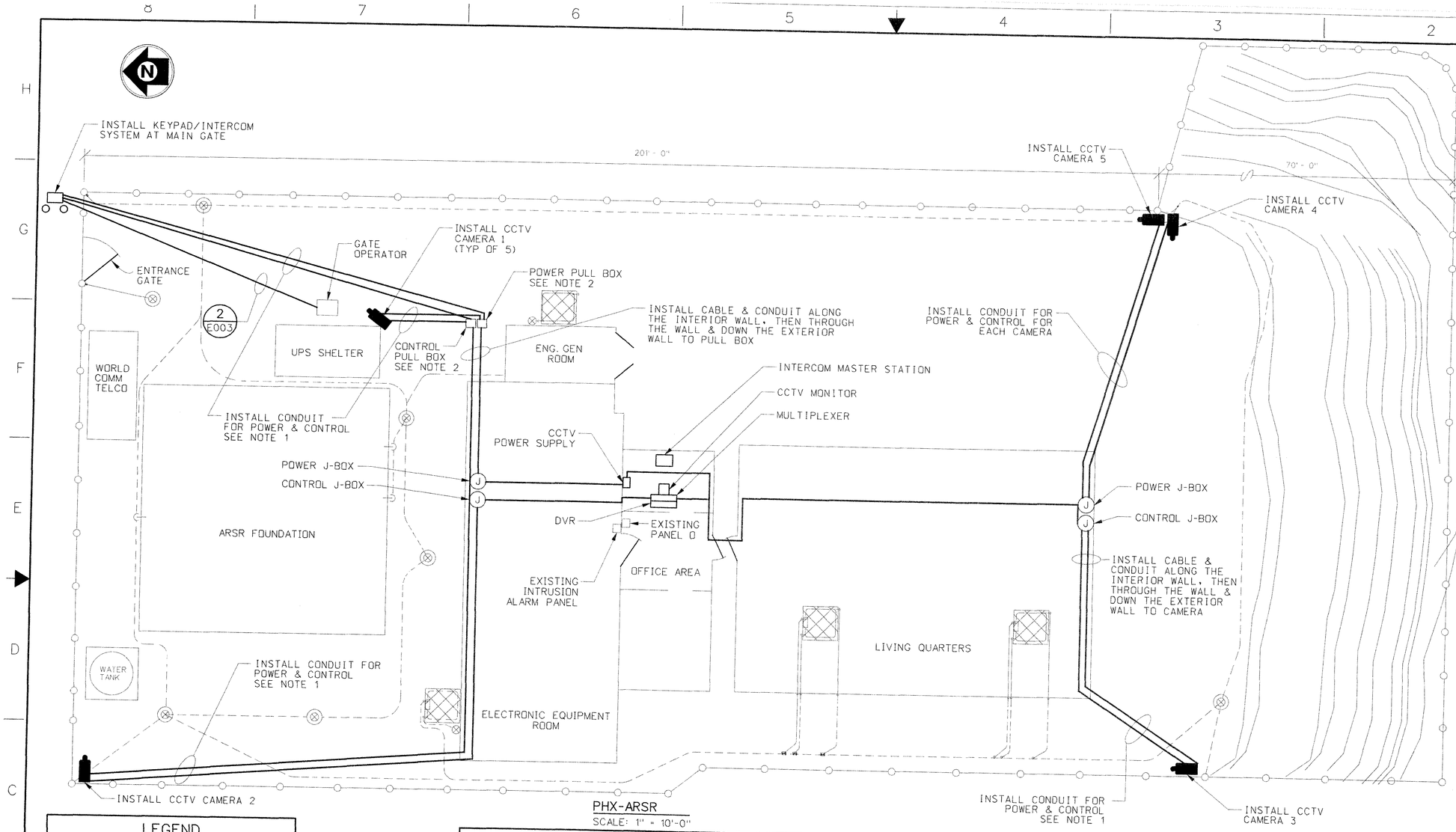


PHX-ARSR
SCALE: 1" = 10'-0"

ATTENTION

A. THE CONTRACTOR SHALL EMPLOY THE SERVICE OF UNDERGROUND UTILITY LOCATING COMPANY TO VERIFY LOCATION OF UNDERGROUND UTILITY LINES AND POT HOLE. EXISTING CABLE AND UTILITY SHALL BE LOCATED AND MARKED PRIOR TO CONSTRUCTION. ANY DAMAGE DONE TO UNDERGROUND CABLE AND UTILITY SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR AT HIS EXPENSE. THE CONTRACTOR SHALL ACCOMPLISH THIS REQUIREMENT PRIOR TO STARTING ANY EXCAVATION WORK AT THE SITE.

