

28th Street Improvements 28th St: Lincoln to Grant



PLAN SHEETS

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- 2 SURVEY- BASIS OF BEARINGS
- 3 DEMO 1- DEMOLITION
- 4 DEMO 2- DEMOLITION UTILITIES
- 5 CONST 1- SURFACE IMPROVEMENTS
- 6 CONST 2- SURFACE IMPROVEMENTS
- 7 CONST 3- SURFACE IMPROVEMENTS
- 8 LSS 1- LANDSCAPE-SIGNAGE-STRIPING

GEN 1

SHEET 1

8

REVISION

REV	DATE	DESCRIPTION
0		

DESIGNED
DSG

DRAWN
DSG

CHECKED
DSG

DATE
1/9/24

DRAWING SCALE
(22x34)
(11x17)
(22x34)
(11x17)

H: N/A
V: N/A

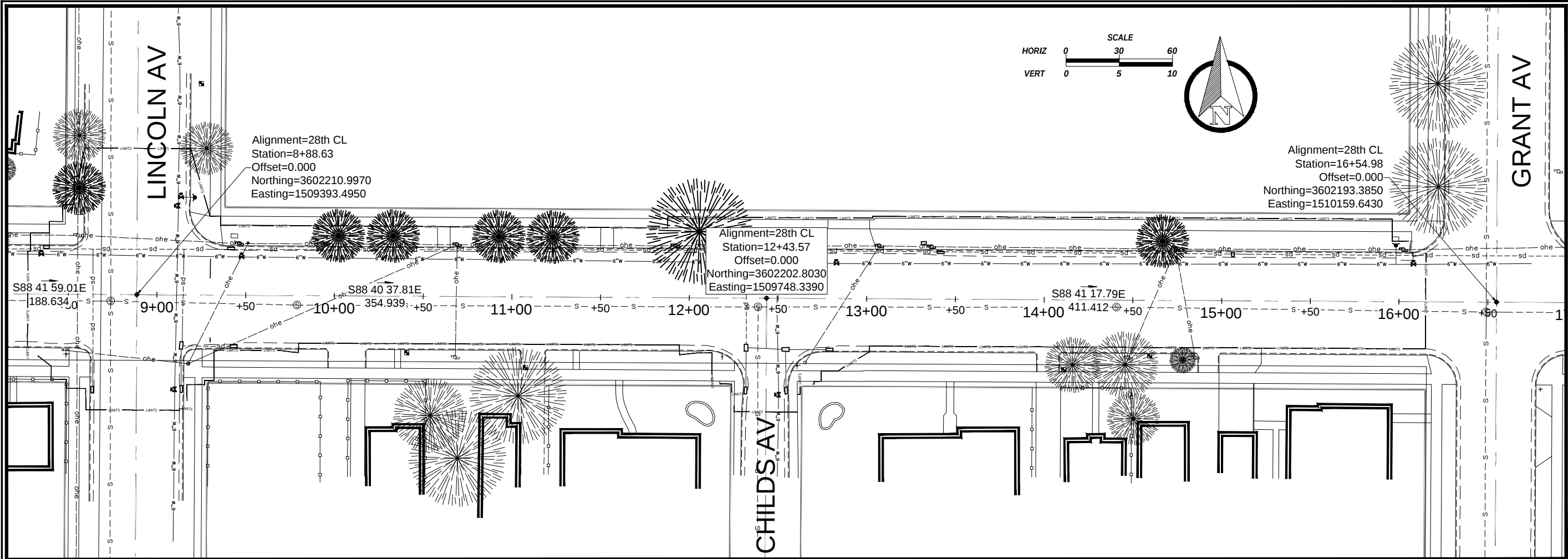
This bar measures exactly one inch on the original drawing.

COVER SHEET

28th Street Improvements
28th Street: Lincoln to Grant

2549 Washington Blvd, Suite 760 Ogden, UT 84401
Phone: 801-629-8880 engineering.ogdenutah.com

DRAWING NAME: MARSHAL WHITE DSG CONTRACT SET.dwg
PLOT DATE: 3/15/2024 9:14 AM



GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE CURRENT EDITION OF THE "MANUAL OF STANDARD SPECIFICATIONS" AND "MANUAL OF STANDARD PLANS" PREPARED BY THE UTAH CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION AND OGDEN CITY AMENDMENTS TO SUCH STANDARD SPECIFICATIONS AND STANDARD PLANS UNLESS SPECIFIED OTHERWISE.
2. THE CONTRACTOR SHALL FULLY COMPLY WITH THE CONDITIONS OF THE UDOT PERMIT AND/OR OGDEN CITY ORDINANCES, POLICIES, REGULATIONS, SPECIFICATIONS AND STANDARDS RELATIVE TO WORK IN THE PUBLIC WAY AS APPLICABLE.
3. ALL EXISTING VALVES BEING ABANDONED SHALL HAVE SURFACE IMPROVEMENTS (RISER, COVER, AND CONCRETE COLLAR) REMOVED AND SURFACE REPAIRED.
4. ALL PAVING AND RESURFACING SHALL BE COMPLETE WITHIN 3 CALENDAR DAYS FROM THE TIME OF EXCAVATION UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
5. NO BACKFILL SHALL OCCUR UNTIL INSPECTED AND APPROVED.
6. CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS DURING ALL PHASES OF PROJECT.
7. WORK IN PUBLIC STREETS , ONCE BEGUN , SHALL BE PROSECUTED TO COMPLETION WITH DILIGENCE AND EXPEDITION AND RESTORE THE PUBLIC RIGHT OF WAY TO CITY SPECS WITHOUT DELAY AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND THE PUBLIC.
8. CONTRACTOR IS RESPONSIBLE TO RESTORE ALL LAND WHETHER PUBLIC OWNERSHIP OR PRIVATE OWNERSHIP, TO IT'S ORIGINAL STATE.
9. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY CONSTRUCTION FACILITIES, WATER, POWER, SANITATION, AND TELEPHONE SERVICE AS NEEDED.
10. CONTRACTOR IS RESPONSIBLE TO LOCATE ALL EXISTING WATER, SEWER, ELECTRICAL, GAS AND OTHER UTILITY LINES.
11. CONTRACTOR IS RESPONSIBLE TO SUBMIT AS-BUILT DRAWINGS TO THE CITY PRIOR TO FINAL PAYMENT.
12. ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FOLLOWING COMPLETION OF WORK. REASONABLE WEAR EXCEPTED.

