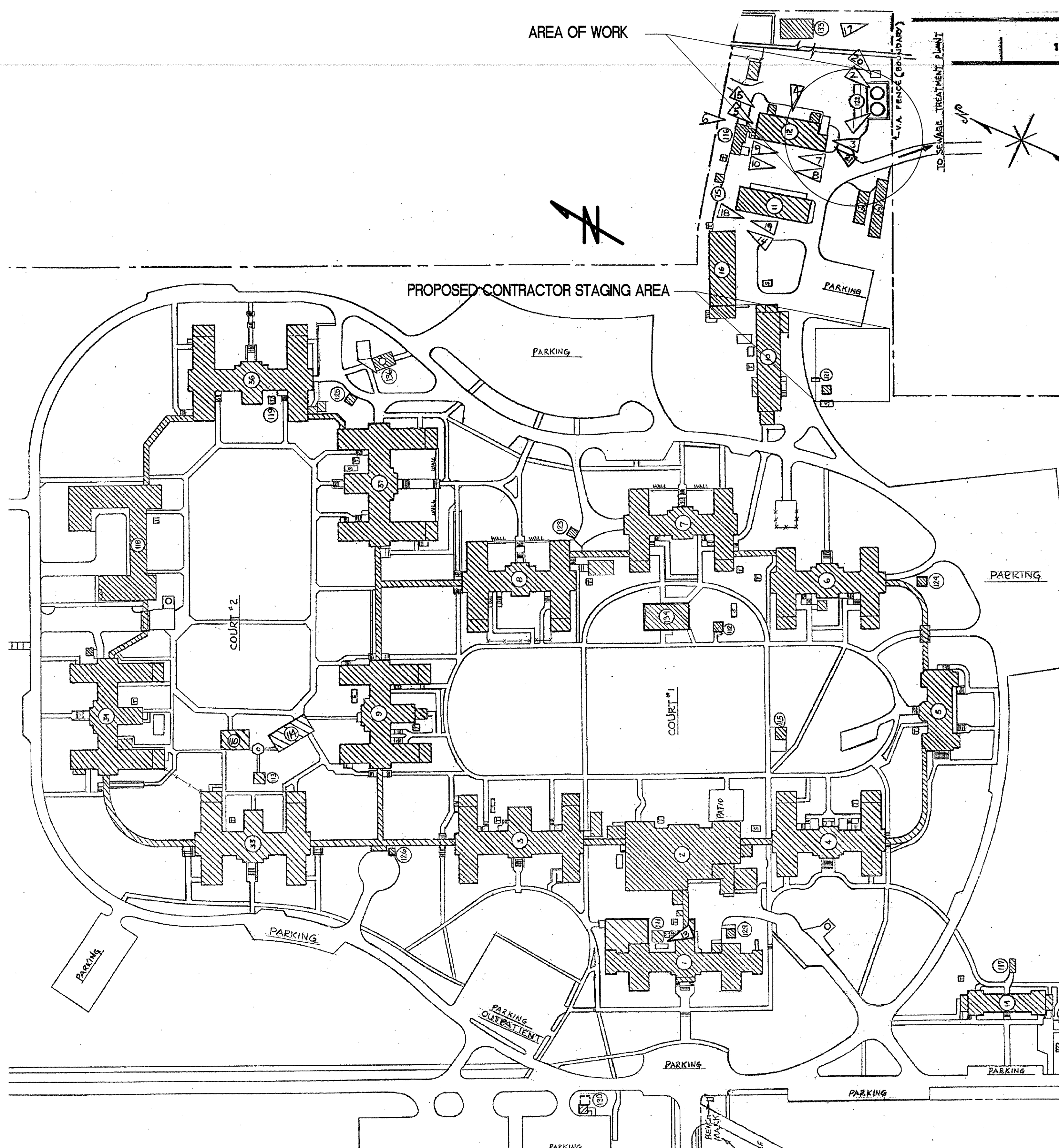


three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



DRAWING LIST

- GH-1 TITLE SHEET, GENERAL NOTES AND KEY PLAN
- HD-1 DEMOLITION - SITE PLAN
- HS-1 SITE PLAN
- HP-1 ELEVATIONS, DETAILS AND SCHEDULES
- ES-1 ELECTRICAL SITE PLAN
- EP-1 ELECTRICAL PARTIAL PLANS

