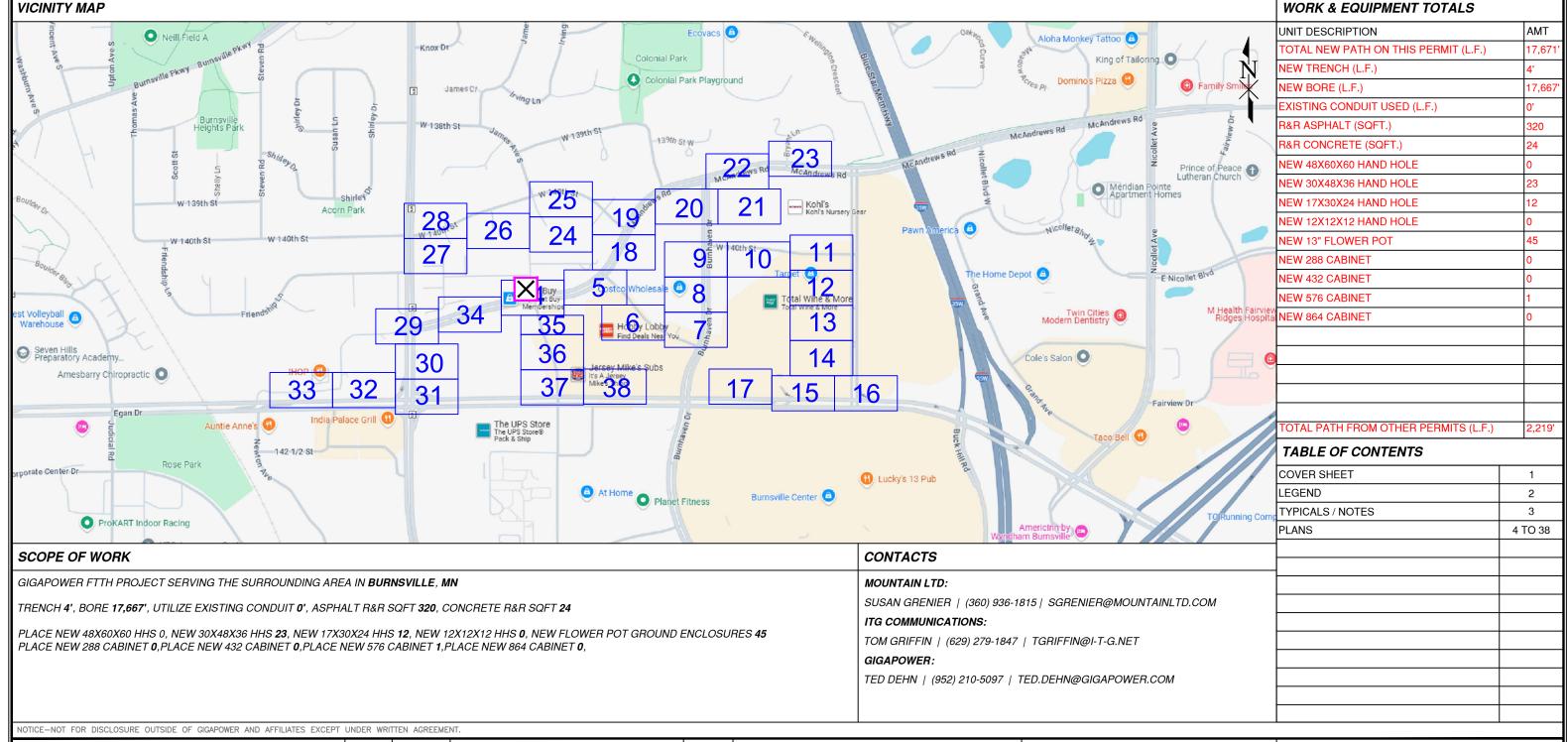
CITY: **BURNSVILLE, MN** ROUTE#: **4**PROJECT NAME: **PSA 4113PA** WORK ORDER #: **ITG-163545**LOCATION: **1530 MCANDREWS RD W BURNSVILLE, MN 55337**





GIGAPOWER

311 S AKARD ST, DALLAS, TX 75202

REV. NO	DATE	DESCRIPTION AND SHEETS IMPACTED	DRAFTER
0	01/13/2025	ORIGINAL	MM
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AS-BUILT	-	-	-



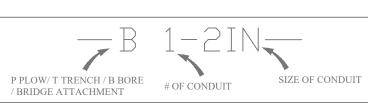
CLLI: BRVLMNYF DRAFTER: MM PROJECT NAME: PSA 4113PA WORK ORDER #: ITG-163545 DATE: 01/13/2025

DATE: 01/13/2023

SHEET 1 OF 38

ABBREVIATIONS EXISTING LEGEND **ABBREVIATIONS LINES** SYMBOLS PL EX PROP R&R PLACE EXISTING O TELEPHONE BULLET PEDESTAL **E** ELECTRIC PEDESTAL/CABINET GAS METER IRRIGATION METER PROPOSED REMOVE & RESTORE EDGE OF PAVEMENT - BACK OF CURB BORE FOC UG OH STA. TELEPHONE REPEATER **ELECTRIC TRANSFORMER** GAS VALVE IRRIGATION VALVE DIRECTIONAL BORE (HDD) FIBER OPTIC CABLE - RIGHT OF WAY ☑ TELEPHONE PEDESTAL **ELECTRIC METER** TRAFFIC SIGNAL VAULT/HANDHOLE CULVERT _____ DOT R/V _____ - DEPT. OF TRANSP. RIGHT OF WAY OVERHEAD STATIONING - PROPERTY LINE TELEPHONE VAULT/HANDHOLE **E** ELECTRIC VAULT/HANDHOLE TRAFFIC/RR SIGNAL POLE LAT/LONG LATITUDE/LONGITUDE REV REVISION FOG LANE ROAD SYMBOLS FLOWER POT (ROUND HAND HOLE) **(E)** ELECTRIC MANHOLE ■ WATER METER TRAFFIC LANE HH MH PED BP HANDHOLE DRIVEWAY PEDESTAL TELEPHONE CABINET ■ ELECTRIC J−BOX WATER VALVE SPEED SIDEWALK LIMIT GRAVEL STREETLIGHT FIRE HYDRANT ① TELEPHONE MANHOLE C/L CENTERLINE | XX R/W ROW RIGHT OF WAY WATERS EDGE TELEPHONE COOL PED CATV BULLET PEDESTAL WATER MANHOLE PUE - - PUE - PUBLIC UTILITY EASEMENT P/L ESMT PUE RR PROPERTY LINE EASEMEN1 — — — — ESMT — — EASEMENT PUBLIC UTILITY EASEMENT TELEPHONE SAI CATV PED STORM DRAIN CATCH BASIN JURISDICTION LIMITS/ SECTION LINE RAII ROAD TELEPHONE USAM CATV VAULT/HANDHOLE STORM DRAIN INLET EOP BOC CC CONC EDGE OF PAVEMENT BACK OF CURB CONCRETE **STORM DRAIN MANHOLE** TELEPHONE OWNED POLE SEWER MANHOLE BUILDING/WALL D/W DRIVEWAY WATER UTILITY SIDEWALK RECLAIMED WATER SIDEWALK × POWER POLE SEWER STORM DRAIN W REC RECLAIMED WATER - DITCH STORM DRAIN - - SLOPE - - SLOPE - SLOPE / ELEVATION CHANGE IRRIGATION GAS STREET LIGHT OIL - OIL - OIL PIPELINE WATER TRAFFIC SIGNAL - T - TELCO ELECTRIC/POWER CATV CATV CATV CABLE TV HDPE HIGH DENSITY POLYETHYLENE STANDARD DIMENSION RATIO ---- E ---- UG/BURIED ELECTRIC/POWER TS TRAFFIC SIGNAL TIP TOP TOP INSIDE POSITION TOP OUTSIDE POSITION — SL ——— SL ——— STREET LIGHT BIP BOP EA FGA RS FS DE HOA WCA PUPI BOTTOM INSIDE POSITION BOTTOM OUTSIDE POSITION — SD —— SD —— STORM DRAIN BRIDGE TREES EXTENSION ARM ____ G ____ GAS FIBER GLASS ARM IRR — IRR — IRR — IRRIGATION FIFLD SIDE DEAD END HEIGHT OF ATTACHMENT WOODEN CROSS ARM FIBERGLASS CROSS ARM PROPOSED LEGEND RISER DOWN GUY DG DG&A SEC SL OH OHG SWA CS MS DOWN GUY AND ANCHOR SECONDARY PLACEMENT LINES IPLACEMENTI ICONDUIT CONFIGURATIONI CABLE LINES (# OF FIBERS) (SPECIFIC CABLE LETTER) PROPOSED SYMBOLS STREET LIGHT OVERHEAD OVERHEAD GUY — T 1-1.25IN — T 1-1.25IN — TRENCH — F1 — F1 — F1 — F1 SIDEWALK ANCHOR HH HANDHOLE - P 1-2IN --- P 1-2IN ---- PLOW — — TAIL — — TAIL — TERMINAL TAIL # OF FIBERS MID SPAN HEIGHT

- B 1-4IN --- B 1-4IN --- BORE --- GP ------ PLACED ON OTHER PROJECT BRIDGE 1-4IN ----NEW BRIDGE ATTACHMENT



— 12A ——— — 12 FIBER **– 24A ––––** 24 FIBER **– 48A –** - 48 FIBER – 96A *–* - 96 FIBER - 144A —— --- 144 FIBER · 216A ---— 216 FIBER 432A ----432 FIBER — — ASW — — ASW — FUTURE AERIAL DROP -- BSW-- BSW-- FUTURE BURIED DROP

(F) HANDHOLE

MH) MANHOLE

BORE PIT

XX.XXX

2X2 POTHOLE

XXX' FOOTAGE

CABINET / HUB

PROPOSED ON OTHER PROJECT

[HH]

X

(F) HANDHOLE

CABINET / HUB

HANDHOLE



NOTICE-NOT FOR DISCLOSURE OUTSIDE OF GIGAPOWER AND AFFILIATES EXCEPT UNDER WRITTEN AGREEMENT



GSOC

MNDOT UPRR

GOPHER STATE ONE CALL

MOUNTAIN LTD.

GIGAPOWER ITG COMMUNICATIONS

MINNESOTA DEPT. OF TRANSPORTATION UNION PACIFIC RAILROAD

BURLINGTON NORTHERN SANTA FE RAILWAY

REV. NO	DATE	DESCRIPTION AND SHEETS IMPACTED	DRAFTER
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AS-BUILT	-	-	-



CLLI: BRVLMNYF DRAFTER: MM

UNIQUE CABLE

LETTER

PROJECT NAME: PSA 4113PA WORK ORDER #: ITG-163545 DATE: 01/13/2025

SHEET 2 OF 38

311 S AKARD ST, DALLAS, TX 75202

NOTES

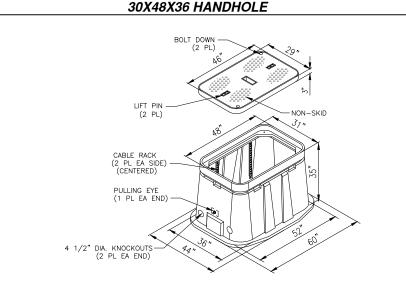
CONSTRUCTION NOTES:

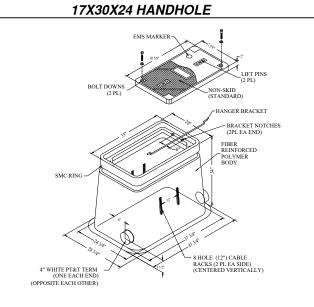
- 1. CALL UTILITY LOCATE AT 811 72 HOURS PRIOR TO TRENCHING OR DIGGING.
- 2. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY FIELD INSPECTION AND A SEARCH OF THE AVAILABLE CITY OR COUNTY RECORDS. SINCE THE ACTUAL LOCATION AND NATURE OF THE UNDERGROUND FACILITIES MAY BE SOMEWHAT DIFFERENT FROM THAT SHOWN, THE CONTRACTOR IS REQUIRED TO VERIFY PRIOR TO EXCAVATION.
- 3. FOR UNDERGROUND ACTIVITY: TEST AND VENTILATE MANHOLE/UTILITY VAULT PRIOR TO ENTRY, PLACE WARNING DEVICES AND WORK AREA PROTECTION AS REQUIRED, AND USE EYE AND HEAD SAFETY PROTECTION PER FEDERAL, STATE, AND LOCAL REGULATIONS.
- 4. ALL EXCAVATION, TRENCHING, AND SHORING IS TO ADHERE TO THE CODE OF FEDERAL REGULATIONS (CFR) 1926.650 SUBPART P.
 - a. PROVIDE ALL PITS WITH 1'x1' SLOPE AT ONE END OF EXCAVATION FOR TECHNICIAN INGRESS/EGRESS.
 - b. EXCAVATED SPOILS ARE TO BE NO LESS THAN 24" FROM EDGE OF PIT OR TRENCH.
 - c. BARRICADE ALL OPEN PITS AND TRENCHING FOR PUBLIC SAFETY. ALL BARRICADES MUST BE EQUIPPED WITH FLASHING LIGHTS FOR NIGHT VISIBILITY.
 - d. FOR PITS GREATER THAN 4' IN DEPTH, USE APPROPRIATE SHORING FOR WALL STABILITY.
- 5. ALL ASPHALT/CONCRETE AND LANDSCAPING REMOVED, DISTURBED, OR DAMAGED AS A RESULT OF CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- 6. NORMAL/GUIDED-BORING METHOD RECOMMENDED WHEN BORING.
- 7. ADHERE TO AIRTIGHT GUIDELINES UNLESS OTHERWISE NOTED.
- 8. BOND BURIED/AERIAL FACILITIES AS REQUIRED BY JURISDICTIONAL AGENCY(S).
- 9. AERIAL FACILITIES ARE TO BE TESTED PRIOR TO BEGINNING WORK PER STATE AND LOCAL REGULATIONS.
- 10. ALL WORK AREA PROTECTIONS FOR TRAFFIC CONTROL IS TO BE WITH APPROVED WARNING DEVICES AND PLACED PER STATE DEPARTMENT OF TRANSPORTATION AND/OR PUBLIC WORKS ENGINEERING DEPARTMENT STANDARDS AND SPECIFICATIONS. IF REQUIRED, A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE REQUESTING PERMITTING AGENCY. PRIOR TO BEGINNING WORK, PERMITTING AGENCIES MUST BE NOTIFIED 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES.
- 11. EXISTING PEDESTRIAN CROSSWALKS AND WALKING AREAS SHALL BE MAINTAINED AT ALL TIMES. AS NECESSARY, TEMPORARY PEDESTRIAN CROSSWALKS AND WALKING AREAS SHALL BE PROVIDED AND MAINTAINED PER STATE DEPARTMENT OF TRANSPORTATION AND/OR PUBLIC WORKS ENGINEERING DEPARTMENT STANDARDS AND SPECIFICATIONS.
- 12. THE FOLLOWING FOOTAGES ARE ESTIMATES. FOOTAGES TO BE VERIFIED PRIOR TO CONSTRUCTION.
- 13. FIBER LOCATE POSTS TO BE PLACED ALONG FIBER ROUTE AND AT ALL HAND HOLE LOCATIONS, AS ALLOWED BY PERMITTING AGENCY.
- 14. THE RIGHT-OF-WAY SHOWN HAS NOT BEEN SURVEYED OR TIED. RIGHT-OF-WAY LOCATION IS ASSUMED WITH REFERENCE TO ONLINE DATA SOURCE MATERIALS. CONTRACTOR TO VERIFY ALL RIGHTS OF WAY AND/OR EASEMENTS PRIOR TO CONSTRUCTION.
- 15. FOR UNDERGROUND ACTIVITY: TEST AND VENTILATE MANHOLE/UTILITY VAULT PRIOR TO ENTRY, PLACE WARNING DEVICES AND WORK AREA PROTECTION AS REQUIRED, AND USE EYE AND HEAD SAFETY PROTECTION PER FEDERAL, STATE, AND LOCAL REGULATIONS.

