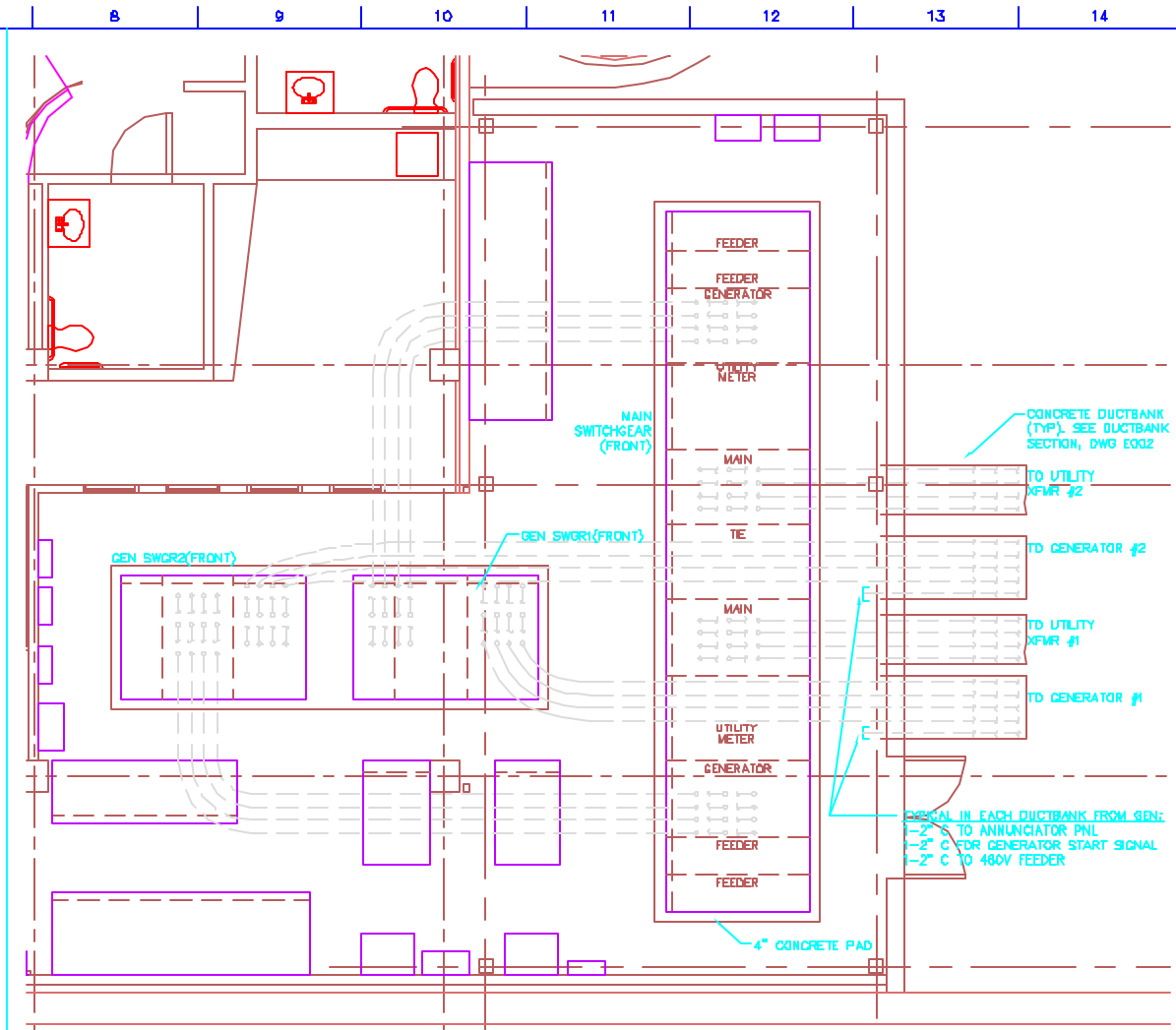
