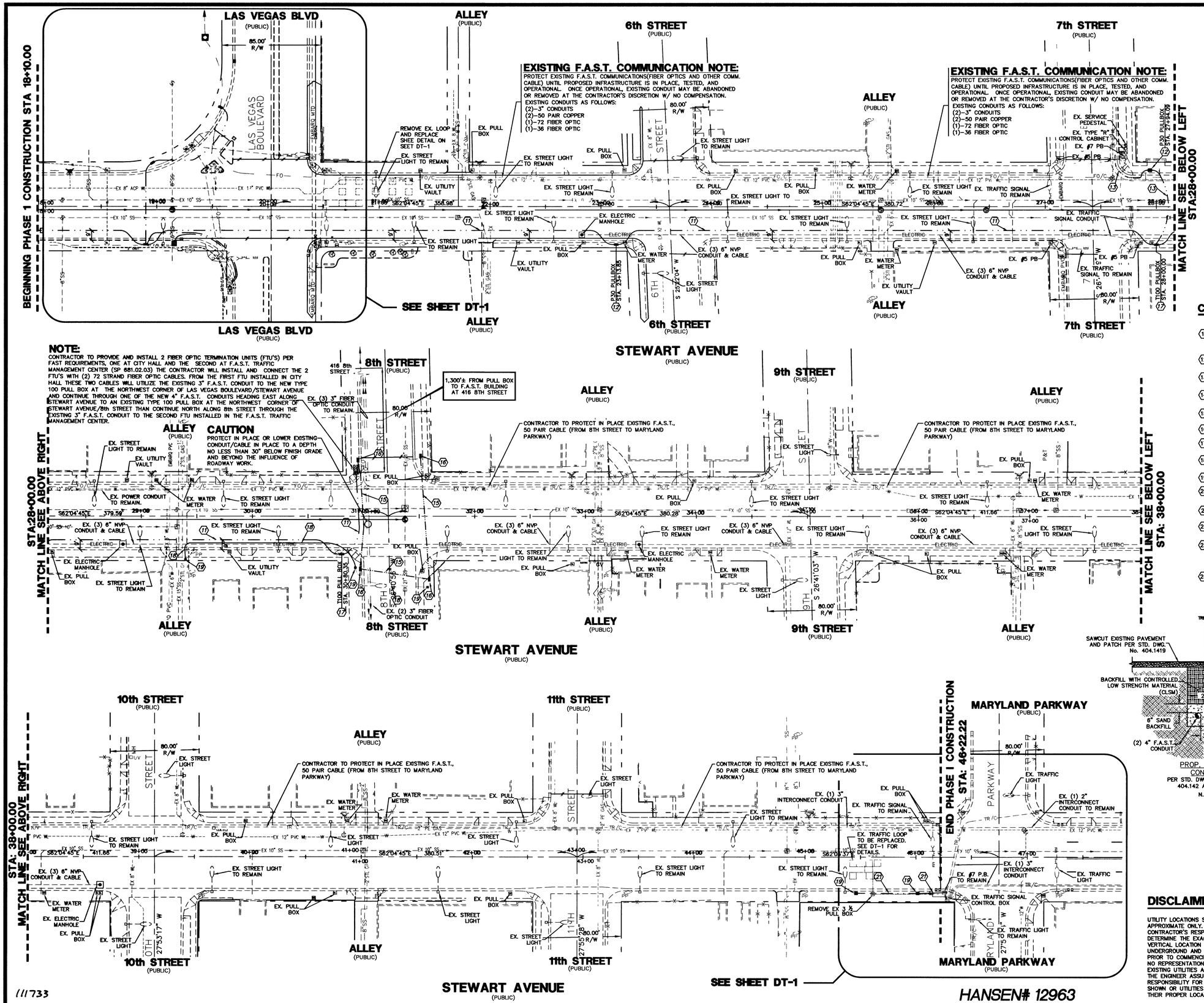
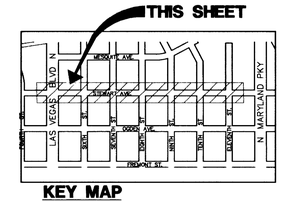




KEY MAP

GRAPHIC SCALE

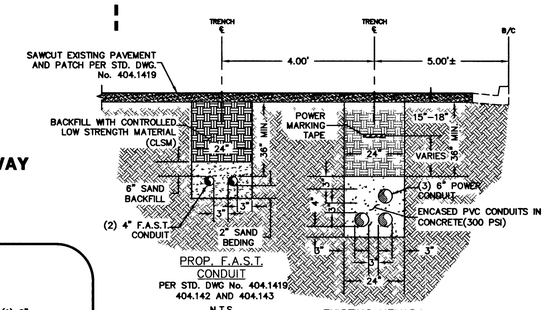
(IN FEET)
1 inch = 40 ft.

