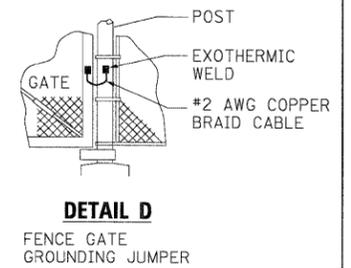
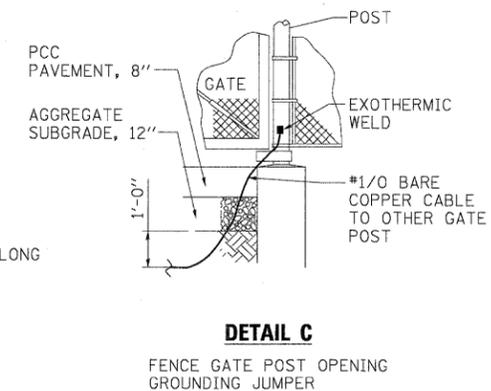
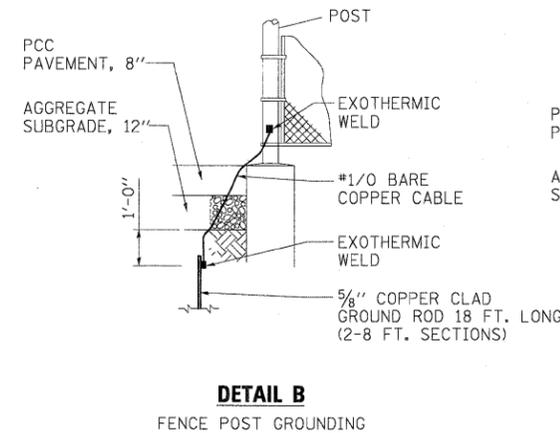
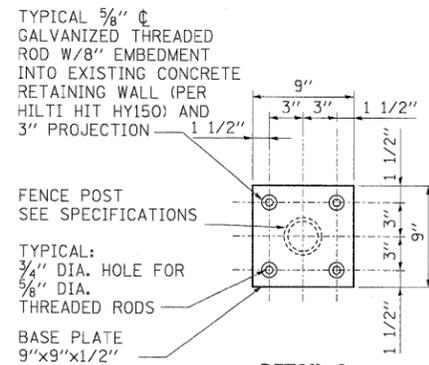
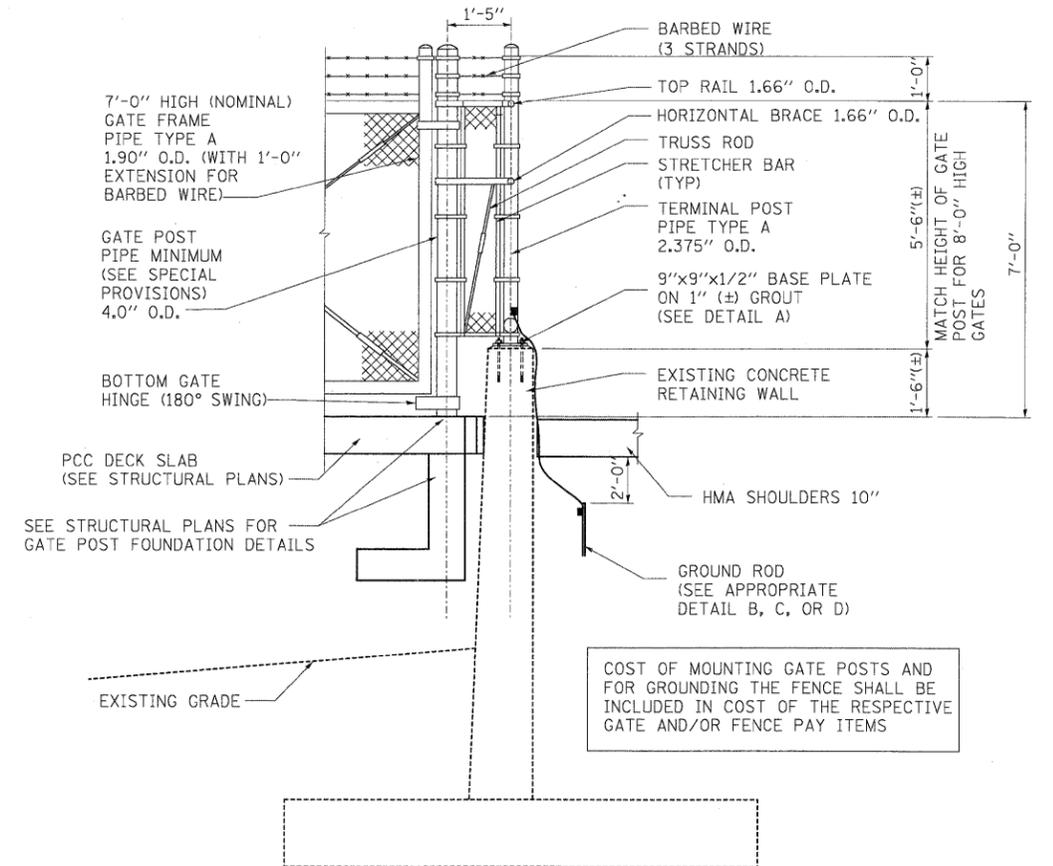


HAR FOUNDATION NOTES:

1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
2. THE FOUNDATION SHALL BE A MONOLITHIC POUR. NO CONSTRUCTION JOINTS WILL BE ALLOWED.
3. ALL REINFORCEMENT AND DETAILING SHALL CONFORM TO ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".
4. ALL REINFORCEMENT BARS SHALL BE DEFORMED BILLET STEEL BARS CONFORMING TO ASTM & 615 GRADE 60 WITH Fy=60,000 PSI.
5. 3" CONCRETE COVER SHALL BE PROVIDED.
6. A TEMPORARY CASING SHALL BE INSTALLED TO A DEPTH BELOW THE EXISTING GROUND LEVEL TO PREVENT SEEPAGE INTO THE SHAFT AND TO A DEPTH NECESSARY TO PREVENT COLLAPSE OF THE SHAFT SIDEWALLS. SEE SOIL BORING LOGS FOR GROUND WATER LEVELS AND SOIL STABILITY INFORMATION AT EACH LOCATION.
7. ANCHOR BOLTS AND ANTENNA TOWER SHALL BE AS PER ANTENNA MANUFACTURER. CONTRACTOR MUST ENSURE THAT THE ANCHOR BOLTS AND ANTENNA ARE ORIENTED SUCH THAT THE ANTENNA TOWER CAN ROTATE 90 DEGREES DURING INSTALLATION WITH OUT AFFECTING TRAFFIC MOVEMENTS.
8. THE FOUNDATION SHALL BE GROUNDED.
9. BACKFILL SHALL BE PLACED PER ARTICLE 502 OF THE STANDARD SPECIFICATIONS AND PRIOR TO ERECTION OF ANTENNA.



FILE NAME =
#FILEL#



DESIGNED	NWS	REVISED	-
DRAWN	RJD	REVISED	-
CHECKED	RJD	REVISED	-
DATE	10/29/2010	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DAN RYAN PUMP STATION #26
RETAINING WALL AND TRUCK PARKING AREA
DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2010-075-1	COOK	33	8
CONTRACT NO. 60L61			ILLINOIS FED. AID PROJECT	