

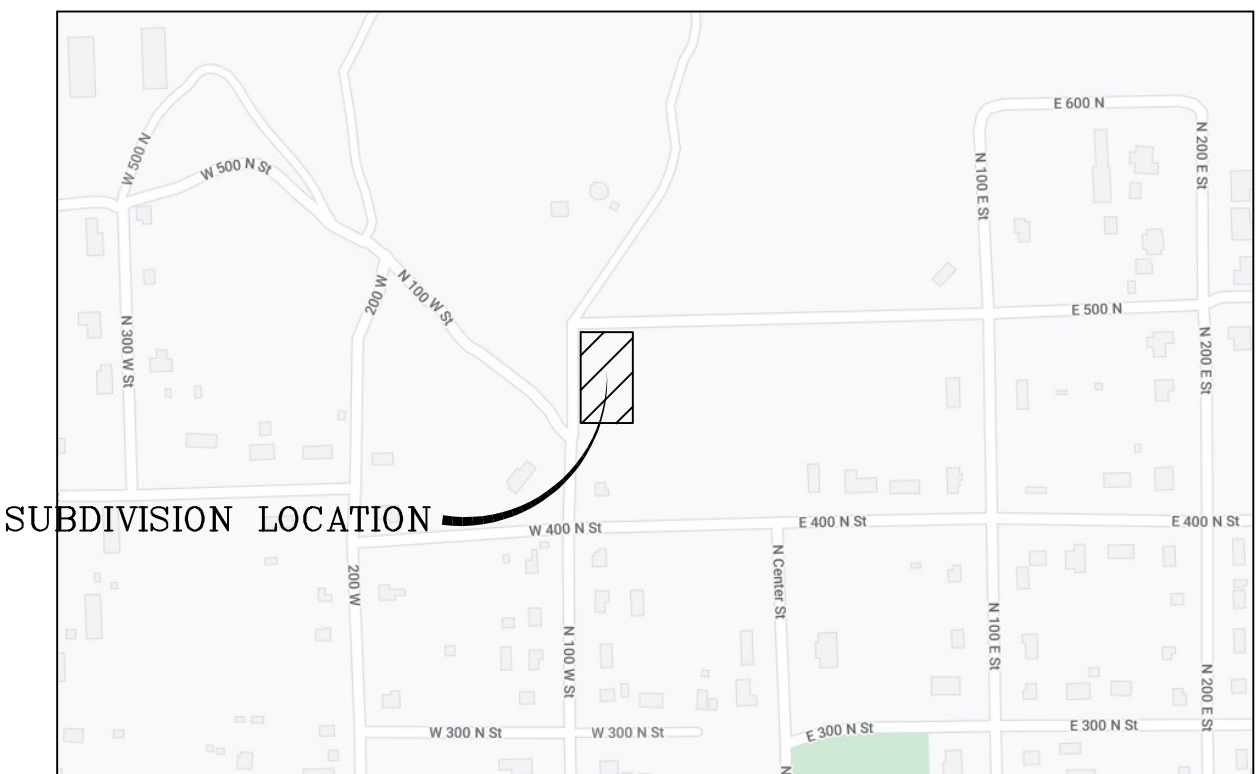
GUTIERREZ ACRES SUBDIVISION

FINAL PLAN SET
NOVEMBER 2022

SHEET #	DESCRIPTION
1	COVER SHEET
2	RECORDABLE PLAT "A"
3	TOPO & UTILITY PLAN
4	GRADING & DRAINAGE PLAN
PP-01	PLAN & PROFILE - 100 WEST STREET- STA. -0+40 TO STA. 5+20
PP-02	PLAN & PROFILE - 500 NORTH STREET - STA. 0+00 TO STA. 4+00
DT-01	DETAILS
DT-02	DETAILS
DT-03	DETAILS

LEGEND

	PROPERTY LINE CENTERLINE PHASE LINE EXISTING SEWER LINE W/MH EXISTING SD LINE EXISTING CULINARY WATERLINE W/VALVE EX. PRESSURIZED IRRIGATION W/VALVE EXISTING FIRE HYDRANT PROPOSED SEWER LINE PROPOSED STORM DRAIN LINE PROPOSED CULINARY WATERLINE PROPOSED FIRE HYDRANT EXISTING CONTOUR PROPOSED CONTOUR EXISTING CURB AND GUTTER PROPOSED CURB AND GUTTER INVERT ELEVATION TOP BACK CURB TOP OF ASPHALT CATCH BASIN FLOW DIRECTION FOR STORM WATER
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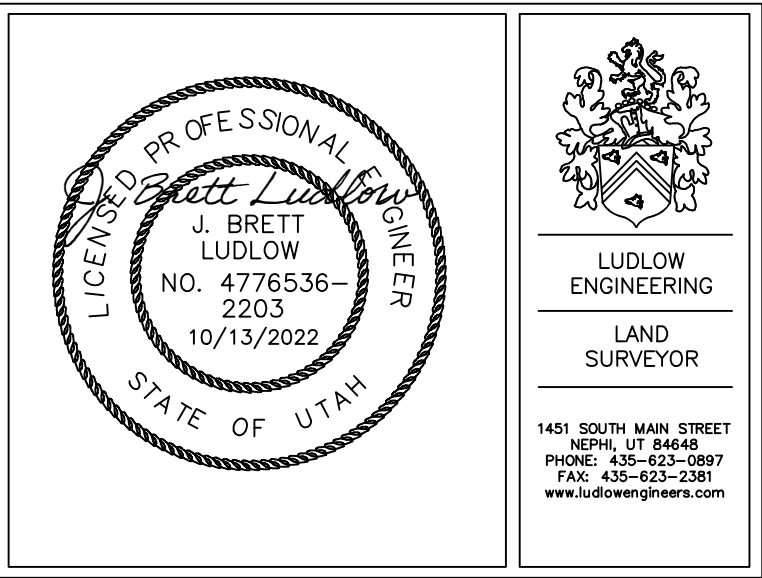


VICINITY MAP
-NTS-

- GENERAL NOTES
- 1) ALL CONSTRUCTION TO MEET APWA STANDARDS AND SPECIFICATIONS.
 - 2) 100 WEST STREET ROW IS 92.40 FEET. 500 NORTH STREET ROW IS 82.50 FEET.
 - 3) ALL SEWER MAINS ARE 8" PVC. (SDR35)
 - 4) ALL WATER CULINARY MAINS ARE 8" PVC (C-900).
 - 5) ALL CULINARY WATER SERVICE CONNECTIONS ARE 1" WITH METERS PLACED AT THE MID-LOT LINE.
WATER METERS WILL NOT BE ALLOWED IN DRIVE APPROACHES.
NO CONNECTIONS ARE PERMITTED BETWEEN THE CORP. STOP AND SETTER.
 - 6) ALL SEWER LATERALS ARE 4" PVC PLACED A MINIMUM OF 10 FEET FROM WATER METERS.
 - 7) STREET LIGHTS TO BE DESIGNED IN ACCORDANCE TO MORONI CITY SPECIFICATIONS.
 - 8) ALL RECOMMENDATIONS MADE IN THE GEOTECHNICAL INVESTIGATION SHALL BE FOLLOWED EXPLOITLY.
 - 9) GAS LINES WILL BE INSTALLED IN THE SAME TRENCH WITH THE WATER LINES.

OWNER/DEVELOPER
JESSICA GUTIERREZ
PHONE: 801-874-0371
EMAIL: jasmin.magana04@gmail.com

ENGINEER/SURVEYOR
LUDLOW ENGINEERING
PHONE: 435-623-0897
EMAIL: brett_ludlow@hotmail.com
ADDRESS: 1451 S Main Street
Nephi, UT 84648



REVISIONS

1.	_____	4.	_____
2.	_____	5.	_____
3.	_____	6.	_____

PROJECT NO.: LE 416B SURVEYOR/DIRECTOR: D. PENROD
DATE: NOVEMBER 2022 FIELD SURVEYOR: M. JACOBSEN
SCALE: N/A DRAWN: K. ROUNDY
REVISION: _____ CHECKED: B. LUDLOW

LUDLOW ENGINEERING & LAND SURVEYING
Subdivisions * Boundary Surveys * City Lot Surveys * ALTA Surveys
Claim Surveys * Control Networks * Construction Surveys * Topography
Civil * Sewer & Water Design * Residential & Commercial Structure
Subdivision Design * Site Plans * Road Design
1451 South Main, Nephi, Utah 84648 (435) 623-0897 FAX (435) 623-2381

COVER SHEET

GUTIERREZ ACRES
SECTION 9, T 15 S, R 3 E, SLB&M.
MORONI CITY, SANPETE COUNTY, UTAH
NOVEMBER 2022

SHEET

C

1

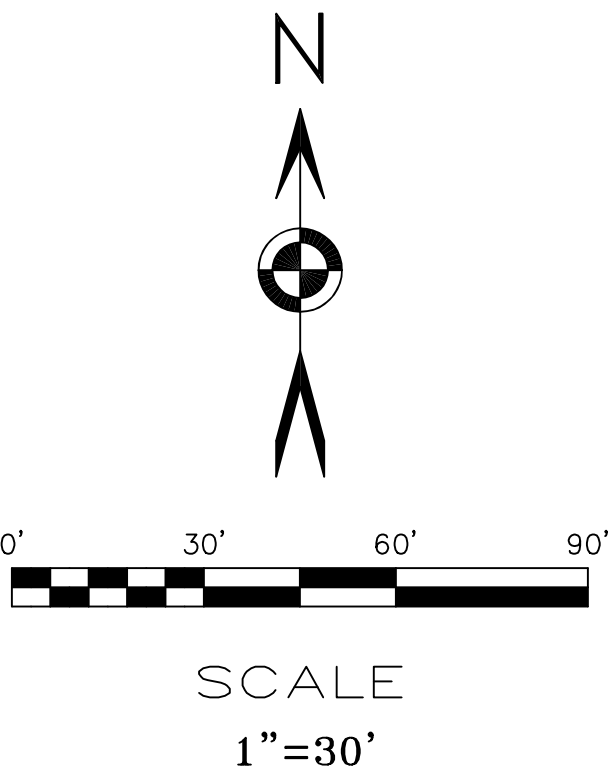
SHEETS

GUTIERREZ ACRES

- LEGEND
- -
 -
 -
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 -



VICINITY MAP
—NTS—



LUDLOW ENGINEERING & LAND SURVEYING
645 NORTH MAIN NEPHI, UTAH 84646
VOICE (435) 623-0897 FAX: (435) 623-2381

LE 4168

CERTIFICATION

I Daryl N. Penrod, do hereby certify that I am a registered land surveyor, and that I hold a license in accordance with Title 58, chapter 22, professional Engineers and Land Surveyors Licensing Act, Utah Code Annotated, 1953 as amended, certificate no. 5331527. I further certify that by the authority of the owners, I have made a survey of the tract of land shown on this plat and described below, have subdivided said tract of land into lots, and easements, have completed a survey of the property described on this plat in accordance with Section 17-23-17, Utah code Annotated, 1953 as amended, have verified all measurements, and have placed monuments as represented on the plat.

DARYL N PENROD

DATE

BOUNDARY DESCRIPTION

BEGINNING AT THE NORTHWEST CORNER OF LOT 3, BLOCK 23, PLAT "B", MORONI CITY SURVEY, SANPETE COUNTY, STATE OF UTAH; AND RUNNING THENCE ALONG THE NORTH LINE OF SAID LOT 3 N 89°01'48"E 117.80 FEET; THENCE S 01°02'28"E 214.50 FEET TO THE SOUTH LINE OF SAID LOT 3; THENCE ALONG SAID SOUTH LINE S 89°01'48"W 117.80 FEET TO THE SOUTHWEST CORNER OF SAID LOT 3; THENCE ALONG THE WEST LINE OF SAID LOT 3 N 01°02'28"W 214.50 FEET TO THE POINT OF BEGINNING. CONTAINING 0.58 ACRES OF LAND.

OWNER'S DEDICATION

KNOW ALL MEN BY THESE PRESENTS THAT I, THE UNDERSIGNED OWNER OF ALL THE PROPERTY DESCRIBED IN THE SURVEYORS CERTIFICATE HEREON AND SHOWN ON THIS MAP, HAVE CAUSED THE SAME TO BE SUBDIVIDED INTO LOTS, BLOCKS, AND EASEMENTS AND DO HEREBY DEDICATE THE PUBLIC AREAS AS INDICATED HEREON FOR PERPETUAL USE OF THE PUBLIC, THE PUBLIC UTILITY EASEMENTS TO ALL UTILITY PROVIDERS, PUBLIC OR PRIVATE, AND THE ACCESS EASEMENTS TO ALL LOT OWNERS, AND THEIR SUCCESSORS AND ASSIGNS IN PERPETUITY.

Landowner signature(s)

LUIS EDUARDO GUTIERREZ MENA

MANUEL FIGUEROA YANEZ

ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ } S.S.

ON THE _____ DAY OF _____, A.D. 20____, PERSONALLY APPEARED BEFORE ME, LUIS EDUARDO GUTIERREZ MENA AND MANUEL FIGUEROA YANEZ, THE SIGNERS OF THE FOREGOING CERTIFICATE WHO DULY ACKNOWLEDGED TO ME THAT THEY DID EXECUTE THE SAME.

