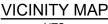
# MATT NIELSON SUBDIVISION CONSTRUCTION DRAWINGS

1/8/2024





Sheet List Table		
Sheet Number	Sheet Title	
C001	COVER	
C002	LEGEND	
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C301	STORMWATER CALCS	
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C401	PLAN & PROFILE	
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C403	PLAN & PROFILE	
C404	PLAN & PROFILE	
C405	PLAN & PROFILE	
C406	PLAN & PROFILE	
C501	DETAILS	
C502	DETAILS	

#### **GENERAL NOTES:**

- 7. ALL EXISTING AND/OR PROPOSED PUBLIC UTILITY SYSTEM AND SERVICE FACILITIES SHALL BE INSTALLED UNDERGROUND IN ACCORDANCE WITH THE SMITHFIELD 🖼
- 8. PRIOR TO ANY DISTURBANCE TO THE SITE, EXCLUDING UNLITY MARK-OUTS AND SURVEYING, THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR A
- 9. DEVIATIONS FROM THESE SIGNED PLANS WILL NOT BE ALLOWED UNLESS A CONSTRUCTION CHANGE IS APPROVED BY THE CITY ENGINEER OR THE CHANGE IS REQUIRED

#### STANDARD DRAWINGS & SPECIFICATIONS:

- 1. HYRUM CITY CORPORATION DEPARTMENT OF PUBLIC WORKS STANDARDS AND SPECIFICATIONS.
- 2. HYRUM CITY CORPORATION DEPARTMENT OF PUBLIC WORKS STANDARD CONSTRUCTION DRAWINGS.
- 3. STORM WATER SPECIFICATIONS ARE PER THE EPA NATIONAL MENU OF STORMWATER BEST MANAGEMENT PRACTICES UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) AND THE UTAH DEPARTMENT OF WATER QUALITY STORMWATER MANAGMENT PROGRAM.
- 4. THE SPECIFICATIONS MENTIONED IN ITEMS ONE AND TWO SHALL SUPERSEDE ANY CONFLICTING SPECIFICATIONS CONTAINED WITHIN THESE PLANS.

HYURM CTY ENGINEERING DEPARTMENT APPROVAL

THE IMPROVEMENT FOR THIS SUBDIVISION HAVE BEEN REVIEWED BY THE CITY ENGINEER FOR GENERAL CONFORMANCE WITH THE REQUIREMENTS OF THE CITY SUBDIVISION ORDINANCE. THIS SET OF CITY-APPROVED DRAWINGS SHALL BE USED FOR CONSTRUCTION OF THE REQUIRED SUBDIVISION IMPROVEMENTS. THE DEVELOPER'S ENGINEER, WHOSE STAMP IS ON THESE DRAWINGS, IS RESPONSIBLE FOR THE ENGINEERING DESIGN, DRAFTING, AND RELATED FIELD INFORMATION. THE CONSTRUCTION CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE; FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATION OF HIS OR HER WORK WITH THAT OF ALL OTHER TRADES; AND THE SATISFACTORY PERFORMANCES OF HIS OR HER WORK.

#### PROJECT CONTACTS

498 WEST 100 SOUTH PROVIDENCE, UT 84332 MTAYLOR@CSG.WORK P. 435.890.4498

SURVEYOR

498 WEST 100 SOUTH KEVIN@CSG.WORK P. 435.512.4559

4. HYRUM CITY ENGINEER

MATTHEW HOLMES 60 WEST MAIN HYRUM CITY, UT 84319 E: MHOLMES@HYRUMCITY.ORG

TOM COOPER P. 801.921.9841 ROCKY MOUNTAIN POWER: BUILDER'S HOTLINE

1.800.469.3981 ROCKEYMOUNTAINPOWER.NET UTAH STORM WATER PERMIT:

UTAH DEPARMENT OF WATER QUALITY P.O. BOX 144870 SALT LAKE CITY, UTAH 84114-4870

8. DOMINION ENERGY:

CRISTI FIEDEL LOGAN, UT 84321 P. 435.752.7751

DEVELOPER

E: MATTRNIELSON@YAHOO.COM P: 435.757.3070 2. CIVIL ENGINEER:

PROVIDENCE, UT 84332

P. 435.999.8391 5. HYRUM CITY LIGHT AND POWER:

HAS RELOCATION OF THEIR POLES BEEN COORDINATED?

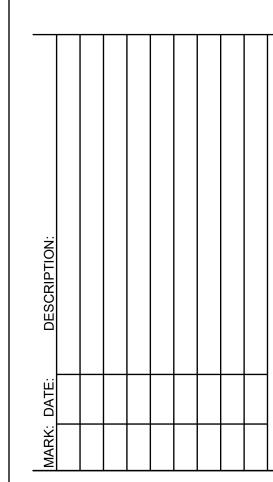
P. 801.538.6146 http://www.waterquality.utah.gov/UPDES/stormwater.htm

895 WEST 800 NORTH

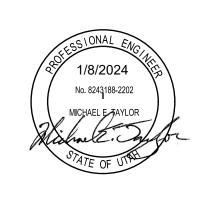
**BLUE STAKES OF UTAH** UTILITY NOTIFICATION CENTER, INC. www.bluestakes.org 1-800-662-4111

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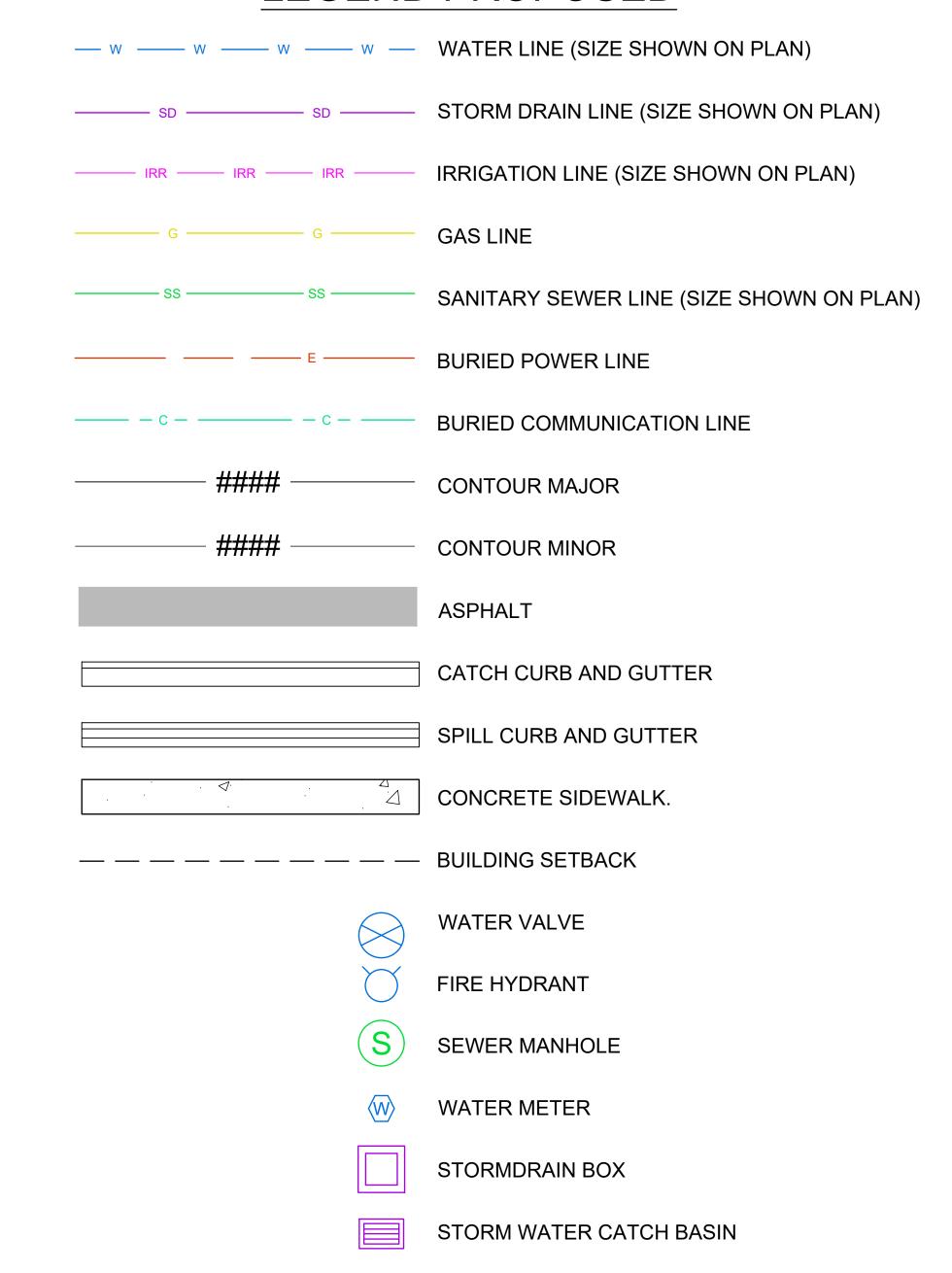
PROJECT #: 23-321 L. WESTON DRAWN BY: PROJECT MANAGER: M. TAYLOR