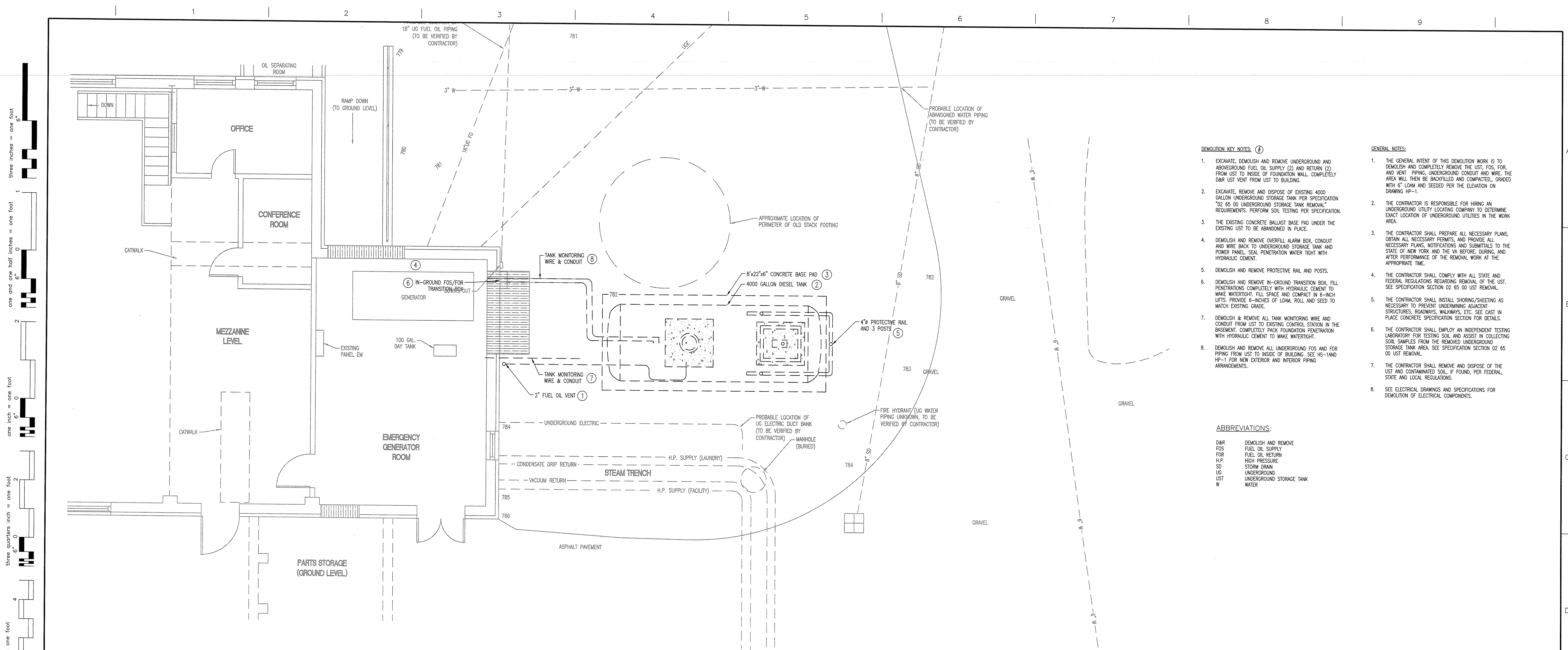
KEY PLAN  
NTS

GENERAL NOTES:

