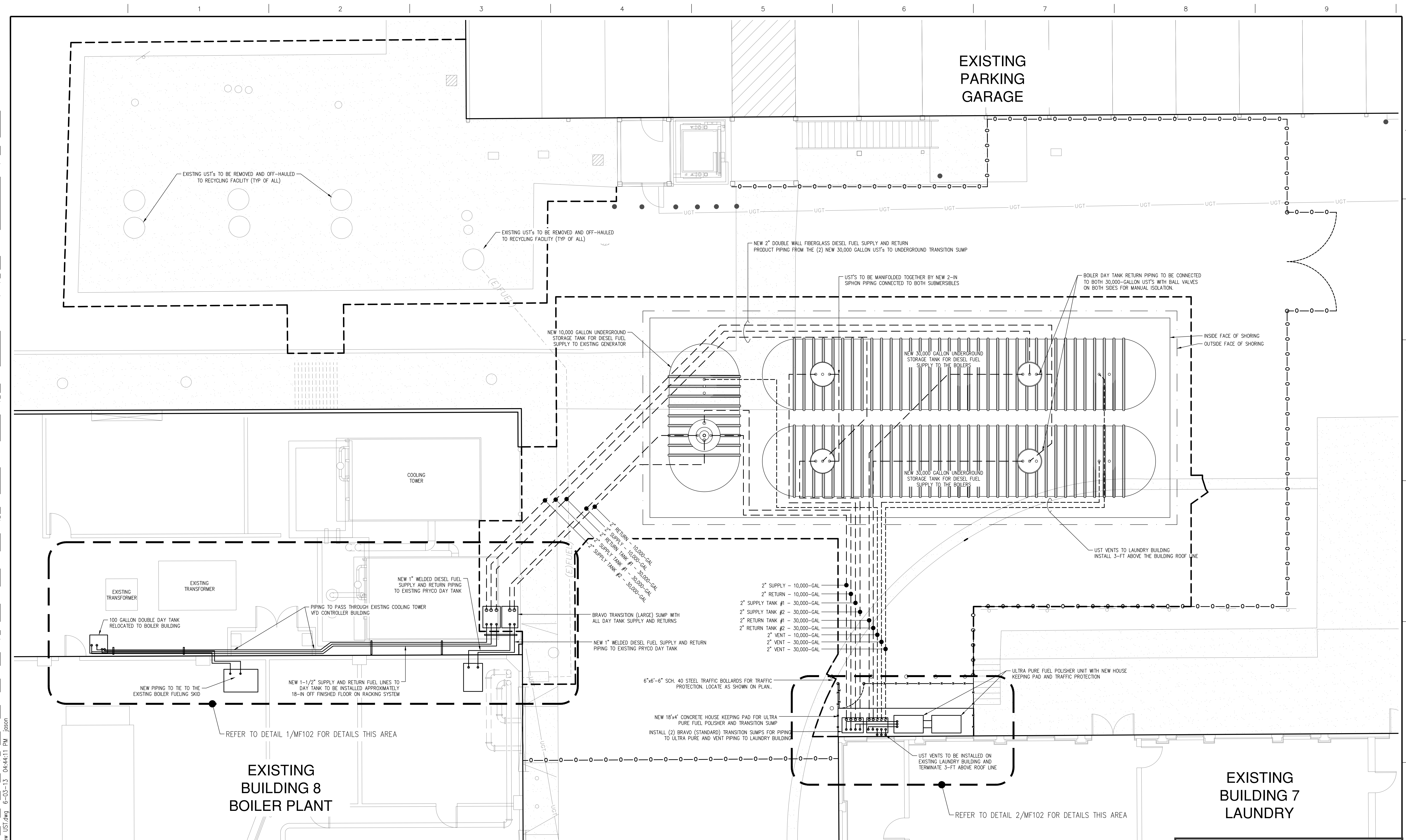
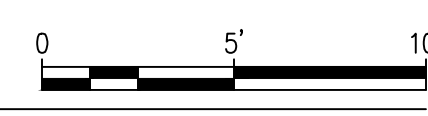