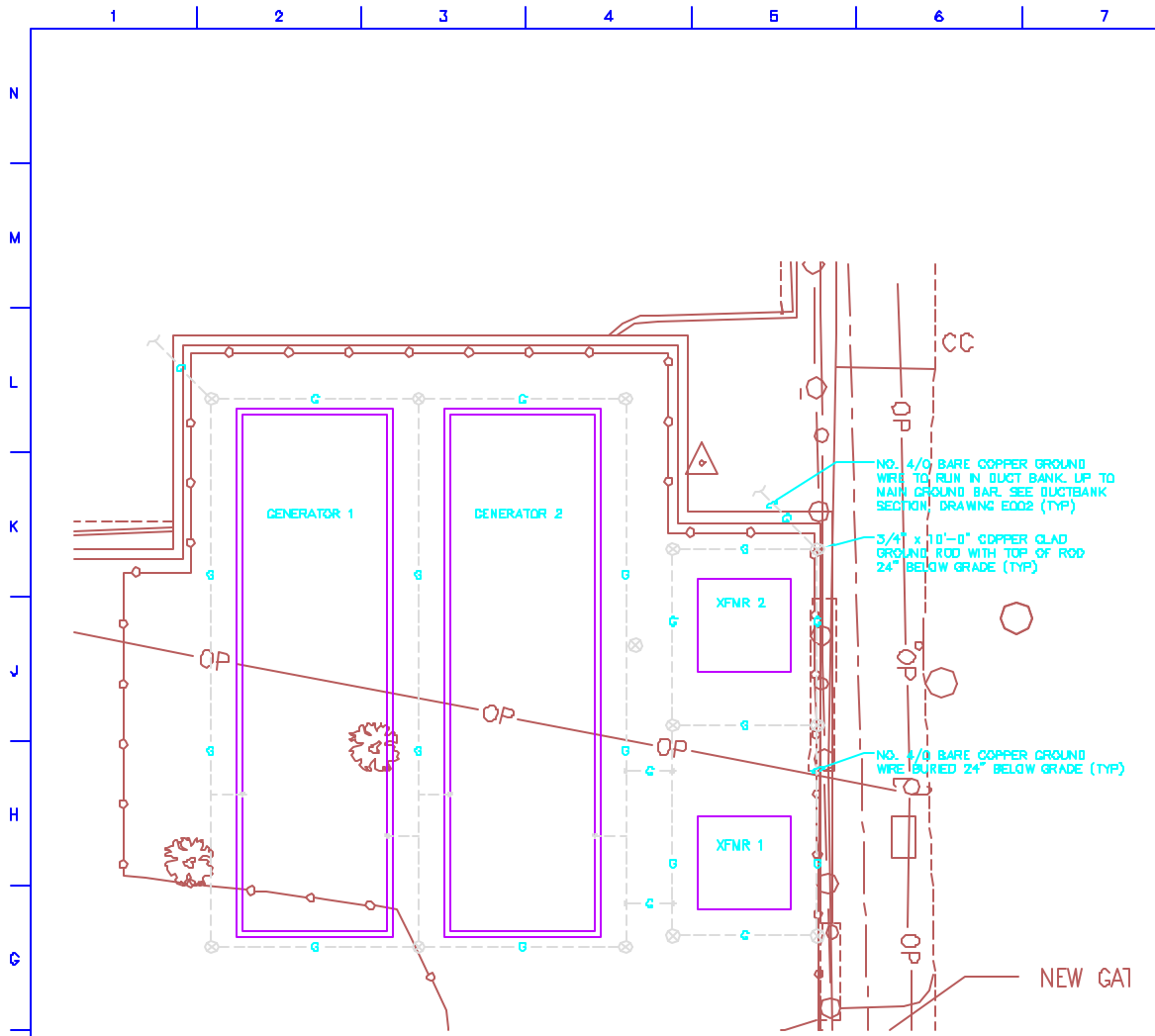




