

1000-103 DWG NO. 1000-103

\$\$\$ UNDESIGNED TIME \$\$\$
 \$\$\$ SYTIME \$\$\$
 \$\$\$ PRF \$\$\$
 \$\$\$ USERNAME \$\$\$

\$\$\$ PRF ROT \$\$\$
 \$\$\$ PENES \$\$\$

\$\$\$ FILED \$\$\$
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1BTCL05.001
 161CEB01.008 BORDER
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RECEPTACLE OUTLETS	
SYMBOL	REPRESENTS
	SINGLE RECEPTACLE (120V, 20A)
	DUPLEX RECEPTACLE (120V, 20A)
	SINGLE SPECIAL-PURPOSE RECEPTACLE (30 AMP, 2 POLE, OR AS NOTED)*
	DUPLEX SPECIAL-PURPOSE RECEPTACLE (AS NOTED)*
* USE SUBSCRIPT LETTERS TO INDICATE FUNCTION (FC-FARE COLLECTION, ETC.)	
	FLOOR BOX WITH SINGLE RECEPTACLE
	FLOOR BOX WITH DUPLEX RECEPTACLE
	FLOOR BOX WITH SERVICE FITTING AS NOTED
	FLOOR BOX-PUBLIC TELEPHONE
	FLOOR BOX-PRIVATE TELEPHONE
	UNDERFLOOR DUCT WITH ASSOCIATED OUTLETS AS INDICATED
	UNDERFLOOR TRENCH DUCT

FIRE AND INTRUSION ALARM SYSTEM DEVICES	
	PANEL, LETTER WITHIN SYMBOL INDICATES TYPE: FACP: FIRE ALARM CONTROL PANEL FMP: FIRE MANAGEMENT PANEL IACP: INTRUSION ALARM CONTROL PANEL
	FIRE PULL STATION
	FIRE BELL
	FIRE HORN
	STANDPIPE WATER FLOW MONITOR
	DETECTOR = H-HEAT, S-SMOKE, C-COMBUSTIBLE PRODUCTS
	VALVE POSITION MONITOR
	ANNUNCIATOR
	FIREHOSE CABINET MONITOR
	DOOR MONITOR
	WINDOW MONITOR
	FIRE HOTLINE TELEPHONE
	INTRUSION ALARM
	MOTION DETECTOR
	AUDIO/VISUAL FIRE ALARM (HORN AND STROBE LIGHT)

TELEPHONE SYSTEM OUTLETS	
SYMBOL	REPRESENTS
	PASSENGER EMERGENCY CALL TELEPHONE OUTLET
	EPABX TELEPHONE OUTLET
	WAYSIDE TELEPHONE OUTLET
	ELEVATOR EMERGENCY TELEPHONE OUTLET
	PUBLIC PAY PHONE OUTLET
	STANDARD TELEPHONE OUTLET
	DATA TERMINAL OUTLET