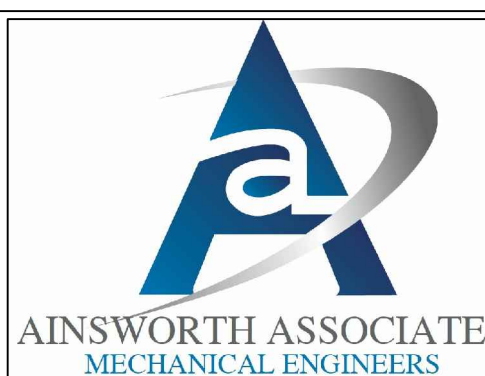


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

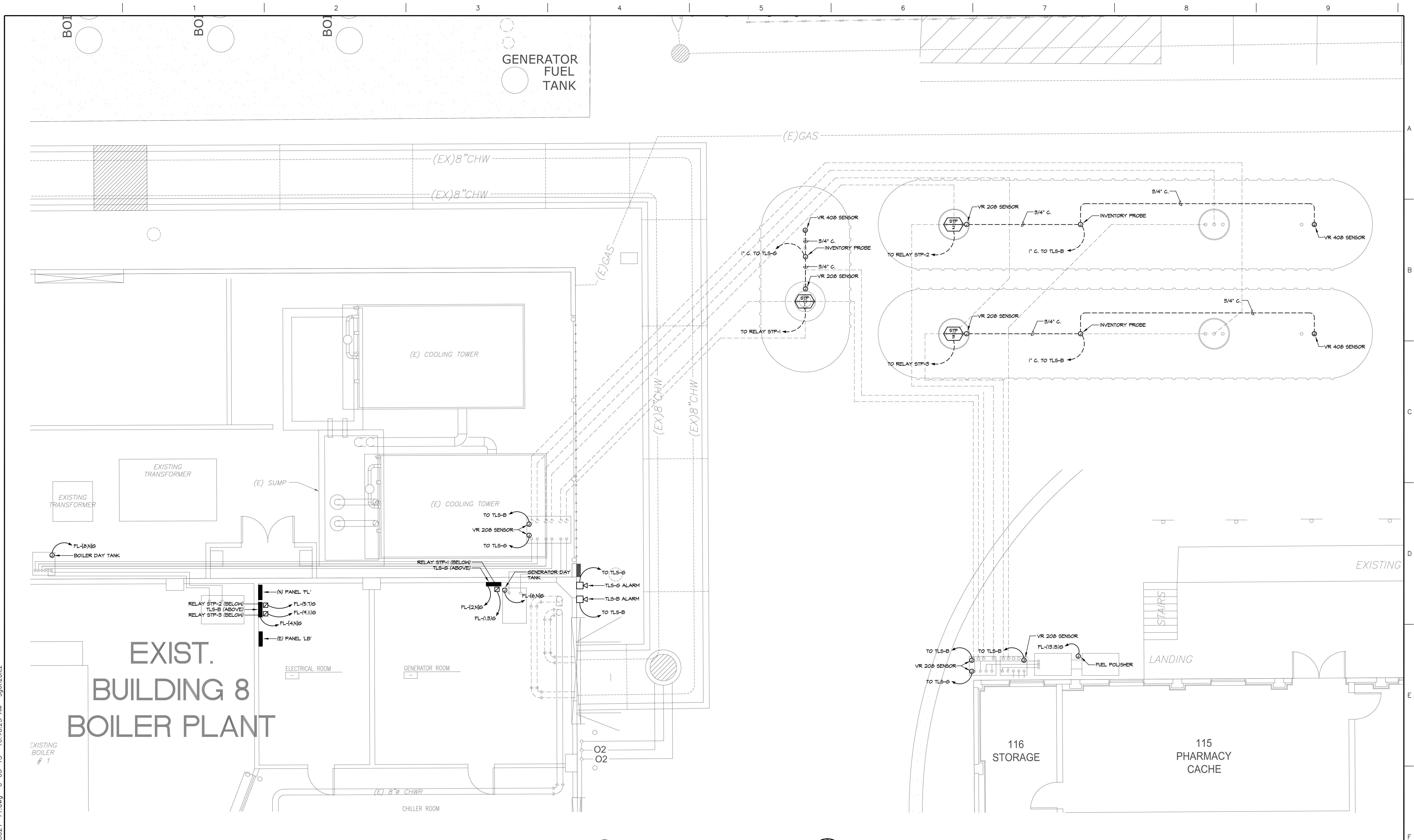


MF-101 Yard Fuel Piping Layout
HORIZONTAL SCALE: 1" = 5'



