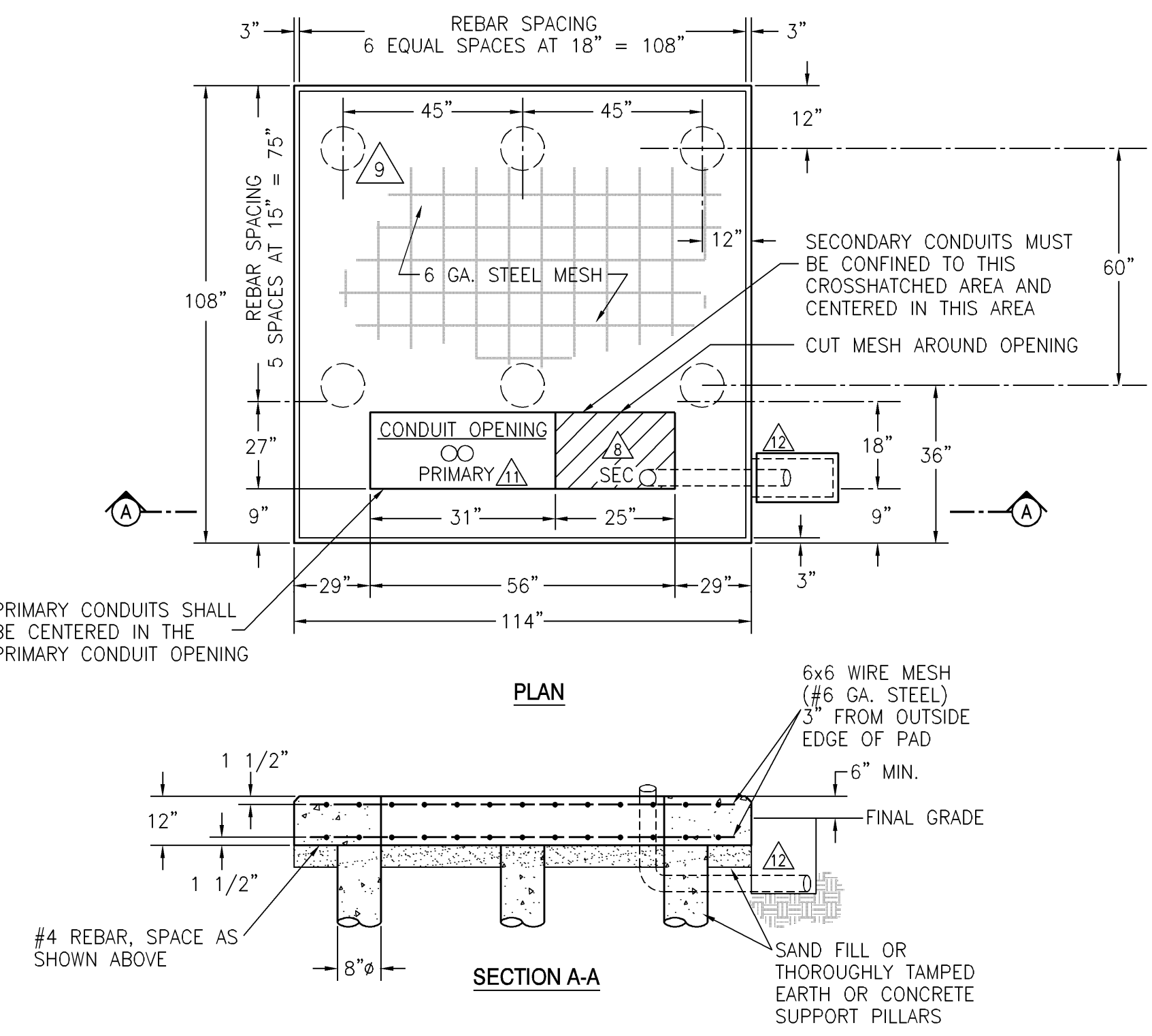
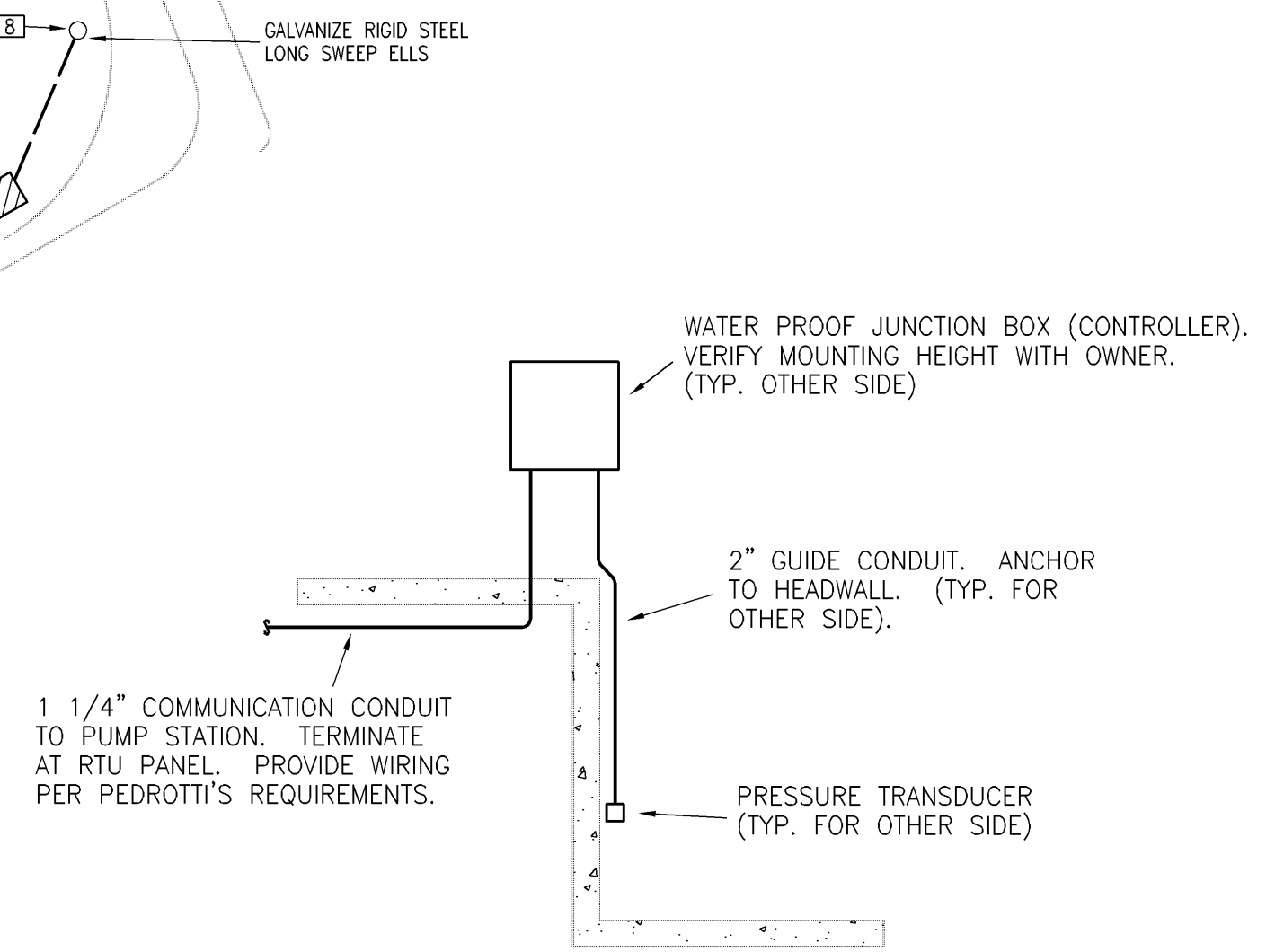


