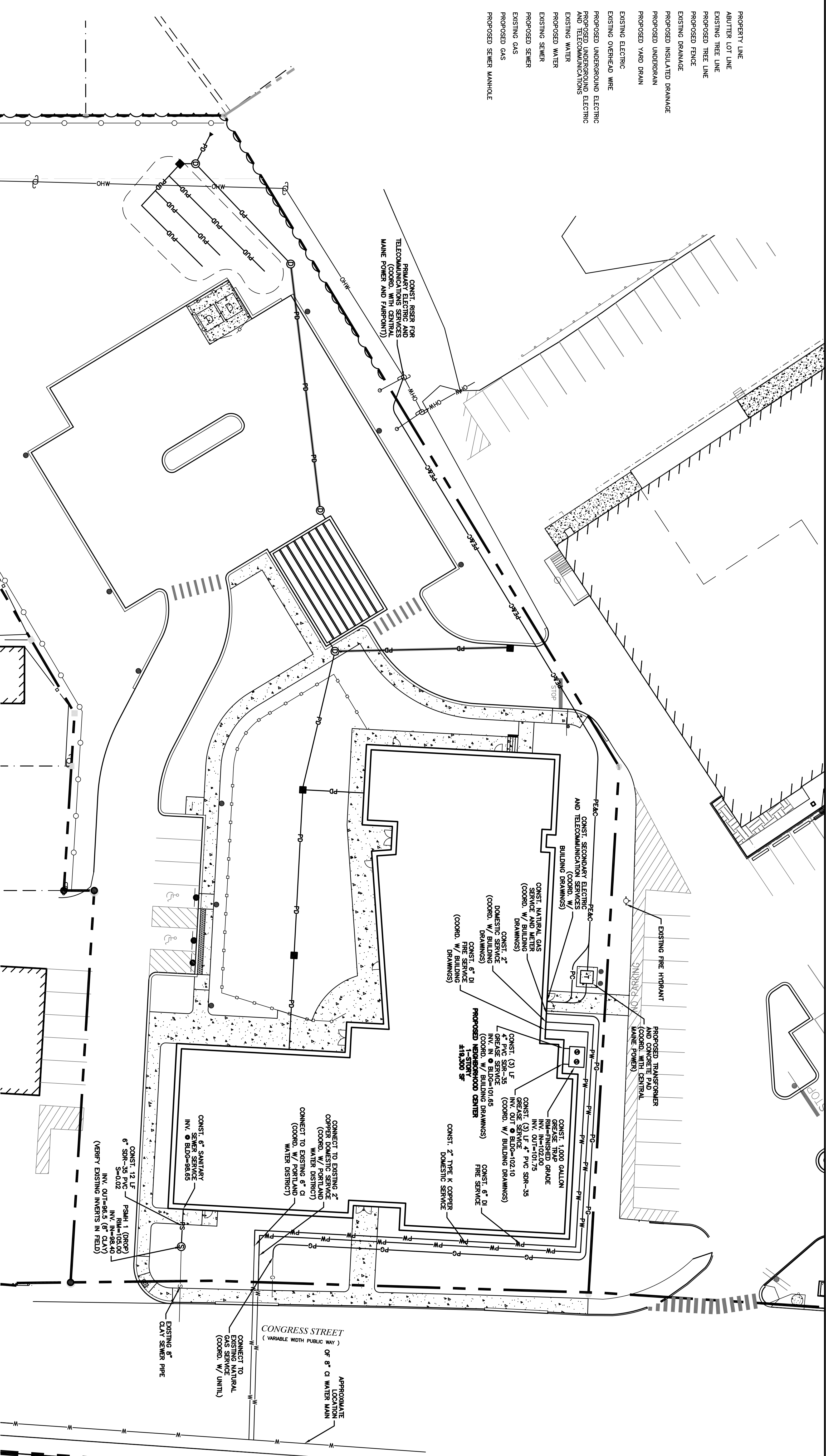


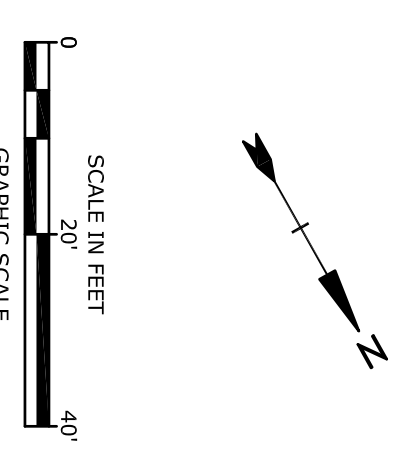
**LEGEND**

- PROPERTY LINE
- - - ABUTTER LOT LINE
- ~ ~ ~ EXISTING TREE LINE
- ~ ~ ~ PROPOSED TREE LINE
- - - PROPOSED FENCE
- - - EXISTING DRAINAGE
- - - PROPOSED INSULATED DRAINAGE
- - - PROPOSED UNDERDRAIN
- - - PROPOSED YARD DRAIN
- EXISTING ELECTRIC
- OHW— EXISTING OVERHEAD WIRE
- PU— PROPOSED UNDERGROUND ELECTRIC AND TELECOMMUNICATIONS
- PW— PROPOSED WATER
- PS— EXISTING SEWER
- C— EXISTING GAS
- PC— PROPOSED GAS
- ⊙ PROPOSED SEWER MANHOLE



**UTILITY NOTES:**

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND THE LOCATIONS ARE NOT GUARANTEED BY THE OWNER OR ENGINEER. THE CONTRACTOR'S RESPONSIBILITY IS TO LOCATE ALL UTILITIES AND PROVIDE THE NECESSARY RECORDS AND RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ANY ADDITIONAL WORK AT NO ADDITIONAL COST TO THE OWNER.
2. COORDINATE ALL UTILITY WORK WITH APPROPRIATE UTILITY COMPANIES:  
 WATER - PORTLAND WATER DISTRICT  
 SEWER - CITY OF PORTLAND SEWER DEPARTMENT  
 ELECTRIC - 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 CHROMIATED AFTER CONSTRUCTION PRIOR TO ACTIVATING THE SYSTEM. CONTRACTOR SHALL COORDINATE CHROMIATION 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 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 ELECTRICAL 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, ASSESSMENT 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 REMEDY INSTALLATION OF UTILITIES COMPLETE AND OPERATIONAL.
18. CONTRACTOR SHALL PROVIDE EXCAVATION, BEDDING, BACKFILL AND COMPACTION FOR NATURAL GAS SERVICES.
19. A 10'-0" DEEP MINIMUM EDGE TO EDGE HORIZONTAL SEPARATION SHALL BE PROVIDED BETWEEN ALL WATER AND SANITARY SERVICES AND ALL WATER MAINS AND SANITARY SEWER CROSSINGS.
20. THE CONTRACTOR SHALL HAVE THE DOW-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 LICENSED LAND SURVEYOR OR PROFESSIONAL ENGINEER.
22. SAW CUT 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, UNDERGROUND CONSTRUCTION, OVERHEAD WIRE RELOCATION, AND TRANSFORMER CONSTRUCTION WITH POWER COMPANY.



**Tighe & Bond**  
 Consulting Engineers  
 www.tighebond.com

**Jewish Community Alliance of Southern Maine**  
 Proposed Neighborhood Center  
 Portland, Maine

April 03, 2015

| Mark | Date | Description |
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PROJECT NO.: J0094-SITE.dwg  
 FILE: J0094-SITE.dwg  
 DRAWN BY: GWH  
 CHECKED: BLM  
 APPROVED BY: BLM

UTILITIES PLAN

SCALE: AS SHOWN

C-4