KEYED NOTES

GENERAL NOTES

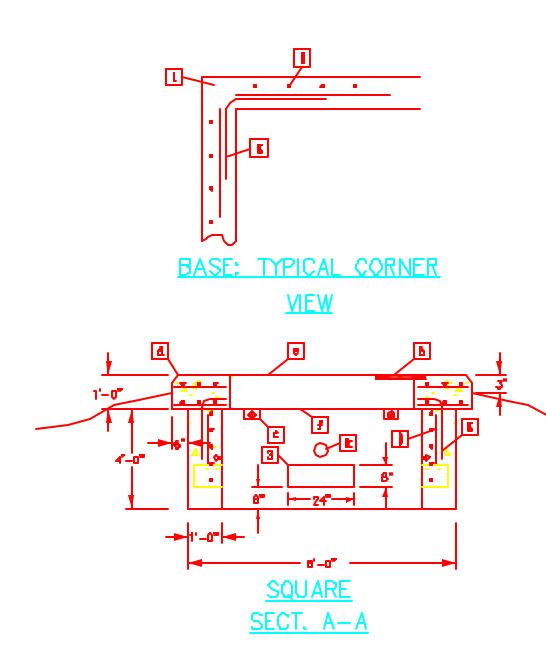
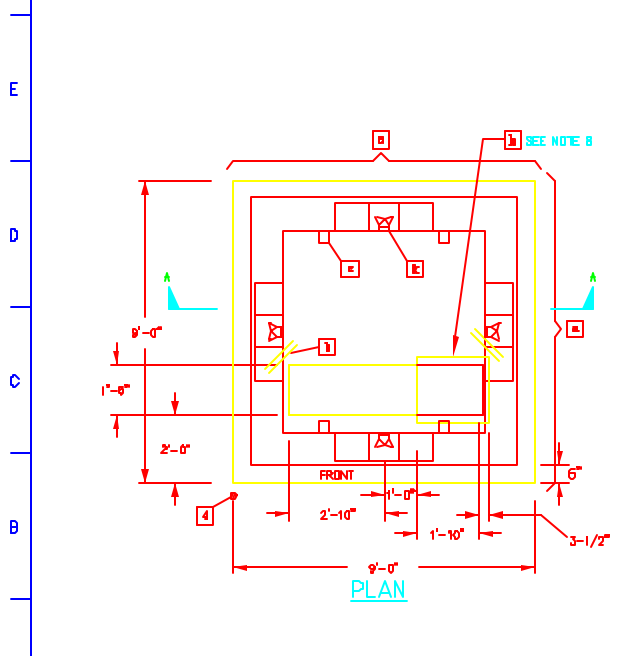
1. FOR SYMBOLS AND GENERAL NOTES, SEE DWG E601
2. FOR CONDUIT AND WIRE SIZE SEE FEEDER SCHEDULE ON DWG E401.
3. ROOF DRAINS SHALL RUN AWAY FROM THE SWITCHGEAR.

F1 TRANSFORMER AND GENERATOR GROUNDING

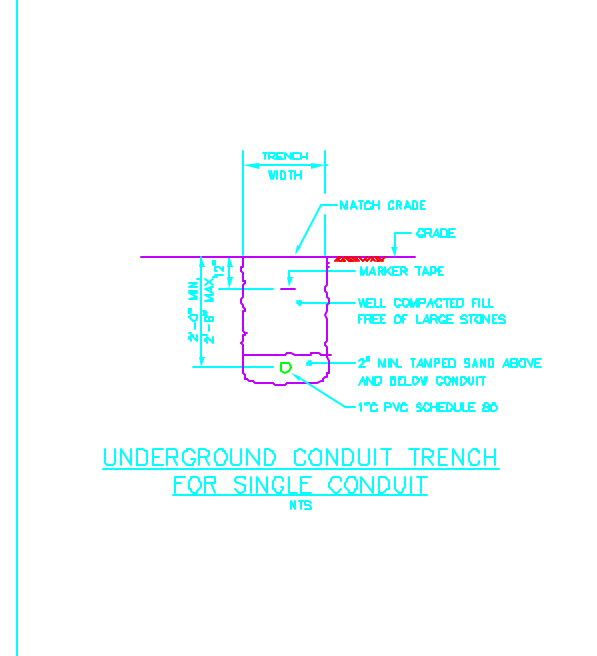
F8 ELECTRIC ROOM PART PLAN

1/8"=1'-0"