MY COMMISSION EXPIRES _____

NOTARY PUBLIC (SIGN)

MY COMMISSION NUMBER _____

NOTARY PUBLIC (PRINT)

(NO SEAL REQUIRED)

ACCEPTANCE BY LEGISLATIVE BODY

THE MAYOR AND COUNCIL OF THE CITY OF MORONI, COUNTY OF SANPETE, APPROVES THIS SUBDIVISION, AND HEREBY ACCEPTS THE DEDICATION OF ALL EASEMENTS, STREETS, AND OTHER PARCELS OF LAND AS DEPICTED HEREON INTENDED FOR UTILITIES AND PUBLIC PURPOSES FOR THE PERPETUAL USE OF THE PUBLIC,

THIS _____ DAY OF _____, A.D. 20____

CITY MAYOR

COUNCIL

COUNCIL

COUNCIL

COUNCIL

COUNCIL

APPROVED

CITY ENGINEER

(SEE SEAL BELOW)

ATTEST

CITY CLERK

(SEE SEAL BELOW)

PLANNING COMMISSION APPROVAL

APPROVED THIS _____ DAY OF _____, A.D. 20____,
BY THE PLANNING COMMISSION.

CHAIRMAN

DIRECTOR / SECRETARY

GUTIERREZ ACRES

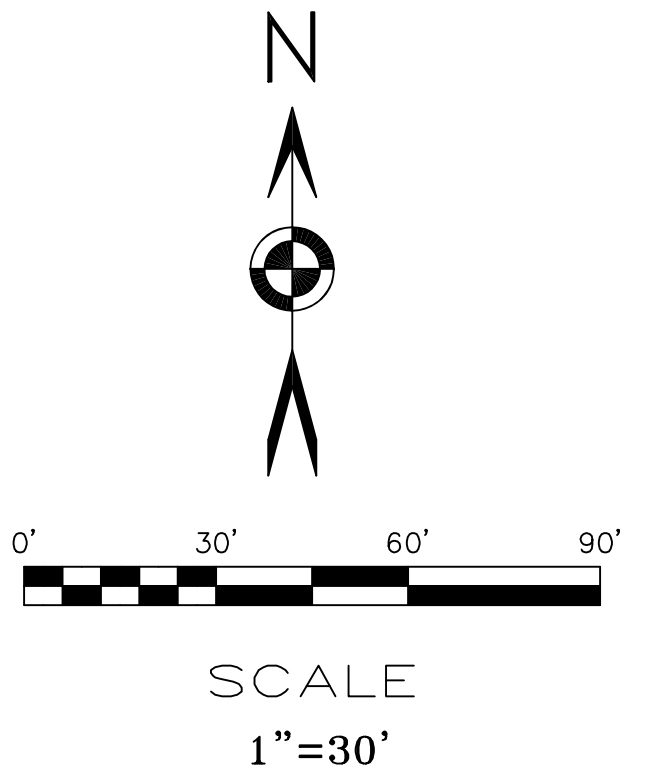
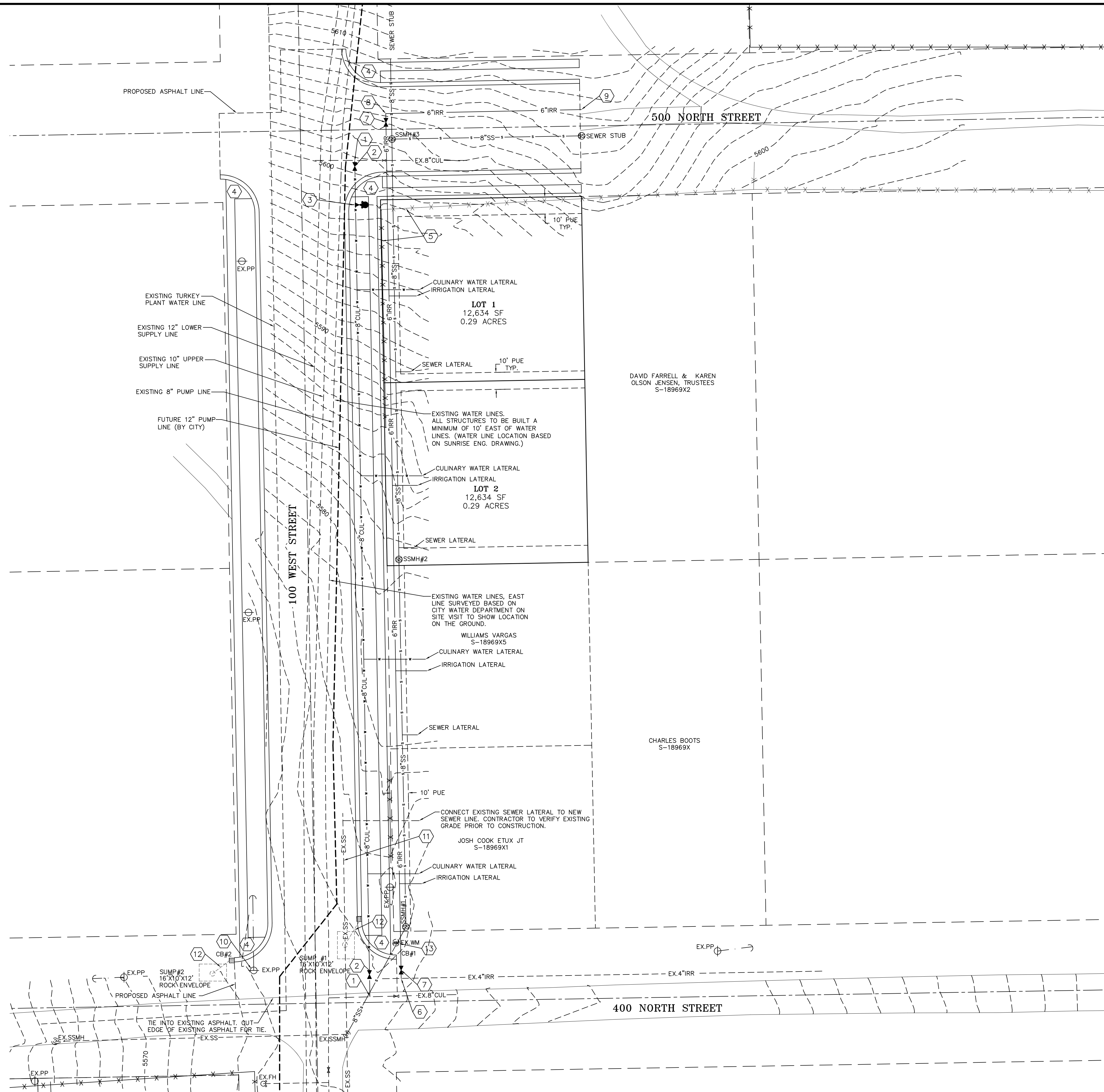
SUBDIVISION

SECTION 9, TOWNSHIP 15 SOUTH, RANGE 3 EAST, S.L.B. & M.
MORONI CITY, SANPETE COUNTY, STATE OF UTAH
SCALE 1"= 30 FEET

SURVEYOR

CLERK

COUNTY RECORDER



- CONSTRUCTION NOTES:
1. INSTALL 8" TEE AS PER APWA STANDARD
 2. INSTALL 8" CULINARY WATER VALVE PER APWA STANDARDS.
 3. INSTALL FIRE HYDRANT ASSEMBLY PER APWA STANDARDS.
 4. INSTALL ADA RAMP PER APWA STANDARDS.
 5. EXISTING FENCE TO BE REMOVED.
 6. INSTALL 4"x4"x6" TEE PER APWA STANDARDS.
 7. INSTALL 6" VALVE PER APWA STANDARDS.
 8. INSTALL 6"x6"x6" TEE PER APWA STANDARDS.
 9. CAP 6" IRRIGATION LINE PAST IMPROVEMENTS.
 10. EXISTING POWER POLE TO BE RELOCATED BEHIND CURB.
 11. EXISTING SEWER LINE TO BE ABANDONED.
 12. INSTALL 12" ADS PIPE @ 1.00% MINIMUM SLOPE.
 13. ABANDON EXISTING WATER METER

- GENERAL NOTES:
1. EACH LOT TO HAVE A 1" CULINARY LATERAL WITH WATER METER.
 2. EACH LOT TO HAVE A 4" SEWER LATERAL WITH CLEANOUT.
 3. ALL SIDEWALKS TO BE 5' WIDE.
 4. 6" IRRIGATION LINES WILL BE C900 PVC DR18.
 5. 8" PVC SEWER LINES WILL BE SDR35.
 6. ALL CURB RETURNS TO HAVE A 20.00' RADIUS.

REVISIONS

- | | | | |
|----|-------|----|-------|
| 1. | _____ | 4. | _____ |
| 2. | _____ | 5. | _____ |
| 3. | _____ | 6. | _____ |

PROJECT NO.: LE 4168 SURVEYOR/DIRECTOR: D. PENROD
DATE: NOVEMBER 2022 FIELD SURVEYOR: M. JACOBSEN
SCALE: 1" = 30' DRAWN: K. ROUNDY
REVISION: _____ CHECKED: B. LUDLOW



LUDLOW ENGINEERING & ASSOCIATES

Subdivisions * Boundary Surveys * City Lot Surveys * ALTA Surveys
Claim Surveys * Control Networks * Construction Surveys * Topography
Civil * Sewer & Water Design * Residential & Commercial Structure
Subdivision Design * Site Plans * Road Design
1451 South Main, Nephi, Utah 84648 (435) 623-0897 FAX (435) 623-2381

TOPO/UTILITIES

GUTIERREZ ACRES

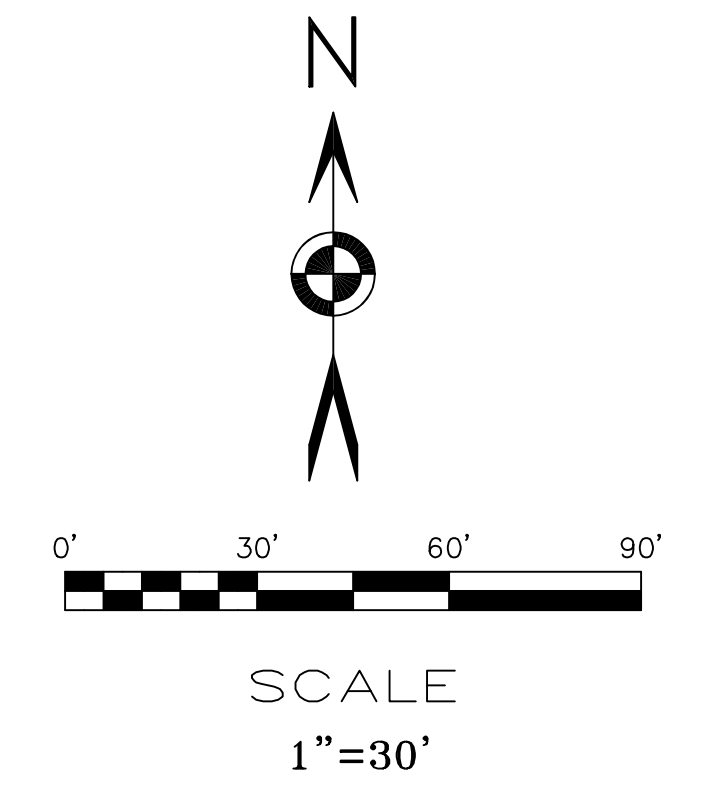
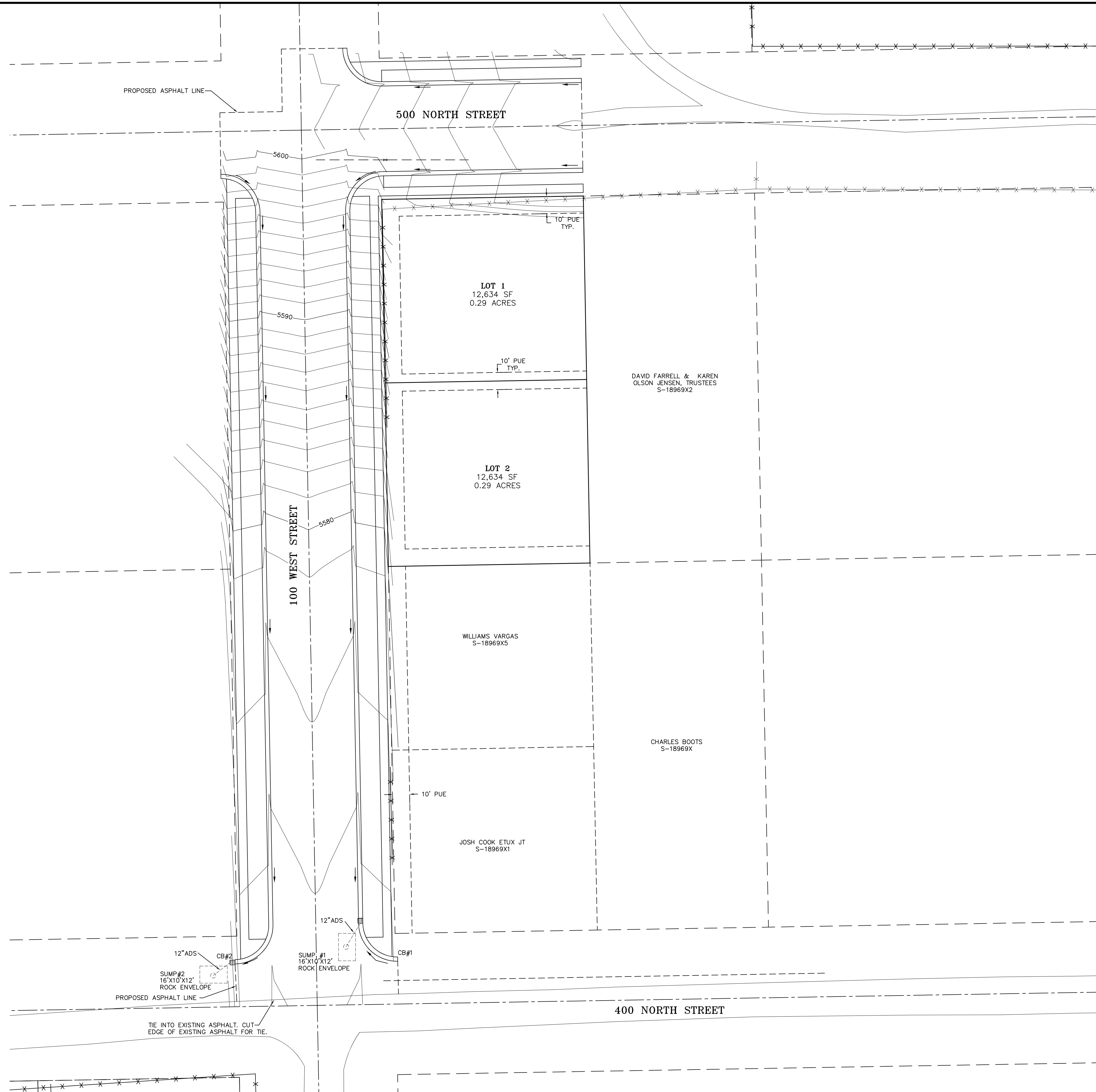
SECTION 9, T 15 S, R 3 E, SLB&M.
MORONI CITY, SANPETE COUNTY, UTAH
NOVEMBER 2022

