PRIOR TO ANY CONSTRUCTION CONTRACTOR TO VERIFY LOCATION OF EXISTING WASTEWATER AND STORM SEWER AND CONFIRM ADEQUATE CLEARANCE BETWEEN EX. OHE AND EXISTING UTILITIES FOR CONSTRUCTION OF PAD AND SAFE INSTALLATION OF SWITCHGEARS. NOTIFY ENGINEER OF INADEQUATE CLEARANCES.

WARNING!!!! EXISTING GAS LINE IN AREA.

CENTERLINE BELT LINE STA 34+00 = ONCOR DUCT BANK LINE B STA 7+62.2 = ONCOR DUCT BANK LAT 1-3B STA 3+01.5

CENTERLINE BELT LINE STA 38+00 = ONCOR DUCT BANK LINE B STA 11+62.2

BELT LINE ROAD

SURVEYOR BLVD.

3953 BELT LINE RD

4002 BELT LINE RD

TEXAS UTILITIES ELEC. CO.
3800 BELT LINE RD

EX. 10' SAN. SEW. ESMT

EX. 10' STORM AND SANITARY SEWER EASEMENT

EX. 10' STORM EASEMENT

CAP 8E6 PVC
INSTALL ELECTRICAL MARKER TO BE PROVIDED BY ONCOR

CAUTION!! EXISTING OVERHEAD ELECTRIC LINE

EX. OH ANCHOR(E)

LINE B (8E6)

LAT 1-2B (8E6)

LAT 1-3B (2E6)

LAT 1-2B (2E6)

LAT 1-1B (4E6)

LAT 1-2B (4E6)

8" WATERLINE "B"

EX. 10" WW

EX. 96" RCP

EX. 72" RCP

EX. 21" RCP

EX. DRAIN. AND UTILITY ESMT.

PROP. TRAFFIC SIGNAL CONDUIT

PROP JOINT TRENCH

GUTTER

BRACE EX. LP DURING CONSTRUCTION

INSTALL CABINET FOR ONCOR PROVIDED METER

STA 8+63.8 ELECTRIC LINE "B" = STA 2+00.0 ELECTRIC LAT "1-2B" CONSTRUCT 4-WAY DUCT BANK MANHOLE TOP=590.73

STA 10+97.4 ELECTRIC LINE "B" CONSTRUCT 4-WAY DUCT BANK MANHOLE TOP=593.70

PISTA 8+27.8 LINE "B" ΔH=5°51'04" LT

STA 8+43.8 LINE "B" = STA 2+00.0 LAT "1-1B" CONSTRUCT 4-WAY DUCT BANK MANHOLE TOP=590.32

PISTA 10+30.1 LINE "B" ΔH=1°37'56" LT

STA 2+55.1 LAT 1-2B INSTALL 1 VISTA GEAR PAD

STA 2+54.8 LAT 1-1B INSTALL 1 VISTA GEAR PAD

LAT 1-3B STA 2+00 VISTA GEAR

STA 3+03.3 LAT 1-2B TWO PROPOSED POWER POLES TO BE NSTALLED BY OTHERS (COORDINATE SCHEDULING WITH ONCOR). INSTALL 2E6 CONDUIT TO POLE AND ATTACH RISER PER STANDARD DETAIL ON SHEET (ELE-26)

CONTRACTOR TO MOVE EXISTING ELECTRICAL ILLUMINATION LINE PRIOR TO INSTALLATION OF MANHOLE

① INSTALL 20 LF - 2E4

4.7' max.

4.7' min.

1.67'

0 10 20 30 40 60
HORIZONTAL SCALE: 1"=40'
0 5 10 15
VERTICAL SCALE: 1"=10'

EXISTING UTILITY LOCATIONS SHOWN ARE SCHEMATIC IN NATURE AND MAY NOT ACCURATELY REFLECT THE SIZE AND LOCATION OF EACH PARTICULAR UTILITY. SOME UTILITY LINES MAY NOT BE SHOWN. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ACTUAL FIELD LOCATION AND PROTECTION OF ALL EXISTING UTILITIES WHETHER SHOWN OR NOT. CONTRACTOR SHALL ALSO ASSUME RESPONSIBILITY FOR REPAIRS TO EXISTING UTILITIES, WHETHER SHOWN OR NOT, DAMAGED BY CONTRACTOR'S ACTIVITIES. DIFFERENCES IN HORIZONTAL OR VERTICAL LOCATION OF EXISTING UTILITIES SHALL NOT BE A BASIS FOR ADDITIONAL COMPENSATION. CALL 1-800-344-8377 TWO WORKING DAYS PRIOR TO CONSTRUCTION FOR ONSITE LOCATIONS.

