

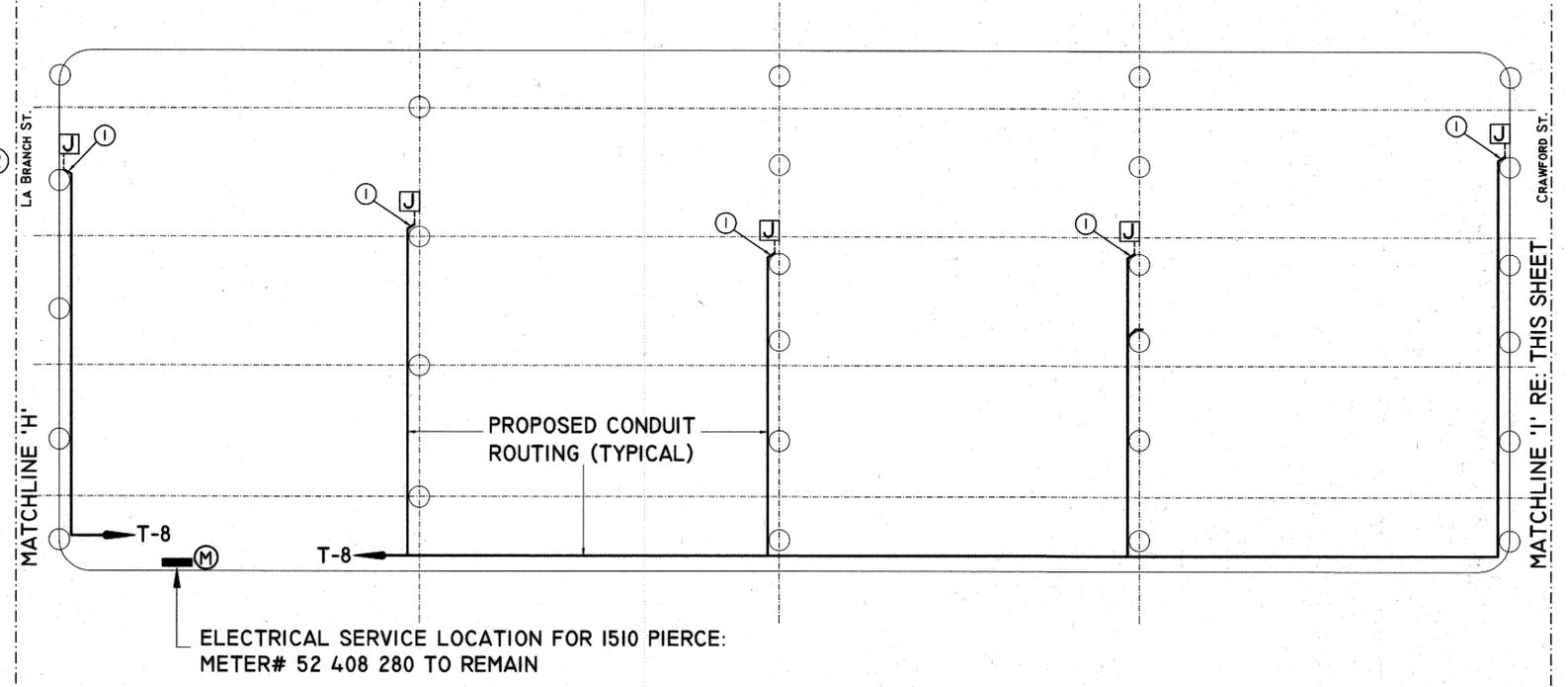
EXISTING

PANEL: T (SITE 7)
 LOCATION: UNDER ROADWAY

WIRE SIZE	LOAD DESCRIPTION	LOAD KVA	BRKR SIZE	CKT NO	A	C	CKT NO	BRKR SIZE	LOAD KVA	LOAD DESCRIPTION	WIRE SIZE
3#8	LIGHTING - UNDER ROADWAY	1.5	20/1	1			2	20/1	1.2	LIGHTING - UNDER ROADWAY	3#10
3#8	LIGHTING - UNDER ROADWAY	1.2	20/1	3			4	20/1	1.2	LIGHTING - UNDER ROADWAY	3#10
3#8	LIGHTING - UNDER ROADWAY	1.2	20/1	5			6	20/1	1.2	LIGHTING - UNDER ROADWAY	3#10
3#10	LIGHTING - UNDER ROADWAY	0.9	20/1	7			8	20/1	1.0	METER PAY STATIONS (NEW LOAD)	3#10
3#10	LIGHTING - UNDER ROADWAY	0.9	20/1	9			10	20/1	-	SPARE	-
3#10	LIGHTING - UNDER ROADWAY	0.9	20/1	11			12	20/1	-	SPARE	-