- THESE PLANS HAVE BEEN PREPARED USING THE MOST ACCURATE INFORMATION AND DATA AVAILABLE AT THE TIME OF PREPARATION. FIELD CONDITIONS MAY BE ENCOUNTERED DURING CONSTRUCTION WHICH VARIES FROM THOSE DEPICTED HEREIN. AS SUCH, THESE PLANS SHOULD BE USED AS A CONSTRUCTION CONTROL REFERENCE, NOT A PRECISE CONSTRUCTION DOCUMENT. MODIFICATIONS TO THE IMPROVEMENTS AS SHOWN MAY BE REQUIRED BASED ON FIELD CONDITIONS AT THE TIME OF CONSTRUCTION.
- THE KNOWN STRUCTURES, UTILITIES, MANHOLES, PAVEMENTS, FENCES, POLES, AND SIMILAR FEATURES LOCATED ON OR ADJACENT TO THE WORK SITE ARE SHOWN ON THE PLANS. THIS INFORMATION HAS BEEN COMPILED FROM SEVERAL SOURCES AND IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. THIS INFORMATION IS NOT GUARANTEED TO BE COMPLETE OR WITHOUT ERRORS. THE SIZE AND LOCATION OF STRUCTURES AND UTILITIES MAY BE INACCURATE. OTHER OBSTRUCTIONS MAY BE ENCOUNTERED. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF SAME AND FOR ANY RESULTING CONTINGENT DAMAGE OR COSTS.
- THE LOCATION OF UTILITIES AND STRUCTURES SHOWN ARE NOT NECESSARILY CURRENT, COMPLETE, OR CORRECT. THE NOTIFICATION OF AFFECTED UTILITY OWNERS IN ADVANCE OF CONSTRUCTION AND THE EXACT LOCATION AND PROTECTION OF UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR. PROVIDE AND MAINTAIN A SAFE EXCAVATION IN ACCORDANCE WITH OSHA GUIDELINES.
- ALL INSPECTIONS/SITE ASSESSMENTS MUST BE PERFORMED BY A QUALIFIED PROFESSIONAL.
- THE CONTRACTOR AND SUBCONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS INCLUDING EMPLOYEES AND PROPERTY. THE CONTRACTOR SHALL COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 DURING THE CONDUCT AND PERFORMANCE ON AND IN CONNECTION WITH THIS PROJECT. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INITIATE, MAINTAIN, AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR EXERCISING REASONABLE CARE IN OPERATING EQUIPMENT IN THE VICINITY OF UTILITIES, WHETHER OVERHEAD, AT GROUND LEVEL, OR BURIED, AND SHALL SAVE AND HOLD HARMLESS TOLMAN ENGINEERING, PLLC, THE OWNER, AND ANY OF THEIR DESIGNATED AGENTS FROM AND AGAINST ANY AND ALL CLAIMS AND DAMAGES OF ANY KIND OF INJURY TO, OR DEATH TO, ANY PERSON OR PERSONS AND FROM DAMAGE TO OR LOSS OF PROPERTY, ARISING OUT OF, OR ATTRIBUTED TO THE NEGLIGENCE OF CONTRACTOR'S OPERATIONS.
- THE CONTRACTOR SHALL BE THOROUGHLY FAMILIAR WITH THE REGULATIONS OF THE U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), THE U.S. DEPARTMENT OF TRANSPORTATION (DOT), THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA), AND SIMILAR STATE AND OTHER AGENCIES HAVING JURISDICTION OVER THE WORK BEING PERFORMED.
- THE CONTRACTOR SHALL PROVIDE NECESSARY HEALTH AND SAFETY TRAINING FOR ALL OF THE CONTRACTOR'S ON-SITE PERSONNEL.
- THE CONTRACTOR SHALL HAVE A HEALTH AND SAFETY PLAN (HASP), WHICH DESCRIBES THE WORK BEING UNDERTAKEN, THE RISKS INVOLVED IN PERFORMING THE REQUIRED TASKS, THE MEASURES BEING TAKEN TO MITIGATE THE RISKS/HAZARDS, AND EMERGENCY RESPONSE PLANS. THE FOLLOWING TOPICS MUST BE COVERED IN THE CONTRACTOR'S HASP, AT A MINIMUM,
  - EMERGENCY RESPONSE PLANS (CLOSEST HOSPITAL INFORMATION/DRIVING ROUTE)
  - SITE AUTHORITIES AND ADDITIONAL EMERGENCY CONTACT PHONE NUMBERS
  - SPECIFIC TASK JOB SAFETY ANALYSIS (JSA) FOR ALL WORK TASKS
  - REQUIRED PERSONAL PROTECTIVE EQUIPMENT (PPE)
  - DESIGNATED EMERGENCY MEETING LOCATION
  - KICK-OFF TAILGATE MEETING OUTLINE (TAILGATE TO BE CONDUCTED DAILY) SIGN-OFF LINES (ALL ON-SITE REQUIRED TO SIGN DAILY)
- THE CONTRACTOR SHALL AT ALL TIMES MEET ALL SAFETY REQUIREMENTS SET FORTH IN THEIR HEALTH & SAFETY PLAN (HASP) FOR THE SITE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONDITIONS AT THE SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY WHILE PERFORMING THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL COMPLY WITH THE CONSTRUCTION SAFETY COMMISSION "GENERAL SAFETY RULES AND REGULATIONS FOR THE CONSTRUCTION INDUSTRY", 29 CFR 1926 AND SAFETY RULES. THE CONTRACTOR SHALL REQUIRE ALL PERSONNEL TO WEAR APPROPRIATE PROTECTIVE CLOTHING, HARD HATS, ETC AS REQUIRED BY LAW.
- IN ACCORDANCE WITH GENERALLY ACCEPTED PRACTICES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATTERS RELATING TO THE HEALTH AND SAFETY OF ITS PERSONNEL AND EQUIPMENT AND THE PUBLIC IN PERFORMANCE OF THE WORK. THIS INCLUDES RECOGNITION OF THE POTENTIAL HEALTH AND SAFETY HAZARDS ASSOCIATED WITH THE WORK AND INCLUDES COMPLIANCE WITH THE MINIMUM REQUIREMENTS OF THE HEALTH AND SAFETY PLAN IN FORCE FOR THE WORK, IF APPLICABLE. IT IS UNDERSTOOD THAT PROTECTIVE MEASURES SPECIFIED IN ANY HEALTH AND SAFETY PLAN ARE MINIMUM REQUIREMENTS FOR THE WORK.
- CONTRACTOR WARRANTS WHEN REQUIRED BY A PROJECT THAT ALL ITS EMPLOYEES PERFORM WORK ON SAID PROJECT ARE PERMITTED TO ENGAGE IN HAZARDOUS WASTE OPERATIONS THAT COULD EXPOSE THEM TO HAZARDOUS SUBSTANCES, SAFETY, OR HEALTH HAZARDS, AND SHALL PROVIDE EVIDENCE PRIOR TO COMMENCING WORK THAT ALL WORKERS HAVE OBTAINED THE NECESSARY HEALTH AND SAFETY TRAINING AND MEDICAL SURVEILLANCE AS REQUIRED BY OSHA 1910.120.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING A SECURE AND SAFE SITE DURING THE ENTIRE PROJECT. DURING NON-WORK HOURS, BARRICADES AND GATES SUPPLIED BY THE CONTRACTOR SHALL BE SET OR LOCKED TO PROTECT TRESPASSERS AND TO SECURE THE WORK ZONE. THE CONTRACTOR SHALL PROVIDE PROPER CHAIN LINK FENCE AND BARRICADES FOR ANY EXCAVATION OR HAZARDOUS AREA THAT REMAINS OPEN OVER NIGHT.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SURVEYS TO COMPLETE THE PROJECT, INCLUDING REESTABLISHMENT OF CONTROL POINTS, DAMAGED R/W PINS AND STAKING OF EASEMENTS. THE CONTRACTOR SHALL REFERENCE ALL IRON PINS AND MONUMENTS BEFORE EXCAVATING AT OR NEAR SAID IRON PINS OR MONUMENTS. IF ANY PINS OR MONUMENTS ARE DESTROYED OR DAMAGED BY THE CONTRACTOR, THEY SHALL BE ACCURATELY REPLACED BY A REGISTERED SURVEYOR IN THE STATE OF NEW YORK AT THE COMPLETION OF THE PROJECT.