1 SITE PLAN
1"=40'-0"
NORTH

- SITE LEGEND:**
- 1 GENERATOR, 1500 KW, 480V., ON CONCRETE PAD. REFERENCE STRUCTURAL FOR DETAIL OF GENERATOR FOUNDATION.
 - 2 TRANSFORMER BY WESTAR ENERGY. PROVIDE BOLLARDS AROUND TRANSFORMER. SEE ELECTRICAL DISTRIBUTION RISER DIAGRAM FOR SECONDARY SERVICE REQUIREMENTS.
 - 3 EXISTING WESTAR ENERGY POWER POLE. VERIFY EXACT LOCATION.
 - 4 ELECTRICAL PEDESTAL BY WESTAR ENERGY. INSTALL ON SIDE OF ROAD. COORDINATE WITH PIPE AND OTHER TRADES. REFER TO DETAIL 3/ME2.
 - 5 (2) 6" C. BY ELECTRICAL CONTRACTOR. PRIMARY FEEDERS BY WESTAR ENERGY.
 - 6 TERMINATE AT POLE PER WESTAR ENERGY STANDARDS.
 - 7 (1) 3" C. FOR PHONE. CONTRACTOR TO COORDINATE WITH PROVIDER AND EXTEND AS REQUIRED. VERIFY LOCATION PRIOR TO BID.
 - 8 EXISTING UTILITY PHONE BOX.
 - 9 FLOODWAY PRESSURE TRANSDUCER. COORDINATE FINAL MOUNTING AND LOCATION WITH CIVIL PLANS. REFER TO SPECIFICATION.
 - 10 2" WATER LINE. REFER TO CIVIL PLANS FOR CONTINUATION.
 - 11 TO SCADA PANEL, VERIFY CONDUIT ROUTING AT SITE PRIOR TO INSTALLATION.