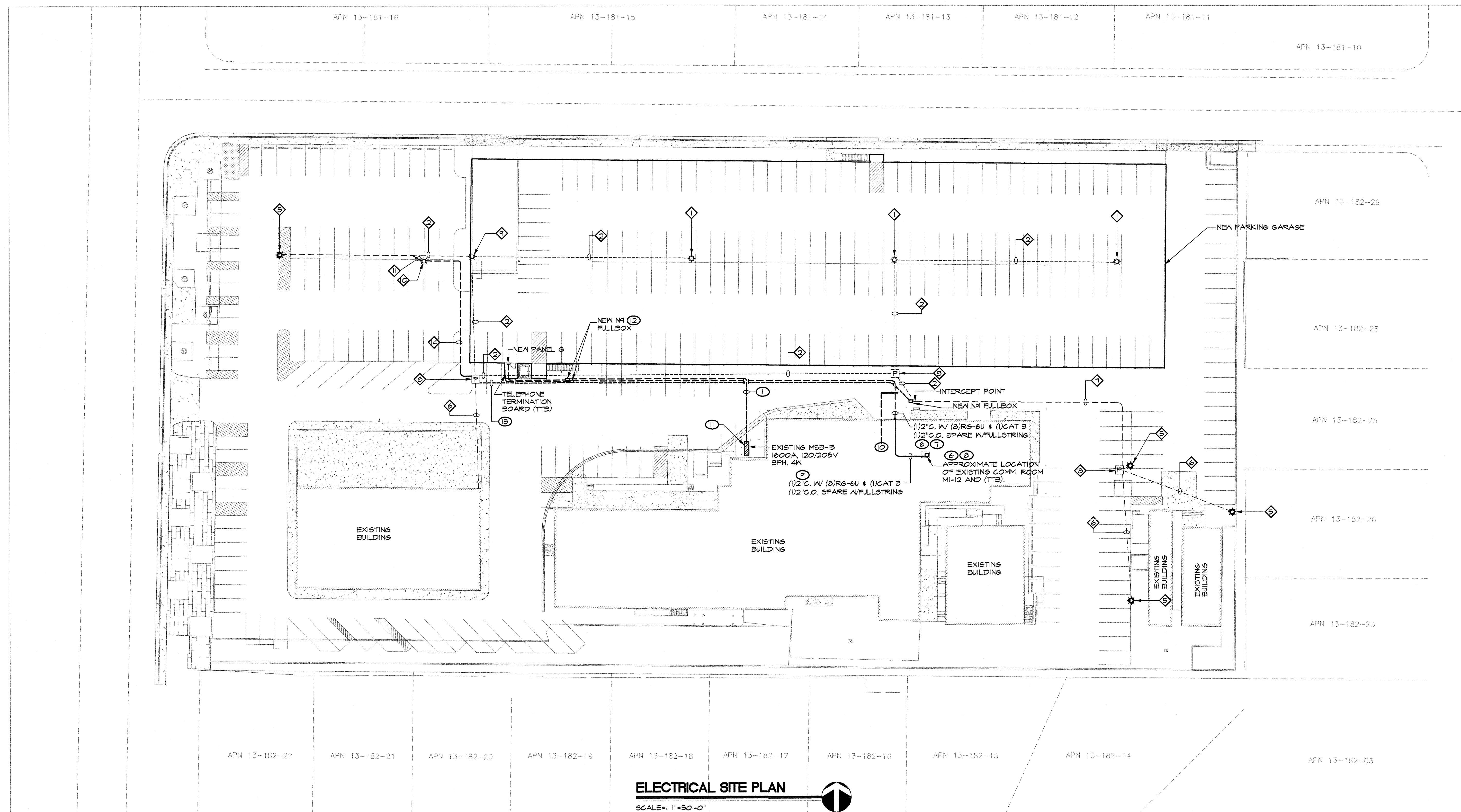
FOR REFERENCE ONLY
RECORD DRAWINGS FOR
UNDERGROUND UTILITIES

CONSULTANTS:  AINS WORTH ASSOCIATES MECHANICAL ENGINEERS		ARCHITECT/ENGINEERS:  THE LAND GROUP, INC. 462 East Shore Drive, Suite 100 Eagle, Idaho 83616 Phone (208) 939-4041 Fax (208) 939-4445 www.thelandgroupinc.com		Drawing Title Yard Fuel Piping Layout Approved Project Director - VAPAHCS PLANNING AND ENGINEERING	Project Title VA Sierra Nevada Healthcare Boiler Plant Underground Fuel Tank Removal and Replacement Location - Reno NV Date 23-May-2013 Checked Densmer Drawn Perks	Project Number 654-12-901 Building Number - Drawing Number MF-101 Dwg. 13 of 18	Office of Construction and Facilities Management  Department of Veterans Affairs
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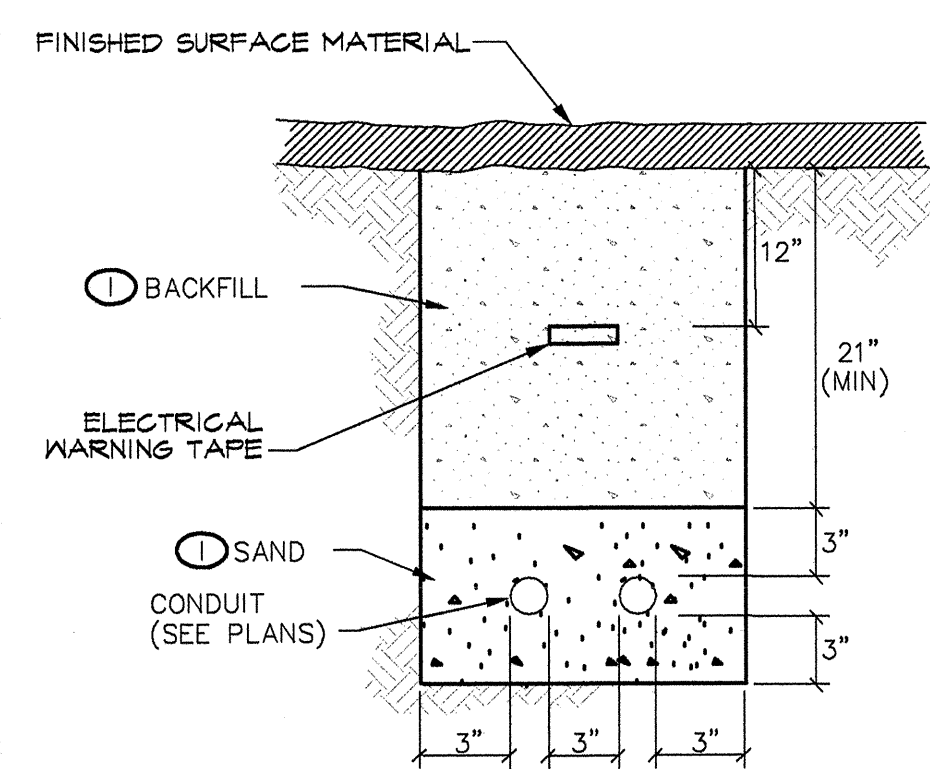


