILITIES REQUIRED TO COMPLETE THE WORK AT NO ADDITIONAL COST TO THE OWNER.
2. COORDINATE ALL UTILITY WORK WITH APPROPRIATE UTILITY COMPANY.
WATER - PORTLAND WATER DISTRICT
SEWER - CITY OF PORTLAND DEPARTMENT OF PUBLIC WORKS
3. SEE EXISTING CONDITIONS PLAN FOR BENCHMARK INFORMATION.
4. SEE GRADING, DRAINAGE & EROSION CONTROL PLAN FOR PROPOSED GRADING AND EROSION CONTROL MEASURES.
5. ALL WATER MAIN INSTALLATIONS SHALL BE CLASS 52, CEMENT LINED DUCTILE IRON PIPE.
6. ALL WATERMAIN INSTALLATIONS SHALL BE PRESSURE TESTED AND CHLORINATED AFTER CONSTRUCTION PRIOR TO ACTIVATING THE SYSTEM. CONTRACTOR SHALL COORDINATE CHLORINATION AND TESTING WITH THE PORTLAND WATER DISTRICT.
7. ALL SEWER PIPE SHALL BE PVC SDR 35 UNLESS OTHERWISE STATED.
8. ALL WORK WITHIN CITY ROWS SHALL BE COORDINATED WITH CITY OF PORTLAND.
9. CONTRACTOR SHALL MAINTAIN UTILITY SERVICES TO ADJUTING PROPERTIES THROUGHOUT CONSTRUCTION.
10. CONNECTION TO EXISTING WATERMAIN SHALL BE CONSTRUCTED TO CITY STANDARDS.
11. ALL ELECTRICAL MATERIAL WORKMANSHIP SHALL CONFORM TO THE NATIONAL ELECTRIC CODE, LATEST EDITION, AND ALL APPLICABLE STATE AND LOCAL CODES.
12. THE EXACT LOCATION OF NEW UTILITY SERVICES AND CONNECTIONS SHALL BE COORDINATED WITH THE BUILDING DRAWINGS AND THE UTILITY COMPANIES.
13. ADJUST ALL MANHOLES, CATCH BASINS, CURB BOXES, ETC. WITHIN LIMITS OF WORK TO FINISH GRADE.
14. ALL UNDERGROUND CONDUITS SHALL HAVE NYLON PULL ROPES TO FACILITATE PULLING CABLES.
15. THE CONTRACTOR SHALL OBTAIN, PAY FOR, AND COMPLY WITH ALL REQUIRED PERMITS, ARRANGE FOR ALL INSPECTIONS, AND SUBMIT COPIES OF ACCEPTANCE CERTIFICATES TO THE OWNER PRIOR TO THE COMPLETION OF THIS PROJECT.
16. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL MANHOLES, BOXES, FITTINGS, CONNECTORS, COVER PLATES, AND OTHER MISCELLANEOUS ITEMS NOT NECESSARILY DETAILED ON THESE DRAWINGS TO RENDER INSTALLATION OF UTILITIES COMPLETE AND OPERATIONAL.
17. CONTRACTOR SHALL PROVIDE EXCAVATION, BEDDING, BACKFILL AND COMPACTION FOR NATURAL GAS SERVICES.
18. A 10-FOOT MINIMUM EDGE TO EDGE HORIZONTAL SEPARATION SHALL BE PROVIDED BETWEEN ALL WATER AND SANITARY SEWER LINES. AN 18-INCH MINIMUM OUTSIDE TO OUTSIDE VERTICAL SEPARATION SHALL BE PROVIDED AT ALL WATER/SANITARY SEWER CROSSINGS.
19. THE CONTRACTOR SHALL CONTACT "DIG-SAFE" 72 HOURS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL HAVE THE "DIG-SAFE" NUMBER ON SITE AT ALL TIMES.
20. CONTRACTOR TO SUBMIT AS-BUILT PLANS ON REPRODUCIBLE MYLARS AND IN DIGITAL FORMAT (.DXF FILES) TO THE OWNER AND ENGINEER UPON COMPLETION OF THE PROJECT. AS-BUILTS SHALL BE PREPARED AND CERTIFIED BY A LICENSED LAND SURVEYOR OR PROFESSIONAL ENGINEER.
21. SAWCUT AND REMOVE PAVEMENT AND CONSTRUCT PAVEMENT TRENCH PATCH FOR ALL PROPOSED UTILITIES LOCATED IN EXISTING PAVEMENT AREAS TO REMAIN
22. COORDINATE TESTING OF SEWER CONSTRUCTION WITH THE CITY OF PORTLAND.
23. ALL SEWER PIPE WITH LESS THAN 4' OF COVER SHALL BE INSULATED.
24. CONTRACTOR SHALL COORDINATE ALL ELECTRIC WORK INCLUDING BUT NOT LIMITED TO: CONDUIT CONSTRUCTION, MANHOLE CONSTRUCTION, UTILITY POLE CONSTRUCTION, OVERHEAD WIRE RELOCATION, AND TRANSFORMER CONSTRUCTION WITH POWER COMPANY.
25. CONTRACTOR SHALL PHASE UTILITY CONSTRUCTION, PARTICULARLY WATER MAIN AND GAS MAIN CONSTRUCTION AS TO MAINTAIN CONTINUOUS SERVICE TO ADJUTING PROPERTIES. CONTRACTOR SHALL COORDINATE TEMPORARY SERVICES TO ADJUTERS WITH THE UTILITY COMPANY AND AFFECTED ADJUTER.
26. SITE LIGHTING SPECIFICATIONS, CONDUIT LAYOUT AND CIRCUITRY FOR PROPOSED SITE LIGHTING AND SIGN ILLUMINATION SHALL BE PROVIDED BY THE PROJECT ELECTRICAL ENGINEER.
27. CONTRACTOR SHALL CONSTRUCT ALL UTILITIES AND DRAINS TO WITHIN 10' OF THE FOUNDATION WALLS AND CONNECT THESE TO SERVICE STUBS FROM THE BUILDING
28. UTILITY INFORMATION WITHIN CONGRESS STREET TAKEN FROM PLAN PROVIDED BY CITY OF PORTLAND DPW ENGINEERING ARCHIVES VAULT.