SHEET

C

3

SHEETS



REVISIONS

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

PROJECT NO.: LE 4168 SURVEYOR/DIRECTOR: D. PENROD
DATE: NOVEMBER 2022 FIELD SURVEYOR: M. JACOBSEN
SCALE: 1" = 30' DRAWN: K. ROUNDY
REVISION: _____ CHECKED: B. LUDLOW



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Subdivision Design * Site Plans * Road Design
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GRADING/DRAINAGE

GUTIERREZ ACRES

SECTION 9, T 15 S, R 3 E, SLB&M,
MORONI CITY, SANPETE COUNTY, UTAH
NOVEMBER 2022

SHEET

C

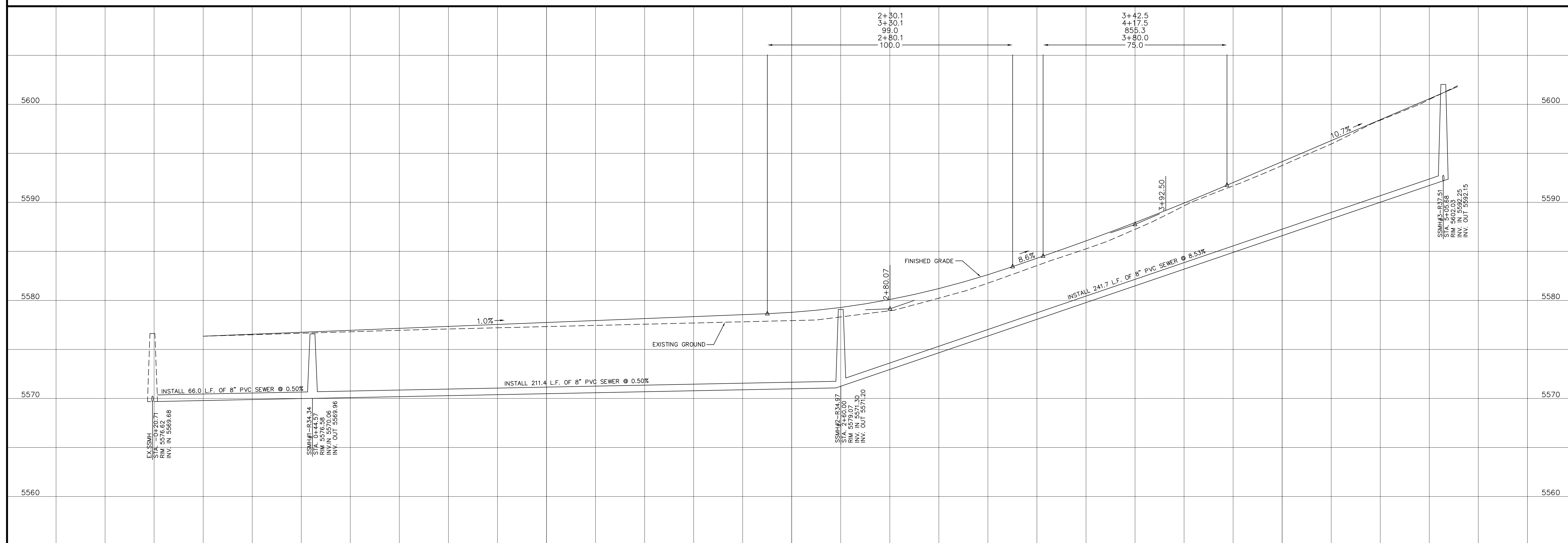
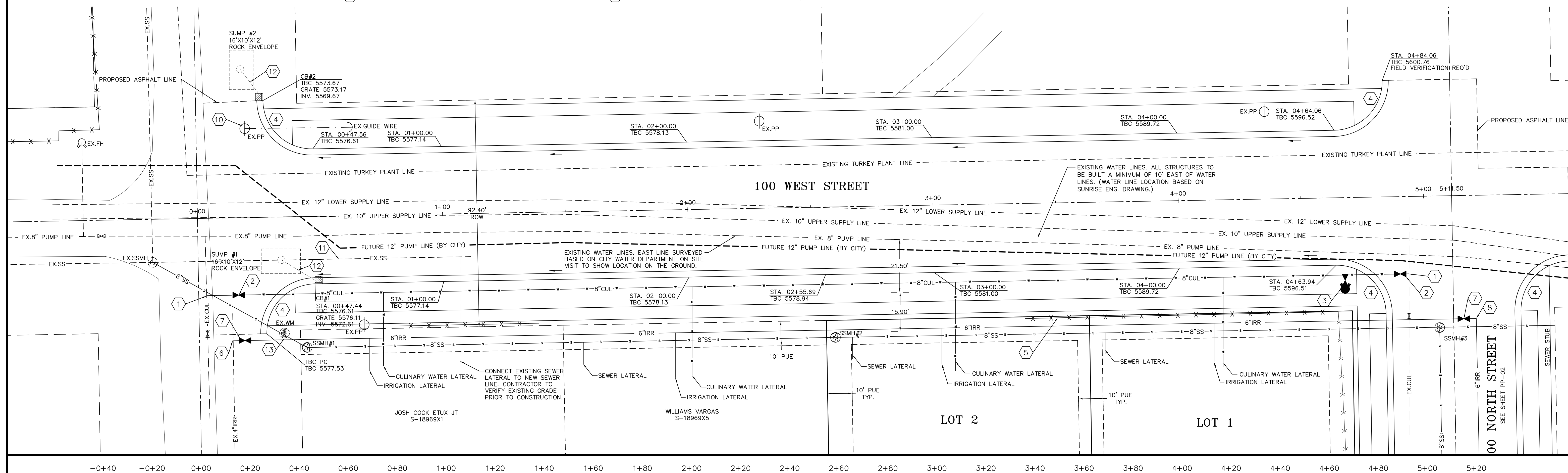
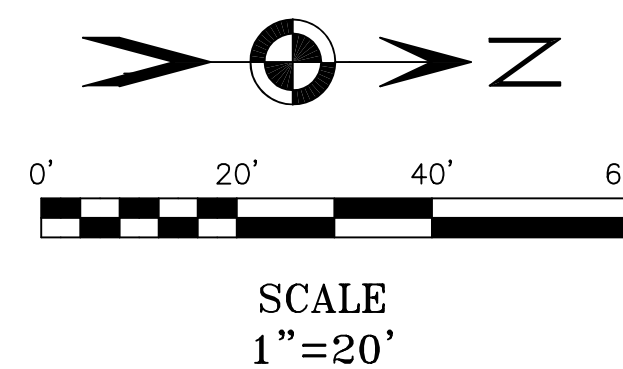
4

SHEETS

- ① INSTALL 8" TEE AS PER APWA STANDARDS.
- ② INSTALL 8" CULINARY WATER VALVE PER APWA STANDARDS.
- ③ INSTALL FIRE HYDRANT ASSEMBLY PER APWA STANDARDS.
- ④ INSTALL ADA RAMP PER APWA STANDARDS.
- ⑤ EXISTING FENCE TO BE REMOVED.
- ⑥ INSTALL 4"x4"x6" TEE PER APWA STANDARDS.

- 7 INSTALL 6" VALVE PER APWA STANDARDS.
- 8 INSTALL 6"x6"x6" TEE PER APWA STANDARDS.
- 9 CAP 6" IRRIGATION LINE PAST IMPROVEMENTS.
- 10 EXISTING POWER POLE TO BE RELOCATED BEHIND CURB.
- 11 EXISTING SEWER LINE TO BE MINIMUM.
- 12 INSTALL 12" ADS PIPE @ 1.00% MINIMUM SLOPE.
- 13 ABANDON EXISTING WATER METER (CAP LINE)

1. EACH LOT TO HAVE A 1" CULINARY LATERAL WITH WATER METER.
2. EACH LOT TO HAVE A 4" SEWER LATERAL WITH CLEANOUT.
3. ALL SIDEWALKS TO BE 5' WIDE.
4. 6" IRRIGATION LINES WILL BE C900 PVC DR18.
5. 8" SEWER LINES WILL BE SDR35.
6. ALL CURB RETURNS TO HAVE A 20.00' RADIUS.



PLAN & PROFILE
100 WEST STREET
STA. -0+40 TO STA. 5+20

GUTIERREZ ACRES

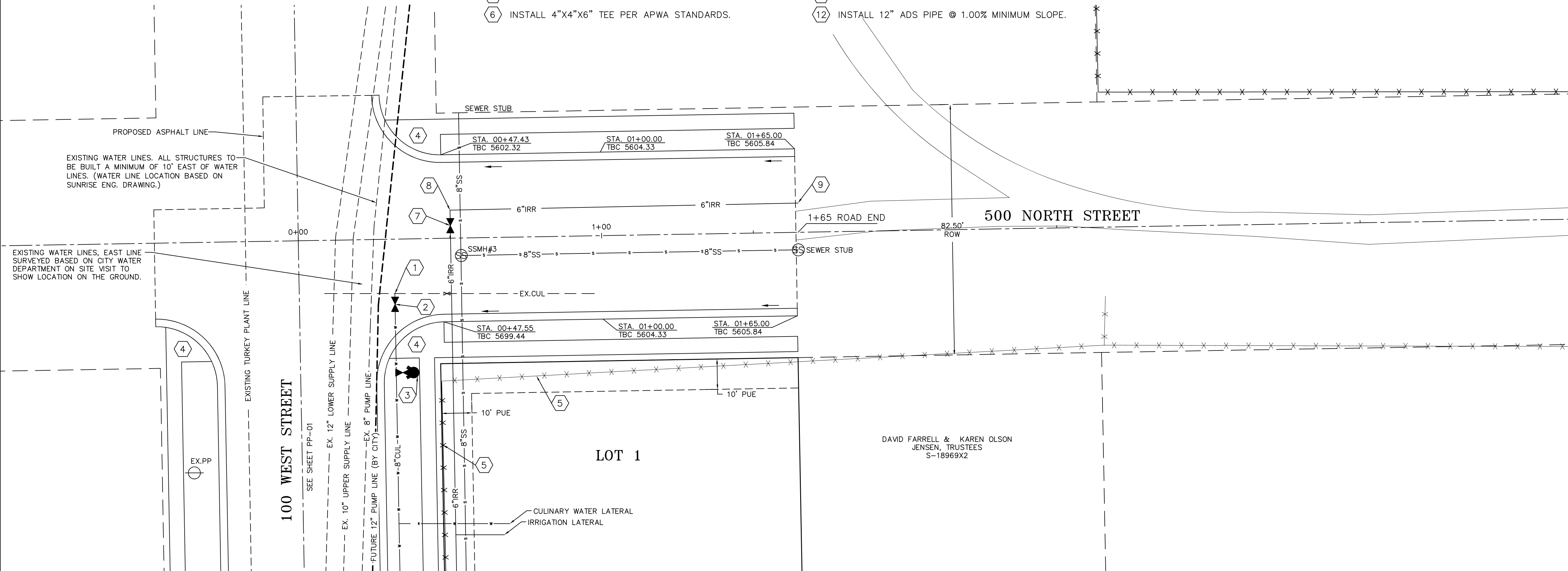


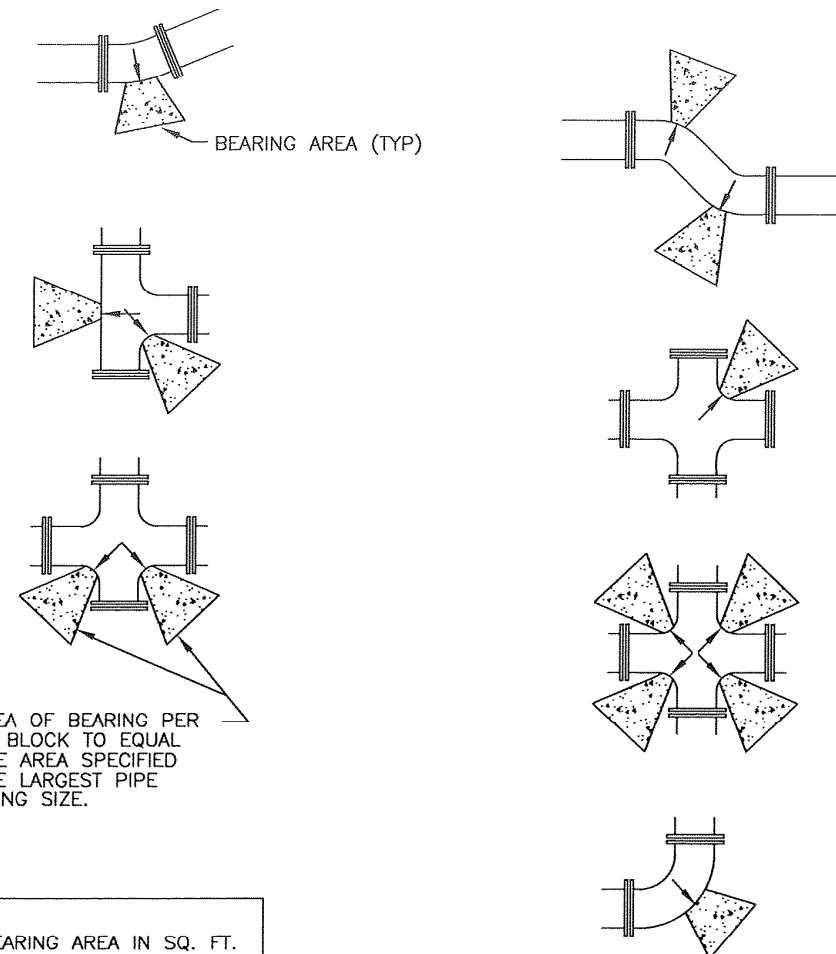
**LUDLOW ENGINEERING
& LAND SURVEYING**
1451 S Main, Nephi, UT 84648
PHONE (435) 822-0987
FAX (435) 823-2381

