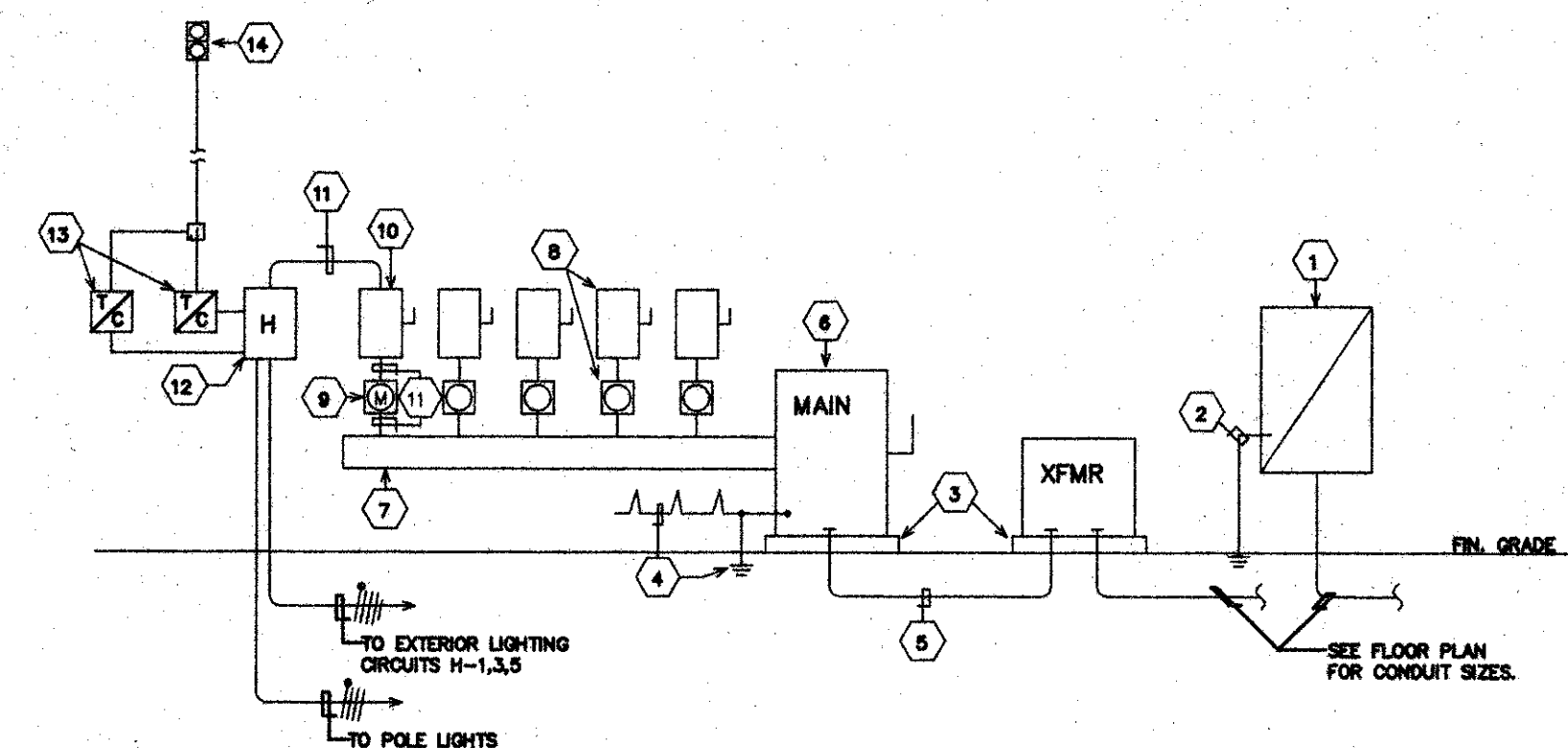


PANELBOARD SCHEDULE: 'H'										SIEMENS 'S1' SERIES (NEMA BR ENCLOSURE)										
LOCATION: SIDE EXT WALL					BUS AMPERE RATING: 225 A					MAIN DEVICE: MLD					SHORT CIRCUIT DUTY, RMS SYM, kA @ 10					
MOUNTING SURFACE																				
LOAD	V-A	C/B	P	A	R	C	P	C/B	V-A	LOAD	V-A	C/B	P	A	R	C	P	C/B	V-A	
SITE LIGHTING	1050	1P/20A	1	X			2	1P/20A	900	RECEPTACLES										
SITE LIGHTING	1650	1P/20A	3	X			4	1P/20A	100	TIMECLOCK										
SITE LIGHTING	1050	1P/20A	5	X			6	1P/20A	100	FLOW SWITCH										
SPARE	0	1P/20A	7	X			8	1P/20A	1500	HEATING										
SPACE	0	1P/20A	9	X			10	1P/20A	1000	BLDG										
SPACE	0	BLANK	11	X			12	1P/20A	875	LITG										
SPACE	0	BLANK	13	X			14	BLANK	0	SPACE										
SPACE	0	BLANK	15	X			16	BLANK	0	SPACE										
SPACE	0	BLANK	17	X			18	BLANK	0	SPACE										
SPACE	0	BLANK	19	X			20	BLANK	0	SPACE										
SPACE	0	BLANK	21	X			22	1P/20A	0	SPACE										
SPACE	0	BLANK	23	X			24	1P/20A	0	SPACE										
CALCULATIONS:										LOAD ANALYSIS										
PHASE 'A' - DDD										4740										
PHASE 'A' - EVEN										2400										
PHASE 'A' - TOTAL										3450										
PHASE 'B' - DDD										1650										
PHASE 'B' - EVEN										1100										
PHASE 'B' - TOTAL										2750										
PHASE 'C' - DDD										1050										
PHASE 'C' - EVEN										975										
PHASE 'C' - TOTAL										2025										
V-A TOTAL										8225										