- SITE NOTES:**
- 1. CONTRACTOR SHALL INCLUDE ANY AND ALL FEES AND COSTS IMPOSED ON OWNER BY VARIOUS UTILITY COMPANIES FOR RESPECTIVE SERVICES TO NEW STRUCTURE.
 - 2. REFER TO CIVIL PLANS FOR WATER SERVICE AND GAS PIPING CONTINUATIONS.
 - 3. REFER TO CIVIL PLANS FOR GENERATOR PAD DETAIL AND FENCING AROUND THE GENERATOR.
 - 4. CONTACT SHANE PRICE AT (316) 201-6315 OR CELL (316) 706-6702 TO COORDINATE WITH WESTAR ENERGY.
 - 5. ATT CONTACT PERSON: CHARLES OFFICER, 316-268-2222.

3 FLOODWAY PRESSURE TRANSDUCER DETAIL
NO SCALE



2 TRANSFORMER PAD DETAIL
NO SCALE
1500-2500 KVA

- TRANSFORMER PAD NOTES:**
- 1. PAD LOCATION AS INDICATED ON PLANS AND AS APPROVED BY POWER COMPANY.
 - 2. REFER TO CIVIL PLANS FOR PIPE BOLLARDS TO PROTECT TRANSFORMER.
 - 3. CONTRACTOR SHALL EXTEND FORMS DOWN TO AT LEAST 3" BELOW AVERAGE GROUND LINE.
 - 4. CONCRETE SHALL BE A MINIMUM OF 3,000 LB. MIX.
 - 5. TOP OF THE TRANSFORMER PAD SHALL RECEIVE A SMOOTH TROWEL FINISH. CORNERS SHALL BE ROUNDED OR BEVELED.
 - 6. CONDUIT OPENING SHALL BE FREE AND CLEAR OF CONCRETE.
 - 7. TOPS OF THE CONDUITS SHALL BE FLUSH WITH THE TOP OF THE CONCRETE PAD. PROVIDE GROUNDING BUSHINGS.
 - 8 REFER TO ELECTRICAL DISTRIBUTION RISER DIAGRAM FOR SECONDARY CONDUIT REQUIREMENTS.
 - 9 PILLARS ARE FORMED BY AUGERING AN 8" DIA. HOLE TO A DEPTH OF UNDISTURBED EARTH. A SEPARATOR, SUCH AS TAR PAPER, SHALL BE PLACED BETWEEN THE PILLAR AND THE PAD SO THAT THE PAD CAN BE LEVELLED AT A LATER TIME IF NECESSARY.
 - 10. POWER COMPANY SHALL RESERVE THE RIGHT TO NOT ACCEPT THE CONDITION OF THE CONCRETE PAD IF IT FAILS TO MEET THE REQUIREMENTS STATED IN THEIR STANDARD.
 - 11 CONDUIT OPENING DIMENSIONS PERTAIN TO ABB & GE (1991 & NEWER) TRANSFORMERS. CHECK WITH LOCAL POWER COMPANY SERVICE CENTER TO VERIFY SIZE OF THE OPENING. CALL LOCAL SERVICE CENTER TO CONFIRM PAD DIMENSIONS PRIOR TO PAD CONSTRUCTION.
 - 12 COORDINATE FINAL CONNECTION AND EXTENSION OF CONDUITS TO TRANSFORMER PAD WITH POWER COMPANY.



CITY OF WICHITA, KANSAS	
PUMP STATION NO. 11	
MECHANICAL	
SITE PLAN	

CFS	
Cook, Flatt & Strobel ENGINEERS, P.A.	
DESIGNED AKK	SCALE As Shown
DETAILED CAD	DATE 3/11/10
CHECKED AKK	SHEET ME1 OF 3