

DETAIL - STRUCTURE HUNG TRANSFORMER
NO SCALE

EX. PANEL LP-1A 14,000 A.I.C. SURFACE				
277/480 VOLTS 3Ø 4 WIRE 125 AMP MAIN L.O.				
DESCRIPTION	B	C	B	DESCRIPTION
WATER HEATER	20	1	2	
SPARE	20	3	4	NEW PANEL RP-1A
SPARE	20	5	6	
SPARE	20	7	Ø	- SPACE
SPARE	-	9	10	- SPACE
SPARE	-	11	12	- SPACE
SPARE	-	13	14	- SPACE
SPARE	-	15	16	- SPACE
SPARE	-	17	18	- SPACE
SPARE	-	19	20	- SPACE
SPARE	-	21	22	- SPACE
SPARE	-	23	24	- SPACE

* FURNISH AND INSTALL NEW CIRCUIT BREAKER

NEW PANEL RP-1A 10,000 A.I.C. SURFACE				
120/208 VOLTS 3Ø 4 WIRE 175 AMP MAIN BRKR.				
DESCRIPTION	B	C	B	DESCRIPTION
LIGHTING	20	1	2	LIGHTING
LIGHTING	20	3	4	LIGHTING
LIGHTING	20	5	6	RECEPTACLES
RECEPTACLES	20	7	8	RECEPTACLES
RECEPTACLES	20	9	10	RECEPTACLES
RECEPTACLES	20	11	12	RECEPTACLES
RECEPTACLES	20	13	14	RECEPTACLES
DISHWASHER	20	15	16	RECEPTACLES
REFRIGERATOR	20	17	18	RECEPTACLES
RECEPTACLES	20	19	20	RECEPTACLES
RECEPTACLES	20	21	22	RECEPTACLES
STERILIZER	20	23	24	RECEPTACLES
SPARE	20	25	26	WATER HEATER
SPARE	20	27	28	
SPARE	20	29	30	SPARE
SPARE	-	31	32	- SPACE
SPARE	-	33	34	- SPACE
SPARE	-	35	36	- SPACE
SPARE	-	37	38	- SPACE
SPARE	-	39	40	- SPACE
SPARE	-	41	42	- SPACE

EX. PANEL LP-1D 14,000 A.I.C. SURFACE				
277/480 VOLTS 3Ø 4 WIRE 225 AMP MAIN L.O.				
DESCRIPTION	B	C	B	DESCRIPTION
LIGHTING	20	1	2	
LIGHTING	20	3	4	EXIST. PANEL RP-1D
LIGHTING	20	5	6	
SPARE	20	7	Ø	- SPACE
SPARE	-	9	10	- SPACE
SPARE	-	11	12	- SPACE
SPARE	-	13	14	- SPACE
SPARE	-	15	16	- SPACE
SPARE	-	17	18	- SPACE
SPARE	-	19	20	- SPACE
SPARE	-	21	22	- SPACE
SPARE	-	23	24	- SPACE
SPARE	-	25	26	- SPACE
SPARE	-	27	28	- SPACE
SPARE	-	29	30	- SPACE
SPARE	-	31	32	- SPACE
SPARE	-	33	34	- SPACE
SPARE	-	35	36	- SPACE
SPARE	-	37	38	- SPACE
SPARE	-	39	40	- SPACE
SPARE	-	41	42	- SPACE

