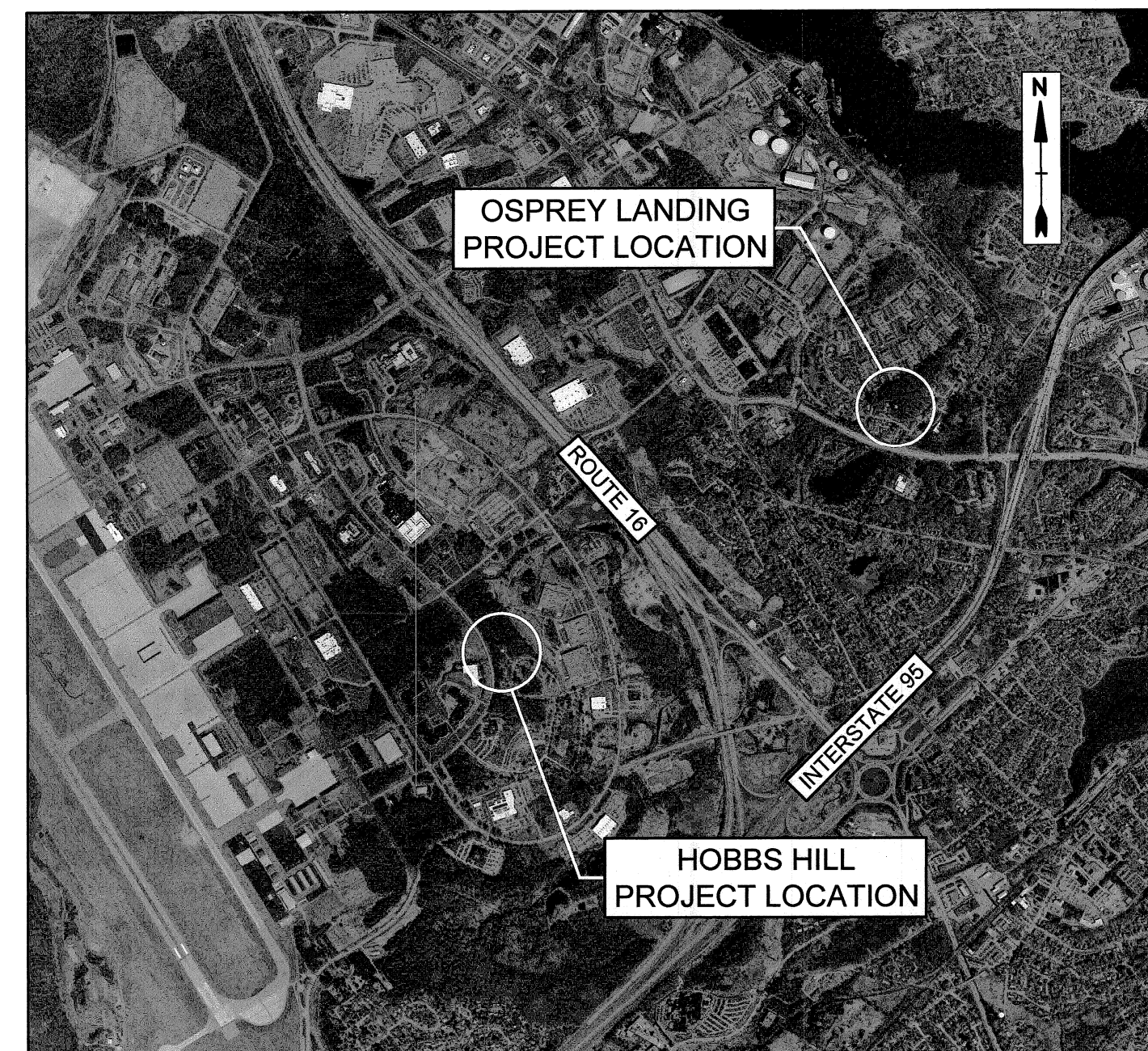


CITY OF PORTSMOUTH HOBBS HILL WATER TANK AND OSPREY LANDING WATER TANK DEMOLITION PORTSMOUTH, NEW HAMPSHIRE

**AUGUST 2016
BID NO. 06-17**

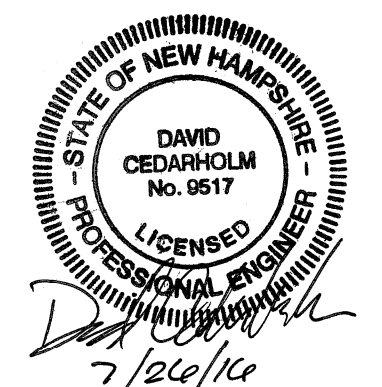
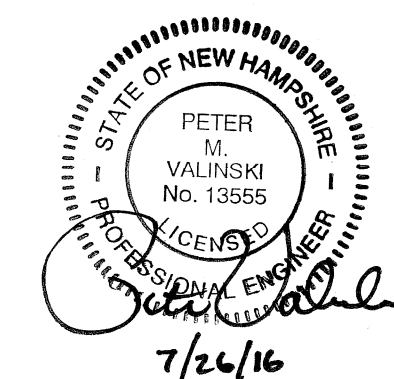
SHEET NO.	TITLE	DATE
	COVER SHEET	08/01/16
1	DEMOLITION PLAN - EXISTING HOBBS HILL TANK	08/01/16
2	DEMOLITION PLAN - EXISTING OSPREY LANDING TANK	08/01/16



SCALE: 1:2000

**CITY OF PORTSMOUTH
DEPARTMENT OF PUBLIC WORKS
680 PEVERLY HILL ROAD
PORTSMOUTH, NEW HAMPSHIRE 03801**

Tighe & Bond
Consulting Engineers
177 Corporate Drive
Portsmouth, NH 03801



**FOR BIDDING
COMPLETE SET 3 SHEETS**

GENERAL NOTES:

1. SCANNED IMAGES BASED ON DRAWINGS PROVIDED BY THE CITY OF PORTSMOUTH, NH.
2. UTILITIES AND APPURTENANCES AS SHOWN ON THESE DRAWINGS ARE FOR REFERENCE ONLY, AND THE EXACT SIZE, TYPE, LOCATION AND ELEVATION SHALL BE THOROUGHLY INVESTIGATED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
3. FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. IF FIELD CONDITIONS ARE OBSERVED THAT VARY SIGNIFICANTLY FROM THOSE SHOWN ON THE DRAWINGS, IMMEDIATELY NOTIFY THE ENGINEER IN WRITING FOR RESOLUTION OF THE CONFLICTING INFORMATION.
4. BOLD TEXT AND LINES INDICATE PROPOSED WORK.
5. LIGHT TEXT AND LINES INDICATE EXISTING CONDITIONS.
6. STORAGE OF FUEL, OIL, PAINT, OR OTHER POTENTIALLY HARMFUL MATERIALS IS NOT PERMITTED ON SITE.
7. PROVIDE A SUPPLY OF ABSORBENT SPILL RESPONSE MATERIALS, SUCH AS BOOMS OR BLANKETS, AT THE CONSTRUCTION SITE AT ALL TIMES TO CLEAN UP POTENTIAL SPILLS OF POTENTIALLY HARMFUL MATERIALS.
8. IMMEDIATELY REPORT SPILLS OF HAZARDOUS MATERIALS TO THE NH DEPARTMENT OF ENVIRONMENTAL SERVICES SPILL RESPONSE AT (603) 271-3899 OR AFTER HOURS (603) 223-4381.
9. NOTIFY THE OWNER AND THE ENGINEER OF ANY STORM, SANITARY, OR OTHER PIPE DISCOVERED DURING CONSTRUCTION THAT IS NOT SHOWN ON THE DRAWINGS.
10. SEE APPENDIX A OF THE SPECIFICATIONS FOR EXISTING TANK MANUFACTURER'S DRAWINGS AND PAINT TEST RESULTS.
11. RESTORE VEGETATED AREAS DISTURBED DURING DEMOLITION ACTIVITIES (SECTION 02920).

