

EDI ARCHITECTS, INC.
 ARCHITECTURE PLANNING ENGINEERING INTERIOR DESIGN
 8440 WALNUT HILL LANE
 SUITE 100
 DALLAS, TEXAS 75201
 516 / 750-1868
 516 / 458-8308

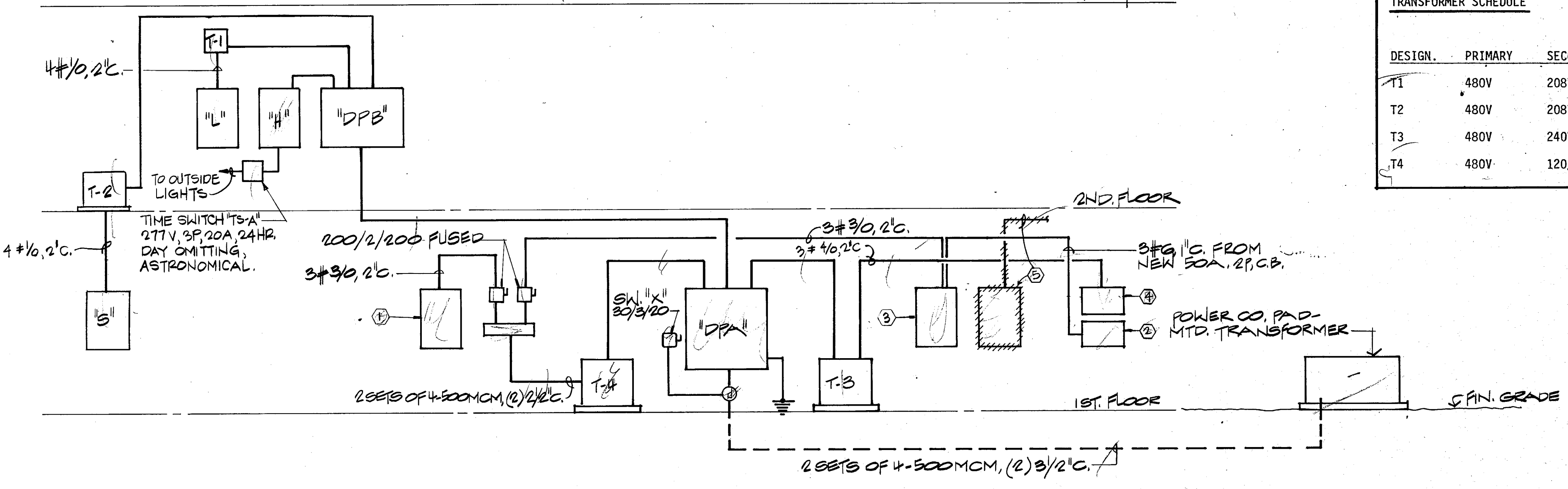
TOWN OF ADDISON
 ADDISON

ADDITION TO PUBLIC WORKS SERVICE CENTER
 Addison, Texas
 Westgrove Road

DATE: 11 JUNE 86
 24 JULY 1986 - BID
 SHEET NO: MEP1.1
 OF SHEETS: 881-08
 JOB NO: 881-08

ELECTRICAL SYMBOLS

SYMBOLS	DESCRIPTION
	FLUORESCENT FIXTURES.
	STRIP FLUORESCENT.
	INCANDESCENT OR H.I.D. FIXTURE.
	WALL-MOUNTED INCANDESCENT OR H.I.D. FIXTURE.
	EXIT LIGHT.
	SINGLE POLE SWITCH, 20A, 120V.
	3-WAY SWITCH.
	DUPLEX RECEPTACLE, 20A, 125V, 3-WIRE, GROUNDED TYPE - 12" A.F.F. OR AS INDICATED.
	TELEPHONE OUTLET. 12" A.F.F.
	JUNCTION BOX.
	MOTOR.
	DISCONNECT SWITCH.
	PANELBOARD.
	DISTRIBUTION PANEL.
	CONDUIT CONCEALED IN OR BELOW FLOOR, SLAB OR GRADE.
	FLEXIBLE CONNECTION.
	CONDUIT IN CEILING OR WALLS; HATCHMARK INDICATED NUMBER OF CONDUCTORS.
	NO MARKS INDICATE TWO CONDUCTORS.
	HOME RUN TO PANEL, CIRCUIT NUMBER AS INDICATED.
	FIRE ALARM AUDIO VISUAL INDICATOR.
	MANUAL FIRE ALARM PULL STATION.
	SPECIAL PURPOSE RECEPTACLE.
	DIMMER SWITCH.
	SWITCH WITH PILOT LIGHT.
	DUPLEX RECEPTACLE, 20A, 125V, 3-WIRE, ISOLATED GROUND TYPE.
	QUADRAPLEX RECEPTACLE.
	WALL OUTLET WITH BLANK COVER PLATE 4" E.C. STUB-UP INTO CEILING SPACE FOR FUTURE COMPUTER.
	POKE-THRU BOX WITH QUADRAPLEX RECEPTACLE.
	POKE-THRU BOX WITH TELEPHONE OUTLET.
	DUCT MOUNTED SMOKE DETECTOR.