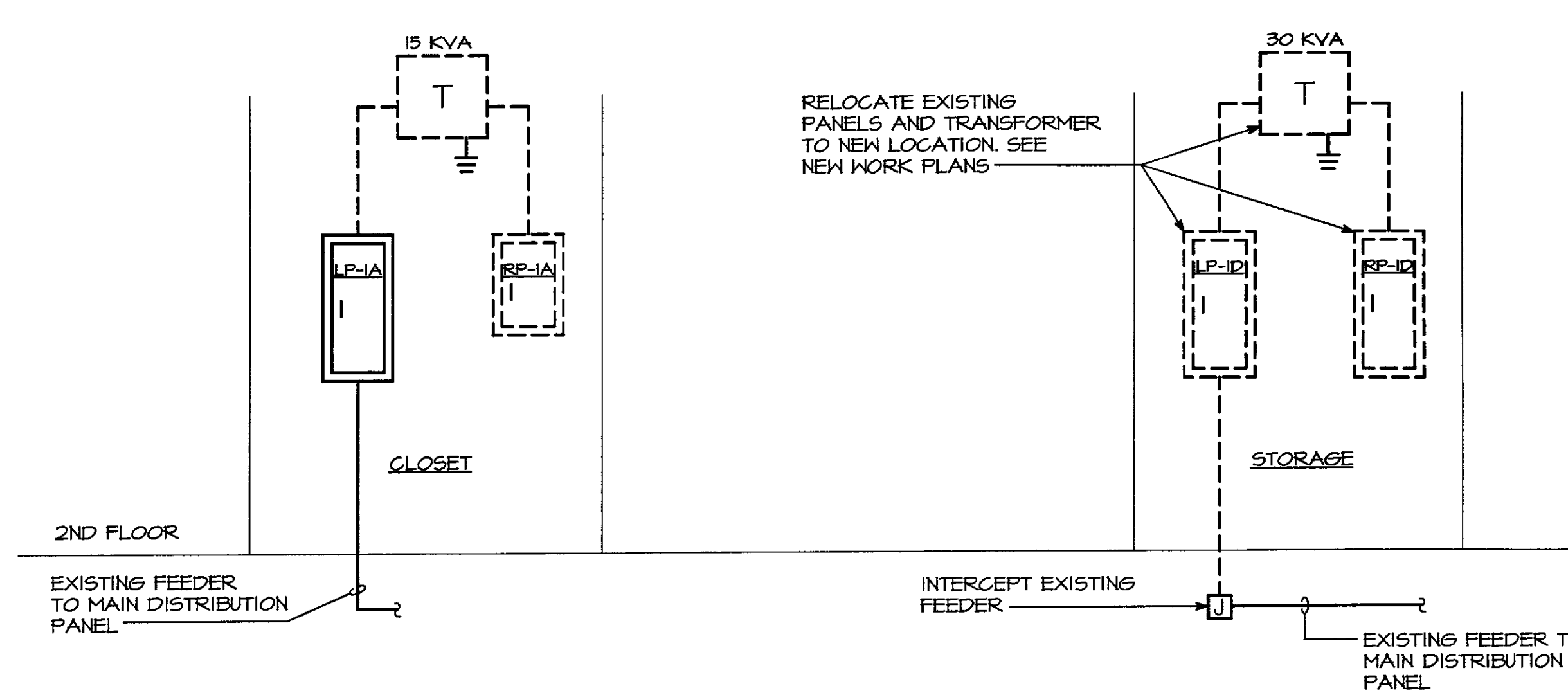
EX. PANEL RP-1D 10,000 A.I.C. SURFACE				
120/208 VOLTS 3Ø 4 WIRE 100 AMP MAIN BRKR.				
DESCRIPTION	B	C	B	DESCRIPTION
RECEPTACLES	-	1	2	- RECEPTACLES
RECEPTACLES	-	3	4	- RECEPTACLES
RECEPTACLES	-	5	6	- RECEPTACLES
RECEPTACLES	-	7	8	- RECEPTACLES
RECEPTACLES	-	9	10	- RECEPTACLES
RECEPTACLES	-	11	12	- RECEPTACLES
RECEPTACLES	-	13	14	- RECEPTACLES
RECEPTACLES	-	15	16	- SPARE
RECEPTACLES	-	17	18	- SPARE
SPARE	-	19	20	- SPARE
SPARE	-	21	22	- SPARE
SPARE	-	23	24	- SPARE
SPARE	-	25	26	- SPARE
SPARE	-	27	28	- SPARE
SPARE	-	29	30	- SPARE
SPARE	-	31	32	- SPACE
SPARE	-	33	34	- SPACE
SPARE	-	35	36	- SPACE
SPARE	-	37	38	- SPACE
AHU-1 *	45	39	40	ACCU-2 *
AHU-2 *	45	41	42	ACCU-1 *