DEMOLITION NOTES:

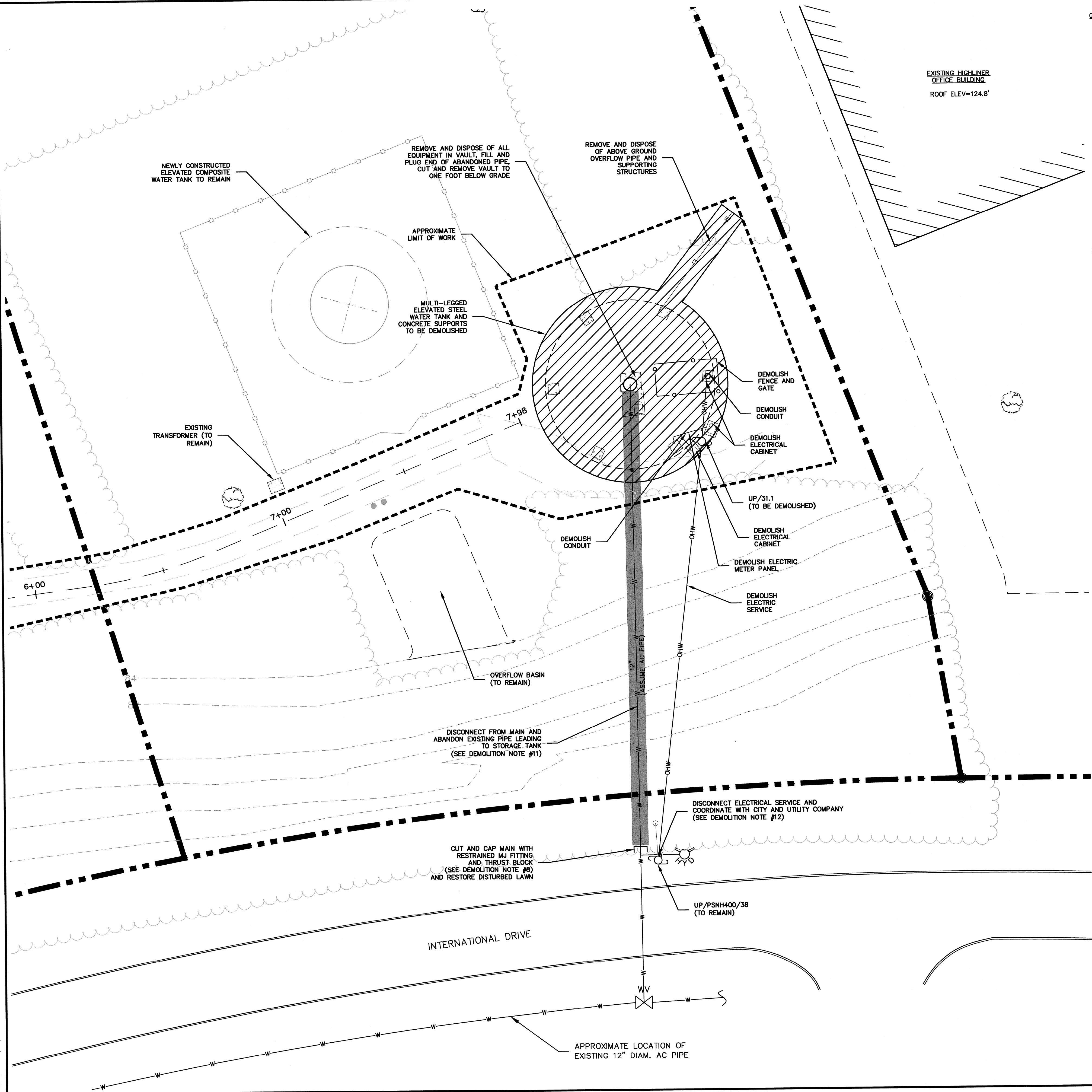
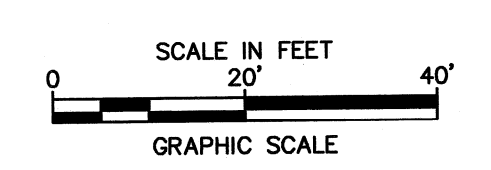
1. THE EXISTING TANK HAS AN APPROXIMATE EXTERNAL DIAMETER OF 55 FEET AND AN APPROXIMATE SHELL HEIGHT OF 147 FEET. THE TANK WAS CONSTRUCTED OF WELDED STEEL PLATES. THICKNESS VARIES BY HEIGHT. REFER TO APPENDIX A OF THE SPECIFICATIONS FOR INFORMATION ON EXISTING TANK.
2. OWNER SHALL BE RESPONSIBLE FOR DRAINING TANK PRIOR TO DEMOLITION WORK.
3. CONTRACTOR SHALL PROPERLY DISPOSE OF ANY SEDIMENT IN TANK PRIOR TO DEMOLITION WORK PER STATE AND FEDERAL REGULATIONS. PROVIDE NECESSARY DOCUMENTATION INCLUDING MANIFESTS, RESIDUALS SHIPPING SLIPS, AND RESIDUALS DISPOSAL CERTIFICATES FROM THE RECEIVING FACILITY.
4. CONTRACTOR SHALL TAKE REASONABLE CARE TO AVOID DAMAGE TO ITEMS TO BE RETAINED BY OWNER AND SHALL NOT CHARGE MORE FOR REMOVAL OF SALVAGEABLE ITEMS.
5. PROMPTLY REMOVE ANY DEMOLITION MATERIALS FROM SITE. STOCKPILING DEMOLITION DEBRIS WILL NOT BE ALLOWED. REPAIR AND/OR REPLACE EXISTING FACILITIES THAT ARE DAMAGED.
6. PROTECT EXISTING WATER, PIPING, VALVES, VALVE BOXES, ELECTRICAL, COMMUNICATION AND DRAINAGE STRUCTURES AND NEW COMPOSITE WATER TANK DURING DEMOLITION ACTIVITIES.
7. PHOTOS ARE FOR VISUAL PURPOSES ONLY. REFER TO DRAWING FOR LIMIT OF DEMOLITION ACTIVITY.
8. PERFORM TEST PIT TO CONFIRM PIPE TYPE AND DIAMETER AS PART OF PAYMENT ITEM 3. SUBMIT FOR REVIEW AND APPROVAL PROPOSED MECHANICAL JOINT (MJ) AND THRUST BLOCK.
9. REMOVE EXISTING STORAGE TANK CONCRETE FOUNDATIONS AND VAULT TO A MINIMUM ONE FOOT BELOW GRADE.