# LEGEND EXISTING

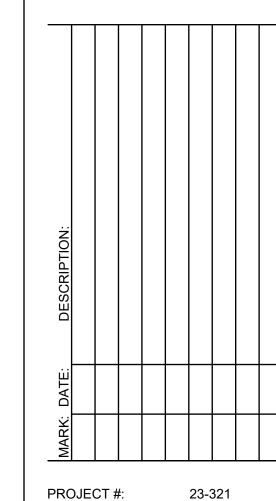
	PROPERTY BOUNDARY
sd sd	STORM DRAIN LINE
w	WATER LINE
ir	IRRIGATION LINE
g g	GAS LINE
ss	SEWER LINE
e	BURIED POWER LINE
e e	AERIAL POWER LINE
——————————————————————————————————————	COMMUNICATION LINE
####	CONTOUR MINOR
####	CONTOUR MAJOR
	ASPHALT
	OPEN FACE CURB AND GUTTER
xx	FENCE
	CONCRETE
	CONCRETE  EXISTING TO BE REMOVED
	EXISTING TO BE REMOVED
	EXISTING TO BE REMOVED WATER VALVE
	EXISTING TO BE REMOVED  WATER VALVE  FIRE HYDRANT

# LEGEND PROPOSED





ciuilsolutionsgroup<sub>inc.</sub>



PROJECT #: L. WESTON DRAWN BY: PROJECT MANAGER: M. TAYLOR

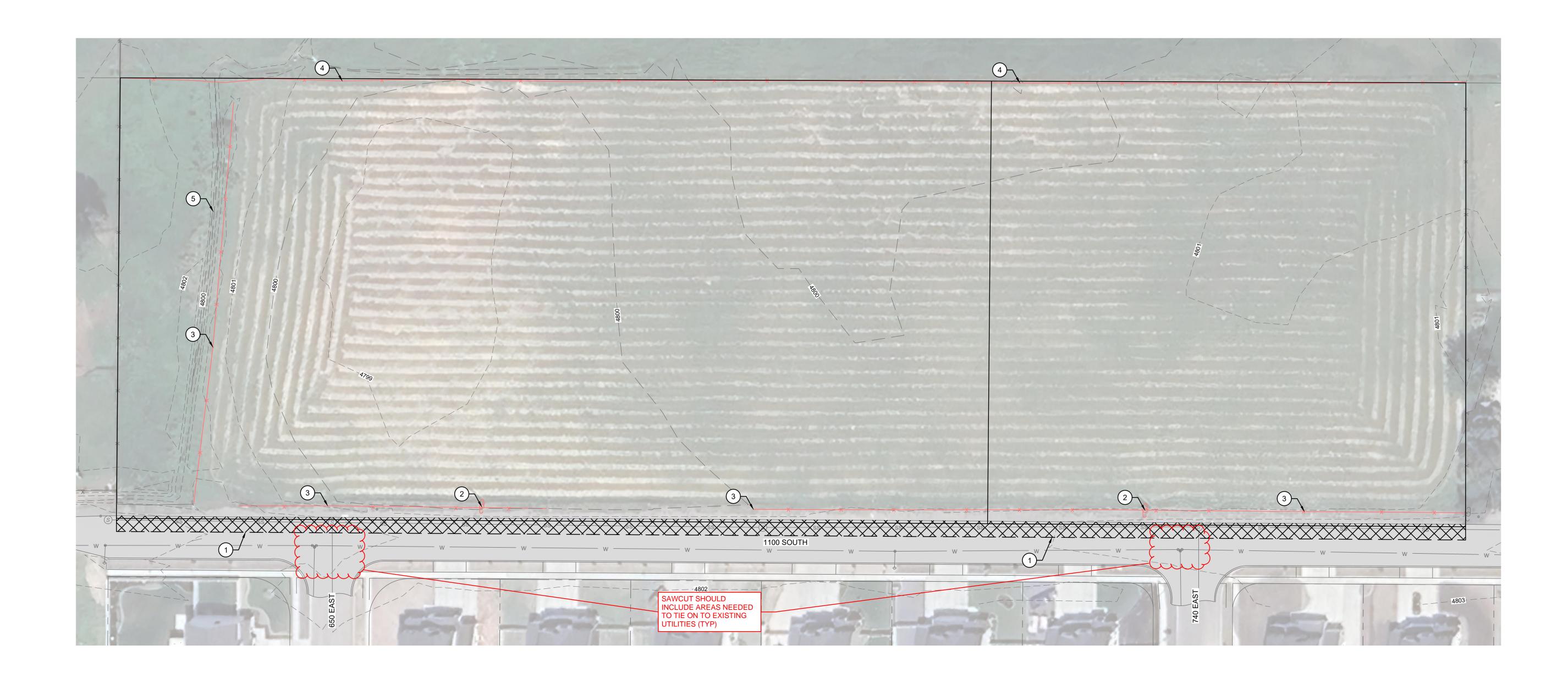


LEGEND

C002

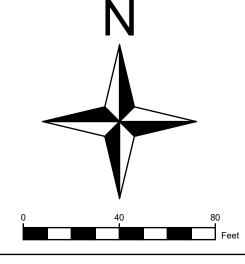
Know what's **below**. Call 811 before you dig. **BLUE STAKES OF UTAH** UTILITY NOTIFICATION CENTER, INC. www.bluestakes.org 1-800-662-4111

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1 DEMOLITION PLAN SHEET KEY NOTES: ALL ITEMS CALLED OUT TO BE REMOVED SHALL BE DISPOSED OF IN AN APPROPRIATE MANNER AND LOCATION:

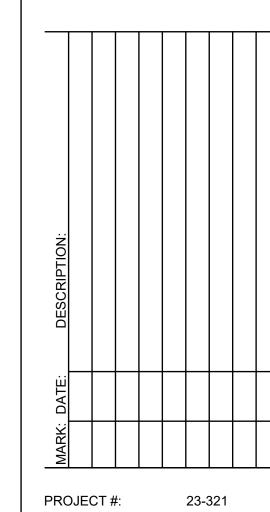
- SAWCUT & REMOVE ASPHALT PAVEMENT RELOCATE POWER POLE & LINE. COORDINATE WITH UTILITY OWNER. REMOVE FENCE LINE.
- RELOCATE FENCE LINE.
- 5. RELOCATE DITCH TO EASEMENT (SEE SHEET C400) IT WOULD BE BEST TO NOTE THAT THIS DITCH IS TO BE KEPT OPEN AND FUNCTIONING UNTIL THE NEW PIPE IS INSTALLED TO THE SATISFACTION OF THE CANAL COMPANY.





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solutionsgroupme



L. WESTON DRAWN BY: PROJECT MANAGER: M. TAYLOR

ISSUED:



**DEMOLITION PLAN** 

#### GENERAL NOTES:

- 1. CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND CONTACT ENGINEER IF DIFFERENT FROM LOCATIONS DISPLAYED ON THESE
- MINIMUM 18" OF VERTICAL SEPARATION REQUIRED BETWEEN WATER MAIN AND SEWER MAIN WHERE LINES INTERSECT.
- MINIMUM OF 10' FROM OUTSIDE-OF-PIPE TO OUTSIDE-OF-PIPE REQUIRED
   BETWEEN CULINARY WATER LINE AND ALL OTHER WET UTILITIES.

  ALL SEWER INDICATION STORM PRAIN AND CHILINARY WATER LINES SHALL

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   ALL CULINARY WATER AND IRRIGATION LINES SHALL BE AWWA C900 DR18.
- ALL WATER MAINS SHALL BE INSTALLED WITH A MINIMUM OF 5' OF COVER.

  6. ALL SEWER AND WATER SERVICES SHALL BE 5.5' OFFSET FROM SIDE
- PROPERTY BOUNDARY. PROVIDE 11-FT HORIZONTAL SEPARATION BETWEEN CENTERLINES OF WATER & SEWER.
- 7. ALL WATER SERVICES SHALL BE INSTALLED PER STANDARD DETAIL 2 ON SHEET C-502.
- 8. ALL SEWER SERVICES SHALL BE INSTALLED PER STANDARD DETAIL 5 ON SHEET C-502.
  9. ALL SEWER LINES SHALL BE CONSTRUCTED OF PVC SDR-35
- MATERIAL.