FOR REFERENCE ONLY
RECORD DRAWINGS FOR
UNDERGROUND UTILITIES

[illegible]

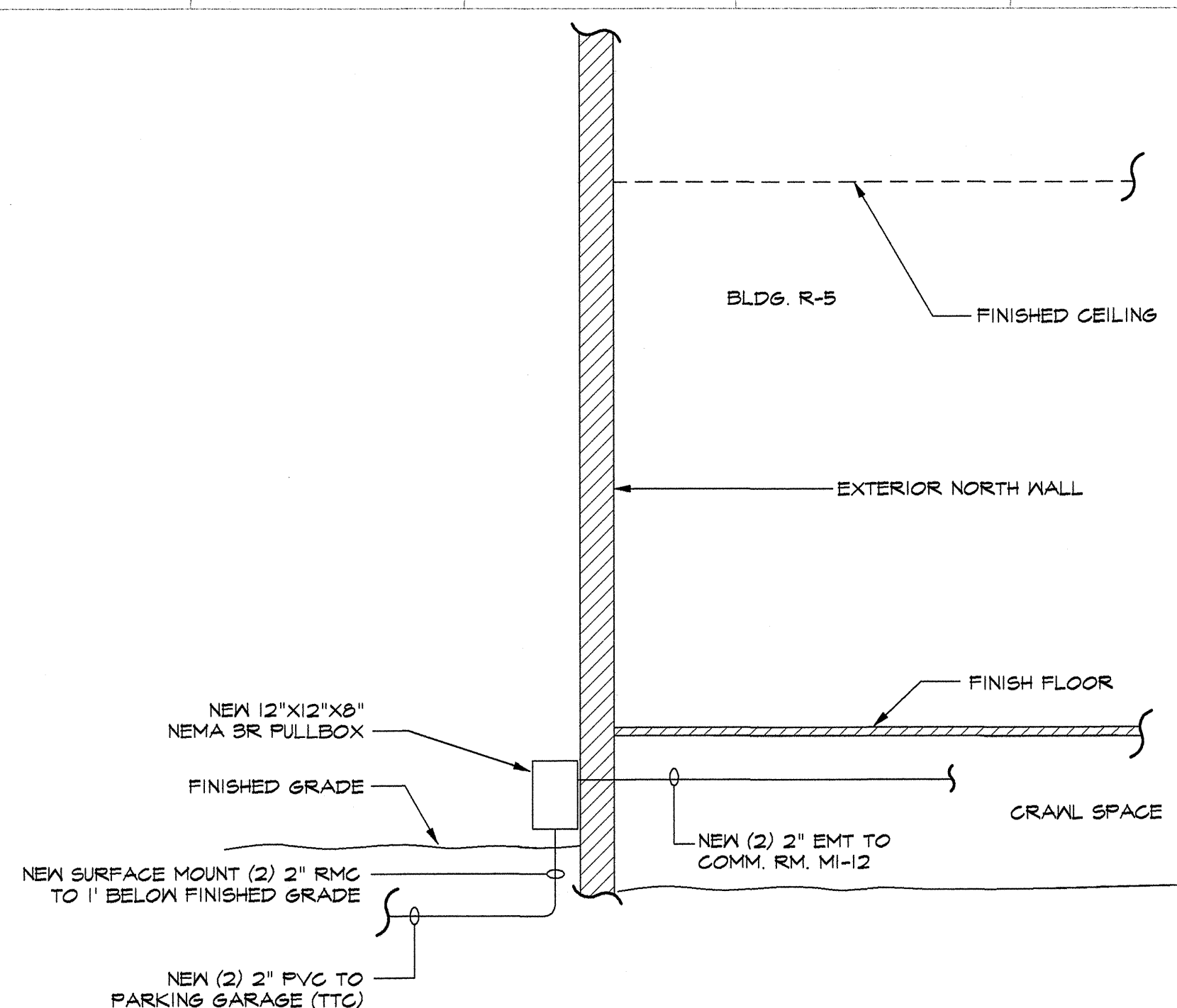


ELECTRICAL SITE PLAN
SCALE: 1"=30'-0"