LIGHTING NOTES:

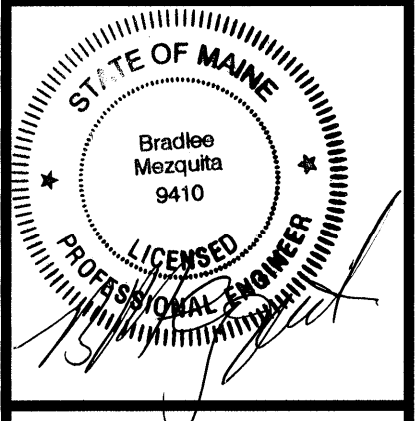
1. CONTRACTOR TO COORDINATE WITH ELECTRICAL SITE LIGHTING PHOTOMETRICS DRAWINGS FOR LIGHTING FIXTURES, CONDUIT SIZE, LOCATION AND CIRCUITRY PLAN.
2. THE CONTRACTOR SHALL PROVIDE ALL CONDUITS, CONCRETE BASES, WIRING AND INSTALLATION OF ALL LIGHT FIXTURES AND WARRANTEE LABOR.
3. THE CONTRACTOR SHALL PROVIDE INSURANCE AGAINST DAMAGE AND THEFT OF THE FIXTURES UNTIL SUBSTANTIAL COMPLETION INSTALLING THE FIXTURE AND WIRING THE FIXTURES TO THE SITE ELECTRICAL JUNCTION BOX LOCATED ON THE FRONT WALL OF THE BUILDING.



SEWER STRUCTURE TABLE

SMH #	RIM ELEV.	INVERT ELEV.	D.I.P.
SMH #553	46.6'	(1) IN 8" D.I.P.=39.8'	(2) OUT 8" D.I.P.=39.9'
SMH #5691	47.7'	(1) IN 4" D.I.P.=43.1'	(2) IN 8" D.I.P.=43.2'
		(3) IN 4" D.I.P.=43.6'	(4) OUT 8" D.I.P.=42.7'
SMH #6086	46.7'	TANK W/ TWO FORCED LINES	DIRECTION SHOWN ON PLAN
SMH #6174	35.8'	(1) IN 12" CLAY=28.3'	(2) OUT 12" CLAY=28.1'

7/8/08	5/15/08	4/30/08	4/28/08	Date
BLM	BLM	BLM	BLM	Appd
ISSUED FOR APPROVAL	REVISED PER STAFF COMMENTS	REVISED PER STAFF COMMENTS	REVISED PER STAFF COMMENTS	Description
5.	4.	3.	2.	No.
				REVISIONS



DATE: MARCH 3, 2008
 SCALE: AS SHOWN
 DESIGNED BY: CY/BLM
 DRAWN BY: SAM
 APPROVED BY: BLM
 PROJECT NO.: 2256
 FILE NO.: 2256-SITE.dwg

**WESTGATE PLAZA
 CONGRESS STREET
 PORTLAND, MAINE**

Appledore Engineering Inc.
 Please International Tradeport
 15 Rye Street, Suite 305
 Portsmouth, New Hampshire 03801
 (603) 433-8818
 ae@appledoreeng.com