- ALL REQUIREMENTS DESCRIBED WITHIN THE GENERAL NOTES SECTION AND CONTRACT DOCUMENTS, UNLESS OTHERWISE INDICATED, SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT WITH NO ASSOCIATED PAY ITEM AND NO ADDITIONAL COMPENSATION TO BE AWARDED TO THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONDITION OF ALL WORK PERFORMED WITHIN WORK LIMITS FOR A PERIOD OF ONE (1) YEAR FROM THE FINAL ACCEPTANCE OF THE WORK, AND SHALL MAKE ANY NECESSARY REPAIRS AT NO COST TO THE OWNER.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, PROCEDURES, AND/OR TECHNIQUES.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL NECESSARY PERMITS ASSOCIATED WITH THE WORK AS DESCRIBED WITHIN THE PROJECT SPECIFICATIONS AND DRAWINGS.
- ANY MODIFICATION TO THE SPECIFICATIONS OR CHANGES TO THE WORK AS SHOWN ON THE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE CONTRACT OFFICER.
- ALL EXCAVATION AREAS SHALL BE BACKFILLED OR PROTECTED BY TEMPORARY PLASTIC FENCING OR APPROVED BARRICADES AT THE END OF EACH WORK DAY. CLEAN UP SHALL FOLLOW CLOSELY BEHIND THE EXCAVATION OPERATIONS. RESTORE ALL DISTURBED AREAS TO EQUAL OR BETTER THAN PRE-PROJECT CONDITION.
- SUPPORT ALL UTILITIES EXPOSED BY EXCAVATION.
- WHEN WATER IS KNOWN OR EXPECTED TO BE ENCOUNTERED IN THE TRENCHES AND PITS, PUMPS OF SUFFICIENT CAPACITY TO HANDLE THE FLOW SHALL BE MAINTAINED AT THE SITE. THEY SHALL BE CONSTANTLY ATTENDED DURING OPERATION ON A 24 HOUR BASIS UNTIL, IN SOLE JUDGEMENT OF THE COR, THEIR OPERATION CAN BE SAFELY TERMINATED. WHEN DEWATERING, CLOSE OBSERVATION SHALL BE MAINTAINED TO DETECT ANY SETTLEMENT OR DISPLACEMENT OF EMBANKMENT AND FACILITIES.
- ANY CHANGES OR SUBSTITUTIONS MUST BE RECEIVE PRIOR APPROVAL FROM THE CONTRACTING OFFICER.
- ANY CONTRACTOR PERFORMING WORK IN A CONFINED SPACE (I.E. MANHOLES, TANKS, CHAMBERS), MUST CERTIFY THAT THEY HAVE THEIR OWN CONFINED SPACE ENTRY PROGRAM THAT MEET OR EXCEEDS OSHA'S REGULATIONS. CERTIFICATION MUST BE NOTARIZED BY A PUBLIC NOTARY. LOCAL JURISDICTION MUST APPROVE TRAINING.
- COMPACT BACKFILL AND FILL MATERIAL TO COMPLY WITH SPECIFICATIONS. COMPACTION, FIELD DENSITY TESTS, AND PROOF ROLLING IS REQUIRED FOR ALL EARTHWORK, REFER TO SPECIFICATION FOR REQUIREMENTS.
- SHOULD WATER BE ENCOUNTERED, THE CONTRACTOR SHALL FURNISH AND OPERATE SUITABLE PUMPING EQUIPMENT OF SUCH CAPACITY ADEQUATE TO DEWATER THE EXCAVATION. THE EXCAVATION AREAS SHALL BE SUFFICIENTLY DEWATERED SO THAT THE PLACEMENT OF ANY TYPE OF BACKFILL IS MADE ON FIRM, DRY GROUND IN ACCORDANCE WITH THE SPECIFICATIONS.
- THE CONTRACTOR MAY STOCKPILE CLEAN TOPSOIL, ON-SITE FOR RE-USE. ALL SOILS MUST BE CONTROLLED USING BEST MANAGEMENT PRACTICES.
- CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED FITTINGS INCLUDING THOSE NOT SHOWN HEREIN.
- ALIGNMENT ADJUSTMENTS, IF ANY, SHALL BE COORDINATED WITH THE COR.
- BEFORE BIDDING PROJECT, CONTRACTOR SHALL VERIFY ALL SITE FEATURES. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL SITE FEATURES DISTURBED BY PROJECT.
- EXISTING UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN IN THESE DRAWINGS, ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL DOCUMENT AND PROVIDE AS-BUILT INFORMATION ENCOUNTERED EXISTING UTILITIES.
- THE CONTRACTOR SHALL OBTAIN THE SERVICES OF AN UNDERGROUND PENETRATING RADAR UTILITY LOCATOR TO MARK THE LOCATION OF ALL UTILITIES BEFORE ANY CONSTRUCTION BEGINS. SCHEDULING OF LOCATION ACTIVITIES SHALL BE COORDINATED WITH COR.
- PROVIDE ACCURATE, FIELD CERTIFIED AS-BUILT DRAWINGS AT COMPLETION OF CONSTRUCTION TO INCLUDE BUT NOT LIMITED TO: HORIZONTAL AND VERTICAL LOCATIONS OF ALL PIPING, UTILITY CONNECTIONS, REPAIRS OR RELOCATIONS, AND ANY FIELD CHANGES MADE DURING CONSTRUCTION. AS-BUILTS SHALL INCLUDE EXISTING UTILITIES.
- PROVIDE DESIRED CONSTRUCTION STAGING AREA SIZE TO VAMC AND COORDINATE WITH COR TO DETERMINE FINAL LOCATION. CONSTRUCTION STAGING AREA SHALL BE SURROUNDED WITH TEMPORARY CHAIN LINK FENCE.
- EXCAVATION AREA(S) SHALL BE ENCLOSED WITH CHAIN LINK FENCE AT ALL TIMES ACTIVE CONSTRUCTION IS NOT TAKING PLACE.
- ALL EXISTING ASPHALT AND CONCRETE PAVEMENT, INCLUDING SIDEWALK, CURB, AND PATHWAYS, SHALL NOT BE REMOVED UNLESS SAID ITEMS ARE WITHIN THE WORK LIMITS. THE CONTRACTOR SHALL PRESERVE THE EXISTING QUALITY OF SAID ITEMS THROUGHOUT THE PROJECT.
- SURFACE DEBRIS SHALL BE PICKED UP AND DISPOSED OF PRIOR TO DEMOBILIZATION. ALSO, ALL ASPHALT SURFACES SHALL BE BROOM CLEANED.
- WHEN ADJACENT ASPHALT OR CONCRETE AREAS ARE DISTURBED AS PART OF THE CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO REPLACE THE DAMAGED OR EXCAVATED AREA. THE PERIMETER OF THE DISTURBED AREA SHALL BE SAW CUT FULL DEPTH, SO THAT THE LINES ARE STRAIGHT AND TRUE. THE CONTRACTOR SHALL REPAIR STAGING AREAS TO ORIGINAL CONDITION AT CONTRACT COMPLETION. THE CONTRACTOR SHALL REPAIR ANY RUTS, REPLACE LOAM, RE-GRADE TO MATCH EXISTING, AND RESEED AS REQUIRED.