10. PROTECT EXISTING INSTRUMENTATION, STRUCTURES, EXISTING SITE PIPING AND UTILITIES DURING CONSTRUCTION ACTIVITIES. COORDINATE REMOVAL OF TRANSFORMERS WITH EQUIPMENT OWNER.
11. EXISTING PIPE LEADING TO STORAGE TANK IS TO BE ABANDONED IN PLACE IN ACCORDANCE WITH SECTION 02280.
12. ELECTRICAL CABINETS, METER AND METER PANEL, WIRES, CONDUIT, UP/31.1, AND ELECTRICAL SERVICE BETWEEN UP/31.1 AND UP/PSNH 400/38 SHALL BE DISCONNECTED BY CONTRACTOR IN COORDINATION WITH EQUIPMENT OWNERS AND UTILITY COMPANIES. ALL ELECTRICAL EQUIPMENT AND APPURTENANCES REMAINING AFTER CONTRACT EXECUTION SHALL BECOME THE RESPONSIBILITY OF THE DEMOLITION CONTRACTOR TO REMOVE AND DISPOSE OF.
13. ACCOMPLISH ALL EXCAVATIONS AND DEMOLITION SO THAT ABOVE GROUND AND UNDERGROUND UTILITIES OR STRUCTURES NOT INTENDED FOR DEMOLITION OR ABANDONMENT ARE NOT DAMAGED. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE INCURRED DURING PROJECT ACTIVITIES, AND THE REPAIR OF ANY DAMAGES AT NO COST TO THE OWNER.
14. CONTRACTOR SHALL TAKE NOTICE THAT THE TANK COATINGS MAY CONTAIN CONCENTRATIONS OF METALS OR OTHER SUBSTANCES THAT POSE A RISK TO THE ENVIRONMENT OR WORKERS IF ALLOWED TO BE RELEASED. CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE SITE, NEARBY PROPERTIES, THE PUBLIC AND WORKERS FROM THE RELEASE OF PAINT PARTICLES DURING DEMOLITION AND IS RESPONSIBLE FOR ANY CLEANUP ASSOCIATED WITH THE DEMOLITION ACTIVITIES. SEE APPENDIX A OF THE PROJECT MANUAL FOR TESTING RESULTS AND SOIL SAMPLE LOCATION PLAN.

