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.

COORDINATE ALL UTILITY WORK WITH APPROPRIATE UTILITY COMPANY.
WATER –PORTLAND WATER DISTRICT – JAMIE PASCHAL (207) 774–5961 EX.3051
SEWER –CITY OF PORTLAND DEPARTMENT OF PUBLIC SERVICES – TODD MERKLE (207) 874–8493
ELECTRIC –CENTRAL MAINE POWER COMPANY – PAUL DUPERRE (207) 828–2882
GAS –NORTHERN UTILITIES – LINDA MURRAY (877) 427–4748
TELEPHONE –FAIRPOINT COMMUNICATIONS – JOHN CAPRIO (207) 797–1842

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 WATER MAIN 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 ABUTTING PROPERTIES THROUGHOUT CONSTRUCTION.

10. CONNECTION TO EXISTING WATER MAIN SHALL BE CONSTRUCTED TO CITY AND PORTLAND WATER DISTRICT STANDARDS. AN INSPECTOR FROM THE PORTLAND WATER DISTRICT SHALL BE PRESENT DURING THE CONNECTION TO THE EXISTING WATER MAIN.

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 DEPARTMENT OF PUBLIC SERVICES.

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 CENTRAL MAINE POWER.

25. CONTRACTOR SHALL PHASE UTILITY CONSTRUCTION, PARTICULARLY WATER MAIN AND GAS MAIN CONSTRUCTION AS TO MAINTAIN CONTINUOUS SERVICE TO ABUTTING PROPERTIES. CONTRACTOR SHALL COORDINATE TEMPORARY SERVICES TO ABUTTERS WITH THE UTILITY COMPANY AND AFFECTED ABUTTER.

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 5' OF THE FOUNDATION WALLS UNLESS OTHERWISE NOTED.

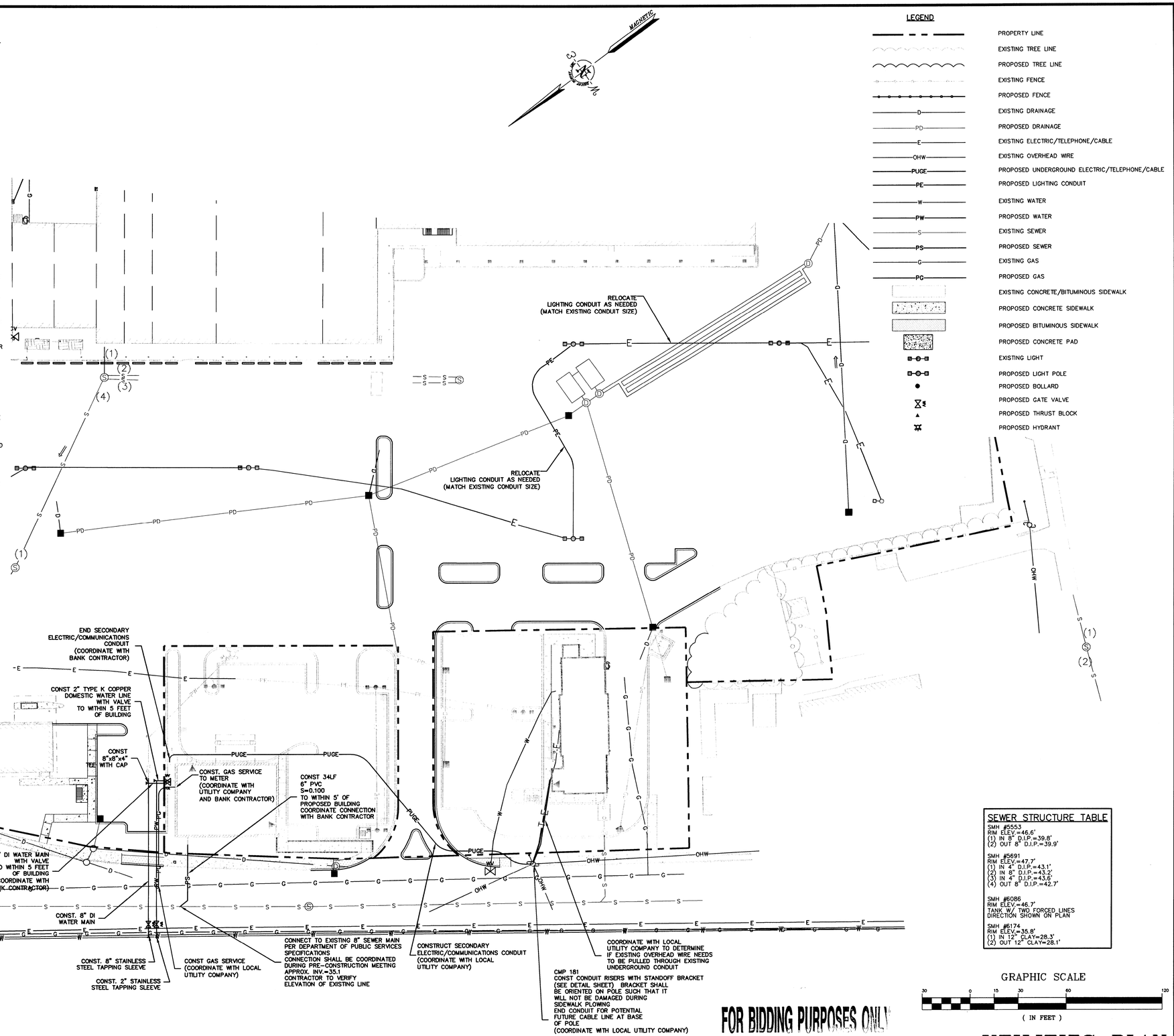
28. UTILITY INFORMATION WITHIN CONGRESS STREET TAKEN FROM PLAN PROVIDED BY CITY OF PORTLAND DPW ENGINEERING ARCHIVES VAULT.