CONDUCTORS AND CONDUITS	
	RACEWAY CONCEALED IN FLOOR, WALL, OR CEILING
	RACEWAY EXPOSED
	RACEWAY BELOW GRADE
	TELEPHONE SERVICE CONDUIT
	ELECTRICAL SERVICE CONDUIT
	BRANCH CIRCUIT HOME RUN TO PANELBOARD, LA IDENTIFIES PANEL, OTHER NUMBERS IDENTIFY CIRCUITS; COMMAS: SEPARATE CIRCUITS (SINGLE POLE)
	NUMBERS INSIDE BRACKETS INDICATE MULTI POLE CIRCUIT. NUMBER TO LEFT OF SLASH INDICATES AMP RATING, NUMBER TO RIGHT OF SLASH INDICATES NUMBER OF POLES. NEUTRAL, HOT, SWITCHED, GROUND. NO CROSS LINES INDICATES 3 WIRES ONLY, UNLESS NOTED.
	WIRE AND RACEWAY. GALVANIZED RIGID CONDUIT UNLESS NOTED. QUANTITY AND SIZE OF WIRES - CONDUIT SIZE
	SYSTEM IDENTIFICATION AS FOLLOWS: TV-TELEVISION, FC-FARE COLLECTION, T-TELEPHONE (PUBLIC), PA-PUBLIC ADDRESS, IC-INTERCOMM., FA-FIRE ALARM, S-SIGNAL, ET-EMERGENCY TELEPHONE E-EMERGENCY CIRCUIT, TB-PABX, C-CONTROLS, IA-INTRUSION ALARM, TM-MAINTENANCE TELEPHONE, TC-TRAIN CONTROL, A-AUXILIARY, C-COMMUNICATIONS, CORR-CORROSION CONTROL.
	FEEDER OR HOMERUN RACEWAY IDENTIFICATIONS AS FOLLOWS: A-AUXILIARY, TR-TRACTION POWER, TC-TRAIN CONTROL, C-COMMUNICATIONS
	RACEWAY TURNED UP OR TOWARDS VIEWER
	RACEWAY TURNED DOWN OR AWAY FROM VIEWER
	UNDERGROUND CONDUIT BANK (INDICATE TYPE, SIZE AND NUMBER OF CONDUITS BY CROSS SECTION IDENTIFICATION OF EACH RUN, OR BY NOTATION)
	GROUND ROD
	RACEWAY CAPPED
	GROUND GRID-(COUNTER POISE)
	SURFACE WIREWAY WITH DEVICE OUTLETS
	BUSDUCT
	GROUND CONNECTION PER APPLICABLE EDITION OF THE NATIONAL ELECTRICAL CODE.

SWITCH OUTLETS	
SYMBOL	REPRESENTS
	SINGLE-POLE SINGLE THROW SWITCH
	DOUBLE-POLE SWITCH
	THREE-WAY SWITCH
	FOUR-WAY SWITCH
	KEY-OPERATED SWITCH
	DOOR SWITCH
	TIME SWITCH
	MANUAL MOTOR STARTER WITH OVERLOAD DEVICE
	MOMENTARY CONTACT SWITCH OR PUSH-BUTTON FOR OTHER THAN SIGNALLING SYSTEM
	CIRCUIT BREAKER SWITCH
	SUBSCRIPT "o" DENOTES SWITCH CONTROLLING A CERTAIN LOAD (SIMILAR SUBSCRIPT TO BE AT THE LOAD)

LIGHTING OUTLETS	
	HIGH INTENSITY DISCHARGE OR INCANDESCENT LAMP FIXTURE (SUBSCRIPT "X" DENOTES FIXTURE TYPE)
	FLUORESCENT FIXTURE
	EMERGENCY LIGHTING FIXTURE
	EXIT LIGHTING FIXTURE ARROWS AS REQUIRED
	BLANKED OUTLET
	JUNCTION BOX
	LETTER SUBSCRIPT DESIGNATES SWITCH CONTROLLING
	FLOODLIGHT, ARROWS INDICATE DIRECTION OF BEAM
	SIGNAL LIGHT, EITHER FLASHING OR NON-FLASHING
	PARKING LIGHT POLE & FIXTURE
	EMERGENCY LIGHT UNIT WITH BATTERY
	GRAPHIC SIGN

SOUND SYSTEM	
	MICROPHONE
	INTERIOR SPEAKER BACKBOX
	EXTERIOR SPEAKER BACKBOX
	AMBIENT SOUND MONITOR
	HORN TYPE SPEAKER OUTLET