1/4"=1'-0"



- NOTES:
1. FRONT DENOTES THE SIDE ON WHICH THE ACCESS DOORS ARE LOCATED. THE FOUNDATION MUST BE LOCATED SO THAT THE FRONT IS ACCESSIBLE BY TRUCK AND SUITABLY PROTECTED FROM PLOW AND TRAFFIC DAMAGE.
 2. THE CONCRETE BASE SHALL BE SET ON A SUITABLE GRAVEL BASE. PROVIDE ADEQUATE DRAINAGE AWAY FROM THE BASE. FINISH GRADE SHALL BE GRADED AWAY FROM THE FOUNDATION.
 3. PROVIDE 8"x24" CABLE HOLES (BOND OUTS) 8" UP THE WALL FROM THE BASE. LOCATE ON CABLE HOLE PER WALL. WIRE IF NECESSARY. LINE UP CABLE HOLES WITH TRENCH.
 4. CMP CO. TO FURNISH A 3/4"x8' GALVANIZED GROUND ROD TO BE INSTALLED SIX INCHES IN FRONT OF THE LEFT FRONT CORNER OF THE FOUNDATION. THE TOP OF THE GROUND ROD IS TO BE 6 INCHES BELOW FINAL GRADE.
 5. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI @ 28 DAYS. FOR CAST-IN-PLACE EARLY HIGH STRENGTH MAY BE USED WITH A MINIMUM OF SEVEN DAY CURE TIME.
 6. REINFORCING STEEL TO HAVE: F_y = 60 KSI.
 7. FOR PRECAST UNITS, THE PRECAST SUPPLIER SHALL PROVIDE LIFTING LUGS IN THE SLAB (FOUNDATION) AND BASE. THE PRECAST SUPPLIER SHALL ASSEMBLE THE SLAB TO THE ASE PRIOR TO SHIPPING TO THE SITE TO ENSURE THAT THE SLAB AND BASE FIT PROPERLY (WITH NO ROCKING OF THE SLAB EVIDENT).
 8. CMP WILL SUPPLY A 24"x1/4" GALVANIZED STEEL PLATE TO COVER A PORTION OF THE CABLE HOLE WHEN THE TRANSFORMER DOES NOT COMPLETELY COVER IT. CMP IS TO CUT THE STEEL PLATE IF NECESSARY.
 - a. 9 - #5 REBAR EVENLY SPACED EACH WAY TOP TO BOTTOM.
 - b. 2 - #4 CORNER DIAGONAL REBAR 2'-0" LONG TOP AND BOTTOM.
 - c. 4"x4"x1/2" ANGLE 6" LONG WITH 2 - 3/4" DIAMETER EXPANSION ANCHORS TYPICAL - 4 PLACES (TWO PRECAST ONLY).
 - d. CHAMFER TYPICAL.
 - e. 2" CONCRETE COVER OVER TOP REBAR.
 - f. 3" CONCRETE COVER OVER BOTTOM REBAR.
 - g. #5 L-BAR @ 12" (CAST-IN-PLACE-ONLY).
 - h. 24"x24"x1/4" GALVANIZED STEEL PLATE.
 - i. 6X6 W/4" @ CENTER OF COVER.
 - j. #6 REBAR ON 12" CENTERS.
 - k. PULLING EYE INSERT, FOR USE WITH 3/4" NATIONAL COARSE THREAD EYE-BOLT, (RICHMOND LBS-1 OR EQUIVALENT), LOCATED OPPOSITE EACH CABLE HOLE AND 2' (TWO FEET) FROM THE BOTTOM.
 - l. ALL REBAR ENDS TO BE COVERED BY 1" OF CONCRETE, MINIMUM.



A1 TRANSFORMER PAD DETAIL

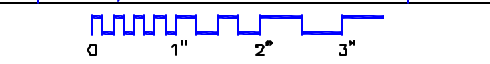
A11 DIRECT BURIED CONDUIT

N.T.S.

N.T.S.

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0	FOR CONSTRUCTION	7/13/01
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ELECTRICAL
DETAILS

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