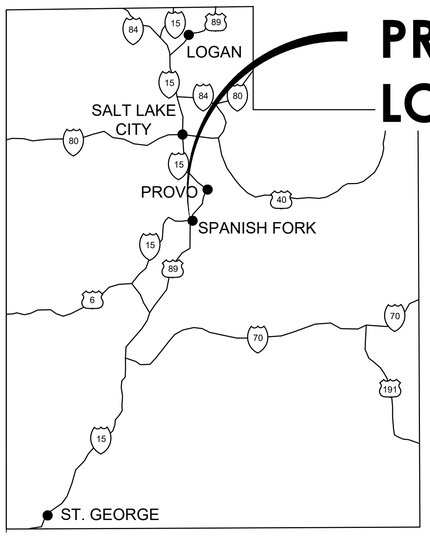
City of

SPANISH FORK, UTAH

600 EAST & 500 NORTH
WATER & SEWER IMPROVEMENTS

JUNE 2024

SHEET LIST TABLE		
PG#	SHEET NUMBER	SHEET TITLE
1	C-001	COVER SHEET
2	C-002	SYMBOLS & LINE LEGEND
3	C-400	OVERALL WATER SHEET MAP
4	C-401	500 N WATERLINE STA 10+00 TO 14+80
5	C-402	500 N WATERLINE STA 14+80 TO 19+60
6	C-403	500 N WATERLINE STA 19+60 TO 24+40
7	C-404	500 N WATERLINE STA 24+40 TO 29+20
8	C-405	500 N WATERLINE STA 29+20 TO END
9	C-406	600 E WATERLINE STA 10+00 TO 14+40
10	C-407	600 E WATERLINE STA 14+40 TO END
11	C-410	OVERALL SEWER SHEET MAP
12	C-411	500 N SEWERLINE STA 9+95 TO 12+20
13	C-412	500 N SEWERLINE 12+20 TO 14+60
14	C-413	500 N SEWERLINE 14+60 TO 17+00
15	C-414	500 N SEWERLINE STA 17+00 TO 19+00
16	C-415	500 N SEWERLINE STA 19+00 TO END



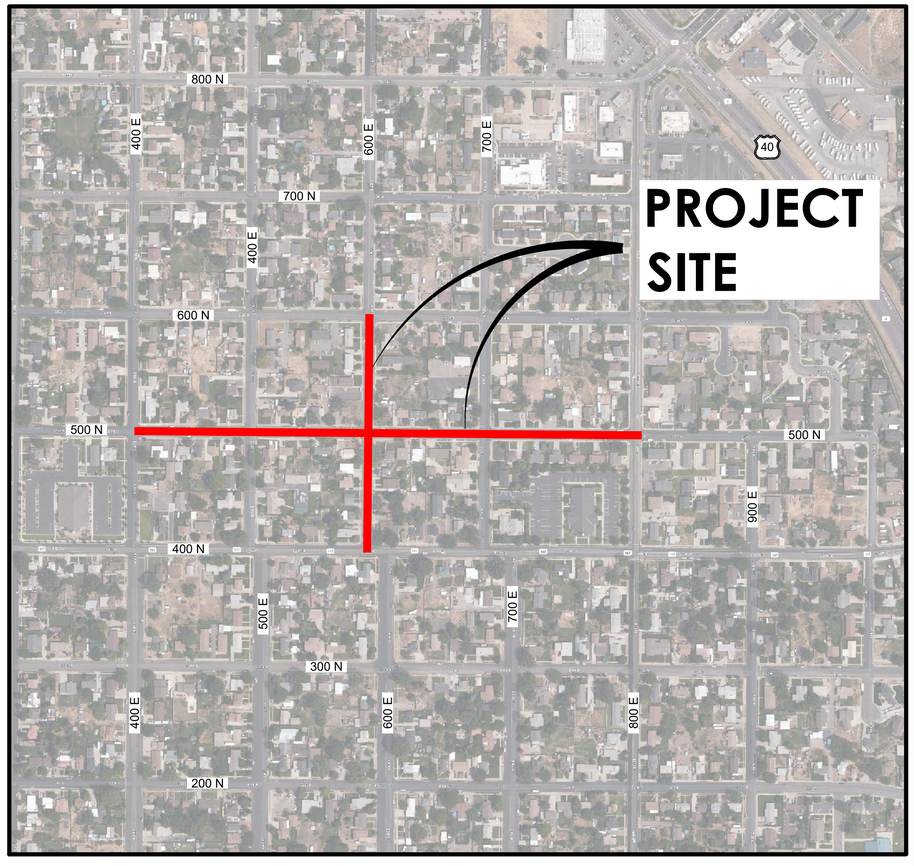
PROJECT LOCATION

A1 LOCATION MAP
N.T.S.

OWNER
CITY OF SPANISH FORK
40 SOUTH MAIN STREET
SPANISH FORK, UT 84660
CONTACT: JOSH ROBINSON
PHONE: (801) 804-4576

CIVIL ENGINEER
KELLER ASSOCIATES, INC.
1 EAST CENTER ST., SUITE 200
PROVO, UT 84606
CONTACT: MICHAEL CLARK
PHONE: (385) 531-8231

Know what's **below.**
Call before you dig.
800.342.1585



A2 VICINITY MAP
N.T.S.

KELLER ASSOCIATES
1 East Center St., Suite 200
Provo, Utah 84606
(385) 531-8231

REGISTERED PROFESSIONAL ENGINEER
NO. 9809375-2202
MICHAEL H. CLARK
STATE OF UTAH

NO.	REVISIONS	DATE

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SPANISH FORK
PRIDE & PROGRESS
EST. 1855

600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

COVER SHEET

DRAWN: MPC | CHECK: MHC

VERIFY SCALE: Scales based on 22"x34" prints.
1-1/2 Inches

PROJECT NO. 223030-009 | PAGE 1

SHEET NO. C-001

J:\223030 SPANISH FORK\TO 009 600 E & 500 N WATER AND SEWER REPLACEMENTS\C_DESN_CAD\3_DESIGN\D_PLANS-1\C-001 TITLE SHEET.DWG LAST SAVED: 6/5/2024 1:54 PM PRINTED: 6/7/2024 7:58 AM

EXISTING TOPOGRAPHY

- 2460 — TOPOGRAPHIC CONTOUR
- EG — EDGE OF GRAVEL
- EP — EDGE OF PAVEMENT
- CURB & GUTTER, SIDEWALK & DROP INLET
- GENERIC GATE / SWING GATE — FENCE (BARBED WIRE OR OTHER WITH GATES)
- SLIDER GATE — FENCE (CHAINLINK WITH GATE)
- DITCH FLOWLINE
- TP-31 — TEST PIT
- SIGN
- BUILDING OR STRUCTURE

PROPERTY & CONTROL

- CP #203 — SURVEY CONTROL POINT
- BM-#1 — BENCHMARK
- FOUND BRASS CAP
- FOUND ALUMINUM CAP
- FOUND 5/8" STEEL PIN
- SET 5/8" STEEL PIN W/CAP
- FOUND 1/2" STEEL PIN
- SET 1/2" STEEL PIN W/CAP
- FOUND PK NAIL
- SET PK NAIL
- CALCULATED POINT
- WC — WITNESS CORNER
- EASEMENT - UTILITY
- EASEMENT - TEMPORARY
- EASEMENT - SETBACK
- PROJECT BOUNDARY
- P/L — PROPERTY LINES
- SECTION LINES
- R/W — PRESCRIPTIVE RIGHT OF WAY
- ROW — DEDICATED RIGHT OF WAY
- ( ) — DATA OF RECORD
- 6 / 7 — QUARTER SECTION - NOT FOUND
- 5 — CENTER SECTION
- 5 / 6 / 7 / 8 — SECTION CORNER - FOUND

EXISTING UTILITY

- 8"W — WATERLINE & VALVE
- 12"SS> — SANITARY SEWER LINE & MANHOLE
- <4"SS — SANITARY SEWER SERVICE & CLEANOUT
- PS — PRESSURE SEWER LINE & VALVE VAULT
- 10"SD> — STORM DRAIN LINE & MANHOLE
- 8"PI — PRESSURE IRRIGATION & VALVE
- GI — GRAVITY IRRIGATION & MANHOLE
- PP / OHP — OVERHEAD POWER LINE & POWER POLE
- UGP — UNDERGROUND POWER LINE
- SIGNAL POLE
- LIGHT POLE
- NG — NATURAL GAS LINE
- FO — FIBER OPTIC LINE
- T / TR — TELEPHONE LINE & RISER
- TV / CABLE — CABLE LINE & RISER

PROPOSED GRADING

- 2457 — TOPOGRAPHIC CONTOUR
- RIDGELINE
- 1.50% — DRAINAGE ARROW & SLOPE
- +57.73 — SPOT ELEVATION
- SWALE FLOWLINE
- DAYLIGHT - CUT LINE
- DAYLIGHT - FILL LINE

PROPOSED DEMOLITION, ABANDONMENT, REMOVAL

- DEMOLITION & REMOVAL
- ABANDON IN PLACE
- REMOVE SURFACE FEATURE
- CLEARING AND GRUBBING

PROPOSED SITE

PROPOSED SITE (CONT.)

- GENERIC GATE / SWING GATE — FENCE (BARBED WIRE OR OTHER WITH GATES)
- SLIDER GATE — FENCE (CHAINLINK WITH GATE)
- EP — EDGE OF PAVEMENT
- EG — EDGE OF GRAVEL
- SIGN
- 6" VERTICAL CURB, GUTTER, SIDEWALK & INLET
- 6" VERTICAL CUT CURB & GUTTER
- 6" REVERSE CURB & GUTTER
- 6" REVERSE CUT CURB & GUTTER
- IMBEDDED CURB

PROPOSED UTILITY

FLANGED / MECHANICAL JOINT — FITTING TYPES

- 8"W — BEND
- 8"W / 8"W — REDUCING TEE
- TEE
- REDUCER
- FLANGE TO MECHANICAL JOINT COUPLING
- CROSS
- CAP W/BLIND FLANGE
- CHECK VALVE
- GATE VALVE
- BUTTERFLY VALVE
- BLOW-OFF VALVE
- RESTRAINED FITTING
- WM — WATER SERVICE LINE & METER
- FIRE HYDRANT
- 8" FIRE — FIRE LINE
- 8"W — WATERLINE
- MW — MONITORING WELL
- LOCATION WIRE BOX
- NON-FREEZE YARD HYDRANT
- 8"PI — PRESSURE IRRIGATION, TEE & GATE VALVE
- 2"PI — PRESSURE IRRIGATION SERVICE
- 8"GI< — GRAVITY IRRIGATION & STRUCTURE

PROPOSED UTILITY (CONT.)

- 8"SS< — SANITARY SEWER & MANHOLE
- 4"SS< — SANITARY SEWER SERVICE & CAP
- 4"SS< — SANITARY SEWER SERVICE & CLEANOUT
- 8"PS< — PRESSURE SEWER & VALVE VAULT
- 18"SD< / 15"SD< — STORM DRAIN LINE, INLET & CATCH BASIN
- 12"SD< — STORM DRAIN LINE & MANHOLE W/ VENTED LID
- JOINT TRENCH IN PROFILE
- CABLE & TELEPHONE RISERS
- JT — JOINT TRENCH & DEVICE
- JUNCTION BOX & DUCT BANK
- NG / GM — NATURAL GAS LINE & METER
- NG / GR — NATURAL GAS LINE & RISER
- NG — NATURAL GAS LINE & VALVE
- UGP — UNDERGROUND POWER
- OHP / PP — OVERHEAD POWER & POLE
- LIGHT POLE
- T / TR — TELEPHONE LINE & RISER
- FO — FIBER OPTIC LINE & VAULT
- T/D — TELEPHONE DATA LINE
- TV / CABLE — CABLE & TV RISER

DETAIL & SECTION CALLOUT KEY

DISCIPLINE DETAIL DESIGNATORS

C CIVIL (C-500 SHEETS)	H HVAC (MH-500 SHEETS)
A ARCHITECTURAL (A-500 SHEETS)	M MECHANICAL (M-500 SHEETS)
S STRUCTURAL (S-500 SHEETS	E ELECTRICAL (E-500 SHEETS)
U PLUMBING (MP-500 SHEETS)	EI INSTRUMENTATION (EI-500 SHEETS)

(REFERENCE)

RE: A1/S-101-A — (SECTION OR DETAIL NO./SHEET NO.)

RE: C1201 — (DISCIPLINE DETAIL NO. SEE RESPECTIVE 500 SHEETS)

C2 — (SECTION OR DETAIL NO.) — A1
S-301-B — (SHEET NO.) — C-204

M303 — (DISCIPLINE DETAIL NO. SEE RESPECTIVE 500 SHEETS)

(SECTION OR DETAIL NO./GRID LOCATION)

A1 — TYPICAL SECTION — (DETAIL TITLE)
SCALE: 1"=1'

(DISCIPLINE DETAIL NO. SEE RESPECTIVE 500 SHEETS)

S2135 — PROJECT DETAIL — (DETAIL TITLE)
N.T.S.