COMMUNICATIONS DEPTH REQUIREMENTS

MINIMUM DEPTH
3' BELOW GRADE
5' BELOW GRADE
3' BELOW GRADE
5' BELOW GRADE
3' BELOW GRADE

EQUIPMENT TYPICALS

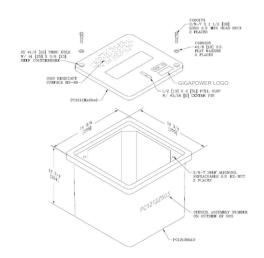




13" FLOWER POT







PRIMARY FLEXIBILITY POINT CABINET



PFP CABINET	DIMENSIONS
288 CABINET CHARLES PFP PAD MOUNT	28.3" H X 23.8" W X 15.8" D
432 CABINET CHARLES PFP PAD MOUNT	31.3" H X 26.4" W X 16.3" D
576 CABINET CHARLES PFP PAD MOUNT	35.25" H X 27.5" W X 18.3" D
864 CABINET CHARLES PFP PAD MOUNT	46.2" H X 46.8" W X 18.95" D

NOTICE-NOT FOR DISCLOSURE OUTSIDE OF GIGAPOWER AND AFFILIATES EXCEPT UNDER WRITTEN AGREEMENT



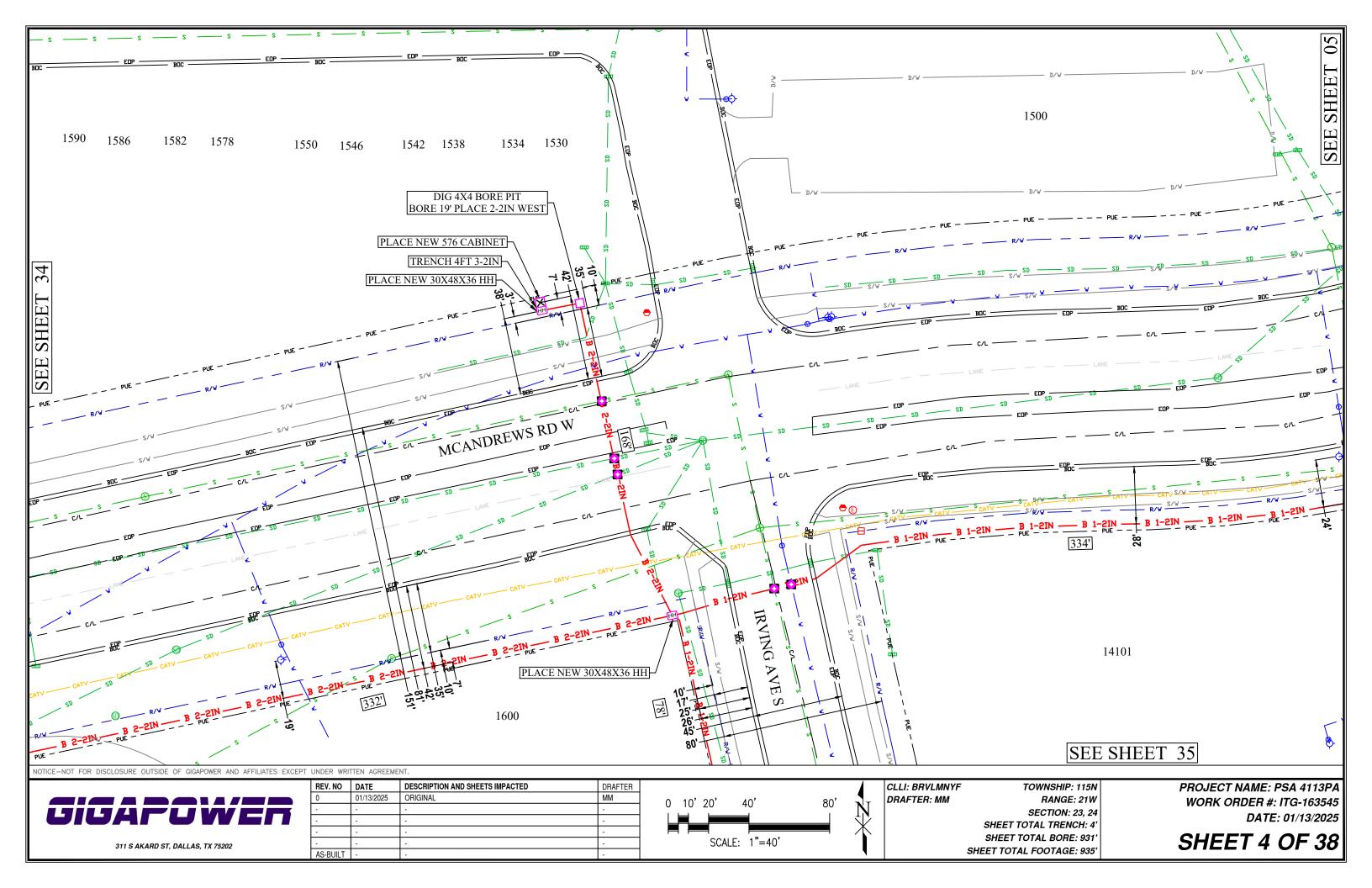
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AS-BUILT	-	•	-

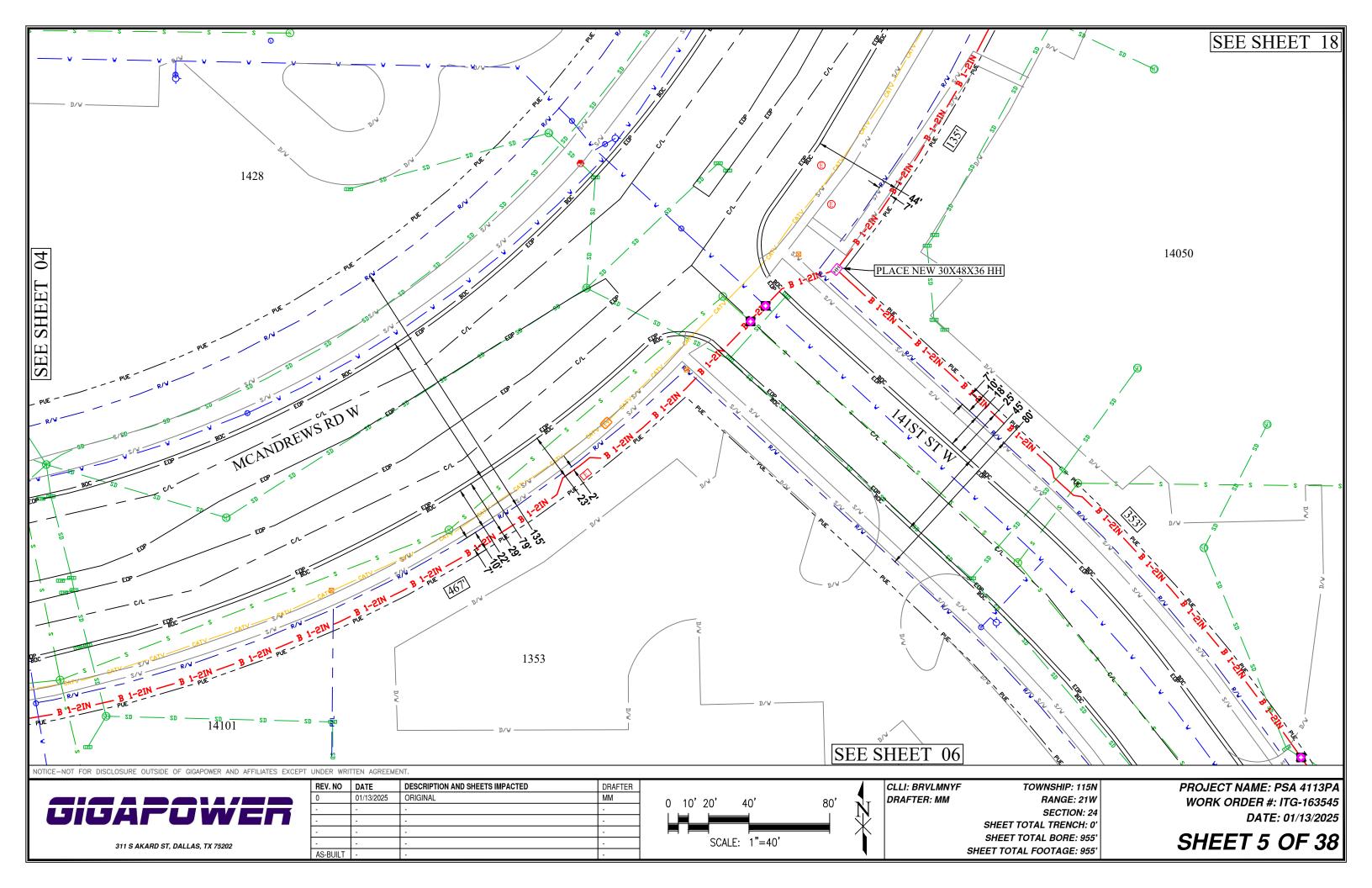


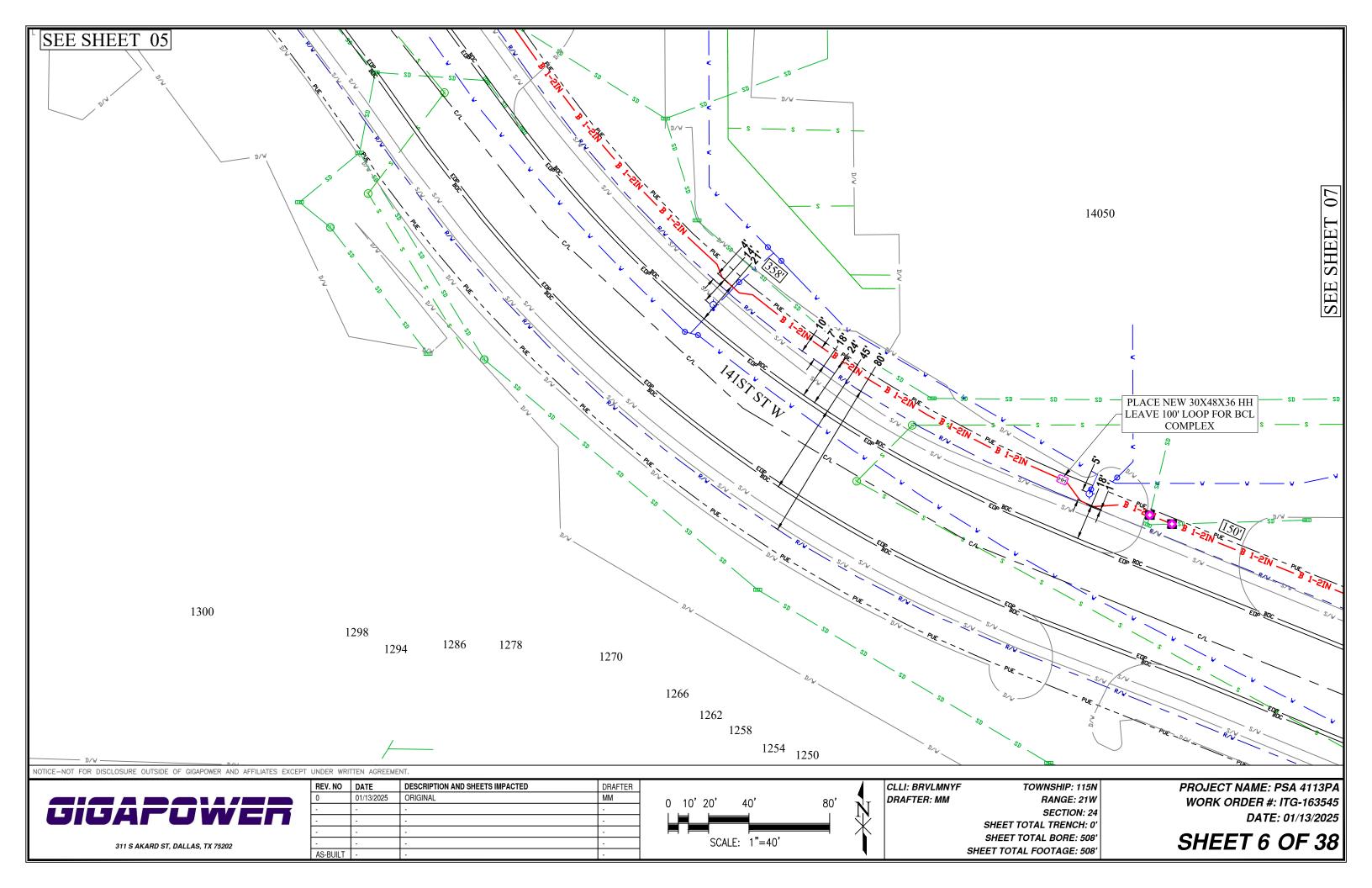
CLLI: BRVLMNYF DRAFTER: MM PROJECT NAME: PSA 4113PA WORK ORDER #: ITG-163545 DATE: 01/13/2025