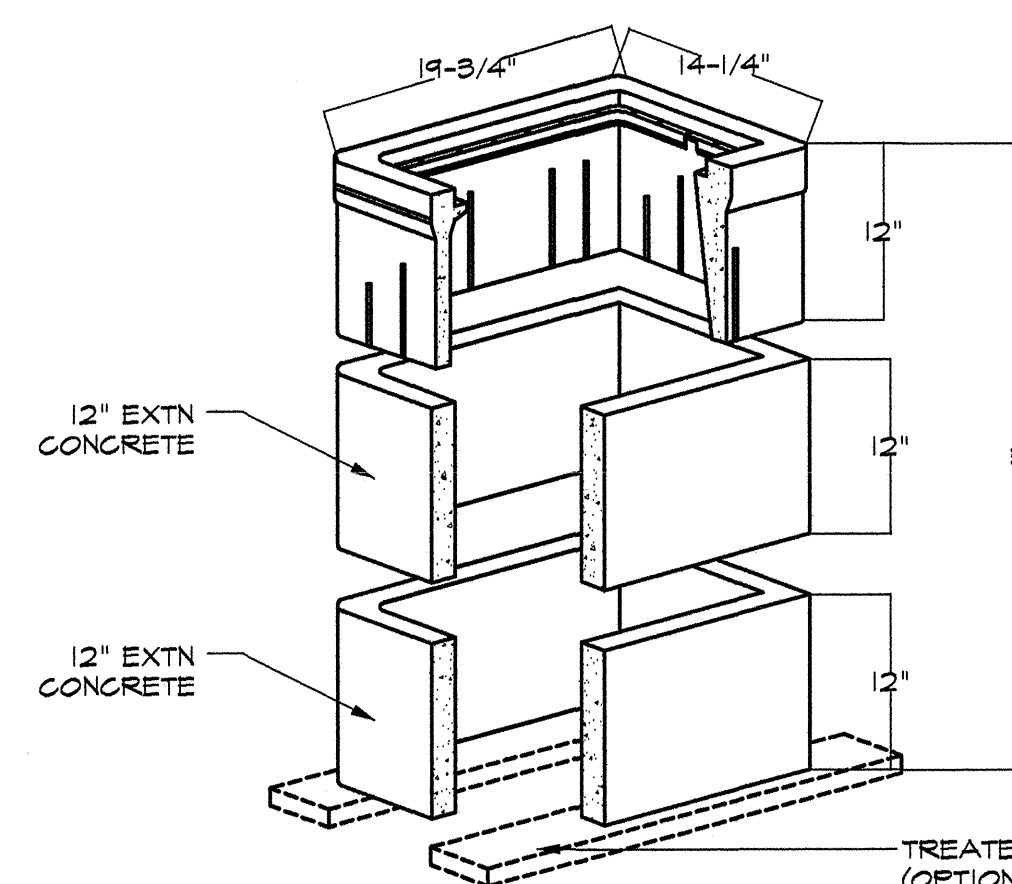


1 TYPICAL 2 CONDUIT TRENCH DETAIL
SCALE: N.T.S.

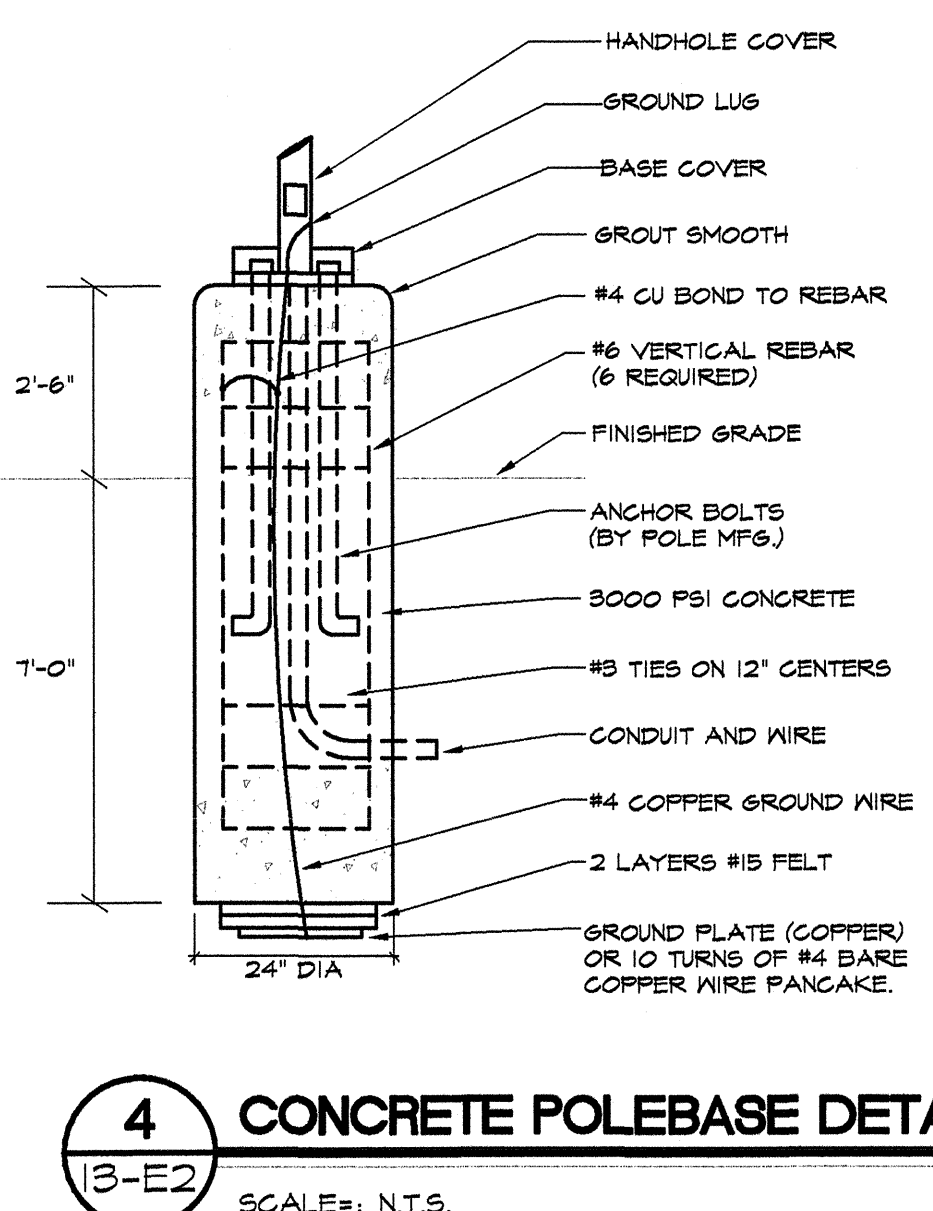