CONN LTG 10.2 XI.25= 12.8 KVA
 XFER LOAD 1.0 KVA
 CONN EQUIP 1.0 KVA
 CONN RCPT 1.0 KVA
 CONN HVAC 1.0 KVA
 TOTAL LOAD 13.8 KVA 58 AMPS

EXISTING LIGHTING LOAD ON PANEL 'T' IS 10.2 X 1.25= 12.8 KVA
 NEW (ADDED) METER EQUIPMENT LOAD IS 1.0 KVA
 TOTAL LOAD 13.8 KVA
 (PANEL AND FEEDER ARE RATED FOR 100A)
 ALL LOADS ARE EXISTING UNLESS NOTED OTHERWISE.



1 145 - LA BRANCH ST. & CRAWFORD ST.(SITE 7)
 SCALE: 1/16" = 1'-0"

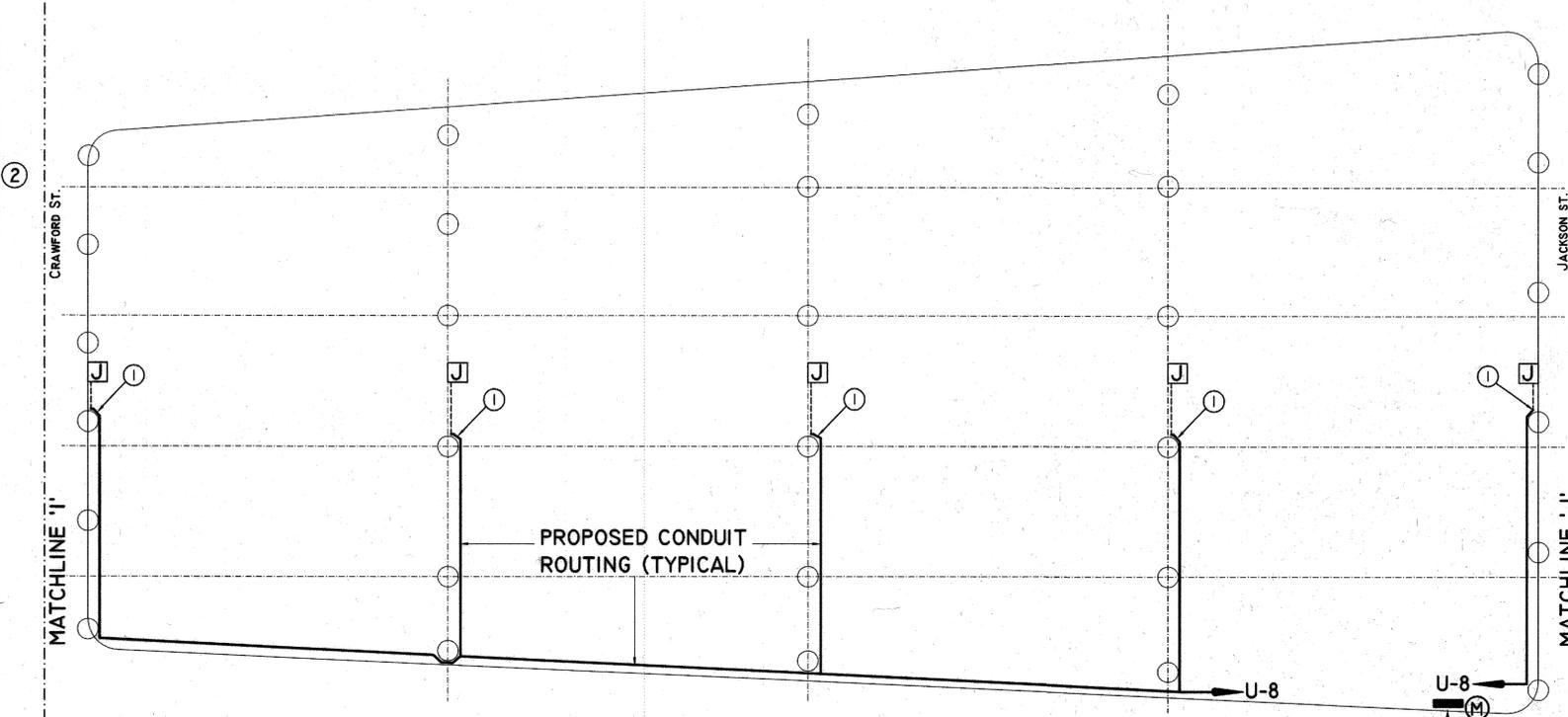
EXISTING

PANEL: U (SITE 8)
 LOCATION: UNDER ROADWAY

WIRE SIZE	LOAD DESCRIPTION	LOAD KVA	BRKR SIZE	CKT NO	A	C	CKT NO	BRKR SIZE	LOAD KVA	LOAD DESCRIPTION	WIRE SIZE
3#10	LIGHTING - UNDER ROADWAY	1.5	20/1	1			2	20/1	1.2	LIGHTING - UNDER ROADWAY	3#10
3#10	LIGHTING - UNDER ROADWAY	1.2	20/1	3			4	20/1	1.2	LIGHTING - UNDER ROADWAY	3#10
3#10	LIGHTING - UNDER ROADWAY	1.2	20/1	5			6	20/1	1.2	LIGHTING - UNDER ROADWAY	3#10
3#10	LIGHTING - UNDER ROADWAY	0.9	20/1	7			8	20/1	1.0	METER PAY STATIONS (NEW LOAD)	3#10
3#10	LIGHTING - UNDER ROADWAY	0.9	20/1	9			10	20/1	-	SPARE	-
3#10	LIGHTING - UNDER ROADWAY	0.9	20/1	11			12	20/1	-	SPARE	-

CONN LTG 10.2 XI.25= 12.8 KVA
 XFER LOAD 1.0 KVA
 CONN EQUIP 1.0 KVA
 CONN RCPT 1.0 KVA
 CONN HVAC 1.0 KVA
 TOTAL LOAD 13.8 KVA 58 AMPS

EXISTING LIGHTING LOAD ON PANEL 'U' IS 10.2 X 1.25= 12.8 KVA
 NEW (ADDED) METER EQUIPMENT LOAD IS 1.0 KVA
 TOTAL LOAD 13.8 KVA
 (PANEL AND FEEDER ARE RATED FOR 100A)
 ALL LOADS ARE EXISTING UNLESS NOTED OTHERWISE.



2 145 - CRAWFORD ST. & JACKSON ST.(SITE 8)
 SCALE: 1/16" = 1'-0"

ISSUE LOG

NO.	DATE	DESCRIPTION