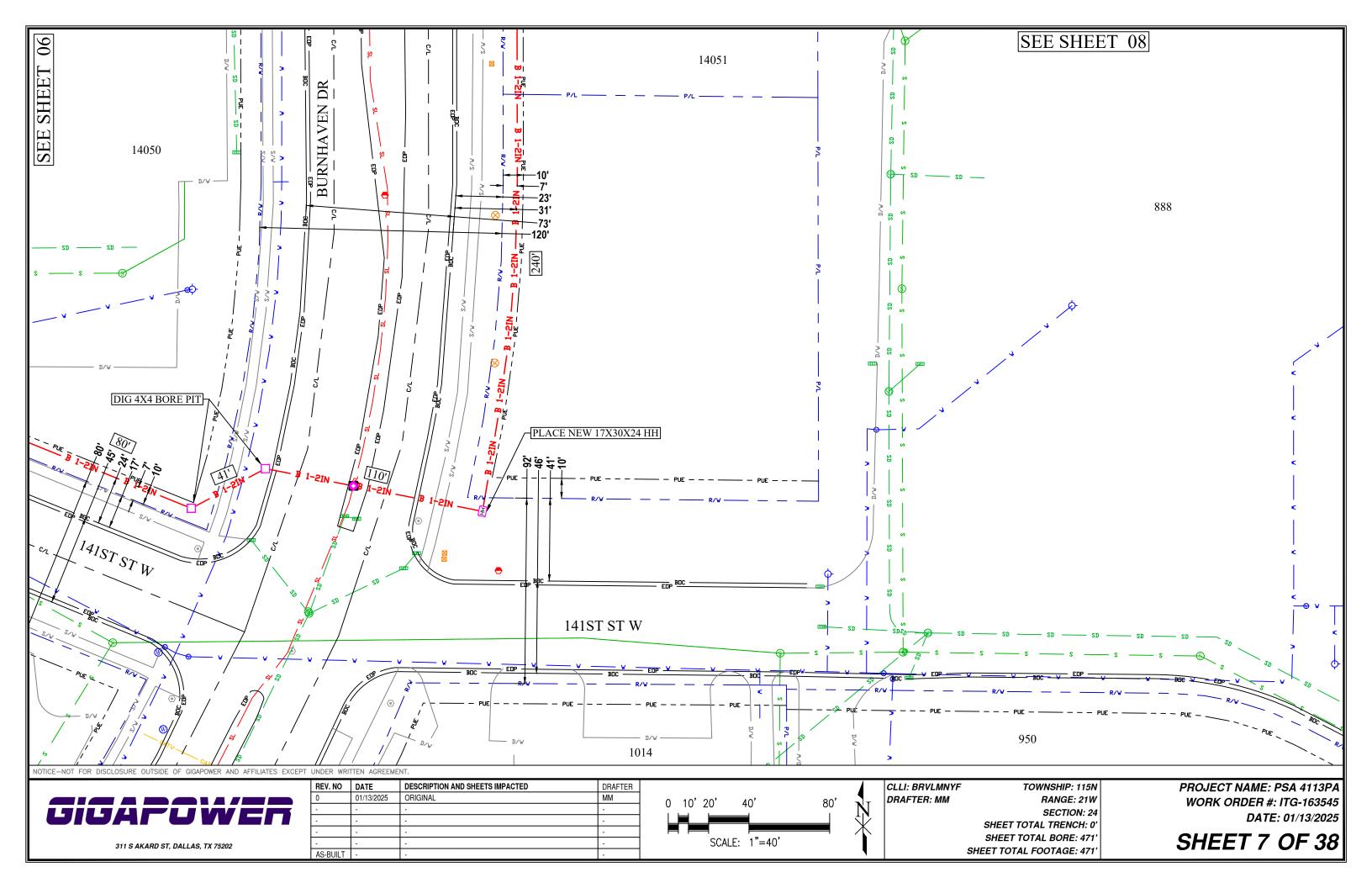
SHEET 3 OF 38

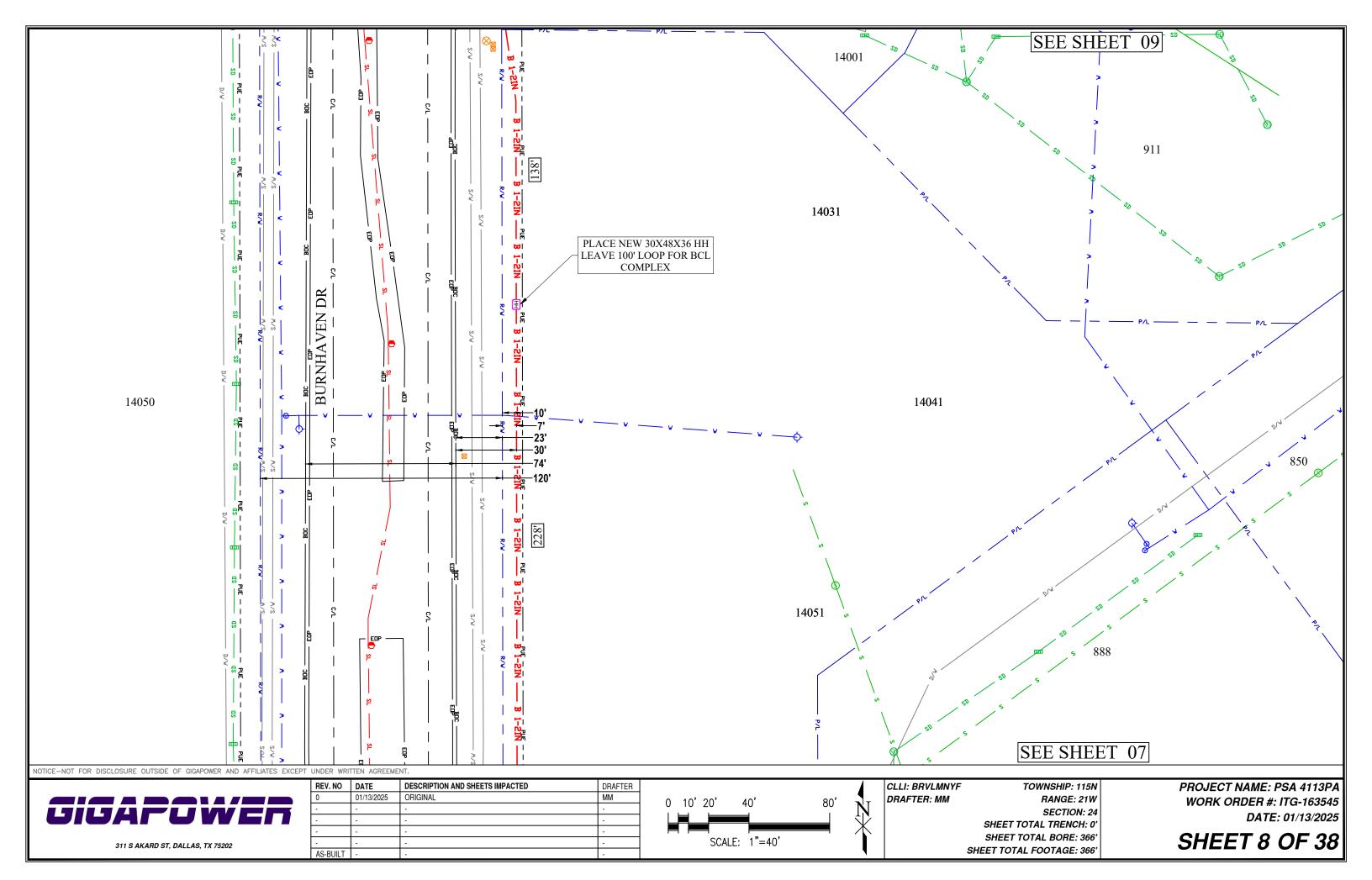
311 S AKARD ST, DALLAS, TX 75202

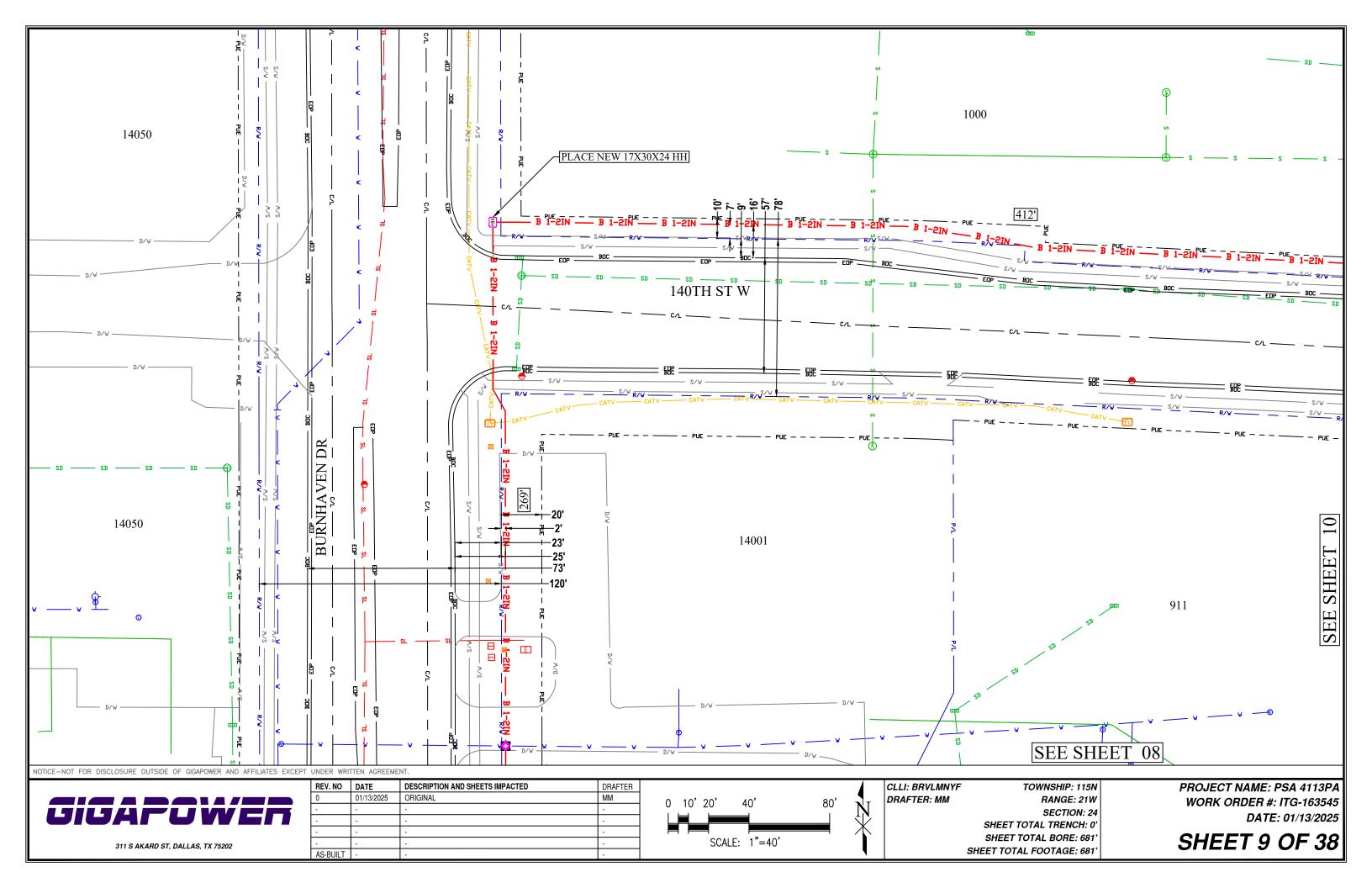


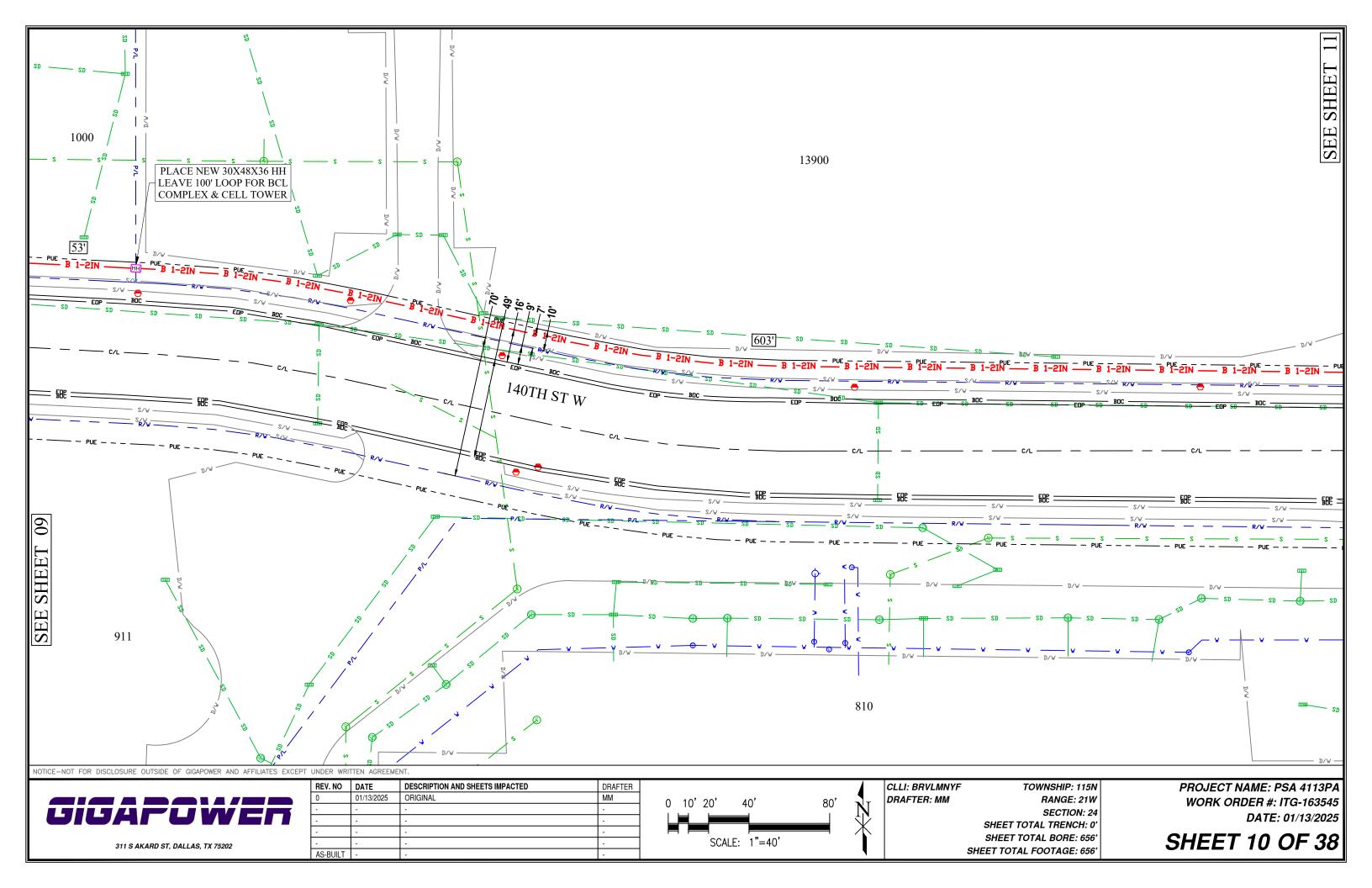


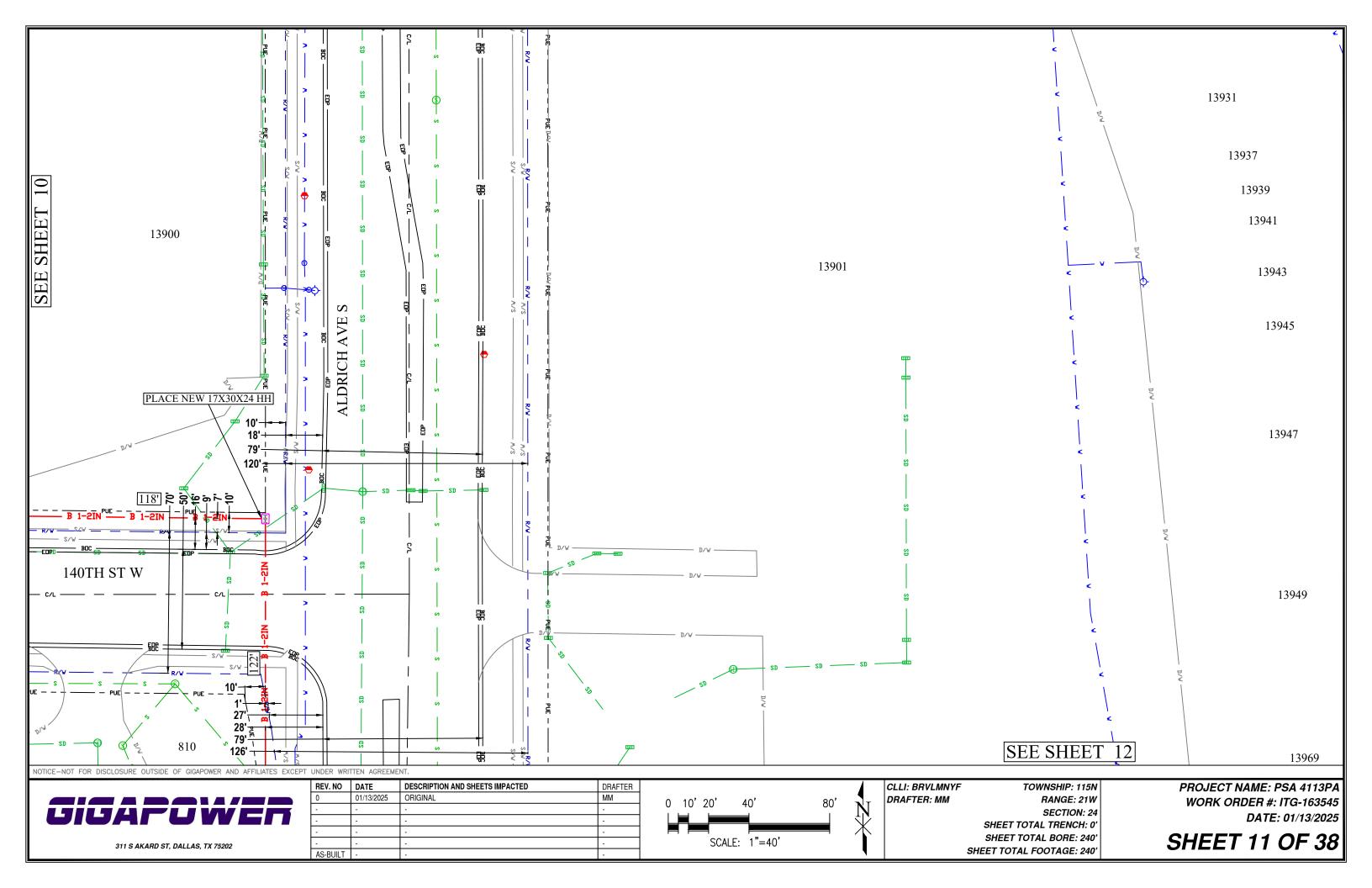


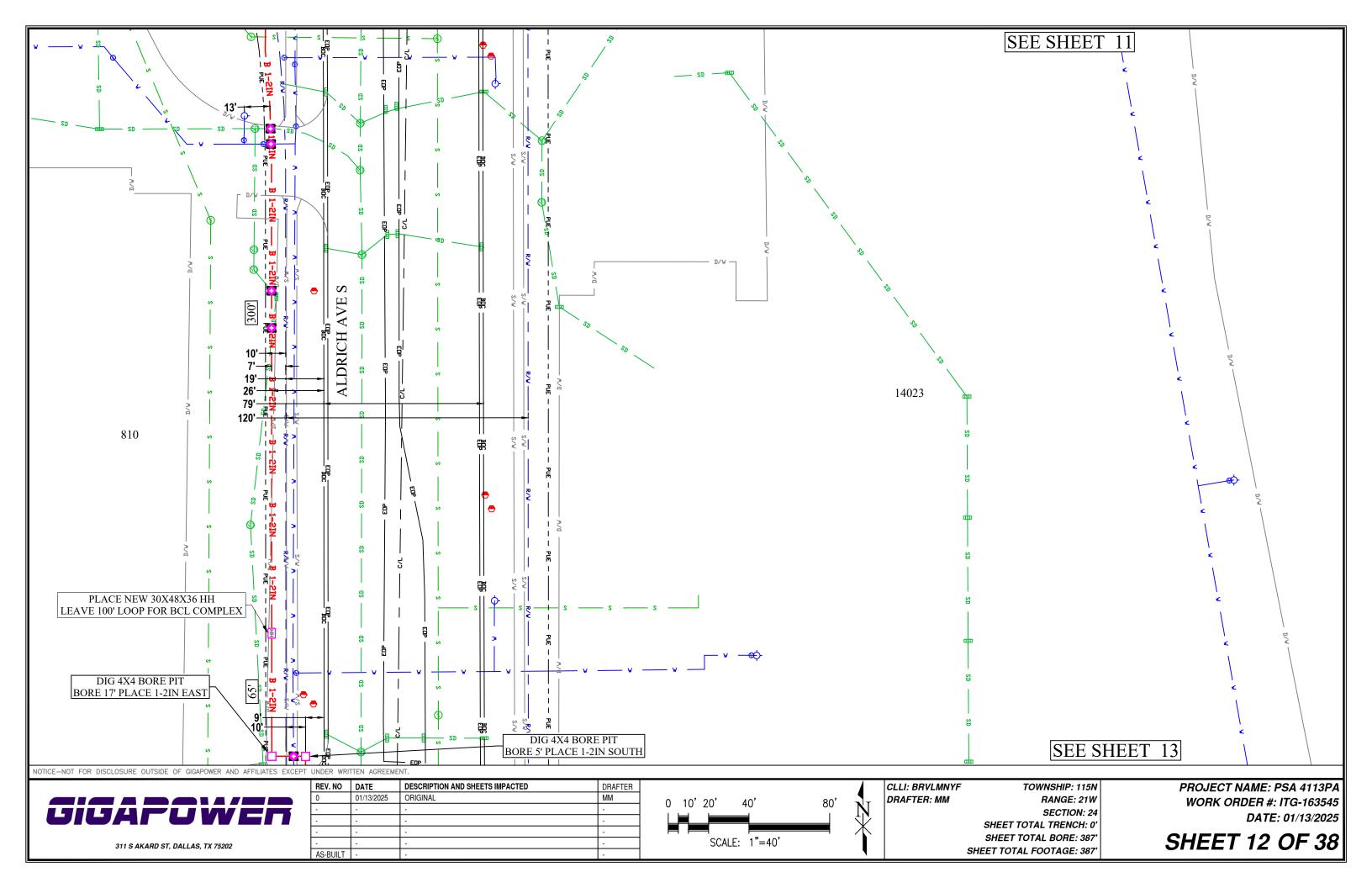