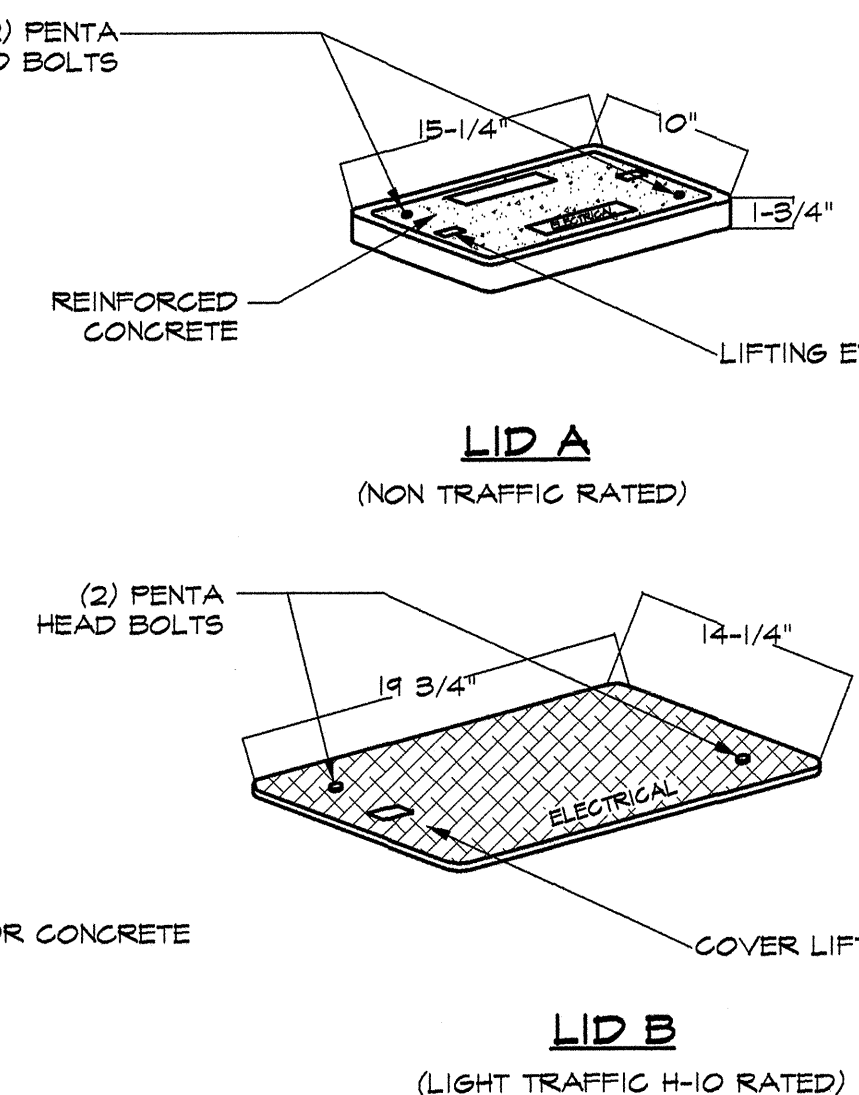
NOTES:
1 REFER TO CIVIL DRAWINGS FOR REQUIRED BACKFILL MATERIALS AND COMPACTION REQUIREMENTS.