PROJECT NO.: LE 4168 SURVEYOR/DIRECTOR: D. PENROD
DATE: OCTOBER 2022 FIELD SURVEYOR: M. JACOBSEN
SCALE: 1" = 20' DRAWN: K. ROUNDY
REVISION: _____ CHECKED: B. LUDLOW

- 1) INSTALL 8" TEE AS PER APWA STANDARDS.
- 2) INSTALL 8" CULINARY WATER VALVE PER APWA STANDARDS.
- 3) INSTALL FIRE HYDRANT ASSEMBLY PER APWA STANDARDS.
- 4) INSTALL ADA RAMP PER APWA STANDARDS.
- 5) EXISTING FENCE TO BE REMOVED.
- 6) INSTALL 4"x4"x6" TEE PER APWA STANDARDS.

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5. 8" SEWER LINES WILL BE SDR35.
6. ALL CURB RETURNS TO HAVE A 20.00' RADIUS.





THE AREA OF BEARING PER THRUST BLOCK TO EQUAL 1/2 THE AREA SPECIFIED FOR THE LARGEST PIPE OR FITTING SIZE.

MINIMUM BEARING AREA IN SQ. FT.					
SIZE OF PIPE	45° BENDS	90° BENDS	45° BENDS	22 1/2° BENDS	11 1/4° BENDS
4"	2	3	2	2	2
6"	4	5.5	3	1.5	1
8"	6.5	9.5	5	2.75	1.5
12"	14	20	11	5.5	3
14"	19	26.5	14.5	7.5	4
16"	24	34	18.5	9.5	6
20"	27	52	28.5	14.5	16
24"	53	74	41	21	53
30"	81	114	62	32	16

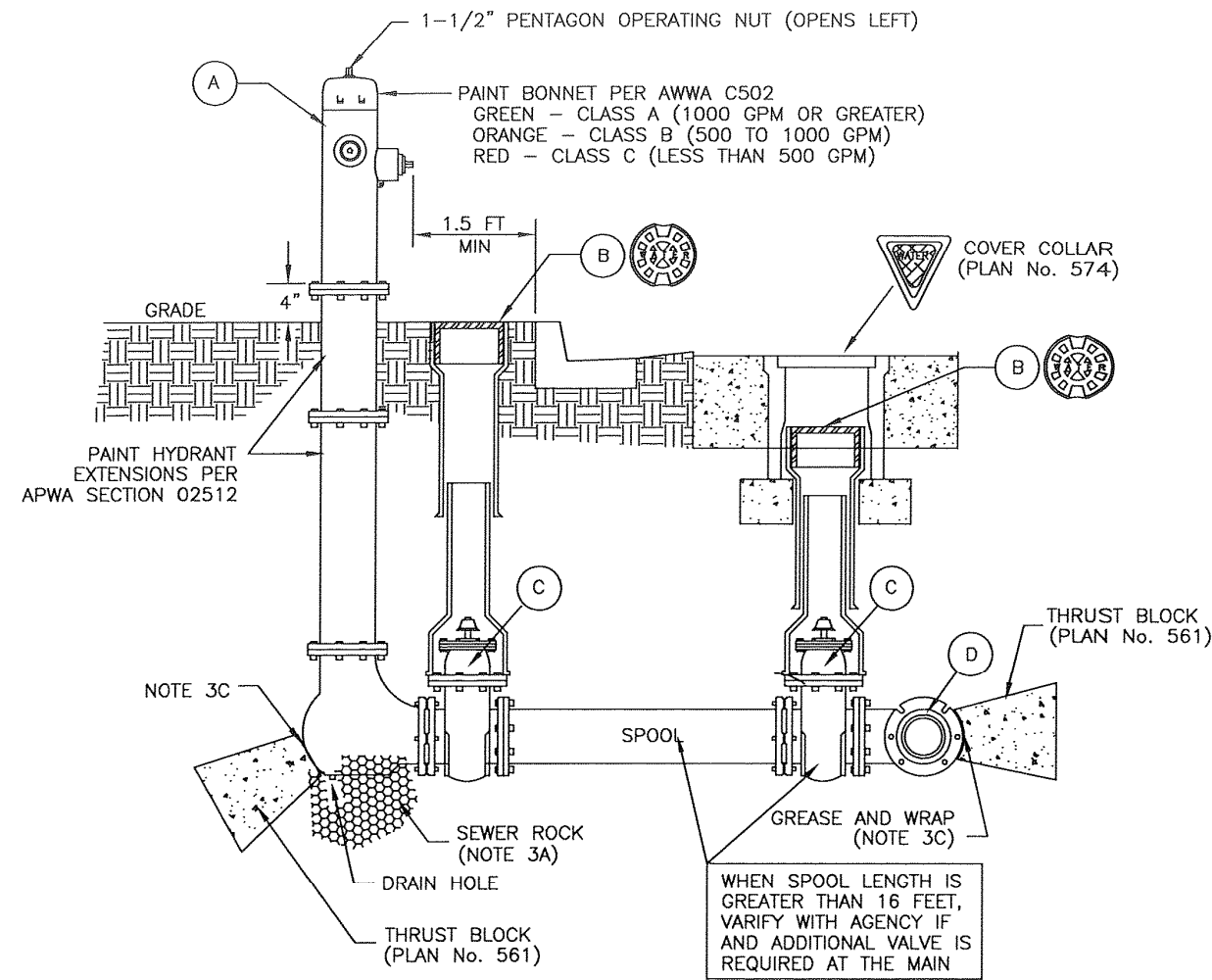
#4 EPOXY COATED REBAR WITH 12" MIN. EMBEDMENT

INSTALL THRUST RESTRAINT SEE PLAN No. 562 (TYP) (WJ AND PUSH-ON JOINTS)

Direct bearing thrust block
239

Plan No.
561

April 1997



LEGEND		
No.	ITEM	DESCRIPTION
(A)	FIRE HYDRANT	AWWA C502
(B)	VALVE BOX WITH LID	2 PIECE CAST IRON
(C)	GATE VALVE WITH 2"x2" NUT	AWWA C509
(D)	TEE WITH 125 # FLANGE	AWWA C110

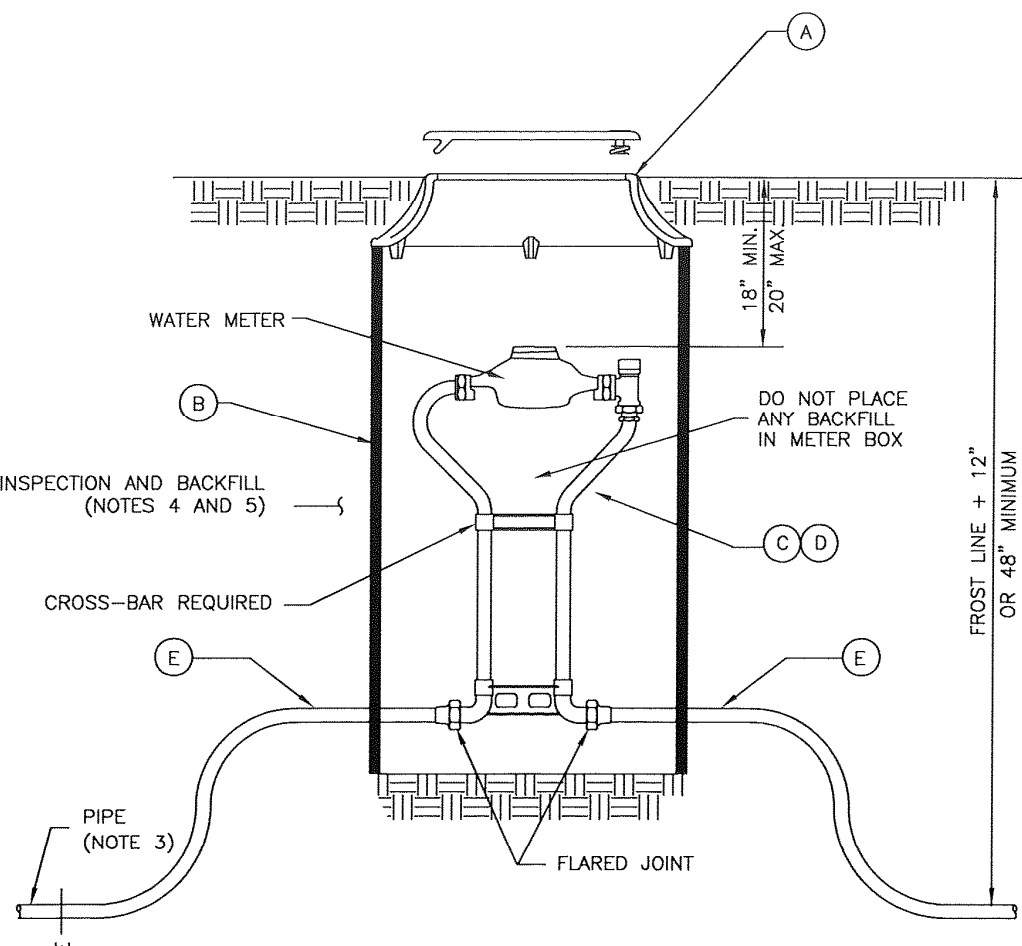
* FURNISHED BY UTILITY AGENCY

SECTION

Fire hydrant with valve
213

Plan No.
511

January 2003



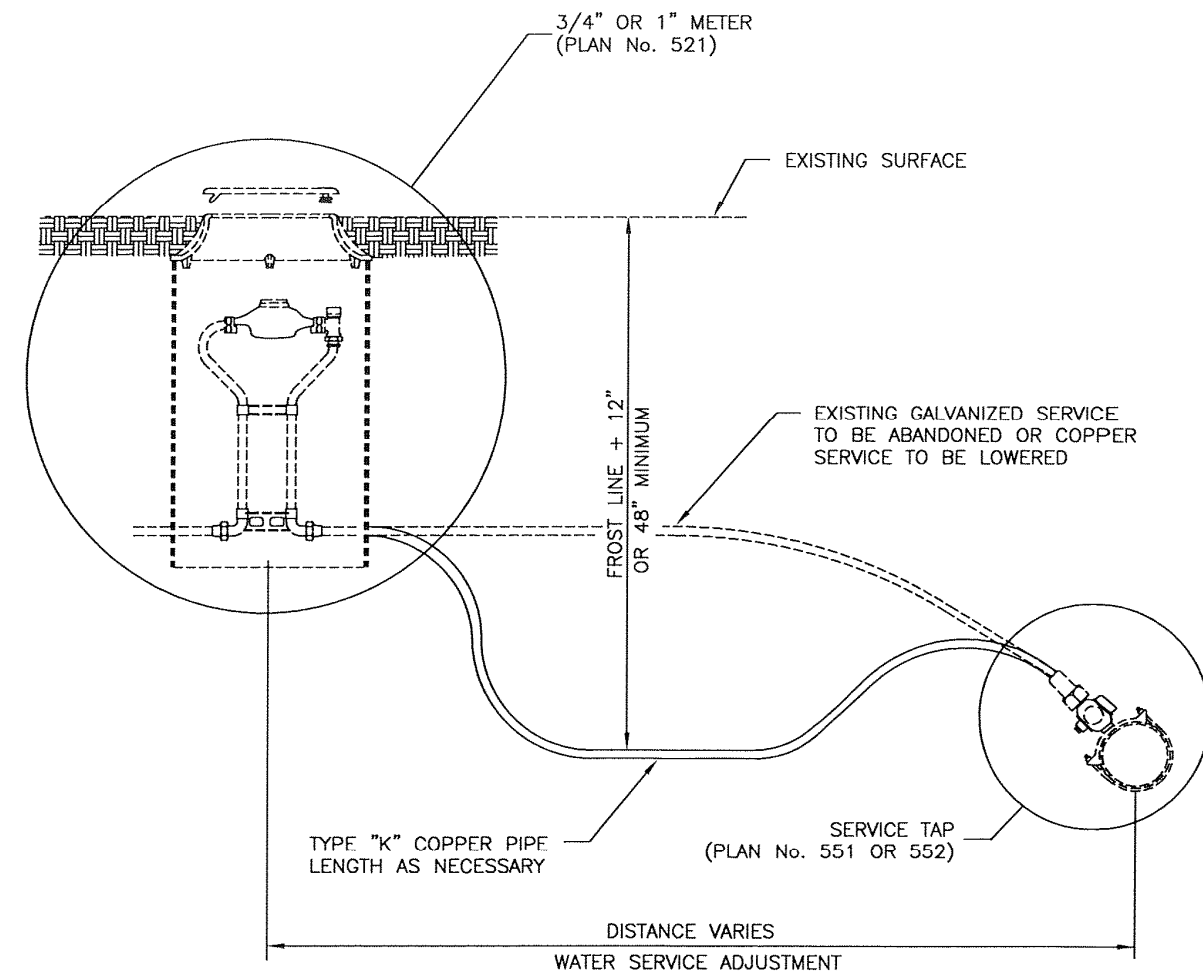
LEGEND		
No.	ITEM	DESCRIPTION
(A)	FRAME AND COVER	CAST IRON COVER (grass) DUCTILE IRON COVER (driveway)
(B)	METER BOX (18" TO 21" DIAMETER) (30" TO 36" DEEP)	CORRUGATED PE, PVC, CMP OR MATERIAL ACCEPTABLE TO AGENCY
(C)	3/4" METER YOKE	OPTIONAL BACKFLOW PROTECTION PER AGENCY REQUIREMENTS
(D)	1" METER YOKE	OPTIONAL BACKFLOW PROTECTION PER AGENCY REQUIREMENTS
(E)	COPPER PIPE	TYPE K (SOFT)