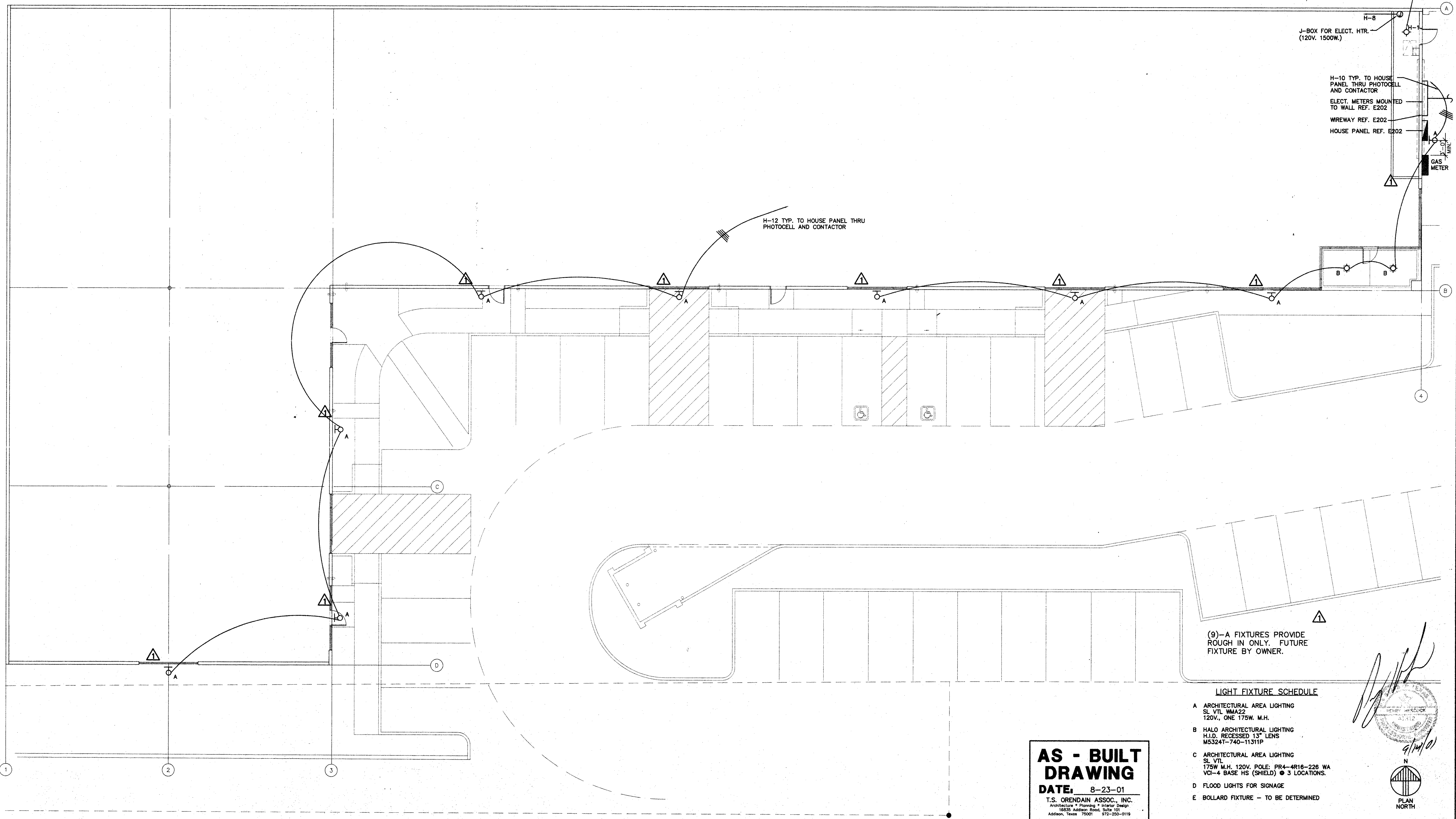


ELECTRICAL RISER DIAGRAM
NO SCALE

- KEY NOTES TO RISER
- 24"X48"X12" WEATHERPROOF TELEPHONE ENCLOSURE WITH GASKETED LOCKABLE ACCESS DOOR, & 1/2" GRADE PLYWOOD BACKGROUD (OF SAME SIZE INSIDE).
 - #6 CU. TO MAIN BUILDING GROUND.
 - 4" CONCRETE HOUSEKEEPING PAD.
 - GROUNDING, BONDING, & GROUNDING ELECTRODE SYSTEM PER NEC 250. MINIMUM GROUNDING ELECTRODE CONDUCTOR #3/0 CU. 3/4" DIAMETER 10' COPPER GROUND ROD.
 - THREE #10 (PC OR R.G.C.) EACH WITH 4/8" THIN CU. (OR 4/8" HOLE THIN AL).
 - 600A/100A/3P MAIN FUSED SWITCH. S.E. LABEL WITH GROUNDING KIT.
 - 8"X18" LENGTH REQUIRED WEATHERPROOF WIREWAY WITH GASKETED ACCESS COVER.
 - TYPICAL FUTURE TENANT SERVICE DISCONNECT SWITCH & METER.
 - METER BASE BY ELECTRICAL CONTRACTOR TO POWER COMPANY SPECIFICATIONS. METER BY POWER COMPANY.
 - 100A/100A/3P FUSED WEATHERPROOF S.E. LABEL MAIN DISCONNECT SWITCH FOR OWNER'S PANEL 'Y'.
 - 4/8" THIN CU. & 1/8" CU. GROUND, 1 1/4" R.G.C.
 - OWNER'S PANEL 'Y'. SEE PANEL SCHEDULE.
 - TIMELOCK FOR EXTERIOR LIGHTING. SEVEN-DAY, SUNDAY TYPE.
 - PHOTOCELL MOUNTED ON ROOF FACING NORTH.

ELECTRICAL LOAD CALCULATION - SHELL BUILDING	
JOB NAME:	AMO OFFICE/WAREHOUSE
PHASE JOB #	7869-97
SQUARE FOOT AREA:	21318
LIGHTING @ 3W./S.F.	79842.5
RECEPTACLES @ 1W./S.F.	20159
MISCELLANEOUS LOAD @ 2W./S.F.	42636
HVAC @ 8W./S.F.	34108.8