KELLER ASSOCIATES
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(385) 531-8231

REGISTERED PROFESSIONAL ENGINEER
NO. 9809375-2202
MICHAEL H. CLARK
STATE OF UTAH

NO.	REVISIONS	DATE

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SPANISH FORK
EST. 1855
PRIDE & PROGRESS

600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

SYMBOLS & LINE LEGEND

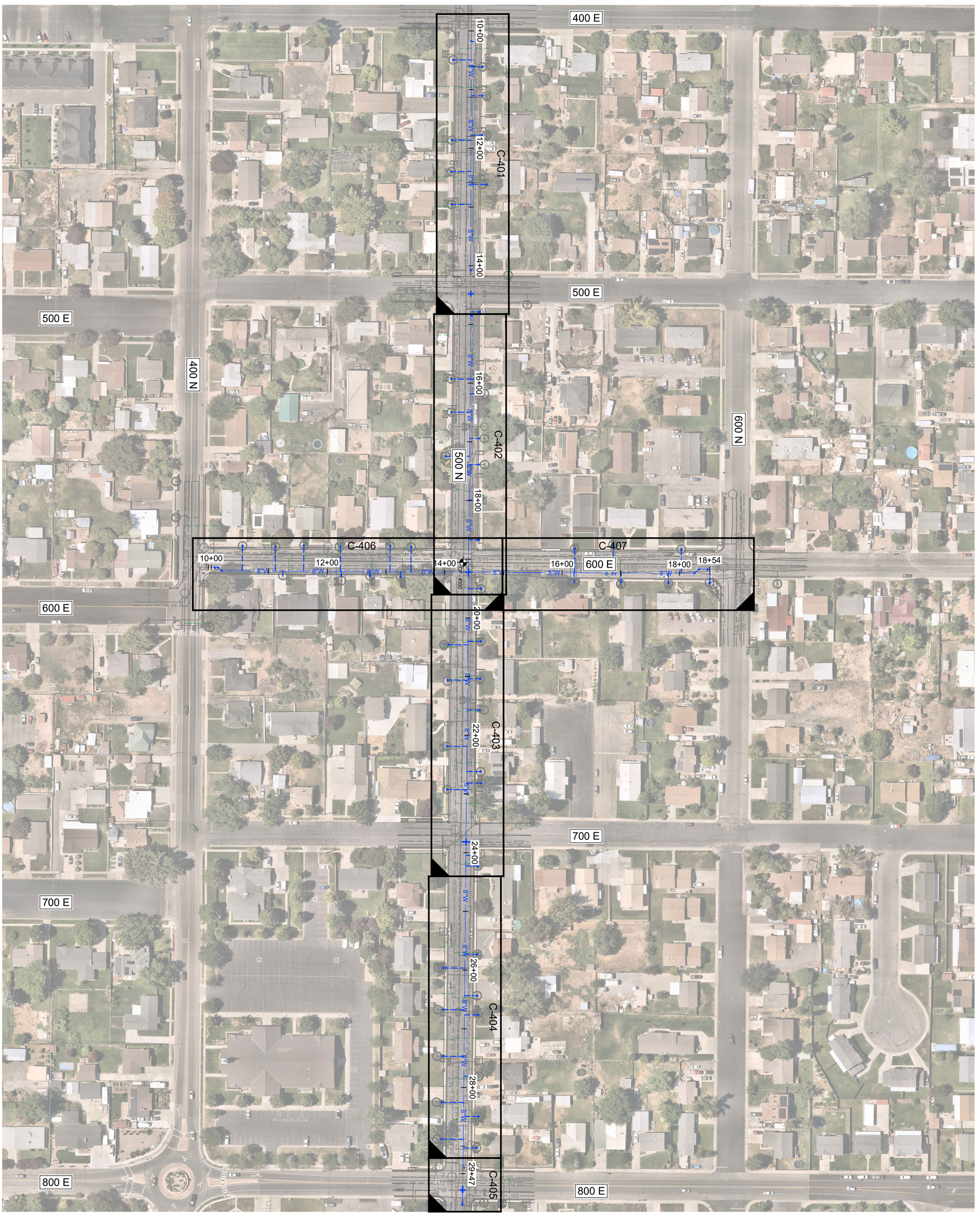
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VERIFY SCALE: Scales based on 22"x34" prints.
1-1/2 Inches

PROJECT NO. 223030-009 | PAGE 2

SHEET NO. C-002

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Control Point Table				
Point #	Northing	Easting	Elevation	Raw Description
100	721081.29	1598728.91	4593.26	CP-100 CHURCH BASE
200	721097.48	1600030.39	4602.22	CP-200 AERIAL TARGET
201	721158.99	1601169.91	4618.45	CP-201 PK/NAIL
202	721062.37	1599869.89	4574.72	CP-202 PK/NAIL
203	721635.22	1599741.82	4597.01	CP-203 PK/NAIL

* - Not Shown

INDICATES LOWER RIGHT HAND CORNER OF THE SHEET

C-201

PLAN WINDOW ON PLAN OR PLAN & PROFILE SHEET

0 80 160

600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

OVERALL WATER SHEET MAP

SPANISH FORK
EST. 1855
PRIDE & PROGRESS

NO.	REVISIONS	DATE

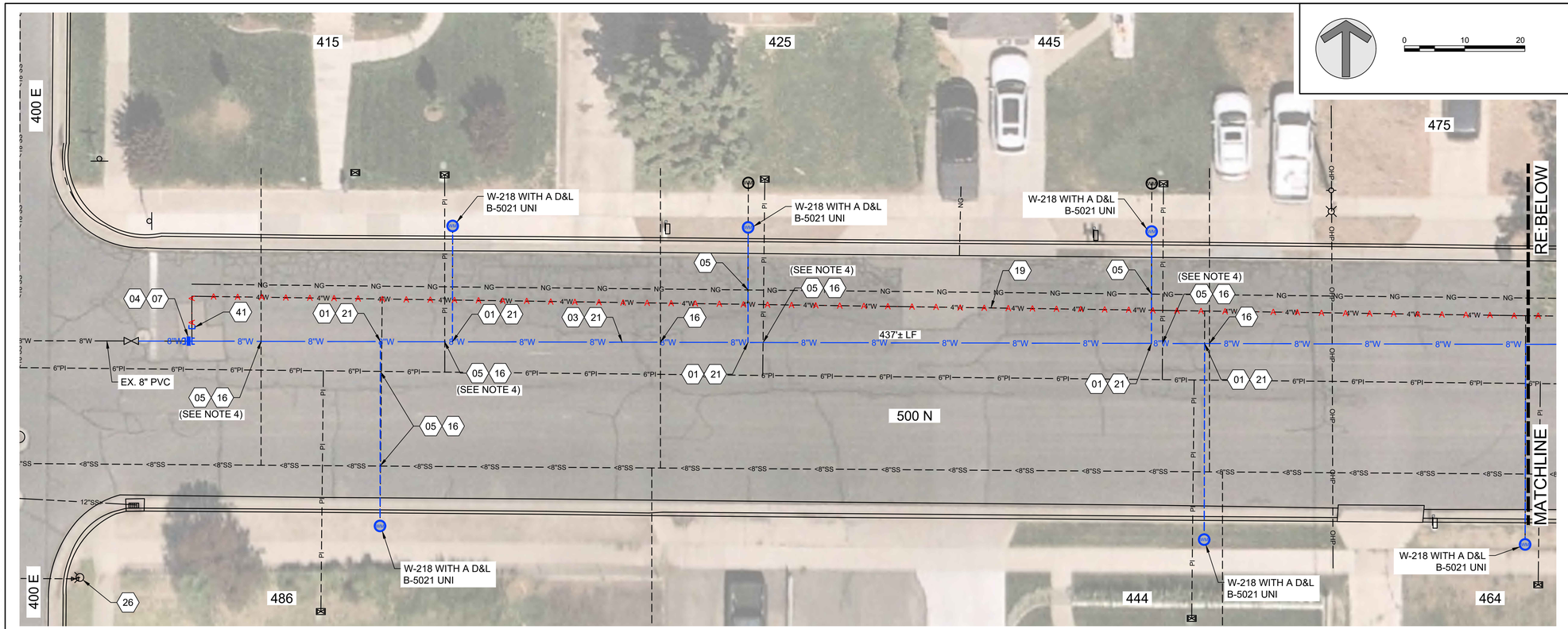
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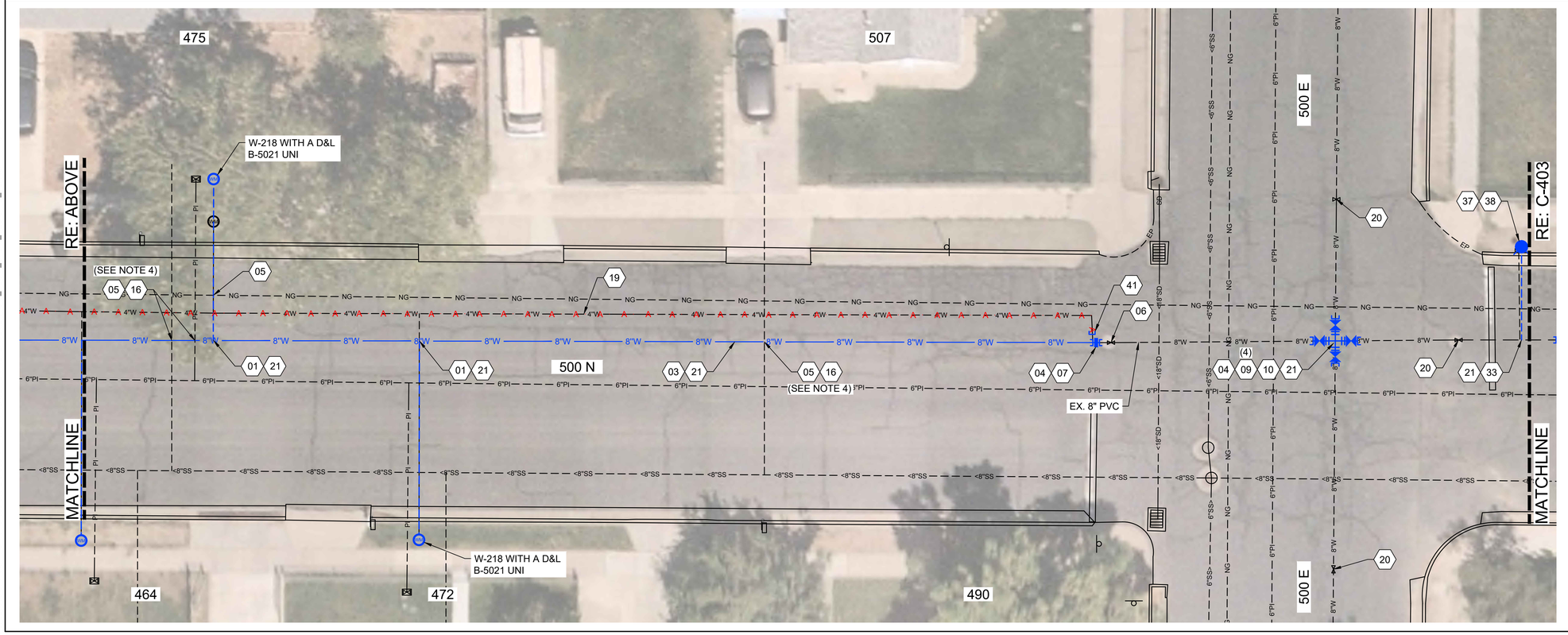
REGISTERED PROFESSIONAL ENGINEER
MICHAEL H. CLARK
No. 9809375-2202
STATE OF UTAH

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PROJECT NO 223030-009
PAGE 3
SHEET NO. C-400





GENERAL SHEET NOTES

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2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. NEW WATERLINE SHALL MAINTAIN 10' HORIZONTAL SEPARATION FROM ALL EXISTING SEWER MAINS.
5. IF IN DRIVEWAY, INSTALL WATER SERVICE WITH VAULT & DRIVABLE D&L A-1180-71I LID. SEE STANDARD W-214 FOR VAULT DETAILS. REPLACE ASPHALT AND CONCRETE AS NEEDED.
6. NEW SERVICE LINES SHALL BE BORED, DIRECTIONALLY DRILLED, JACKED, PULLED OR BY USE OF A MISSILE. OPEN TRENCH FOR SERVICE LINES WILL ONLY BE ALLOWED IF OTHER MEANS FAIL.
7. WHEN WORKING AROUND OVERHEAD ELECTRICAL LINES, CONTRACTOR WILL NEED TO MAINTAIN A 15 FOOT CLEARANCE. IF THE CLEARANCE CAN NOT BE MAINTAINED THEY WILL NEED TO CONTACT THE POWER DEPARTMENT FOR SAFETY GUIDELINES.
8. ALL METERS AND RADIOS ARE TO BE REUSED OR RETURNED TO THE WATER DIV, JED OTTESEN. CONTRACTOR NEEDS TO WORK WITH JED OTTESEN ON THESE REPLACEMENTS. THE RADIOS CAN NOT BE DISPOSED OF.
9. SEE STANDARD W-213 TO PLACE WATER AND PRESSURE IRRIGATION IN SAME CONE SECTION. ADJUST PRESSURE IRRIGATION AS NEEDED.
10. IF IN CONCRETE PLANTER, INSTALL WATER SERVICE IN CONCRETE WITH D&L B-5021-UNVI LID OR APPROVED EQUIVALENT. IF CONCRETE GRADE RING IS USED, USE D&L B-5018-UNVI OR APPROVED EQUIVALENT
11. REPAIR / REPLACE ALL PAVEMENT MARKINGS DISTURBED DURING CONSTRUCTION TO EQUAL OR BETTER CONDITION.

SHEET KEYNOTES

01	PLACE PIPE - 1" SERVICE, SEE SHEET NOTE 5, 10, & 11
03	PLACE PIPE - 8" PVC C900 SDR-18
04	CONNECT TO EXISTING WATER LINE, FITTINGS AS REQUIRED
05	RETAIN & PROTECT EXISTING UTILITES
06	REMOVE EXISTING VALVE ASSEMBLY, DISPOSE OF CAN AND VALVE
07	INSTALL FITTING - 8" COUPLER
09	INSTALL VALVE - 8" GATE
10	INSTALL FITTING - 8"x8" CROSS
16	POTABLE/NON-POTABLE CROSSING; RE: STATE STANDARD R309-550-7
19	ABANDON EXISTING WATER LINE IN PLACE. REMOVE & DISPOSE IF REQUIRED FOR CONSTRUCTION.
20	ABANDON VALVE IN PLACE, OPEN VALVE, REMOVE RISER, BACKFILL WITH GRAVEL
21	SURFACE REPAIR & TRENCHING TO FOLLOW THE CITY OF SPANISH FORK CONSTRUCTION STANDARDS & SPECIAL PROVISIONS
26	RETAIN & PROTECT EXISTING FIRE HYDRANT
33	CONNECT NEW 6" FIRE HYDRANT LINE TO NEW 8" WATER MAIN
37	EXISTING FIRE HYDRANT. REMOVE AND DISPOSE
38	INSTALL NEW FIRE HYDRANT ASSEMBLY; RE: STANDARD DRAWING W-210
41	INSTALL FITTING - 4" CAP

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Provo, Utah 84606
(385) 531-8231

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NO. 9809375-2202
MICHAEL H. CLARK
STATE OF UTAH

NO.	REVISIONS	DATE

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SPANISH FORK
EST. 1855
PRIDE & PROGRESS