<b>CONSULTANTS:</b>  <b>TOLMAN ENGINEERING, PLLC</b> 3610 LAWSON ROAD JAMESTOWN, NEW YORK 14701 PHONE: (716) 484 - 1366 FAX: (716) 484 - 1519			<b>ARCHITECT/ENGINEERS:</b>  <b>EVERETT ENGINEERS</b> 44 State Street Middleport, NY Phone: 978-378-4686 Fax: 978-274-5568	<b>Drawing Title</b> TITLE SHEET, GENERAL NOTES AND KEY PLAN <b>Approved Project Director</b>	<b>Project Title</b> BUILDING 12 UST #21 REPLACEMENT - <b>Location</b> CANANDAIGUA VAMC <b>Date</b> 03/07/2012 <b>Checked</b> RAE <b>Drawn</b> BNT	<b>Project Number</b> 528-A5-12-509 <b>Building Number</b> B12 <b>Drawing Number</b> GI-1 Dwg. 1 of 6	<b>Office of Construction and Facilities Management</b> 
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**BUILDING 12 BOILER PLANT - SITE PLAN**  
SCALE: 1/4"=1'-0"

- DEMOLITION KEY NOTES:**
1. EXCAVATE, DEMOLISH AND REMOVE UNDERGROUND AND ABOVEGROUND FUEL OIL SUPPLY (2) AND RETURN (2) FROM UST TO INSIDE OF FOUNDATION WALL, COMPLETELY D&R UST VENT FROM UST TO BUILDING.
  2. EXCAVATE, REMOVE AND DISPOSE OF EXISTING 4000 GALLON UNDERGROUND STORAGE TANK PER SPECIFICATION "02 65 00 UNDERGROUND STORAGE TANK REMOVAL" REQUIREMENTS. PERFORM SOIL TESTING PER SPECIFICATION.
  3. THE EXISTING CONCRETE BALLAST BASE PAD UNDER THE EXISTING UST TO BE ABANDONED IN PLACE.
  4. DEMOLISH AND REMOVE OVERFILL ALARM BOX, CONDUIT AND WIRE BACK TO UNDERGROUND STORAGE TANK AND POWER PANEL. SEAL PENETRATION WATER TIGHT WITH HYDRAULIC CEMENT.
  5. DEMOLISH AND REMOVE PROTECTIVE RAIL AND POSTS.
  6. DEMOLISH AND REMOVE IN-GROUND TRANSITION BOX, FILL PENETRATIONS COMPLETELY WITH HYDRAULIC CEMENT TO MAKE WATERTIGHT. FILL SPACE AND COMPACT IN 6-INCH LIFTS. PROVIDE 6-INCHES OF LOAM, ROLL AND SEED TO MATCH EXISTING GRADE.
  7. DEMOLISH & REMOVE ALL TANK MONITORING WIRE AND CONDUIT FROM UST TO EXISTING CONTROL STATION IN THE BASEMENT. COMPLETELY PACK FOUNDATION PENETRATION WITH HYDRAULIC CEMENT TO MAKE WATERTIGHT.
  8. DEMOLISH AND REMOVE ALL UNDERGROUND FOS AND FOR PIPING FROM UST TO INSIDE OF BUILDING. SEE HS-1AND HP-1 FOR NEW EXTERIOR AND INTERIOR PIPING ARRANGEMENTS.
- GENERAL NOTES:**
1. THE GENERAL INTENT OF THIS DEMOLITION WORK IS TO DEMOLISH AND COMPLETELY REMOVE THE UST, FOS, FOR, AND VENT PIPING, UNDERGROUND CONDUIT AND WIRE. THE AREA WILL THEN BE BACKFILLED AND COMPACTED, GRADED WITH 6" LOAM AND SEED PER THE ELEVATION ON DRAWING HP-1.
  2. THE CONTRACTOR IS RESPONSIBLE FOR HIRING AN UNDERGROUND UTILITY LOCATING COMPANY TO DETERMINE EXACT LOCATION OF UNDERGROUND UTILITIES IN THE WORK AREA.
  3. THE CONTRACTOR SHALL PREPARE ALL NECESSARY PLANS, OBTAIN ALL NECESSARY PERMITS, AND PROVIDE ALL NECESSARY PLANS, NOTIFICATIONS AND SUBMITTALS TO THE STATE OF NEW YORK AND THE VA BEFORE, DURING, AND AFTER PERFORMANCE OF THE REMOVAL WORK AT THE APPROPRIATE TIME.
  4. THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND FEDERAL REGULATIONS REGARDING REMOVAL OF THE UST. SEE SPECIFICATION SECTION 02 65 00 UST REMOVAL.
  5. THE CONTRACTOR SHALL INSTALL SHORING/SHEETING AS NECESSARY TO PREVENT UNDERMINING ADJACENT STRUCTURES, ROADWAYS, WALKWAYS, ETC. SEE CAST IN PLACE CONCRETE SPECIFICATION SECTION FOR DETAILS.
  6. THE CONTRACTOR SHALL EMPLOY AN INDEPENDENT TESTING LABORATORY FOR TESTING SOIL AND ASSIST IN COLLECTING SOIL SAMPLES FROM THE REMOVED UNDERGROUND STORAGE TANK AREA. SEE SPECIFICATION SECTION 02 65 00 UST REMOVAL.
  7. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE UST AND CONTAMINATED SOIL, IF FOUND, PER FEDERAL, STATE AND LOCAL REGULATIONS.
  8. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR DEMOLITION OF ELECTRICAL COMPONENTS.

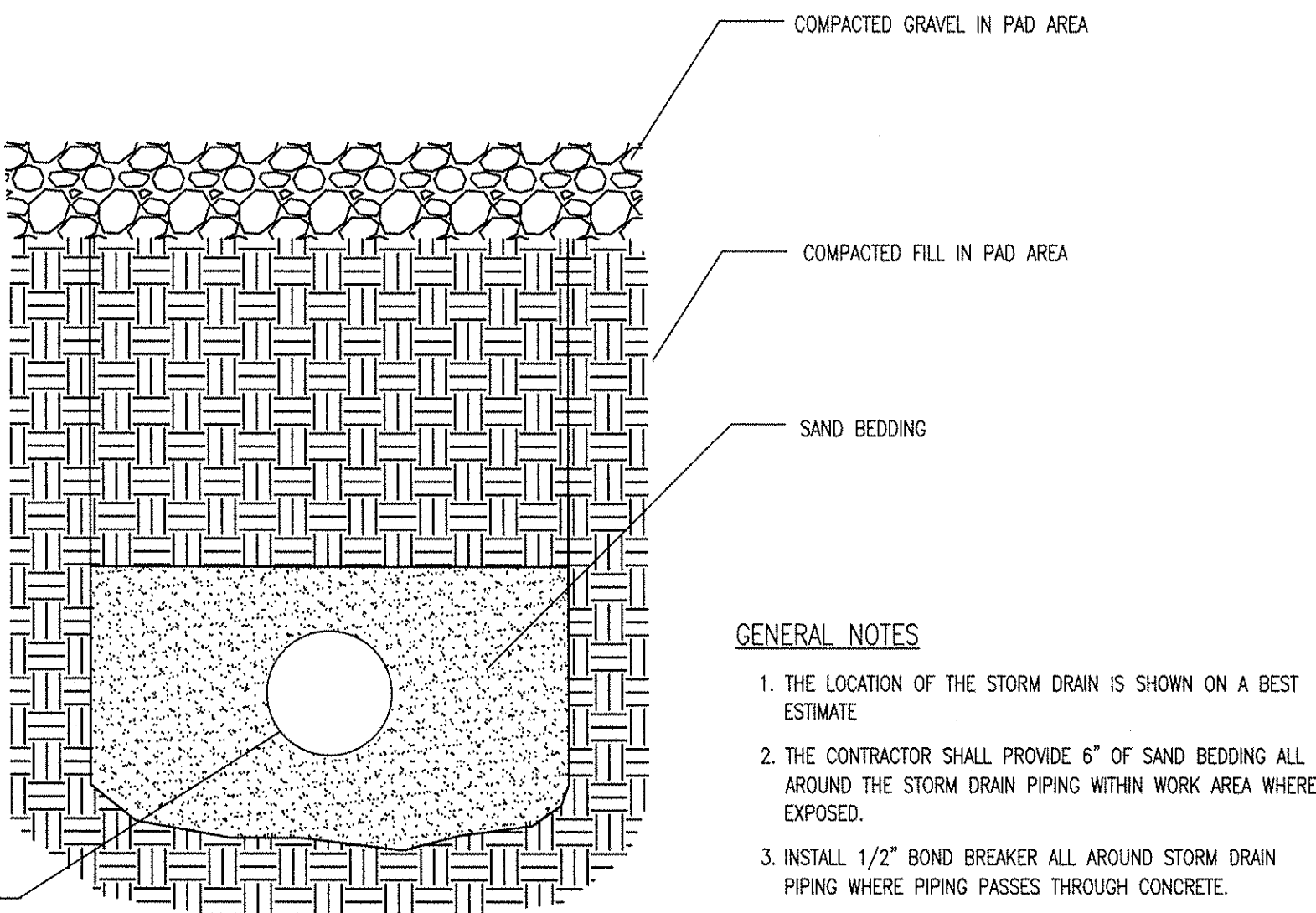
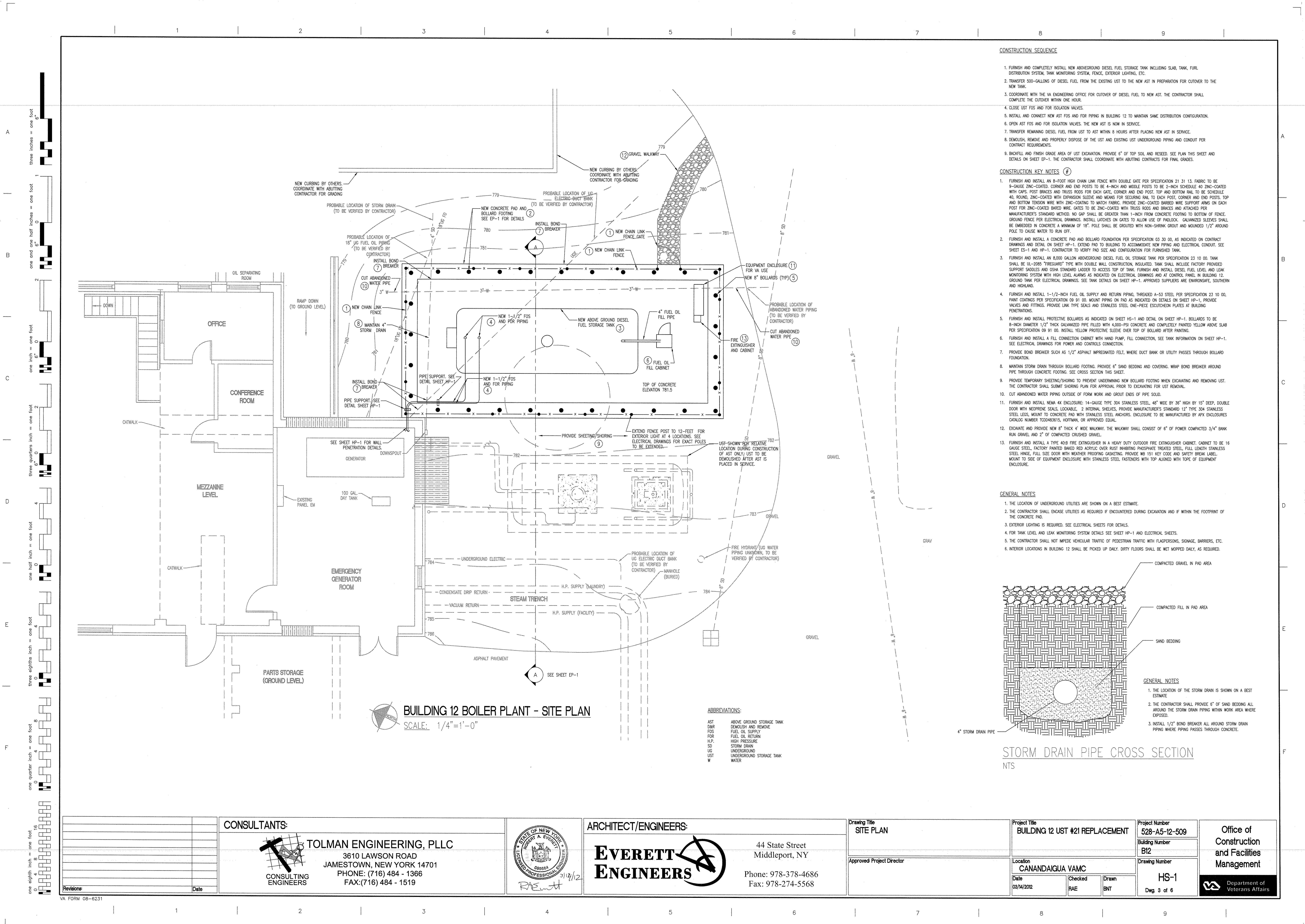
**ABBREVIATIONS:**