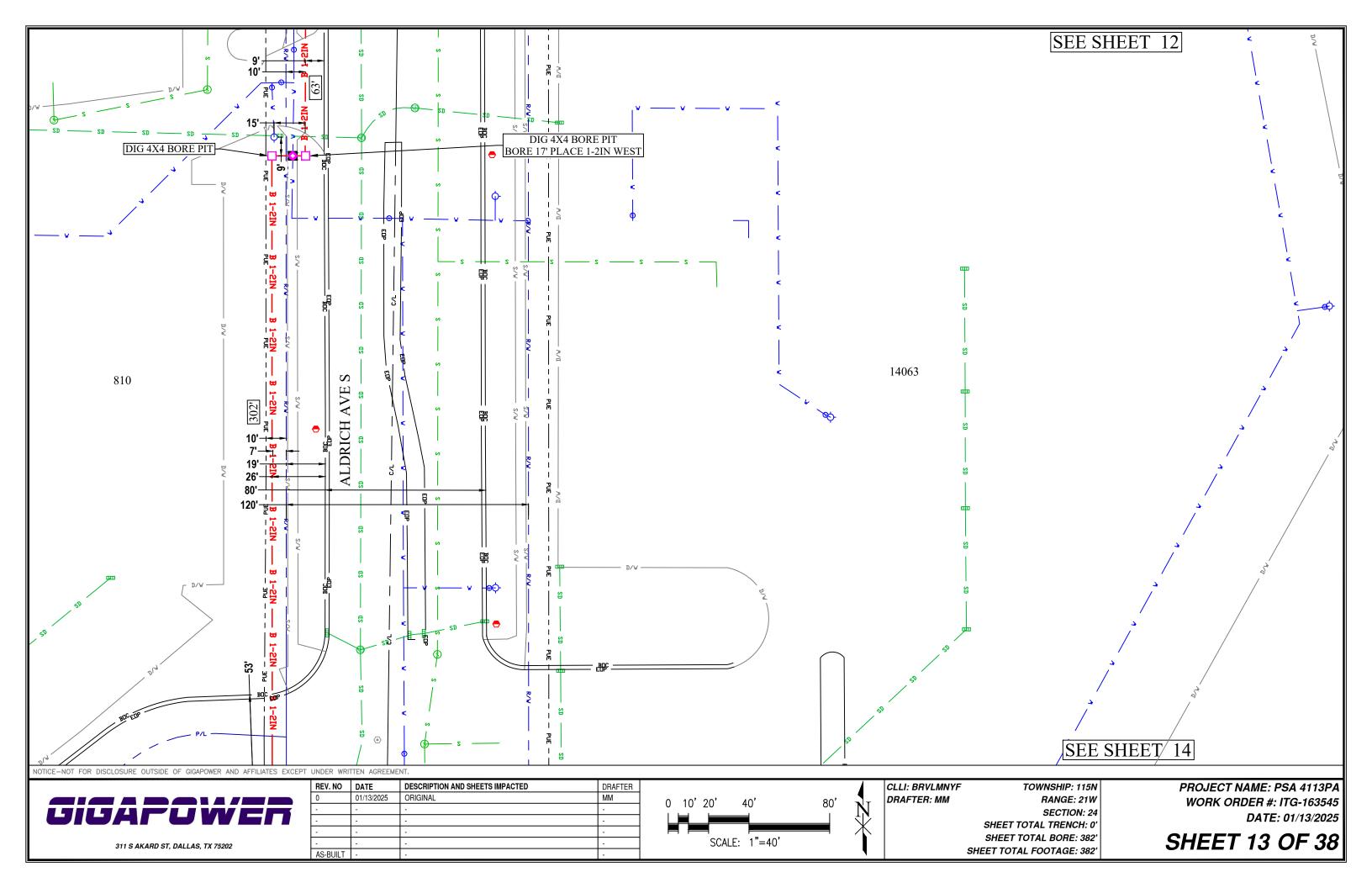


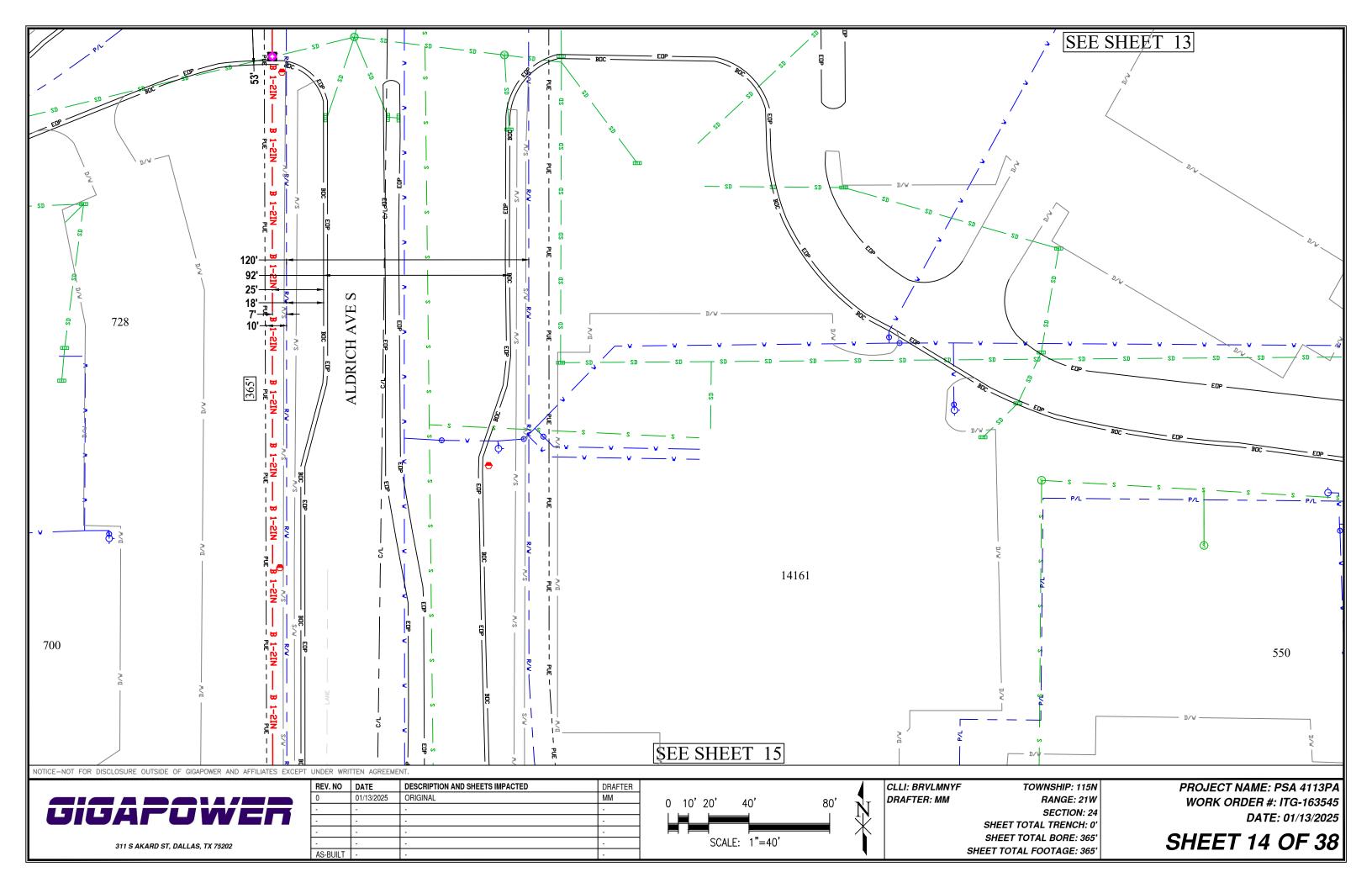


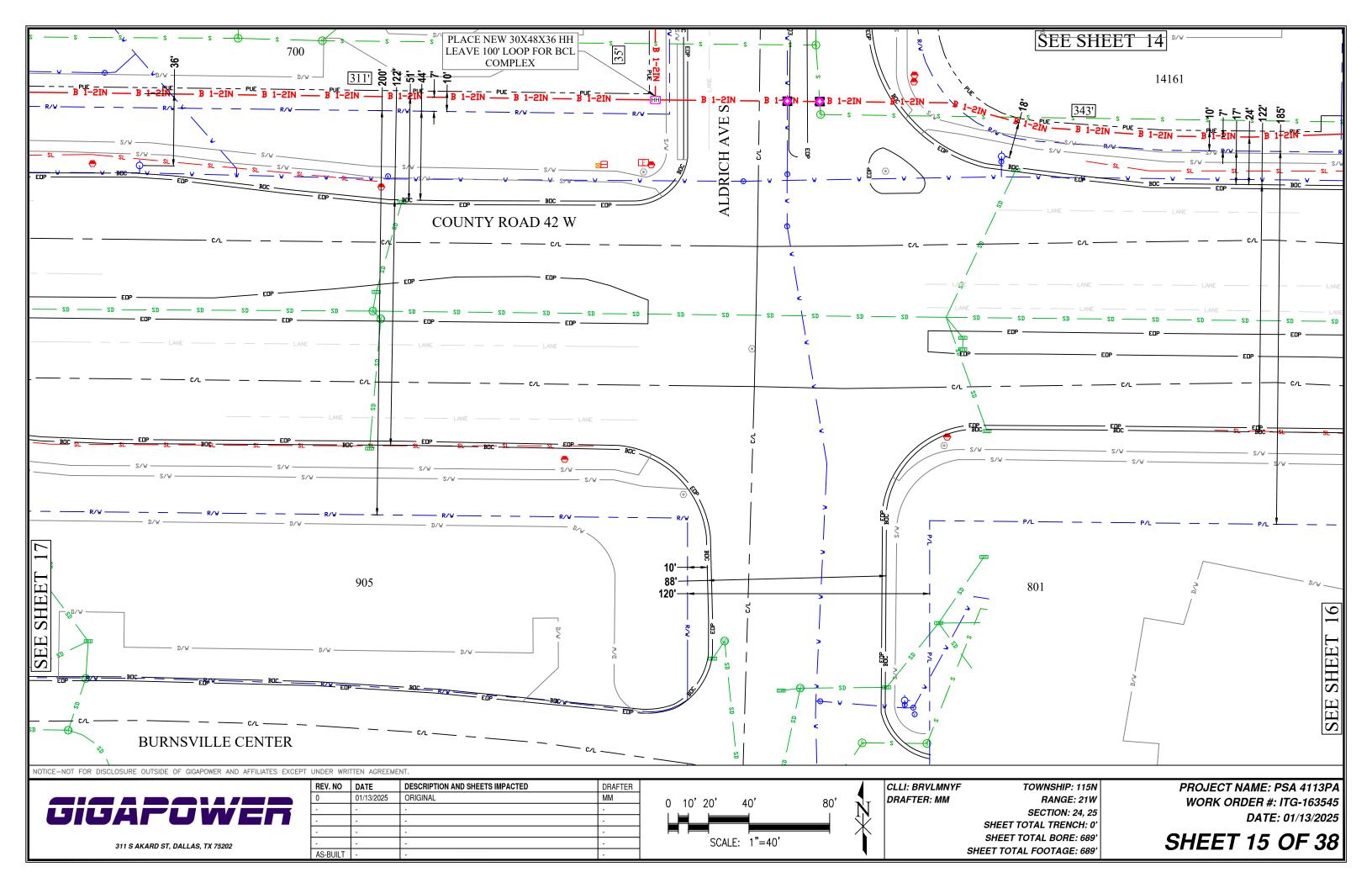


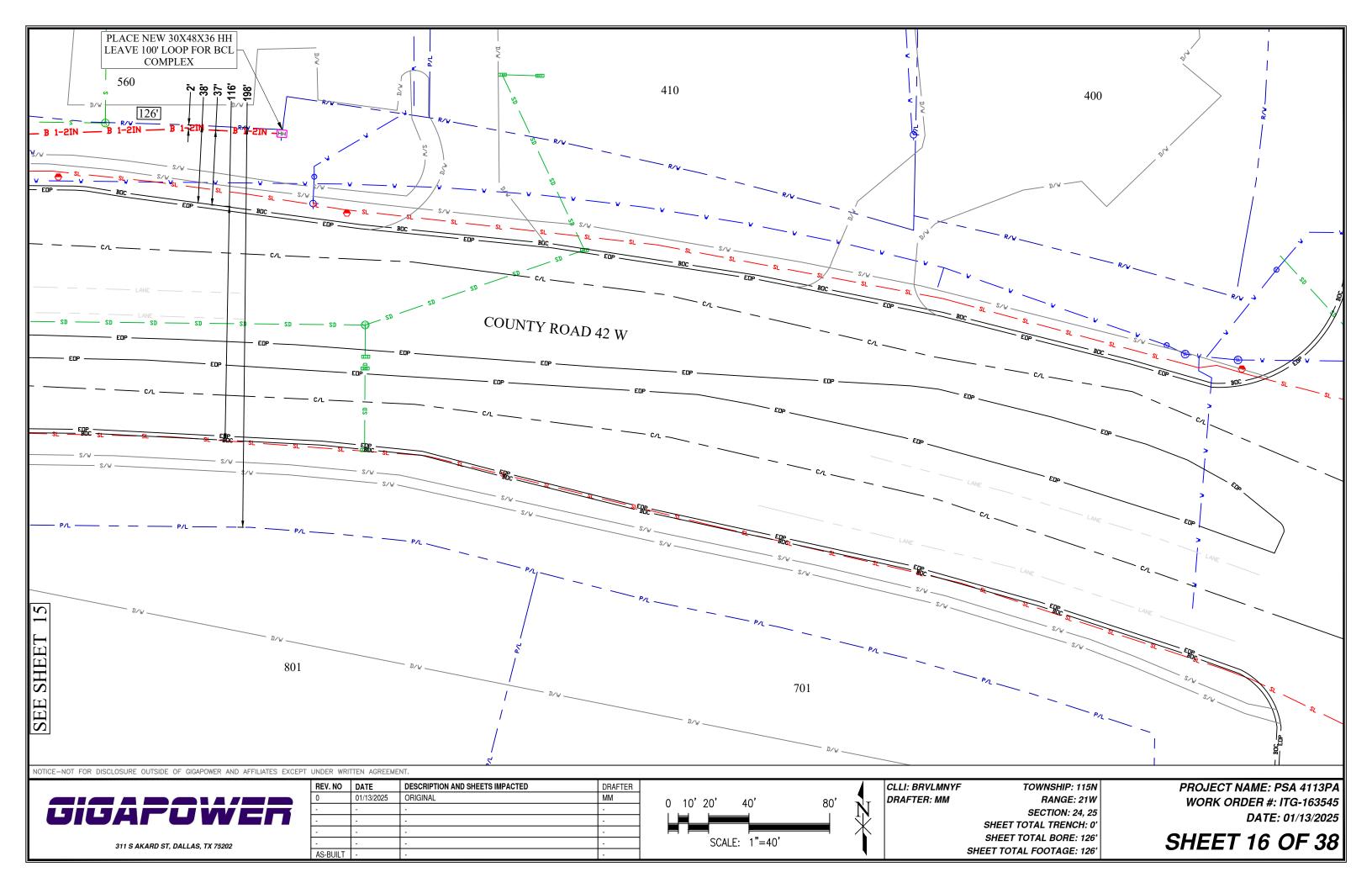


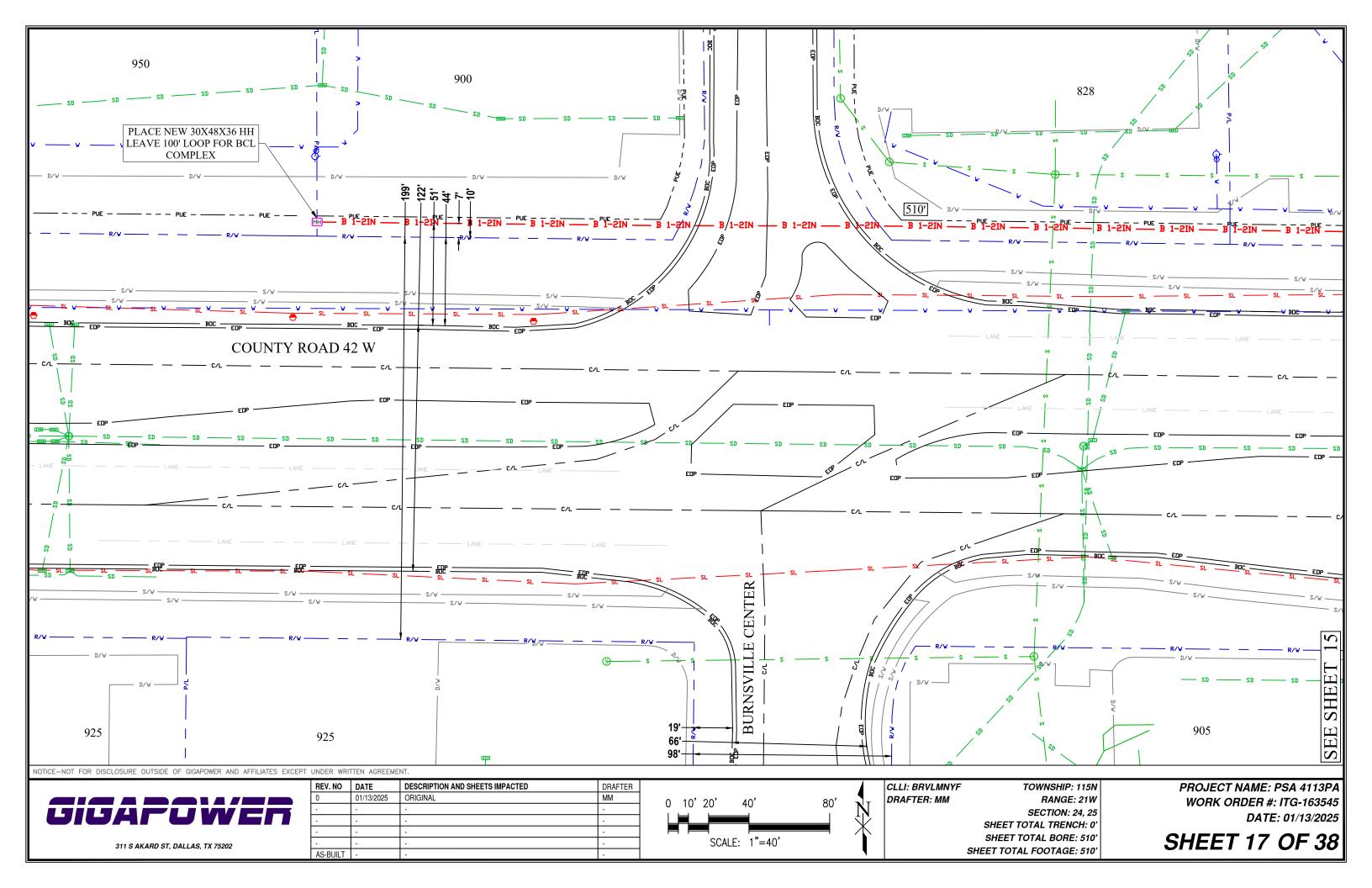


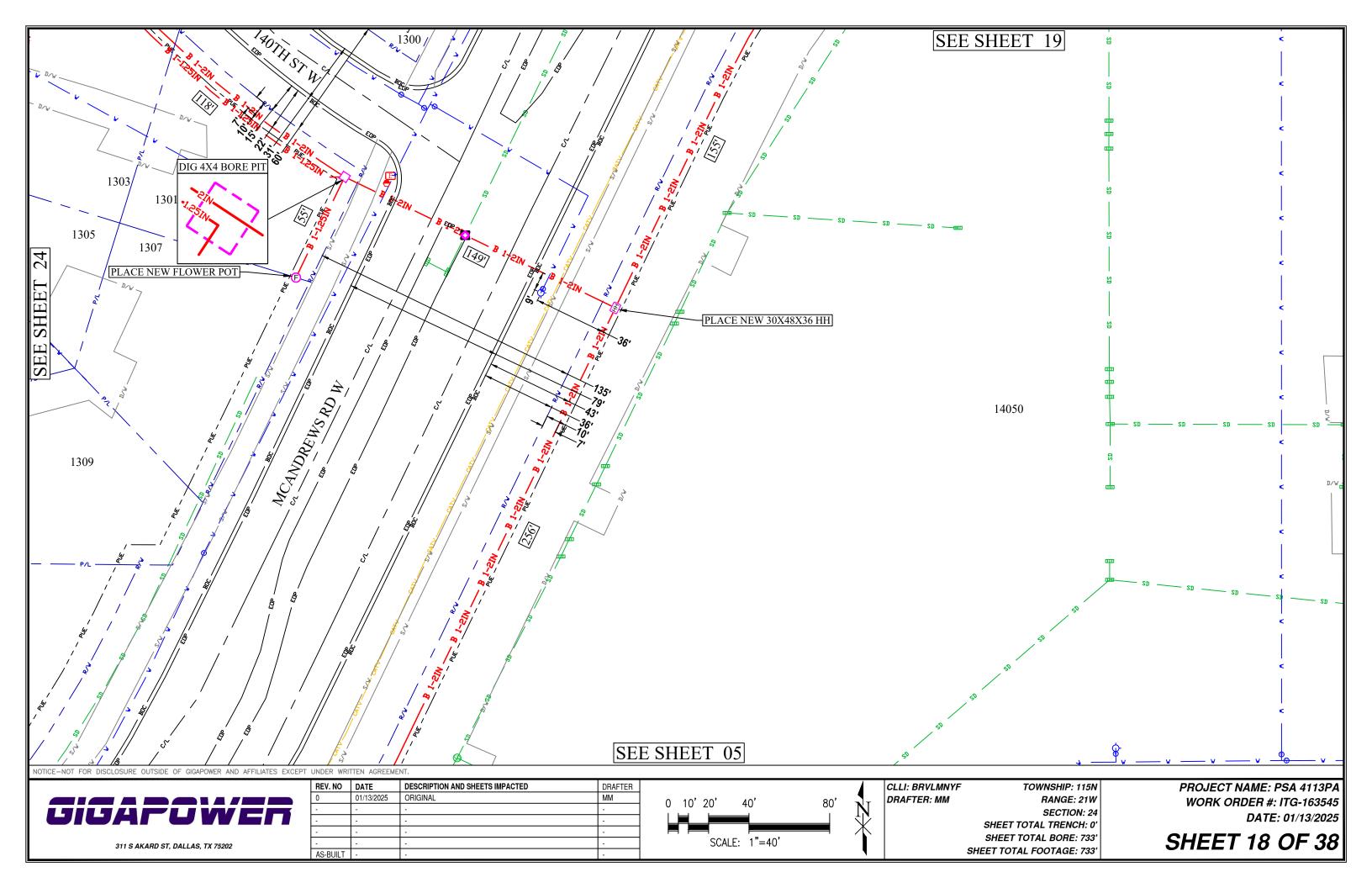