NOTE:

CONTRACTOR TO PROVIDE AND INSTALL 2 FIBER OPTIC TERMINATION UNITS (FTU'S) PER FAST REQUIREMENTS, ONE AT CITY HALL AND THE SECOND AT F.A.S.T. TRAFFIC MANAGEMENT CENTER (SP 681.02.03) THE CONTRACTOR WILL INSTALL AND CONNECT THE 2 FTU'S WITH (2) 72 STRAND FIBER OPTIC CABLES. FROM THE FIRST FTU INSTALLED IN CITY HALL THESE TWO CABLES WILL UTILIZE THE EXISTING 3" F.A.S.T. CONDUIT TO THE NEW TYPE 100 PULL BOX AT THE NORTHWEST CORNER OF LAS VEGAS BOULEVARD/STEWART AVENUE AND CONTINUE THROUGH ONE OF THE NEW 4" F.A.S.T. CONDUITS HEADING EAST ALONG STEWART AVENUE TO AN EXISTING TYPE 100 PULL BOX AT THE NORTHWEST CORNER OF STEWART AVENUE/8th STREET THAN CONTINUE NORTH ALONG 8th STREET THROUGH THE EXISTING 3" F.A.S.T. CONDUIT TO THE SECOND FTU INSTALLED IN THE F.A.S.T. TRAFFIC MANAGEMENT CENTER.

CONSTRUCTION NOTES

11. INSTALL (2) 4" PVC F.A.S.T. CONDUIT'S:
CONDUIT No.1-(2) 72 STRAND FIBER OPTIC CABLE & 6 PAIR REA PE 39 #22 AWG.
CONDUIT No.2-25 PAIR REA PE 39 #22 AWG.
12. INSTALL TYPE "P30" PULL BOX PER USD 404.132 WITH "FIBER OPTIC" INSCRIBED ON THE LID PER USS 623 G.03.01
13. INSTALL (1) 4" PVC F.A.S.T. CONDUIT W/(2) 25 PAIR REA PE 39 #22 AWG CONDUCTORS.
14. (NOT USED)
15. INSTALL (2) 3" PVC CONDUITS FOR FUTURE TRAFFIC SIGNAL W/#8 GREEN CONDUCTOR IN EMPTY CONDUITS.
16. INSTALL #7 PULL BOX "TRAFFIC SIGNAL" INSCRIBED ON THE LID
17. INSTALL TYPE 100 PULL BOX-SEE DETAIL "1" SHEET DT-1. "FIBER OPTIC" INSCRIBED ON THE LID PER USS 623 G.03.01
18. INSTALL (1) 3" PVC CONDUIT FOR FUTURE TRAFFIC SIGNAL POWER W/#8 GREEN CONDUCTOR IN EMPTY CONDUIT.
19. INSTALL #3 1/2 PULL BOX "TRAFFIC SIGNAL" INSCRIBED ON THE LID
20. INSTALL (1) 4" PVC F.A.S.T. CONDUIT W/25 PAIR REA PE 39 #22 AWG.
21. INSTALL (1) 3" PVC CONDUIT FOR LOOP LEAD-IN CABLE W/#8 GREEN CONDUCTOR TRACER CABLE.
22. INSTALL #5 PULL BOX "TRAFFIC SIGNAL" INSCRIBED ON THE LID
23. INSTALL (2) 4" PVC F.A.S.T. CONDUIT CONDUCTORS PER CCUSS 623G.03.01 W/6 PR P39 22 GAUGE TRACER WIRE
24. INSTALL (1) 4" PVC F.A.S.T. CONDUIT: (2) 72 STRAND FIBER OPTIC CABLE & 6 PAIR REA PE 39 #22 AWG.



CONTRACTOR TO VERIFY DEPTH AND LOCATION

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you Dig
Call 811
1-800-227-2600
CLARK COUNTY, CITY OF LAS VEGAS, BOULDER CITY
1-702-455-7344

Avoid overhead power line contact
Call before you OVERHEAD
1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

111733

HANSEN# 12963

BID No. 08.1730.19

REV	DATE	BY	REVISION

BAUGHMAN & TURNER, INC.
CIVIL ENGINEERS LAND SURVEYORS LAND PLANNERS
1210 HINSON STREET LAS VEGAS, NEVADA 89102
PHONE: (702) 870-8771 FAX: (702) 878-2695

SHEET
PHASE 1
TRAFFIC PLAN-FIBER OPTIC RELOCATION
STA 18+00.00 TO 46+22.22

TITLE STEWART AVENUE SEWER & PAVEMENT REHABILITATION, PHASE1 LV BLVD TO MARYLAND PKWY.

AUGUST, 2007

DRAWN BY: JSR
DESIGNED BY: G.A.
CHECKED BY: K.T.Y.
PROJECT NO:
SCALE: HORIZ. 1"=40' VERT. NA

SEAL
PROFESSIONAL ENGINEER - STATE OF NEVADA
KENNETH T. YAMADA
Exp. 06/30/08
CIVIL
No. 14664
5-27-08

SHEET
TR-2
13 OF 15 SHEETS

DRAWING NO.
107V3546-1