PIPING NOTES

1. CONTRACTOR IS RESPONSIBLE FOR ALL PIPE FABRICATION AND SIZING (PVC-C900).
2. MINIMUM COVER REQUIRED SHALL BE 60 INCHES WITHIN UDOT R.O.W. AND 48 INCHES IN OGDEN CITY R.O.W.
3. ALL WORK SHALL HAVE 18" MINIMUM CLEARANCE FROM ALL OTHER UTILITIES.
4. CONTRACTOR TO REPLACE ALL EXISTING ACTIVE SERVICES WITH POLY PIPING; UPSIZING SERVICES LESS THAN 1" TO 1" AND REPLACING IN LIKE SIZE FOR SERVICES GREATER THAN 1" FROM WATER MAIN TO METER BOX.
5. WATER SERVICES TO BE LOOPED UNDER EXISTING UTILITIES SO TO MAINTAIN MINIMUM COVER OF 60" FROM FINISH GRADE.
6. SECURE ALL MECHANICAL JOINTS (MJ) FITTINGS WITH MEGALUGS.
7. MINIMUM MECHANICAL BEND RADIUS ON SERVICES WILL BE 4".
8. FITTINGS CONNECTED TO OTHER FITTINGS WILL BE FLANGED CONNECTIONS UNLESS NOTED IN THE PLANS.
9. ABANDONED LINES SHALL BE CAPPED WITH A CONCRETE PLUG.
10. OLD FIRE HYDRANTS REMOVED SHALL BE SALVAGED AND TURNED OVER TO OGDEN CITY.
11. OWNER RESERVES THE RIGHT TO MAKE CHANGES IN ALIGNMENT, CONNECTION DETAIL, ETC. AS FELT TO BE IN THE BEST INTEREST OF THE PROJECT AT NO CHANGE IN UNIT PRICES FOR PIPING, FITTINGS, ETC.
12. DUCTILE IRON CLASS 350 PIPE, SPOOLS, AND FITTINGS SHALL HAVE THE FOLLOWING COATINGS.
 - A. INTERIOR COATING SHALL BE CEMENT MORTAR.
 - B. EXTERIOR COATING SHALL BE ASPHALT COATING, 1 MIL. MIN. THICKNESS AND WRAPPED WITH POLYETHYLENE PER ANSI/AWWA C105.
13. ALL DUCTILE IRON PIPE FITTINGS AND SPOOLS SHALL BE 350 PSI WORKING PRESSURE.
14. ALL BOLTS ON PIPING (FLANGE BOLTS, ALL THREADS, TIE RODS, ETC.) TO RECIEVE TWO COATS OF NO-OXIDE WAX FOLLOWING INSTALLATION.
15. CONCRETE THRUST BLOCKING: SHALL OCCUR AT TAPS, TEMPORARY DEAD ENDS AND AT THE BASE OF ALL HYDRANTS. ALL OTHER LOCATIONS SHALL RELY ON RESTRAINED JOINTS TO HANDLE THRUST.

EXCAVATION NOTES

1. EXCAVATED MATERIAL MAY NOT BE USED AS BACKFILL IN THE PIPE ZONE.
2. EXCAVATION SHALL BE DONE IN ACCORDANCE WITH OSHA REQUIREMENTS (LATEST REVISION).
3. TEMPORARY SHORING OF THE EXCAVATION, IF REQUIRED, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

UTILITY LOCATION

THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS IS BASED ON INFORMATION GATHERED FROM UTILITIES AND/OR FROM ABOVE-GROUND STRUCTURES OR EVIDENCE FOUND AT THE TIME OF SURVEY. AS SUCH, THE UNDERGROUND INFORMATION IS A BEST ESTIMATE. OGDEN CITY DOES NOT REPRESENT OR GUARANTEE THAT THE UNDERGROUND INFORMATION PROVIDED IS CORRECT OR UP TO DATE.

IT SHALL BE THE CONTRACTORS FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION. CALL BLUESTAKES A MINIMUM OF 48 HOURS PRIOR TO BEGINNING ANY DIGGING OR UTILITY WORK.

NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY THE CONTRACTORS ACTIONS.

