

# HIGHLANDS AT ELK RIDGE PHASE II

A RESIDENTIAL SUBDIVISION

ELK RIDGE, UT

FINAL PLAN SET

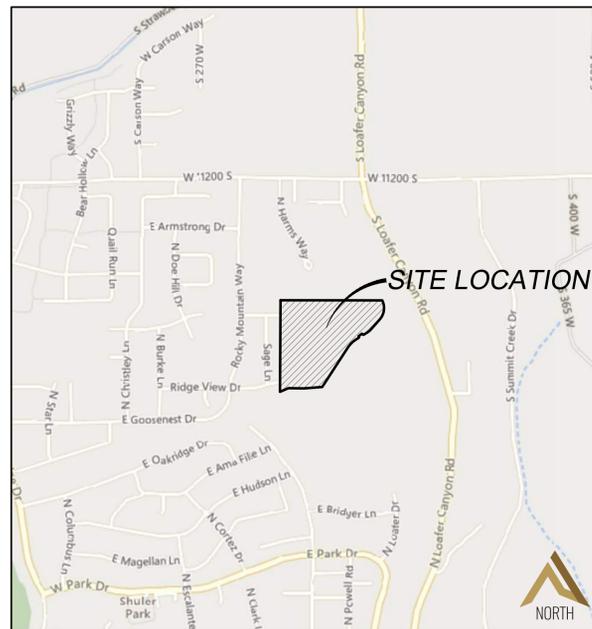
FEBRUARY 2026

## -SHEET INDEX-

UPDATED 3.18.26  
UPDATED 3.18.26

### SHEET SHEET NAME

- 1 COVER
- 2 FINAL PLAT
- 3 UTILITY AND INDEX
- 4 GRADING PLAN
- 5 EXISTING TOPOGRAPHY
- 6 PHASING PLAN



VICINITY MAP  
-NTS-

PP-01	PLAN & PROFILE	- CAMDEN WAY - STA. 09+70 TO STA. 14+50
PP-02	PLAN & PROFILE	- CAMDEN WAY - STA. 14+50 TO STA. 17+60
PP-03	PLAN & PROFILE	- MEADOW LAKE LANE - STA. 09+80 TO STA. 15+00
PP-04	PLAN & PROFILE	- MEADOW LAKE LANE - STA. 15+00 TO STA. 19+50
PP-05	PLAN & PROFILE	- MEADOW LAKE LANE - STA. 19+50 TO STA. 22+80
PP-06	PLAN & PROFILE	- RIDGE VIEW DRIVE - STA. 10+00 TO STA. 15+00
PP-07	PLAN & PROFILE	- RIDGE VIEW DRIVE - STA. 15+00 TO STA. 19+50
PP-08	PLAN & PROFILE	- RIDGE VIEW DRIVE - STA. 19+50 TO STA. 23+50
PP-09	PLAN & PROFILE	- LAYLA LANE - STA. 09+80 TO STA. 13+00
PP-10	PLAN & PROFILE	- LAYLA LANE - STA. 13+00 TO STA. 16+20
DT-01	DETAIL SHEET	
DT-02	DETAIL SHEET	
DT-03	DETAIL SHEET	
DT-04	DETAIL SHEET	
DT-05	DETAIL SHEET	

### LEGEND

(APPLIES TO ALL SHEETS)

	EXISTING POWER POLE
	PROPOSED STREET LIGHT
	EXISTING FIRE HYDRANT
	EXISTING WATER VALVE
	EXISTING STREET LIGHT
	EXISTING SIGN
	PROPOSED FIRE HYDRANT
	PROPOSED WATER VALVE
	PROPERTY BOUNDARY
	CENTERLINE
	RIGHT-OF-WAY LINE
	LOT LINE
	SECTION LINE
	EASEMENT
	EXISTING DEED LINE
	EDGE OF PAVEMENT
	EXISTING OVER HEAD POWER
	EXISTING FENCE LINE
	EXISTING SANITARY SEWER W/MANHOLE
	EXISTING STORM DRAIN W/MH
	EXISTING WATER
	EXISTING PRESSURIZED IRRIGATION
	PROPOSED SEWER
	PROPOSED STORM DRAIN
	PROPOSED CULINARY WATER
	PROPOSED PRESSURIZED IRRIGATION (PURPLE PVC)
	PROPOSED ASPHALT
	PROPOSED CONCRETE/CURB & GUTTER
	REVERSE LIP CURB
	LANDSCAPE AREA

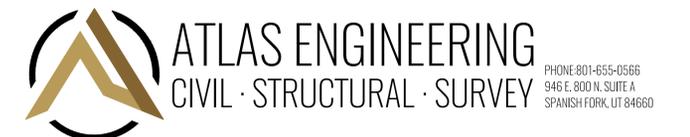
**DATA TABLE**  
 TOTAL ACREAGE=26.54  
 TOTAL # OF LOTS=42  
 TOTAL ACREAGE OF LOTS=21.16  
 ACREAGE IN ROADS=4.88  
 ACREAGE OF OPEN SPACE/PONDS=0.50  
 LOTS/ACRE=1.58  
 ZONING=R-LIVESTOCK

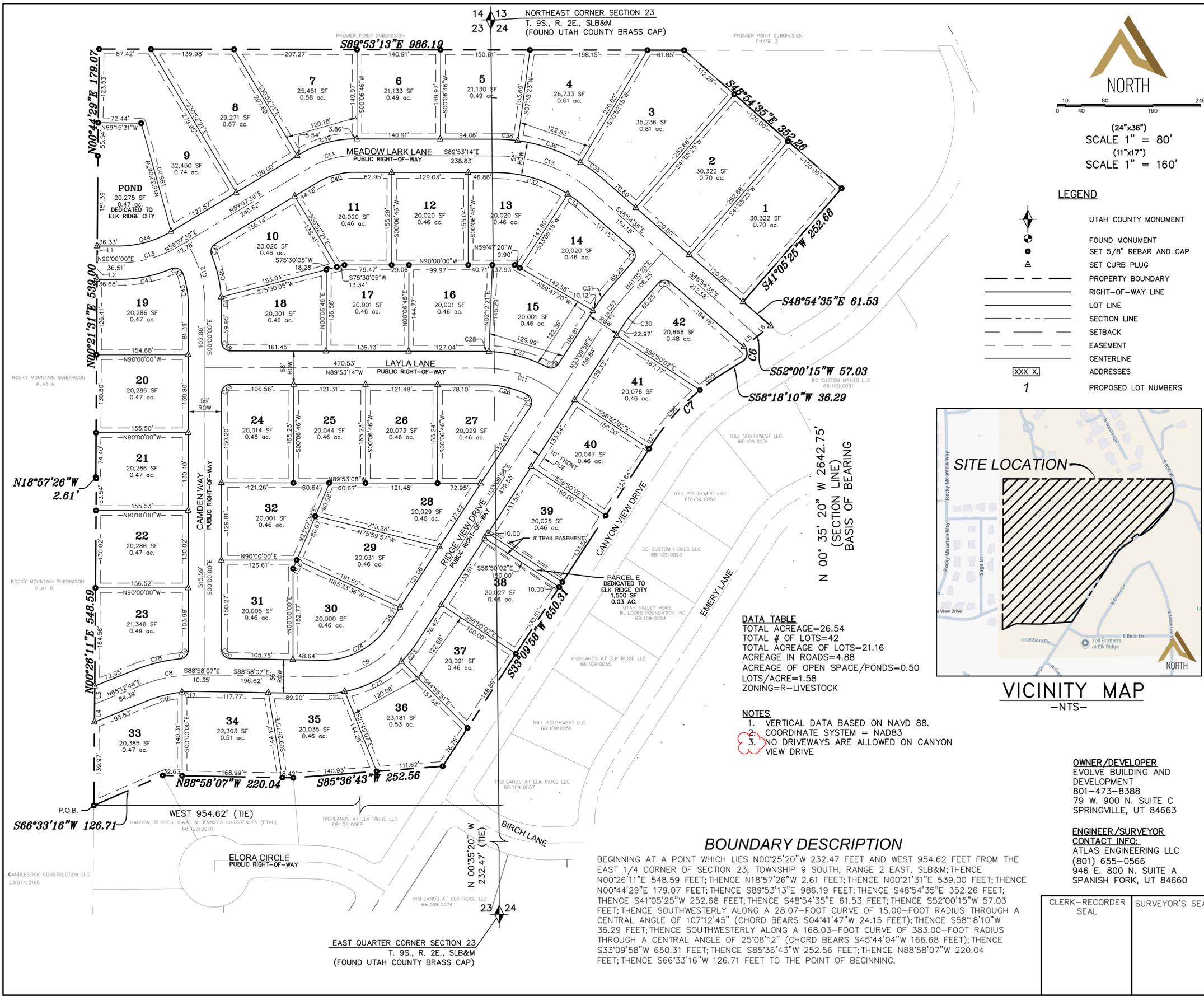
**CONTRACTOR NOTE:**  
 THE SIZE, ELEVATION, & LOCATIONS OF EXISTING IMPROVEMENTS AND UTILITIES SHOWN HEREON ARE ASSUMED AND APPROXIMATELY SHOWN BASED UPON THE FIELD DATA FROM THE SURVEY. ALL SIZES, LOCATIONS & ELEVATIONS ARE TO BE VERIFIED. IF THERE ARE DIFFERENCES OR DISCREPANCIES, ATLAS ENGINEERING, LLC NEEDS TO BE NOTIFIED BEFORE CONSTRUCTION. ATLAS ENGINEERING, LLC WILL NOT BE LIABLE OR RESPONSIBLE FOR REMOVAL, CONSTRUCTION, OR INSTALLATION OF IMPROVEMENTS THAT ARE NOT IN ACCORDANCE WITH THESE PLANS. ANY AND ALL CHANGES OR VARIATIONS IN THE REMOVAL, CONSTRUCTION OR INSTALLATION OF THE IMPROVEMENTS MADE WITHOUT THE APPROVAL OF THE DESIGNER WILL RESULT IN SOLE LIABILITY TO THE CONTRACTOR. IN ADDITION, ATLAS ENGINEERING, LLC ASSUMES NO RESPONSIBILITY FOR ANY AND ALL EXISTING UTILITIES NOT SHOWN ON THIS PLAN AND ASSUMES NO LIABILITY FOR FAILURE TO EXACTLY LOCATE ALL EXISTING UTILITIES, SHOULD THERE BE INCIDENT.

**ENGINEER/SURVEYOR CONTACT INFO:**  
 ATLAS ENGINEERING LLC  
 (801) 655-0566  
 946 E. 800 N. SUITE A  
 SPANISH FORK, UT 84660

**OWNER/DEVELOPER:**  
 EVOLVE BUILDING AND DEVELOPMENT  
 801-473-8388  
 79 W. 900 N. SUITE C  
 SPRINGVILLE, UT 84663

## HIGHLANDS AT ELK RIDGE PHASE II





**SURVEYOR'S CERTIFICATE**

I, MATTHEW B. JUDD DO HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR, AND THAT I HOLD CERTIFICATE NO. 167268 AS PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY BY AUTHORITY OF THE OWNERS, I HAVE MADE A SURVEY OF SAID TRACT OF LAND SHOWN ON THIS PLAT AND DESCRIBED BELOW, AND HAVE SUBDIVIDED SAID TRACT OF LAND INTO LOTS, STREETS, AND EASEMENTS AND THAT THE SAME HAS BEEN CORRECTLY SURVEYED AND STAKED ON THE GROUND AS SHOWN ON THIS PLAT AND THAT THIS IS TRUE AND CORRECT.

DATE \_\_\_\_\_

**BOUNDARY DESCRIPTION**

SEE DESCRIPTION TO THE LEFT.  
 CONTAINING 26.55 ACRES, MORE OR LESS.

**OWNER'S DEDICATION**

(I) WE, \_\_\_\_\_ BEING THE UNDERSIGNED OWNER(S) OF ALL THE PROPERTY DESCRIBED IN THE SURVEYOR'S CERTIFICATE HEREON AND SHOWN ON THIS MAP, HAVE CAUSED THE SAME TO BE SUBDIVIDED INTO LOTS, STREETS, AND EASEMENTS AND DO HEREBY DEDICATE THE STREETS AND OTHER PUBLIC AREAS AS INDICATED HEREON FOR PERPETUAL USE OF THE PUBLIC.

IN WITNESS WHEREOF WE HAVE HEREUNTO SET OUR HANDS(S) THIS DAY OF \_\_\_\_\_ A.D. 2026.

MEMBER: \_\_\_\_\_  
 MEMBER: \_\_\_\_\_  
 MEMBER: \_\_\_\_\_

**CORPORATE ACKNOWLEDGMENT**

STATE OF UTAH \_\_\_\_\_ S.S.  
 COUNTY OF UTAH \_\_\_\_\_  
 ON THE \_\_\_\_\_ DAY OF \_\_\_\_\_, A.D. 2025 PERSONALLY APPEARED BEFORE ME \_\_\_\_\_ WHOSE IDENTITY IS PERSONALLY KNOWN TO ME OR PROVEN IN THE BASIS OF SATISFACTORY EVIDENCE AND WHO BY ME DULY SWORN/AFFIRED, DID SAY THAT THEY ARE THE \_\_\_\_\_ OF \_\_\_\_\_ AND THAT SAID DOCUMENT WAS SIGNED BY THEM IN BEHALF OF SAID \_\_\_\_\_ BY AUTHORITY OF ITS BYLAWS, OR RESOLUTION OF ITS BOARD OF DIRECTORS, AND SAID ACKNOWLEDGED TO ME THAT SAID \_\_\_\_\_ EXECUTED THE SAME.

A NOTARY PUBLIC COMMISSIONED IN THE STATE OF UTAH

COMMISSION NUMBER / EXPIRES \_\_\_\_\_ PRINTED FULL NAME OF NOTARY \_\_\_\_\_

**ACCEPTANCE BY LEGISLATIVE BODY**

THE \_\_\_\_\_ OF \_\_\_\_\_ COUNTY OF UTAH, APPROVES THIS SUBDIVISION AND HEREBY ACCEPTS THE DEDICATION OF ALL STREETS, EASEMENTS, AND OTHER PARCELS OF LAND INTENDED FOR PUBLIC PURPOSES FOR THE PERPETUAL USE OF THE PUBLIC THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ A.D. 2026.

