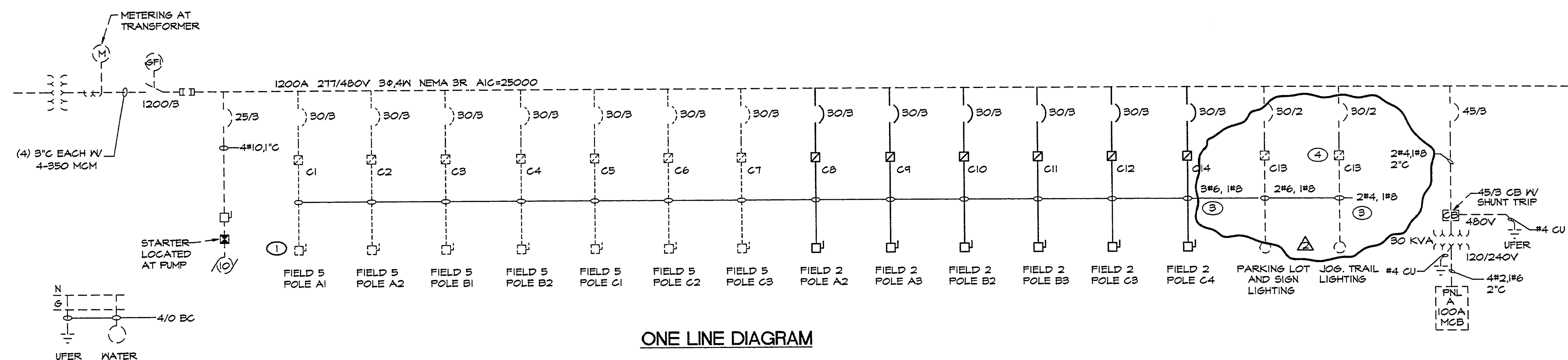
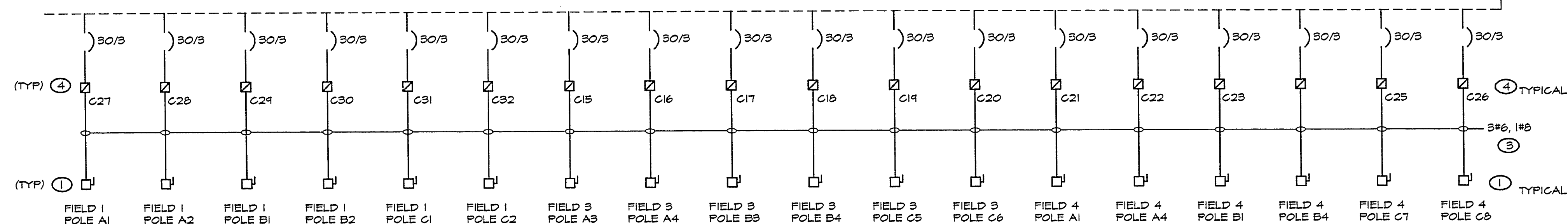