COORDINATION

1. ALL WATERLINE SHUT DOWNS WILL REQUIRE FIVE WORKING DAYS NOTICE FOR COMMERCIAL AND THREE WORKING DAYS NOTICE FOR RESIDENTIAL. CONTRACTOR IS TO COORDINATE WITH OGDEN CITY FOR SHUT DOWN DATES AND TIMES. CONTRACTOR WILL PROVIDE NOTICES AND OGDEN CITY WATER WILL PERFORM VALVE SHUT DOWNS.
2. ALL CULINARY WATER TAPS SHALL BE COORDINATED WITH OGDEN CITY WATER DEPARTMENT AND ENGINEER FOR LOCATION OF TAPS AND LATERAL REPLACEMENT. OGDEN CITY WATER TO TAP ALL CONNECTIONS.
3. APPLICATION FOR INSPECTION BY OGDEN CITY ENGINEERING SHALL BE MADE BY THE CONTRACTOR A MINIMUM OF 24 HOURS BEFORE SERVICES ARE REQUIRED.

EXCESS MATERIAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL EXCESS OR UNSUITABLE MATERIALS OFF SITE. THIS INCLUDES CLEARED AND GRUBBED MATERIAL, TREES, BRUSH, FENCING, PIPING, CONCRETE OR ANY OTHER MATERIALS THAT CANNOT BE USED IN CONJUNCTION WITH THE PROJECT.
2. THE CONTRACTOR WILL BE RESPONSIBLE TO OBTAIN A SUITABLE SITE FOR DISPOSAL OF EXCESS OR REJECTED MATERIALS.

CONTACTS

UTILITY COMPANIES:
BLUE STAKES 800-662-4111
QUESTAR GAS DAN MACDONALD 801-324-3539
ROCKY MOUNTAIN POWER CRAIG BRUESTLE 801-629-4430
UDOT WES EGGLESTON 801-648-8050
OGDEN CITY:
OGDEN CITY ENGINEERING DANIEL GILLIES 629-8991
WATER DAVID LEMAY 629-8384
SEWER BILL SIMPSON 629-8331
URBAN FORESTER MONTE STEWART 629-8286
UDOT:
GENERAL NUMBER: 620-1600

2549 Washington Blvd, Suite 760 Ogdén, UT 84401
Phone: 801-629-8880 engineering.ogden@city.com

28th Street Improvements

28th Street: Lincoln to Grant

BASIS OF BEARINGS

3/15/2024 9:14 AM

1/9/24

DATE

1"=15'

1"=30'

N/A

N/A

(23x34)

(11x17)

(22x34)

(11x17)

DESIGNED

DRAWN

CHECKED

DSG

DSG

DSG

REVISION

2

8

SURVEY

0

MM/DD/YY

DESCRIPTION

STATE OF UTAHA

CIVIL

EXP. 12/31/2025

NO. 230000422002

REGISTERED PROFESSIONAL ENGINEER

1/9/24

DATE

1"=15'

1"=30'

N/A

N/A

(23x34)

(11x17)

(22x34)

(11x17)