B. LOCATION OF NEW AND EXISTING EQUIPMENT SHOWN IS APPROX. ONLY. ACTUAL LOCATION TO BE DETERMINED AT TIME OF INSTALLATION.

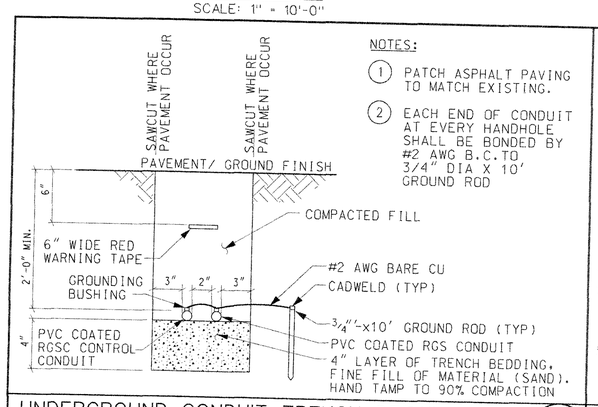
C. ALL TRENCHING TO BE DONE BY HAND.

LEGEND

- GROUND WELL TYPICAL
- CADWELD CONNECTION TYPICAL
- GROUND ROD OR PLATE TYPICAL
- UNDERGROUND GROUND WIRES

NOTES:

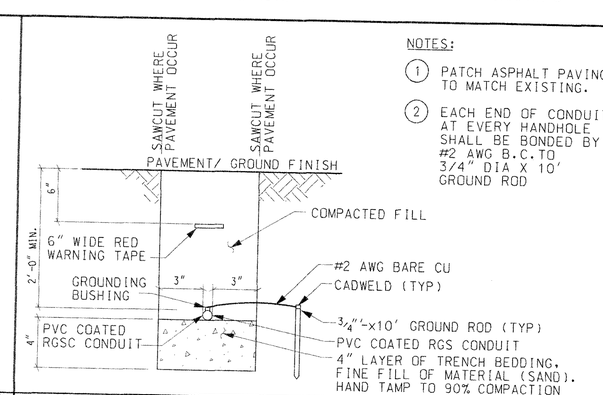
1. INSTALL 3/4" PVC COATED RGS CONDUIT. SEE DETAIL 1 E003
2. INSTALL PULL BOX FOR POWER AND CONTROL. BOX SHOULD BE TRAFFIC RATED AT 20000 LBS WITH BOLT DOWN COVERS. MODEL PCB 11 18 18 AN4 BY NEWBASIS OR APPROVED EQUAL. THE COVERS SHOULD BE MARKED "FAA POWER" OR "FAA CONTROL". SEAL CONDUIT PENETRATION WITH APPROPRIATE SEALANT.
3. CONDUIT ROUTE IS DIAGRAM MATIC AND TO BE FIELD VERIFIED.
4. ALL CONDUITS IN BUILDING INTERIOR SHALL BE EMT.
5. ALL UNDERGROUND CONDUITS SHALL BE RIGID STEEL PVC COATED.



NOTES:

1. PATCH ASPHALT PAVING TO MATCH EXISTING.
2. EACH END OF CONDUIT AT EVERY HANDHOLE SHALL BE BONDED BY #2 AWG B.C.TO 3/4" DIA X 10' GROUND ROD

UNDERGROUND CONDUIT TRENCH DETAIL 1 E003
NOT TO SCALE



NOTES:

1. PATCH ASPHALT PAVING TO MATCH EXISTING.
2. EACH END OF CONDUIT AT EVERY HANDHOLE SHALL BE BONDED BY #2 AWG B.C.TO 3/4" DIA X 10' GROUND ROD

UNDERGROUND CONDUIT TRENCH DETAIL 2 E003
NOT TO SCALE

10' 0 10' 20'
SCALE: 1" = 10'

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO - TECHNICAL OPERATIONS WESTERN SERVICE AREA

ARSR
MT. HUMBOLDT ARSR-1
SECURITY SYSTEM INSTALLATION
POWER AND CONTROL

PHOENIX AZ

REVIEWED BY
SUBMITTED BY: CAMIE PHAM, PROJECT ENGINEER
APPROVED BY: HARRY MOREAU, MGR: ENGINEERING - LA
DESIGNED CP
DRAWN JF
CHECKED CP
ISSUED BY: ENGINEERING SERVICES INFRASTRUCTURE
DATE 10/01/2009 JCN 807569
DRAWING NO PHX-D-ARSR-E003 REV

ISSUED FOR CONSTRUCTION

TRACKED

DRAWING PRODUCED ON WSA MICROSTATION SYSTEM