* FURNISHED BY UTILITY AGENCY

SECTION

3/4" and 1" meter
215

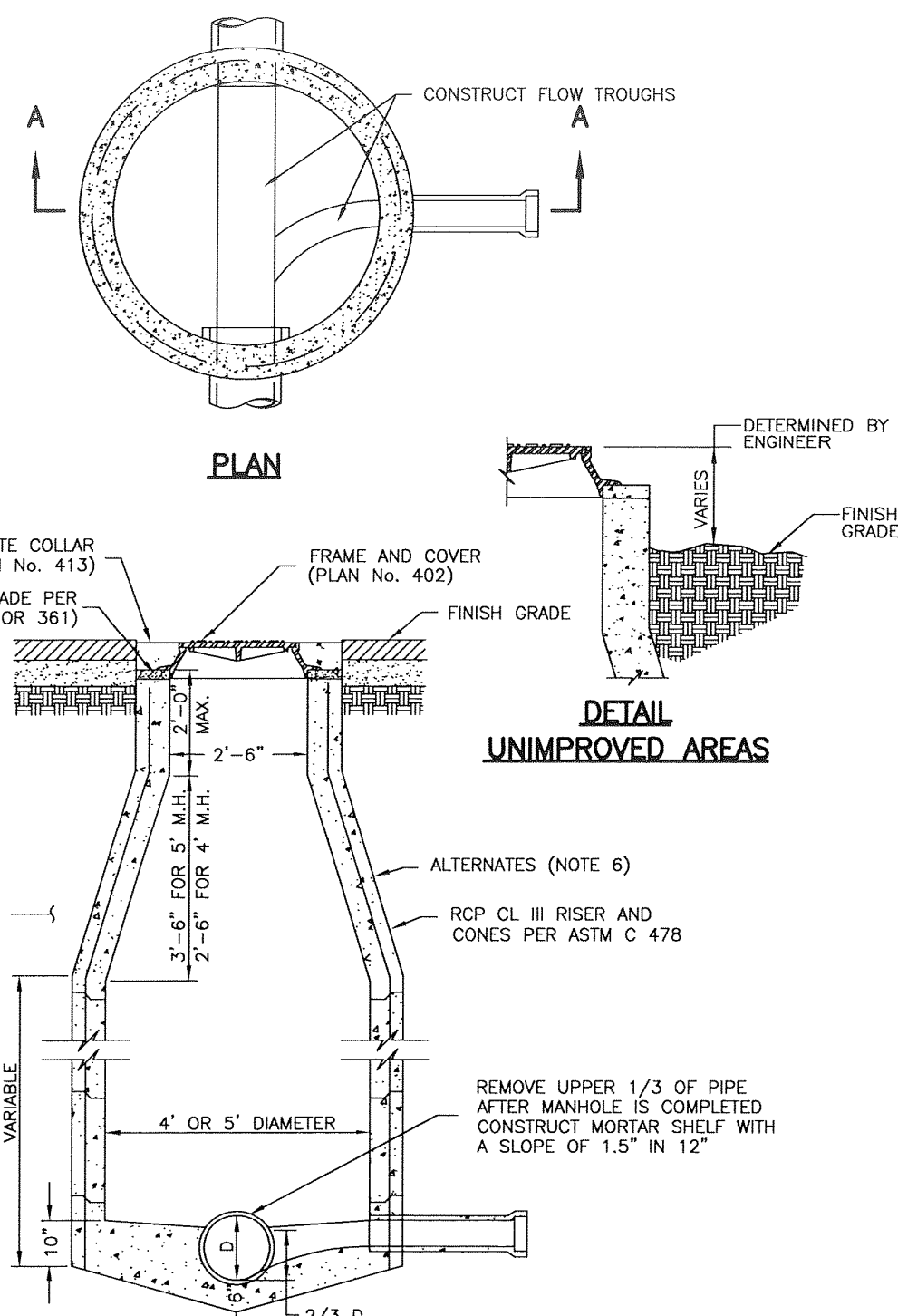
August 2001



Water service line
229

Plan No.
541

August 2001

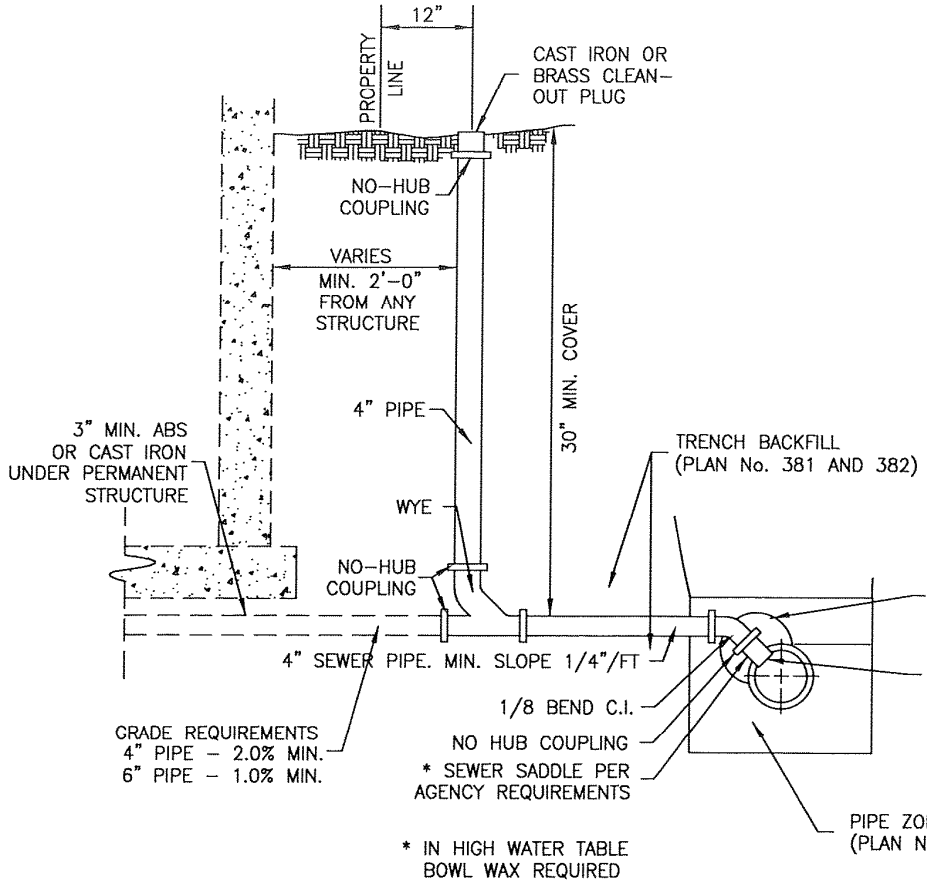


SECTION A-A

Sanitary sewer manhole
189

Plan No.
411

April 1997

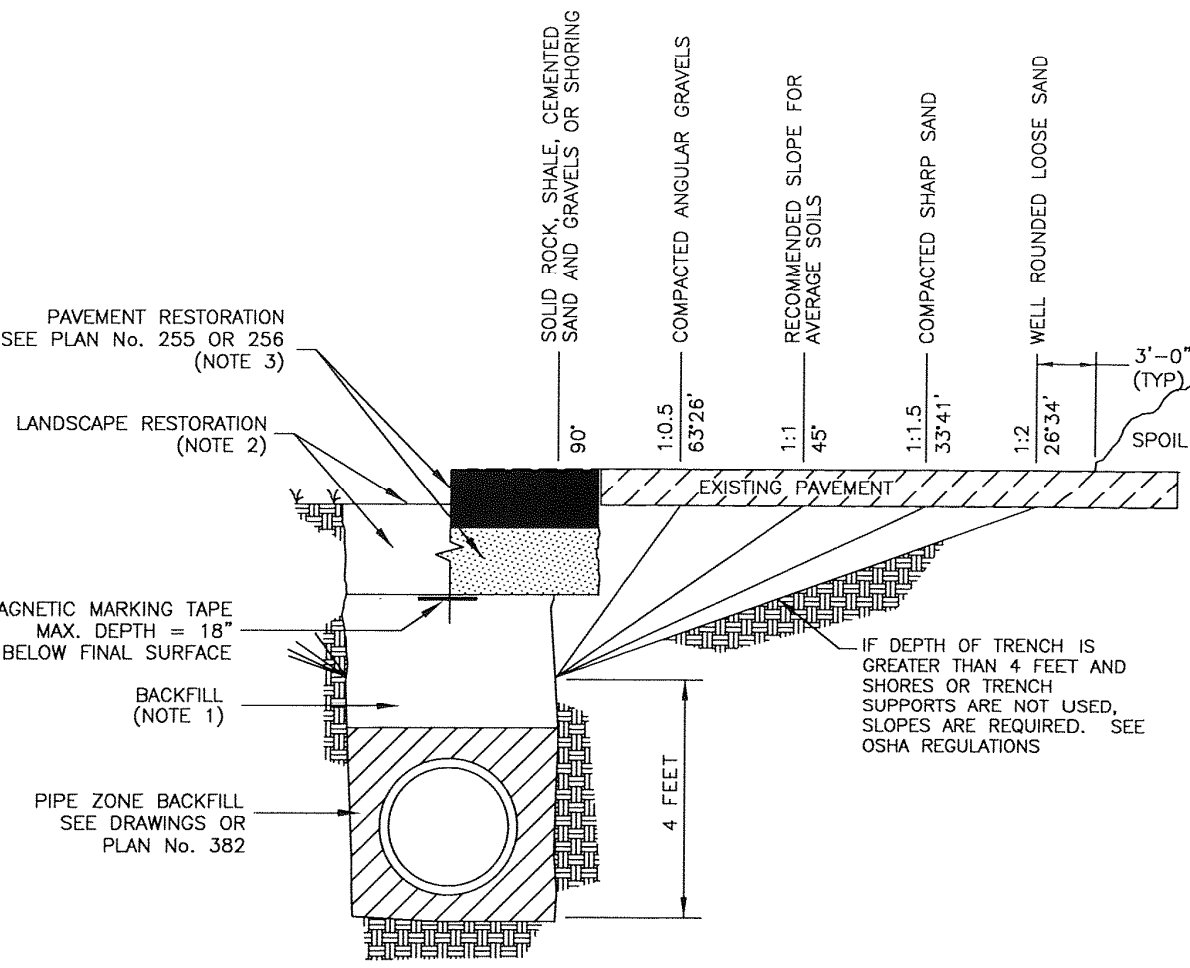


SECTION

Sewer lateral connection
195

Plan No.
431

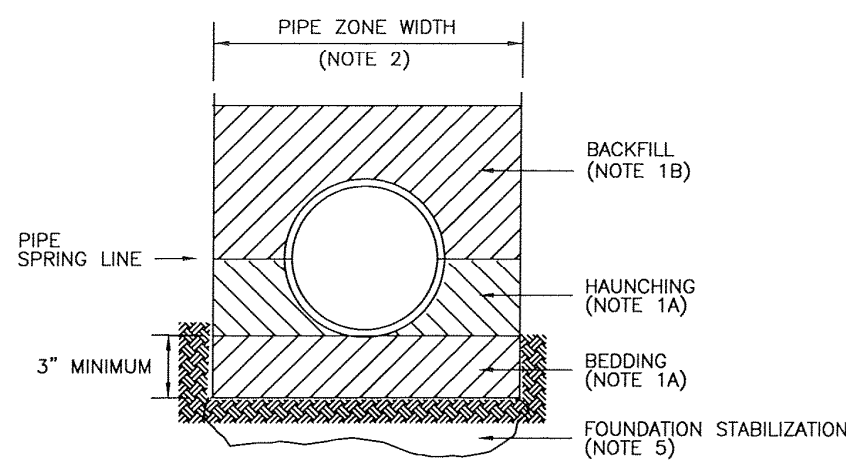
April 1997



SECTION

Trench backfill
179

May 2006



INSTALLATION

CONCRETE PIPE: FOLLOW ASTM C 1479
"STANDARD PRACTICE FOR INSTALLATION OF PRECAST CONCRETE SEWER, STORM DRAIN AND CULVERT PIPE USING STANDARD INSTALLATIONS."
PVC AND HDPE PIPE: FOLLOW ASTM D 2321
"STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS."
CORRUGATED METAL PIPE: FOLLOW ASTM A 798
"STANDARD PRACTICE FOR INSTALLING FACTORY-MADE CORRUGATED STEEL PIPE FOR SEWERS AND OTHER APPLICATIONS."
VITRIFIED CLAY PIPE: FOLLOW ASTM C 12
"STANDARD RECOMMENDED PRACTICE FOR INSTALLING VITRIFIED CLAY PIPE LINES."