  10. ALL SEWER MANHOLES SHALL BE INSTALLED PER STANDARD DETAIL 4 ON
- SHEET C-502.

  11. SEWER CONNECTIONS TO SEWER MANHOLES SHALL BE GROUTED USING
- NON-SHRINK GROUT.

  12. CONTRACTOR SHALL PLACE CONCRETE THRUST BLOCKS ON ALL TEES, WYES, BENDS, ANGLES, ETC ON ALL WATER AND IRRIGATION LINES AS
- SHOWN IN DETAIL 07 ON SHEET C-502.

  13. POWER CONTRACTOR SHALL COORDINATE WITH OWNER AND ROCKY MOUNTAIN POWER TO DETERMINE PRECISE LOCATION AND LAYOUT OF
- RESPONSIBLE TO TRENCH, BED, INSTALL AND FILL IN THE POWER TRENCH AND PROVIDE THE REQUIRED PVC SCHEDULE 40 CONDUIT.

  14. TELEPHONE AND CABLE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES FOR LOCATION OF CONDUIT CROSSINGS AND SHALL INSTALL ALL CONDUITS

POWER LINES THROUGH DEVELOPMENT. CONTRACTOR SHALL BE

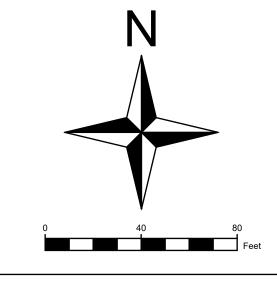
- ALL CONDUITS.

  15. GAS CONTRACTOR SHALL COORDINATE INSTALLATION OF GAS WITH
- 16. CONTRACTOR SHALL INSTALL WIRING JUNCTION FOR STREET LIGHTS AT LOCATIONS PER CITY REQUIREMENTS AND ROCKY MOUNTAIN POWER. STREET LIGHTS SHALL BE INSTALLED BY ROCKY MOUNTAIN POWER AND HYRIM CITY
- 17. CONTRACTOR SHALL NOT EXCAVATE ROAD SIDE SWALES UNTIL ALL UTILITIES HAVE BEEN INSTALLED.

HYRUM POWER IS TO PROVIDE POWER TO THIS DEVELOPMENT.

ROCKY MOUNTAIN WILL NEED TO

BE COORDINATED WITH TO
RELOCATE OR UNDERGROUND
THE EXISTING DISTRIBUTION LINE.





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MATT NIELSON SUBDIVISION
700 EAST 1100 SOUTH

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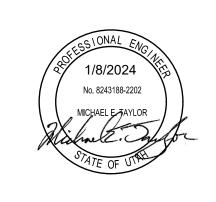
MARK: DATE: DESCRIPTION:

PROJECT #: 23-321

DRAWN BY: L. WESTON

PROJECT MANAGER: M. TAYLOR

ISSUED: 1/8/2024



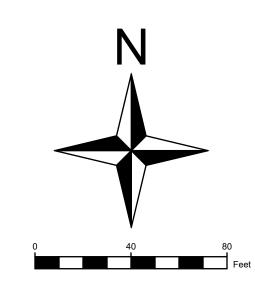
SITE OVERVIEW



**GRADING LEGEND:** 

LP = LOW POINT HP = HIGH POINT

GRADE BREAK FLOW DIRECTION



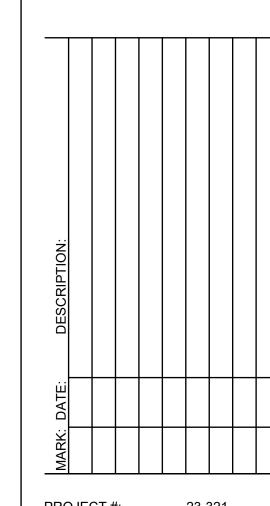


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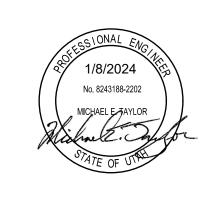
SUBDIVISION

solutionsgroup<sub>inc.</sub>

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PROJECT #: 23-321 DRAWN BY: L. WESTON PROJECT MANAGER: M. TAYLOR ISSUED:

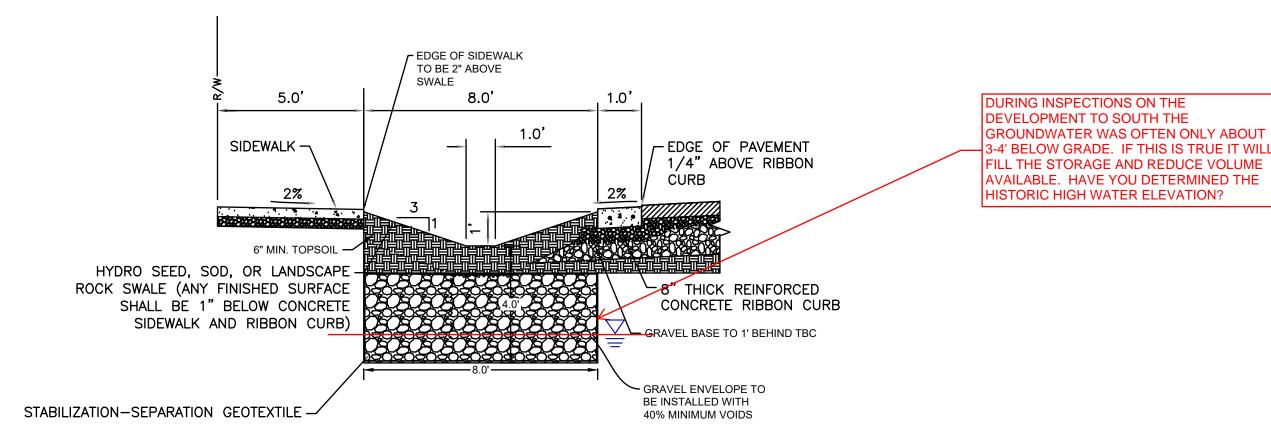


GRADING OVERVIEW

WITH A ROUGH MEASUREMENT I GOT 2690 FOR SWALES, IF 2320 IS CALCULATED FOR MINUS DRIVEWAYS, THEN THAT ONLY LEAVES 360 FEET FOR 17 DRIVEWAYS. THIS IS A 20 FOOT DRIVEWAY. NEED TO INCLUDE MAXIMUM DRIVEWAY WIDTH ON THE PLAT. ANY ADDITIONAL WIDTH TO THE DRIVEWAYS WILL RESULT IN LOSS OF STORAGE. ALSO WILL THE GRAVEL ENVELOPE CONTINUE UNDER THE DRIVEWAYS? DRIVEWAYS WILL NEED TO BE FLAT TO RETAIN MAXIMUM STORAGE. CHECK DAMS WILL NEED TO BE PROVIDED AT TRACT BOUNDARIES WHERE EXISTING GROUND WILL NOT BE HIGH ENOUGH TO KEEP WATER IN THE SWALES.

## STORMWATER NOTES:

- STORM WATER DESIGN CONFORMS TO HYRUM CITY STORM WATER STANDARDS
- SITE HAS BEEN DESIGNED TO RETAIN CACHE COUNTY 100 YEAR, 24 HOUR STORM (3.02 IN)
- 3. ALL STORMWATER IS TO BE RETAINED IN ROADSIDE SWALES
- 4. SWALE ABOVE GROUND STORAGE PER LINEAR FOOT: 5 SF CF
- 5. TOTAL SWALE LENGTH (MINUS DRIVEWAYS AND ADA RAMPS): 2,320 LF
- 6. PROVIDED ABOVE GROUND STORAGE (IN SWALES):
- 6.1. TOTAL LENGTH OF SWALES \* CROSS SECTIONAL AREA = 2,320 LF \* 5 SF = **11,600 CF**
- 7. TOTAL BELOW GROUND STORAGE (GRAVEL ENVELOPE BELOW SWALES):
- 7.1. 2,320 LF \* 8' (WIDTH) \* 4' (DEPTH) \* 0.4 (40% VOID) = **29,696 CF**
- 8. TOTAL PROVIDED STORAGE: 11,600 CF + 29,696 CF = **41,296 CF**
- 9. TOTAL REQUIRED STORAGE: 40,868 CF



ROADSIDE SWALE DETAIL



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Ciuilsolutionsgroupinc.