DESIGNED

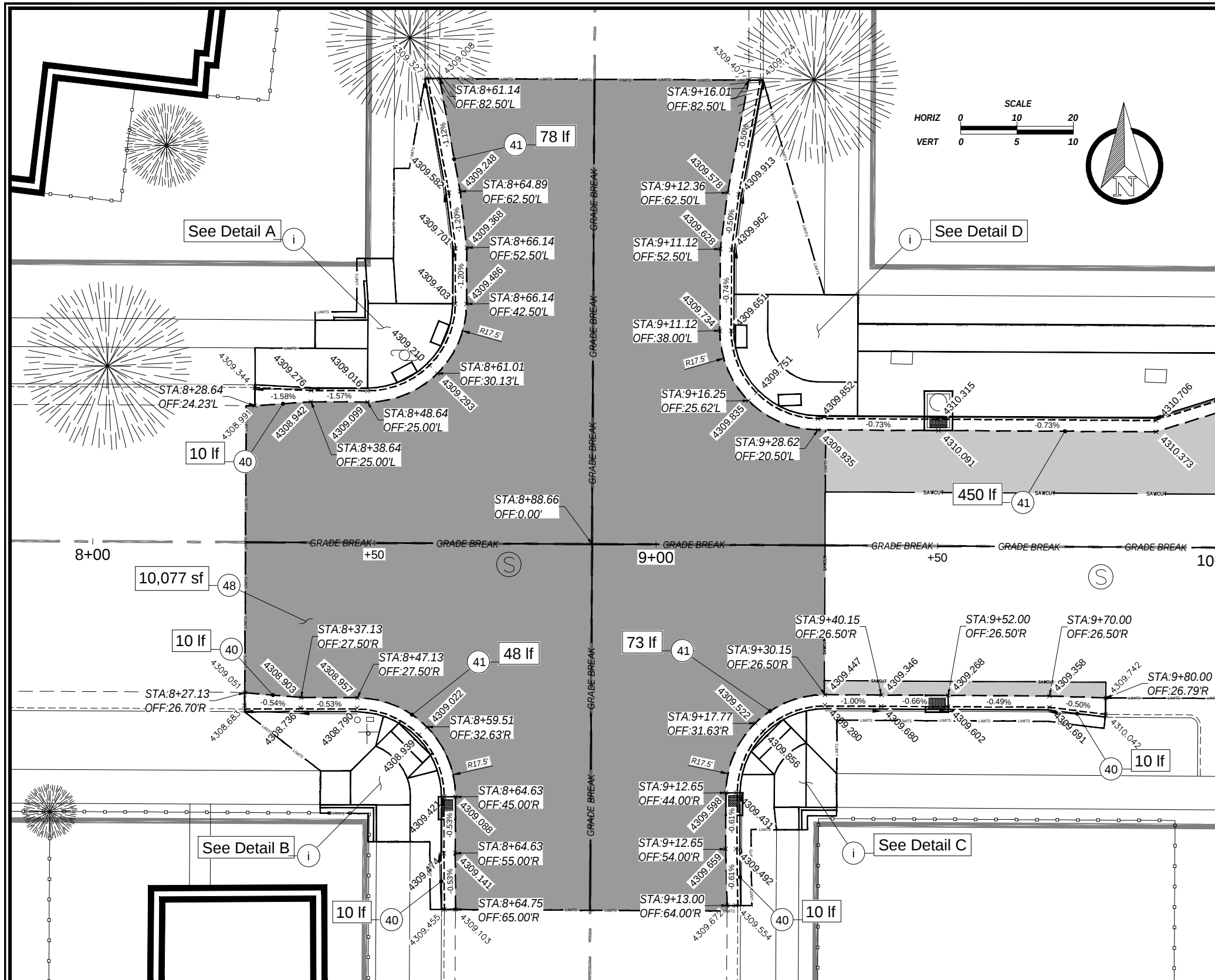
DRAWN

CHECKED

DSG

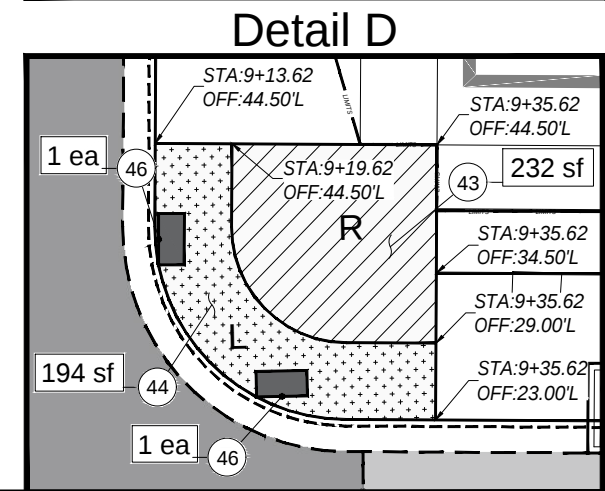
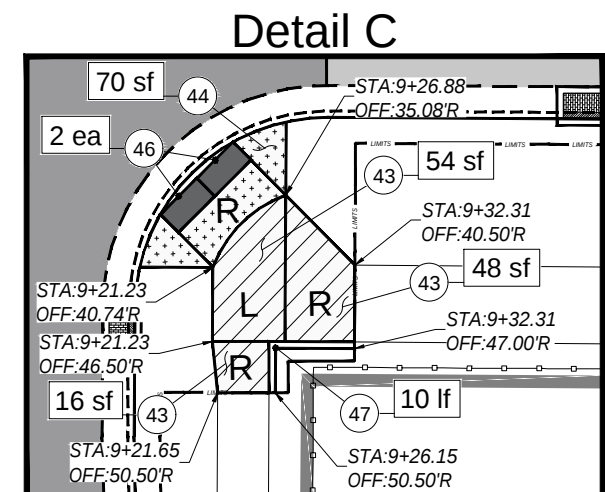
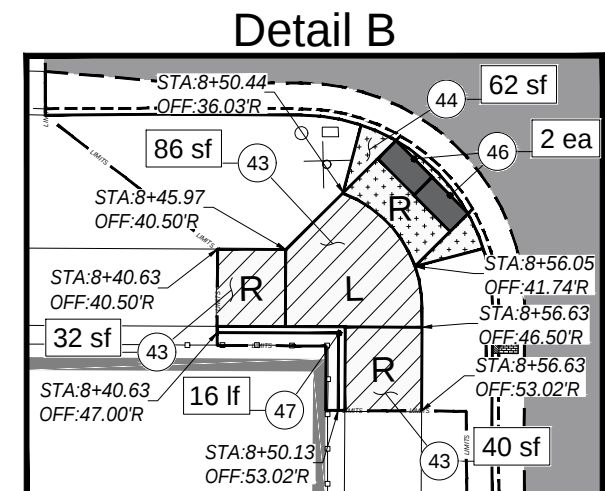
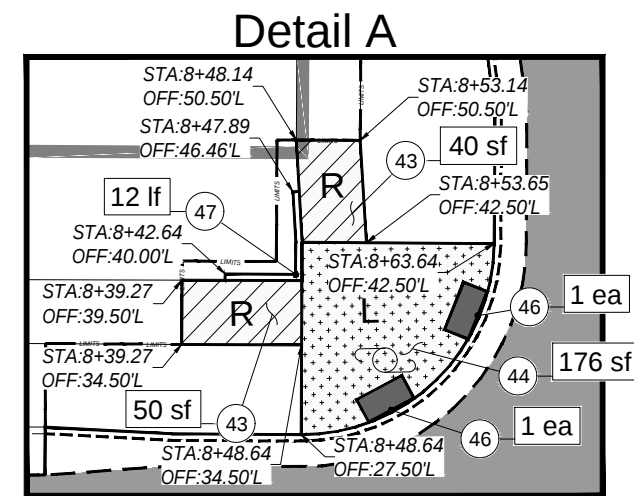
DSG