D&R	DEMOLISH AND REMOVE
FOS	FUEL OIL SUPPLY
FOR	FUEL OIL RETURN
H.P.	HIGH PRESSURE
SD	STORM DRAIN
UG	UNDERGROUND
UST	UNDERGROUND STORAGE TANK
W	WATER

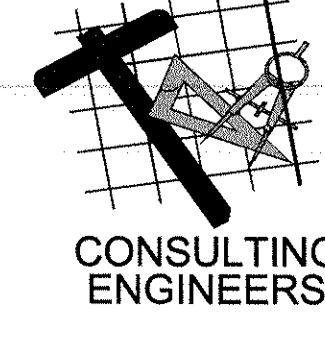
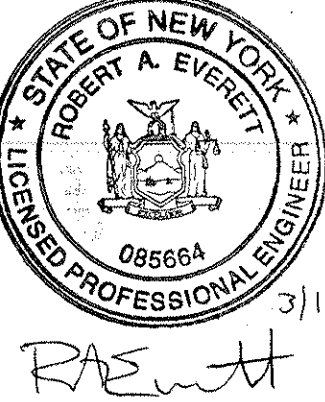

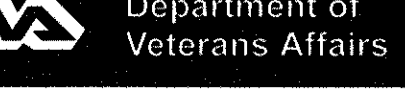
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Revisions: Date	<b>CONSULTANTS:</b>  <b>TOLMAN ENGINEERING, PLLC</b> 3610 LAWSON ROAD JAMESTOWN, NEW YORK 14701 PHONE: (716) 484 - 1366 FAX: (716) 484 - 1519	 <b>ARCHITECT/ENGINEERS:</b> <b>EVERETT ENGINEERS</b> 44 State Street Middleport, NY Phone: 978-378-4686 Fax: 978-274-5568	Drawing Title <b>DEMOLITION - SITE PLAN</b>	Project Title <b>BUILDING 12 UST #21 REPLACEMENT</b>	Project Number <b>528-A5-12-509</b> Building Number <b>B12</b> Drawing Number <b>HD-1</b> Dwg. 2 of 6	Office of Construction and Facilities Management 

