



CONSTRUCTION POWER LINE LAYOUT

SR. NO.	COORDINATES	REMARKS
1	3100 S 1180 W	REF. DNG S-301
2	5100 S 0100 W	
3	0100 N 5185 E	
4	0110 N 0130 E	
5	3100 S 0180 E	
6	5130 S 13175 E	
7	4170 N 2135 E	
8	4170 N 3135 E	
9	0150 N 2135 E	
10	0150 N 1280 E	
11	10130 N 2180 E	
12	0175 N 2180 E	
13	24135 N 4185 E	
14	2130 S 2120 W	
15	2100 S 5185 E	
16	4195 S 13182 E	
17	0195 S 13182 E	
18	0180 S 5180 W	
19	2190 S 2100 N	
20	7140 N 0100 W	
21	7140 N 2180 E	
22	14150 N 0100 W	
23	13100 N 0100 W	
24	2140 S 0100 E	

GATE SCHEDULE FOR FENCE WORK

GATE NO.	LOCATION	CLEAR OPENING	NUMBER REQD.	TYPE
1	ACROSS TRACK	18'-0"	2	DOUBLE LEAFED SWINGING GATE
2	ACROSS ROAD	24'-0"	1	DOUBLE LEAFED SWINGING GATE
3	MID-BAY DRIVE BUILDING	10'-0"	1	DOUBLE LEAFED SWINGING GATE
4	MAIN ENTRANCE	16'-0"	2	SLEIGH GATE
5	COOP SHED HOUSE BUILDING DRIVE	4'-0"	5	SINGLE LEAFED SWINGING GATE

UNLESS OTHERWISE NOTED BY THE ARCHITECT, ALL DIMENSIONS SHOWN ON THIS DRAWING SHALL BE IN FEET AND INCHES, FRACTIONS OF INCHES BEING INDICATED BY THE FOLLOWING SYMBOLS: 1/8", 1/4", 3/8", 1/2", 5/8", 3/4", 7/8". DIMENSIONS OF 1/8" SHALL BE NOTED AS 0.125". DIMENSIONS OF 1/4" SHALL BE NOTED AS 0.250". DIMENSIONS OF 3/8" SHALL BE NOTED AS 0.375". DIMENSIONS OF 1/2" SHALL BE NOTED AS 0.500". DIMENSIONS OF 5/8" SHALL BE NOTED AS 0.625". DIMENSIONS OF 3/4" SHALL BE NOTED AS 0.750". DIMENSIONS OF 7/8" SHALL BE NOTED AS 0.875".



ALL ELEVATIONS SHOWN ON THE DRAWINGS FOR WORK WITHIN THE PLANT SITE PROPERTY BOUNDARY ARE BASED ON AN ARBITRARY DATUM WHERE REFERENCE PLANT GRADE 410'-0" TO CONVERT TO MEAN SEA LEVEL DATUM, ADD 375'-0" TO THE ELEVATIONS SHOWN ON THE DRAWINGS.