Pipe zone backfill
181

Plan No.
382

Aug 2006

REVISIONS

1. _____ 4. _____
2. _____ 5. _____
3. _____ 6. _____

PROJECT NO.: LE 4168 SURVEYOR/DIRECTOR: D. PENROD
DATE: OCTOBER 2022 FIELD SURVEYOR: M. JACOBSON
SCALE: N/A DRAWN: K. ROUNDY
REVISION: _____ CHECKED: B. LUDLOW



LUDLOW ENGINEERING & ASSOCIATES

Subdivisions * Boundary Surveys * City Lot Surveys * ALTA Surveys
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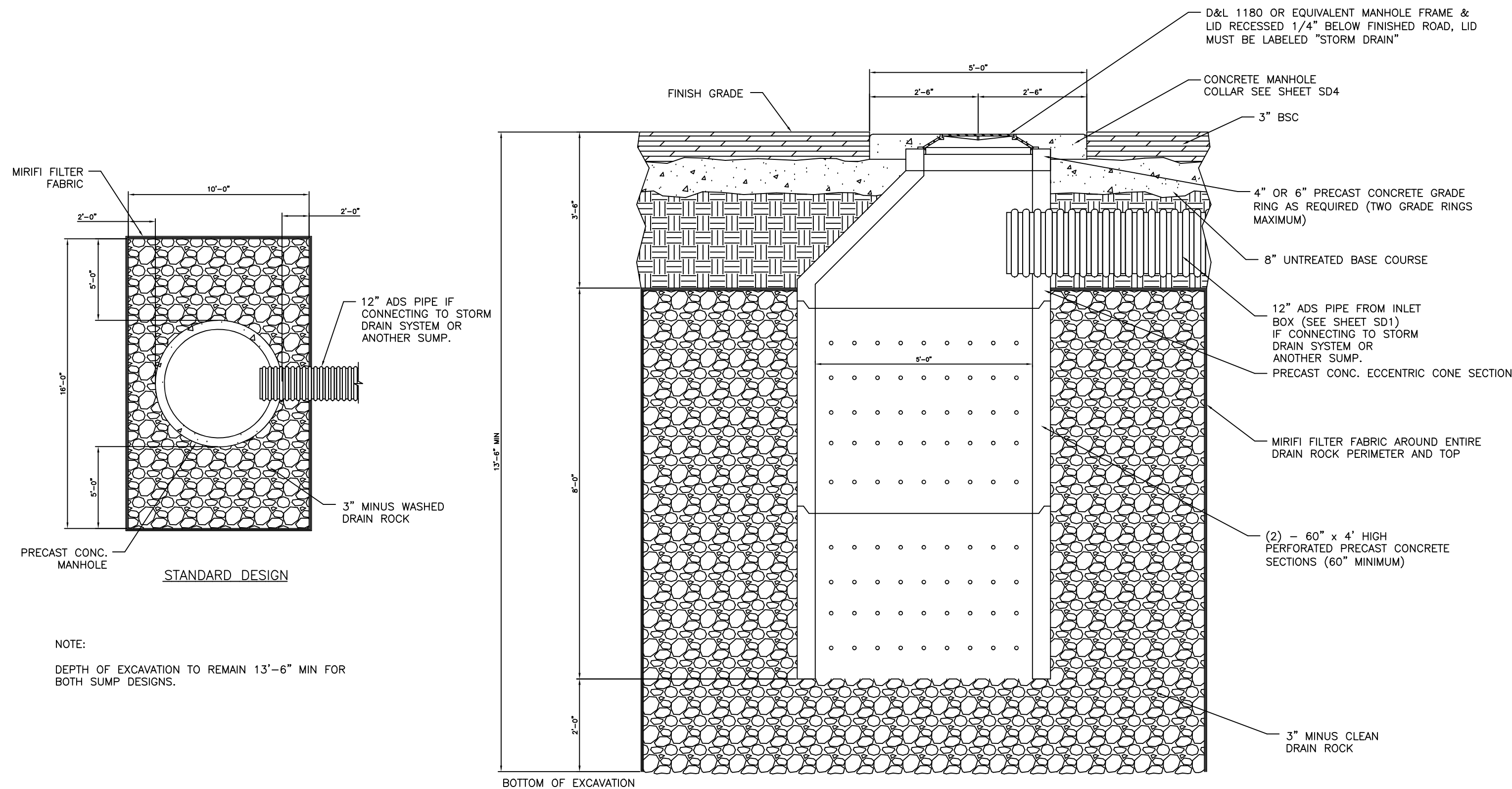
DETAIL SHEET

GUTIERREZ ACRES

SECTION 9, T 15 S, R 3 E, SLB&M,
MORONI CITY, SANPETE COUNTY, UTAH
OCTOBER 2022

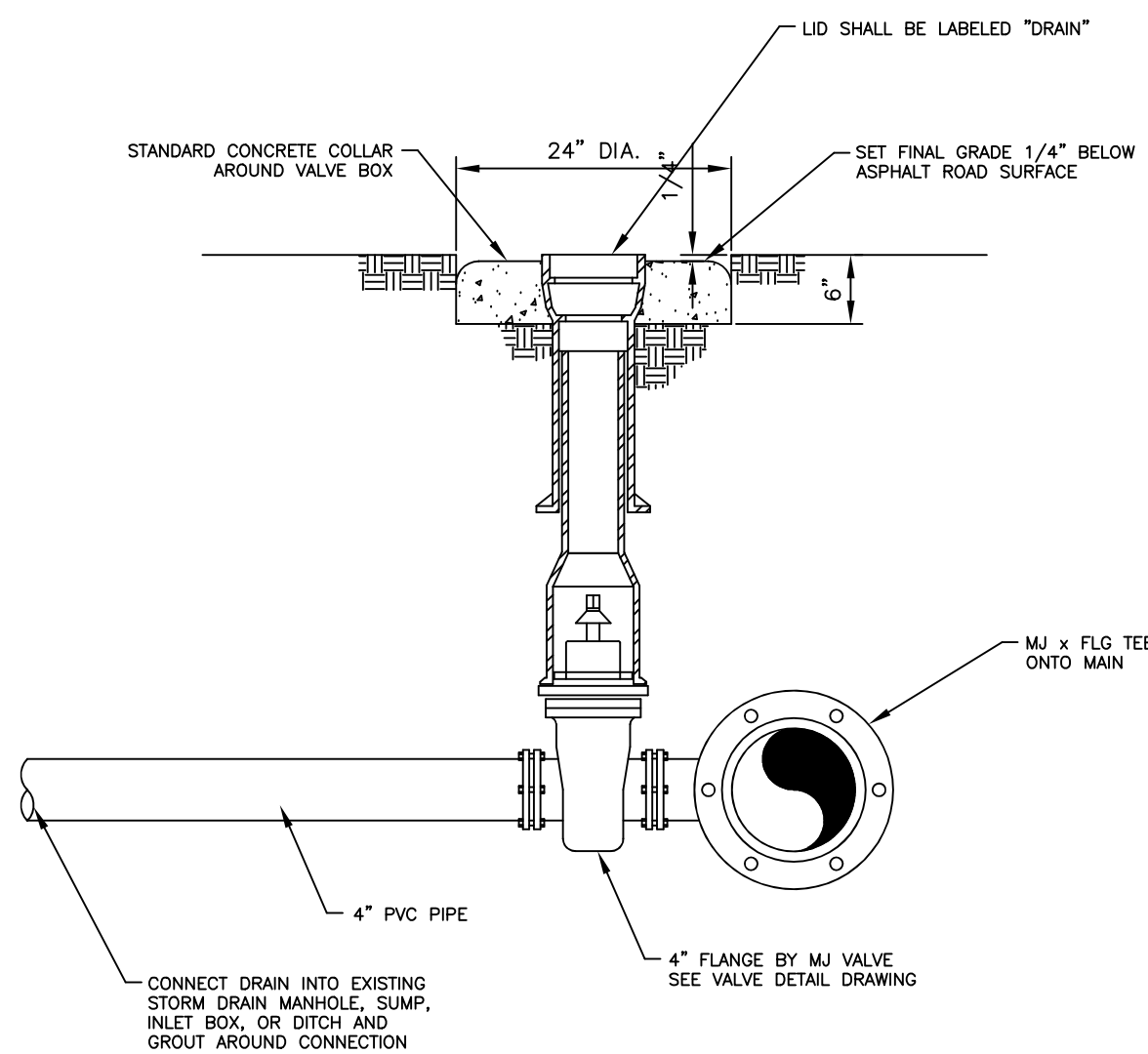
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DT-01

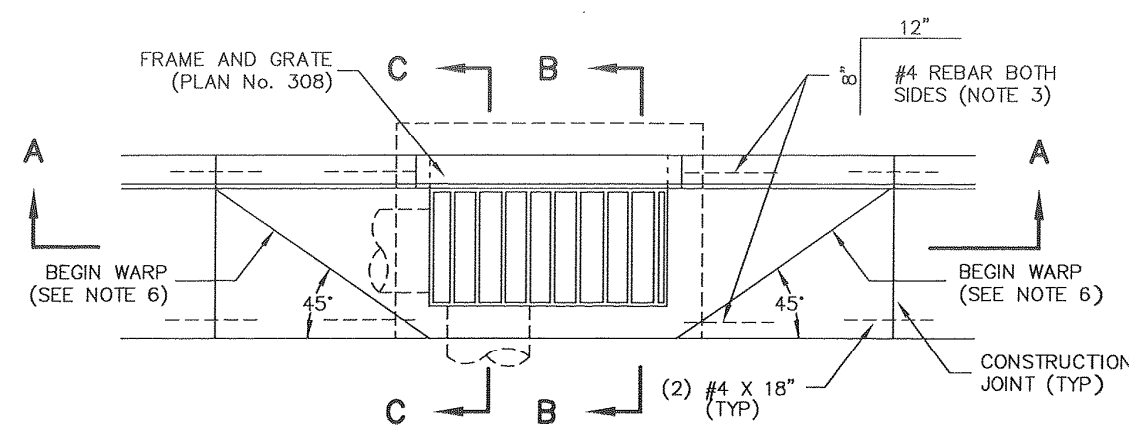


MANHOLE SUMP DETAIL
NOT TO SCALE

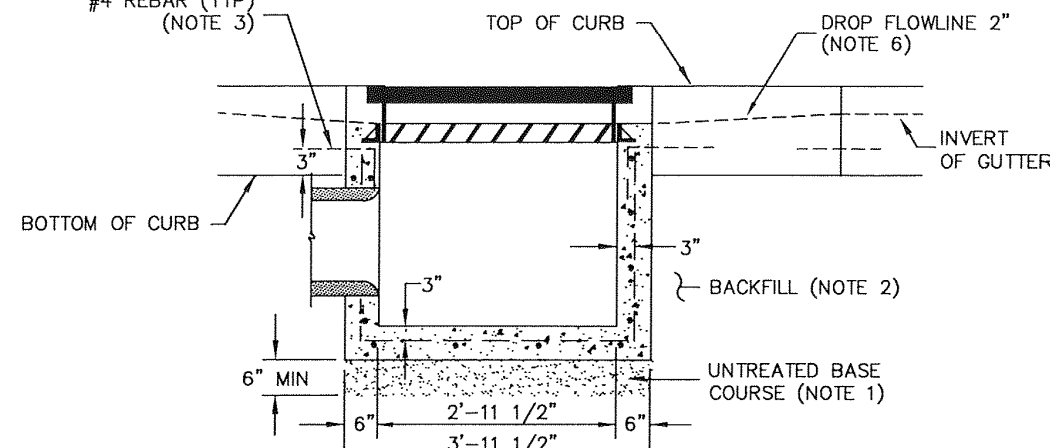
- NOTES:
1. ALL SUMPS SHALL BE CONCRETE H2O CONSTRUCTION.
 2. THERE SHALL BE A 4' ENVELOPE OF 3" MINUS GRAVEL AROUND THE BOTTOM 10' OF THE SUMP.
 3. PERFORATED SECTIONS SHALL HAVE 1" TO 1.5" HOLES 12" O.C.
 4. SUMP EXCAVATION TO BE INSPECTED BY CITY INSPECTOR BEFORE DRAIN ROCK IS PLACED.
 5. 3' LIFTS FOR ALL DRAIN ROCK MUST BE PLACED SO SETTLING WILL NOT OCCUR.