600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

500 N WATERLINE STA 10+00 TO 14+80

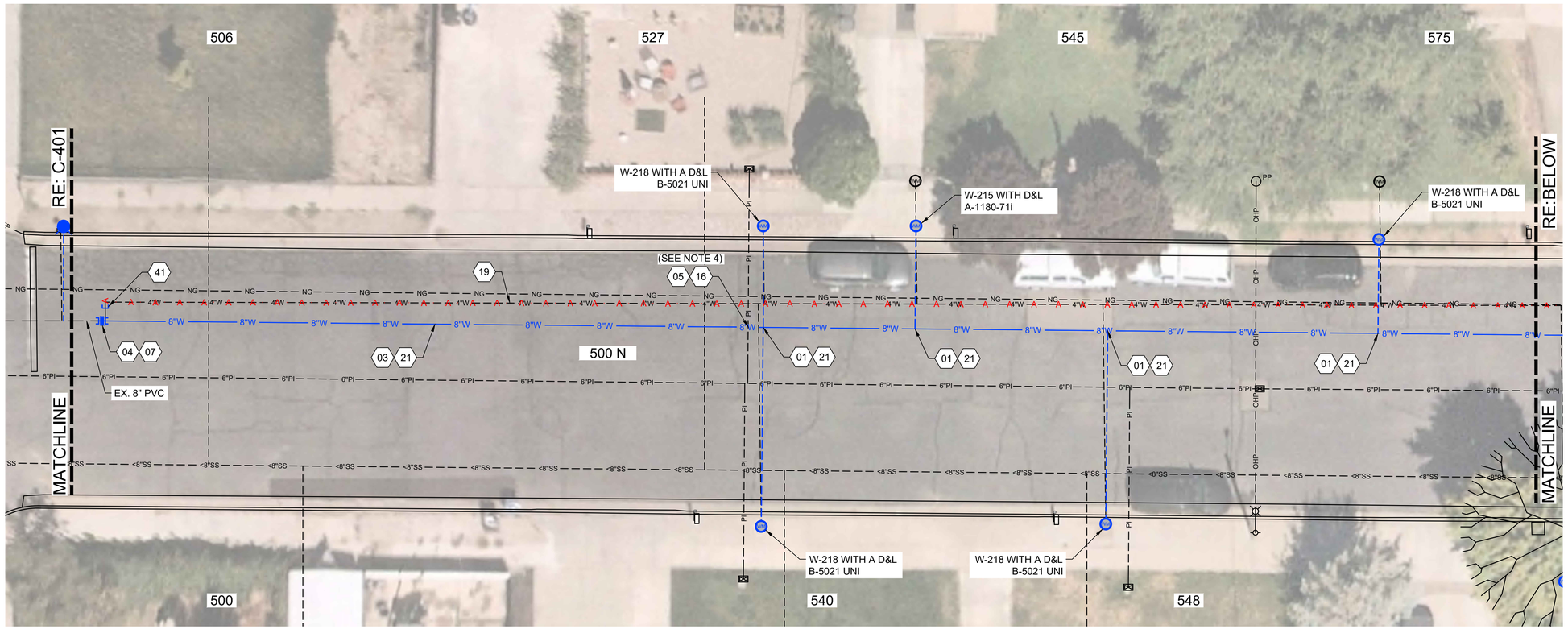
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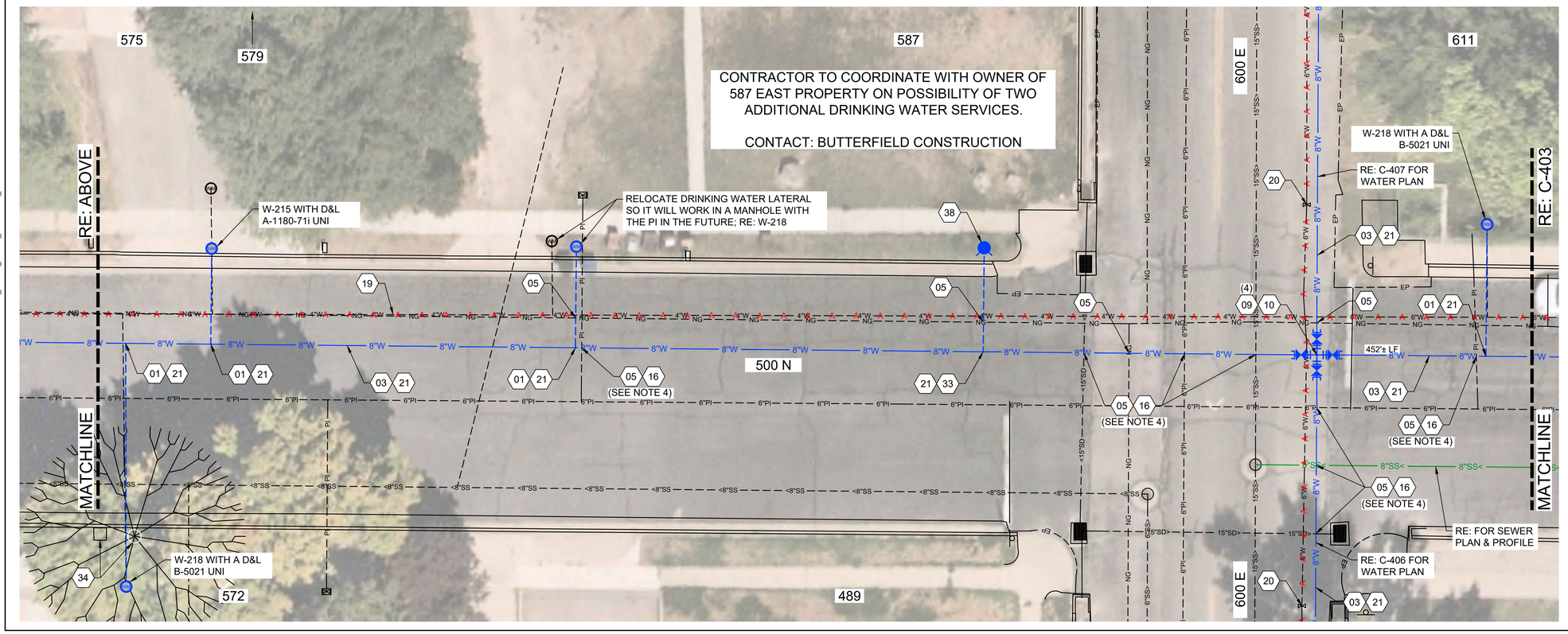
VERIFY SCALE: Scales based on 22"x34" prints.
1-1/2 Inches

PROJECT NO. 223030-009 | PAGE 4

SHEET NO. C-401

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0 10 20

GENERAL SHEET NOTES

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5. IF IN DRIVEWAY, INSTALL WATER SERVICE WITH VAULT & DRIVABLE D&L A-1180-71I LID. SEE STANDARD W-214 FOR VAULT DETAILS. REPLACE ASPHALT AND CONCRETE AS NEEDED.
6. NEW SERVICE LINES SHALL BE BORED, DIRECTIONALLY DRILLED, JACKED, PULLED OR BY USE OF A MISSILE. OPEN TRENCH FOR SERVICE LINES WILL ONLY BE ALLOWED IF OTHER MEANS FAIL.
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33	CONNECT NEW 6" FIRE HYDRANT LINE TO NEW 8" WATER MAIN
34	RELOCATE EXISTING MAILBOX STRUCTURE AND TREE
38	INSTALL NEW FIRE HYDRANT ASSEMBLY; RE: STANDARD DRAWING W-210
41	INSTALL FITTING - 4" CAP

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MICHAEL H. CLARK
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SPANISH FORK
PRIDE & PROGRESS
EST. 1855

600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

500 N WATERLINE STA 14+80 TO 19+60

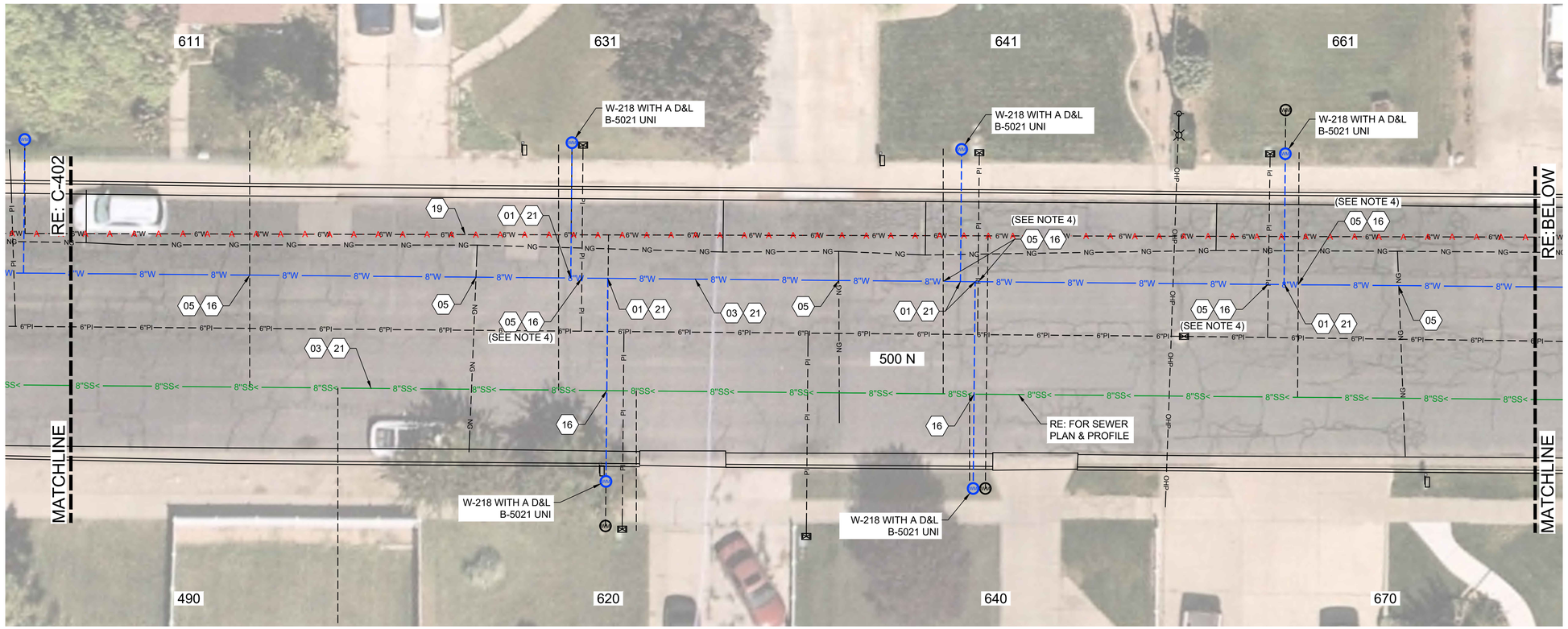
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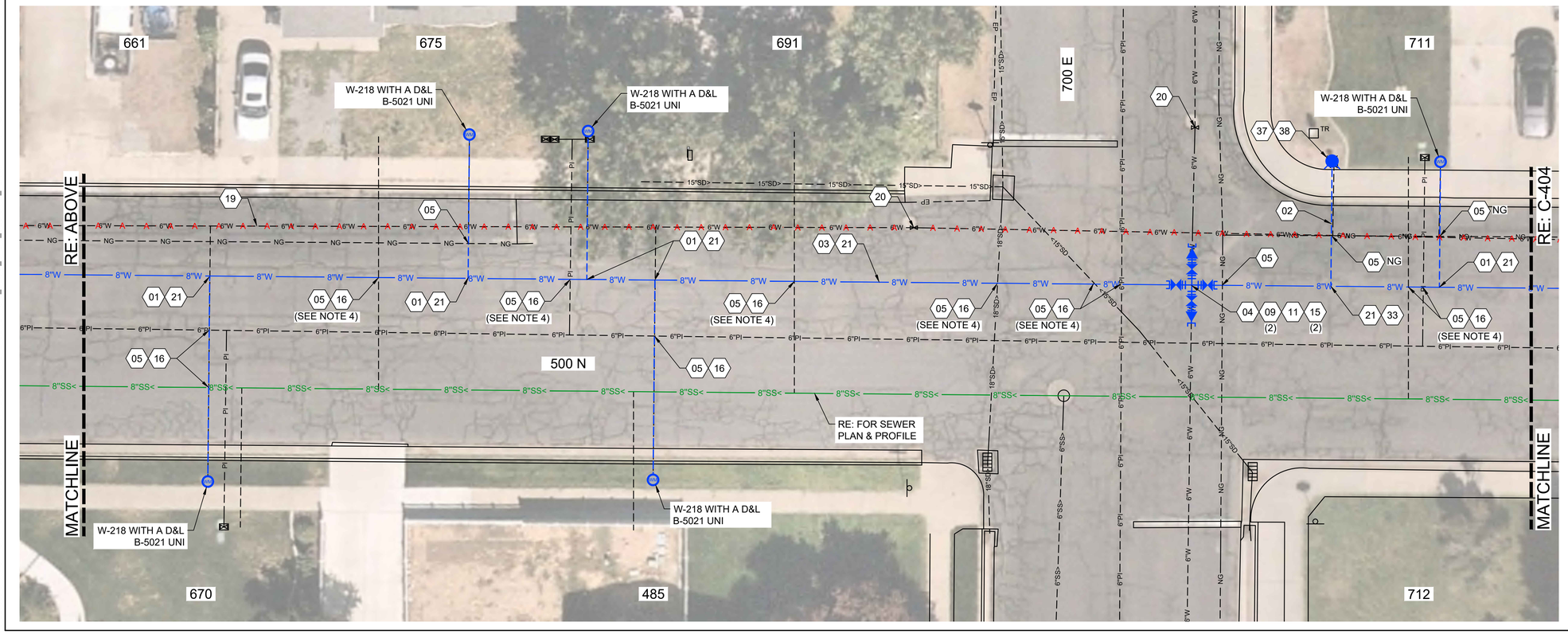
VERIFY SCALE: Scales based on 22"x34" prints.
1-1/2 Inches

PROJECT NO. 223030-009 | PAGE 5

SHEET NO. C-402

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0 10 20

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SHEET KEYNOTES

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19	ABANDON EXISTING WATER LINE IN PLACE. REMOVE & DISPOSE IF REQUIRED FOR CONSTRUCTION.
20	ABANDON VALVE IN PLACE, OPEN VALVE, REMOVE RISER, BACKFILL WITH GRAVEL
21	SURFACE REPAIR & TRENCHING TO FOLLOW THE CITY OF SPANISH FORK CONSTRUCTION STANDARDS & SPECIAL PROVISIONS
33	CONNECT NEW 6" FIRE HYDRANT LINE TO NEW 8" WATER MAIN
37	EXISTING FIRE HYDRANT. REMOVE AND DISPOSE
38	INSTALL NEW FIRE HYDRANT ASSEMBLY; RE: STANDARD DRAWING W-210

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MICHAEL H. CLARK
STATE OF UTAH

NO.	REVISIONS	DATE

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SPANISH FORK
PRIDE & PROGRESS
EST. 1855