* FURNISH AND INSTALL NEW CIRCUIT BREAKER

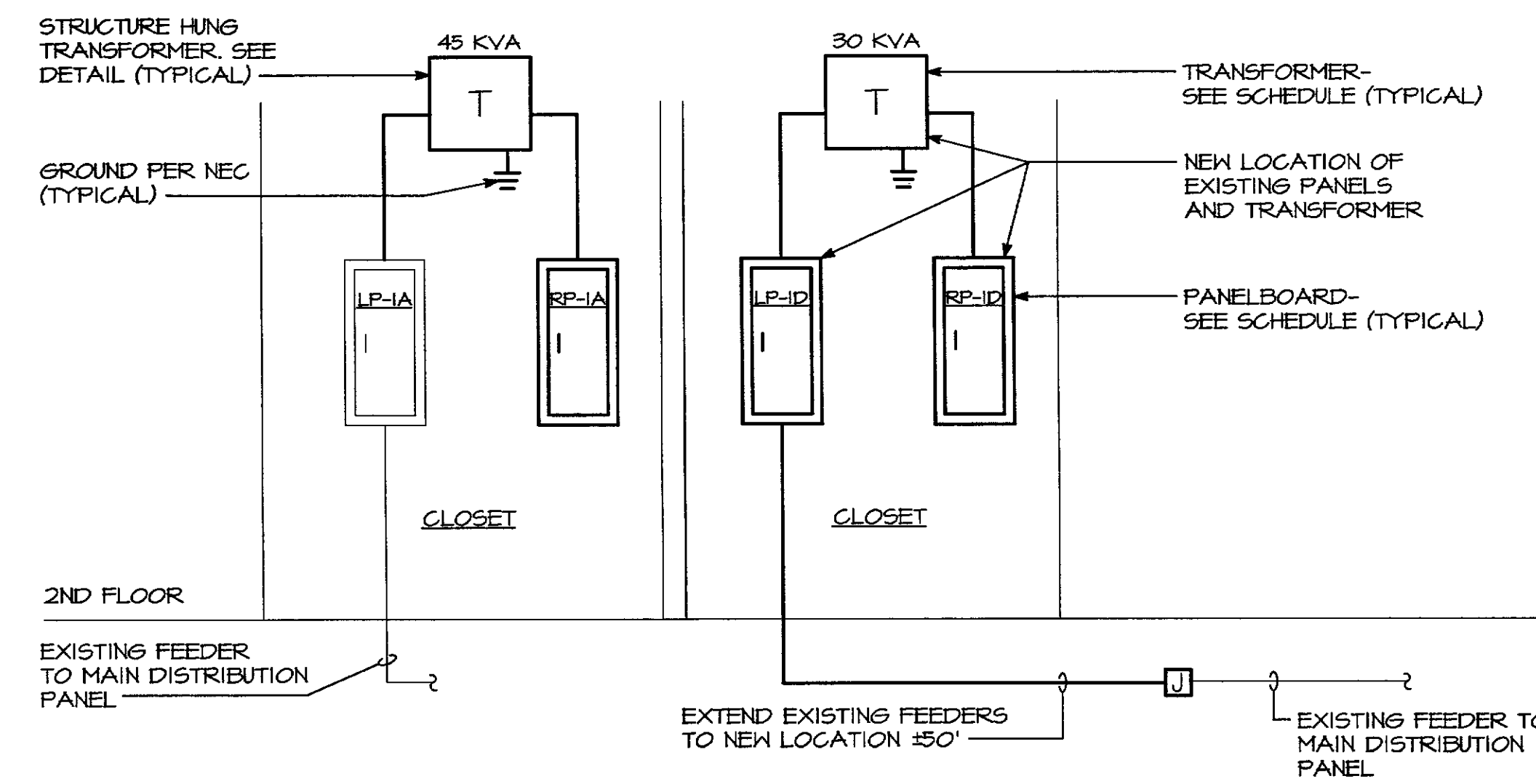
NURSE CALL SYSTEM			
TYPE	LOCATION	DESCRIPTION/VOLTAGE	CAT. #
NEP	PATIENT PREP/ PATIENT RECOVERY SINGLE GANG BACK BOX 48" AFF	HAND HELD CALL CORD WITH RESET BUTTON AT WALL. SEPARATE EMERGENCY CALL ACTIVATED BY REMOVAL OF PENDANT CHORD FROM WALL PANEL (PREFERRED), OR SEPARATE WALL BUTTON. PROVIDE CEILING MOUNTED INDICATION LIGHT IMMEDIATELY OUTSIDE CUBICLE CURTAIN TRACK AT EACH RECOVER/PREP POSITION.	EXPEDITOR NCCB SERIES
NEP	PATIENT TOILET/ PATIENT DRESSING TWO GANG BACK BOX ROTATED 90° 48" AFF	WALL MOUNTED CALL SWITCH ACTIVATED BY PULL ON CHORD. PULL MUST NOT BE CANCELED BY SECOND OR REPEATED PULL ON CHORD. PROVIDE RESET BUTTON ABOVE CHORD ATTACHMENT, OR SIMILAR SEPARATE RESET PROVISION. PROVIDE WALL OR CEILING MOUNTED INDICATION LIGHT/TONE DEVICE OUTSIDE OF DOOR IDENTIFYING TYPE OF CALL. LOCATED TO MAXIMIZE STAFF VISIBILITY/NOTIFICATION.	EXPEDITOR NCPG SERIES
NEP	PROCEDURE ROOM SINGLE GANG BACK BOX 48" AFF	EMERGENCY CALL ("CODE BLUE"), WALL MOUNTED CALL BUTTON WITH HINGED "ELBOW PLATE" TO FACILITATE EMERGENCY ACTIVATION. PUSH ONCE TO INITIATE CALL, PUSH SECOND TIME TO CANCEL (ALL OFF). PROVIDE WALL OR CEILING MOUNTED INDICATION LIGHT/TONE DEVICE OUTSIDE OF DOOR IDENTIFYING TYPE OF CALL. LOCATED TO MAXIMIZE STAFF VISIBILITY/NOTIFICATION.	EXPEDITOR P-1C SERIES
NEP	NURSE CONTROL/ SITE MANAGERS/ NURSE CONSULTANT/ STAFF LOUNGE BACK BOX FURNISHED BY EXPEDITOR INSTALLED BY ELECT. CONTR. 48" AFF	5 KEY ROOM STATUS PANEL WITH TONE; SHOWS WHICH ROOMS ARE OCCUPIED, STAFF LOCATION, WHICH PATIENTS ARE NEXT, WHERE ASSISTANCE IS NEEDED OR WHERE A SPECIAL PROCEDURE IS REQUIRED.	EXPEDITOR P-6C SERIES
NEP	BUSINESS BACK BOX FURNISHED BY EXPEDITOR INSTALLED BY ELECT. CONTR. 48" AFF	5 KEY ROOM STATUS PANEL WITH TONE; SHOWS WHICH ROOMS ARE OCCUPIED, STAFF LOCATION, WHICH PATIENTS ARE NEXT, WHERE ASSISTANCE IS NEEDED OR WHERE A SPECIAL PROCEDURE IS REQUIRED.	EXPEDITOR P-6C SERIES
NEP	PROCEDURE ROOM TWO GANG BACK BOX 12" AFF BELOW 'CB' DEVICE	KICK PLATE	EXPEDITOR KP-1 SERIES
N	COMPUTER ROOM	CENTRAL PROCESSING UNIT (CPU); CONTROLS ALL LIGHT PANEL FUNCTIONS. REQUIRES (1) SINGLE LINE (RL-1IC) TELEPHONE JACK AND (1) DEDICATED POWER OUTLET.	EXPEDITOR