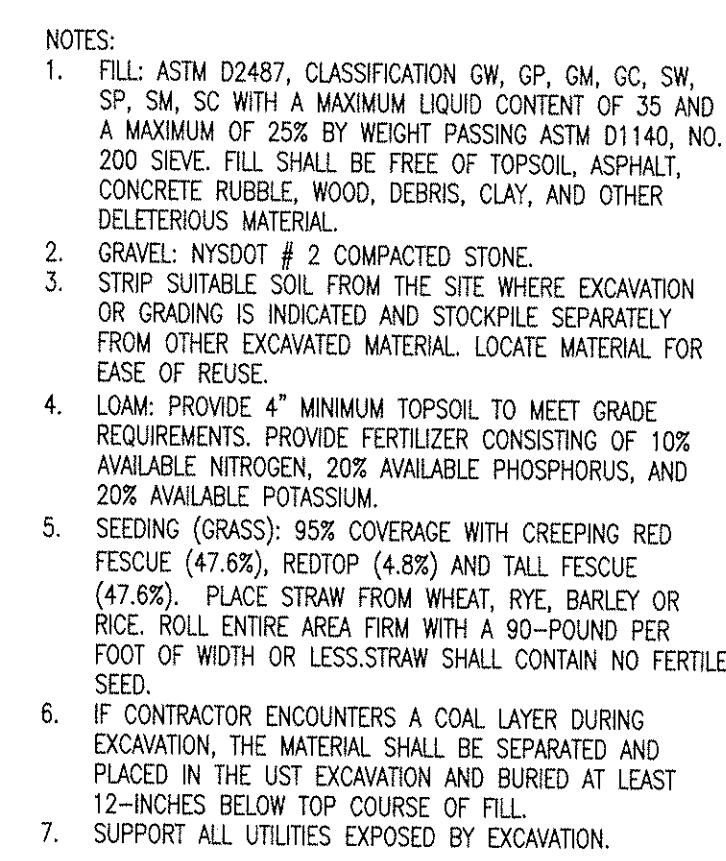




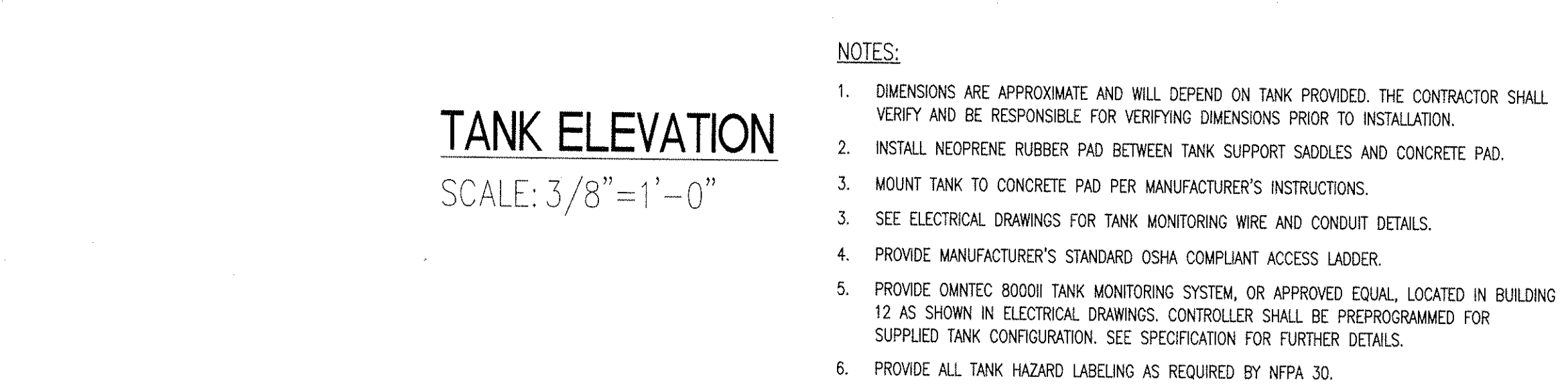
STORM DRAIN PIPE CROSS SECTION  
NTS

Revisions: _____ Date: _____	<b>CONSULTANTS:</b>  <b>TOLMAN ENGINEERING, PLLC</b> 3610 LAWSON ROAD JAMESTOWN, NEW YORK 14701 PHONE: (716) 484 - 1366 FAX: (716) 484 - 1519		<b>ARCHITECT/ENGINEERS:</b>  <b>EVERETT ENGINEERS</b> 44 State Street Middleport, NY Phone: 978-378-4686 Fax: 978-274-5568	Drawing Title <b>SITE PLAN</b> Approved Project Director _____	Project Title <b>BUILDING 12 UST #21 REPLACEMENT</b> Location <b>CANANDAIGUA VAMC</b> Date 03/14/2012 Checked RAE Drawn BNT	Project Number <b>528-A5-12-509</b> Building Number <b>B12</b> Drawing Number <b>HS-1</b> Dwg. 3 of 6 <b>Office of Construction and Facilities Management</b> 
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SCALE: 1/4"=1'-0"



SCALE: 3/8"=1'-0"

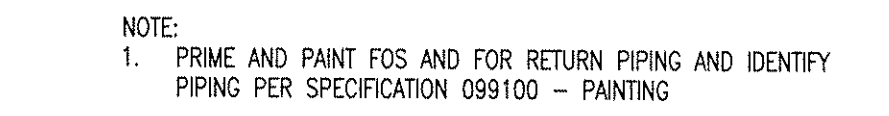
- NOTES:**
1. DIMENSIONS ARE APPROXIMATE AND WILL DEPEND ON TASK PROVIDED. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR VERIFYING DIMENSIONS PRIOR TO INSTALLATION.
  2. INSTALL NEOPRENE RUBBER PAD BETWEEN TANK SUPPORT SADDLES AND CONCRETE PAD.
  3. MOUNT TANK TO CONCRETE PAD PER MANUFACTURER'S INSTRUCTIONS.
  4. SEE ELECTRICAL DRAWINGS FOR TANK MONITORING WIRE AND CONDUIT DETAILS.
  5. PROVIDE MANUFACTURER'S STANDARD OSHA COMPLIANT ACCESS LADDER.
  6. PROVIDE APPROX. 8000 TANK MONITORING SYSTEM, OR APPROVED EQUIV. LOCATED IN BUILDING 12 AS SHOWN IN ELECTRICAL DRAWINGS. CONTROLLER SHALL BE PREPROGRAMMED FOR SUPPLIED TANK CONFIGURATION. SEE SPECIFICATION FOR FURTHER DETAILS.
  6. PROVIDE ALL TANK HAZARD LABELING AS REQUIRED BY MFA 30.