DSG



CONSTRUCTION

- (i) Information
- (40) Transition C&G
- (41) Type A C&G
- (42) Type F C&G
- (43) 4" Thick Concrete Flatwork
- (44) 6" Thick Concrete Flatwork
- (45) 6" Thick Concrete Apron
- (46) ADA Truncated Domes
- (47) Type P Curb Wall
- (48) 2" HMA/15" UTBC
- (49) 17" UTBC



CONST 1

SHEET 5

REVISION 8

REV	DATE	DESCRIPTION
0		MM/DD/YY DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER

DANIEL RUPP OR LEI

NO. 43399-0-2202

EXP. 3/31/2025

CIVIL

STATE OF UTAH

DESIGNED	DSG	DATE
DRAWN <td>DSG <td>1/9/24</td> </td>	DSG <td>1/9/24</td>	1/9/24

CHECKED

DRAWING SCALE

H: 1"=5' (22x34)

V: 1"=10' (11x17)

N/A (22x34)

N/A (11x17)

CONSTRUCTION

28th Street Improvements

28th Street: Lincoln to Grant

Ogden

UTAH

Still Untamed™

2549 Washington Blvd, Suite 760

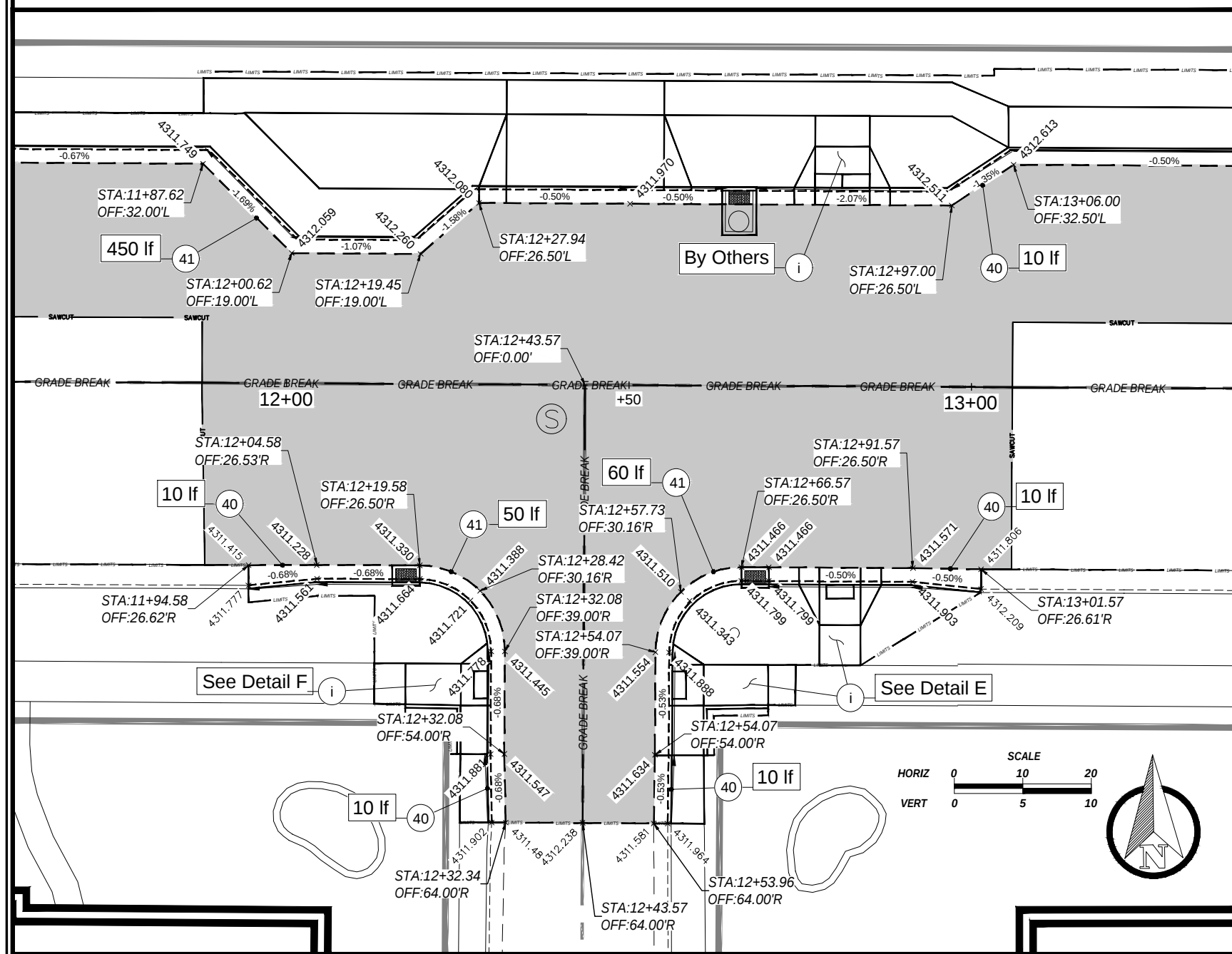
Ogden, UT 84401

Phone: 801-629-8880

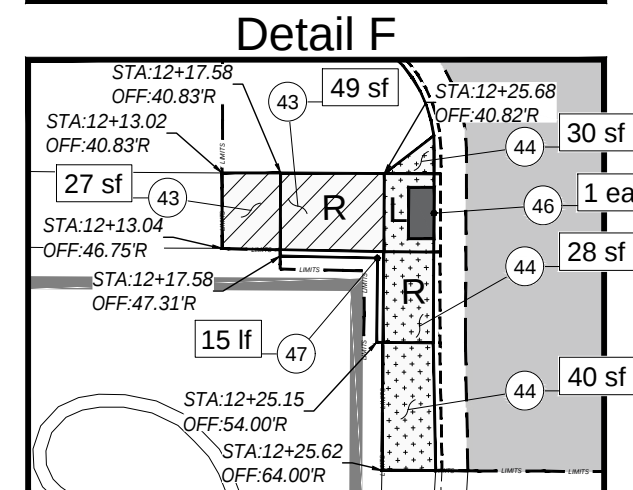
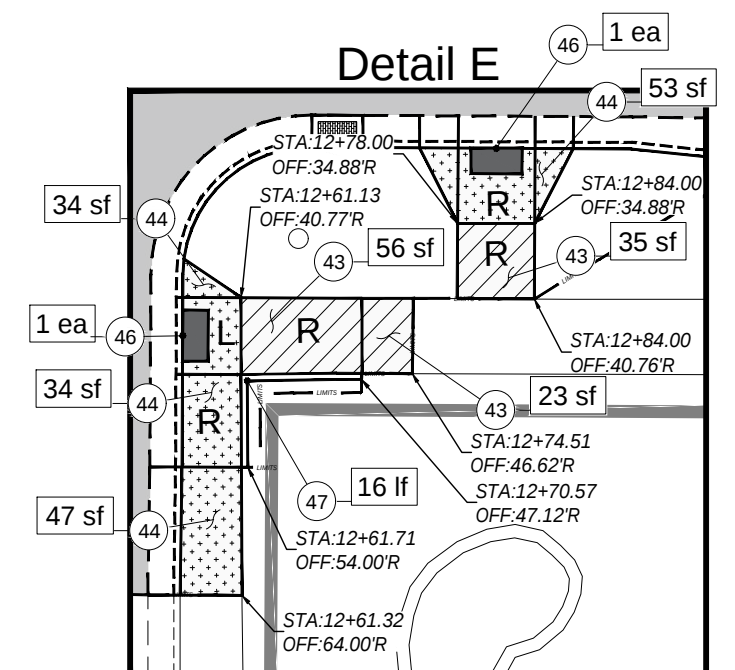
engineering.agencyty.com

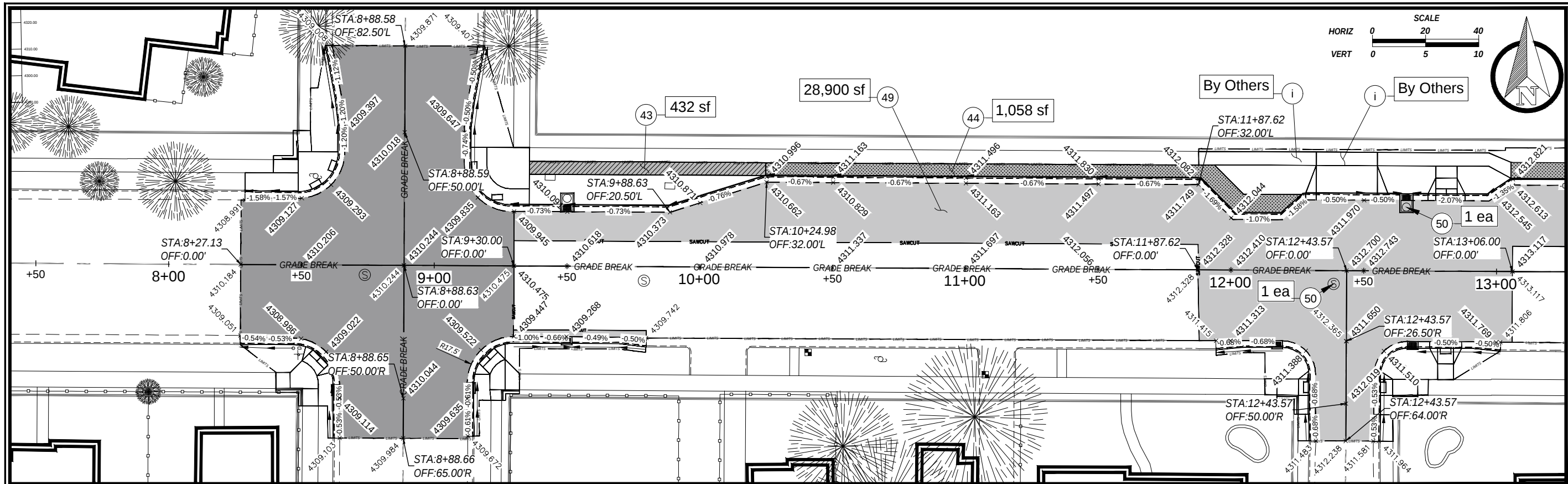
PLOT DATE: 3/15/2024 9:15 AM

DRAWING NAME: MARSHAL WHITE DSG CONTRACT SET (DWG)