APPROVED \_\_\_\_\_ APPROVED \_\_\_\_\_  
 CITY MANAGER CITY ATTORNEY

APPROVED \_\_\_\_\_ ATTEST \_\_\_\_\_  
 ENGINEER (SEE SEAL) CLERK-RECORDER

APPROVED \_\_\_\_\_  
 COMMUNITY DEVELOPMENT DIRECTOR

**HIGHLANDS AT ELK RIDGE PHASE II**  
 A RESIDENTIAL SUBDIVISION IN ELK RIDGE, UTAH  
 INCLUDING AN AMENDMENT OF PARCEL A  
 OF HIGHLANDS AT ELK RIDGE PHASE I  
 CONTAINING 42 LOTS AND 26.54 ACRES.  
 LOCATED IN THE EAST 1/4 CORNER OF SECTION 23, OF TOWNSHIP 9 SOUTH,  
 RANGE 2 EAST, SALT LAKE BASE AND MERIDIAN, UTAH COUNTY, UTAH.

**SHEET 1 OF 2**

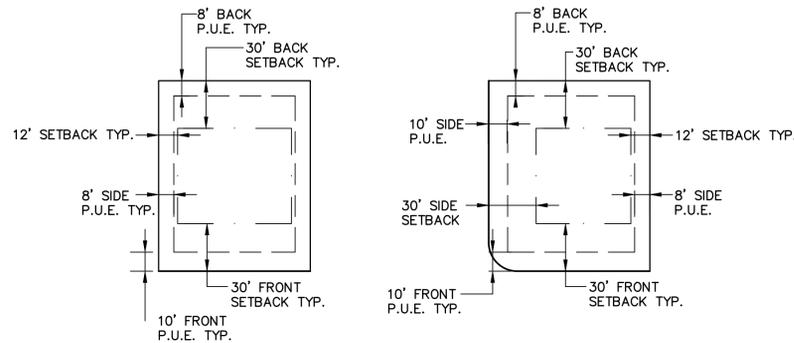
CLERK-RECORDER SEAL	SURVEYOR'S SEAL	NOTARY PUBLIC SEAL	CITY ENGINEER SEAL	COUNTY RECORDER SEAL
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LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S0°21'31"W	28.00'
L2	S0°21'31"W	28.00'
L3	S0°26'11"W	30.25'
L4	S0°26'11"W	30.25'
L5	N52°00'15"E	28.52'
L6	N52°00'15"E	28.52'

CURVE TABLE					
CURVE	LENGTH	RADIUS	CHORD DIST.	CHORD BRG.	DELTA
C6	28.07'	15.00'	24.15'	S4°41'47"W	107°12'45"
C7	168.03'	383.00'	166.68'	S45°44'04"W	25°08'12"
C8	99.57'	250.00'	98.91'	N79°37'18"E	22°49'10"
C9	161.59'	160.00'	154.81'	N62°05'56"E	57°51'55"
C11	135.40'	200.00'	132.83'	N70°29'31"W	38°47'25"
C12	113.99'	200.00'	112.45'	S16°19'39"E	32°39'17"
C13	107.77'	200.00'	106.47'	N74°33'49"E	30°52'21"
C14	81.12'	150.00'	80.13'	N74°37'12"E	30°59'07"
C15	178.80'	250.00'	175.01'	S69°23'55"E	40°58'39"
C16	60.79'	222.00'	60.60'	N76°03'26"E	15°41'25"
C17	27.62'	222.00'	27.60'	N87°28'01"E	7°07'44"
C18	78.96'	278.00'	78.69'	S76°20'56"W	16°16'24"
C19	22.12'	15.00'	20.17'	S42°14'34"W	84°29'08"
C20	23.29'	15.00'	21.02'	N44°29'03"W	88°58'07"
C21	40.01'	188.00'	39.93'	N84°56'07"E	12°11'33"
C22	109.60'	188.00'	108.06'	N62°08'14"E	33°24'12"
C23	40.26'	188.00'	40.18'	N39°18'03"E	12°16'10"
C24	133.33'	131.81'	127.72'	S62°05'56"W	57°57'18"
C25	25.77'	15.00'	22.71'	S16°02'50"E	98°25'36"
C26	73.93'	172.00'	73.36'	S77°34'26"E	24°37'36"

CURVE TABLE					
CURVE	LENGTH	RADIUS	CHORD DIST.	CHORD BRG.	DELTA
C27	101.58'	228.00'	100.74'	N75°01'50"W	25°31'38"
C28	8.33'	228.00'	8.33'	N88°50'26"W	2°05'35"
C29	22.14'	15.00'	20.18'	S75°26'59"W	84°34'01"
C30	23.79'	172.00'	23.77'	N37°07'41"E	7°55'27"
C31	31.53'	228.00'	31.51'	S37°07'41"W	7°55'27"
C32	23.56'	15.00'	21.21'	S3°54'35"E	90°00'00"
C33	23.56'	15.00'	21.21'	N86°05'25"E	90°00'00"
C34	30.94'	222.00'	30.91'	S52°54'09"E	7°59'07"
C35	49.58'	278.00'	49.52'	N54°01'10"W	10°13'10"
C36	112.72'	278.00'	111.95'	N70°44'41"W	23°13'51"
C37	127.83'	222.00'	126.07'	S73°23'28"E	32°59'32"
C38	36.52'	278.00'	36.50'	N86°07'25"W	7°31'38"
C39	96.26'	178.00'	95.09'	S74°37'12"W	30°59'07"
C40	65.98'	122.00'	65.18'	N74°37'12"E	30°59'07"
C41	21.28'	15.00'	19.54'	N18°28'49"E	81°17'39"
C42	24.77'	15.00'	22.05'	S65°31'50"E	94°37'43"
C43	90.91'	228.00'	90.31'	N78°34'39"E	22°50'41"
C44	92.68'	172.00'	91.56'	S74°33'49"W	30°52'21"
C45	54.68'	172.00'	54.45'	S9°06'29"E	18°12'59"
C46	72.71'	228.00'	72.41'	N13°01'50"W	18°16'21"

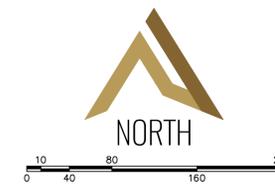
CURVE TABLE					
CURVE	LENGTH	RADIUS	CHORD DIST.	CHORD BRG.	DELTA
C47	15.50'	228.00'	15.49'	N1°56'50"W	3°53'40"
C48	23.53'	15.00'	21.19'	N44°56'37"W	89°53'14"
C49	23.59'	15.00'	21.23'	N45°03'23"E	90°06'46"
C55	50.90'	383.00'	50.86'	S54°29'44"W	7°36'52"
C56	117.13'	383.00'	116.67'	S41°55'38"W	17°31'20"
C57	27.66'	200.00'	27.64'	N37°07'41"E	7°55'27"



INTERIOR LOT CORNER LOT  
DETAIL - TYPICAL BUILDING SETBACK AND EASEMENT  
-NTS-

**ENBRIDGE GAS COMPANY**  
ENBRIDGE GAS COMPANY HEREBY APPROVES THIS PLAT SOLELY FOR THE PURPOSES OF CONFIRMING THAT THE PLAT CONTAINS PUBLIC UTILITY EASEMENTS. ENBRIDGE MAY REQUIRE ADDITIONAL EASEMENTS IN ORDER TO SERVE THIS DEVELOPMENT. THIS APPROVAL DOES NOT CONSTITUTE ABROGATION OR WAIVER OF ANY OTHER EXISTING RIGHTS, OBLIGATIONS, OR LIABILITIES INCLUDING PRESCRIPTIVE RIGHTS AND OTHER RIGHTS, OBLIGATIONS OR LIABILITIES PROVIDED BY LAW OR EQUITY. THIS APPROVAL DOES NOT CONSTITUTE ACCEPTANCE, APPROVAL, OR ACKNOWLEDGEMENT OF ANY TERMS CONTAINED IN THE PLAT, INCLUDING THOSE SET FORTH IN THE OWNER'S DEDICATION OR IN THE NOTES, AND DOES NOT CONSTITUTE A GUARANTEE OF PARTICULAR TERMS OR CONDITIONS OF NATURAL GAS SERVICE. FOR FURTHER INFORMATION PLEASE CONTACT ENBRIDGE RIGHT-OF-WAY DEPARTMENT AT 1-800-366-8532.

ENBRIDGE GAS COMPANY  
APPROVED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 2026  
BY \_\_\_\_\_  
TITLE \_\_\_\_\_



(24"x36")  
SCALE 1" = 80'  
(11"x17")  
SCALE 1" = 160'

NO.	REVISIONS	BY	DATE	REV. COGO FILE	DESIGNED BY:	DATE:
5					DRAWN BY:	DATE:
4					CHECKED BY:	DATE:
3					APPROVED:	DATE:
2					COGO FILE:	DATE:
1						DATE:



ENGINEER CONTACT INFO:  
ATLAS ENGINEERING  
PHONE: 801-655-0566  
946 EAST 800 NORTH SUITE A  
SPANISH FORK, UT 84660

**HIGHLANDS AT ELK RIDGE PHASE II**

CONTAINING 42 LOTS AND 26.54 ACRES.  
LOCATED IN THE EAST ¼ CORNER OF SECTION 23, OF TOWNSHIP 9 SOUTH,  
RANGE 2 EAST, SALT LAKE BASE AND MERIDIAN, UTAH COUNTY, UTAH.

PLAT MAP  
ELK RIDGE, UTAH

SHEET  
2 OF 2

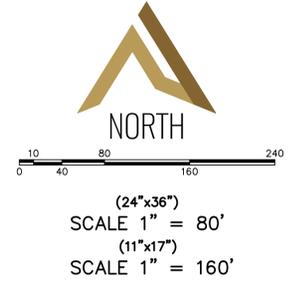


**POND DETAILS:**  
 TOP OF FREEBOARD: 5033'  
 TOP OF POND: 5032'  
 BOTTOM OF POND: 5029'  
 STORAGE REQ: 23,620CF  
 STORAGE PROV: 24,700CF  
 (INSTALL 4" MIN. THICKNESS ROCK LAYER ON POND AREA AND WEED BARRIER ON POND SLOPES.)

- CONSTRUCTION NOTES**
- 1 CONST. ADA RAMP PER ELK RIDGE CITY STANDARDS.
  - 2 LOCATE AND TIE TO EXISTING CULINARY WATERLINE.
  - 3 INSTALL FIRE HYDRANT ASSEMBLY PER ELK RIDGE CITY STANDARDS.
  - 4 INSTALL STOP SIGN PER ELK RIDGE CITY STANDARDS.
  - 5 INSTALL STREET SIGN PER ELK RIDGE CITY STANDARDS.
  - 6 EXISTING FENCE TO BE REMOVED.
  - 7 EXISTING FENCE TO REMAIN.
  - 8 EXISTING POSSIBLE ELECTRICAL LINE TO BE RELOCATED. CONTRACTOR TO VERIFY AND COORDINATE.
  - 9 EXISTING FIBER BOX TO BE RELOCATED OUT OF PROPOSED SIDEWALK.
  - 10 LOCATE AND TIE TO EXISTING STORM DRAIN.
  - 11 EXISTING POSSIBLE ELECTRICAL BOX TO BE RELOCATED. CONTRACTOR TO VERIFY AND COORDINATE.
  - 12 EX. ELECTRICAL BOX TO REMAIN.
  - 13 LOCATE AND TIE TO EXISTING SEWER MANHOLE.
  - 14 CONST. CONCRETE PAD FOR CLUSTER MAILBOX.
  - 15 PROVIDE A 10'x20' RIP RAP ARMORED PAD AT FLARED END SECTION.
  - 16 CONST. 10' ASPHALT TRAIL CONNECTION (SEE DETAIL ON DT-01).
  - 17 CONST. 8' ASPHALT TRAIL ALONG EXIST. ROADWAY (SEE DETAIL ON DT-01).
  - 18 INSTALL PRESSURE REDUCING VALVE PER ELK RIDGE CITY STANDARDS.
  - 19 INSTALL 6" CHAIN LINK FENCE.
  - 20 EXISTING GAS LINE TO REMAIN.
- NOTE: ALL CURB INLETS TO INCLUDE SNOOTS PER APWA AND M54 STANDARDS.

**LEGEND**

- EXISTING POWER POLE
- PROPOSED STREET LIGHT
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING STREET LIGHT
- EXISTING SIGN
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
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- RIGHT-OF-WAY LINE
- LOT LINE
- SECTION LINE
- EASEMENT
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- EDGE OF PAVEMENT
- EXISTING OVER HEAD POWER
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- EXISTING WATER
- EXISTING PRESSURIZED IRRIGATION
- PROPOSED SEWER
- PROPOSED STORM DRAIN
- PROPOSED CULINARY WATER
- PROPOSED PRESSURIZED IRRIGATION (PURPLE PVC)
- PROPOSED ASPHALT
- PROPOSED CONCRETE/CURB & GUTTER
- REVERSE LIP CURB
- LANDSCAPE AREA



SHEET NO.