2 BUILDING R-5 SECTION VIEW
SCALE: 1/2"=1'-0"



3 N9 PULLBOX DETAIL W/ LID
SCALE: N.T.S.



4 CONCRETE POLEBASE DETAIL
SCALE: N.T.S.

**FOR REFERENCE ONLY
RECORD DRAWINGS FOR
UNDERGROUND UTILITIES**

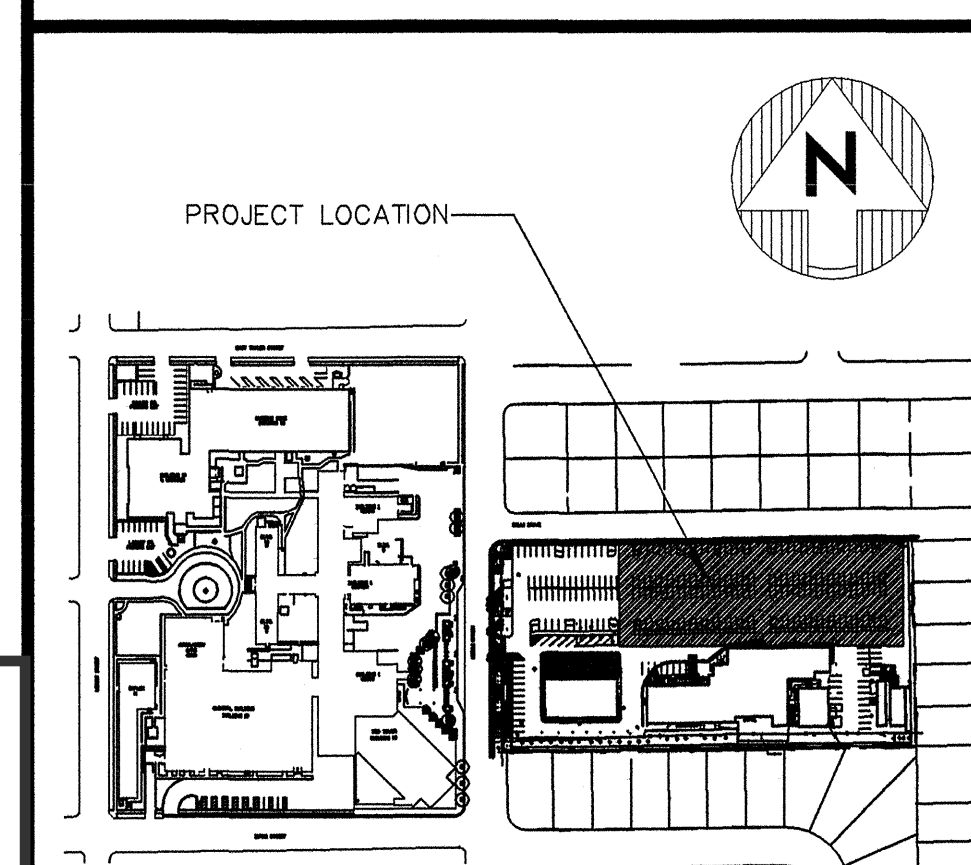
KEYNOTES

- SITE NOTES:**
- SEE ONLINE DIAGRAM FOR CONDUIT AND WIRE SIZES.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL 1-800-221-2600 FOR LOCATES PRIOR TO DIGGING. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL NON-UTILITY UNDERGROUND ITEMS.
 - THE MAXIMUM NUMBER OF CONDUIT BENDS SHOULD NOT BE GREATER THAN 270 DEGREES BETWEEN PULLING STRUCTURES. THIS INCLUDES THE AGGREGATE OF ALL HORIZONTAL AND VERTICAL CHANGES.
 - ALL CONDUIT, INNER DUCT, PULL BOXES AND VAULTS SHALL BE LABELED PER THE SPECIFICATIONS.
 - EACH CONDUIT AND INNER DUCT SHALL BE PROVIDED WITH A 1250 LBS. PULL ROPE.
 - CONTRACTOR SHALL PROVIDE AND INSTALL A CAT 5E 4 PAIR PHONE CABLE FROM THE TTB BACK TO THE TTB LOCATED IN BUILDING R-5. CABLE SHALL BE TERMINATED AT EACH END. PROVIDE AND INSTALL REQUIRED 66 BLOCKS FOR TERMINATING TELEPHONE CABLE. CAT 5E CABLE IS TO BE USED FOR ELEVATOR PHONE LINE.
 - CONTRACTOR SHALL PROVIDE AND INSTALL (6) R6-6U 500V COAXIAL CABLES FROM THE CAMERA LOCATIONS TO TTB IN BLDG. R-5.
 - AT THE TTB IN BUILDING R-5, RM. M-12 THE CONTRACTOR SHALL PROVIDE AND INSTALL A PANASONIC KU-HDB16 A/2500 MULTIPLEXER. ALSO PROVIDE AND INSTALL A APC-4800 UPS AT MULTIPLEXER LOCATION. VERIFY MOUNTING LOCATION WITH VA. PROVIDE AND INSTALL ONE CAT 5E CABLE FROM MULTIPLEXER TO EXISTING PATCH PANELS. CABLE SHALL BE TESTED AND TERMINATED.
 - ROUTE CONDUIT THROUGH CRAWL SPACE OF BUILDING R-5 TO COMM. ROOM M-12.
 - SEE DETAIL 2, 13-E2.
 - CONTRACTOR SHALL SAW CUT AND REPLACE EXISTING CONCRETE PAD AROUND EXISTING SWITCHBOARD AS REQUIRED TO GET NEW CONDUIT INTO EXISTING SWITCHBOARD. SEE SPECIFICATIONS FOR CONCRETE REPLACEMENT REQUIREMENTS.
 - NEW N9 PRE CAST CONCRETE PULL BOX. PROVIDE ONE PULL BOX FOR COMMUNICATION AND ONE FOR POWER LOCATE BOXES WITHIN NON-TRAFFIC AREA. SEE DETAIL 3, 13-E2.
 - NEW 1 1/4" C. W/ 4 #6, 1 #10S CONDUCTORS TO RUN CONTINUOUS BETWEEN EXISTING PULLBOXES.
 - NEW 1" C. W/ 2#10, 1#10S