LEGEND

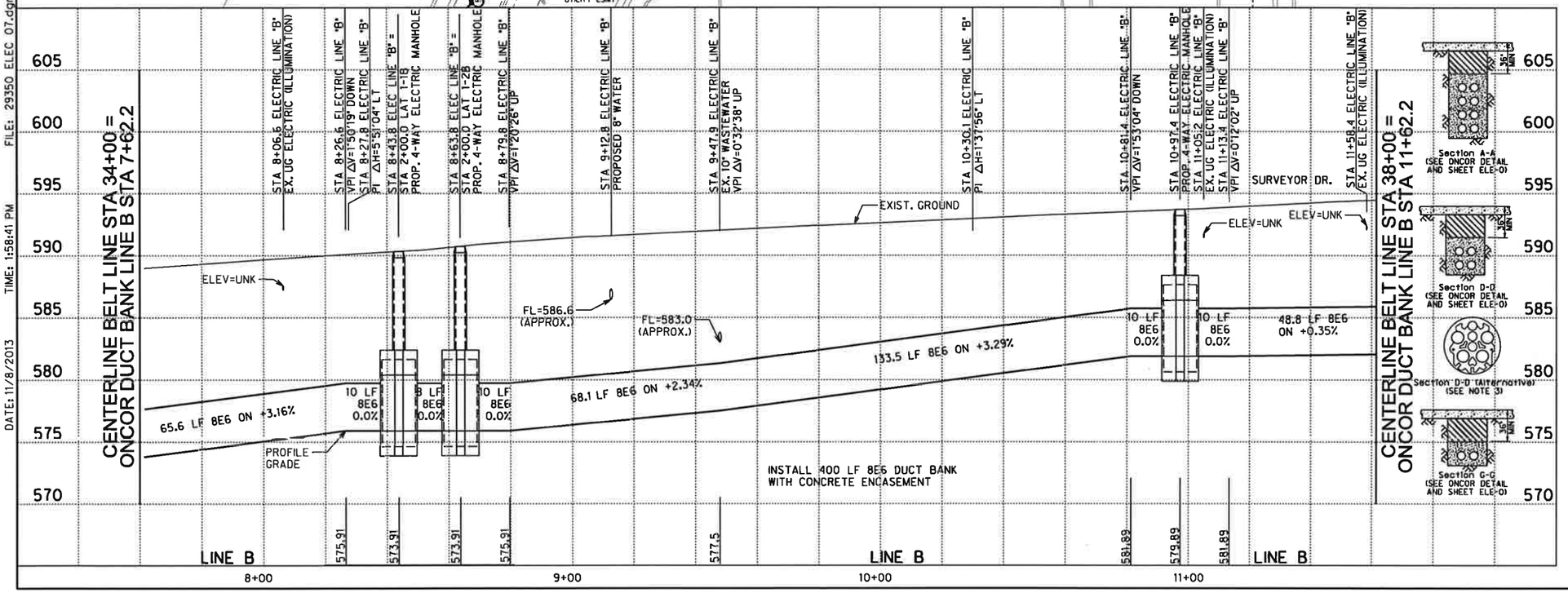
- PROPOSED PULL OR SERVICE BOX (AS NOTED)
- PROPOSED POWER POLE WITH RISER (POWER POLE BY OTHERS)
- PROPOSED TRANSFORMER PAD
- PROPOSED VISTA GEAR PAD
- PROPOSED PME PAD
- PROPOSED ELECTRICAL DUCT BANK MANHOLE
- PROPOSED ELECTRIC DUCT BANK BY OTHER THAN OPEN CUT (B.O.T.O.C.)
- PROPOSED ELECTRICAL DUCT BANK BY OPEN CUT (SIZE)
- PROP JOINT TRENCH (FRANCHISE & ONCOR) (SEE NOTE 4)
- (M) PROPOSED CABINET FOR ONCOR PROVIDED METER

NOTE:
1. ALL PROFILE ELEVATIONS FOR ELECTRICAL DUCT BANK ARE FOR OUTSIDE BOTTOM OF DUCT BANK UNLESS OTHERWISE SPECIFIED.

2. ALL PROFILE ELEVATIONS FOR ELECTRICAL MANHOLES ARE FOR OUTSIDE BOTTOM OF MANHOLE FLOOR UNLESS OTHERWISE SPECIFIED.

3. STEEL ENCASEMENT PIPE SIZES SHOWN ARE APPROXIMATE AND SHALL BE AS REQUIRED FOR CONSTRUCTION AND RECOMMENDED BY PIPE SPACER MANUFACTURER. PIPE SPACERS SHALL BE DESIGNED AND SUPPLIED BY UNDERGROUND DEVICES, INC. OR APPROVED EQUAL.

4. ALL ELECTRIC LOAD CABLES TO BE INSTALLED IN JOINT TRENCH WITH RELOCATED FRANCHISE UTILITIES, EXCEPT AS NECESSARY TO CONNECT TO ELECTRICAL EQUIPMENT OR AS NOTED ON THE PLANS. FOR JOINT TRENCH SEE TELECOM RELOCATION PLAN SHEETS.



Section A-A (SEE ONCOR DETAIL AND SHEET ELE-01)

Section D-D (SEE ONCOR DETAIL AND SHEET ELE-01)

Section D-D (Alternative) (SEE NOTE 3)

Section G-G (SEE ONCOR DETAIL AND SHEET ELE-01)

STATE OF TEXAS
CHARLIE BARTHELL MORAN, III
101189
LICENSED
PROFESSIONAL ENGINEER

Signature of Registrant ,P.E. 11-8-2013 Date

FIRM REGISTRATION NUMBER: 312

NO.	REVISION	BY	DATE

TOWN OF ADDISON
DALLAS COUNTY, TEXAS

BELT LINE ROAD
UNDERGROUND ELECTRICAL

ONCOR DUCT BANK PLAN AND PROFILE BELT LINE RD STA 34+00 TO STA 38+00

HALFF
1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275
TEL (214) 346-6200 FAX (214) 739-0095

PROJECT	DESIGN	DRAWN	DATE	FILE	SHEET
29350	HALFF	HALFF	NOV. 2013	29350 ELEC 07	ELE-7