PANELBOARDS SWITCHBOARD, ETC.	
SYMBOL	REPRESENTS
	DISTRIBUTION PANEL
	PANELBOARD
	LIGHTING PANEL
	POWER PANEL
	TERMINAL CABINET, TYPES AS FOLLOWS: CIC - COMMUNICATIONS INTERFACE CABINET FTC - FACILITIES TERMINAL CABINET ITC - INTERCONNECTION TERMINAL CABINET RTU - REMOTE TERMINAL UNIT TTC - TELEPHONE TERMINAL CABINET
	CONTROL PANEL, TYPES AS FOLLOWS: ACCP - AIR CONDITIONING CONTROL PANEL ACP - AUXILIARY CONTROL PANEL VCP - VENTILATION CONTROL PANEL RCP - REFRIGERATION CONTROL PANEL TTC - FAN CONTROL PANEL
	PULL BOX
	ELECTRICAL MANHOLE
	ELECTRICAL HANDHOLE
	MOTOR CONTROLLER, SUBSCRIPT INDICATES NEMA SIZES
	FUSED DISCONNECT SWITCH; SUBSCRIPT INDICATES: FUSE SIZE (AMPERES), NUMBER OF POLES, WP=WEATHERPROOF
	NON-FUSED DISCONNECT SWITCH; SUBSCRIPT INDICATES: SWITCH RATING (AMPERES), NUMBER OF POLES, WP=WEATHERPROOF
	COMBINATION MAGNETIC MOTOR STARTER, WITH MOTOR CIRCUIT PROTECTOR. SUBSCRIPT INDICATES NEMA SIZE
	SWITCHBOARD OR MOTOR CONTROL CENTER
	START/STOP PUSHBUTTON
	EMERGENCY STOP PUSHBUTTON
	MOTOR

FIXTURE TYPE SYMBOL	
	a. LETTER-NUMBER ABOVE CENTER BAR INDICATES TYPE OF FIXTURE.
	b. NUMBER BELOW THE CENTER BAR INDICATES TOTAL WATTAGE OF LAMPS (AND BALLASTS IF APPLICABLE)
	c. NUMBER ABOVE OR ADJACENT TO SYMBOL INDICATES THE HEIGHT ABOVE FINISHED FLOOR TO BOTTOM OF FIXTURE

ELECTRICAL ABBREVIATIONS	
ABBREV.	REPRESENTS
A	AMPERE
C	CONDUIT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GR	GROUND
P	POLE
V	VOLT
VA	VOLT-AMP
W	WATT

GENERAL NOTES:
(APPLICABLE TO ALL ELECTRICAL DRAWINGS)

- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF NATIONAL ELECTRICAL CODE (NEC) LOCAL CODES AND REGULATIONS AND TEXAS STATE LABOR AND INDUSTRIAL CODES.
- ALL MOTORS, POWER EQUIPMENT, PANELS, LIGHTING FIXTURES, RECEPTACLES, METAL ENCLOSED EQUIPMENT, TOGGLE SWITCHES AND THREE PHASE CIRCUITS SHALL BE GROUNDED WITH GROUND WIRE SIZED PER NEC.
- ALL CONTROL DEVICES ARE SHOWN IN THEIR PASSIVE POSITION.
- ALL CONDUIT AND CONDUIT FITTINGS SHALL BE HOT DIPPED GALVANIZED RIGID STEEL UNLESS OTHERWISE NOTED.
- COLOR CODING OF WIRES SHALL BE AS REQUIRED BY THE NATIONAL ELECTRICAL CODE.
- SYMBOLS AND ABBREVIATIONS SHOWN HERE MAY INCLUDE ITEMS WHICH ARE NOT PART OF THIS CONTRACT.

Contract Number: 9700136
 Date: 14 AUG 97

CONFORMED

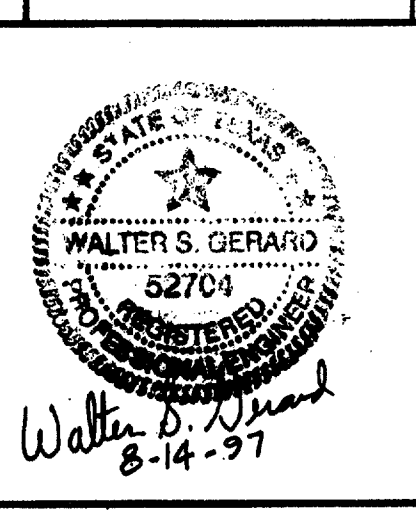
CONTRACT SHEET No. 91 OF 95

ADDISON TRANSIT CENTER ABBREVIATIONS AND SYMBOLS-ELECTRICAL

SCALE: NO SCALE
 DRAWN: P. LLOYD
 DESIGNED: W. GERARD
 CHECKED: W. GERARD
 IN CHARGE: V. STEVENS
 DATE: 14 AUG 97

CONTRACT C-97000136 DWG No. ECI-0001 REV 0

REV	DATE	DESCRIPTION	BY	ENG	CHK	APP



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