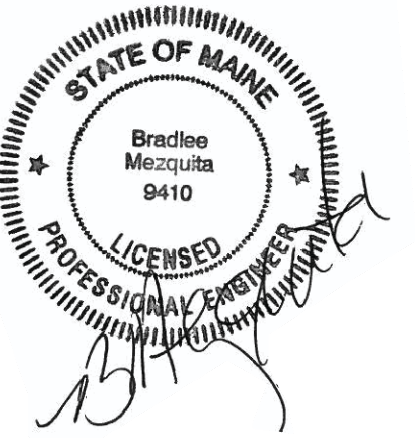
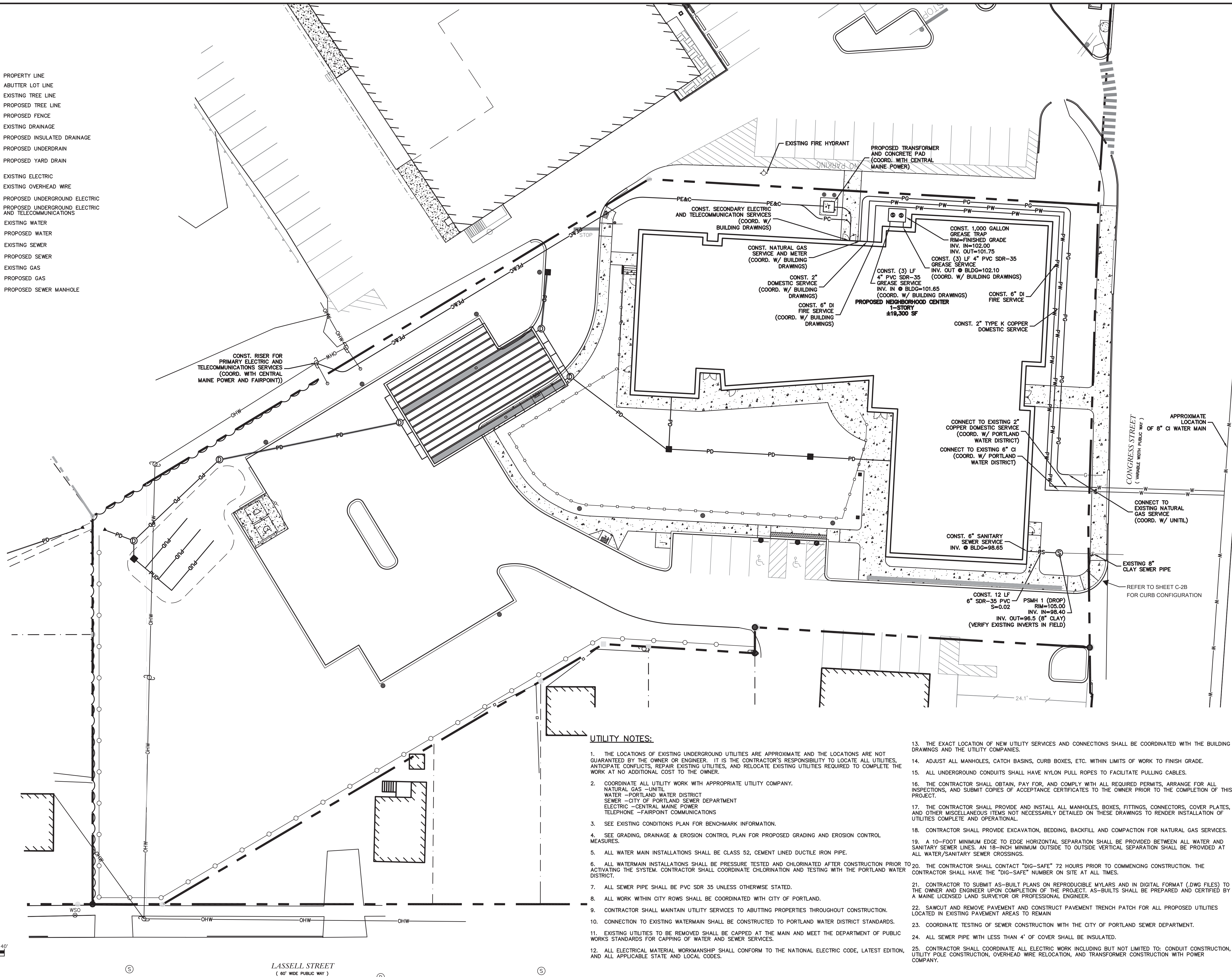