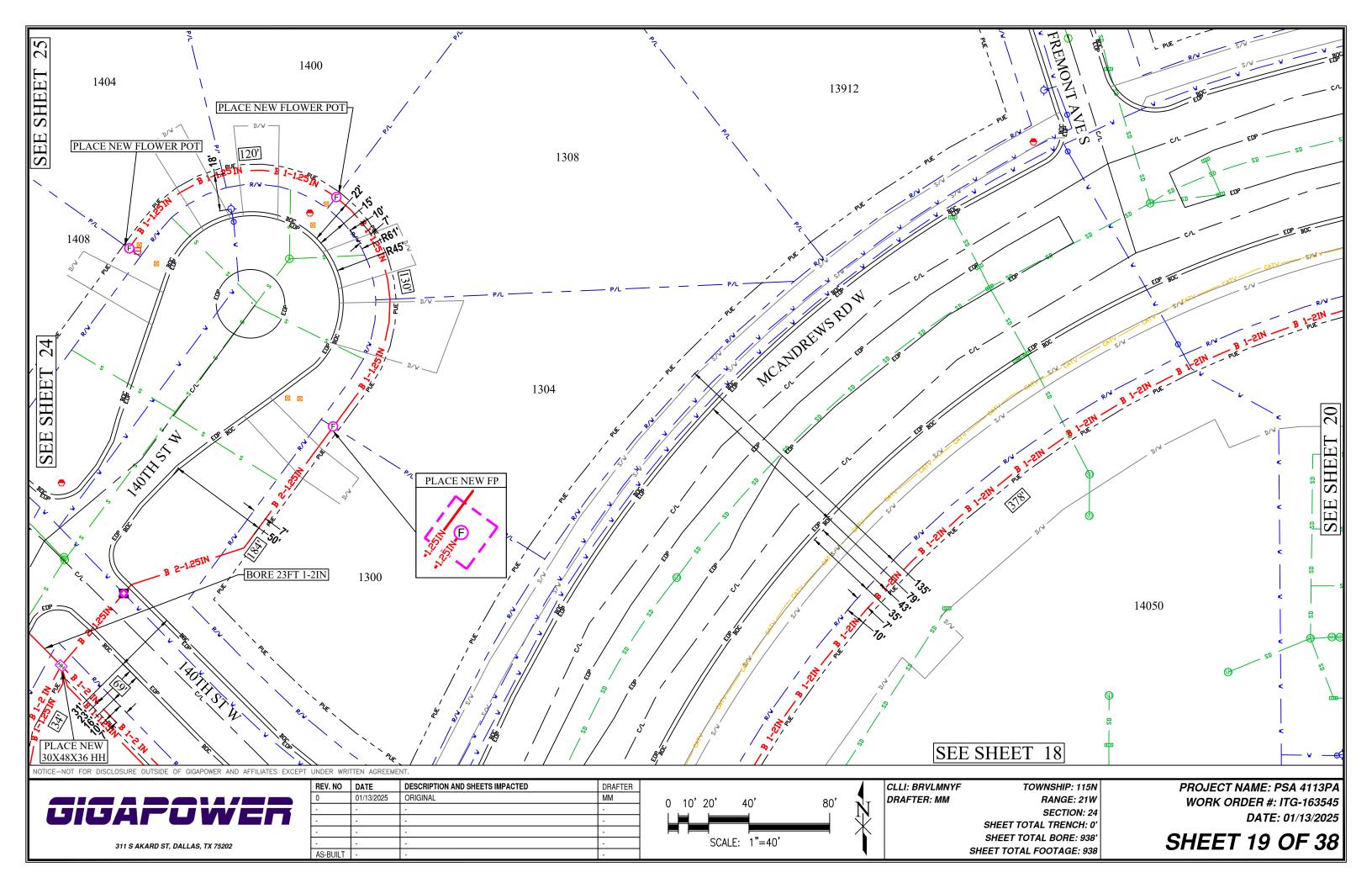


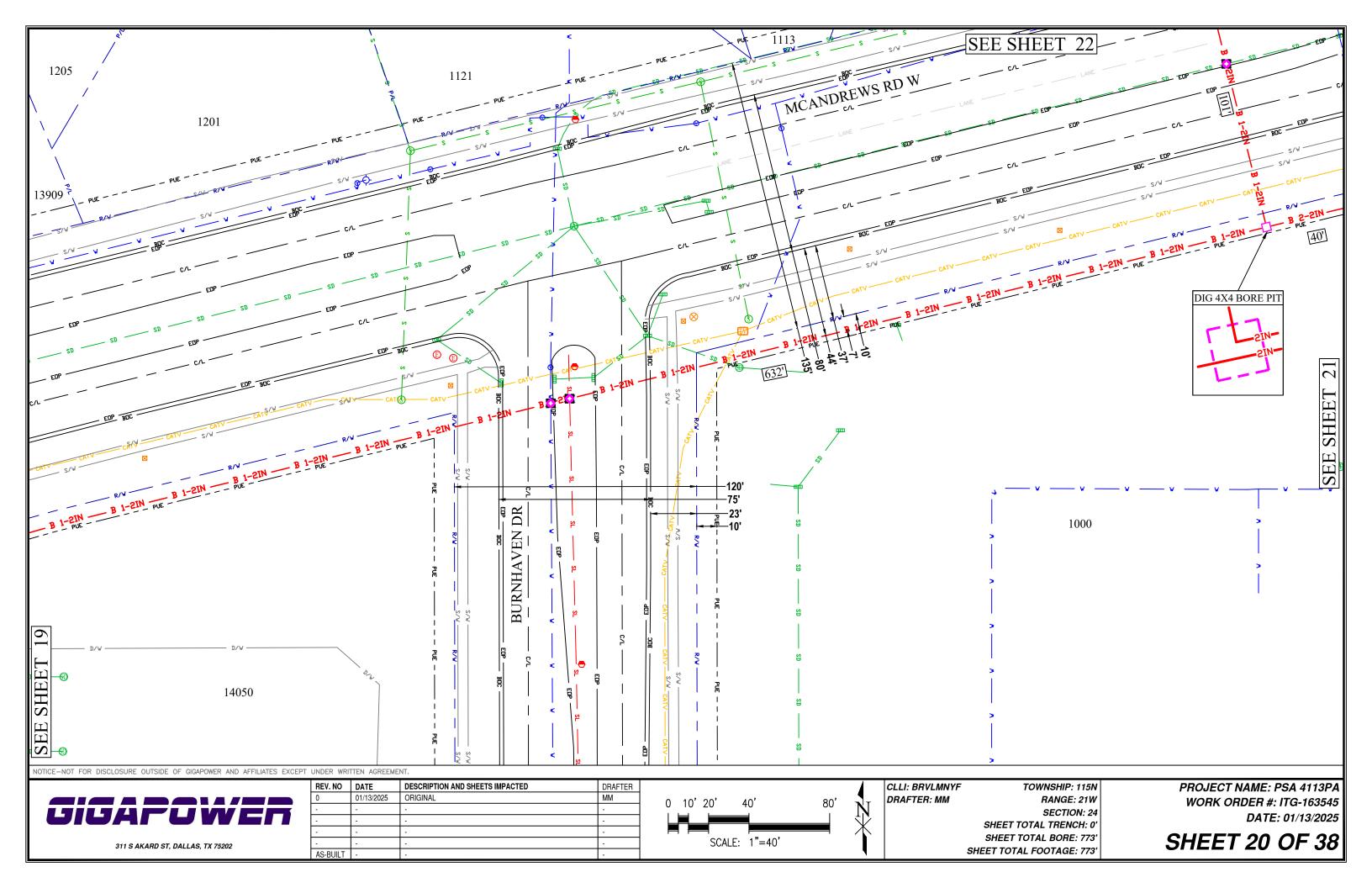


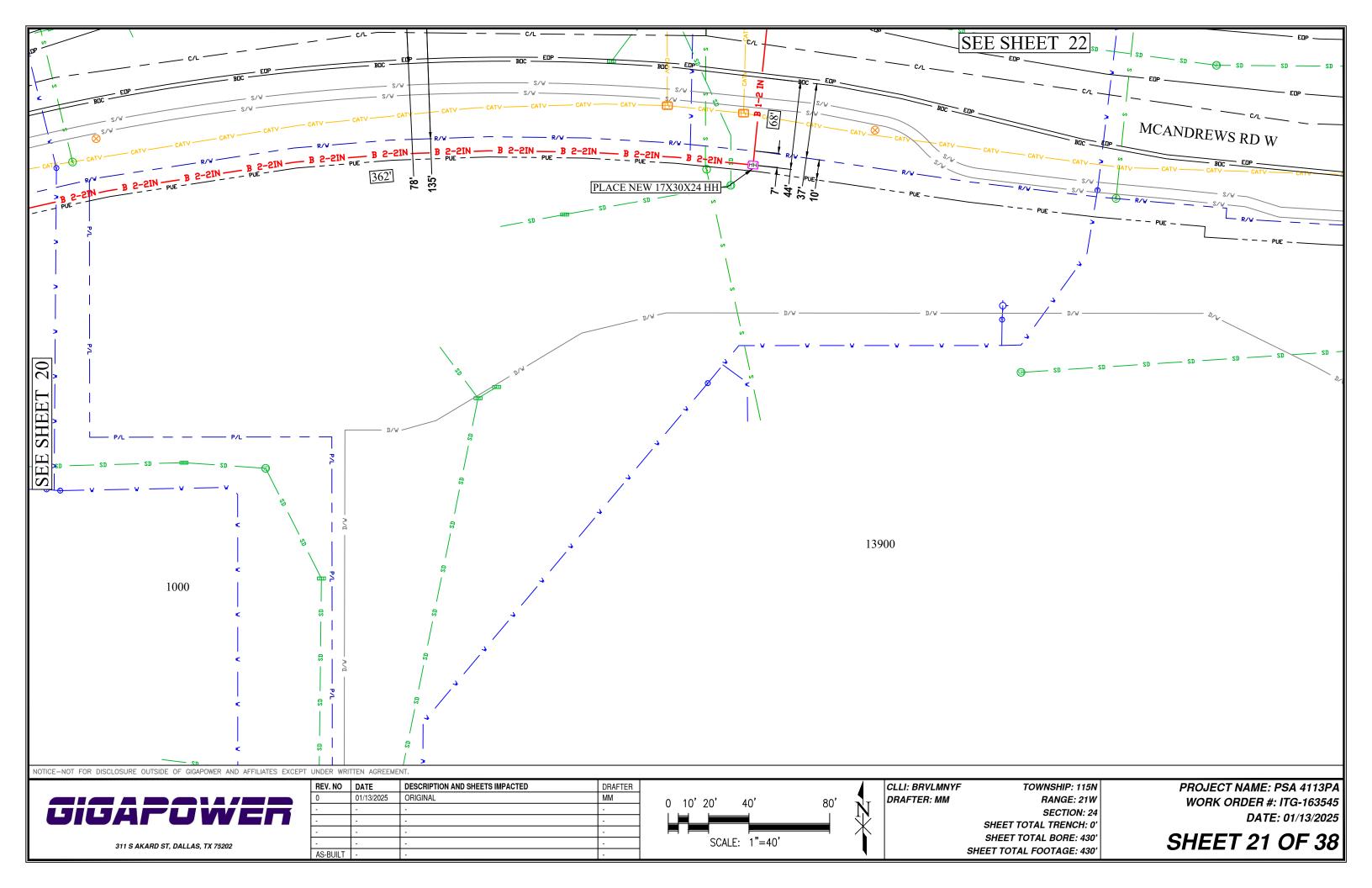


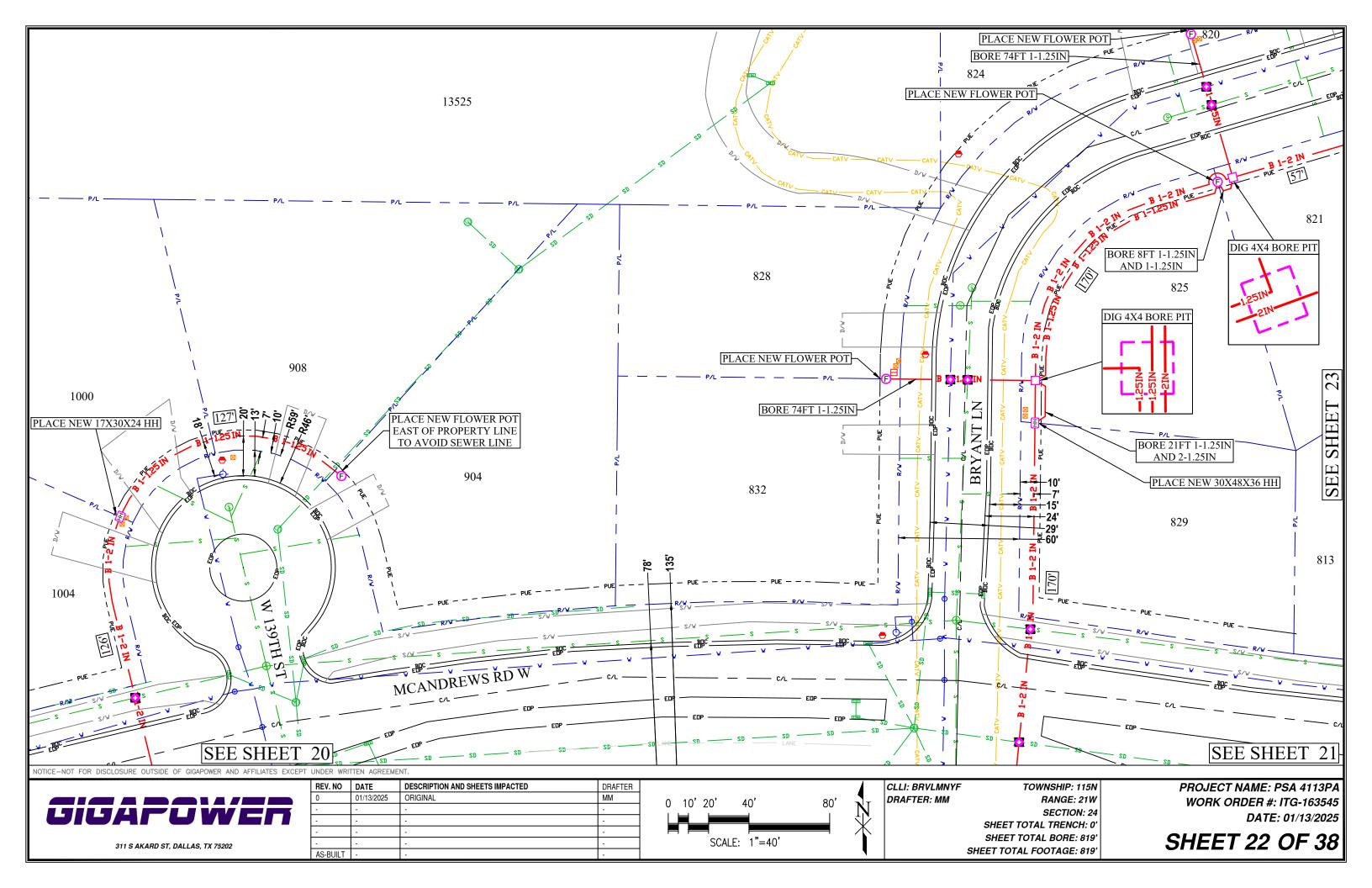


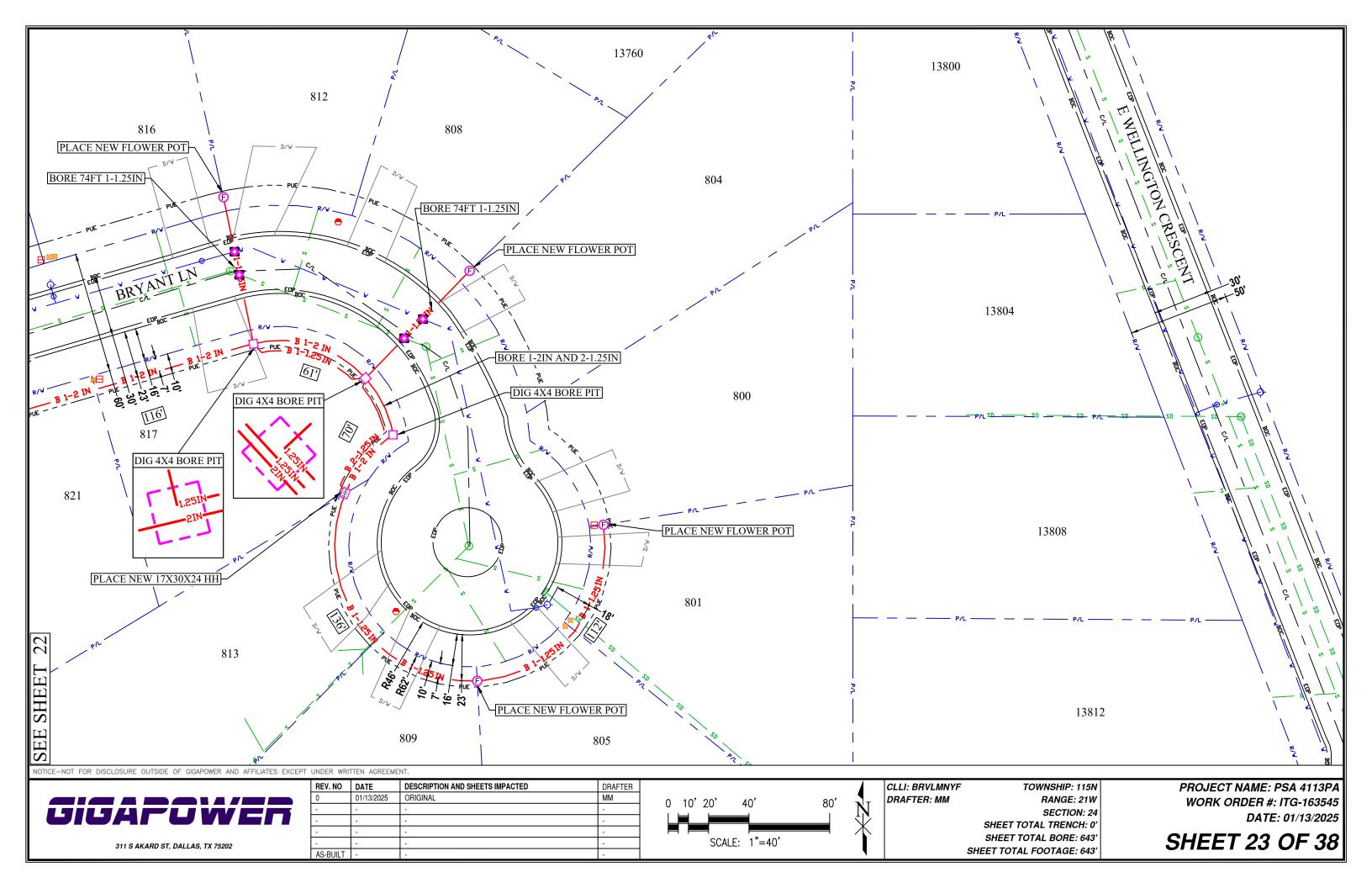


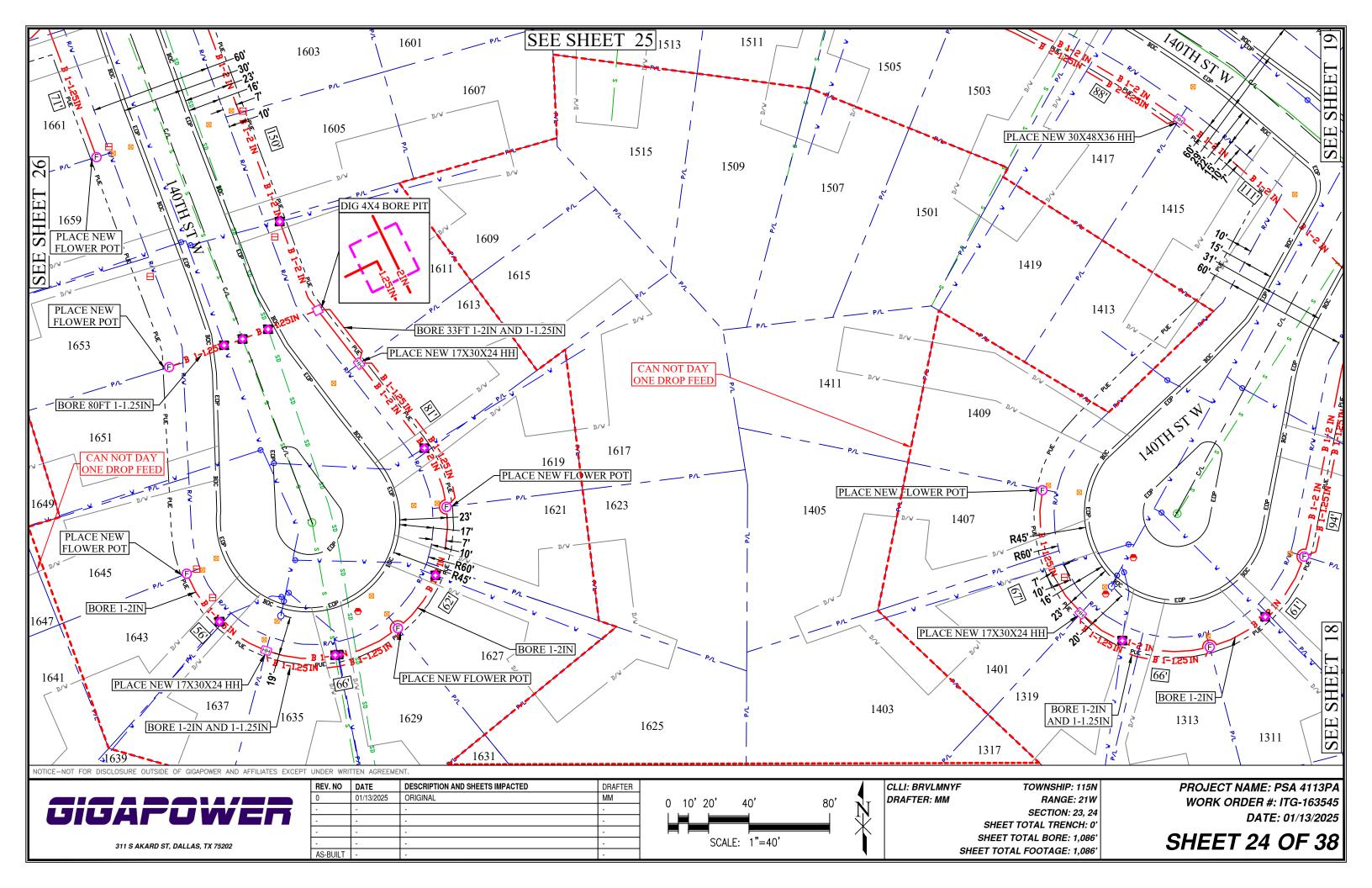


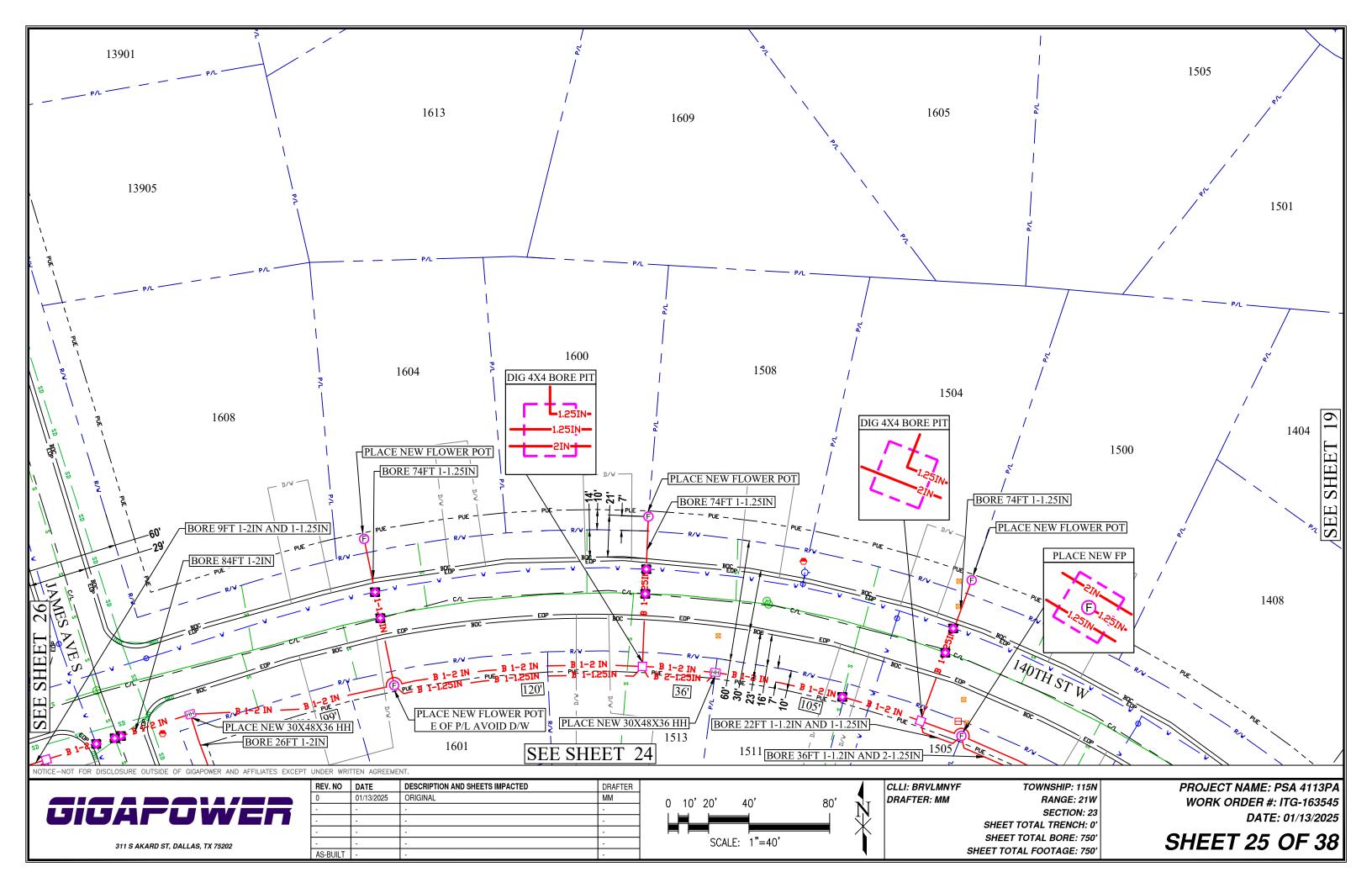