REFERENCE PLAN:

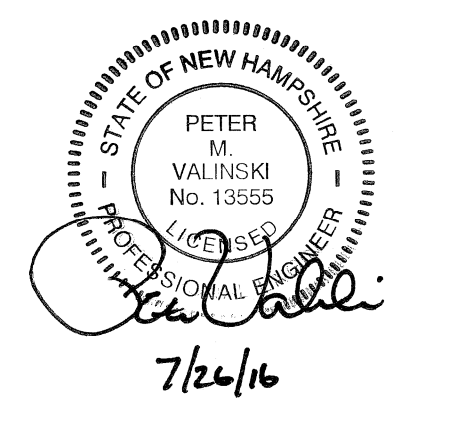
HOBBS HILL WATER TANK REPLACEMENT PORTSMOUTH, NH PREPARED BY TIGHE & BOND, DATED AUGUST 12, 2014.

LEGEND

APPROXIMATE LIMIT OF WORK	---
CHAINLINK FENCE TO REMAIN	—○—○—○—○—
CHAINLINK FENCE TO BE DEMOLISHED	—○—○—○—○—
OVERHEAD WIRE	—OHW—
EXISTING WATER LINE	—W—W—
WATER LINE TO BE ABANDONED	—W—W—
PROPERTY LINE	—●—●—●—●—
LIMIT OF DEMOLITION	▨
CONCRETE	▩



FILENAME: J:\P\0714 CITY OF PORTSMOUTH - HOBBS HILL WATER TANK\DEMOLITION\SPCS\PLANS\HOBBS HILL\DWG\DESIGN\0714-1_DEMO_HOBBS.DWG
 SAVE DATE: 7/26/2016 9:06 AM
 PLOT DATE: 7/26/2016 9:07 AM



City of Portsmouth
Hobbs Hill Water Tank and Osprey Landing Water Tank Demolition
Portsmouth, New Hampshire

August 2016

Mark	Date	Description

PROJECT NO: P-0714
 FILE: P0714-1_DEMO_HOBBS.dwg
 DRAWN BY: ARS
 CHECKED: DC
 APPROVED BY: PMV

DEMOLITION PLAN - MULTI-LEGGED HOBBS HILL TANK

SCALE: AS SHOWN

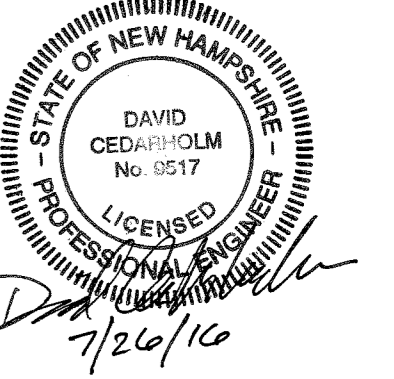
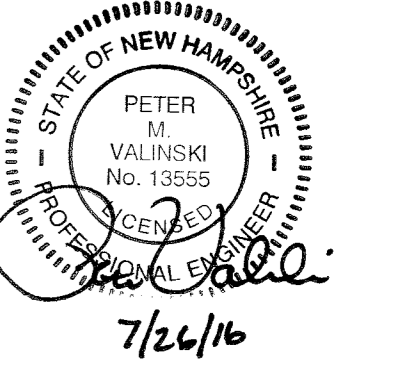
SHEET 1

GENERAL NOTES:

1. SCANNED IMAGES ARE BASED ON DRAWINGS OF EXISTING STORAGE TANK BY CHICAGO BRIDGE & IRON WORKS, 1924.
2. UTILITIES AND APPURTENANCES AS SHOWN ON THESE DRAWINGS ARE FOR REFERENCE ONLY, AND THE EXACT SIZE, TYPE, LOCATION AND ELEVATION SHALL BE THOROUGHLY INVESTIGATED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
3. FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. IF FIELD CONDITIONS ARE OBSERVED THAT VARY SIGNIFICANTLY FROM THOSE SHOWN ON THE DRAWINGS, IMMEDIATELY NOTIFY THE ENGINEER IN WRITING FOR RESOLUTION OF THE CONFLICTING INFORMATION.
4. BOLD TEXT AND LINES INDICATE PROPOSED WORK.
5. LIGHT TEXT AND LINES INDICATE EXISTING CONDITIONS.
6. PROVIDE A SUPPLY OF ABSORBENT SPILL RESPONSE MATERIALS, SUCH AS BOOMS OR BLANKETS, AT THE CONSTRUCTION SITE AT ALL TIMES TO CLEAN UP POTENTIAL SPILLS OF POTENTIALLY HARMFUL MATERIALS.
7. IMMEDIATELY REPORT SPILLS OF HAZARDOUS MATERIALS TO THE CT DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND CHEMICAL SPILLS UNIT AT 860-566-3338.
8. NOTIFY THE OWNER AND THE ENGINEER OF ANY STORM, SANITARY, OR OTHER PIPE DISCOVERED DURING CONSTRUCTION THAT IS NOT SHOWN ON THE DRAWINGS.
9. SEE APPENDIX A OF THE SPECIFICATIONS FOR EXISTING TANK MANUFACTURER'S DRAWINGS AND PAINT TEST RESULTS.
10. STORAGE OF FUEL, OIL, PAINT, OR OTHER POTENTIALLY HARMFUL MATERIALS IS NOT PERMITTED ON SITE.
11. COPY OF ACCESS EASEMENT IS PROVIDED IN APPENDIX A.
12. RESTORE VEGETATED AREAS DISTURBED DURING DEMOLITION ACTIVITIES (SECTION 02920).
13. RESTORE DISTURBED SIDEWALKS, CURBING AND PAVEMENT TO MATCH EXISTING. PAVEMENT SHALL BE SAWCUT AND REPLACED WITH MINIMUM 2 1/2" THICK BASE COURSE ASPHALT MIX AND MINIMUM 1 1/2" THICK WEARING COURSE ASPHALT MIX.

DEMOLITION NOTES:

1. THE EXISTING TANK HAS AN EXTERNAL DIAMETER OF 38 FEET AND A SHELL HEIGHT OF 70 FEET. THE TANK IS CONSTRUCTED OF RIVETED STEEL PLATES, THICKNESS MAY VARY BY HEIGHT. REFER TO APPENDIX A OF THE SPECIFICATIONS FOR TANK CONSTRUCTION RECORD PLANS.
2. OWNER SHALL BE RESPONSIBLE FOR DRAINING TANK PRIOR TO DEMOLITION WORK.
3. CONTRACTOR SHALL PROPERLY DISPOSE OF ANY SEDIMENT IN TANK PRIOR TO DEMOLITION WORK.
4. PROMPTLY REMOVE DEMOLITION MATERIALS FROM SITE. STOCKPILING DEMOLITION DEBRIS ON SITE WILL NOT BE ALLOWED.
5. PROTECT ANY EXISTING VALVES, VALVE VAULTS AND DRAINAGE STRUCTURES NOT INTENDED FOR DEMOLITION DURING DEMOLITION ACTIVITIES.
6. PHOTOS ARE FOR VISUAL PURPOSES ONLY. REFER TO DRAWING FOR LIMIT OF DEMOLITION ACTIVITY.
7. PROTECT EXISTING RESIDENTIAL PROPERTY, SITE PIPING AND UTILITIES NOT INTENDED FOR DEMOLITION DURING CONSTRUCTION ACTIVITIES. REPAIR AND/OR REPLACE EXISTING FACILITIES THAT ARE DAMAGED.
8. PERFORM TEST FIT TO CONFIRM PIPE TYPE AND DIAMETER AS PART OF PAYMENT ITEM 5. SUBMIT FOR REVIEW AND APPROVAL PROPOSED MECHANICAL JOINT (M.J) AND THRUST BLOCK.
9. REMOVE EXISTING STORAGE TANK CONCRETE FOUNDATIONS AND VAULT TO A MINIMUM ONE FOOT BELOW GRADE.
10. CONTRACTOR SHALL TAKE NOTICE THAT THE TANK COATINGS MAY CONTAIN CONCENTRATIONS OF METALS OR OTHER SUBSTANCES THAT POSE A RISK TO THE ENVIRONMENT OR WORKERS IF ALLOWED TO BE RELEASED. CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE SITE, NEARBY PROPERTIES, THE PUBLIC AND WORKERS FROM THE RELEASE OF PAINT PARTICLES DURING DEMOLITION AND IS RESPONSIBLE FOR ANY CLEANUP ASSOCIATED WITH THE DEMOLITION ACTIVITIES. SEE APPENDIX A OF THE PROJECT MANUAL FOR TESTING RESULTS AND SOIL SAMPLE LOCATION PLAN.
11. EXISTING ASBESTOS CEMENT (AC) PIPE LEADING TO STORAGE TANK IS TO BE DISCONNECTED FROM MAIN AND ABANDONED IN PLACE IN ACCORDANCE WITH SECTION 02280.
12. ELECTRICAL CABINET, METER, WIRES, CONDUIT AND ASSOCIATED ELECTRICAL APPURTENANCES REMAINING AFTER CONTRACT EXECUTION SHALL BECOME THE DEMOLITION CONTRACTOR'S RESPONSIBILITY TO REMOVE AND DISPOSE OF. COORDINATE WITH OWNER AND UTILITY COMPANY TO DISCONNECT ELECTRICAL SERVICE.
13. ACCOMPLISH ALL EXCAVATIONS AND DEMOLITION SO THAT ABOVE GROUND AND UNDERGROUND UTILITIES OR STRUCTURES NOT INTENDED FOR DEMOLITION OR ABANDONMENT ARE NOT DAMAGED. CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE INCURRED DURING PROJECT ACTIVITIES, AND THE REPAIR OF ANY DAMAGES AT NO COST TO THE OWNER.