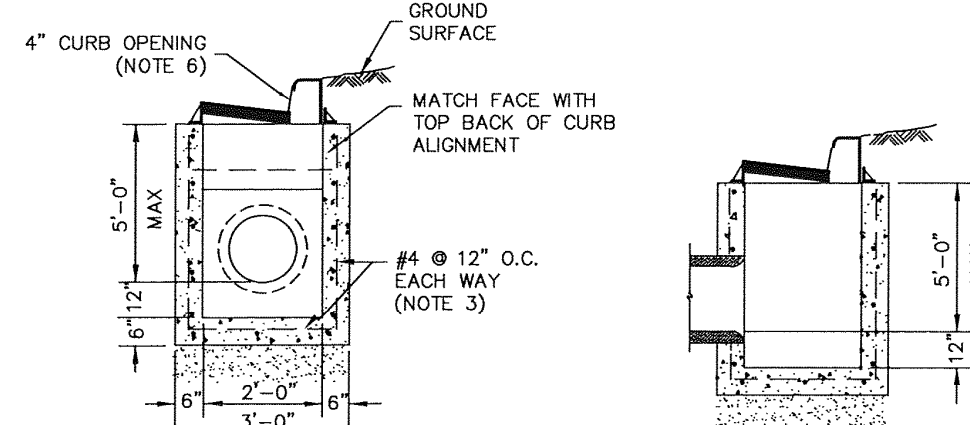
PRESSURIZED IRRIGATION DRAIN
NOT TO SCALE



TYPE A - CURB INLET WITH SINGLE GRATE



SECTION A-A



SECTION B-B

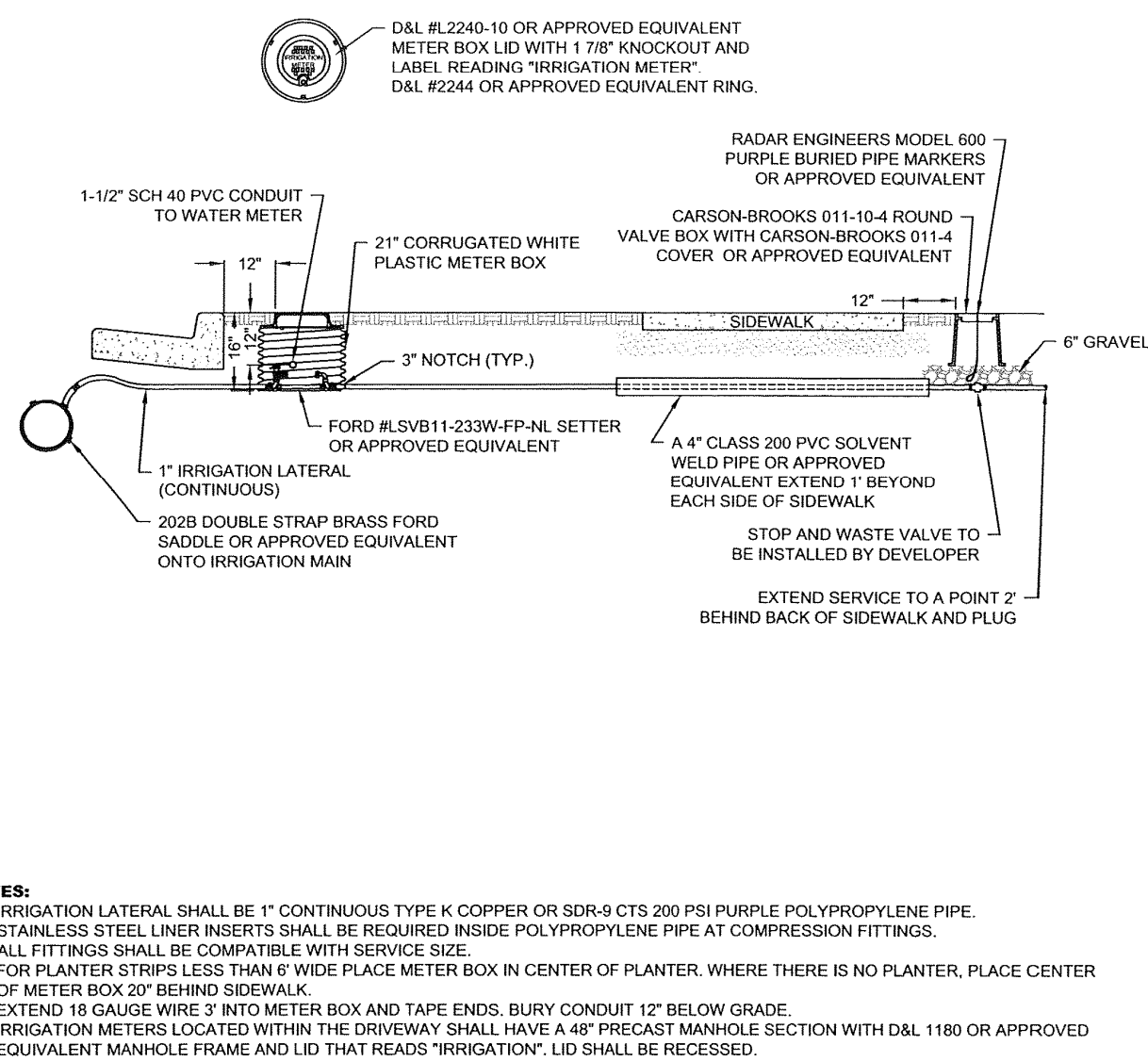
SECTION C-C

Catch basin

Plan No.
315
Drawing 1 of 2

July 2000

137



- NOTES:
1. IRRIGATION LATERAL SHALL BE 1" CONTINUOUS TYPE K COPPER OR SDR-9 CTS 200 PSI PURPLE POLYPROPYLENE PIPE.
 2. STAINLESS STEEL LINER INSERTS SHALL BE REQUIRED INSIDE POLYPROPYLENE PIPE AT COMPRESSION FITTINGS.
 3. ALL FITTINGS SHALL BE COMPATIBLE WITH SERVICE SIZE.
 4. FOR PLANTER STRIPS LESS THAN 6" WIDE PLACE METER BOX IN CENTER OF PLANTER. WHERE THERE IS NO PLANTER, PLACE CENTER OF METER BOX 20" BEHIND SIDEWALK.
 5. EXTEND 18 GAUGE WIRE 3" INTO METER BOX AND TAPE ENDS. BURY CONDUIT 12" BELOW GRADE.
 6. IRRIGATION METERS LOCATED WITHIN THE DRIVEWAY SHALL HAVE A 48" PRECAST MANHOLE SECTION WITH D&L 1180 OR APPROVED EQUIVALENT MANHOLE FRAME AND LID THAT READS "IRRIGATION". LID SHALL BE RECESSED.

STANDARD DRAWING
1" PRESSURIZED IRRIGATION SERVICE BOX AND LATERAL

DRAWN: [Signature]
REVISION: [Signature]
DATE: [Signature]

SCALE: NONE
DATE: [Signature]

REVISIONS

- | | |
|----|----|
| 1. | 4. |
| 2. | 5. |
| 3. | 6. |

PROJECT NO.: LE 4168 SURVEYOR/DIRECTOR: D. PENROD
DATE: OCTOBER 2022 FIELD SURVEYOR: M. JACOBSON
SCALE: N/A DRAWN: K. ROUNDY
REVISION: CHECKED: B. LUDLOW



LUDLOW ENGINEERING & ASSOCIATES

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1451 South Main, Nephi, Utah 84648 (435) 623-0897 FAX (435) 623-2381

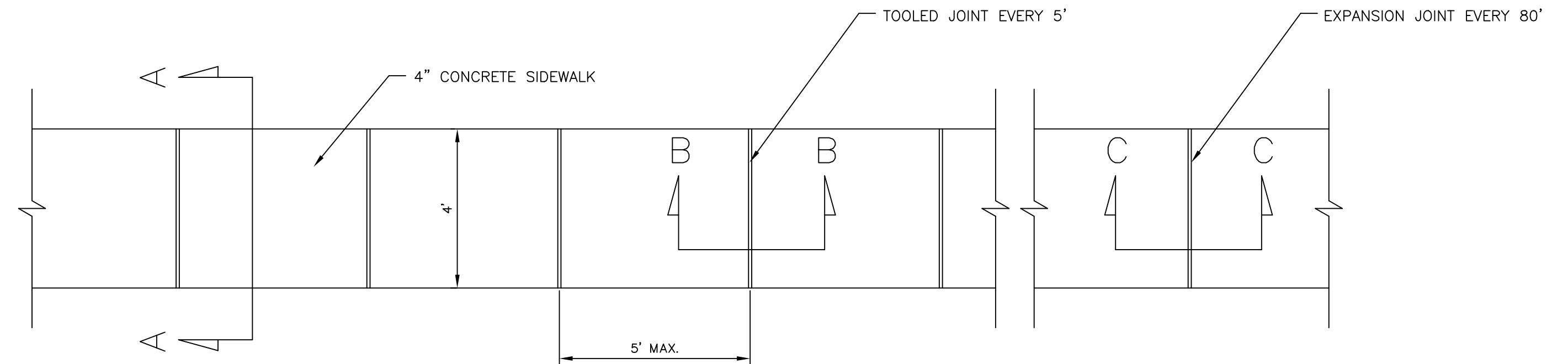
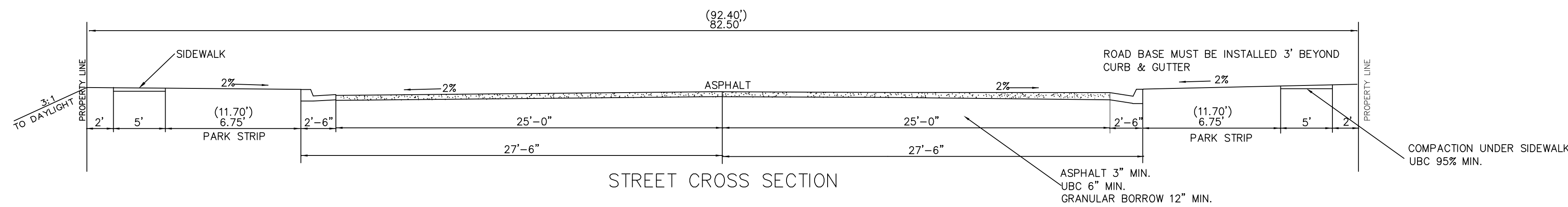
DETAIL SHEET

GUTIERREZ ACRES

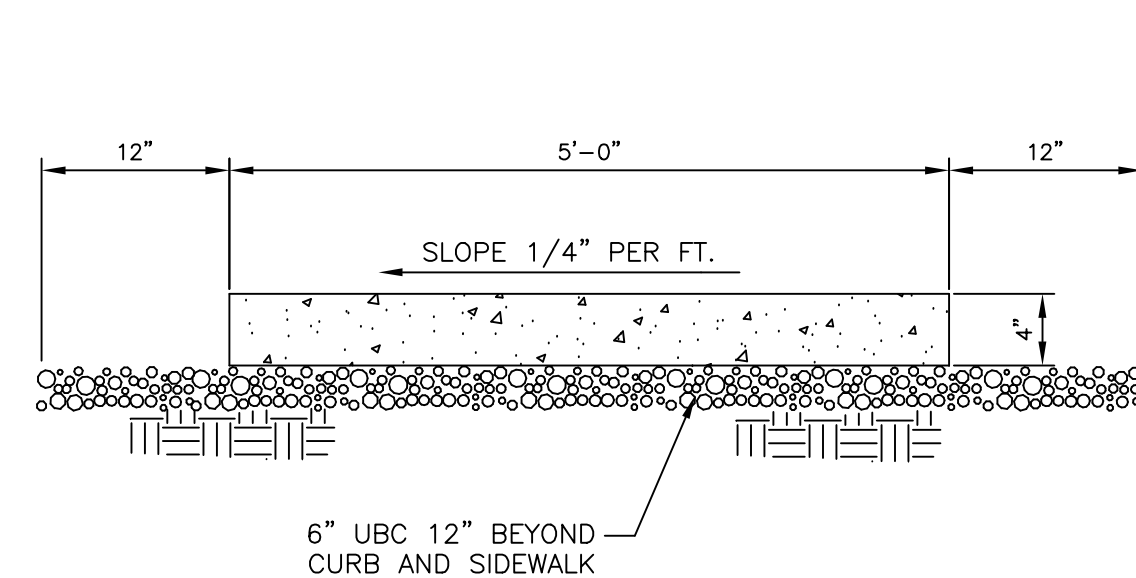
SECTION 9, T 15 S, R 3 E, S1/4 & M.
MORONI CITY, SANPETE COUNTY, UTAH
OCTOBER 2022

SHEET No.