CACHE VALLEY | P: 435.213.3762
SALT LAKE | P: 801.216.3192
UTAH VALLEY | P: 801.874.1432
info@civilsolutionsgroup.net

MATT NIELSON SUBDIVISION 700 EAST 1100 SOUTH HYRUM, UT 84319

PROJECT #: 23-321

PROJECT #: 23-321

DRAWN BY: L. WESTON

PROJECT MANAGER: M. TAYLOR

ISSUED: 1/8/20



STORMWATER CALCS

C301

- DESIGNING OUR FUTURE -

#### GENERAL NOTES:

- 1. CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND CONTACT ENGINEER IF DIFFERENT FROM LOCATIONS DISPLAYED ON THESE
- 2. MINIMUM 18" OF VERTICAL SEPARATION REQUIRED BETWEEN WATER MAIN AND SEWER MAIN WHERE LINES INTERSECT.
- 3. MINIMUM OF 10' FROM OUTSIDE-OF-PIPE TO OUTSIDE-OF-PIPE REQUIRED BETWEEN CULINARY WATER LINE AND ALL OTHER WET UTILITIES.
- 4. ALL SEWER, IRRIGATION, STORM DRAIN AND CULINARY WATER LINES SHALL
- BE INSTALLED PER UTILITY TRENCHING DETAIL FOUND IN STANDARD DRAWING 01 ON SHEET C-502. 5. ALL CULINARY WATER AND IRRIGATION LINES SHALL BE AWWA C900 DR18.
- ALL WATER MAINS SHALL BE INSTALLED WITH A MINIMUM OF 5' OF COVER.
- 6. ALL SEWER AND WATER SERVICES SHALL BE 5.5' OFFSET FROM SIDE PROPERTY BOUNDARY. PROVIDE 11-FT HORIZONTAL SEPARATION BETWEEN CENTERLINES OF WATER & SEWER.
- 7. ALL WATER SERVICES SHALL BE INSTALLED PER STANDARD DETAIL 2 ON SHEET C-502.
- 8. ALL SEWER SERVICES SHALL BE INSTALLED PER STANDARD DETAIL 5 ON
- 9. ALL SEWER LINES SHALL BE CONSTRUCTED OF PVC SDR-35
- 10. ALL SEWER MANHOLES SHALL BE INSTALLED PER STANDARD DETAIL 4 ON SHEET C-502.
- 11. SEWER CONNECTIONS TO SEWER MANHOLES SHALL BE GROUTED USING NON-SHRINK GROUT. 12. CONTRACTOR SHALL PLACE CONCRETE THRUST BLOCKS ON ALL TEES,
- WYES, BENDS, ANGLES, ETC ON ALL WATER AND IRRIGATION LINES AS SHOWN IN DETAIL 07 ON SHEET C-502.
- 13. POWER CONTRACTOR SHALL COORDINATE WITH OWNER AND ROCKY MOUNTAIN POWER TO DETERMINE PRECISE LOCATION AND LAYOUT OF POWER LINES THROUGH DEVELOPMENT. CONTRACTOR SHALL BE
- RESPONSIBLE TO TRENCH, BED, INSTALL AND FILL IN THE POWER TRENCH AND PROVIDE THE REQUIRED PVC SCHEDULE 40 CONDUIT. 14. TELEPHONE AND CABLE - CONTRACTOR SHALL COORDINATE WITH UTILITY
- COMPANIES FOR LOCATION OF CONDUIT CROSSINGS AND SHALL INSTALL ALL CONDUITS. 15. GAS - CONTRACTOR SHALL COORDINATE INSTALLATION OF GAS WITH
- DOMINION ENERGY. 16. CONTRACTOR SHALL INSTALL WIRING JUNCTION FOR STREET LIGHTS AT LOCATIONS PER CITY REQUIREMENTS AND ROCKY MOUNTAIN POWER. STREET LIGHTS SHALL BE INSTALLED BY ROCKY MOUNTAIN POWER AND
- 17. CONTRACTOR SHALL NOT EXCAVATE ROAD SIDE SWALES UNTIL ALL UTILITIES HAVE BEEN INSTALLED.

ROCKY MOUNTAIN OR HYRUM AS APPROPRIATE (TYP) STREET LIGHTS ARE ONLY

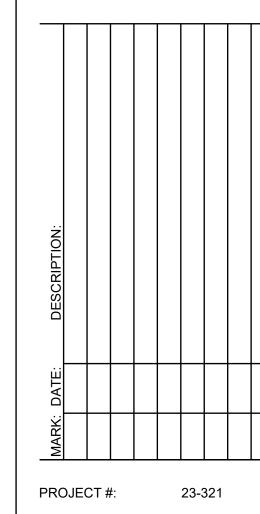


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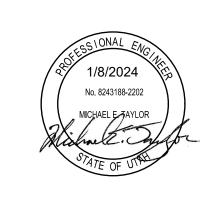
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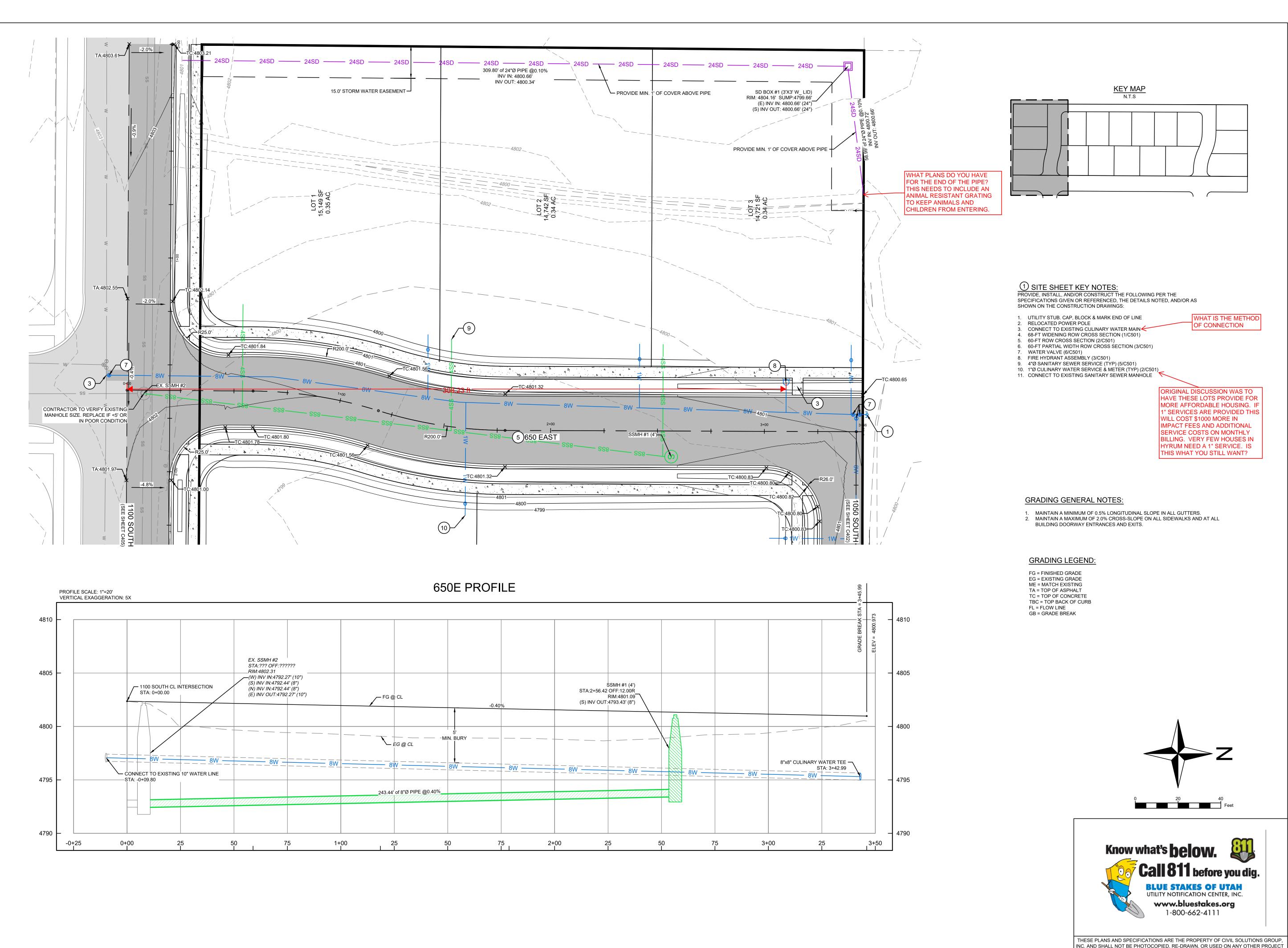


L. WESTON DRAWN BY: PROJECT MANAGER: M. TAYLOR ISSUED:



SHEET

DESIGNING OUR FUTURE —



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1432

Ciuil Solutionsgroup.net

ATT NIELSON SUBDIVISION EAST 1100 SOUTH RUM, UT 84319

MATT NIEL
700 EAST 1100 \$
HYRUM, UT 843

MARK: DATE: DESCRIPTION:

PROJECT #: 23-321

DRAWN BY: L. WESTON

PROJECT MANAGER: M. TAYLOR

ISSUED: 1/8/2024



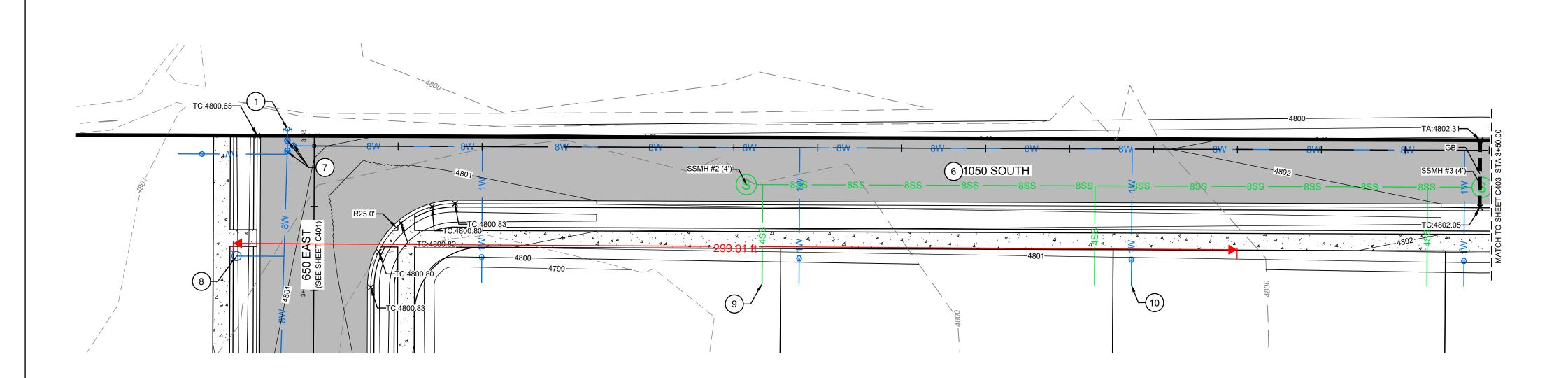
PLAN & PROFILE

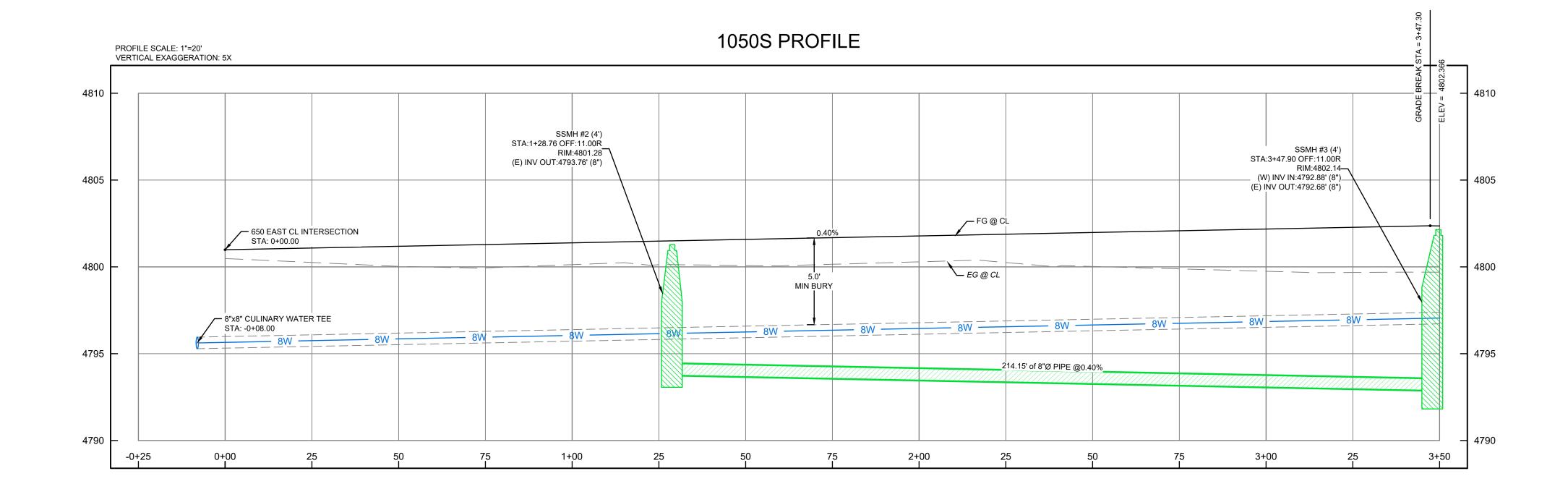
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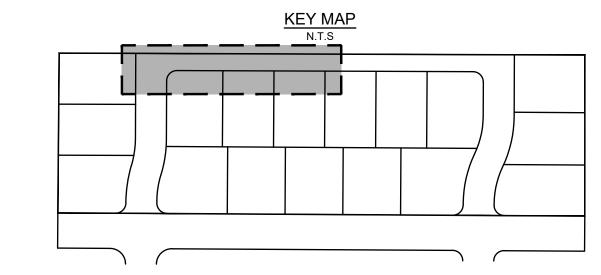
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DESIGNING OUR FUTURE —







OSITE SHEET KEY NOTES:
PROVIDE, INSTALL, AND/OR CONSTRUCT THE FOLLOWING PER THE
SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS
SHOWN ON THE CONSTRUCTION DRAWINGS:

- 1. UTILITY STUB. CAP, BLOCK & MARK END OF LINE
- RELOCATED POWER POLE
   CONNECT TO EXISTING CULINARY WATER MAIN
- 4. 68-FT WIDENING ROW CROSS SECTION (1/C501) 60-FT ROW CROSS SECTION (2/C501)
- 6. 60-FT PARTIAL WIDTH ROW CROSS SECTION (3/C501) 7. WATER VALVE (6/C501)
  8. FIRE HYDRANT ASSEMBLY (3/C501)
- 9. 4"Ø SANITARY SEWER SERVICE (TYP) (5/C501)
- 10. 1"Ø CULINARY WATER SERVICE & METER (TYP) (2/C501)
  11. CONNECT TO EXISTING SANITARY SEWER MANHOLE

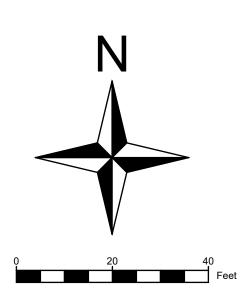
#### **GRADING GENERAL NOTES:**

 MAINTAIN A MINIMUM OF 0.5% LONGITUDINAL SLOPE IN ALL GUTTERS.
 MAINTAIN A MAXIMUM OF 2.0% CROSS-SLOPE ON ALL SIDEWALKS AND AT ALL BUILDING DOORWAY ENTRANCES AND EXITS.

#### **GRADING LEGEND:**

FG = FINISHED GRADE EG = EXISTING GRADE ME = MATCH EXISTING TA = TOP OF ASPHALT
TC = TOP OF CONCRETE TBC = TOP BACK OF CURB FL = FLOW LINE

GB = GRADE BREAK





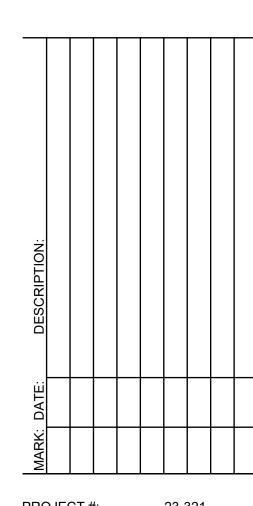
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PROJECT #: 23-321 L. WESTON DRAWN BY: PROJECT MANAGER: M. TAYLOR