**LEGEND**

- PROPERTY LINE
- - - ABUTTER LOT LINE
- ~ ~ ~ EXISTING TREE LINE
- ~ ~ ~ PROPOSED TREE LINE
- - - PROPOSED FENCE
- EXISTING DRAINAGE
- PD PROPOSED INSULATED DRAINAGE
- PUD PROPOSED UNDERDRAIN
- PROPOSED YARD DRAIN
- E EXISTING ELECTRIC
- OHW EXISTING OVERHEAD WIRE
- PUGE PROPOSED UNDERGROUND ELECTRIC
- PE&C PROPOSED UNDERGROUND ELECTRIC AND TELECOMMUNICATIONS
- W EXISTING WATER
- PW PROPOSED WATER
- S EXISTING SEWER
- PS PROPOSED SEWER
- G EXISTING GAS
- PG PROPOSED GAS
- ⊙ PROPOSED SEWER MANHOLE



**Jewish Community Alliance of Southern Maine**

**Proposed Neighborhood Center**  
Portland, Maine

**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.  
NATURAL GAS - UNITIL  
WATER - PORTLAND WATER DISTRICT  
SEWER - CITY OF PORTLAND SEWER DEPARTMENT  
ELECTRIC - CENTRAL MAINE POWER  
TELEPHONE - FAIRPOINT COMMUNICATIONS
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 ABUTTING PROPERTIES THROUGHOUT CONSTRUCTION.
10. CONNECTION TO EXISTING WATERMAIN SHALL BE CONSTRUCTED TO PORTLAND WATER DISTRICT STANDARDS.
11. EXISTING UTILITIES TO BE REMOVED SHALL BE CAPPED AT THE MAIN AND MEET THE DEPARTMENT OF PUBLIC WORKS STANDARDS FOR CAPPING OF WATER AND SEWER SERVICES.
12. ALL ELECTRICAL MATERIAL WORKMANSHIP SHALL CONFORM TO THE NATIONAL ELECTRIC CODE, LATEST EDITION, AND ALL APPLICABLE STATE AND LOCAL CODES.
13. THE EXACT LOCATION OF NEW UTILITY SERVICES AND CONNECTIONS SHALL BE COORDINATED WITH THE BUILDING DRAWINGS AND THE UTILITY COMPANIES.
14. ADJUST ALL MANHOLES, CATCH BASINS, CURB BOXES, ETC. WITHIN LIMITS OF WORK TO FINISH GRADE.
15. ALL UNDERGROUND CONDUITS SHALL HAVE NYLON PULL ROPES TO FACILITATE PULLING CABLES.
16. 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.
17. 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.
18. CONTRACTOR SHALL PROVIDE EXCAVATION, BEDDING, BACKFILL AND COMPACTION FOR NATURAL GAS SERVICES.
19. 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.
20. 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.
21. CONTRACTOR TO SUBMIT AS-BUILT PLANS ON REPRODUCIBLE MYLARS AND IN DIGITAL FORMAT (.DWG FILES) TO THE OWNER AND ENGINEER UPON COMPLETION OF THE PROJECT. AS-BUILTS SHALL BE PREPARED AND CERTIFIED BY A MAINE LICENSED LAND SURVEYOR OR PROFESSIONAL ENGINEER.
22. SAWCUT AND REMOVE PAVEMENT AND CONSTRUCT PAVEMENT TRENCH PATCH FOR ALL PROPOSED UTILITIES LOCATED IN EXISTING PAVEMENT AREAS TO REMAIN
23. COORDINATE TESTING OF SEWER CONSTRUCTION WITH THE CITY OF PORTLAND SEWER DEPARTMENT.
24. ALL SEWER PIPE WITH LESS THAN 4' OF COVER SHALL BE INSULATED.
25. CONTRACTOR SHALL COORDINATE ALL ELECTRIC WORK INCLUDING BUT NOT LIMITED TO: CONDUIT CONSTRUCTION, UTILITY POLE CONSTRUCTION, OVERHEAD WIRE RELOCATION, AND TRANSFORMER CONSTRUCTION WITH POWER COMPANY.

July 11, 2016

PROJECT NO:	J-0096
FILE:	J0094-SITE.dwg
DRAWN BY:	GWH
CHECKED:	BLM
APPROVED BY:	BLM

UTILITIES PLAN  
SCALE: AS SHOWN

Jun 23, 2016 9:02pm Plotted By: gwh  
 Tighe & Bond, Inc. C:\Users\gwh\Documents\Tighe & Bond\CAD\DESIGN\J0094-SITE.dwg Layout: UTIL