3

UTILITY AND INDEX

ELK RIDGE, UT

HIGHLANDS AT ELK RIDGE PHASE II

**ATLAS ENGINEERING**  
 CIVIL · STRUCTURAL · SURVEY

PHONE: 801-555-6565  
 946 E. BOON, SUITE A  
 SPANISH FORK, UT 84603



NO.	REVISIONS	BY	DATE
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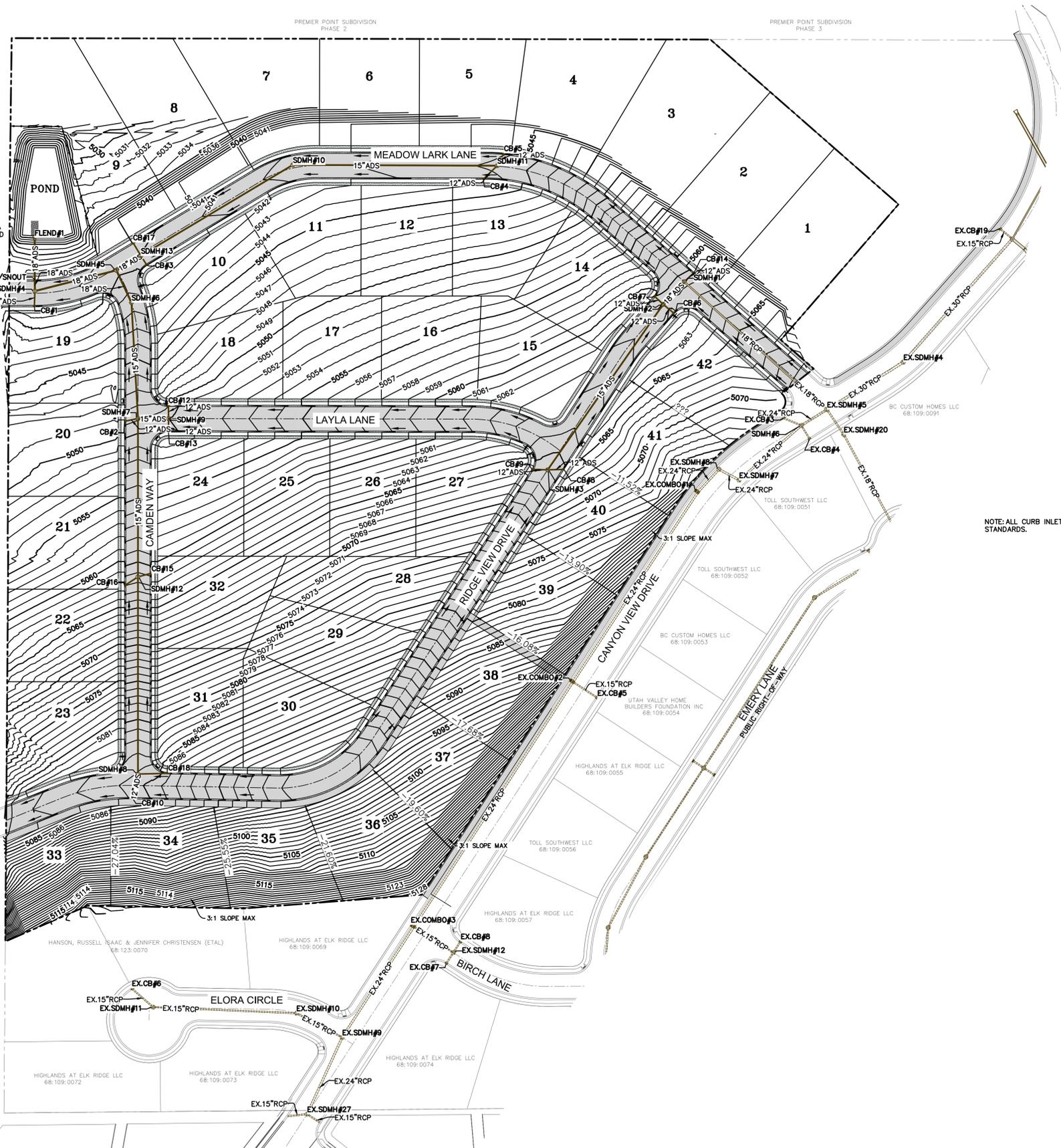
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POND DETAILS:  
 TOP OF FREEBOARD: 5033'  
 TOP OF POND: 5032'  
 BOTTOM OF POND: 5029'  
 STORAGE REQ: 23,620CF  
 STORAGE PROV: 24,700CF  
 (INSTALL 4" MIN. THICKNESS  
 ROCK LAYER ON POND AREA  
 AND WEED BARRIER ON POND  
 SLOPES.)

ROCKY MOUNTAIN SUBDIVISION  
 PLAT A

ROCKY MOUNTAIN SUBDIVISION  
 PLAT B

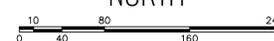
CANDLESTICK CONSTRUCTION LLC  
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NOTE: ALL CURB INLETS TO INCLUDE SNOOTS PER APWA AND MS4 STANDARDS.

LEGEND

- EXISTING POWER POLE
- PROPOSED STREET LIGHT
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING STREET LIGHT
- EXISTING SIGN
- PROPOSED FIRE HYDRANT
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- LOT LINE
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- EASEMENT
- EXISTING DEED LINE
- EOP
- EDGE OF PAVEMENT
- EXH OHP
- EXISTING OVER HEAD POWER
- EXISTING FENCE LINE
- EX-S.S
- EXISTING SANITARY SEWER W/MANHOLE
- EX-S.D
- EXISTING STORM DRAIN W/MH
- EX-CUL
- EXISTING WATER
- EX-PI
- EXISTING PRESSURIZED IRRIGATION
- 8"SS
- PROPOSED SEWER
- 15"SD
- PROPOSED STORM DRAIN
- 8"CUL
- PROPOSED CULINARY WATER
- 6"PI
- PROPOSED PRESSURIZED IRRIGATION (PURPLE PVC)
- PROPOSED ASPHALT
- PROPOSED CONCRETE/CURB & GUTTER
- REVERSE LIP CURB
- LANDSCAPE AREA



(24"x36")  
 SCALE 1" = 80'  
 (11"x17")  
 SCALE 1" = 160'

SHEET NO.

4

NO.	REVISIONS	DATE
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GRADING PLAN

ELK RIDGE, UT

HIGHLANDS AT ELK RIDGE PHASE II

**ATLAS ENGINEERING**  
 CIVIL · STRUCTURAL · SURVEY

PHONE: 801-955-6566  
 946 E. BOON, SUITE A  
 SPANISH FORK, UT 84601

C:\USERS\BRENNAN\ONEDRIVE - ATLAS ENGINEERING\1.0 OPERATIONS - COMMUNICATION SITE\1.1 - CIVIL\2023\12-028 HIGHLANDS PHASE II\CADD\FINAL\PHASE 2\04-GRADING PLAN.DWG



**LEGEND**

- EXISTING POWER POLE
- PROPOSED STREET LIGHT
- EXISTING FIRE HYDRANT
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- PROPOSED CULINARY WATER
- PROPOSED PRESSURIZED IRRIGATION (PURPLE PVC)
- PROPOSED ASPHALT
- PROPOSED CONCRETE/CURB & GUTTER
- REVERSE LIP CURB
- LANDSCAPE AREA

NORTH

(24"x36")  
SCALE 1" = 80'  
(11"x17")  
SCALE 1" = 160'

SHEET NO.

5

NO.	DATE	BY	REVISIONS
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1			

EXISTING TOPOGRAPHY

ELK RIDGE, UT

HIGHLANDS AT ELK RIDGE PHASE II

**ATLAS ENGINEERING**  
CIVIL · STRUCTURAL · SURVEY

PHONE: 801-555-6565  
946 E. 800 N. SUITE A  
SPANISH FORK, UT 84603

C:\USERS\BRENNAN\ONEDRIVE - ATLAS ENGINEERING\1.0 OPERATIONS - COMMUNICATION SITE\1.1 - CIVIL\2022\12-028 HIGHLANDS PHASE II\CADD\FINAL PHASE 2\05-EXISTING TOPOGRAPHY.DWG



**LEGEND**

- EXISTING POWER POLE
- PROPOSED STREET LIGHT
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING STREET LIGHT
- EXISTING SIGN
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
- PROPERTY BOUNDARY
- CENTERLINE
- RIGHT-OF-WAY LINE
- LOT LINE
- SECTION LINE
- EASEMENT
- EXISTING DEED LINE
- EOP
- EXISTING OVER HEAD POWER
- EXISTING FENCE LINE
- EXISTING SANITARY SEWER W/MANHOLE
- EXISTING STORM DRAIN W/MH
- EXISTING WATER
- EXISTING PRESSURIZED IRRIGATION
- PROPOSED SEWER
- PROPOSED STORM DRAIN
- PROPOSED CULINARY WATER
- PROPOSED PRESSURIZED IRRIGATION (PURPLE PVC)
- PROPOSED ASPHALT
- PROPOSED CONCRETE/CURB & GUTTER
- REVERSE LIP CURB
- LANDSCAPE AREA

**DATA TABLE**  
 PHASE 2 LOT COUNT: 16  
 PHASE 3 LOT COUNT: 13  
 PHASE 4 LOT COUNT: 13

NORTH

0 40 80 160 240

(24"x36")  
 SCALE 1" = 80'  
 (11"x17")  
 SCALE 1" = 160'

SHEET NO. **6**

NO.	REVISIONS	BY	DATE
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**PHASING PLAN**

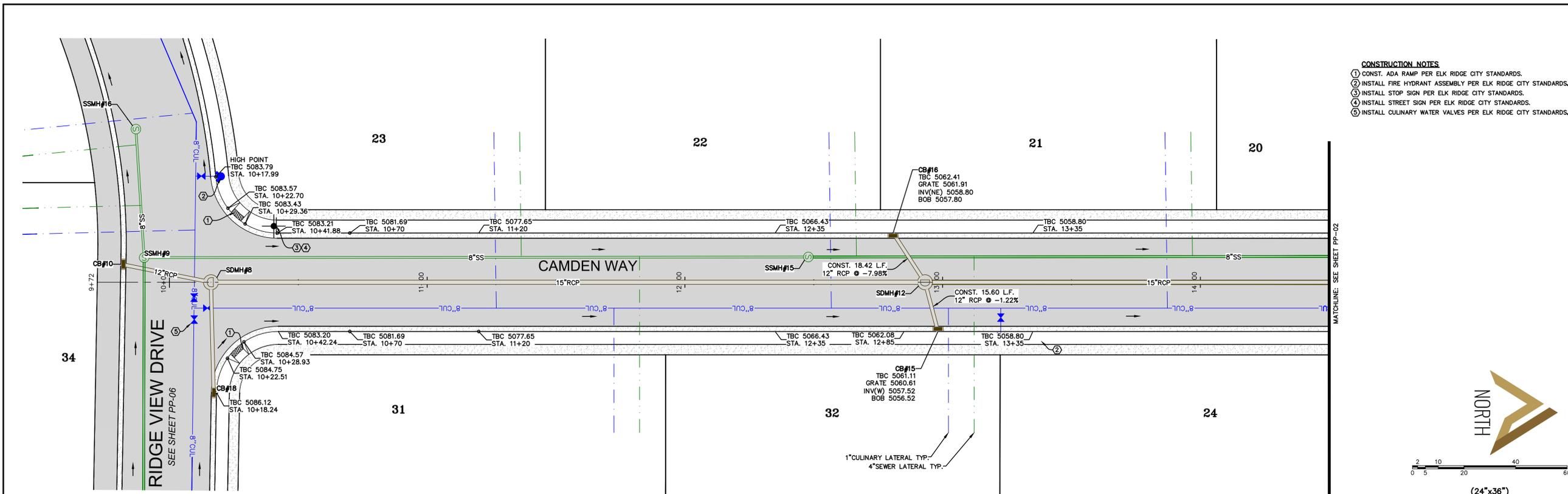
**ELK RIDGE, UT**

**HIGHLANDS AT ELK RIDGE PHASE II**

**ATLAS ENGINEERING**  
 CIVIL · STRUCTURAL · SURVEY

PHONE: 801-455-4565  
 946 E. BOON SUITE A  
 SPANISH FORK, UT 84601

G:\USERS\BRENNAN\ONEDRIVE - ATLAS ENGINEERING\1.0 OPERATIONS - COMMUNICATION SITE\1.1 - CIVIL\2022\12-028 HIGHLANDS PHASE II\CADD\FINAL\PHASE 2\06-PHASING PLAN.DWG



- CONSTRUCTION NOTES**
- ① CONST. ADA RAMP PER ELK RIDGE CITY STANDARDS.
  - ② INSTALL FIRE HYDRANT ASSEMBLY PER ELK RIDGE CITY STANDARDS.
  - ③ INSTALL STOP SIGN PER ELK RIDGE CITY STANDARDS.
  - ④ INSTALL STREET SIGN PER ELK RIDGE CITY STANDARDS.
  - ⑤ INSTALL CULINARY WATER VALVES PER ELK RIDGE CITY STANDARDS.



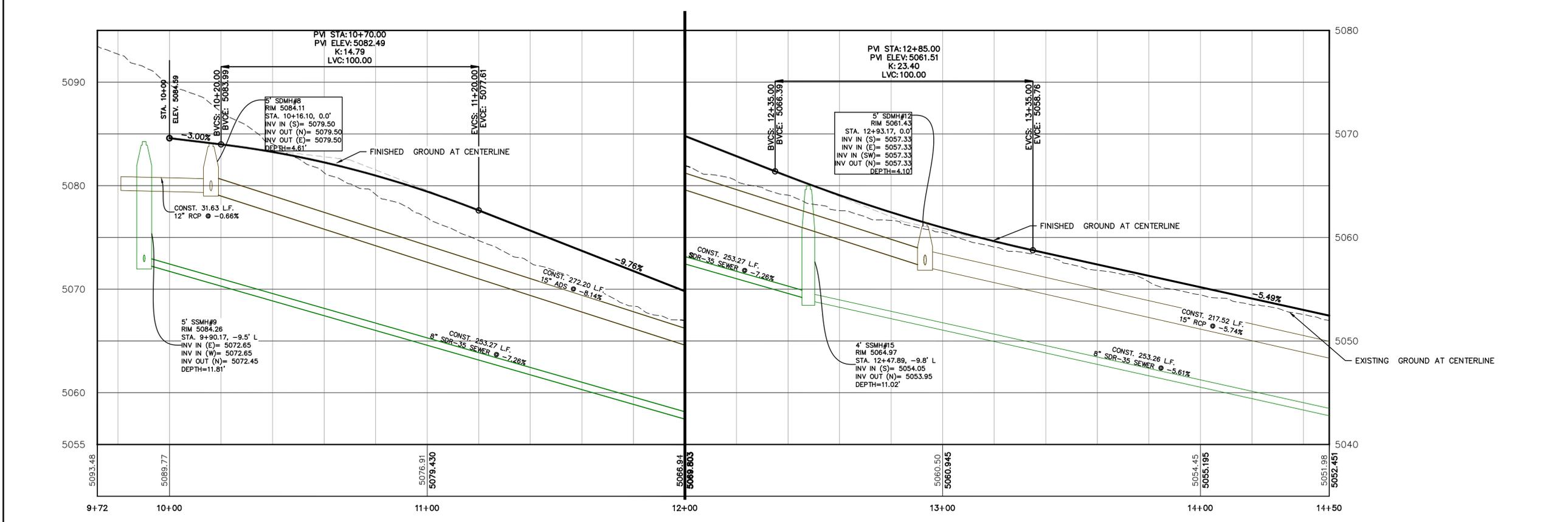
SCALE 1" = 20'  
(24"x36")  
SCALE 1" = 40'  
(11"x17")

SHEET NO.  
**PP-01**

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CAMDEN WAY  
STA. 09+70 TO STA. 14+50