SITE DEMOLITION NOTES:

- EXISTING PARKING LOT POLE LIGHT, POLE BASE, CONDUIT & WIRE TO BE REMOVED. REMOVE CONDUIT & WIRE BACK TO NEXT LIGHT POLE OR PULL BOX TO REMAIN. MAINTAIN EXISTING CIRCUITING TO REMAINING EQUIPMENT. RETURN POLE AND LIGHT FIXTURE TO OWNER.
- EXISTING WIRE AND CONDUIT TO BE REMOVED BACK TO NEXT LIGHT POLE OR PULL BOX TO REMAIN. MAINTAIN EXISTING CIRCUITING TO REMAINING EQUIPMENT.
- EXISTING PULL BOX TO BE REMOVED.
- EXISTING CONDUIT TO BE REMOVED BACK TO INTERCEPT POINT. EXISTING WIRE TO BE REPLACED.
- EXISTING PARKING LOT POLE LIGHT TO REMAIN.
- EXISTING CONDUIT AND WIRE TO REMAIN UNLESS NOTED OTHERWISE.
- EXISTING CONDUIT TO REMAIN. EXISTING WIRE TO BE REPLACED. SEE NOTE 13 FOR WIRE SIZES.
- EXISTING PULL BOX TO REMAIN.
- EXISTING PARKING LOT POLE LIGHT FIXTURE TO BE RELOCATED. EXISTING POLE BASE, CONDUIT & WIRE TO BE REMOVED AS INDICATED.
- RELOCATED EXISTING PARKING LOT POLE & LIGHT. PROVIDE AND INSTALL NEW CONCRETE POLE BASE. SEE DETAIL 4, 13-E2.
- EXISTING CONDUIT AND WIRE SHALL BE INTERCEPTED AND EXTENDED INTO RELOCATED PARKING LOT LIGHT. PROVIDE REQUIRED CONDUIT AND WIRE.

KEYPLAN



 SULLIVAN CONSULTING GROUP 409 CAMINO DEL RIO SOUTH, SUITE 304 SAN DIEGO, CALIFORNIA 92108		 Blakely Johnson & Ghusni, Inc. Engineering and Architecture 4778 Caughlin Pkwy Reno, NV 89506 (775) 827-1010 fax: (775) 827-1683 www.bjginc.com		ISSUED FOR CONSTRUCTION		Approved For: <table border="1"> <tr> <th>Name</th> <th>Initials</th> <th>Date</th> </tr> <tr> <td>Director</td> <td></td> <td></td> </tr> <tr> <td>Assoc. Dir.</td> <td></td> <td></td> </tr> <tr> <td>Ch. of Staff</td> <td></td> <td></td> </tr> <tr> <td>Ch. of Eng.</td> <td></td> <td></td> </tr> </table>		Name	Initials	Date	Director			Assoc. Dir.			Ch. of Staff			Ch. of Eng.			Drawing Title ELECTRICAL SITE PLAN		Project Title V.A. PARKING GARAGE		Date 5/16/05	
Name	Initials	Date																										
Director																												
Assoc. Dir.																												
Ch. of Staff																												
Ch. of Eng.																												
Construction <input type="checkbox"/>		Approved: Area Project Manager		Building Number BUILDING 13		Checked K.D.P.		Drawn A.P./C.H.		Project No. 654-308																		
Submittal <input type="checkbox"/>		Location DEPT. OF VETERANS AFFAIRS MEDICAL CENTER 1000 LOCUST ST., RENO, NEVADA		Drawing No. 13-E2		Dwg. of																						