DRY TYPE TRANSFORMERS - 3Ø					
PRIMARY: 480V DELTA			SECONDARY: 120/208V WYE		
KVA	C/B	CONDUCTORS-C.	GRD	C/B	CONDUCTORS-C. GRD
30	3P50A	3#6-3/4"C	#10	3P100A	4#1-2"C #6
45	3P10A	3#4-1"C	#8	3P15A	4#2/0-2"C #4

- TRANSFORMER NOTES:**
- GROUND PRIMARY & SECONDARIES PER NEC.
 - ALL CONDUITS SHALL BE FLEXIBLE.
 - SECONDARY CONDUCTORS SHALL NOT EXCEED 10 FEET LONG TO FIRST OVERCURRENT PROTECTION DEVICE.



POWER RISER DIAGRAM-DEMOLITION
NO SCALE
* ITEMS SHOWN DASHED SHALL BE REMOVED AND ITEMS SHOWN CONTINUOUS SHALL REMAIN.



POWER RISER DIAGRAM-NEW WORK
NO SCALE
* ITEMS SHOWN LIGHT ARE EXISTING TO REMAIN AND ITEMS SHOWN BOLD ARE NEW

REVISIONS

REV	DATE	DESCRIPTION

DRIVING IN: E4
SHEET: 4 OF 5
DATE: 1/4/01
JOB NUMBER: 1-100C
DRAWN BY: NLS
CHECKED BY: TEF

Scale: 1/8" = 1'-0", 1/4" = 1'-0"

SCHEDULES AND RISERS

DON PENN ENGINEERS
CONSULTING
3860 HIGHWAY 390A, SUITE 101
GRAPEVINE, TEXAS 76007
817-410-2868 FAX 817-261-8411

InSync ARCHITECTURAL DESIGNS, INC.
3837 JARRETSVILLE PIKE
JARRETSVILLE, MARYLAND 21084
PHONE 410-557-9300
FAX 410-557-2983

RENOVATIONS TO:
RMS LIFELINE
DETROIT