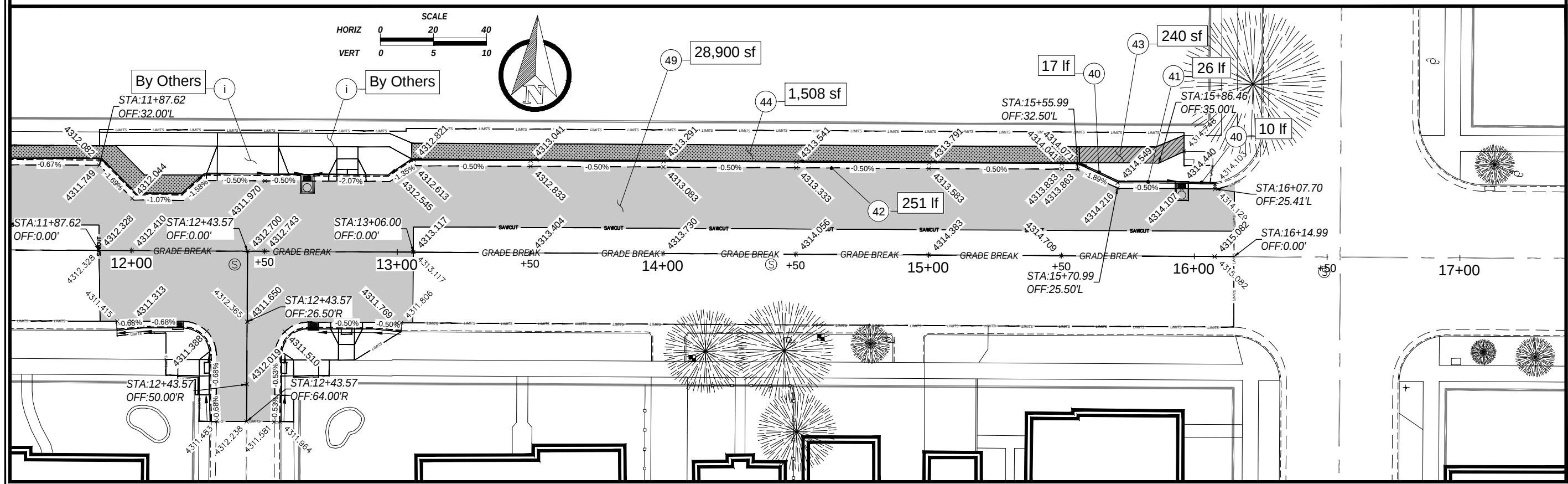
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|-------------------------------|----------------------------|
| ① Information | ④⑤ 6" Thick Concrete Apron |
| ④⑥ Transition C&G | ④⑥ ADA Truncated Domes |
| ④① Type A C&G | ④⑦ Type P Curb Wall |
| ④② Type F C&G | ④⑧ 2" HMA/15" UTBC |
| ④③ 4" Thick Concrete Flatwork | ④⑨ 17" UTBC |
| ④④ 6" Thick Concrete Flatwork | |





CONSTRUCTION

- (i) Information
- (42) Type F C&G
- (45) 6" Thick Concrete Apron
- (48) 2" HMA/15" UTBC
- (40) Transition C&G
- (43) 4" Thick Concrete Flatwork
- (46) ADA Truncated Domes
- (49) 17" UTBC
- (41) Type A C&G
- (44) 6" Thick Concrete Flatwork
- (47) Type P Curb Wall



CONST 3

SHEET 7

8

REVISION

REV	DATE	DESCRIPTION
0		MM/DD/YY DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER

NO. 123456789

STATE OF UTAH

CIVIL

DATE

1/9/24

DSG

DESIGNED

DSG

DRAWN

DSG

CHECKED

DRAWING SCALE

1"=10' (23x34)

1"=20' (11x17)

N/A (23x34)

N/A (11x17)