1	6/3/08	CLIENT REVISIONS

CONSULTANT(S):
C&M
CLAUNCH & MILLER, INC.
 Engineering Consultants
 4635 Southwest Freeway, Suite 1000 • Houston, Texas 77027
 713-622-9264 • Fax: 713-622-9265 • www.claunchmiller.com

SEAL(S):

Infrastructure Associates
 INFRASTRUCTURE ASSOCIATES, INC.
 6117 RICHMOND AVENUE, SUITE 100
 HOUSTON, TEXAS 77057
 (713) 622-0120 PH (713) 622-0557 FAX
 WWW.IAHOUSTON.COM

PROJECT NAME:
HOUSTON-PIERCE ELEVATED AND LOT "C" PARKING LOT IMPROVEMENTS

CITY OF HOUSTON
 GENERAL SERVICES DEPARTMENT

REVIEWED:
 PROGRAM MANAGER: _____ SPONSORING DEPARTMENT: _____
 PROJECT MANAGER: _____

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT AT 713-207-7777.
 PRIVATE UTILITY LINES SHOWN AT LEAST 48 HOURS BEFORE EXCAVATING IN STREET R.O.W. OR EASEMENTS CALL THE LONG STAR NOTIFICATION 713-223-4567.

N/A Date: _____
 CenterPoint Energy/Electric Facilities (Approved only for crossing underground ductlines, unless otherwise noted.) Valid at time of review only.
 Date: _____
 SBC Approved for underground conduit facilities only. Signatures valid for one year.
N/A Date: _____
 CenterPoint Energy/Gas Facilities (Gas service lines are not shown.)

SHEET TITLE:
E-1.40

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
 WATER: *R. Tahzadeh* TRAFFIC & TRANSPORTATION: *R. Tahzadeh*
 WASTEWATER: *R. Tahzadeh* STORM WATER MANAGEMENT: *R. Tahzadeh*
 STORM FACILITIES: *R. Tahzadeh*

FILE NO: _____ FOR CITY OF HOUSTON USE ONLY
 DRAWING SCALE: _____
 HORZ: _____
 VERT: _____
 SHEET No: **28 OF 29**
 CITY DWG. NO.: _____ REVISED JAN 2006