ELK RIDGE, UT

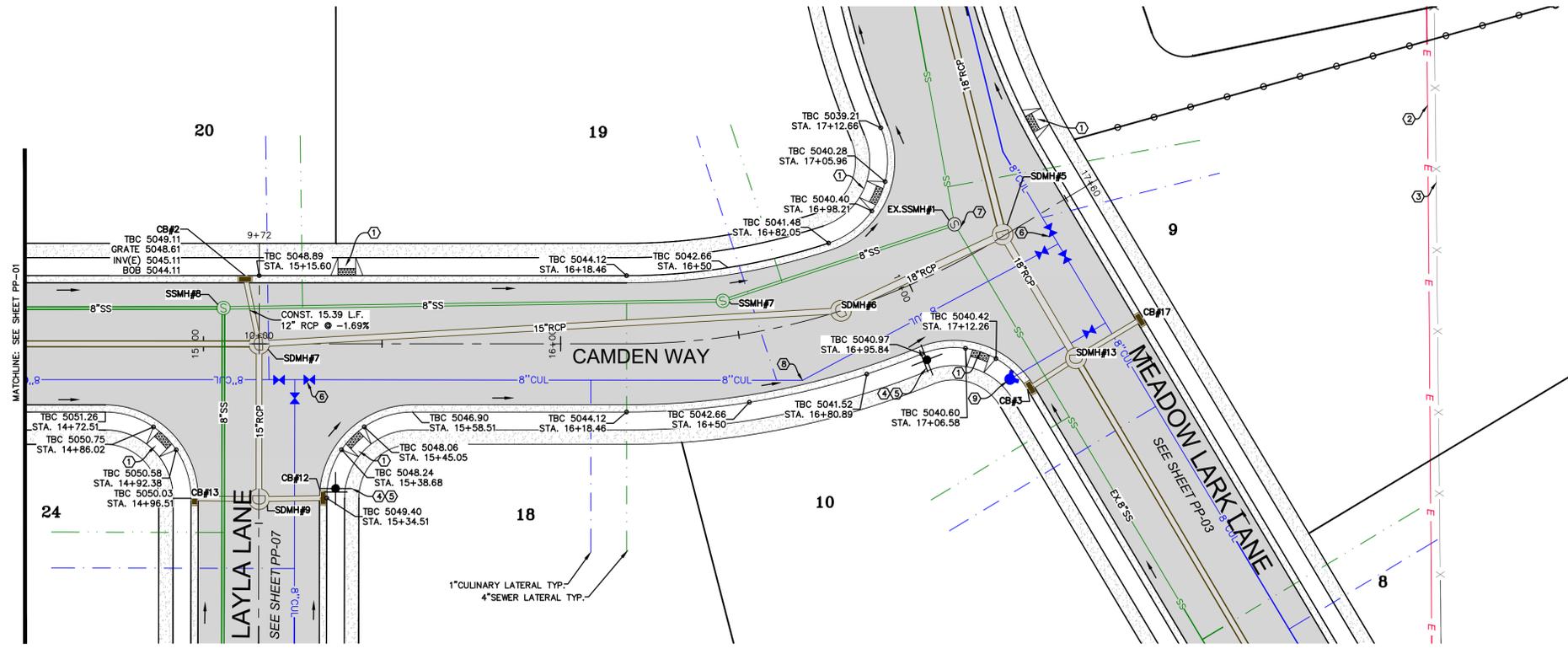


HIGHLANDS AT ELK RIDGE PHASE II

ATLAS ENGINEERING  
CIVIL · STRUCTURAL · SURVEY

PHONE: 801-455-4566  
946 E. BOON SUITE A  
SPANISH FORK, UT 84601

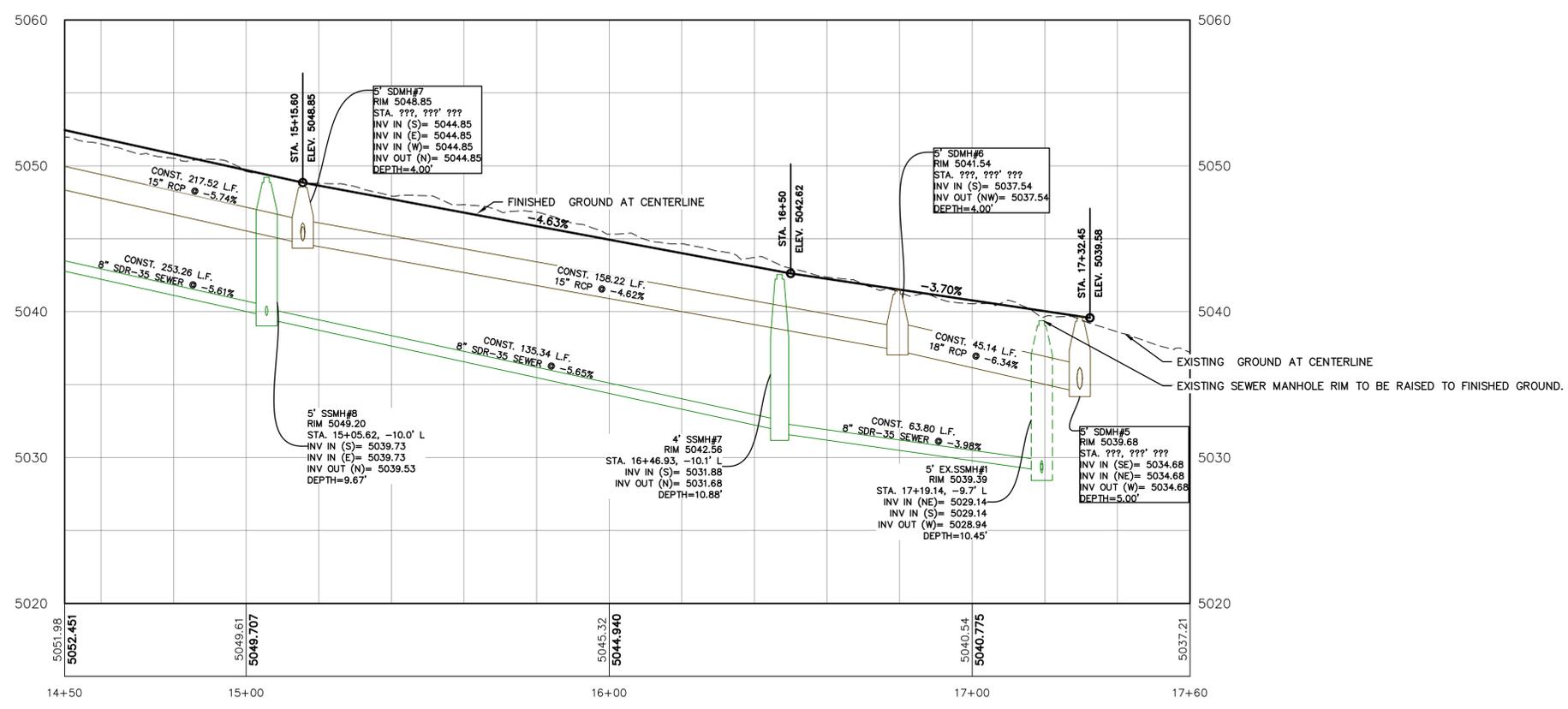
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- CONSTRUCTION NOTES**
- ① CONST. ADA RAMP PER ELK RIDGE CITY STANDARDS.
  - ② EXISTING ELECTRICAL LINE TO BE RELOCATED.
  - ③ EXISTING FENCE TO BE REMOVED.
  - ④ INSTALL STOP SIGN PER ELK RIDGE CITY STANDARDS.
  - ⑤ INSTALL STREET SIGN PER ELK RIDGE CITY STANDARDS.
  - ⑥ INSTALL CULINARY WATER VALVES PER ELK RIDGE CITY STANDARDS.
  - ⑦ LOCATE AND TIE TO EXISTING SEWER MANHOLE.
  - ⑧ INSTALL 22.5° BEND
  - ⑨ INSTALL FIRE HYDRANT ASSEMBLY PER ELK RIDGE CITY STANDARDS.



SCALE 1" = 20'  
 (24"x36")  
 SCALE 1" = 40'  
 (11"x17")



**HIGHLANDS AT ELK RIDGE PHASE II**

**ATLAS ENGINEERING**  
 CIVIL · STRUCTURAL · SURVEY

PHONE: 801-555-0555  
 946 E. 800 N. SUITE A  
 SPANISH FORK, UT 84603

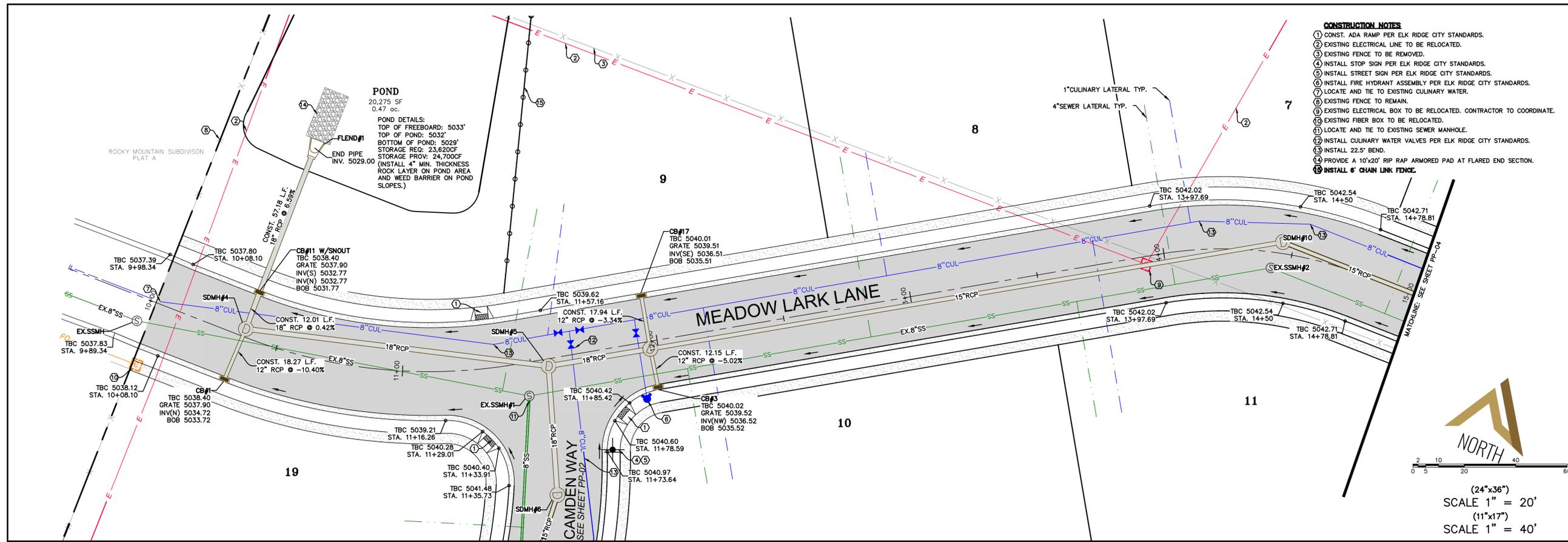
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**CAMDEN WAY**  
 STA. 14+50 TO STA. 17+60

**ELK RIDGE, UT**

**SHEET NO. PP-02**

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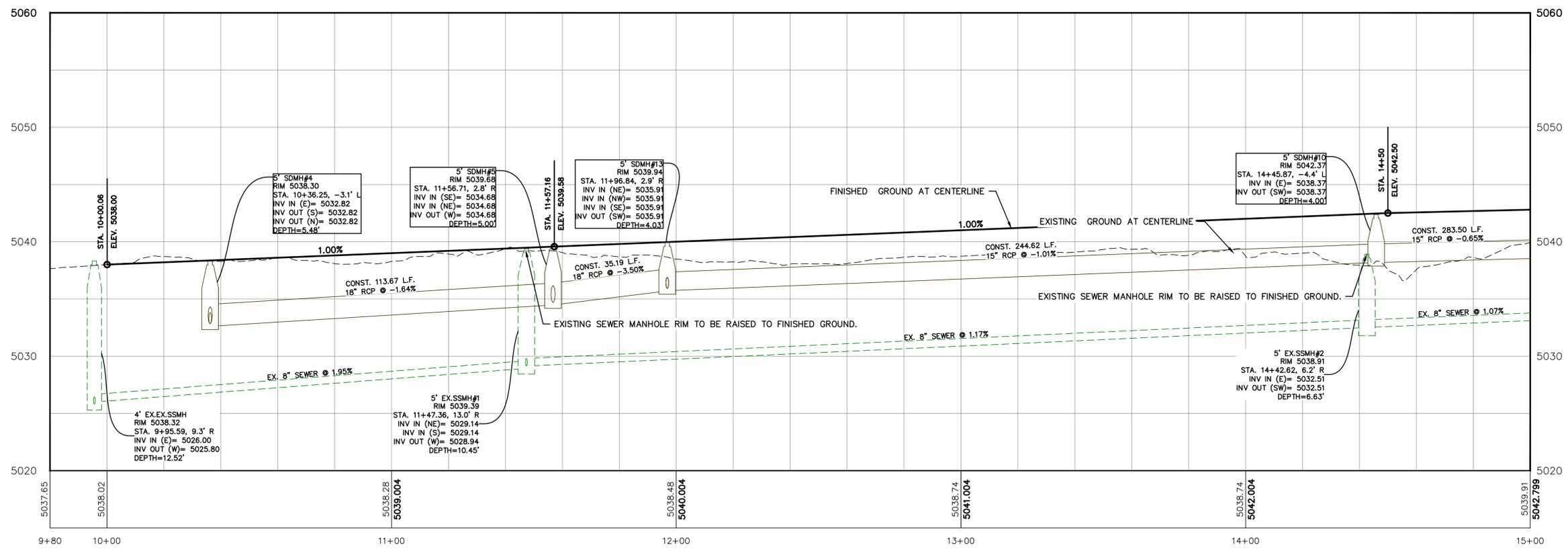
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**MEADOW LARK LANE**  
 STA. 09+80 TO STA. 15+00

**ELK RIDGE, UT**



(24"x36")  
 SCALE 1" = 20'  
 (11"x17")  
 SCALE 1" = 40'