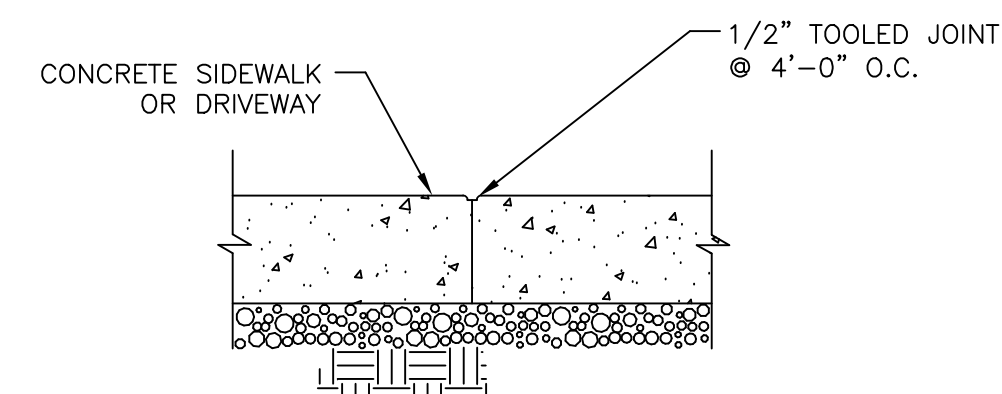
DT-02



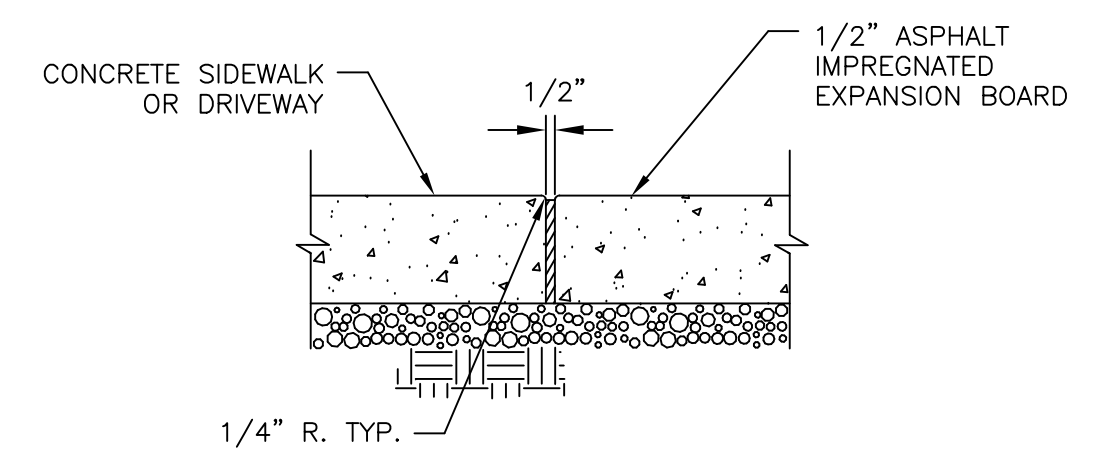
PLAN



SECTION A-A



SECTION B-B

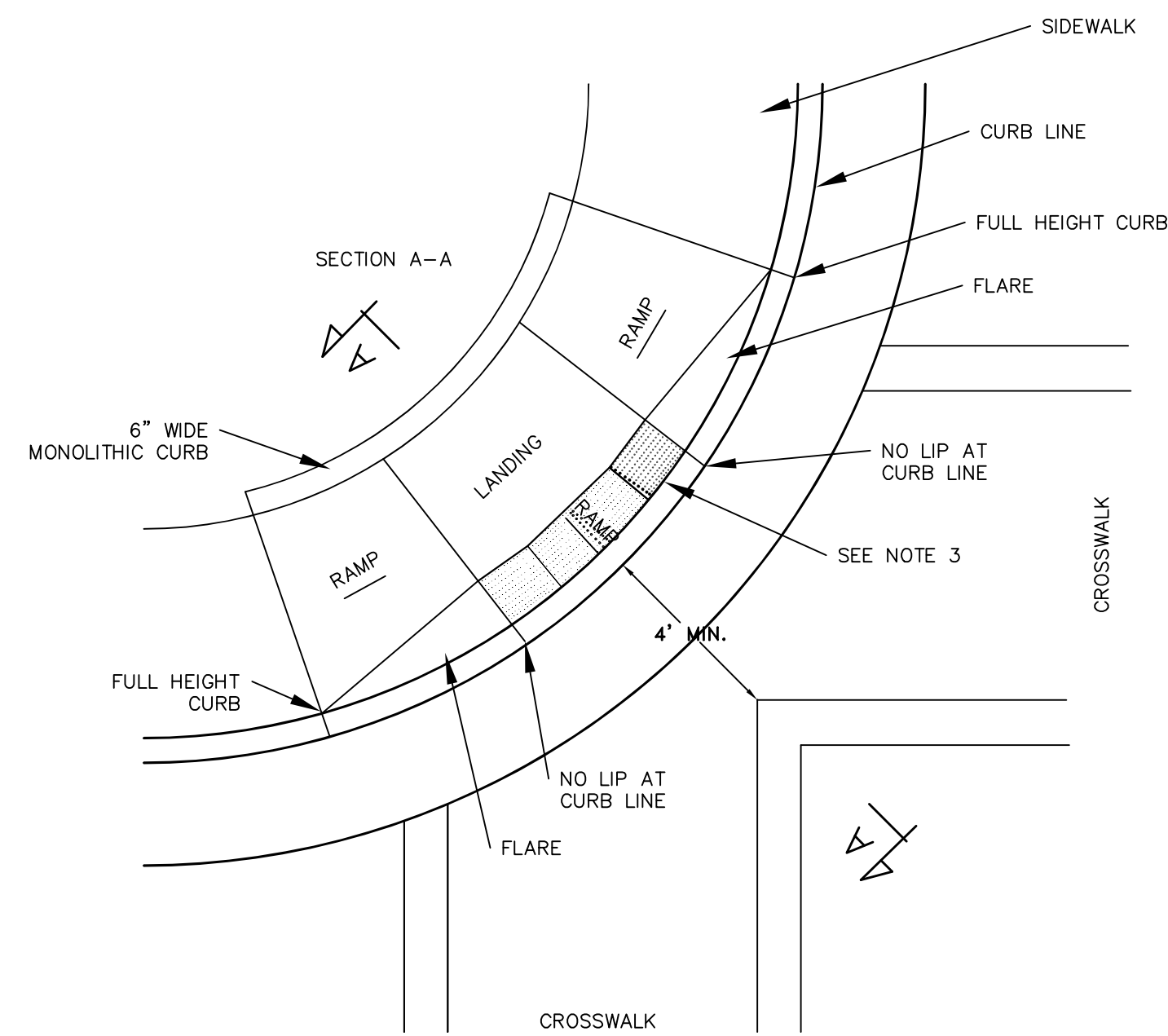


SECTION C-C

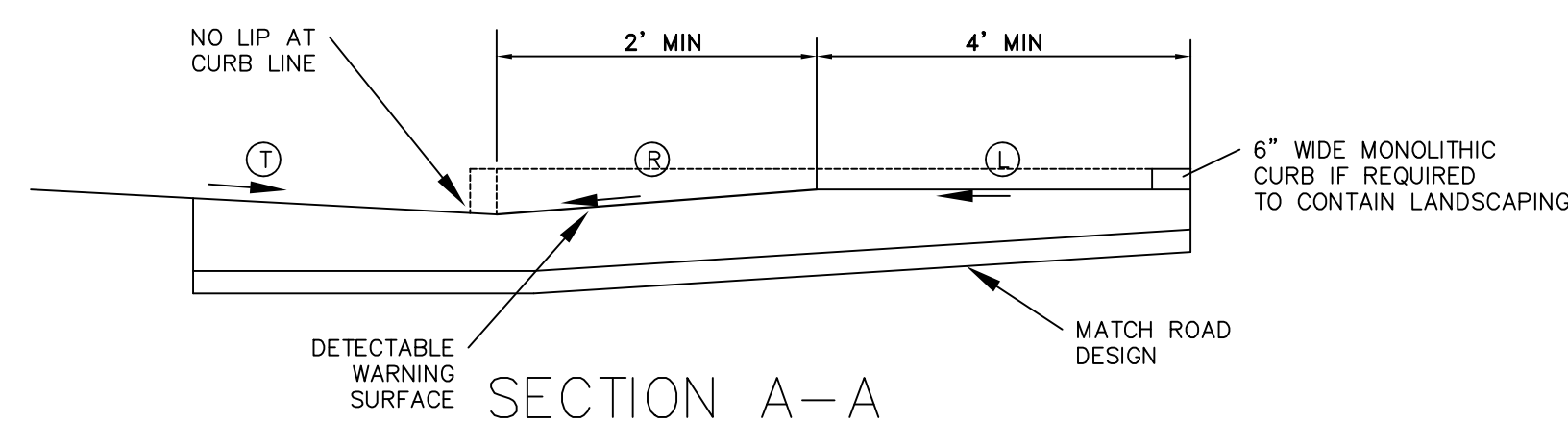
NOTE:
TOOLED JOINT IS TYPICAL FOR CURB,
GUTTER, SIDEWALK, AND BLOCKOUTS

NOTE:
EXPANSION JOINT IS TYPICAL FOR CURB,
GUTTER, SIDEWALK, AND BLOCKOUTS

SIDEWALK DETAILS



CORNER PEDESTRIAN RAMP DETAIL



SECTION A-A

NOTES:

1. REFER TO PEDESTRIAN ACCESS RAMP DETAIL AND SLOPE REQUIREMENTS.
2. PROVIDE DETECTABLE WARNING SURFACE FOR FULL WIDTH OR RAMP LANDING, OR CURB CUT. SEE DETAIL A FOR DETECTABLE WARNING SURFACE DIMENSIONS.
3. LOCATE DETECTABLE WARNING SURFACE SO THAT THE EDGE NEAREST THE STREET IS 6" TO 8" FROM THE CURB LINE.
4. WHEN DETECTABLE WARNING SURFACE IS CUT, GRIND REMAINING PORTION OF ANY CUT DOMES. SEAL ALL CUT PANEL EDGES TO PREVENT WATER DAMAGE.
5. PROVIDE DETECTABLE WARNING SURFACE THAT CONTRASTS WITH ADJACENT WALKING SURFACE, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. ACCEPTABLE COLORS INCLUDE: RED, BLACK, OR YELLOW.
6. CONFIGURATION OF RAMPS AND LANDINGS MAY BE CHANGED BUT MUST MEET PEDESTRIAN RAMP DIMENSION AND SLOPE REQUIREMENTS. SPECIFIC SITE CONDITIONS WILL VARY.
7. WARP FLATWORK TO MATCH TOP OF CURB AND SIDEWALK.
8. LOCATE CURB CUT WITHIN CROSSWALK.
9. USE CLASS AA (AE) CONCRETE.
10. USE UNTREATED BASE COURSE UNDER ALL CONCRETE FLATWORK.

SLOPE TABLE			
	ITEM	MAX. RUNNING SLOPE *	MAX. CROSS SLOPE *
①	LANDING	2% (1V: 48H) (b)	2% (1V: 48H) (b)
②	RAMP	8.33% (1V: 12H) (c)	2% (1V: 48H) (d)
③	TRANSITION	5% (1V: 20H) (a)	2% (1V: 48H) (b)
	SIDEWALK	---	2% (1V: 48H)
	FLARE	10% (1V: 10H)	---

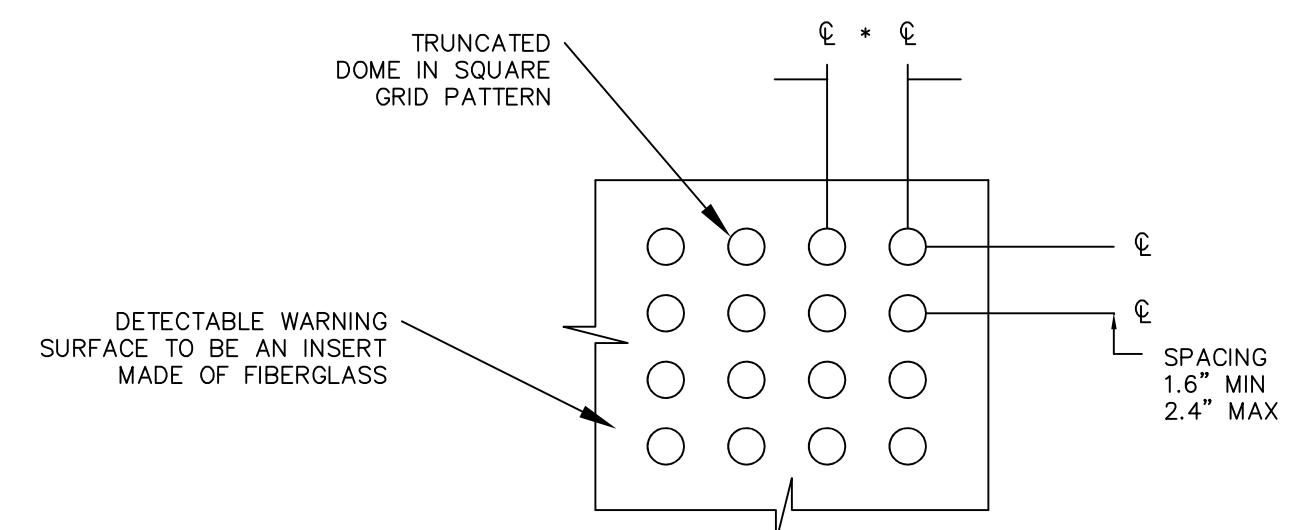
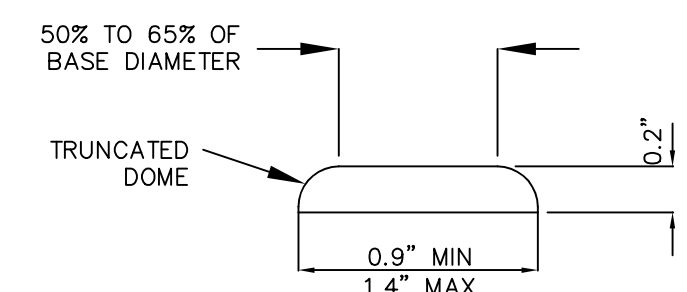
* RUNNING SLOPE IS IN THE DIRECTION OF PEDESTRIAN TRAVEL, WHILE CROSS SLOPE IS PERPENDICULAR TO PEDESTRIAN TRAVEL.

(a) TRANSITION RUNNING SLOPE NEEDS TO BE CONSTANT ACROSS ENTIRE CURB CUT. WARP GUTTER PAN TO MEET REQUIRED TRANSITION SLOPE AT CURB CUT.

EXCEPTION:
(b) SLOPE REQUIREMENTS DO NOT APPLY AT MID-BLOCK CROSSINGS.

(c) PARALLEL RAMPS ARE NOT REQUIRED TO EXCEED 15- FEET IN LENGTH.

(d) CROSS SLOPE REQUIREMENT DOES NOT APPLY AT PERPENDICULAR RAMP MID-BLOCK CROSSING.



DETECTABLE WARNING SURFACE
DETAIL A

REVISIONS

- | | |
|----------|----------|
| 1. _____ | 4. _____ |
| 2. _____ | 5. _____ |
| 3. _____ | 6. _____ |

PROJECT NO.: LE 4168 SURVEYOR/DIRECTOR: D. PENROD
DATE: OCTOBER 2022 FIELD SURVEYOR: M. JACOBSON
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DETAIL SHEET

GUTIERREZ ACRES

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DT-03