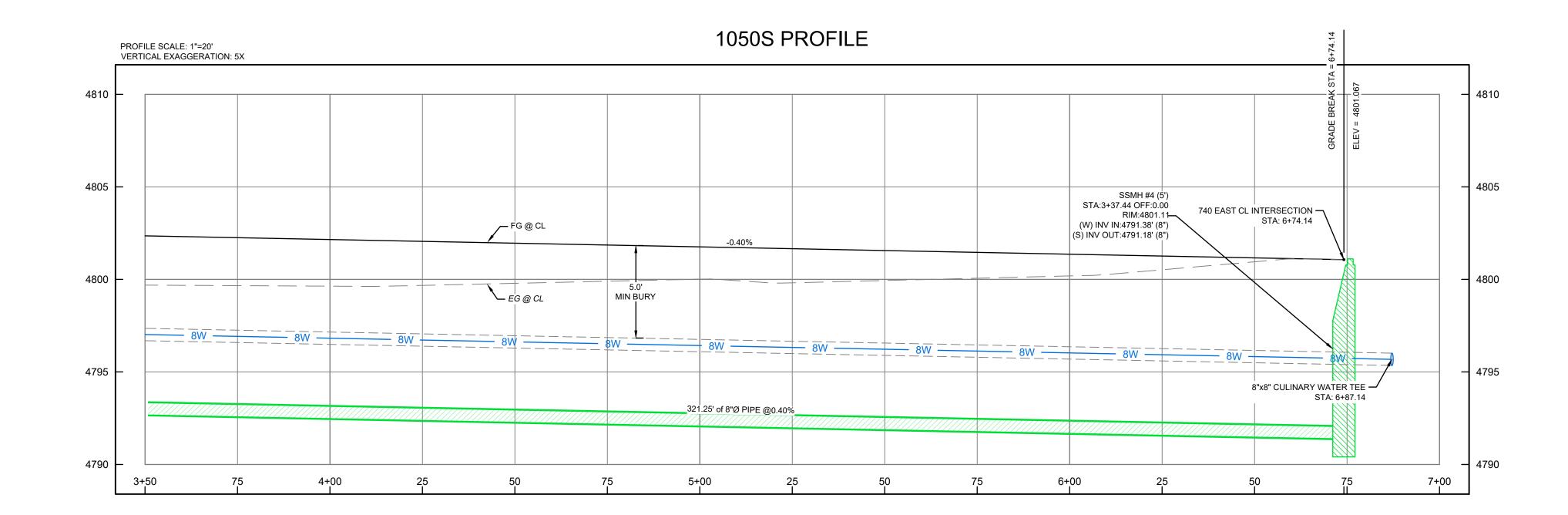
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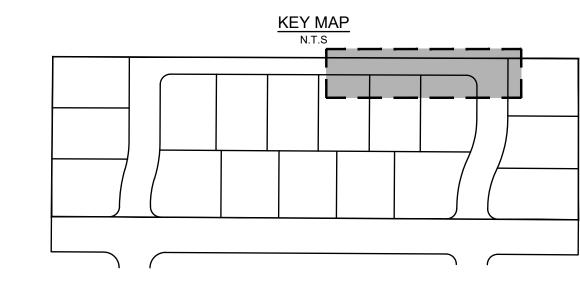


PLAN & PROFILE

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1 SITE SHEET KEY NOTES:
PROVIDE, INSTALL, AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

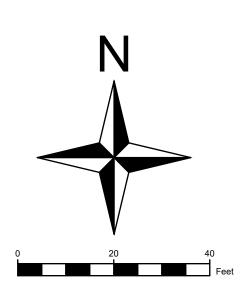
- UTILITY STUB. CAP, BLOCK & MARK END OF LINE
   RELOCATED POWER POLE
- CONNECT TO EXISTING CULINARY WATER MAIN
- 68-FT WIDENING ROW CROSS SECTION (1/C501) 60-FT ROW CROSS SECTION (2/C501)
- 60-FT PARTIAL WIDTH ROW CROSS SECTION (3/C501)
- WATER VALVE (6/C501)
- 8. FIRE HYDRANT ASSEMBLY (3/C501)
  9. 4"Ø SANITARY SEWER SERVICE (TYP) (5/C501)
- 10. 1"Ø CULINARY WATER SERVICE & METER (TYP) (2/C501) 11. CONNECT TO EXISTING SANITARY SEWER MANHOLE

## **GRADING GENERAL NOTES:**

1. MAINTAIN A MINIMUM OF 0.5% LONGITUDINAL SLOPE IN ALL GUTTERS. 2. MAINTAIN A MAXIMUM OF 2.0% CROSS-SLOPE ON ALL SIDEWALKS AND AT ALL BUILDING DOORWAY ENTRANCES AND EXITS.

#### **GRADING LEGEND:**

FG = FINISHED GRADE EG = EXISTING GRADE ME = MATCH EXISTING TA = TOP OF ASPHALT TC = TOP OF CONCRETE TBC = TOP BACK OF CURB FL = FLOW LINE GB = GRADE BREAK





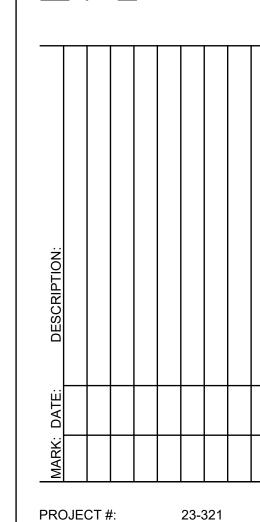
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**UBDIVISION** 

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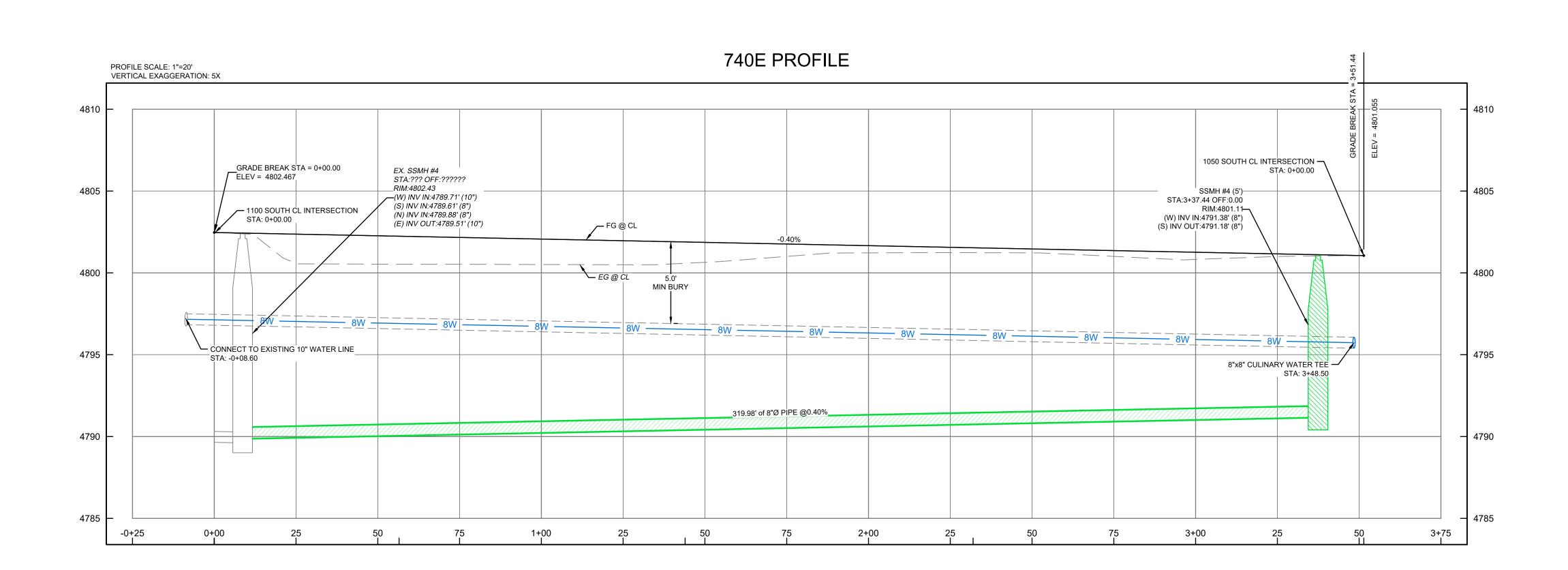
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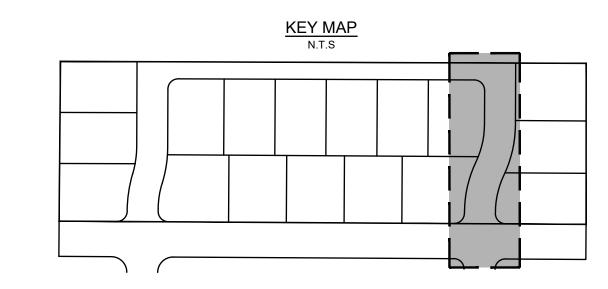


L. WESTON DRAWN BY: PROJECT MANAGER: M. TAYLOR ISSUED:



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① SITE SHEET KEY NOTES: PROVIDE, INSTALL, AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

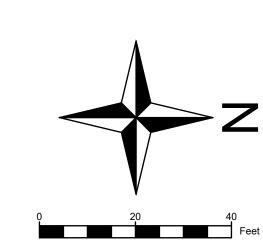
- UTILITY STUB. CAP, BLOCK & MARK END OF LINE
   RELOCATED POWER POLE
- 3. CONNECT TO EXISTING CULINARY WATER MAIN 4. 68-FT WIDENING ROW CROSS SECTION (1/C501)
- 60-FT ROW CROSS SECTION (2/C501)
   60-FT PARTIAL WIDTH ROW CROSS SECTION (3/C501) 7. WATER VALVE (6/C501) 8. FIRE HYDRANT ASSEMBLY (3/C501)
- 9. 4"Ø SANITARY SEWER SERVICE (TYP) (5/C501)
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## GRADING GENERAL NOTES:

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#### **GRADING LEGEND:**

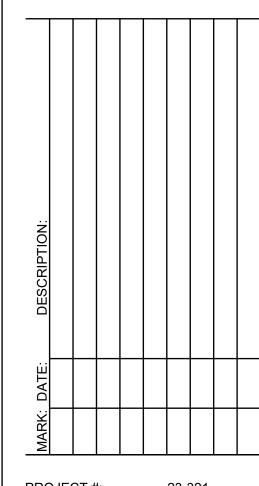
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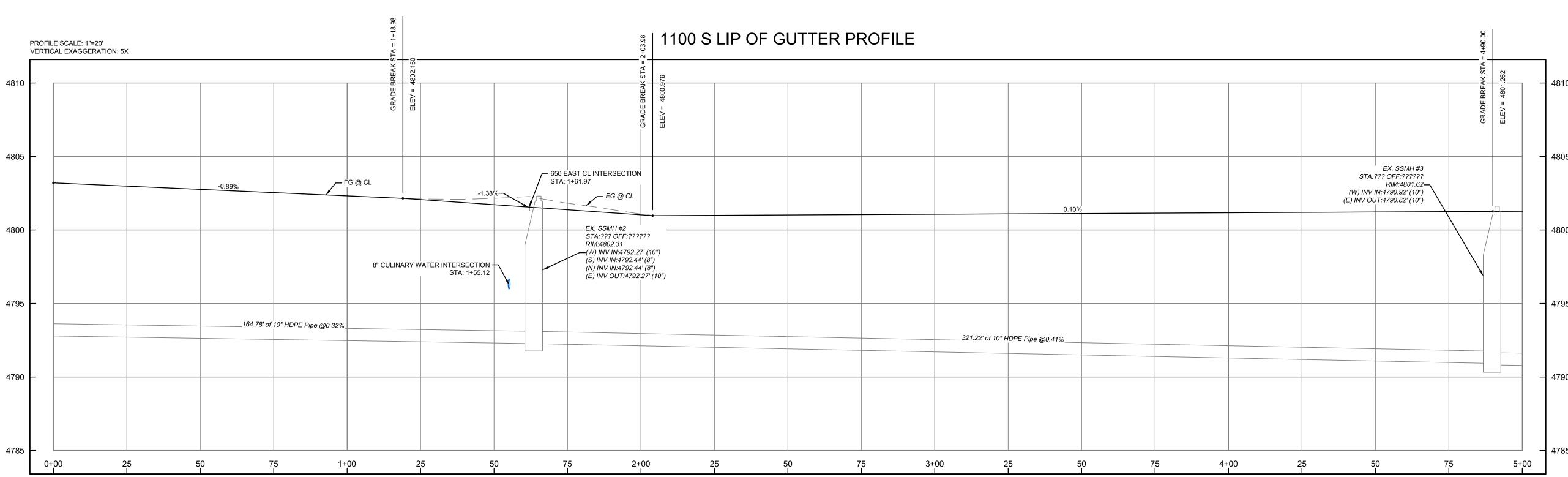
PROJECT #: 23-321 L. WESTON DRAWN BY: PROJECT MANAGER: M. TAYLOR ISSUED:

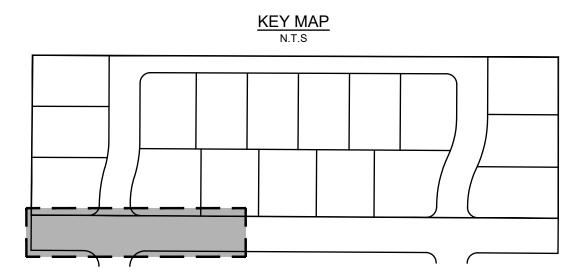


PLAN & PROFILE

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1 SITE SHEET KEY NOTES: PROVIDE, INSTALL, AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

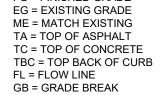
- UTILITY STUB. CAP, BLOCK & MARK END OF LINE
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- 3. CONNECT TO EXISTING CULINARY WATER MAIN 4. 68-FT WIDENING ROW CROSS SECTION (1/C501)
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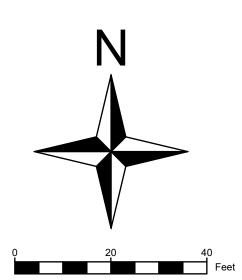
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## **GRADING LEGEND:**

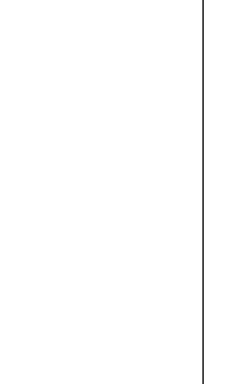
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PROJECT #: 23-321 L. WESTON DRAWN BY: PROJECT MANAGER: M. TAYLOR ISSUED:

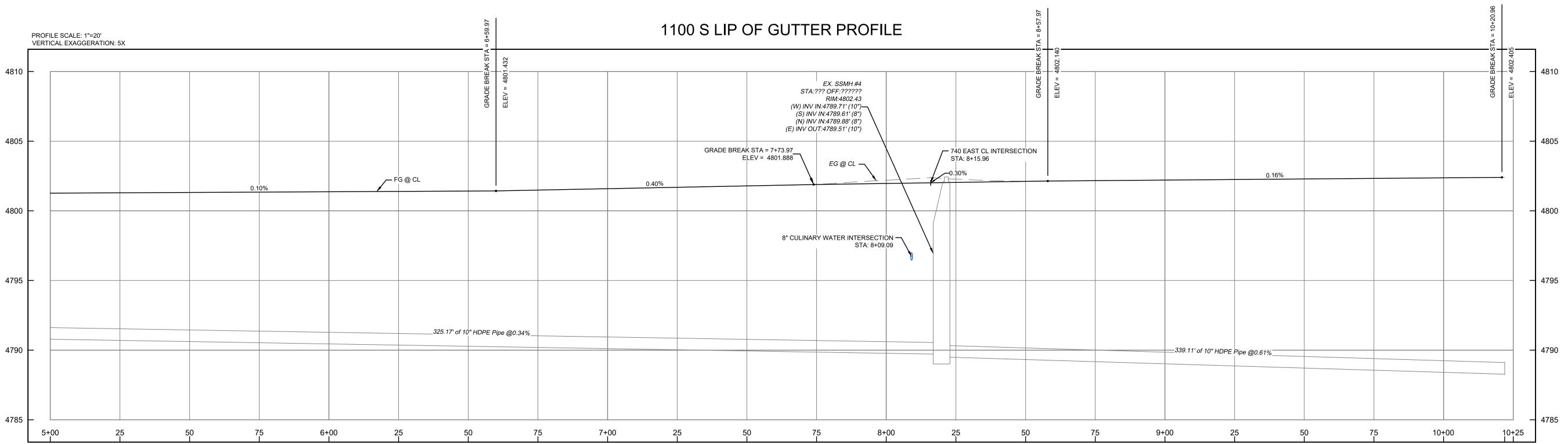


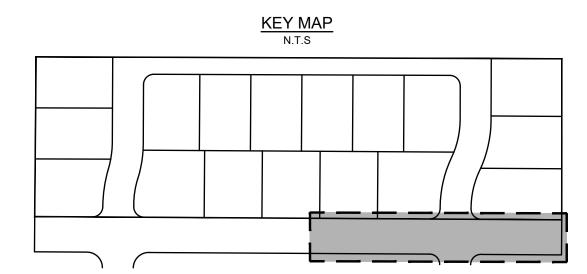
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4790





1 SITE SHEET KEY NOTES:
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1. UTILITY STUB. CAP, BLOCK & MARK END OF LINE 2. RELOCATED POWER POLE

3. CONNECT TO EXISTING CULINARY WATER MAIN

4. 68-FT WIDENING ROW CROSS SECTION (1/C501) 5. 60-FT ROW CROSS SECTION (2/C501)

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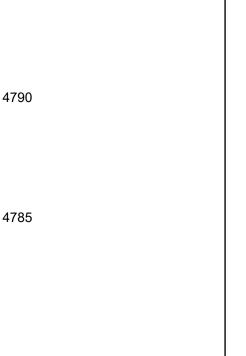
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## Know what's **below**. Call 811 before you dig. **BLUE STAKES OF UTAH** UTILITY NOTIFICATION CENTER, INC. www.bluestakes.org 1-800-662-4111