TRANSFORMER SCHEDULE

DESIGN.	PRIMARY	SECONDARY	KVA	MOUNTING
T1	480V	208Y/120V3Ø	45	FLOOR
T2	480V	208Y/120V3Ø	45	FLOOR
T3	480V	240V 3Ø	75	FLOOR
T4	480V	120/240V 1Ø	100	FLOOR

RISER DIAGRAM

NOT TO SCALE

- NOTES:
- RE-USED 120/240V, 1Ø, 3W, 200A M.L.O. PANEL IN OFFICE-AREA
 - RE-USED 120/240V, 1Ø, 3W M.L.O. PANEL BELOW 3Ø PANEL.
 - RE-USED 120/240V, 1Ø, 3W, 200A M.L.O. PANEL IN WAREHOUSE.
 - RE-USED 240V, 3Ø, 200A M.L.O. PANEL IN WAREHOUSE.
 - REMOVE EXIST. 200A M.L.O. DISTRIBUTION PANEL & SERVICE DISCONNECT & REMOVE ALL EXIST. FEEDER CONDUCTORS.

TOWN OF ADDISON
 BUILDER'S COPY OF PLANS
 This set of plans contains various corrections and comments made by the City Staff. All trades will be required to crop all notes of this information, but not be allowed as a reason for non-compliance which is in violation of local ordinances. This set of plans is to be kept on the job site at all times and is to be made available for use by city inspectors at their request. Failure to have these plans available may delay approval of a requested inspection.

1. SAND TRAPS MUST GO TO SANITARY SEWER. SAND TRAP MUST BE LOCATED OUTSIDE BUILDING. IF SAND TRAP IS NOT UNDER A CONVEYER, IT MUST HAVE SLOPED LEADS. AREA DRAINS MUST BE UNDER COVER WHILE RAIN WATER MAY NOT ENTER.
 2. SANITARY AND STORM DRAIN LINES MUST BE KEPT SEPARATE.

DISTRIBUTION PANEL "DPA"