600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

500 N WATERLINE STA 19+60 TO 24+40

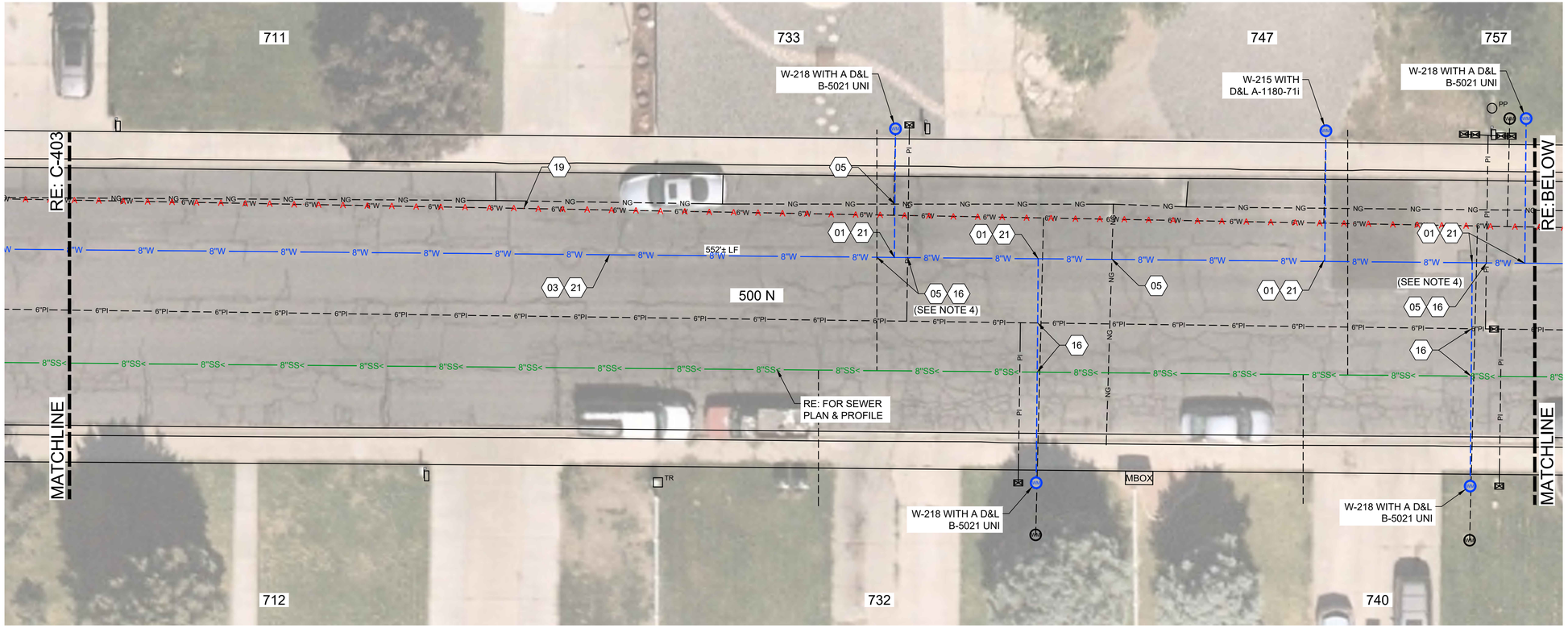
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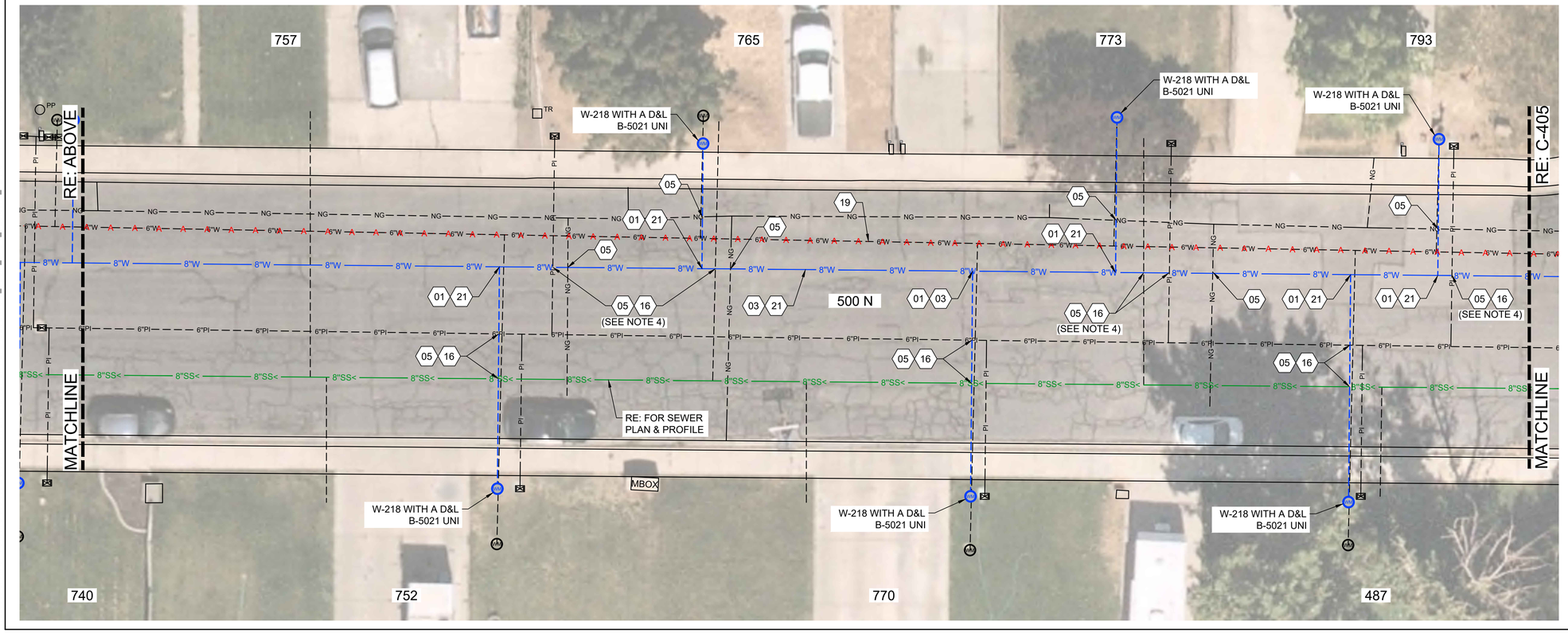
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1-1/2 Inches

PROJECT NO. 223030-009 | PAGE 6

SHEET NO. C-403

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0 10 20

GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION, CONTRACTOR TO PROTECT & VERIFY EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. NEW WATERLINE SHALL MAINTAIN 10' HORIZONTAL SEPARATION FROM ALL EXISTING SEWER MAINS.
5. IF IN DRIVEWAY, INSTALL WATER SERVICE WITH VAULT & DRIVABLE D&L A-1180-71I LID. SEE STANDARD W-214 FOR VAULT DETAILS. REPLACE ASPHALT AND CONCRETE AS NEEDED.
6. NEW SERVICE LINES SHALL BE BORED, DIRECTIONALLY DRILLED, JACKED, PULLED OR BY USE OF A MISSILE. OPEN TRENCH FOR SERVICE LINES WILL ONLY BE ALLOWED IF OTHER MEANS FAIL.
7. WHEN WORKING AROUND OVERHEAD ELECTRICAL LINES, CONTRACTOR WILL NEED TO MAINTAIN A 15 FOOT CLEARANCE. IF THE CLEARANCE CAN NOT BE MAINTAINED THEY WILL NEED TO CONTACT THE POWER DEPARTMENT FOR SAFETY GUIDELINES.
8. ALL METERS AND RADIOS ARE TO BE REUSED OR RETURNED TO THE WATER DIV, JED OTTESEN. CONTRACTOR NEEDS TO WORK WITH JED OTTESEN ON THESE REPLACEMENTS. THE RADIOS CAN NOT BE DISPOSED OF.
9. SEE STANDARD W-213 TO PLACE WATER AND PRESSURE IRRIGATION IN SAME CONE SECTION. ADJUST PRESSURE IRRIGATION AS NEEDED.
10. IF IN CONCRETE PLANTER, INSTALL WATER SERVICE IN CONCRETE WITH D&L B-5021-UNVI LID OR APPROVED EQUIVALENT. IF CONCRETE GRADE RING IS USED, USE D&L B-5018-UNVI OR APPROVED EQUIVALENT
11. REPAIR / REPLACE ALL PAVEMENT MARKINGS DISTURBED DURING CONSTRUCTION TO EQUAL OR BETTER CONDITION.

SHEET KEYNOTES

01	PLACE PIPE - 1" SERVICE, SEE SHEET NOTE 5, 10, & 11
03	PLACE PIPE - 8" PVC C900 SDR-18
05	RETAIN & PROTECT EXISTING UTILITES
16	POTABLE/NON-POTABLE CROSSING; RE: STATE STANDARD R309-550-7
19	ABANDON EXISTING WATER LINE IN PLACE. REMOVE & DISPOSE IF REQUIRED FOR CONSTRUCTION.
21	SURFACE REPAIR & TRENCHING TO FOLLOW THE CITY OF SPANISH FORK CONSTRUCTION STANDARDS & SPECIAL PROVISIONS

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REGISTERED PROFESSIONAL ENGINEER
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MICHAEL H. CLARK
STATE OF UTAH

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SPANISH FORK
PRIDE & PROGRESS
EST. 1855

600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

500 N WATERLINE STA 24+40 TO 29+20

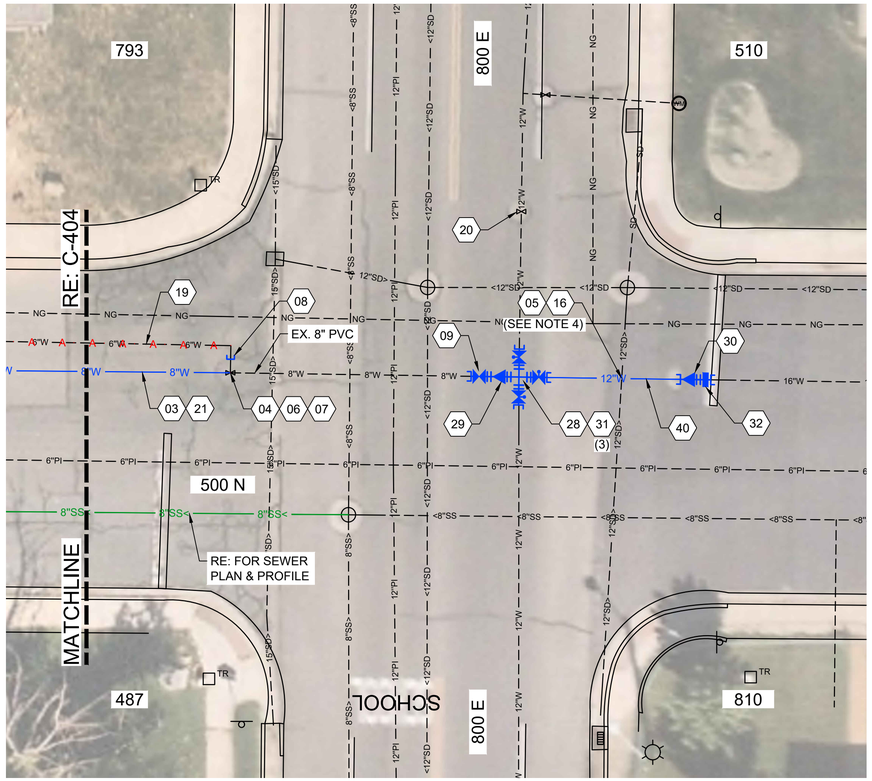
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1-1/2 Inches

PROJECT NO. 223030-009 | PAGE 7

SHEET NO. C-404

PRINTED: 6/7/2024 8:01 AM
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0 10 20

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11. REPAIR / REPLACE ALL PAVEMENT MARKINGS DISTURBED DURING CONSTRUCTION TO EQUAL OR BETTER CONDITION.

SHEET KEYNOTES

03	PLACE PIPE - 8" PVC C900 SDR-18
04	CONNECT TO EXISTING WATER LINE, FITTINGS AS REQUIRED
05	RETAIN & PROTECT EXISTING UTILITES
06	REMOVE EXISTING VALVE ASSEMBLY, DISPOSE OF CAN AND VALVE
07	INSTALL FITTING - 8" COUPLER
08	INSTALL FITTING - 6" CAP
09	INSTALL VALVE - 8" GATE
16	POTABLE/NON-POTABLE CROSSING; RE: STATE STANDARD R309-550-7
19	ABANDON EXISTING WATER LINE IN PLACE. REMOVE & DISPOSE IF REQUIRED FOR CONSTRUCTION.
20	ABANDON VALVE IN PLACE, OPEN VALVE, REMOVE RISER, BACKFILL WITH GRAVEL
21	SURFACE REPAIR & TRENCHING TO FOLLOW THE CITY OF SPANISH FORK CONSTRUCTION STANDARDS & SPECIAL PROVISIONS
28	INSTALL FITTING - 12"x12" CROSS
29	INSTALL FITTING - 8"x12" REDUCER
30	INSTALL FITTING - 12"x16" REDUCER
31	INSTALL VALVE - 12" BUTTERFLY
32	INSTALL FITTING - 16" COUPLER
40	PLACE PIPE - 12" PVC C900 SDR-18

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SPANISH FORK
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600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