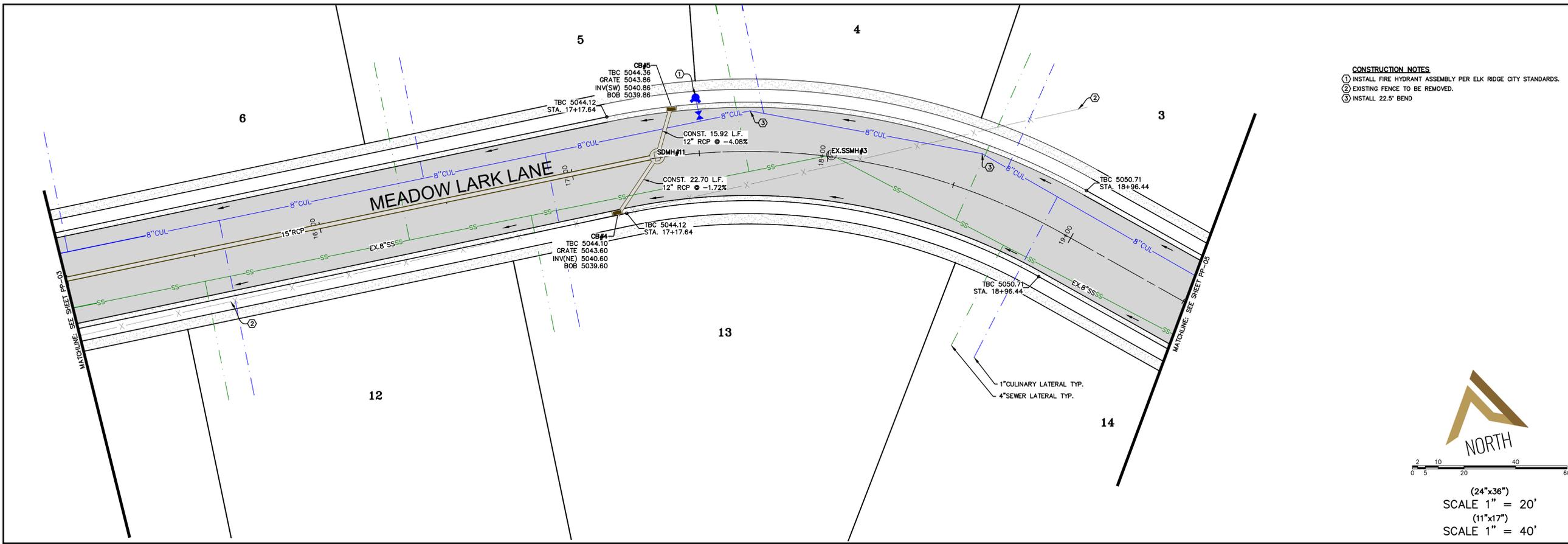


HIGHLANDS AT ELK RIDGE PHASE II

**ATLAS ENGINEERING**  
 CIVIL · STRUCTURAL · SURVEY

PHONE: 801-555-6565  
 945 E. BOON SUITE A  
 SPANISH FORK, UT 84601

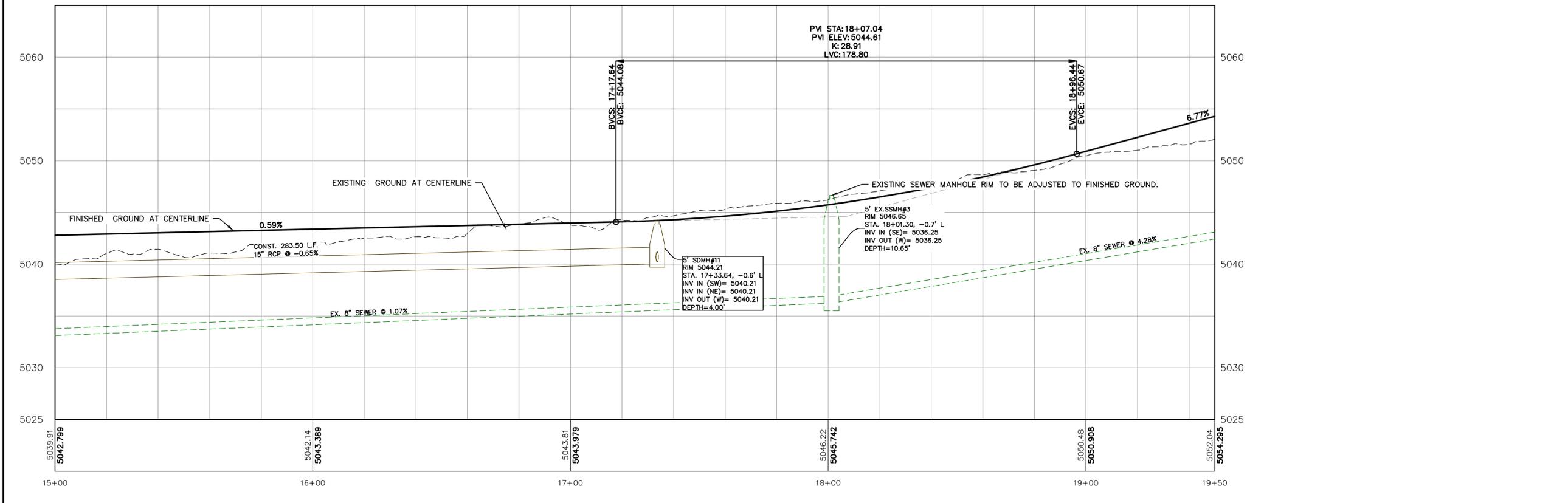
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- CONSTRUCTION NOTES**
- ① INSTALL FIRE HYDRANT ASSEMBLY PER ELK RIDGE CITY STANDARDS.
  - ② EXISTING FENCE TO BE REMOVED.
  - ③ INSTALL 22.5' BEND



(24"x36")  
 SCALE 1" = 20'  
 (11"x17")  
 SCALE 1" = 40'



SHEET NO.  
**PP-04**

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MEADOW LARK LANE  
STA. 15+00 TO STA. 19+50

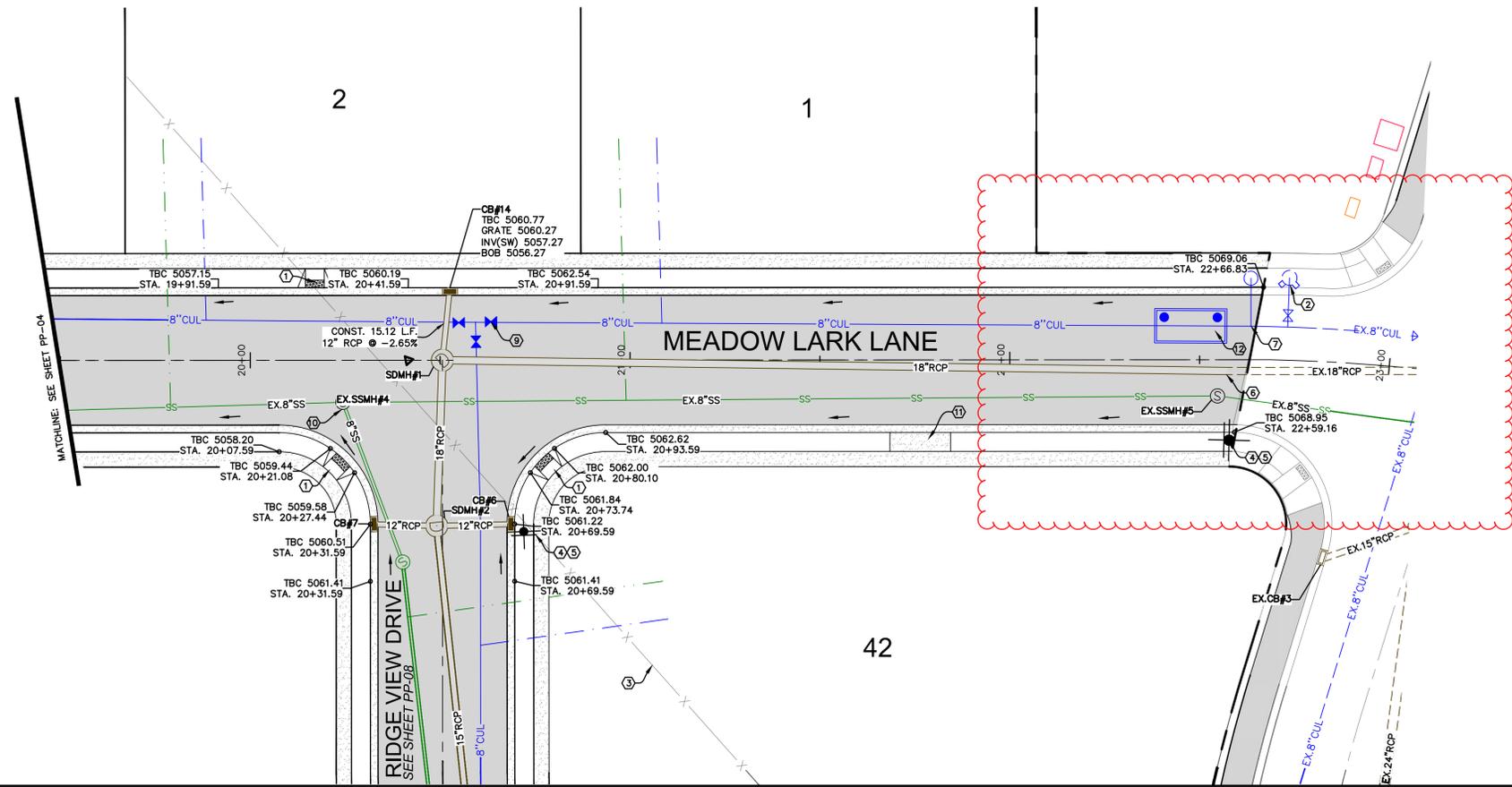
ELK RIDGE, UT

HIGHLANDS AT ELK RIDGE PHASE II

**ATLAS ENGINEERING**  
 CIVIL · STRUCTURAL · SURVEY

PHONE: 801-555-0566  
 945 E. BOON SUITE A  
 SPANISH FORK, UT 84601

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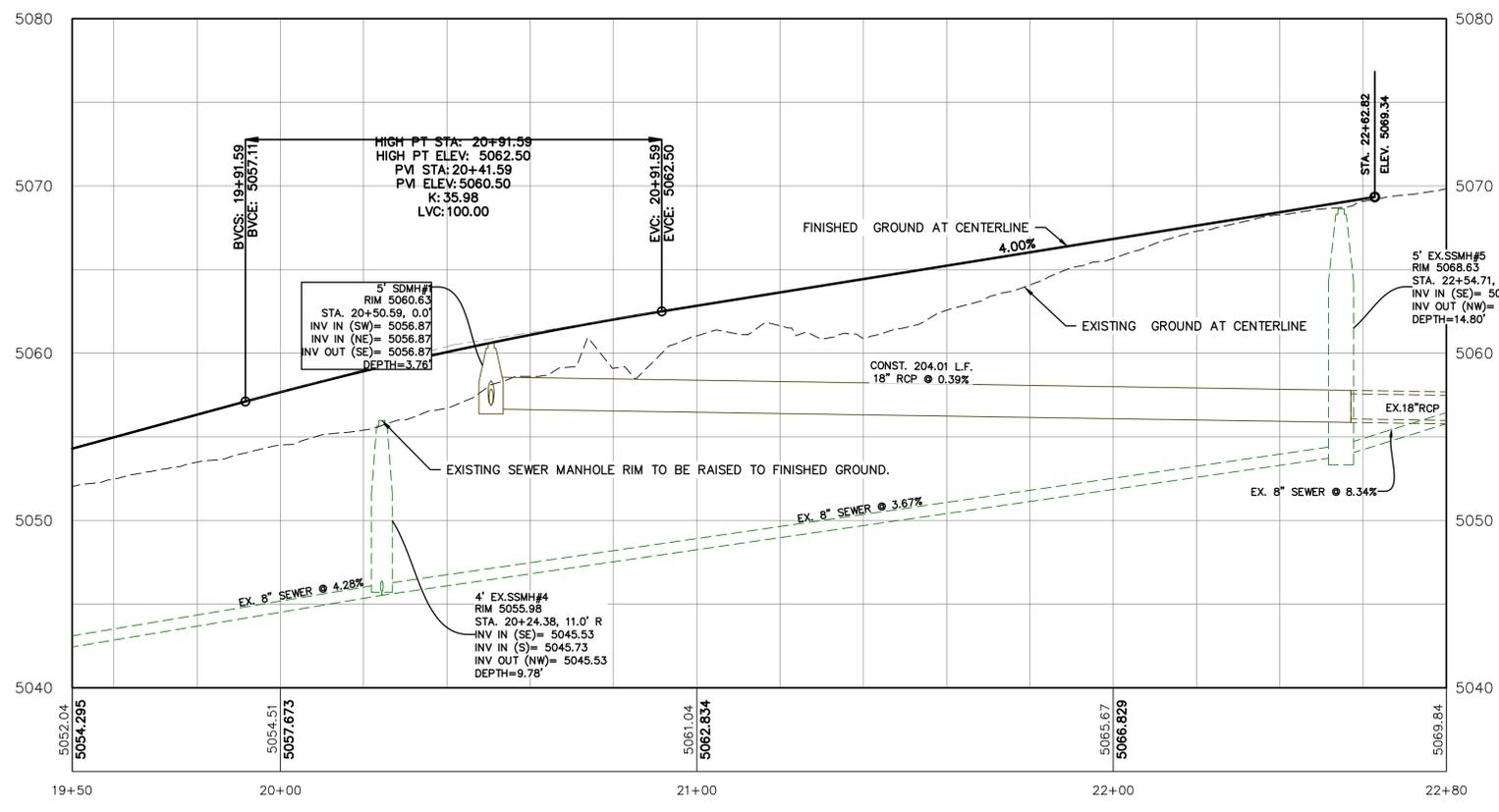


- CONSTRUCTION NOTES**
- ① CONST. ADA RAMP PER ELK RIDGE CITY STANDARDS.
  - ② EXISTING FIRE HYDRANT ASSEMBLY TO REMAIN
  - ③ EXISTING FENCE TO BE REMOVED.
  - ④ INSTALL STOP SIGN PER ELK RIDGE CITY STANDARDS.
  - ⑤ INSTALL STREET SIGN PER ELK RIDGE CITY STANDARDS.
  - ⑥ LOCATE AND TIE TO EXISTING STORM DRAIN.
  - ⑦ LOCATE AND TIE TO EXISTING CULINARY WATER.
  - ⑧ INSTALL CULINARY WATER VALVE PER ELK RIDGE CITY STANDARD.
  - ⑨ LOCATE AND TIE TO EXISTING SEWER MANHOLE.
  - ⑩ CONST. CONCRETE PAD FOR CLUSTER MAILBOX.
  - ⑪ INSTALL PRV PER ELK RIDGE CITY STANDARDS.