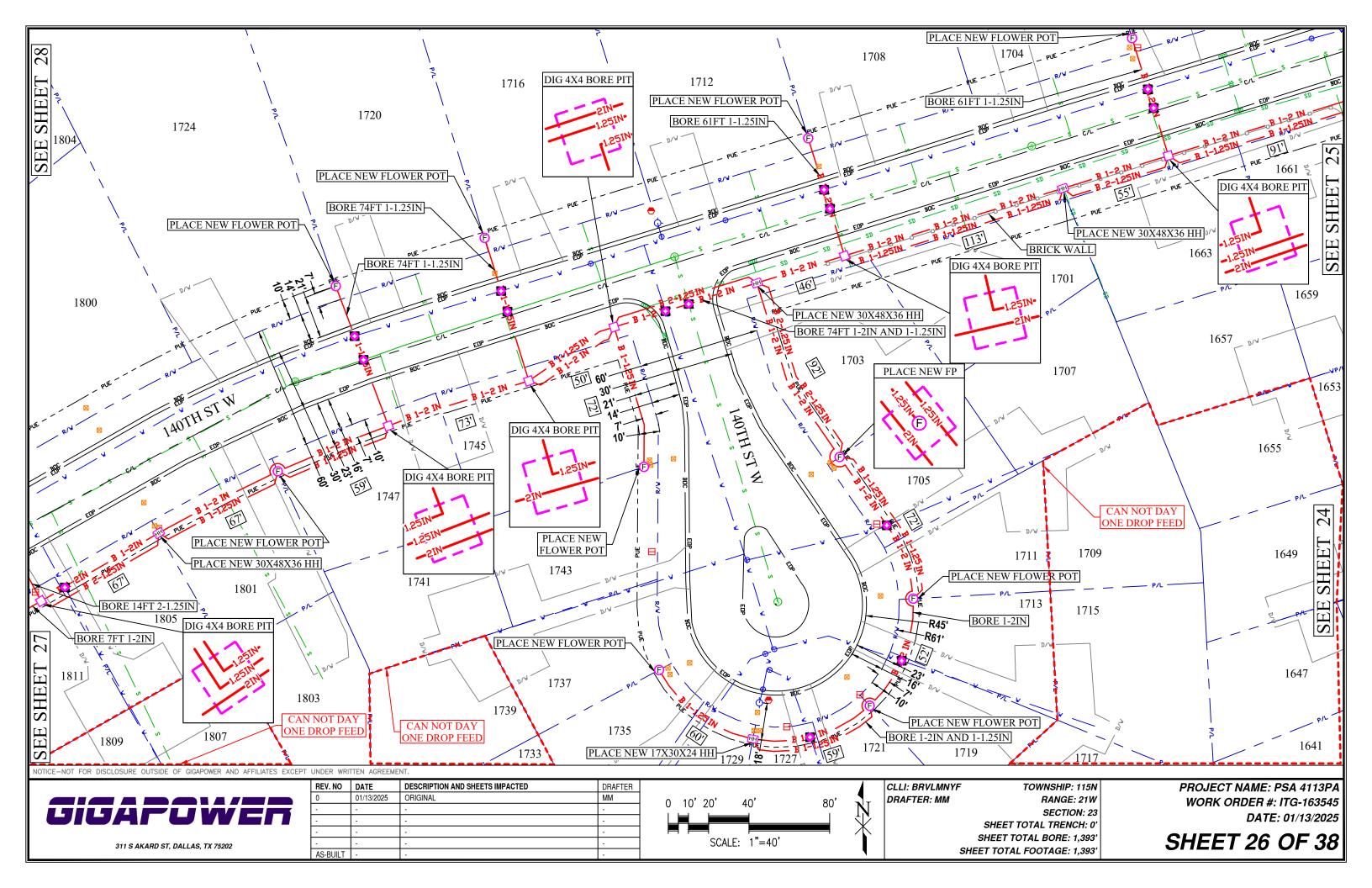


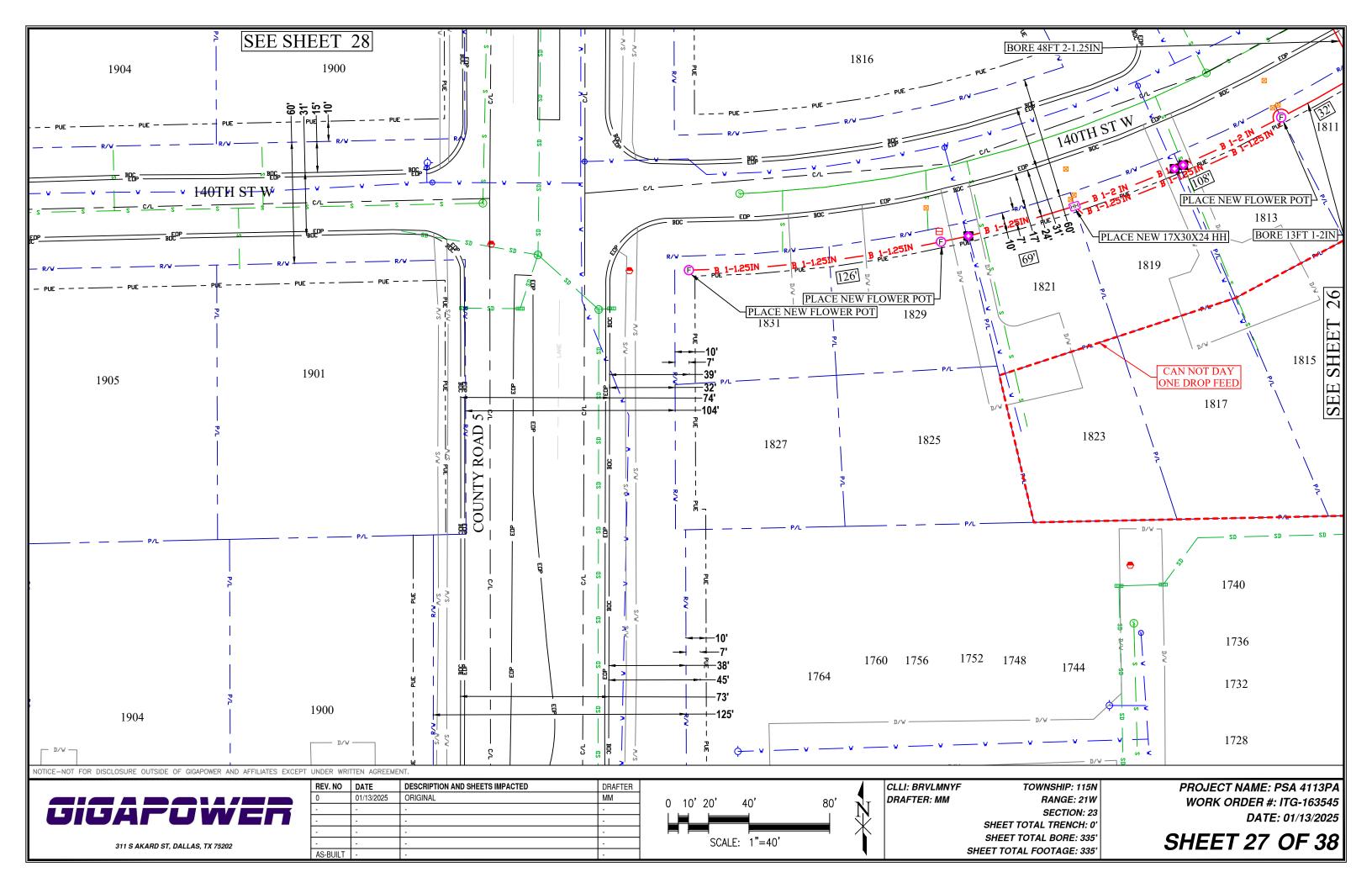


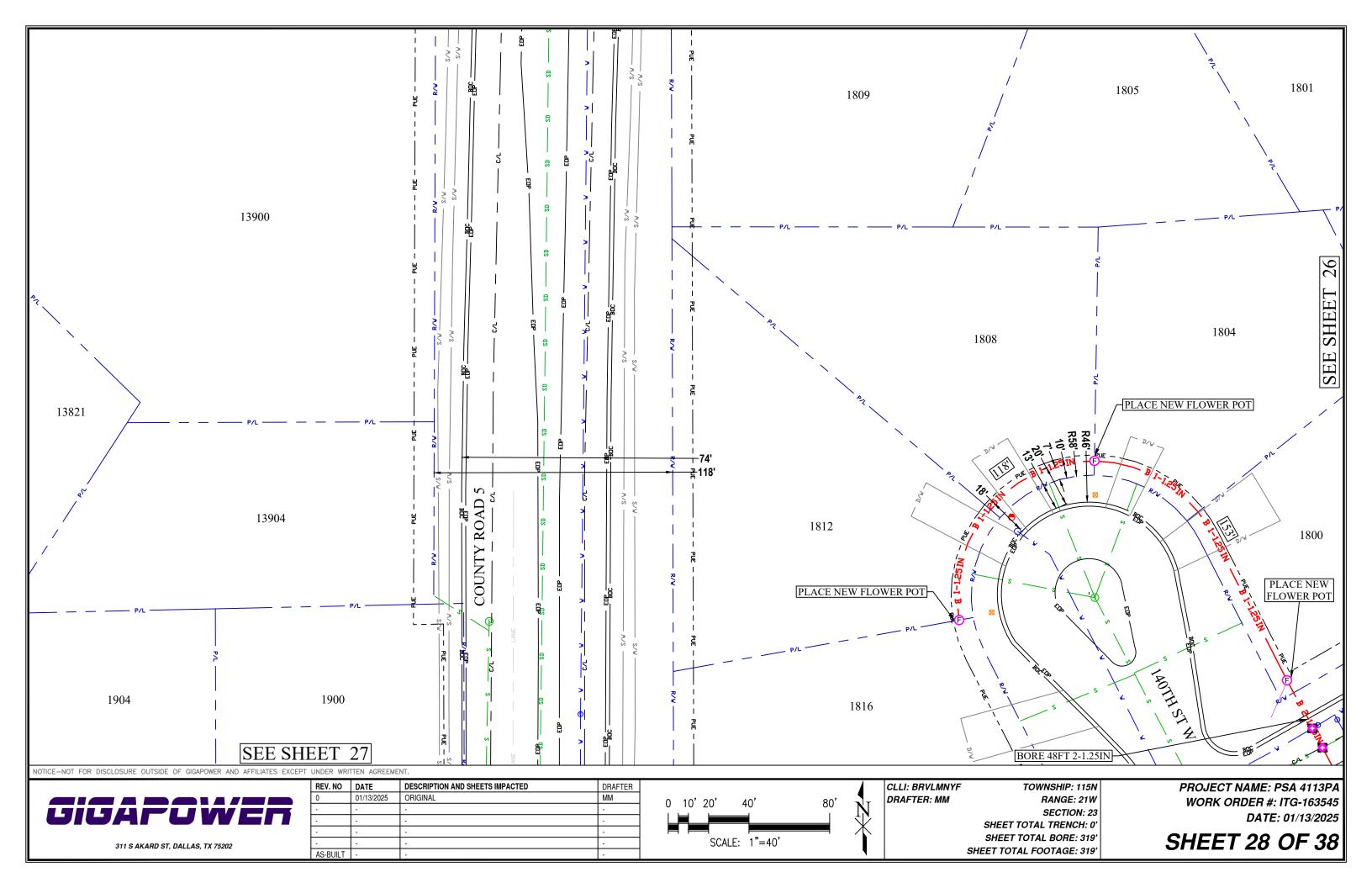


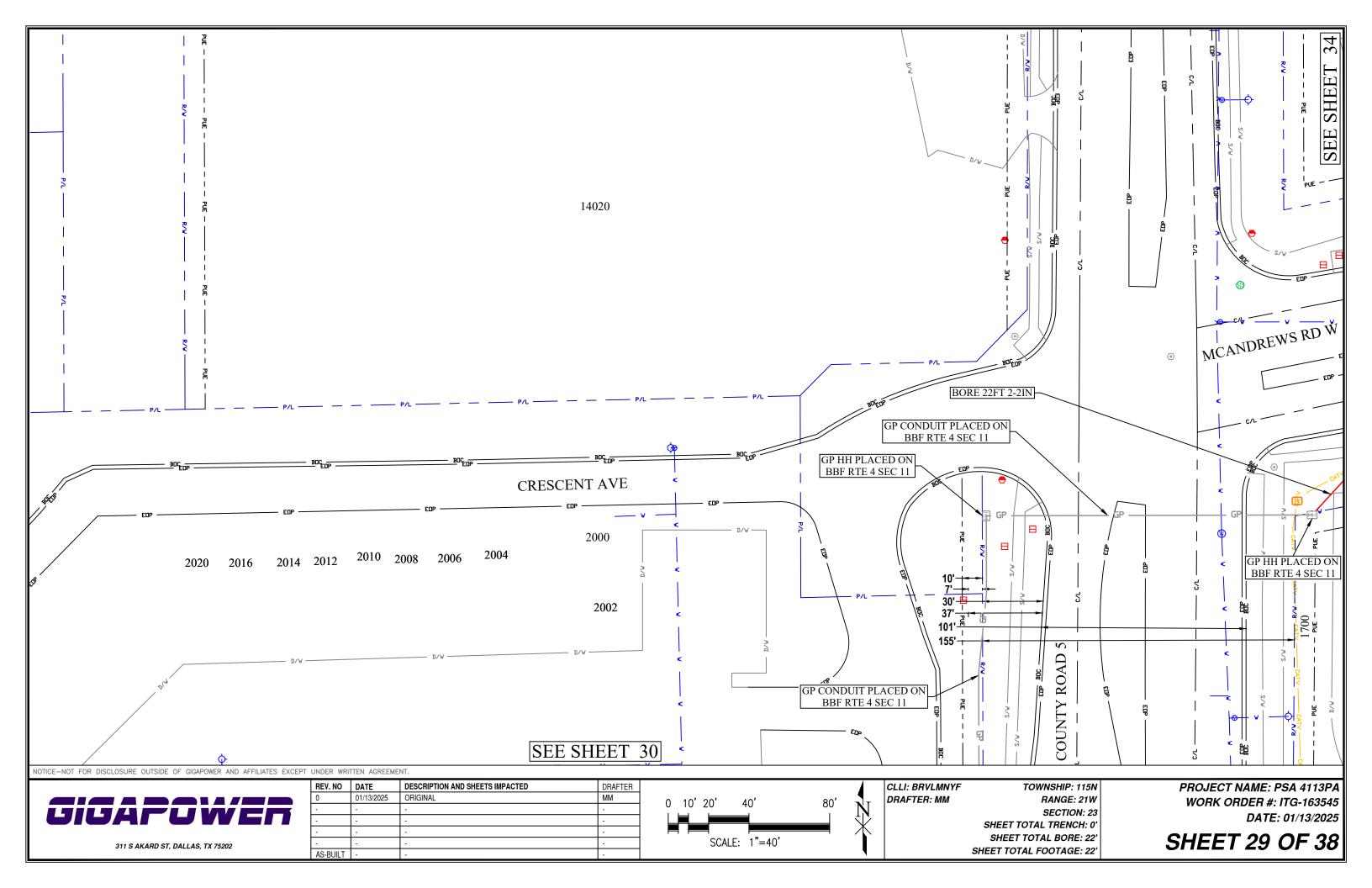


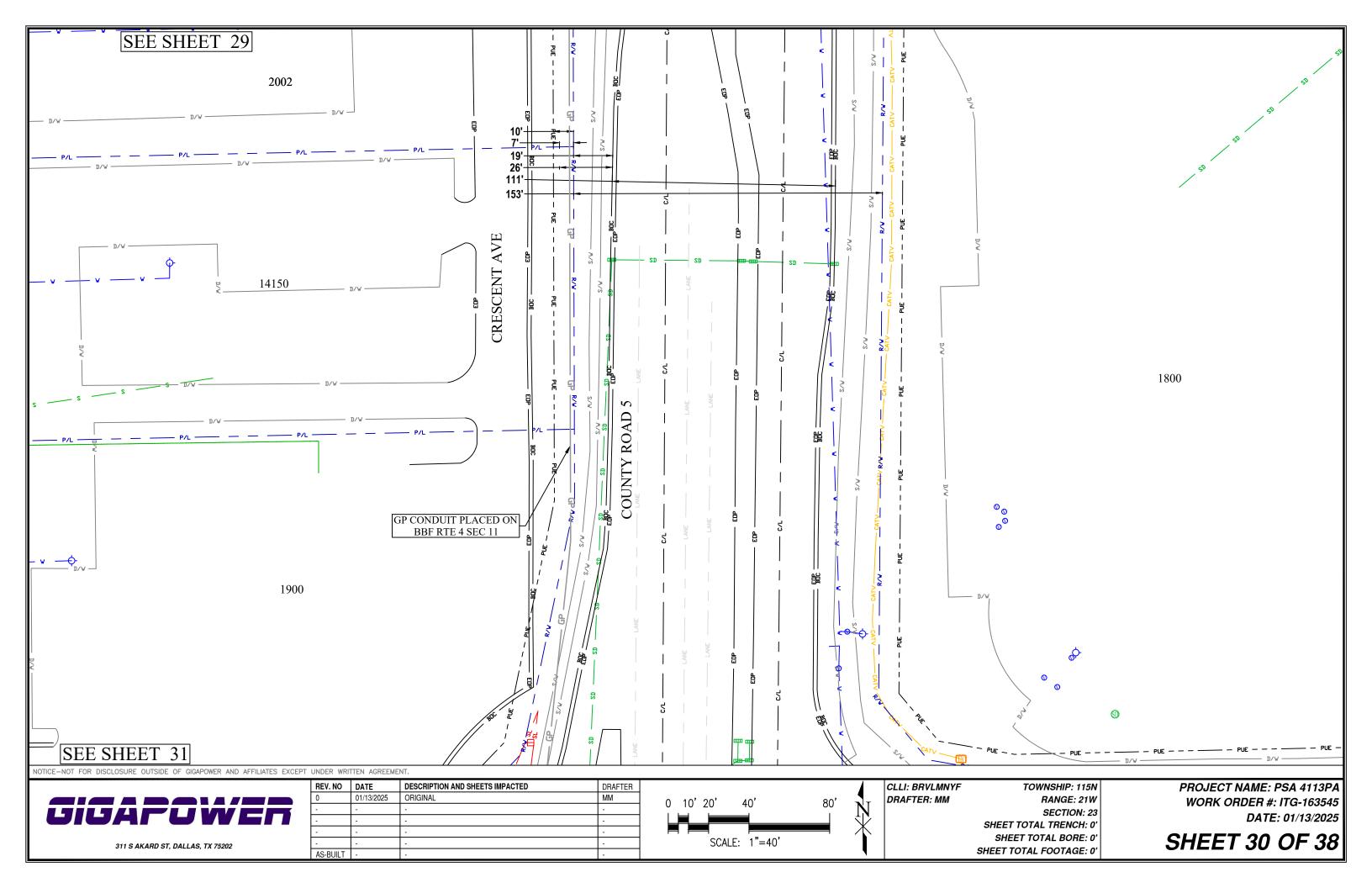


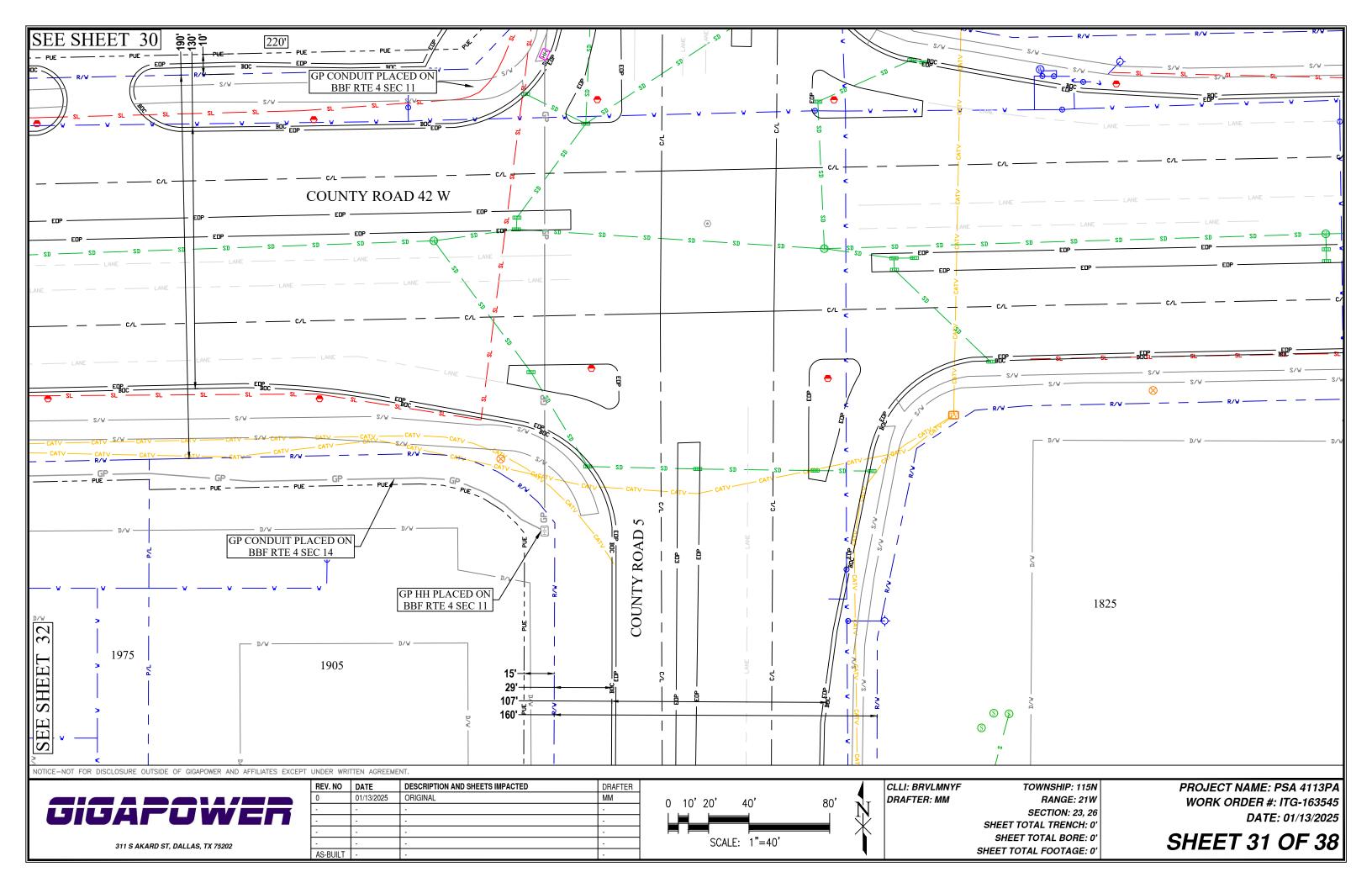


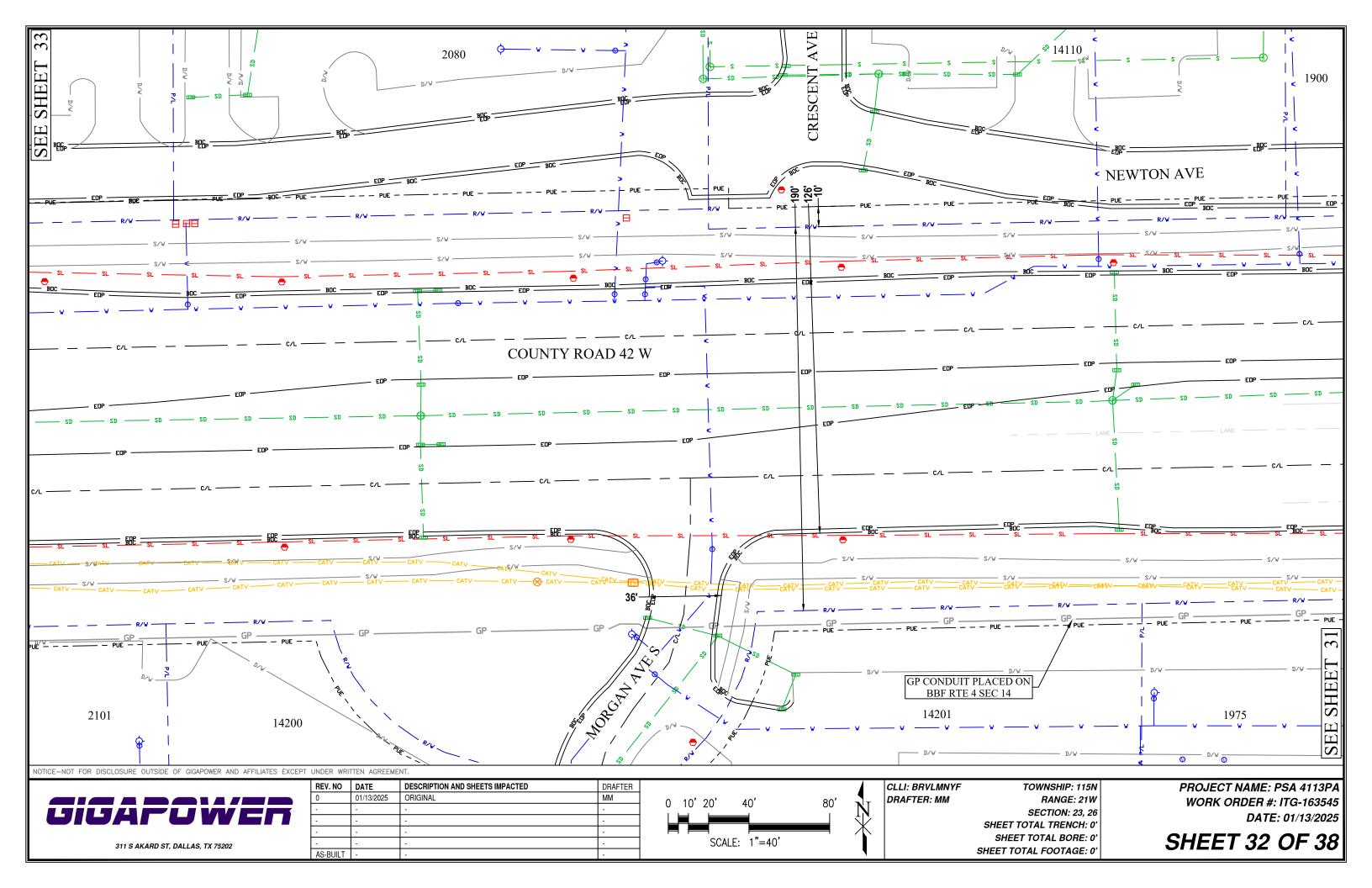