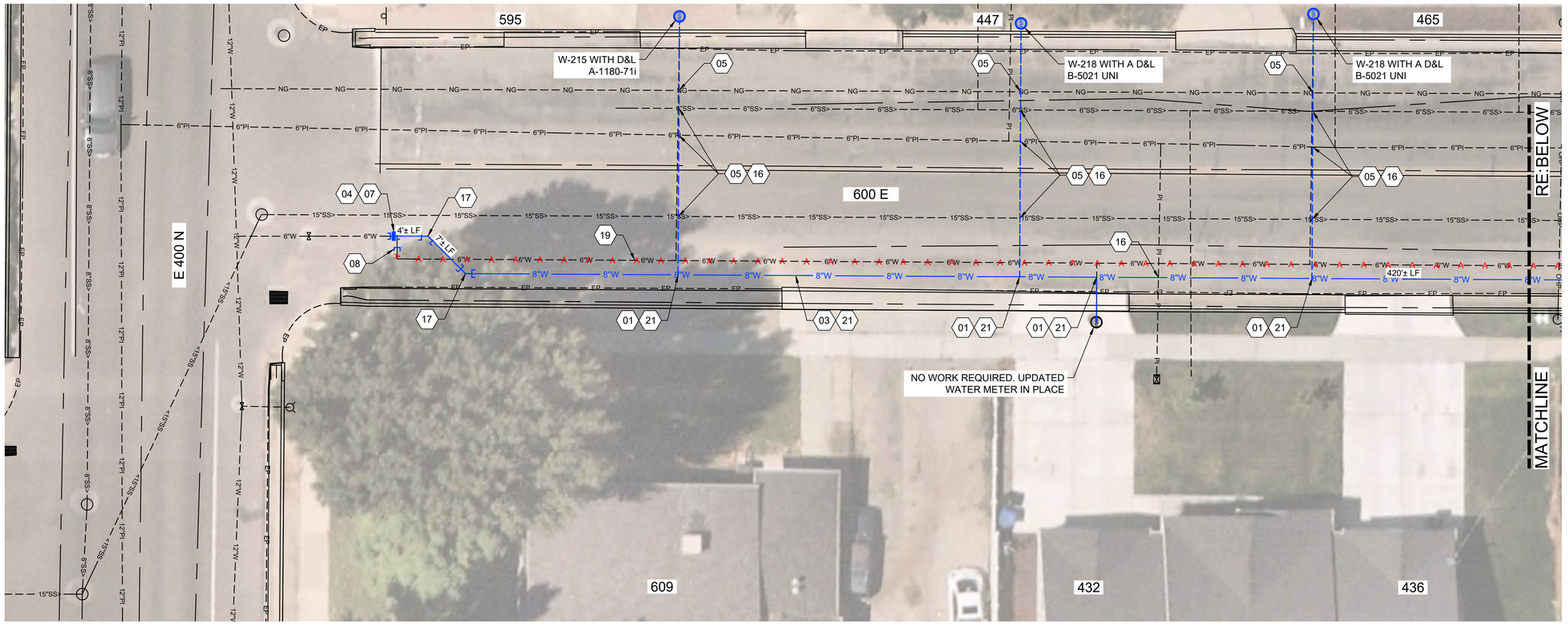
500 N WATERLINE STA 29+20 TO END

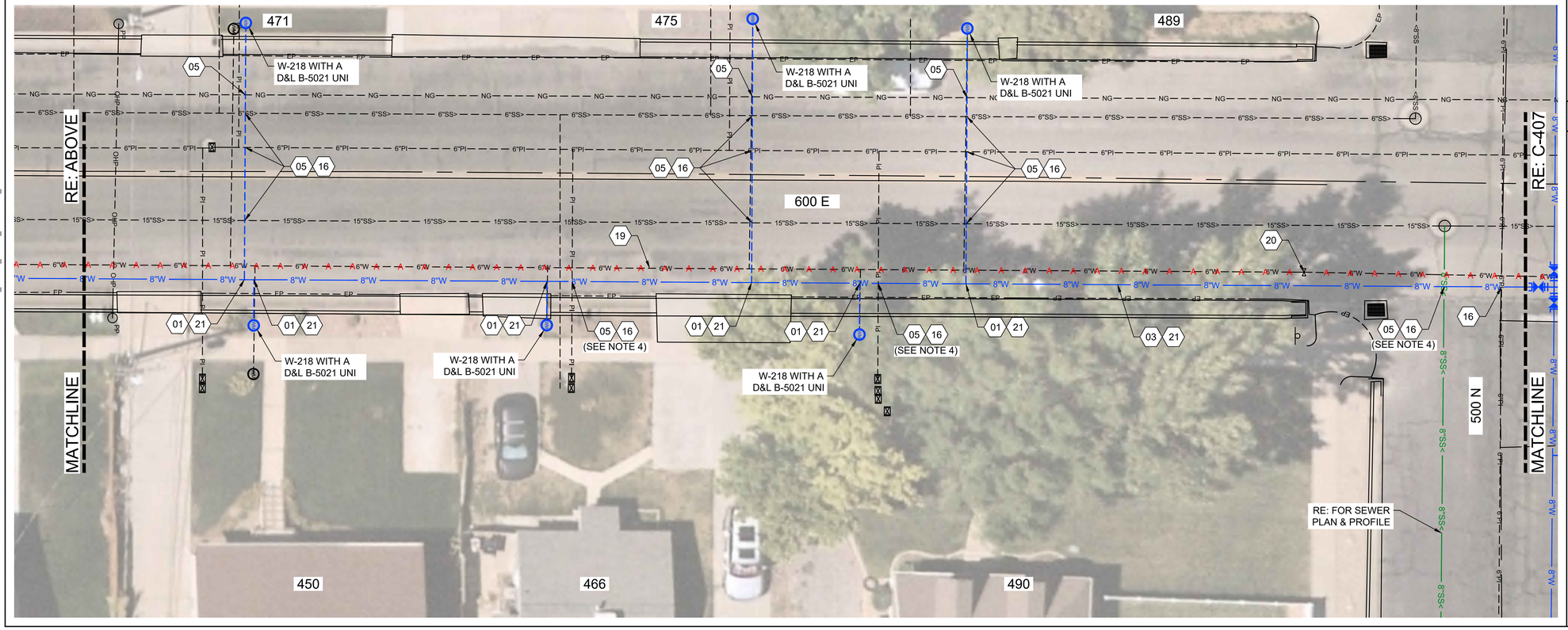
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VERIFY SCALE: Scales based on 22"x34" prints.
1-1/2 Inches

PROJECT NO. 223030-009
PAGE 8
SHEET NO. C-405

LAST SAVED: 6/6/2024 3:19 PM PRINTED: 6/7/2024 8:01 AM
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0 10 20

GENERAL SHEET NOTES

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6. NEW SERVICE LINES SHALL BE BORED, JACKED, PULLED OR BY USE OF A MISSILE. OPEN TRENCH FOR SERVICE LINES WILL ONLY BE ALLOWED IF OTHER MEANS FAIL.
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9. SEE STANDARD W-213 TO PLACE WATER AND PI IN SAME CONE SECTION. ADJUST PI AS NEEDED.
10. IF IN CONCRETE PLANTER, INSTALL WATER SERVICE IN CONCRETE WITH D&L B-5021-UNVI LID OR APPROVED EQUIVALENT. IF CONCRETE GRADE RING IS USED, D&L B-5018-UNVI OR APPROVED EQUIVALENT
11. REPAIR / REPLACE ALL PAVEMENT MARKINGS DISTURBED DURING CONSTRUCTION TO EQUAL OR BETTER CONDITION.

SHEET KEYNOTES

01	PLACE PIPE - 1" SERVICE, SEE SHEET NOTE 5, 10, & 11
03	PLACE PIPE - 8" PVC C900 SDR-18
04	CONNECT TO EXISTING WATER LINE, FITTINGS AS REQUIRED
05	RETAIN & PROTECT EXISTING UTILITES
07	INSTALL FITTING - 8" COUPLER
08	INSTALL FITTING - 6" CAP
16	POTABLE/NON-POTABLE CROSSING; RE: STATE STANDARD R309-550-7
17	INSTALL FITTING - 8" 45° BEND
19	ABANDON EXISTING WATER LINE IN PLACE. REMOVE & DISPOSE IF REQUIRED FOR CONSTRUCTION.
20	ABANDON VALVE IN PLACE, OPEN VALVE, REMOVE RISER, BACKFILL WITH GRAVEL
21	SURFACE REPAIR & TRENCHING TO FOLLOW THE CITY OF SPANISH FORK CONSTRUCTION STANDARDS & SPECIAL PROVISIONS

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STATE OF UTAH

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SPANISH FORK
PRIDE & PROGRESS
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600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

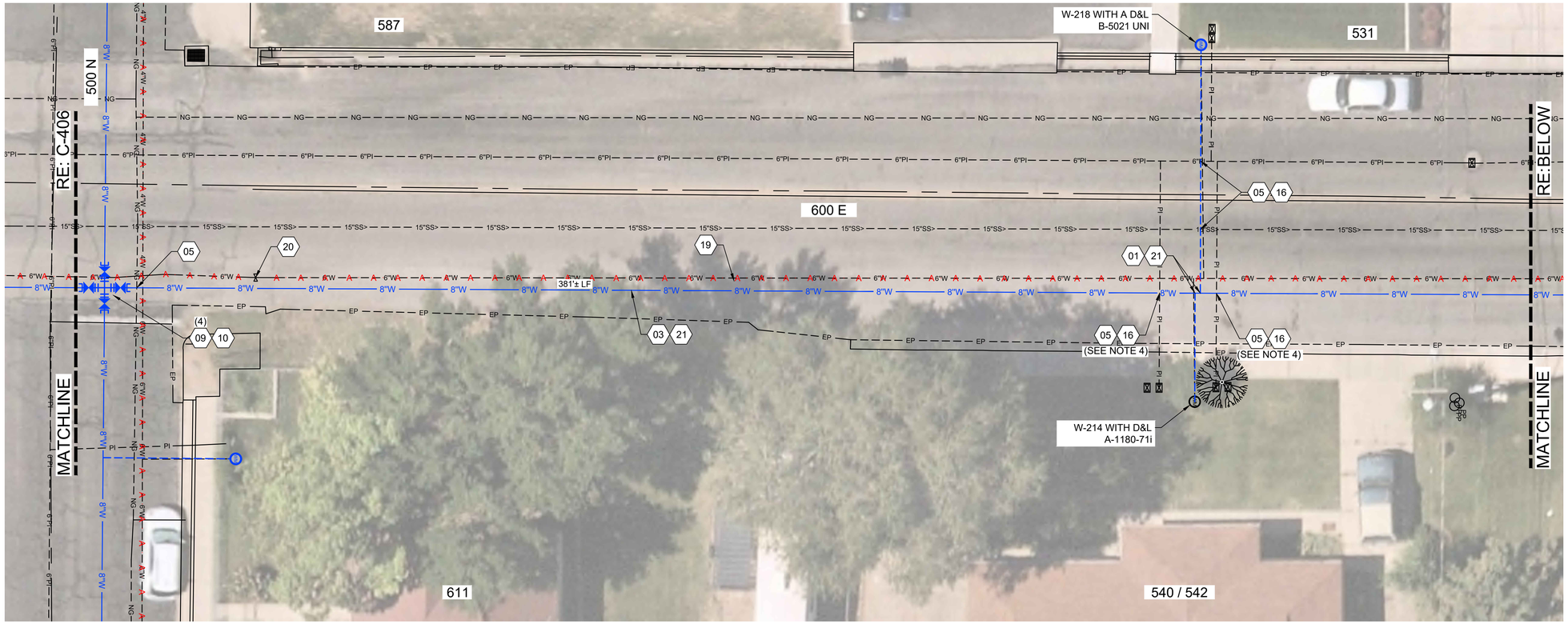
600 E WATERLINE STA 10+00 TO 14+40

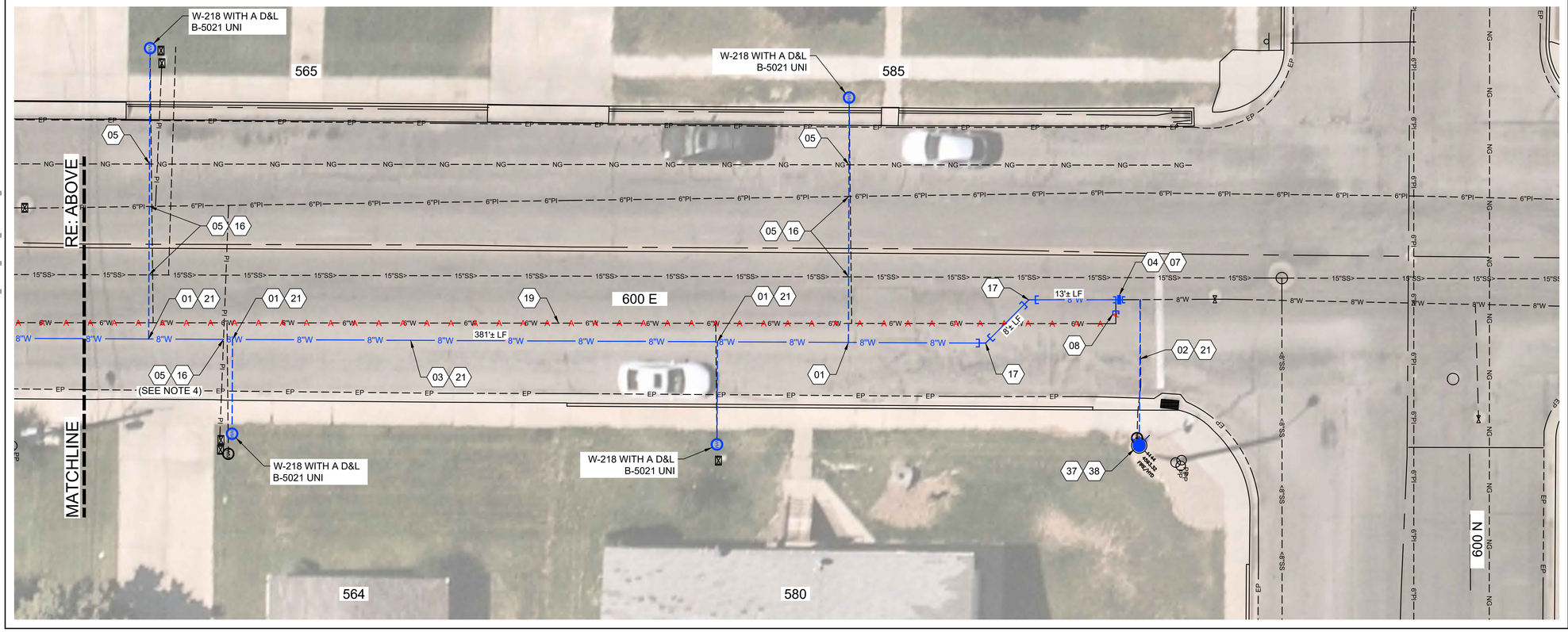
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VERIFY SCALE: Scales based on 22"x34" prints.
1-1/2 Inches

PROJECT NO. 223030-009
PAGE 9
SHEET NO. C-406

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GENERAL SHEET NOTES

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9. SEE STANDARD W-213 TO PLACE WATER AND PI IN SAME CONE SECTION. ADJUST PI AS NEEDED.
10. IF IN CONCRETE PLANTER, INSTALL WATER SERVICE IN CONCRETE WITH D&L B-5021-UNVI LID OR APPROVED EQUIVALENT. IF CONCRETE GRADE RING IS USED, D&L B-5018-UNVI OR APPROVED EQUIVALENT
11. REPAIR / REPLACE ALL PAVEMENT MARKINGS DISTURBED DURING CONSTRUCTION TO EQUAL OR BETTER CONDITION.