CONNECTION GRADING TO BE UPDATED



SCALE 1" = 20'  
(24"x36")  
SCALE 1" = 40'  
(11"x17")



SHEET NO. **PP-05**

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MEADOW LARK LANE  
STA. 19+50 TO STA. 22+80

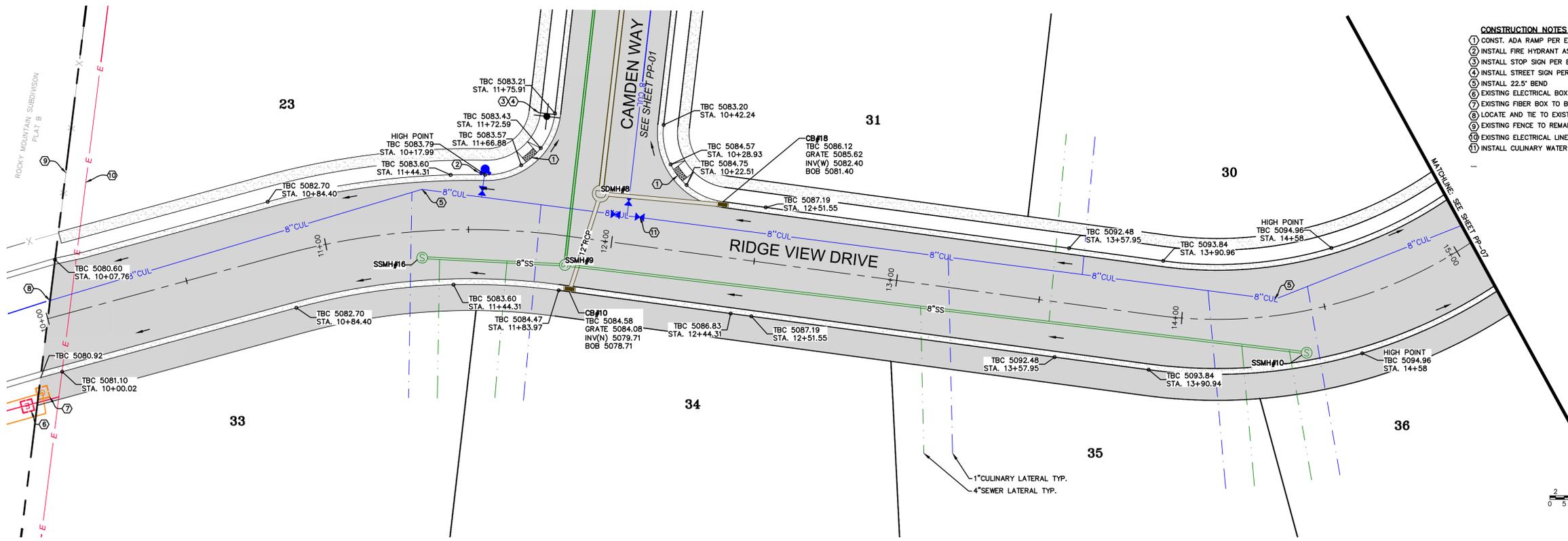
ELK RIDGE, UT

HIGHLANDS AT ELK RIDGE PHASE II

**ATLAS ENGINEERING**  
CIVIL · STRUCTURAL · SURVEY

PHONE: 801-555-0555  
946 E. 800 N. SUITE A  
SPANISH FORK, UT 84601

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- CONSTRUCTION NOTES**
- ① CONST. ADA RAMP PER ELK RIDGE CITY STANDARDS.
  - ② INSTALL FIRE HYDRANT ASSEMBLY PER ELK RIDGE CITY STANDARDS.
  - ③ INSTALL STOP SIGN PER ELK RIDGE CITY STANDARDS.
  - ④ INSTALL STREET SIGN PER ELK RIDGE CITY STANDARDS.
  - ⑤ INSTALL 22.5° BEND
  - ⑥ EXISTING ELECTRICAL BOX TO REMAIN.
  - ⑦ EXISTING FIBER BOX TO BE RELOCATED.
  - ⑧ LOCATE AND TIE TO EXISTING CULINARY WATER.
  - ⑨ EXISTING FENCE TO REMAIN.
  - ⑩ EXISTING ELECTRICAL LINE TO BE RELOCATED.
  - ⑪ INSTALL CULINARY WATER VALVES PER ELK RIDGE CITY STANDARDS.



(24"x36")  
SCALE 1" = 20'  
(11"x17")  
SCALE 1" = 40'

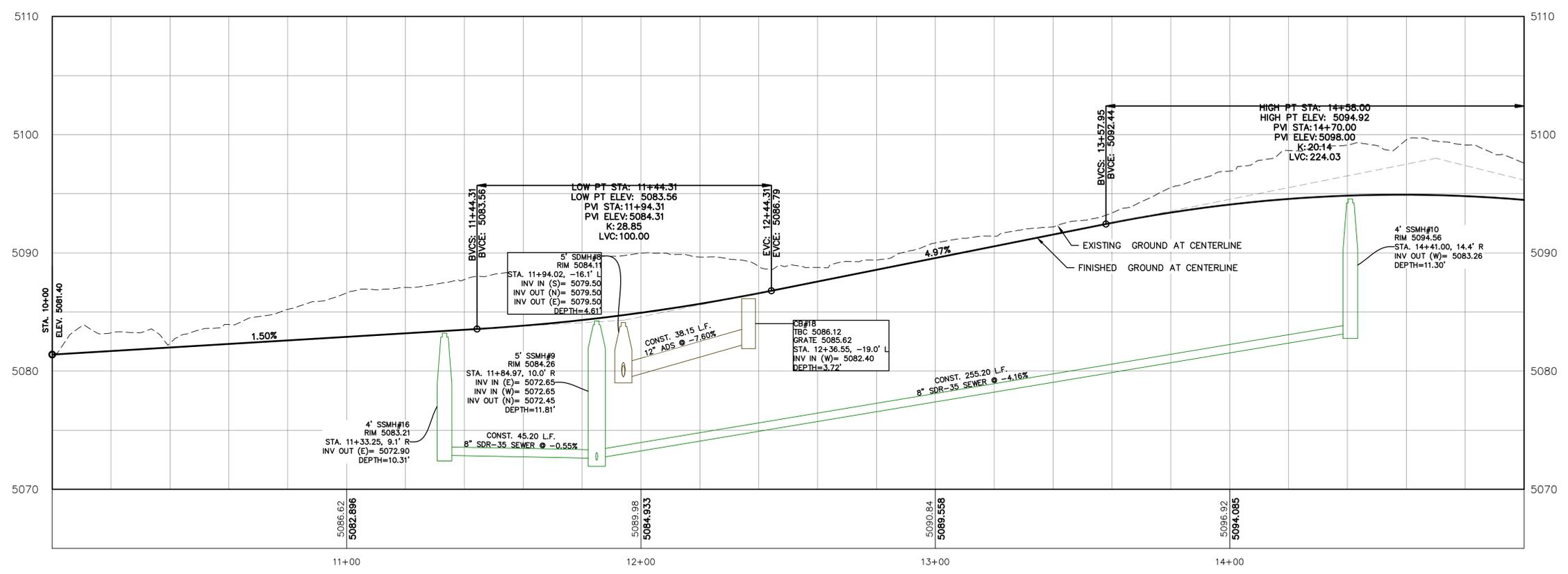
SHEET NO.

PP-06

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RIDGE VIEW DRIVE  
STA. 10+00 TO STA. 15+00

ELK RIDGE, UT

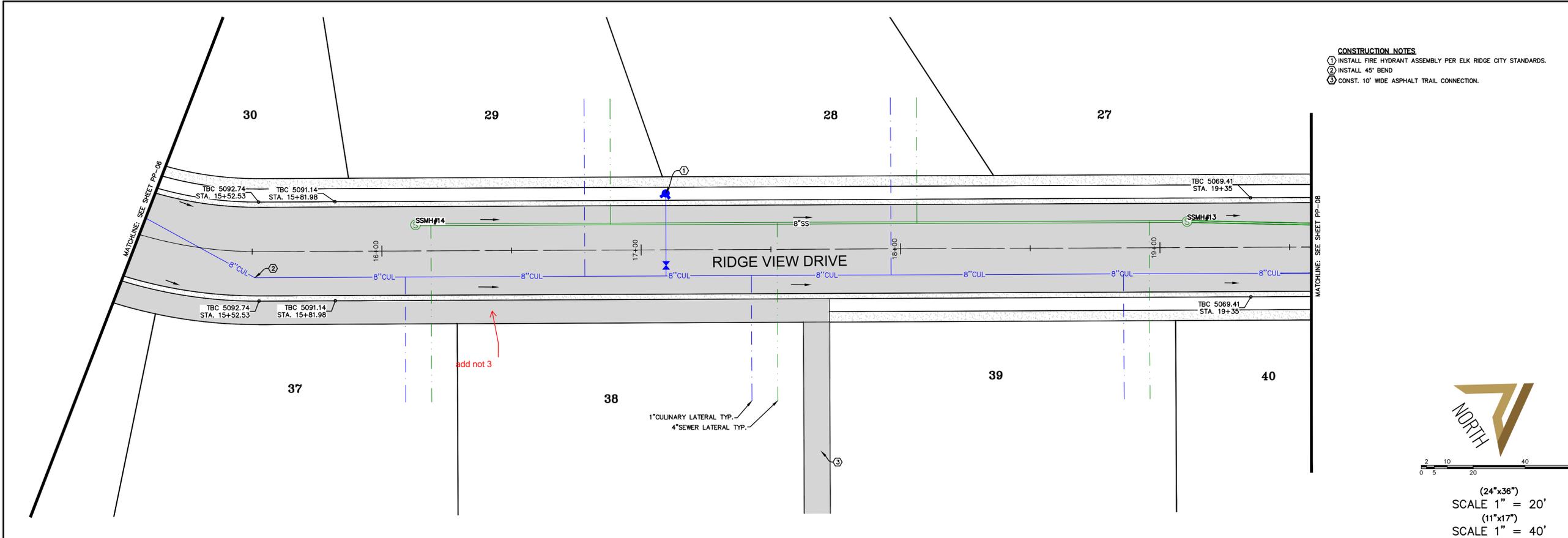


HIGHLANDS AT ELK RIDGE PHASE II

**ATLAS ENGINEERING**  
CIVIL · STRUCTURAL · SURVEY

PHONE: 801-555-6565  
946 E. BOON SUITE A  
SPRINGFORK, UT 84603

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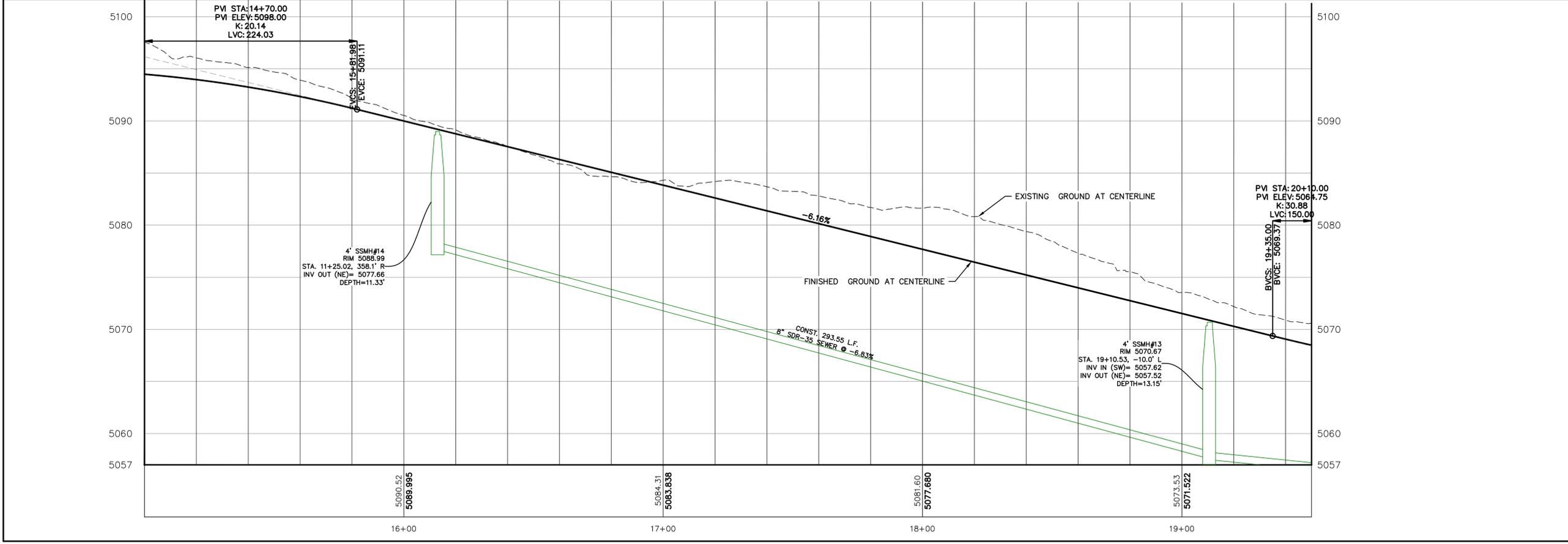
- CONSTRUCTION NOTES**
- ① INSTALL FIRE HYDRANT ASSEMBLY PER ELK RIDGE CITY STANDARDS.
  - ② INSTALL 45° BEND
  - ③ CONST. 10' WIDE ASPHALT TRAIL CONNECTION.