GRAPHIC SCALE

GENERAL NOTES

- 1. CONSTRUCTION AND DEMOLITION OF CONTAINMENT CONSTRUCTION RAMP INCLUDING THE TEMPORARY PLATFORMS SHOWN ON THE DRAWINGS SHALL BE BY THE CONCRETE STRUCTURE AND SITEWORK CONTRACTOR. THE SOIL MATERIAL FROM THE DEMOLITION OF CONSTRUCTION RAMP SHALL BE DISPOSED IN THE DESIGNATED SOIL AREA IN ACCORDANCE WITH JOB SPECIFICATION V-2177. AFTER DEMOLITION OF CONSTRUCTION RAMP THE ROAD GRADING AND DRAINAGE SHALL BE REFINISHED TO MATCH WITH THE FINISHED GRADING PLANS AS INDICATED ON THE DWGS. ALL THE CONSTRUCTION TRACKS SHALL BE DEMOLISHED AND THE MATERIAL BE HAULED TO A STORAGE AREA WITHIN THE PLANT SITE AS AND WHEN REQUIRED.
- 2. WHERE NECESSARY A TRANSITION BETWEEN THE VERTICAL CURVES SHALL BE PROVIDED AND SHALL BE IN THE TRANSITION RAMP TO START AT THE END OF THE FIRST CURVE AND TO END AT THE BEGINNING OF THE SECOND CURVE. THE TRANSITION SHALL BE AT AN ANGLE OF 45° OR LESS DEPENDING UPON THE SITUATION. THE CURVES SHALL BE CONFORMED TO THE EXISTING CHANNEL ELEVATION WITHIN THE PLANT SITE TO PREVENT DAMAGE TO CHANNELS. THE TRANSITION SHOULD BE A SQUARE EXCAVATION TO A MINIMUM OF 8' SQUARE. EXCAVATION SHALL BE FULLY BENCHES RESULTING FROM THE WORK SHALL BE FULLY BENCHES WITH 4:1 SLOPE AND 2' MINIMUM TOP WIDTH.
- 3. ALL EXCAVATIONS AND FILL SHALL BE 4:1 HORIZONTAL TO VERTICAL UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- 4. ALL ELEVATIONS SHOWN ARE FINISHED ROAD ELEVATIONS UNLESS NOTED OTHERWISE. GRAVEL STONE IN SWITCH YARD AREA IS INDICATED BY "X" MARKS IN SWITCH YARD AREA. TRACKS ARE NOT PERMANENT TRACKS FROM STATION 0+00 TO STATION 0+50. ALL PERMANENT TRACKS SHALL BE 4 FEET WIDE INCLUDING 4 FEET SHOULDERS ON EACH SIDE UNLESS NOTED OTHERWISE. ALL APPROACH RAMP TO WASHBOYS SHOPS AND OFFICE BUILDINGS SHALL BE 16 FEET WIDE UNLESS NOTED OTHERWISE. ALL CURVE POINT ELEVATIONS SHALL BE THE SAME AS CURVE INLET/OUTLET INLET ELEVATIONS UNLESS NOTED OTHERWISE.
- 5. ALL DRAINAGE DITCHES SHALL HAVE A BOTTOM WIDTH OF 2' UNLESS NOTED OTHERWISE.
- 6. CURVE DATA FOR ALL TRACKWORK HAVE BEEN COMPUTED BY THE 3-D DEFINITION METHOD. ALL CURVE DATA HAVE BEEN COMPUTED BY THE 3-D DEFINITION METHOD UNLESS NOTED OTHERWISE. H+V INDICATES HIGH POINT ELEVATION OF DITCH. L+V INDICATES LOW POINT ELEVATION OF DITCH. (C) INDICATES CURVE NUMBER.
- 7. ALL ELEVATIONS ARE FINISHED GRADE ELEVATIONS UNLESS OTHERWISE NOTED. APPROXIMATE THE DRAWING NEAR THE TITLE BLOCK IT IS NOT REQUIRED THAT ITEMS ON THE DRAWING BE SUBJECT TO A QUALITY ASSURANCE PROGRAM WHICH MEETS THE REQUIREMENTS OF DCFR 50 APPENDIX B.
- 8. ALL CONTRACTED FILL FOR ALL ROADWORK TRACK ROADWAYS BRIDGES AND OTHER AREAS SHALL BE PLACED AFTER TOPSOIL REMOVAL. THE DEPTH OF TOPSOIL SHALL BE AS INDICATED IN THE BIDDING LOGS OR AS STIPULATED IN THE BIDDING LOGS. MATERIALS SHALL BE OBTAINED AFTER STRIPPING AND TOPSOIL REMOVAL.

REFERENCE DRAWING

- S-290 ACCESS ROAD TO RIVER PUMP HOUSE SECTION DETAILS
- S-291 ACCESS ROAD TO RIVER PUMP HOUSE PROFILES AND INTERSECTION DETAILS
- S-300 SITE PLAN - SHEET 1
- S-304 GRADING ROADWORK & DRAINAGE - SHEET 2

PPC APERTURE CARD

NO.	DATE	REVISION	BY	CHKD.	APPV'D.	DESCRIPTION
1	11/26/72					
2	12/11/72					
3	01/07/73					
4	02/01/73					
5	02/21/73					
6	03/01/73					
7	03/01/73					
8	03/01/73					
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23	03/01/73					
24	03/01/73					

SITE PLAN
SHEET 2
MABLE HILL NUCLEAR GENERATING STATION
UNITS 1 & 2
PUBLIC SERVICE - ILLINOIS
PLANNED BY: J. WILSON
DATE: 11/26/72
DRAWN BY: J. WILSON
CHECKED BY: J. WILSON
APPROVED BY: J. WILSON



8305040352

RIDS