SHEET KEYNOTES

01	PLACE PIPE - 1" SERVICE, SEE SHEET NOTE 5, 10, & 11
02	PLACE PIPE - 6" PVC C900 SDR-18
03	PLACE PIPE - 8" PVC C900 SDR-18
04	CONNECT TO EXISTING WATER LINE, FITTINGS AS REQUIRED
05	RETAIN & PROTECT EXISTING UTILITES
07	INSTALL FITTING - 8" COUPLER
08	INSTALL FITTING - 6" CAP
09	INSTALL VALVE - 8" GATE
10	INSTALL FITTING - 8"x8" CROSS
16	POTABLE/NON-POTABLE CROSSING; RE: STATE STANDARD R309-550-7
17	INSTALL FITTING - 8" 45° BEND
19	ABANDON EXISTING WATER LINE IN PLACE. REMOVE & DISPOSE IF REQUIRED FOR CONSTRUCTION.
20	ABANDON VALVE IN PLACE, OPEN VALVE, REMOVE RISER, BACKFILL WITH GRAVEL
21	SURFACE REPAIR & TRENCHING TO FOLLOW THE CITY OF SPANISH FORK CONSTRUCTION STANDARDS & SPECIAL PROVISIONS
37	EXISTING FIRE HYDRANT. REMOVE AND DISPOSE
38	INSTALL NEW FIRE HYDRANT ASSEMBLY; RE: STANDARD DRAWING W-210

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STATE OF UTAH

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SPANISH FORK
PRIDE & PROGRESS
EST. 1855

600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

600 E WATERLINE STA 14+40 TO END

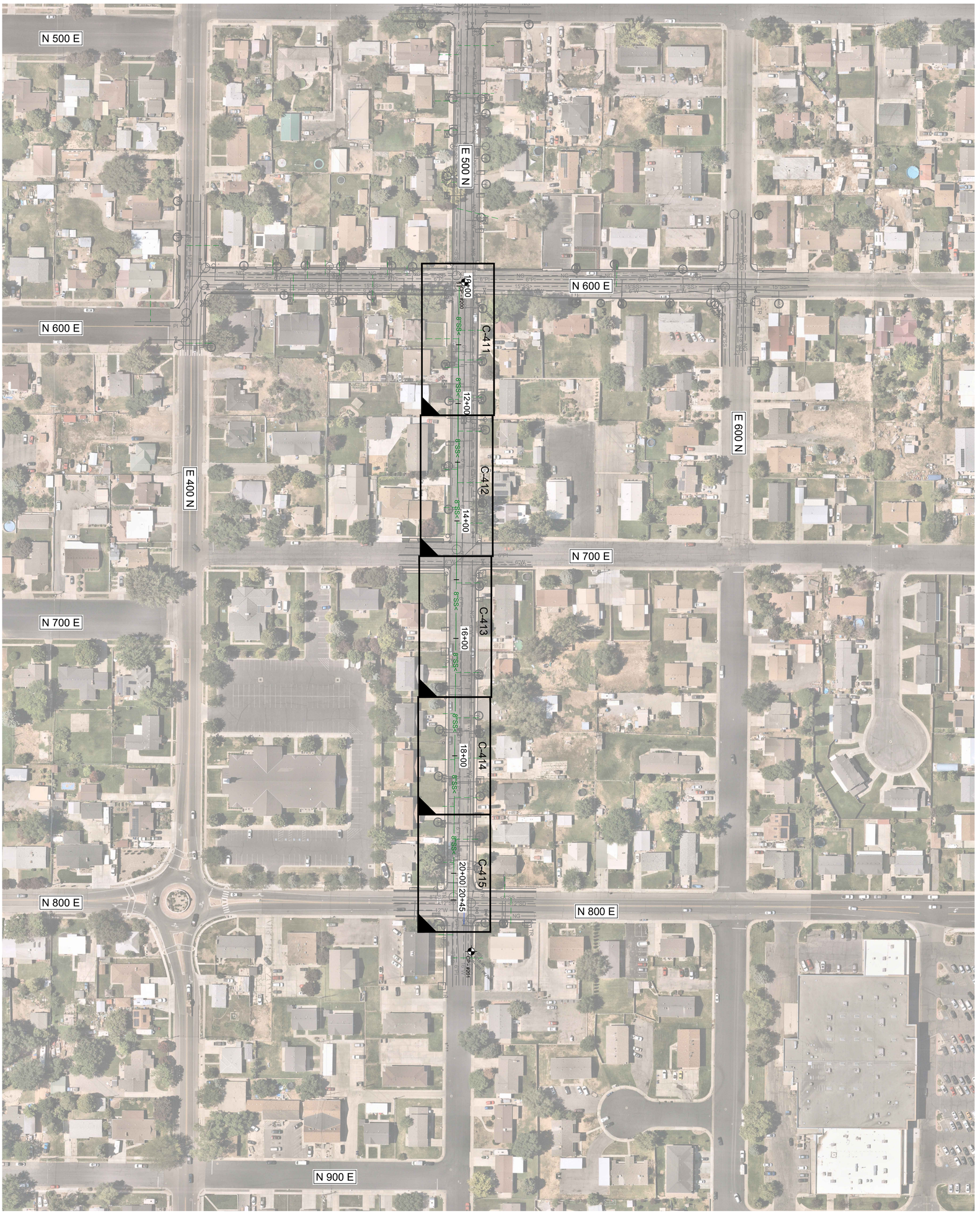
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VERIFY SCALE: Scales based on 22"x34" prints.
1-1/2 Inches

PROJECT NO. 223030-009 | PAGE 10

SHEET NO. C-407

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Control Point Table				
Point #	Northing	Easting	Elevation	Raw Description
100	721081929	1598728.91	4593.26	CP-100 CHURCH BASE
200	721109748	1600030.39	4602.22	CP-200 AERIAL TARGET
201	721110899	1601169.91	4618.45	CP-201 PK/NAIL
202	721062137	1599869.89	4574.72	CP-202 PK/NAIL
203	721163522	1599574.82	4597.01	CP-203 PK/NAIL

* - Not Shown

INDICATES LOWER RIGHT HAND CORNER OF THE SHEET

C-201

PLAN WINDOW ON PLAN OR PLAN & PROFILE SHEET

0 80 160

600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

OVERALL SEWER SHEET MAP

SPANISH FORK PRIDE & PROGRESS

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REGISTERED PROFESSIONAL ENGINEER MICHAEL H. CLARK NO. 9809375-2202 STATE OF UTAH

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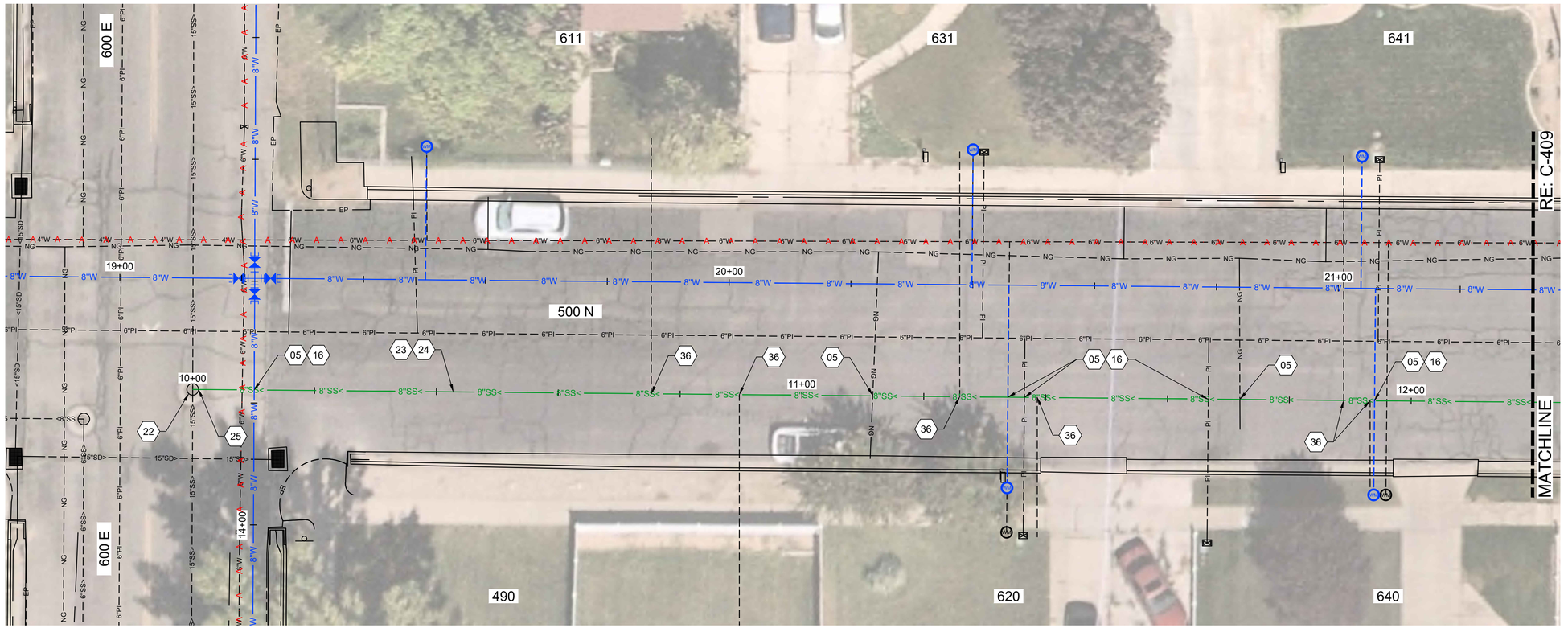
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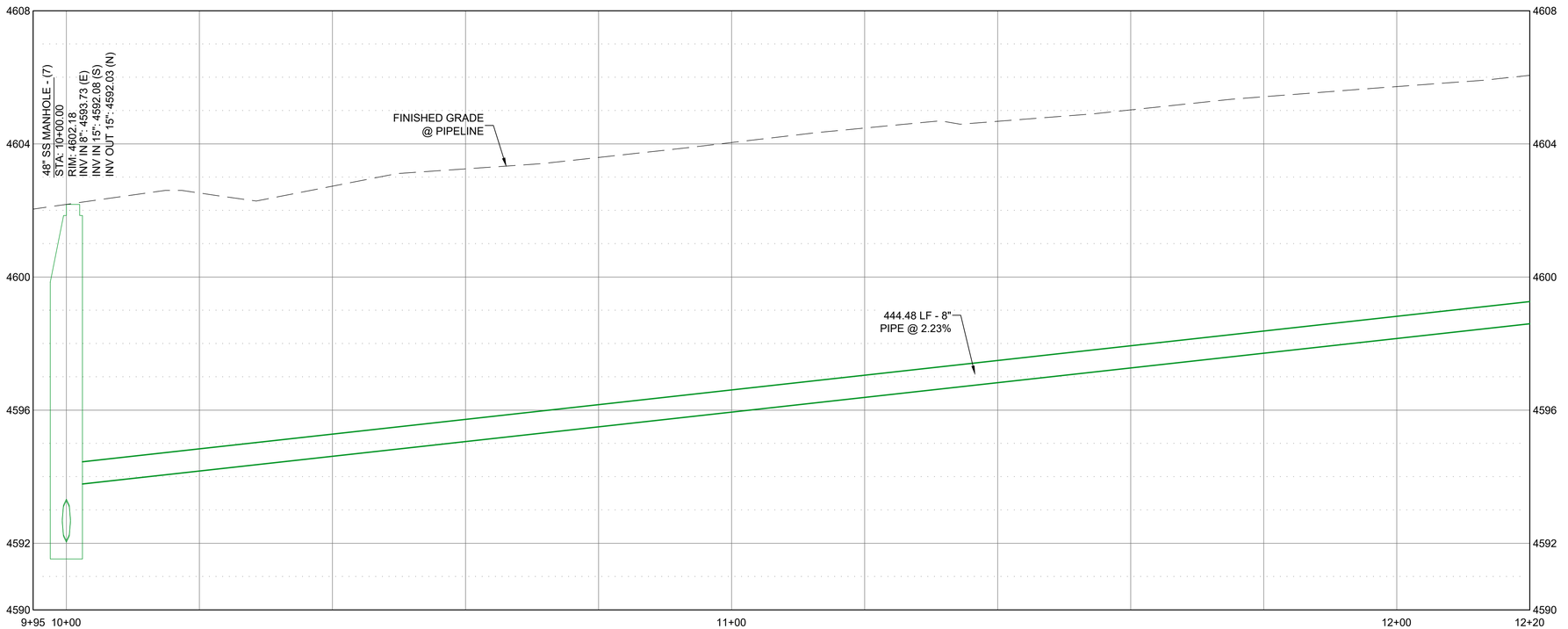
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PROJECT NO 223030-009

PAGE 11

SHEET NO. C-410





GRAPHIC SCALE
HORIZ: 0 10 20
VERT: 0 2 4

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SHEET KEYNOTES

05	RETAIN & PROTECT EXISTING UTILITES
16	POTABLE/NON-POTABLE CROSSING; RE: STATE STANDARD R309-550-7
22	RETAIN & PROTECT EXISTING 48" SS MANHOLE
23	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER LINE
24	PLACE PIPE - 8" PVC SDR-35
25	CONNECT TO EXISTING SEWER MANHOLE, GROUT AS REQUIRED
36	RECONNECT EXISTING SEWER LATERALS TO NEW 8" SANITARY SEWER LINE, FITTINGS AS REQUIRED

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SPANISH FORK
PRIDE & PROGRESS
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600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