0 5 10 20 40 60  
 (24"x36")  
 SCALE 1" = 20'  
 (11"x17")  
 SCALE 1" = 40'

SHEET NO. **PP-07**

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RIDGE VIEW DRIVE  
 STA. 15+00 TO STA. 19+50

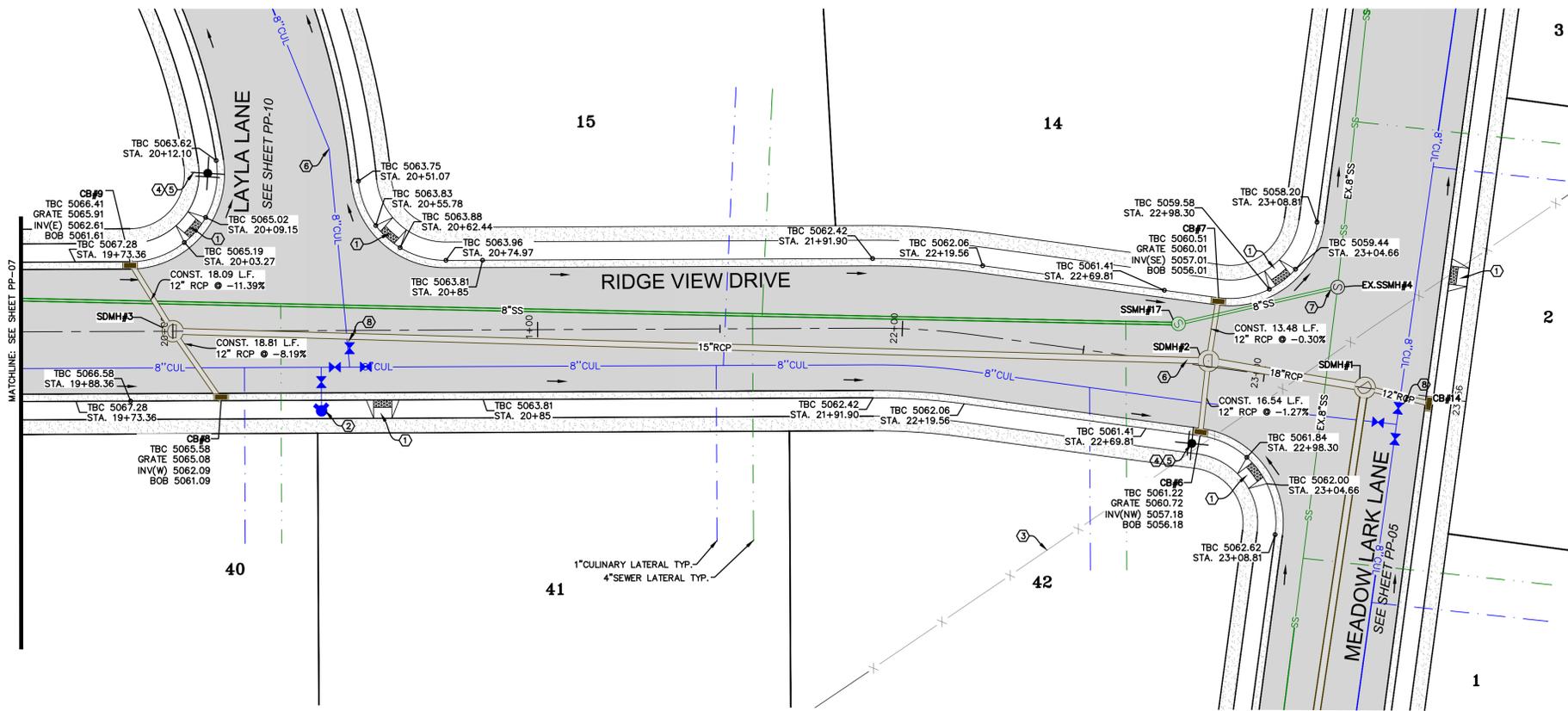
ELK RIDGE, UT

HIGHLANDS AT ELK RIDGE PHASE II

**ATLAS ENGINEERING**  
 CIVIL · STRUCTURAL · SURVEY

PHONE: 801-455-0566  
 946 E. BOON, SUITE A  
 SPANISH FORK, UT 84601

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- CONSTRUCTION NOTES**
- ① CONST. ADA RAMP PER ELK RIDGE CITY STANDARDS.
  - ② INSTALL FIRE HYDRANT ASSEMBLY PER ELK RIDGE CITY STANDARDS.
  - ③ EXISTING FENCE TO BE REMOVED.
  - ④ INSTALL STOP SIGN PER ELK RIDGE CITY STANDARDS.
  - ⑤ INSTALL STREET SIGN PER ELK RIDGE CITY STANDARDS.
  - ⑥ INSTALL 22.5° BEND
  - ⑦ LOCATE AND TIE TO EXISTING SEWER MANHOLE.
  - ⑧ INSTALL CULINARY WATER VALVES PER ELK RIDGE CITY STANDARDS.



0 5 10 20 40 60

(24"x36")  
SCALE 1" = 20'

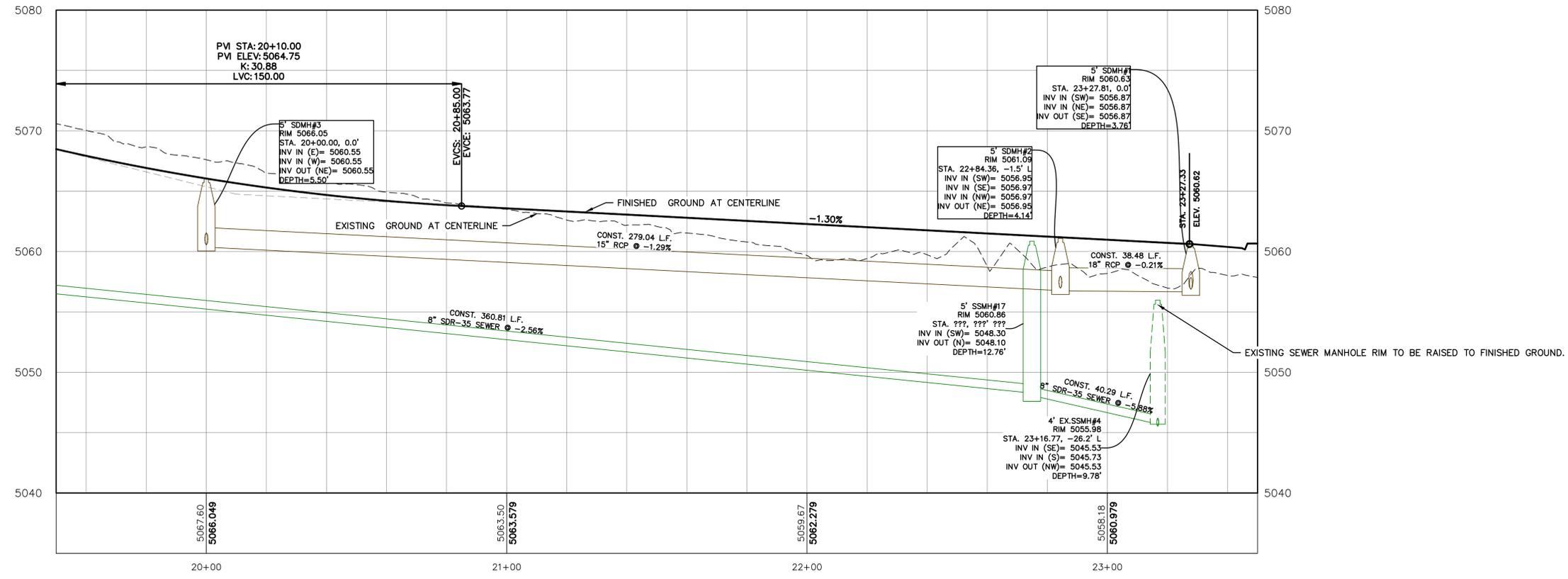
(11"x17")  
SCALE 1" = 40'

SHEET NO.  
**PP-08**

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RIDGE VIEW DRIVE  
STA. 19+50 TO STA. 23+50

ELK RIDGE, UT

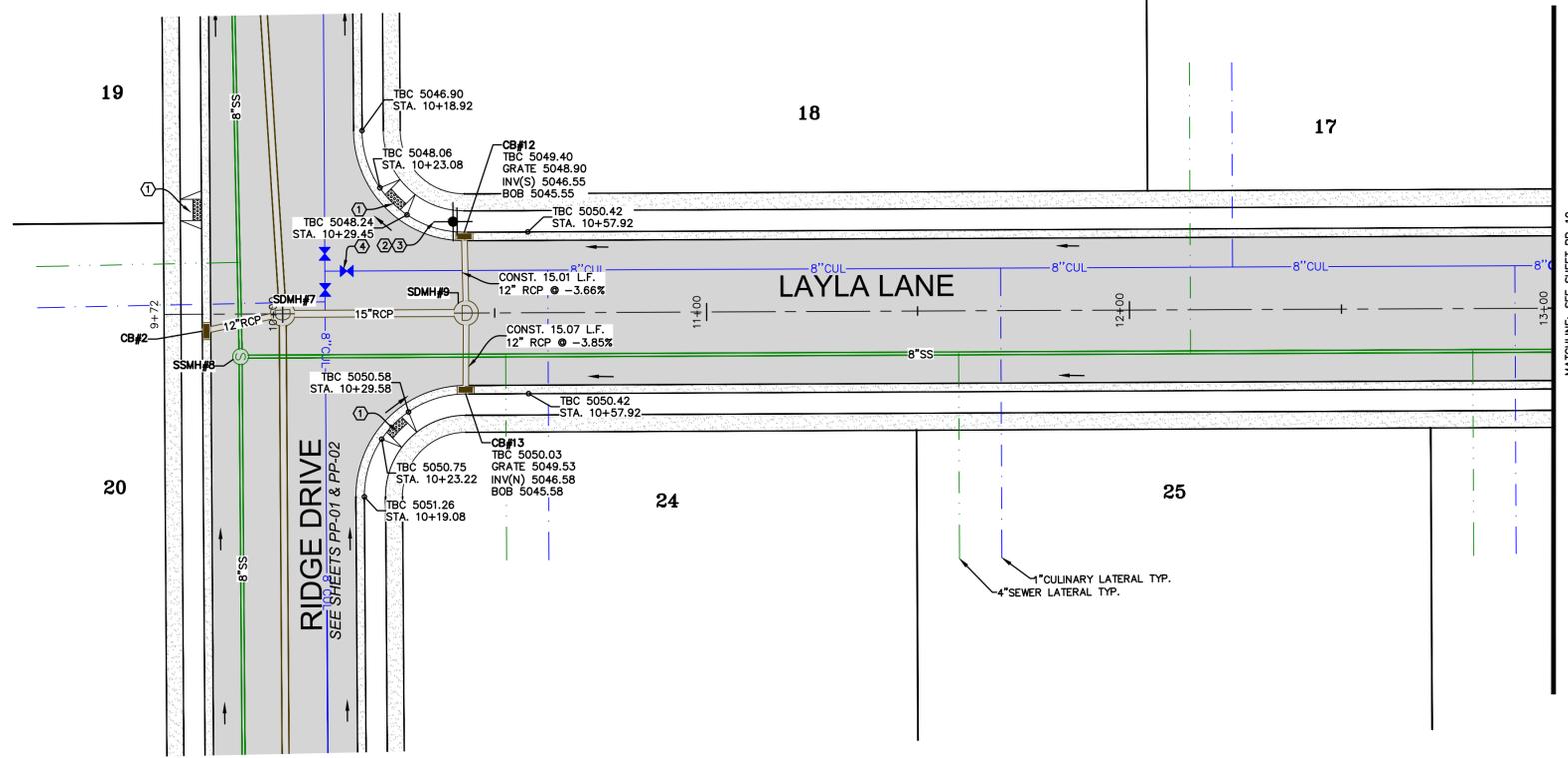


HIGHLANDS AT ELK RIDGE PHASE II

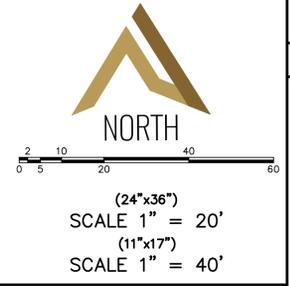
**ATLAS ENGINEERING**  
CIVIL · STRUCTURAL · SURVEY

PHONE: 801-555-6565  
946 E. BOON SUITE A  
SPANISH FORK, UT 84603

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- CONSTRUCTION NOTES**
- ① CONST. ADA RAMP PER ELK RIDGE CITY STANDARDS.
  - ② INSTALL STOP SIGN PER ELK RIDGE CITY STANDARDS.
  - ③ INSTALL STREET SIGN PER ELK RIDGE CITY STANDARDS.
  - ④ INSTALL CULINARY WATER VALVE PER ELK RIDGE CITY STANDARDS.

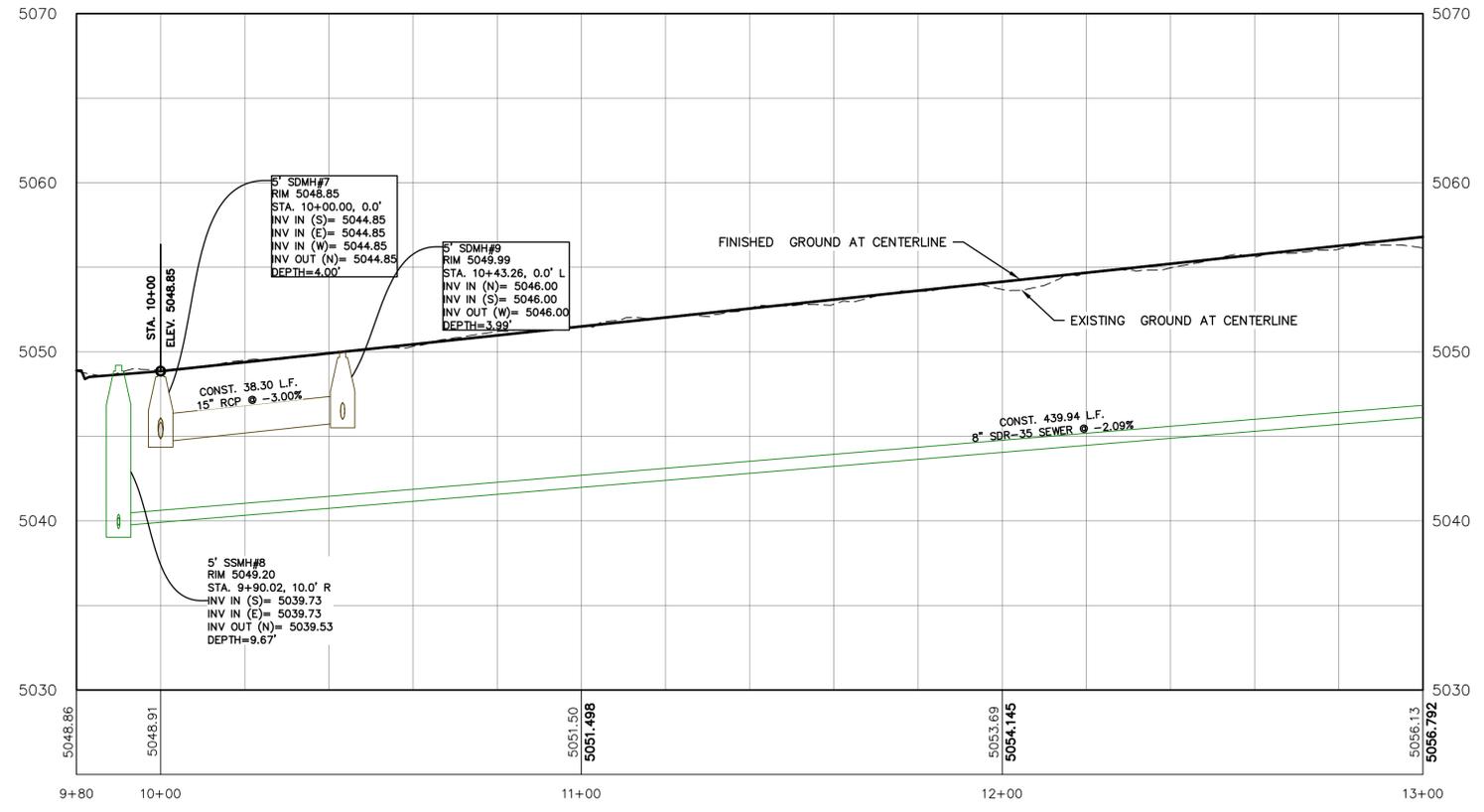


SHEET NO.  
**PP-09**

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LAYLA LANE  
STA. 09+80 TO STA. 13+00