ONE LINE DIAGRAM

NOTES

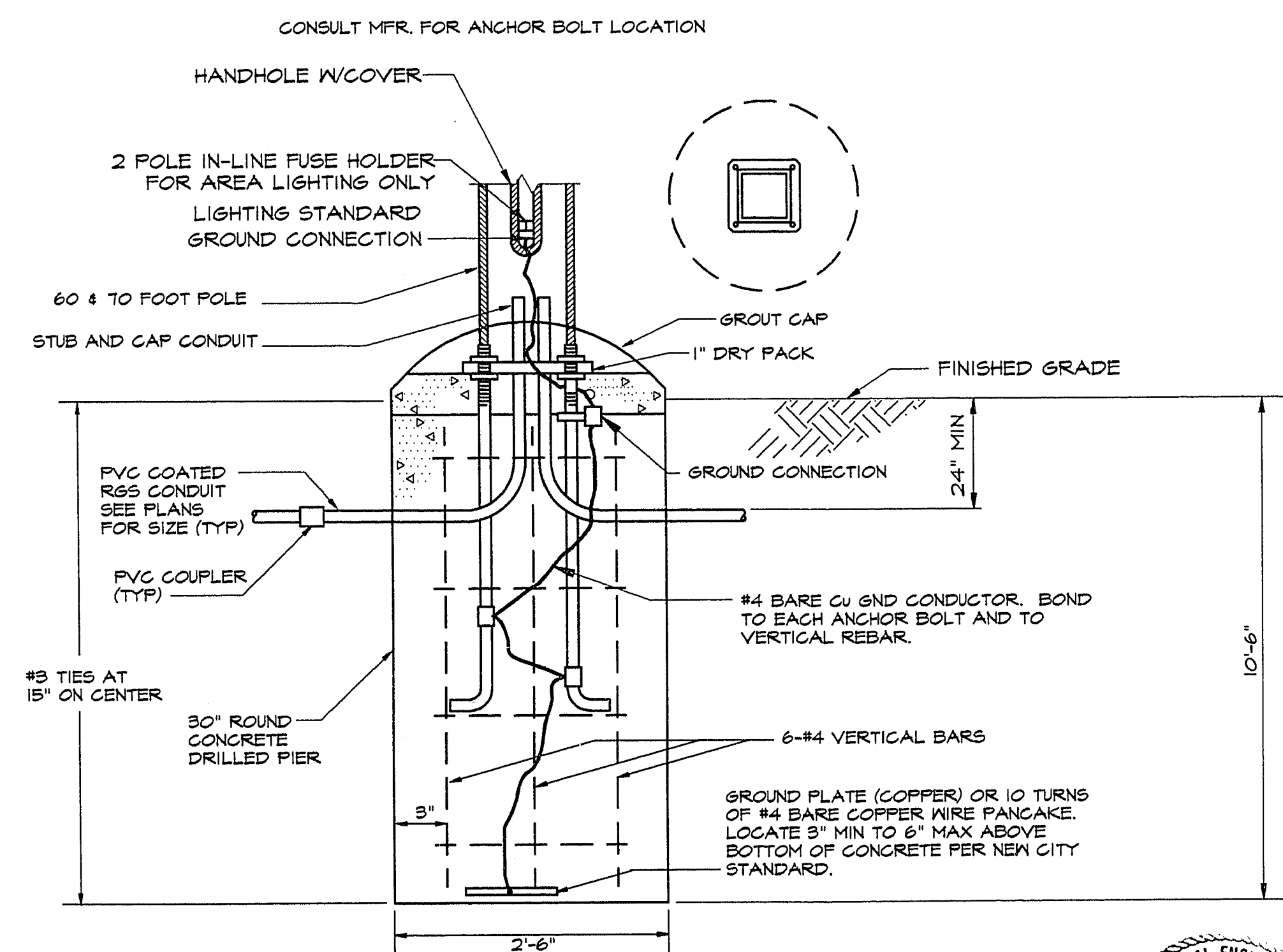
- ① LOCATE DISCONNECT SWITCH MIN. 15' AFG. (TYP).
- ② WIRE SIZES SHOWN ARE BASED ON COPPER UNLESS NOTED OTHERWISE.
- ③ SEE PLAN DRAWING FOR CONDUIT SIZES.
- ④ SEE CONTACTOR SCHEDULE (TYP)
- ⑤ LINES SHOWN AS DASHED INDICATE EXISTING.



PANEL A, 3 PH, 4 WIRE, 120/208 VOLTS 100 A MCB SURFACE MOUNTED MIN INTERRUPTING RATING 10,000 RMS SYM AMPS LOCATION: RESTROOM NEMA 1									
L=LIGHTS, R=RECEPTACLES, M=MECHANICAL EQUIPMENT, S=SPACE ONLY, SC=SPARE CIRCUIT, E=EXISTING, G=GFI BREAKER, MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKERS, N=NEW									
POLY SPACE CKT #		CIRCUIT USE	CKT BKR RATING	CONNECTED LOAD VA			CKT BKR RATING	CIRCUIT USE	POLY SPACE CKT #
#				A	B	C			#
1	1	E-L-BUILDING	20	750 480			20	E-L-STORAGE	2
3	3	E-L-BATH	20	750 400			20	E-R-STORAGE	4
5	5	SC	20				20	E-HEAT LAMP	6
7	7	SC				1875	20	E-HEAT LAMP	8
9	9	E-L-KIOSK	20		1875		20	E-EXHAUST FAN	10
11	11	N-R-AT BALLFIELD POLES		750 120			20	E-EXHAUST FAN	12
13	13	E-SHOW MOBILE	60/2	4160 1440			20	REMOTE LIGHTING E-CONTROLLER	14
15	15	X	X	4160 1440			20	REMOTE LIGHTING E-CONTROLLER	16
17	17	IRRIGATION CONTROLLER			500 1440		20	IRRIGATION E-CONTROLLERS	18
19	19	SO					20	THE CLOCK AND E-BOOSTER PUMP LT6.	20
21	21	SO		200			20	SC	22
23	23	SO					20	SC	24
25	25	SO					20	SC	26
27	27	SO					20	SC	28
29	29	SO					20	SC	30
31	31								32
33	33								34
35	35								36
37	37								38
39	39								40
41	41								42
EXISTING PANEL				8405 22300	8105 5240				