WINDOW LINEAR FOOT	0
SHOW WINDOW: 200W./L.F.	0
TOTAL CALC. LOAD	178846.3
178846.3 / (208V X SQ. ROOT OF 3) =	491.2397222 AMPS
SERVICE SIZE:	600A.
	120/208V., 3PH., 4W.

ELECTRICAL RISER DIAGRAMS AND SCHEDULES SCALE: NONE E202



- LIGHT FIXTURE SCHEDULE
- A ARCHITECTURAL AREA LIGHTING SL. VTL. WMA22 120V., ONE 175W. M.H.
 - B HALO ARCHITECTURAL LIGHTING H.I.D. RECESSED 13" LENS M5324T-740-11311P
 - C ARCHITECTURAL AREA LIGHTING SL. VTL. 175W. M.H. 120V. POLE: PR4-4R16-226 WA VOI-4 BASE HS (SHIELD) @ 3 LOCATIONS.
 - D FLOOD LIGHTS FOR SIGNAGE
 - E BOLLARD FIXTURE - TO BE DETERMINED

AS - BUILT DRAWING
DATE: 8-23-01
T.S. ORENDAIN ASSOC., INC.
Architecture • Planning • Interior Design
16835 Addison Road, Suite 101
Addison, Texas 75001 972-250-0119

ELECTRICAL FLOOR PLAN SCALE: 1/8"=1'-0" E201

AMO
16835 ADDISON ROAD
SUITE 101
ADDISON, TX 75001
TEL: 972-250-0119
FAX: 972-250-3197

ADDISON PARK CENTRE
OFFICE/TECH./FLEX.
PHASE 1
16835 ADDISON ROAD ADDISON, TEXAS

to
T.S. Orendain Associates Inc.
Architecture • Planning • Interior Design

16835 Addison Road
Suite 101
Addison, Texas 75001
(972) 250-0119

JOB: 8396 DATE: 2/25/2000
DRAWN: CHECKED:

Date	Issued For / Description	Permit Issue	T.D.L.R.
8-17-98			
11-1-99			
2-25-2000	100% ISSUED FOR CONSTRUCTION		
8-9-2000	GENERAL REVISION		

ELECTRICAL RISER DIAGRAM AND SCHEDULES, ELECTRICAL FLOOR PLAN