500 N SEWERLINE STA 9+95 TO 12+20

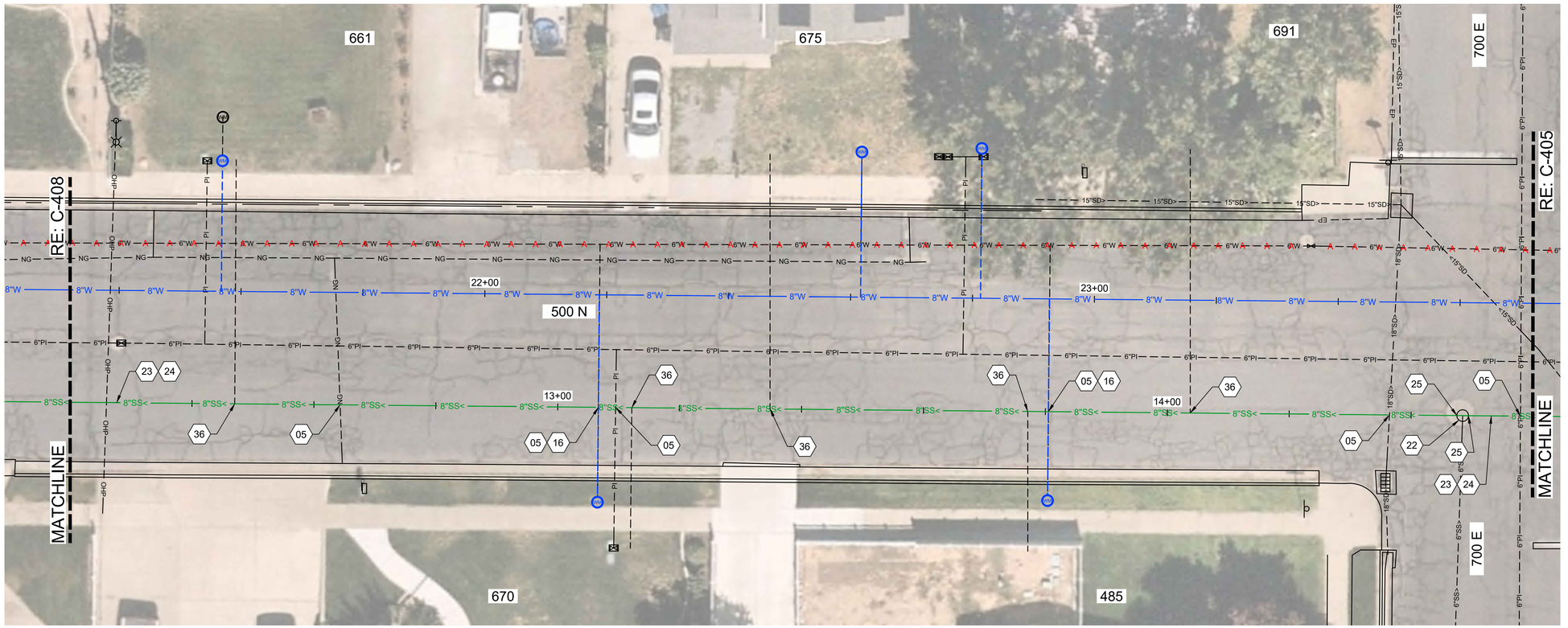
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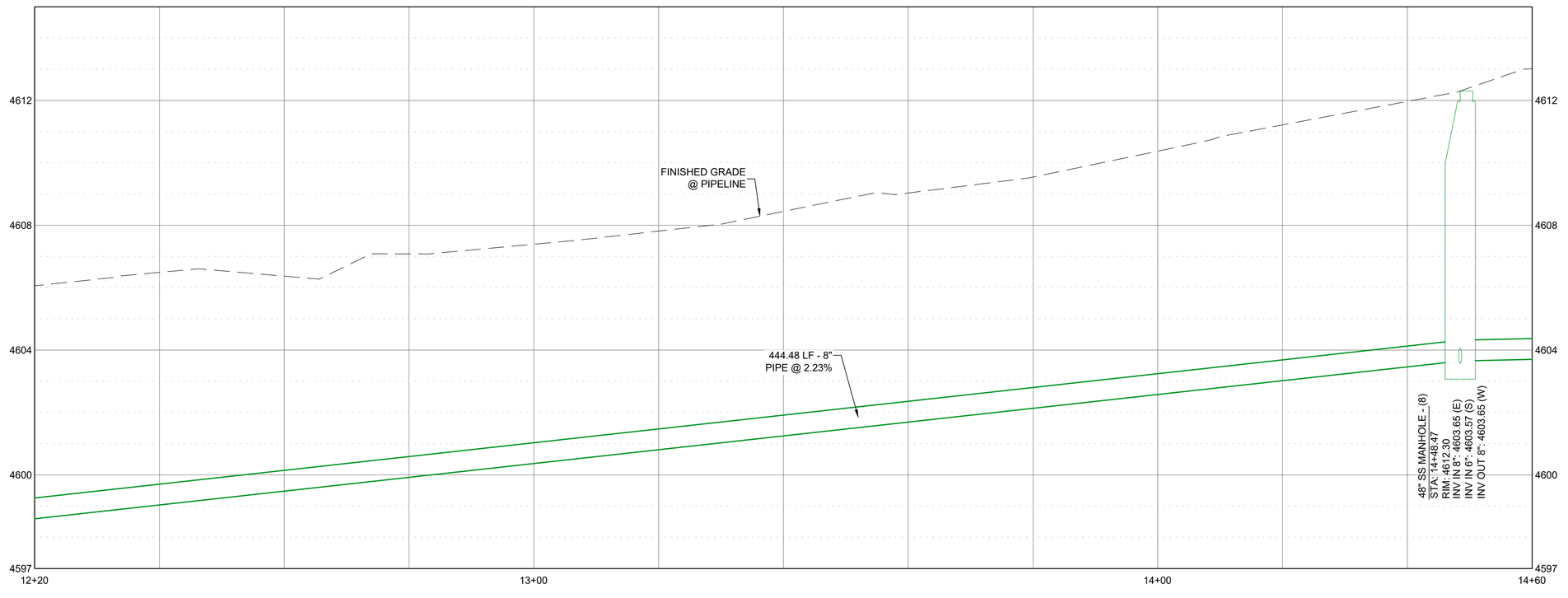
VERIFY SCALE: Scales based on 22"x34" prints.
1-1/2 Inches

PROJECT NO. 223030-009 | PAGE 12

SHEET NO. C-411

J:\223030 SPANISH FORK\TO 009 600 E & 500 N WATER AND SEWER REPLACEMENTS\C_DESN_CAD\3_DESIGN\D_PLANS-1\SEWER SHEETS .DWG
LAST SAVED: 6/7/2024 7:52 AM
PRINTED: 6/7/2024 8:04 AM





GRAPHIC SCALE
HORIZ: 0 10 20
VERT: 0 2 4

GENERAL SHEET NOTES

1. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION, CONTRACTOR TO PROTECT & VERIFY EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
2. FURNISH MATERIALS WHERE "INSTALL", "PLACE" OR "CONSTRUCT" IS REQUIRED UNLESS NOTED OTHERWISE.
3. AREAS DISTURBED BY CONSTRUCTION WHERE SURFACE REPAIR IS NOT INDICATED SHALL BE RESTORED TO CONDITIONS FOUND PRIOR TO CONSTRUCTION. THIS COST SHALL BE INCIDENTAL TO THE CONTRACT.
4. NEW WATERLINE SHALL MAINTAIN 10' HORIZONTAL SEPARATION FROM ALL EX. SEWER MAINS.
5. IF IN DRIVEWAY, INSTALL WATER SERVICE WITH VAULT & DRIVABLE D&L A-1180-71I LID. SEE STANDARD W-214 FOR VAULT DETAILS. REPLACE ASPHALT AND CONCRETE AS NEEDED.
6. NEW SERVICE LINES SHALL BE BORED, JACKED, PULLED OR BY USE OF A MISSILE. OPEN TRENCH FOR SERVICE LINES WILL ONLY BE ALLOWED IF OTHER MEANS FAIL.
7. WHEN WORKING AROUND OVERHEAD ELECTRICAL LINES, CONTRACTOR WILL NEED TO MAINTAIN A 15 FOOT CLEARANCE. IF THE CLEARANCE CAN NOT BE MAINTAINED THEY WILL NEED TO CONTACT THE POWER DEPARTMENT FOR SAFETY GUIDELINES.
8. ALL METERS AND RADIOS ARE TO BE REUSED OR RETURNED TO THE WATER DIV, JED OTTESEN. CONTRACTOR NEEDS TO WORK WITH JED OTTESEN ON THESE REPLACEMENTS. THE RADIOS CAN NOT BE DISPOSED OF.
9. SEE STANDARD W-213 TO PLACE WATER AND PI IN SAME CONE SECTION. ADJUST PI AS NEEDED.
10. REPAIR / REPLACE ALL PAVEMENT MARKINGS DISTURBED DURING CONSTRUCTION TO EQUAL OR BETTER CONDITION.

SHEET KEYNOTES

05	RETAIN & PROTECT EXISTING UTILITES
16	POTABLE/NON-POTABLE CROSSING; RE: STATE STANDARD R309-550-7
22	RETAIN & PROTECT EXISTING 48" SS MANHOLE
23	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER LINE
24	PLACE PIPE - 8" PVC SDR-35
25	CONNECT TO EXISTING SEWER MANHOLE, GROUT AS REQUIRED
36	RECONNECT EXISTING SEWER LATERALS TO NEW 8" SANITARY SEWER LINE, FITTINGS AS REQUIRED

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MICHAEL H. CLARK
STATE OF UTAH

NO.	REVISIONS	DATE

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SPANISH FORK
PRIDE & PROGRESS
EST. 1855

600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

500 N SEWERLINE 12+20 TO 14+60

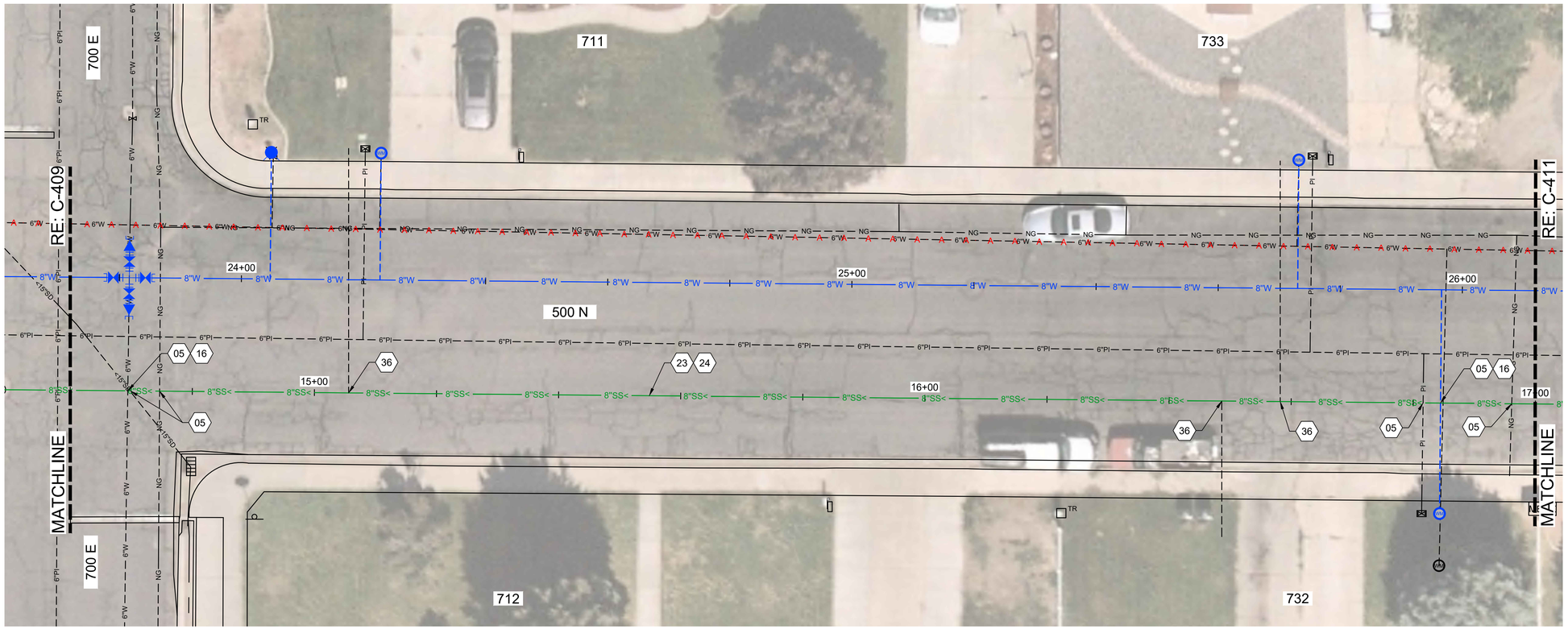
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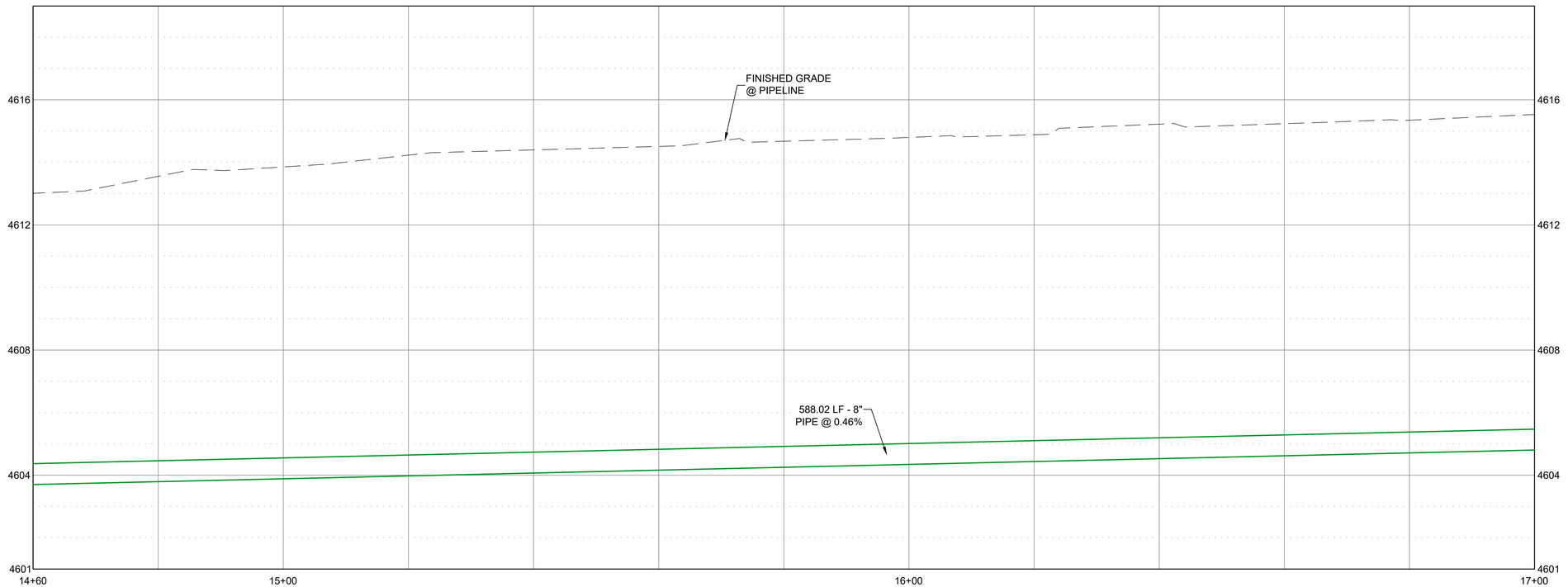
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1-1/2 Inches

PROJECT NO. 223030-009 | PAGE 13

SHEET NO. C-412

LAST SAVED: 6/7/2024 7:52 AM PRINTED: 6/7/2024 8:05 AM
J:\223030 SPANISH FORK\TO 009 600 E & 500 N WATER AND SEWER REPLACEMENTS\C_DESN_CAD\3_DESIGN\D_PLANS-1\SEWER SHEETS .DWG





GRAPHIC SCALE
HORIZ: 0 10 20
VERT: 0 2 4

GENERAL SHEET NOTES

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SHEET KEYNOTES

05	RETAIN & PROTECT EXISTING UTILITES
16	POTABLE/NON-POTABLE CROSSING; RE: STATE STANDARD R309-550-7
23	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER LINE
24	PLACE PIPE - 8" PVC SDR-35
36	RECONNECT EXISTING SEWER LATERALS TO NEW 8" SANITARY SEWER LINE, FITTINGS AS REQUIRED