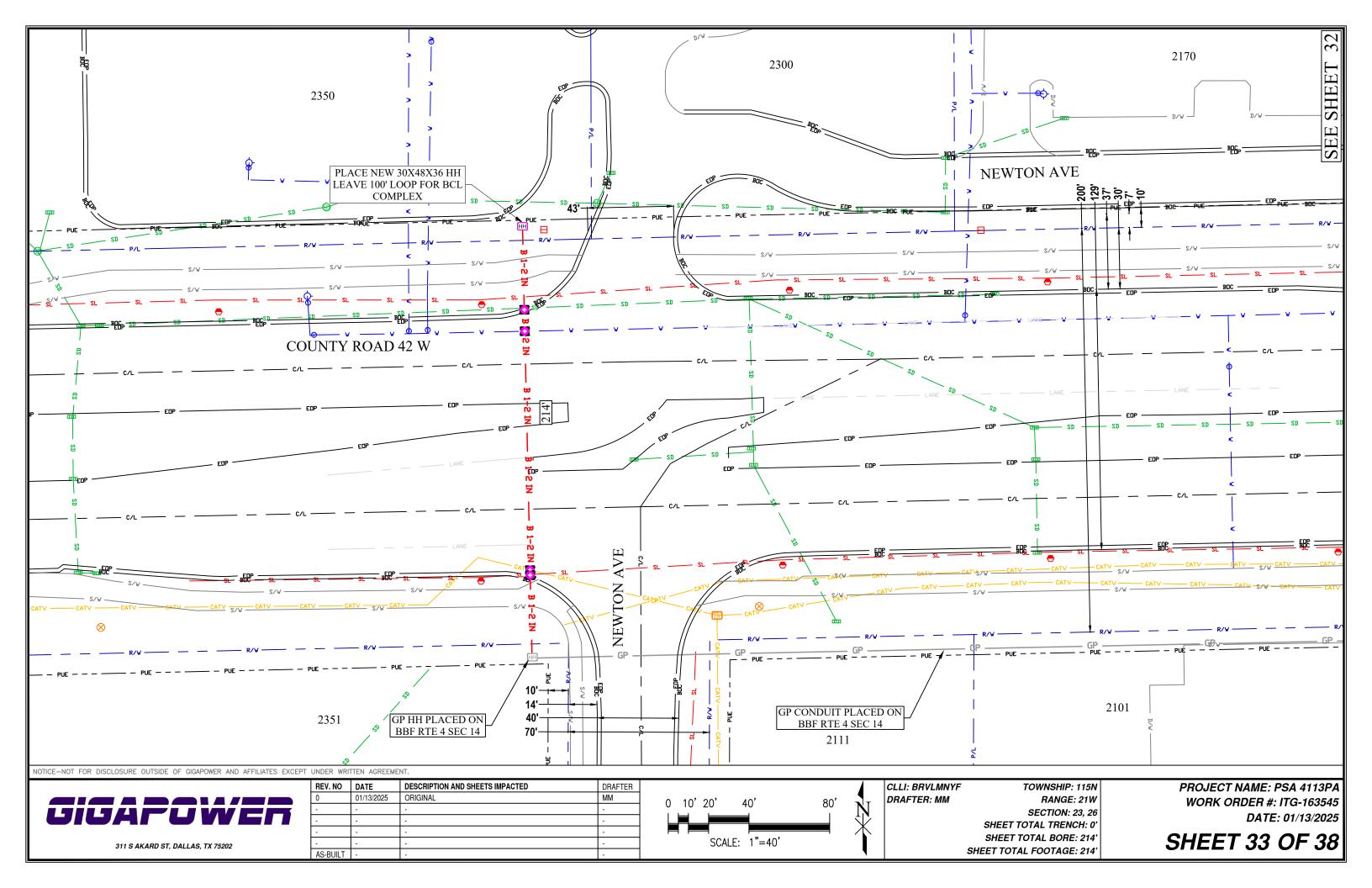


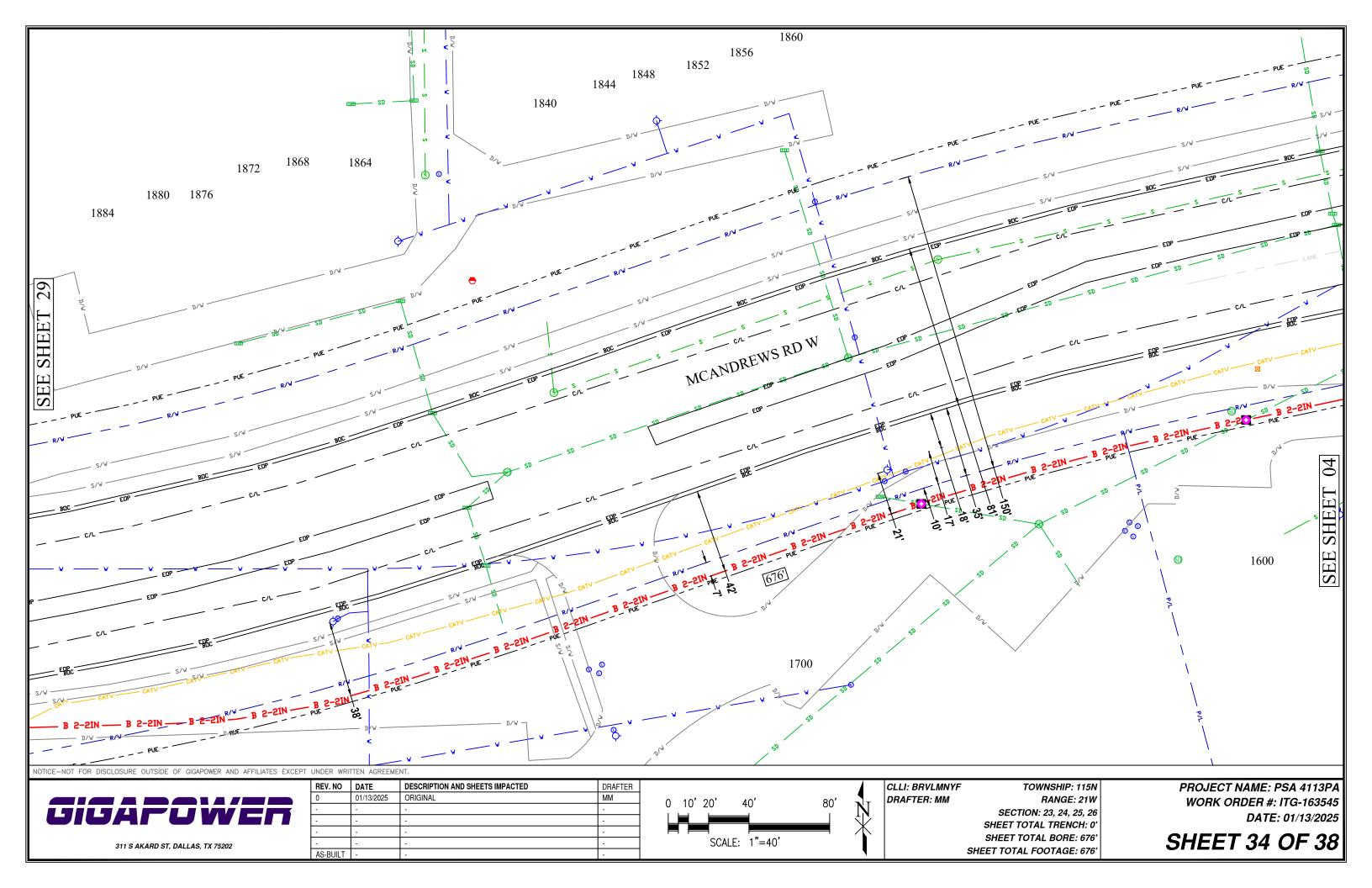


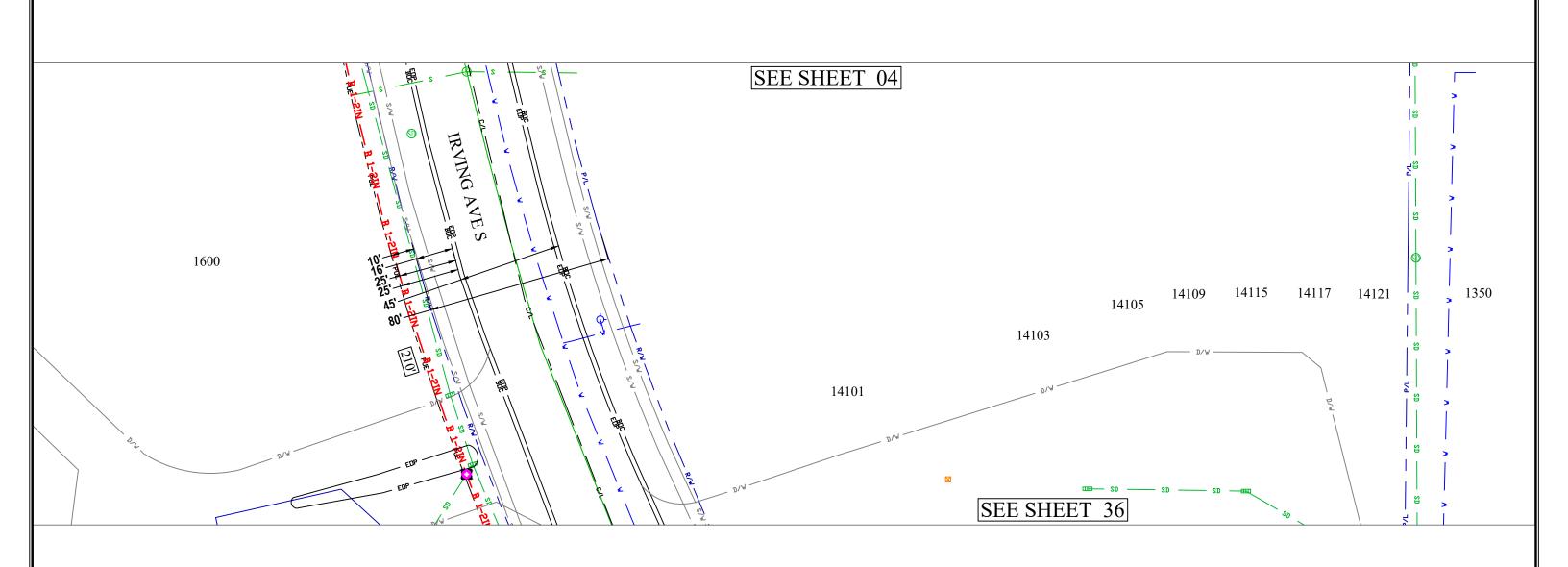










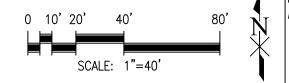


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311 S AKARD ST, DALLAS, TX 75202

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-	-	-	-
AS-BUILT	-	-	-



CLLI: BRVLMNYF TOWNSHIP: 115N
DRAFTER: MM RANGE: 21W
SECTION: 23, 24
SHEET TOTAL TRENCH: 0'
SHEET TOTAL BORE: 210'

SHEET TOTAL FOOTAGE: 210'

PROJECT NAME: PSA 4113PA WORK ORDER #: ITG-163545 DATE: 01/13/2025

SHEET 35 OF 38