SCALE: 1/2"=1'-0"



SCALE: NTS



### PIPING SUPPORT DETAIL

SCALE: NTS



SCALE:  $1/4"=1'-0"$

- CONCRETE PAD NOTES:**
1. CONTRACTOR SHALL VERIFY COMPACTION THROUGH AN INDEPENDENT LABORATORY BY MEANS OF NUCLEAR DENSITY TESTING ON COMPACTED FILL FOR EACH 6" LIFT. PERFORM ONE TEST FOR EVERY 900 SF, OR FRACTION THEREOF, OF MATERIAL PLACEMENT OR A MINIMUM OF 1 TEST PER LIFT.
  2. UNLESS OTHERWISE DETAIL, CONTINUOUS BARS SHALL BE LAPPED 36 INCHES AT SPICES AND CORNERS.
  3. ALL BACKFILL AND GRAVEL SHALL BE PLACED IN 6" LOOSE LIFTS AND COMPACTED BY MANIPULATED POWER TAMPERS TO A MINIMUM OF 95% MAXIMUM DRY DENSITY
  4. IN NO OTHER CASE SHALL THE SECTIONAL AREA OF REINFORCEMENT BE DIMINISHED BY PIPE SLEEVES OR OTHER OPENINGS IN CONCRETE SLABS.
  5. PROVIDE BAR SUPPORTS AND SPACES IN ACCORDANCE WITH THE LATEST ACI 315 DETAILING MANUAL.
  6. ALL EXISTING FIELD DIMENSIONS, ELEVATIONS AND CONDITIONS AFFECTING WORK UNDER THIS CONTRACT SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING PREPARATION OF SHOP DRAWINGS OR COMMENCING ANY WORK.
  7. PROVIDE FINAL GRADING AT TANK PAD TO PROVIDE POSITIVE DRAINAGE AWAY FROM PAD AND A 3" TO 6" PAD REVEAL ABOVE FINISHED GRADE.




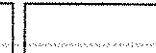


### DIESEL FUEL DISTRIBUTION DIAGRAM

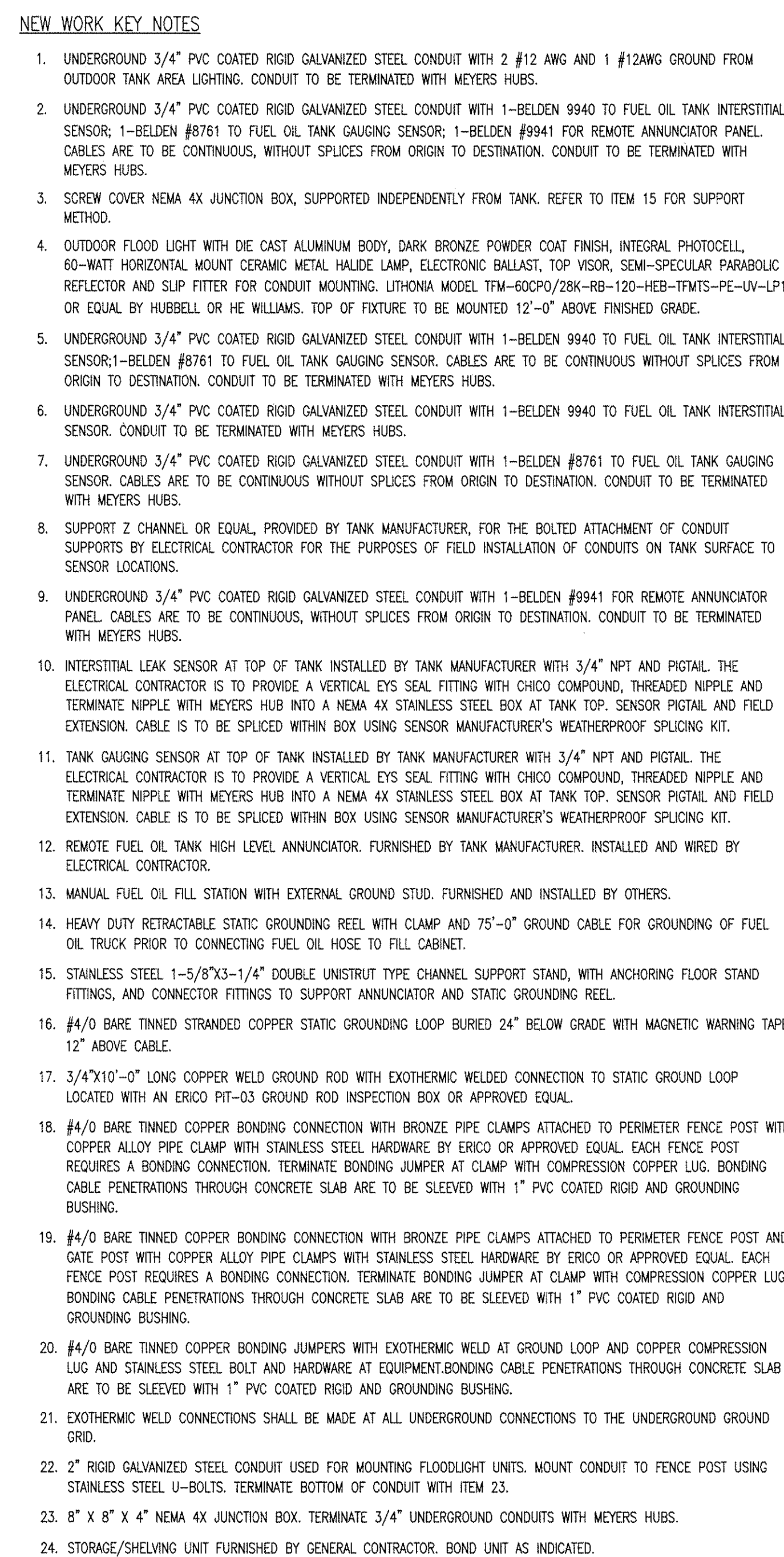
SCALE: NTS

CONTROL JOINT DETAIL

SCALE: NTS

CONSULTANTS:  <b>TOLMAN ENGINEERING, PLLC</b> 3610 LAWSON ROAD JAMESTOWN, NEW YORK 14701 PHONE: (716) 484 - 1366 FAX: (716) 484 - 1519 CONSULTING ENGINEERS		 3/14/12 <i>RAE</i>	ARCHITECT/ENGINEERS: <b>EVERETT ENGINEERS</b>  44 State Street Middleport, NY Phone: 978-378-4686 Fax: 978-274-5568		SCALE: NTS Drawing Title ELEVATIONS, DETAILS AND SCHEDULES Project Title BUILDING 12 UST #21 REPLACEMENT Project Number 528-A5-12-509 Building Number B12 Approved Project Director Location CANANDAIGUA VAMC Date 03/14/2012 Checked RAE Drawn BNT Drawing Number HP-1 Draw 4 of 6		Office of Construction and Facilities Management  Department of Veterans Affairs
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SCALE: 1/4"=1'-0"

1. GROUNDING, ITEMS 16 THROUGH 21, SHALL BE PERFORMED AT LOCATIONS PER THIS DRAWING.

[illegible]