0 20 40 Feet

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PROJECT #: 23-321 L. WESTON DRAWN BY: PROJECT MANAGER: M. TAYLOR

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SUBDIVISION

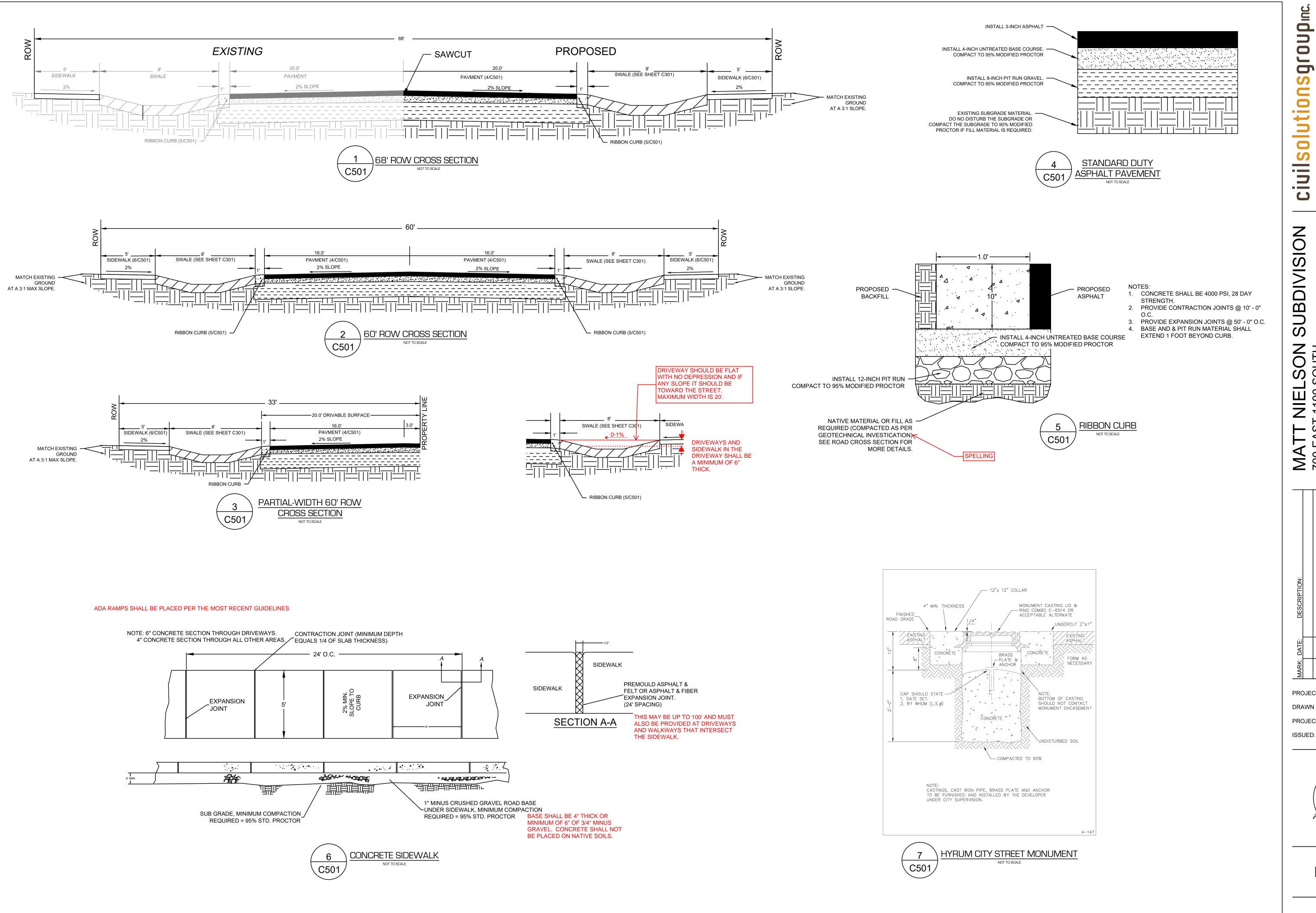
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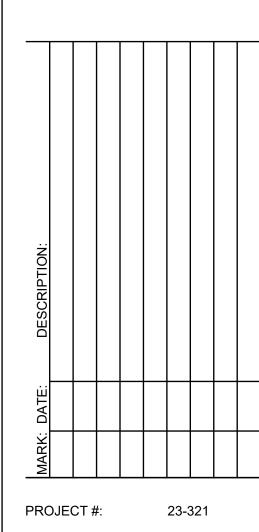
PLAN & PROFILE

C406

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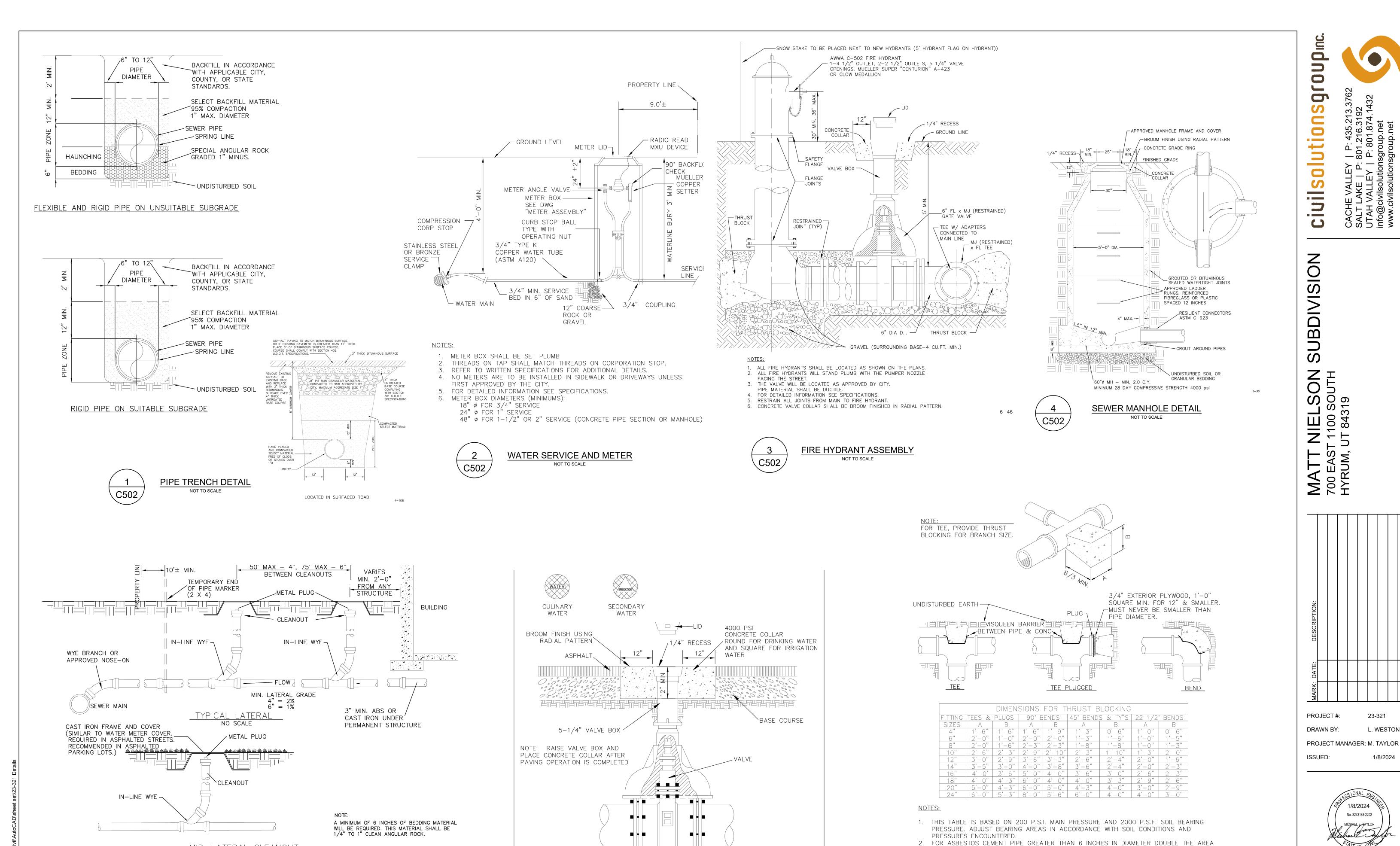
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DRAWN BY: L. WESTON PROJECT MANAGER: M. TAYLOR



**DETAILS** 



S

C502

**DETAILS** 

6 - 42

1/8/2024 No. 8243188-2202

23-321

L. WESTON

GATE VALVE DETAIL

NOT TO SCALE

REV. 1-06

SEWER SERVICE LATERAL

NOT TO SCALE

C502

REQUIRED IN THE TABLE ABOVE.

3. USE VISQUEEN BETWEEN CONCRETE AND PIPE. 4. REFER TO CONCRETE STANDARD SPECIFICATIONS.

C502

5. THE "THRUST BLOCKING DETAILS" IN NO WAY LIMITS THE LOCATION OR SIZE OF ADDITIONAL BLOCKING WHEN SO WARRANTED OR REQUIRED BY THE ENGINEER.

> THRUST BLOCK DETAIL NOT TO SCALE