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SPANISH FORK
PRIDE & PROGRESS
EST. 1855

600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

500 N SEWERLINE 14+60 TO 17+00

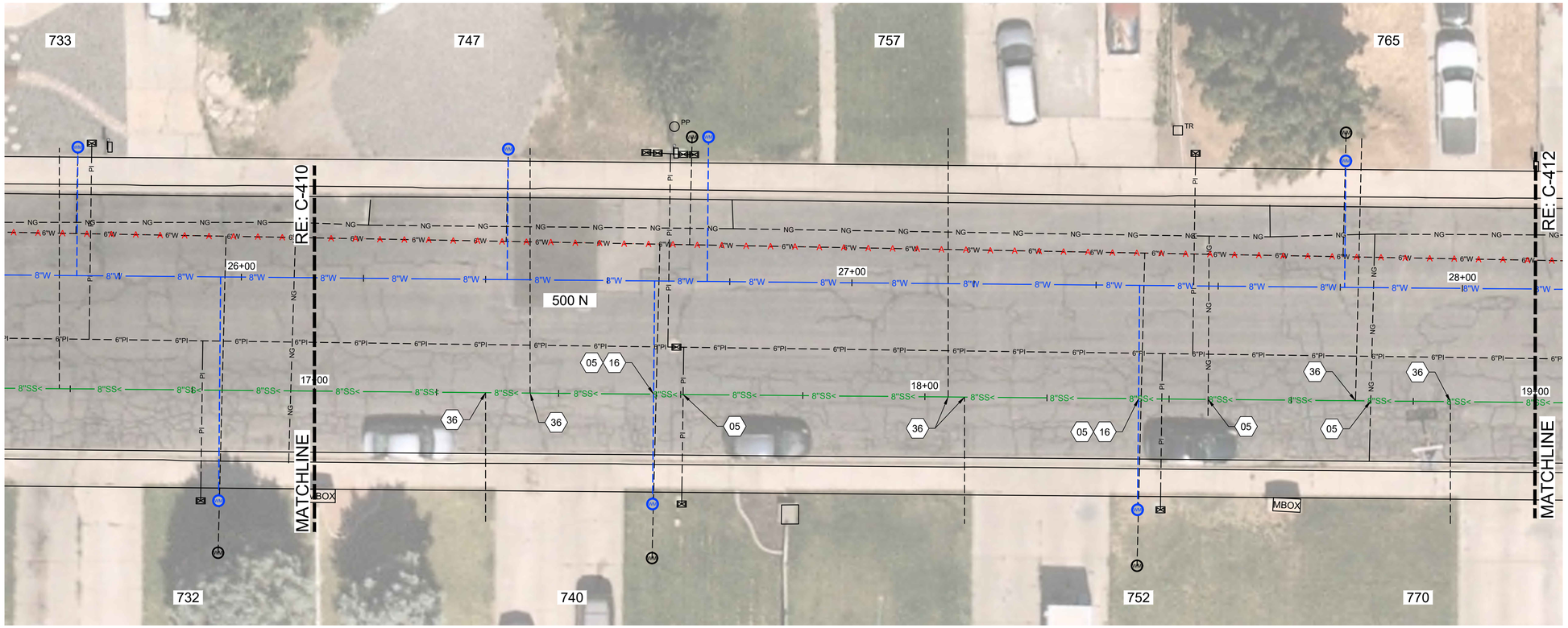
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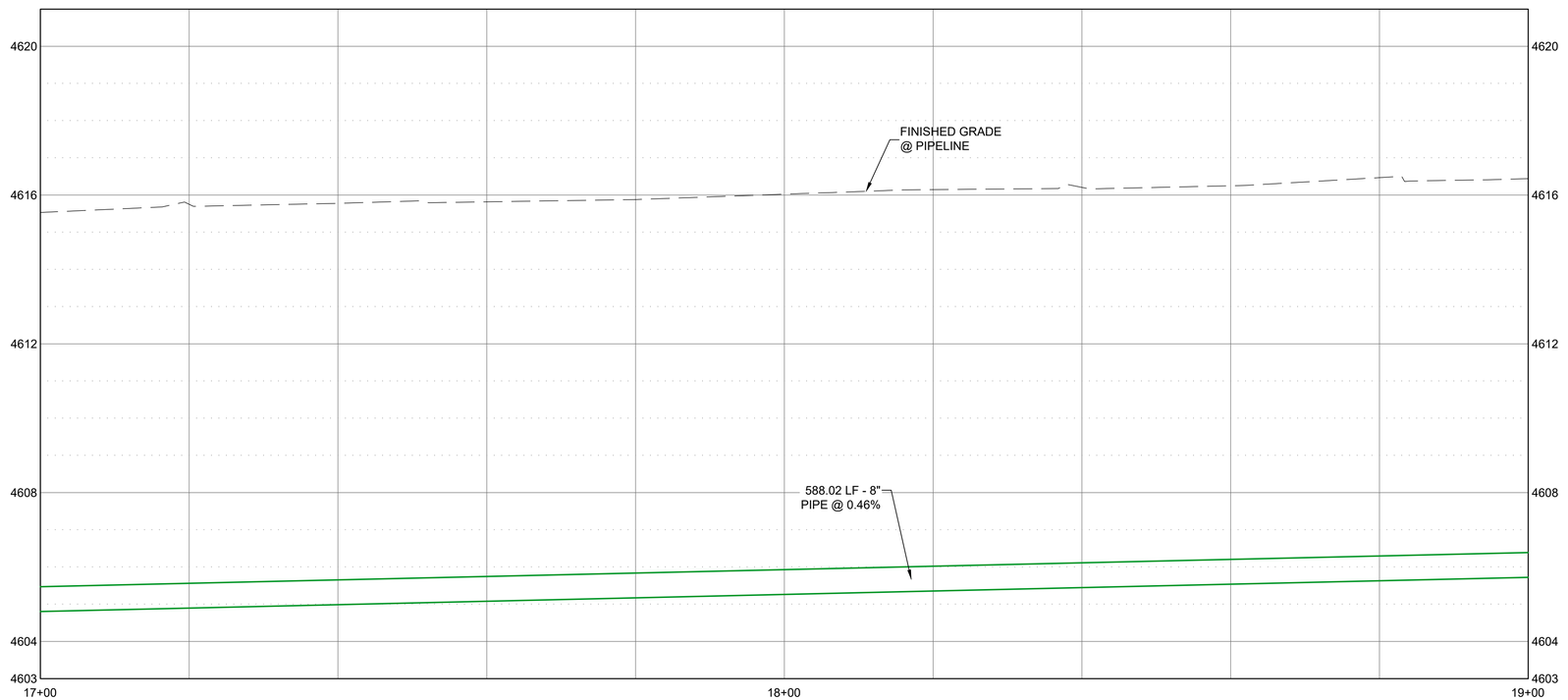
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1-1/2 Inches

PROJECT NO. 223030-009 | PAGE 14

SHEET NO. C-413

PRINTED: 6/7/2024 8:05 AM
LAST SAVED: 6/7/2024 7:52 AM
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GRAPHIC SCALE
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VERT: 0 2 4

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SHEET KEYNOTES

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36	RECONNECT EXISTING SEWER LATERALS TO NEW 8" SANITARY SEWER LINE, FITTINGS AS REQUIRED

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SPANISH FORK
PRIDE & PROGRESS
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600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

500 N SEWERLINE STA 17+00 TO 19+00

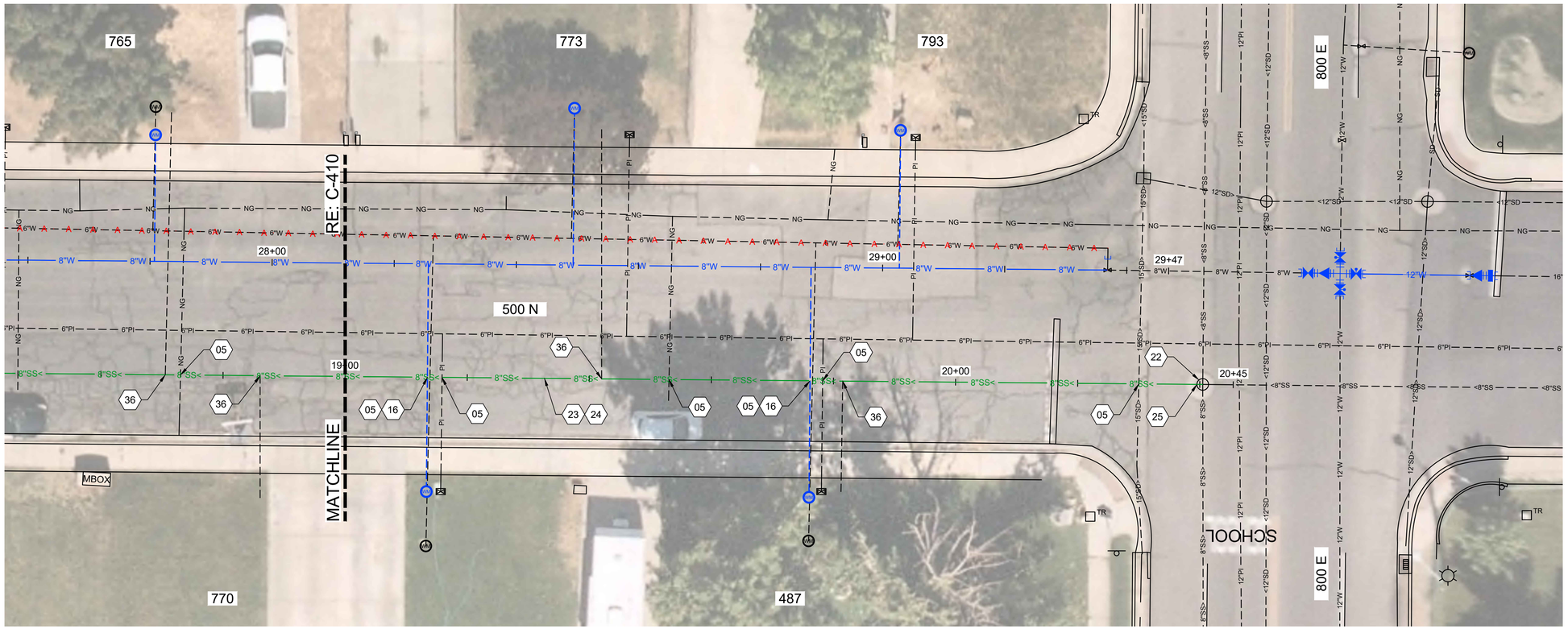
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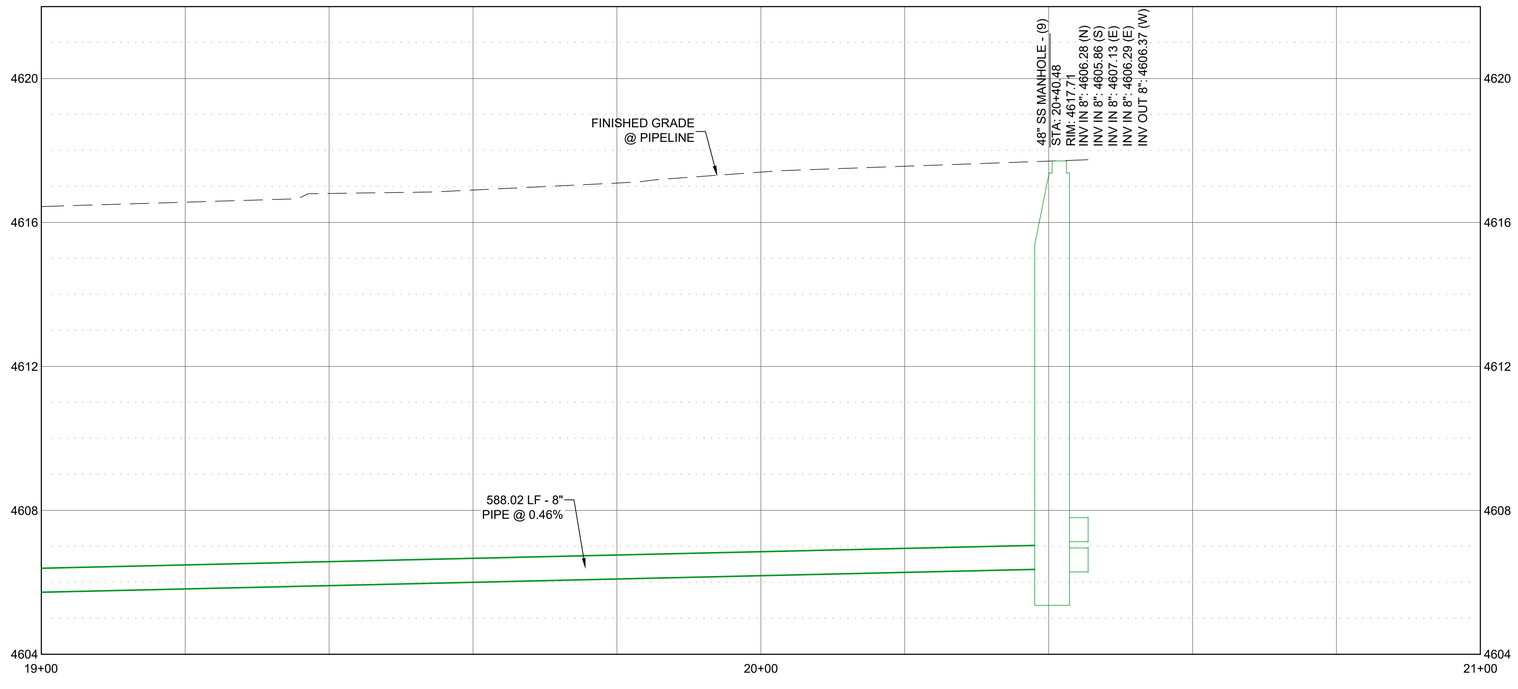
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1-1/2 Inches

PROJECT NO. 223030-009 | PAGE 15

SHEET NO. C-414

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GRAPHIC SCALE
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SPANISH FORK
PRIDE & PROGRESS
EST. 1855

600 EAST & 500 NORTH WATER & SEWER REPLACEMENTS

500 N SEWERLINE STA 19+00 TO END

DRAWN: MPC | CHECK: MHC

VERIFY SCALE: Scales based on 22"x34" prints.
1-1/2 Inches

PROJECT NO. 223030-009 | PAGE 16

SHEET NO. C-415

LAST SAVED: 6/7/2024 7:52 AM PRINTED: 6/7/2024 8:06 AM
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