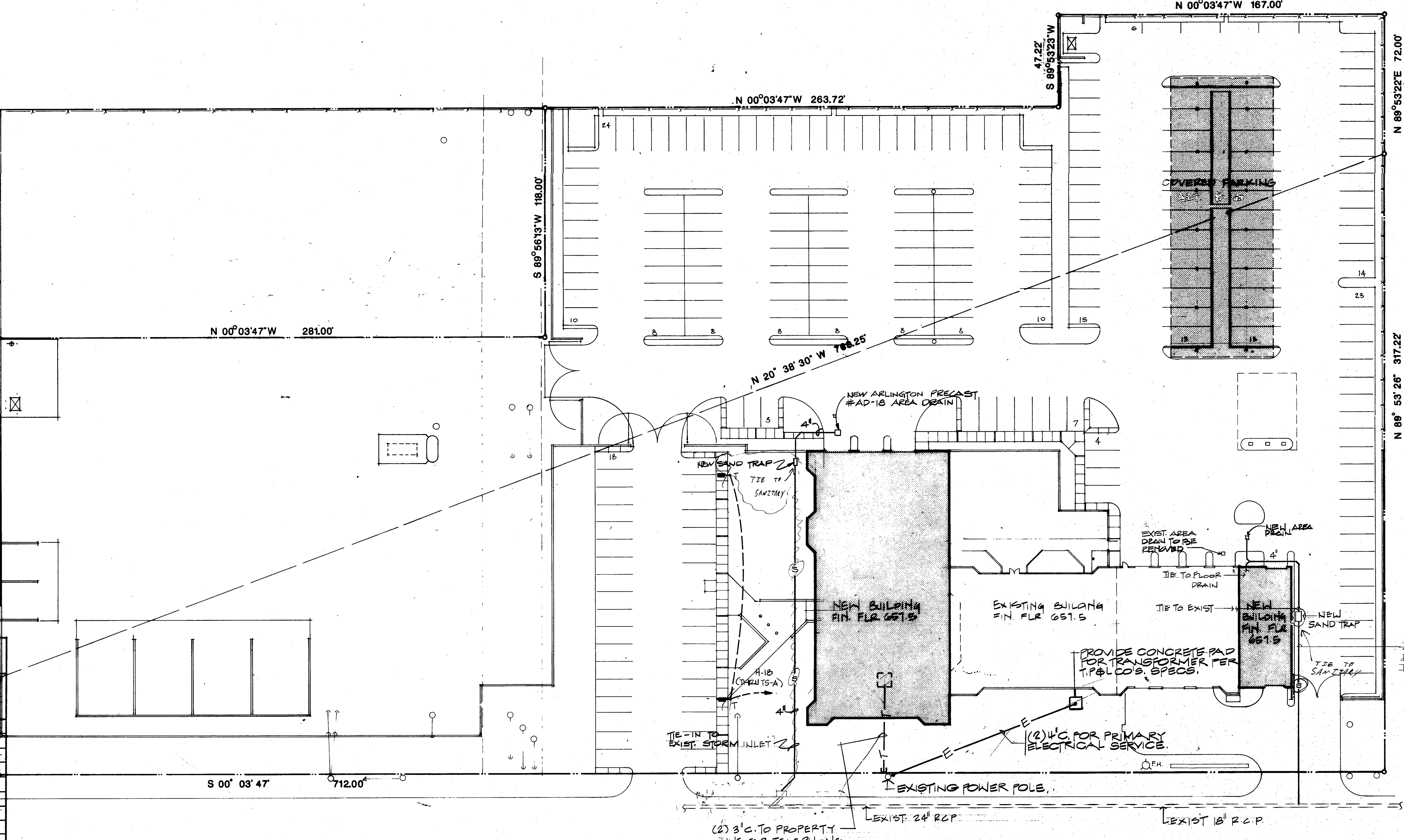
CIRCUIT NO.	SERVING	SWITCH	FUSE	POLES	NO.	SIZE	CONDUIT	CONN. LOAD	HP	NOTES
1	PANEL "DPB"	400	350	3	4	500MCM	3 1/2"	280		
2	TRANSFORMER "T3"	200	125	3	3	#1/0	1 1/2"	75		
3	TRANSFORMER "T4"	400	300	2	3	250MCM	2 1/2"	100		
4	SPACE	200								
5	SPACE	100								

DISTRIBUTION PANEL "DPB"

SWITCH NO.	SERVING	FRAME	TRIP	POLES	NO.	SIZE	CONDUIT	CONN. LOAD	HP	NOTES
1	RTU-1	100	30	3	3	#10	3/4"	12.3		
2	RTU-2	100	30	3	3	#10	3/4"	13.7		
3	RTU-3	100	60	3	3	#6	1"	33.7		
4	RTU-4	100	30	3	3	#10	3/4"	13.7		
5	RTU-5	100	30	3	3	#10	3/4"	13.8		
6	RTU-6	100	40	3	3	#8	1"	24.4		
7	ELEVATOR	100	50	3	3	#6	1"	19.1	15	
8	PANEL "H"	100	100	3	4	#1	1-1/2"	50		
9	TRANSFORMER "T1"	100	80	3	3	#3	1-1/4"	45		
10	TRANSFORMER "T2"	100	80	3	3	#3	1-1/4"	45		
11	SPACE									
12	SPACE									
13	SPACE									

PANELBOARD SCHEDULE

PANEL	LOCATION	VOLT PHASE WIRE	MOUNTING	MAIN	TOTAL POLES	BRANCH DEVICES						REMARKS
						ACTIVE		SPARES		SPACE	AMP.	
H		277/480 3 4	SURFACE	100A M.L.O.	24	15		3		6	20	
L		120/208 3 4	SURFACE	150A M.C.B.	42	37		5			20	
S		120/208 3 4	SURFACE	150A M.C.B.	30	11		4	7		20	



01 SITE PLAN - ELECTRICAL / PLUMBING
 MEP1.1 1"=30'-0"