This bar measures exactly one inch on the original drawing

CONSTRUCTION

28th Street Improvements

28th Street: Lincoln to Grant

Ogden

UTAH

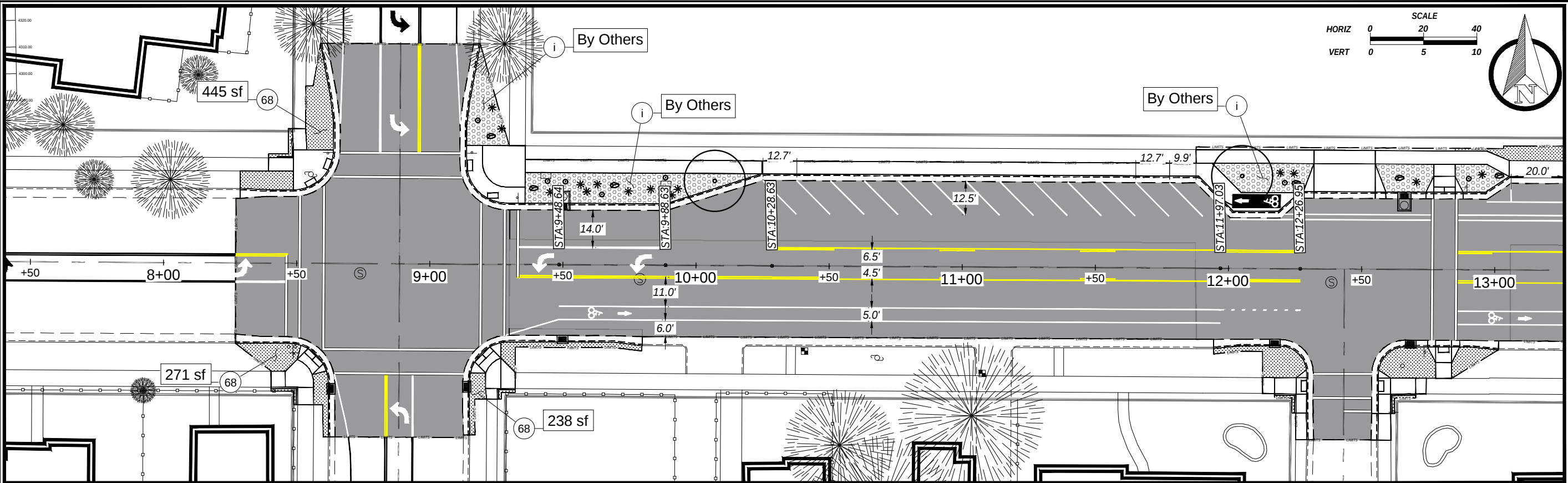
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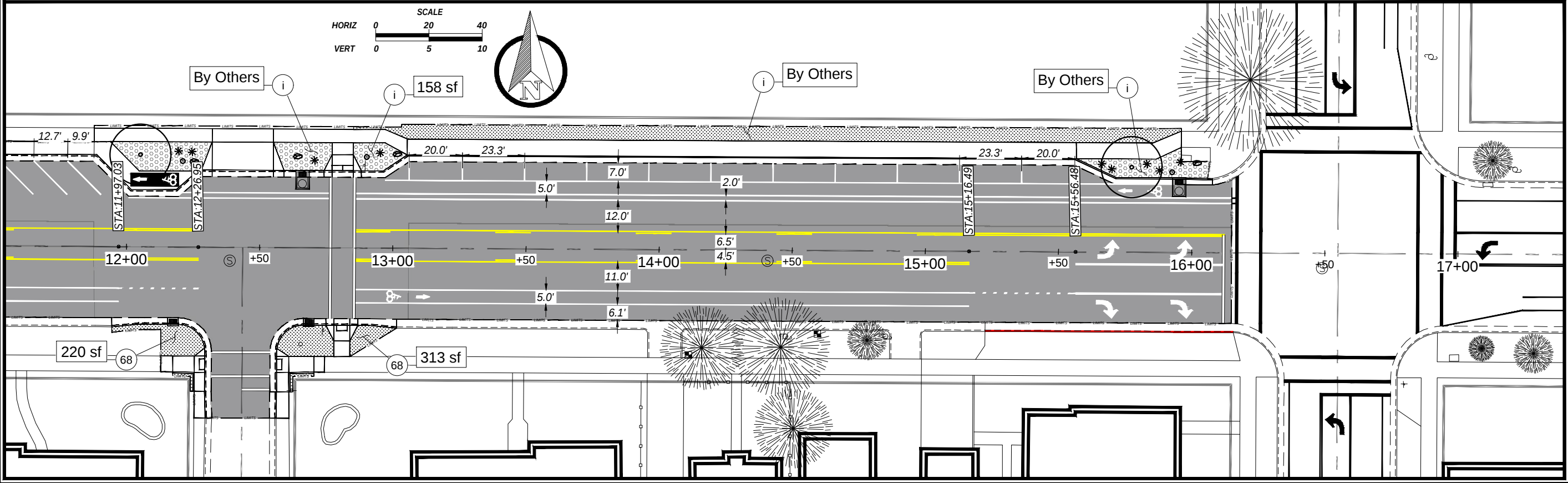
PLOT DATE: 3/15/2024 9:16 AM

DRAWING NAME: MARSHAL WHITE DSG CONTRACT SET (DWG)



LANDSCAPE-SIGNAGE-STRIPING

- (i) Information
- (62) Stop Bar
- (65) Bike Stencil
- (68) Install Sod
- * Yellow Yucca
- Install Tree
- (60) Install Sign
- (63) Regular Ped Xing
- (66) Bike Stencil on Black Paint
- (69) Landscape Rock/Marifi Weed Barrier
- o Red Yucca
- (61) Install Tapco RRFB
- (64) Turn Arrow
- (67) Red Curbing
- o 3'-4' Decorative Boulder



LSS

SHEET 8

REVISION 8

REV	DATE	DESCRIPTION
0	MM/DD/YY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER

STATE OF UTAH

CIVIL

NO. 123456789

EXP. 12/31/2025

DATE

1/9/24

DSG

DESIGNED

DSG

DRAWN

DSG

CHECKED

DRAWING SCALE

H: 1" = 10' (23x34)

V: 1" = 20' (11x17)

N/A (22x34)

N/A (11x17)

1" = 10'

1" = 20'

N/A

N/A

This bar measures exactly one inch on the original drawing

LANDSCAPE-SIGNAGE-STRIPING

28th Street Improvements

B Avenue: 24th Street to Exchange Road

3/15/2024 9:16 AM

PLOT DATE:

MARSHAL WHITE DSG CONTRACT SET (DWG)

DRAWING NAME:

Ogden

UTAH

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