City of Portsmouth

Hobbs Hill Water Tank and Osprey Landing Water Tank Demolition

Portsmouth, New Hampshire

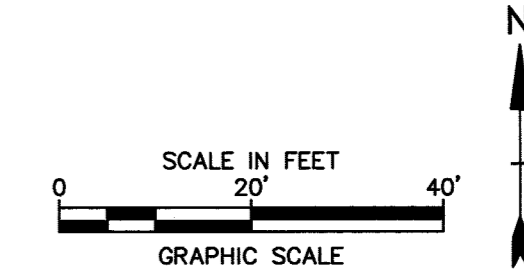
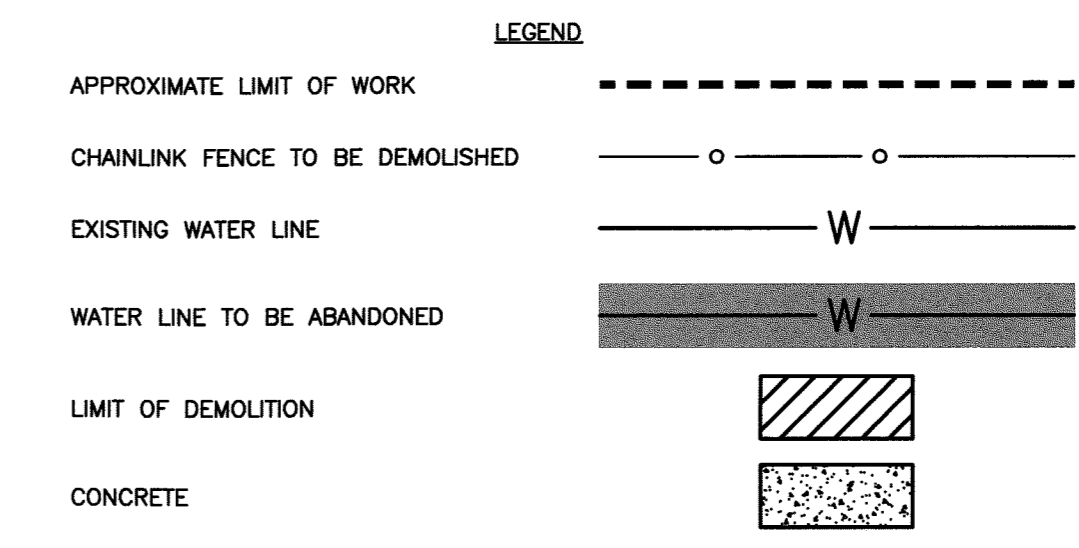
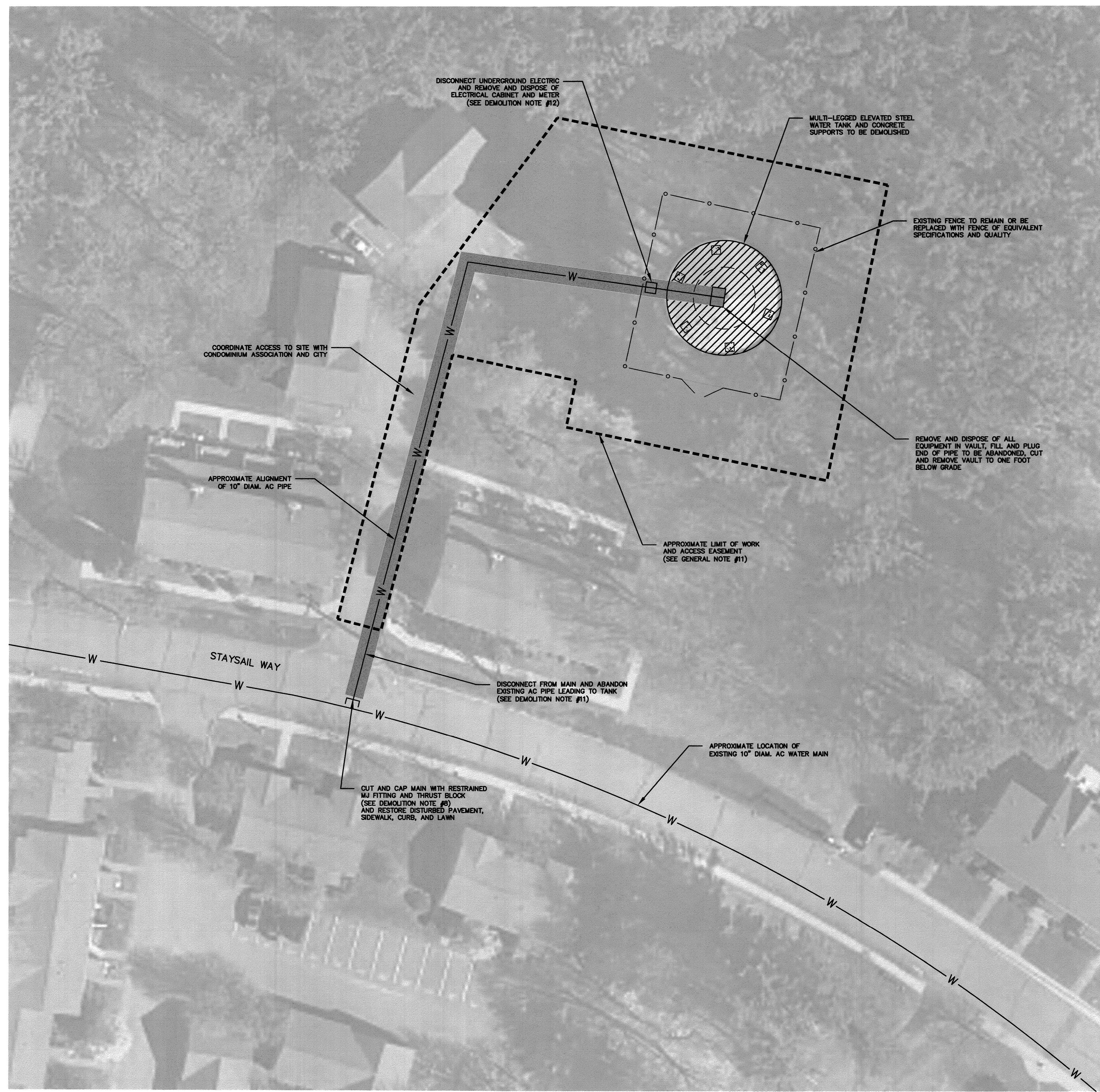
August 2016

Mark	Date	Description
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FILE:	P0714-1_DEMO_OSPREY.dwg	
DRAWN BY:	CML	
CHECKED:	WJD	
APPROVED BY:	WJD	

DEMOLITION PLAN - OSPREY LANDING TANK

SCALE: AS SHOWN

SHEET 2



FILENAME: \\P:\P0714 CITY OF PORTSMOUTH - HOBBS HILL WATER TANK\DEMOLITION\SECS\PLANS\OSPREY\DWG\DESIGN\0714-1_DEMO_OSPREY.DWG
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 PLOT DATE: 7/26/2016 10:17 AM