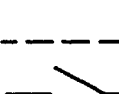
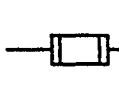
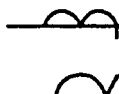
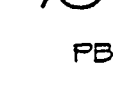
LIGHTING FIXTURE SCHEDULE						
FIXT ID	TYPE	MANUFACTURER AND CATALOG NO.	LAMPS		CKT. YLTS.	REMARKS AND MOUNTING
			NO.	WATTS		
B	TYPE V DIST HPS ARE LTG.	Q/L/MVC HB-20-B-HPS-150-480-DBZ RV/RSG-20-5.0-T-BRZP-T2 POLE	1	150	LU150	480 20" DIA FIXTURE PROVIDE FUSING IN BASE OF POLE
C	TYPE 2 DIST HPS AREA LTG	Q/L/MVC HB-20-2-HPS-150-480-DBZ RV/RSG-20-5.0-T-BRZP-T2 POLE	1	150	LU150	480 20" DIA FIXTURE PROVIDE FUSING IN BASE OF POLE
F	BRACKET MOUNTED HPS ARE LIGHTING	Q/L/MVC GF-20-K-6X2-HPS-150- 480-DBZ W/MBT-2.3T5"	1	150	LU150	480 PROVIDE FUSING IN BASE OF POLE
6	POLE MOUNTED HID FIXTURE ASSEMBLY	MUSCO L560-3+3-LV8	6	1500	MVR1500/ HBU/E	480 60" POLE H/ RECEPTACLE
H	POLE MOUNTED HID FIXTURE ASSEMBLY	MUSCO L560-5+5-LV8	10	1500	MVR1500/ HBU/E	480 70" POLE
J	POLE MOUNTED HID FIXTURE ASSEMBLY	MUSCO L570-3-LV8	3	1500	MVR1500/ HBU/E	480 70" POLE

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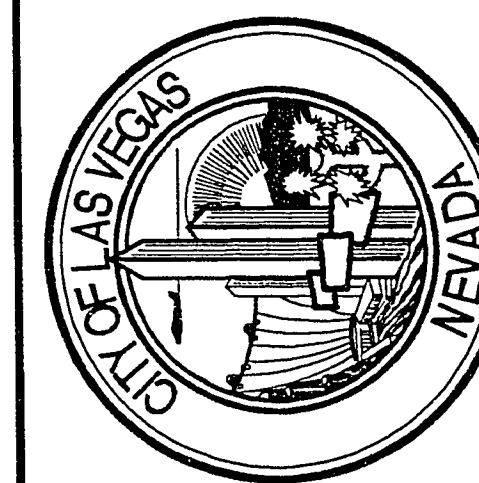
BALLFIELD POLE CONCRETE BASE DETAIL

NOT TO SCALE

- # LEGEND
- | | |
|---|--|
|  | PANELBOARD SURFACE MOUNTED |
|  | SWITCHBOARD |
|  | TRANSFORMER |
|  | DISCONNECT SWITCH F INDICATES FUSIBLE |
|  | CONTACTOR |
|  | CIRCUIT SHEET NOTE DESIGNATION |
|  | BRANCH CIRCUIT CONSISTING OF 2#12 IN MINIMUM SIZE CONDUIT NOT INCLUDING GROUND WIRE |
|  | HOME RUN TO PANELBOARD OR DEVICE - NUMBER OF ARROW HEADS INDICATES NUMBER OF CIRCUITS |
|  | BRANCH CIRCUIT - SHORT SLASHES INDICATE NUMBER OF PHASE OR SWITCH LEGS, LONG SLASHES INDICATE NUMBER OF NEUTRALS, LONG SLASH W/ A DOT INDICATES A SEPARATE ISOLATED GROUND WIRE. |
|  | CONDUIT IN SLAB OR UNDERGROUND |
|  | INTERRUPTER SWITCH |
|  | FUSE |
|  | CIRCUIT BREAKER |
|  | METERING |
|  | CURRENT TRANSFORMERS |
|  | MOTOR OUTLET |
| FB | FULL BOX |
| WP | WEATHERPROOF |
| GFI | GROUND FAULT CIRCUIT INTERRUPTER |
| ST | SHUNT TRIP |

Δ	2-08-45	TWL	BALLFIELD EXTENSION
Δ	9-20-45	TWL	ONELINE REVISION

REV.	DATE	BY	REVISION DESCRIPTION
 THE MARK GROUP, INC. ENGINEERS & GEOLOGISTS 2975 SOUTH RANDOLPH BOULEVARD LAS VEGAS, NEVADA 89102			DRAWN BY: <u>LJS</u> DESIGNED BY: <u>TAL</u> APPROVED BY: <u>TOM KROB</u>

ELECTRICAL LEGEND, ONE LINE, DETAILS,
AND SCHEDULES

CHILDRENS MEMORIAL PARK PHASE III

PROJECT NO: 4157
DATE: 1-04-95
SCALE: HORIZ: 1"=1"
VERT: AS SHOWN
DWG FILE: 4157/ONLINE
DWG NO. 650-35-4

SHEET

OF SHEETS