29. ALL WATER LINES SHALL HAVE A MINIMUM OF 5' OF COVER.

30. CONTRACTOR SHALL COORDINATE WITH PORTLAND WATER DISTRICT TO SCHEDULE INSPECTION DURING THE TAPPING OF THE MAIN WATER LINE IN CONGRESS STREET.

31. CONTRACTOR SHALL COORDINATE WITH PORTLAND DEPARTMENT OF PUBLIC SERVICES TO SCHEDULE INSPECTION DURING THE TAPPING OF THE MAIN SEWER LINE IN CONGRESS STREET. A REPRESENTATIVE FROM THE PORTLAND DEPARTMENT OF PUBLIC SERVICES SHALL BE PRESENT AT THE PRE–CONSTRUCTION MEETING TO ADDRESS PROPOSED SEWER CONNECTION. CONNECTION AND SEWER WORK WITHIN THE CITY ROW SHALL BE DONE BY A LICENSED CONTRACTOR.

32. CONTRACTOR SHALL COORDINATE WITH NORTHERN UTILITIES TO SCHEDULE INSPECTION DURING THE TAPING OF THE MAIN GAS LINE IN CONGRESS STREET.



LEGEND

- PROPERTY LINE
- EXISTING TREE LINE
- PROPOSED TREE LINE
- EXISTING FENCE
- PROPOSED FENCE
- D — EXISTING DRAINAGE
- PD — PROPOSED DRAINAGE
- E — EXISTING ELECTRIC/TELEPHONE/CABLE
- OHW — EXISTING OVERHEAD WIRE
- PUGE — PROPOSED UNDERGROUND ELECTRIC/TELEPHONE/CABLE
- PE — PROPOSED LIGHTING CONDUIT
- W — EXISTING WATER
- PW — PROPOSED WATER
- S — EXISTING SEWER
- PS — PROPOSED SEWER
- G — EXISTING GAS
- PG — PROPOSED GAS
- EXISTING CONCRETE/BITUMINOUS SIDEWALK
- PROPOSED CONCRETE SIDEWALK
- PROPOSED BITUMINOUS SIDEWALK
- PROPOSED CONCRETE PAD
- EXISTING LIGHT
- PROPOSED LIGHT POLE
- PROPOSED BOLLARD
- PROPOSED GATE VALVE
- PROPOSED THRUST BLOCK
- PROPOSED HYDRANT

SEWER STRUCTURE TABLE

SMH #5553
RIM ELEV.=46.6'
(1) IN 8" D.I.P.=39.8'
(2) OUT 8" D.I.P.=39.9'

SMH #5691
RIM ELEV.=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
RIM ELEV.=46.7'
TANK W/ TWO FORCED LINES
DIRECTION SHOWN ON PLAN

SMH #6174
RIM ELEV.=35.8'
(1) IN 12" CLAY=28.3'
(2) OUT 12" CLAY=28.1'

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)

FOR BIDDING PURPOSES ONLY

UTILITIES PLAN

C–5

No.	Description	Appd	Date
	REVISIONS		

DATE: JUNE 6, 2008
SCALE: AS SHOWN
DESIGNED BY: GY/BLM
DRAWN BY: SAM/KAM
APPROVED BY: BLM
PROJECT NO: 2256
FILE NO: 2256–CONST.DWG

WESTGATE PLAZA
CONGRESS STREET
PORTLAND, MAINE

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