ELK RIDGE, UT

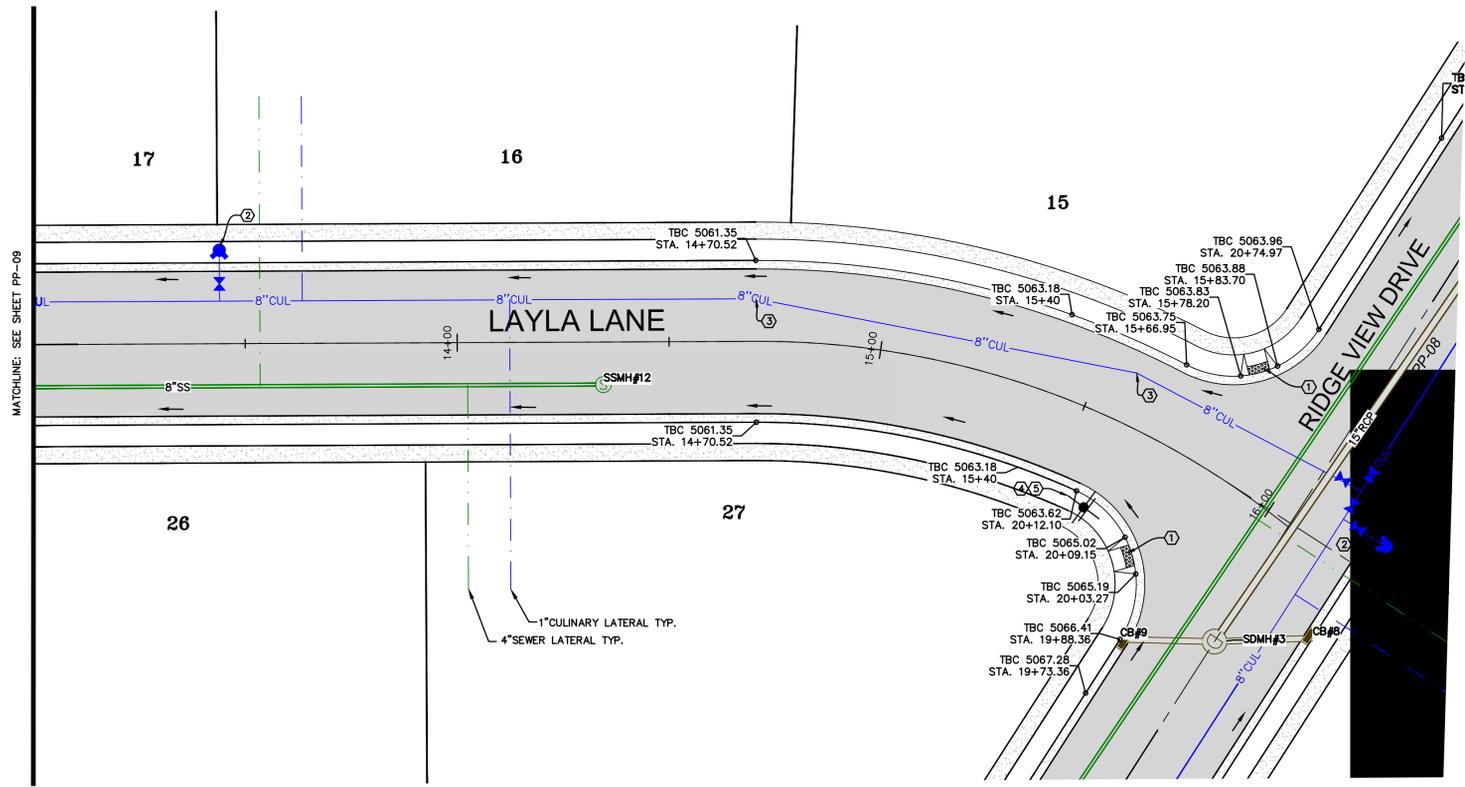


HIGHLANDS AT ELK RIDGE PHASE II

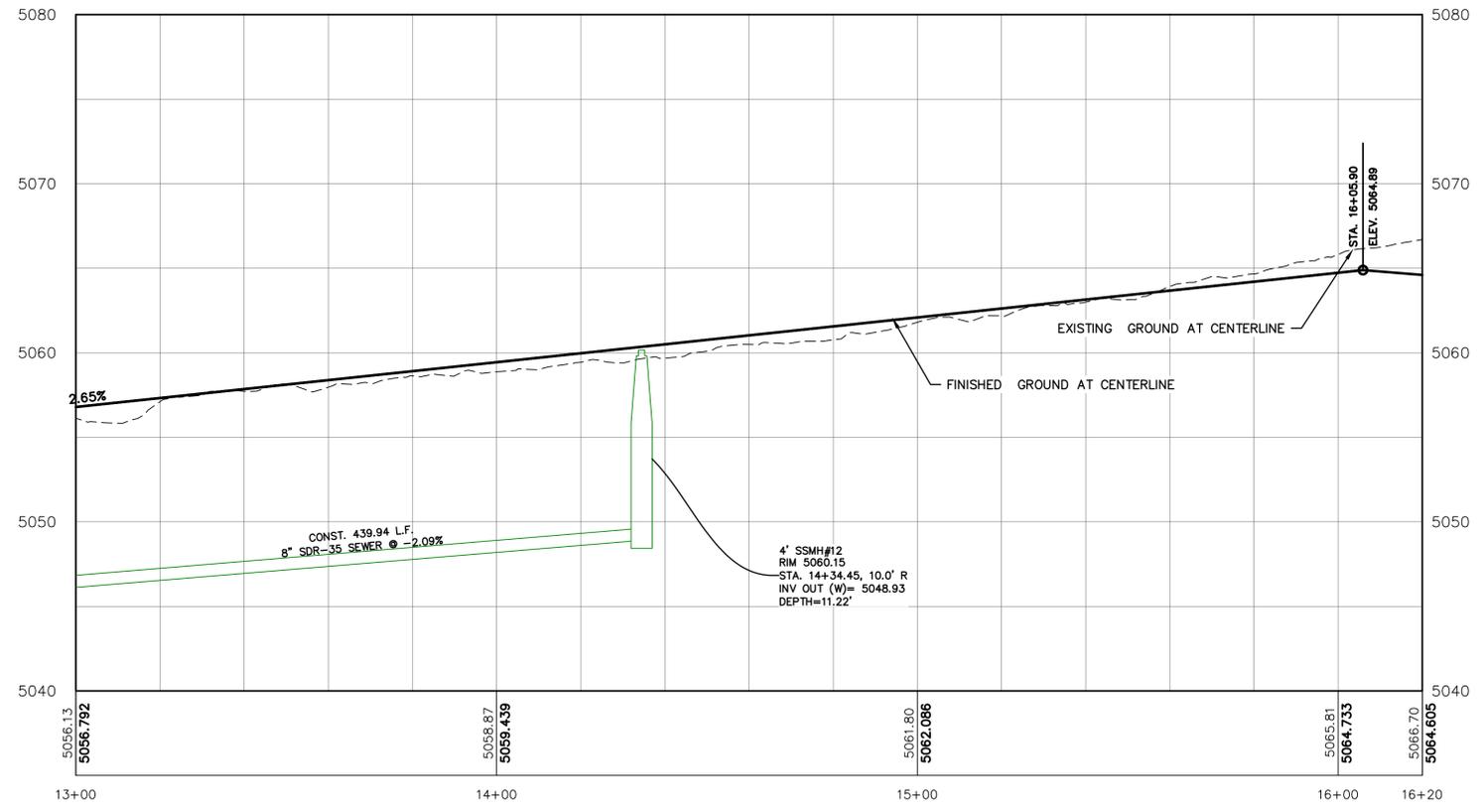
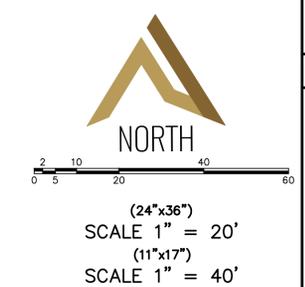
**ATLAS ENGINEERING**  
CIVIL · STRUCTURAL · SURVEY

PHONE: 801-555-6565  
946 E. 800 N. SUITE A  
SPANISH FORK, UT 84601

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- CONSTRUCTION NOTES**
- ① CONST. ADA RAMP PER ELK RIDGE CITY STANDARDS.
  - ② INSTALL FIRE HYDRANT ASSEMBLY PER ELK RIDGE CITY STANDARDS.
  - ③ INSTALL 22.5° BEND
  - ④ INSTALL STOP SIGN PER ELK RIDGE CITY STANDARDS.
  - ⑤ INSTALL STREET SIGN PER ELK RIDGE CITY STANDARDS.
  - ⑥ INSTALL CULINARY WATER VALVE PER ELK RIDGE CITY STANDARDS.



**HIGHLANDS AT ELK RIDGE PHASE II**

**ATLAS ENGINEERING**  
CIVIL · STRUCTURAL · SURVEY

PHONE: 801-555-0566  
946 E. BOON SUITE A  
SPANISH FORK, UT 84601

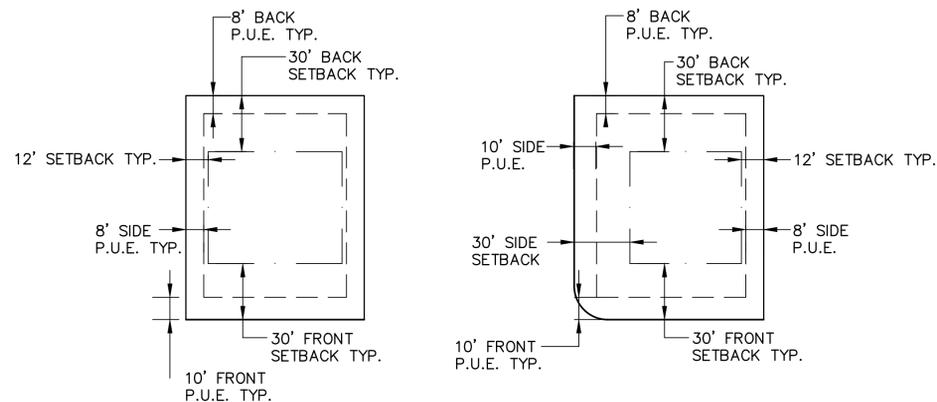
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**SHEET NO. PP-10**

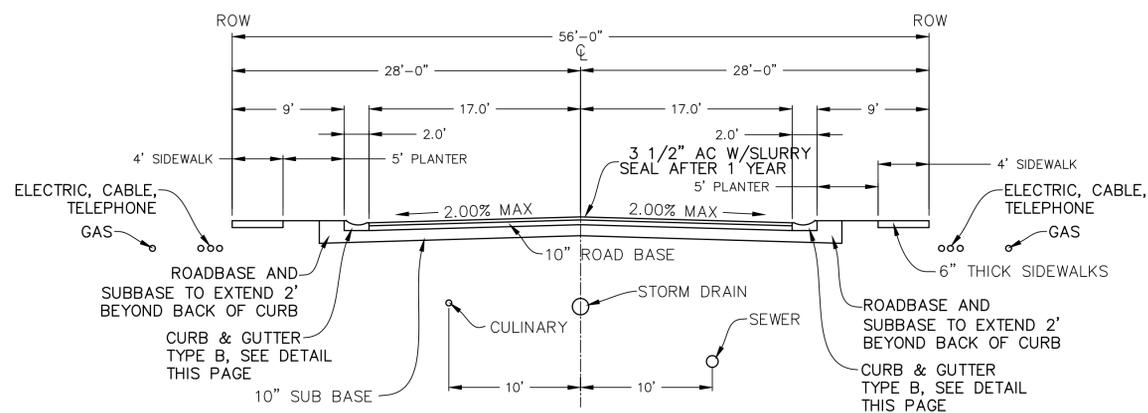
LAYLA LANE  
STA. 13+00 TO STA. 16+20

ELK RIDGE, UT

NO.	REVISIONS	BY	DATE
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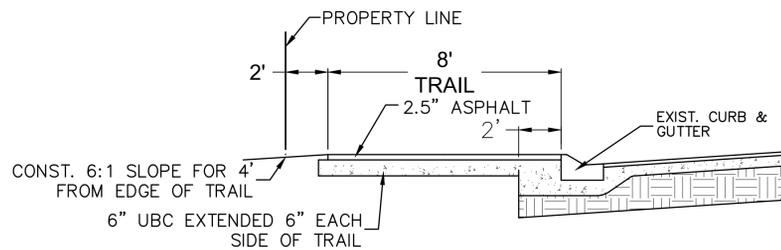


**INTERIOR LOT  
 CORNER LOT  
 DETAIL - TYPICAL BUILDING SETBACK AND EASEMENT**  
 -NTS-

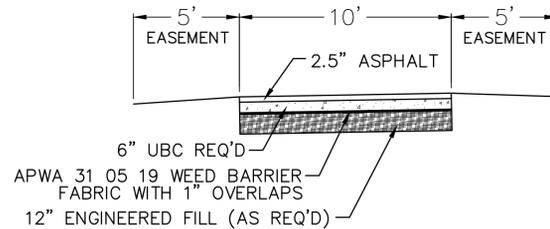


**NOTES:**  
 1. ALL PAVEMENT DESIGN TO FOLLOW RECOMMENDATIONS OF GEOTECHNICAL REPORT PROJECT NO. 03278-001 BY IGES.  
 2. BASED ON SECTION 6.2.4 OF GEOTECH REPORT PROJECT NO. 03278-001 BY IGES, ONCE TOPSOIL IS STRIPPED, MOST OF THE NATIVE SOILS ARE SUITABLE TO BE USED AS SUB-BASE WHEN PROPERLY SCARIFIED AND COMPACTED. THE SITE IS COVERED BY UP TO 12 TO 18 INCHES OF TOPSOIL COMPRISED OF LEAN CLAY. TOPSOIL MAY NOT BE USED AS STRUCTURAL FILL; THIS MATERIAL MUST BE KEPT SEGREGATED FROM OTHER SOILS INTENDED TO BE USED AS STRUCTURAL FILL.

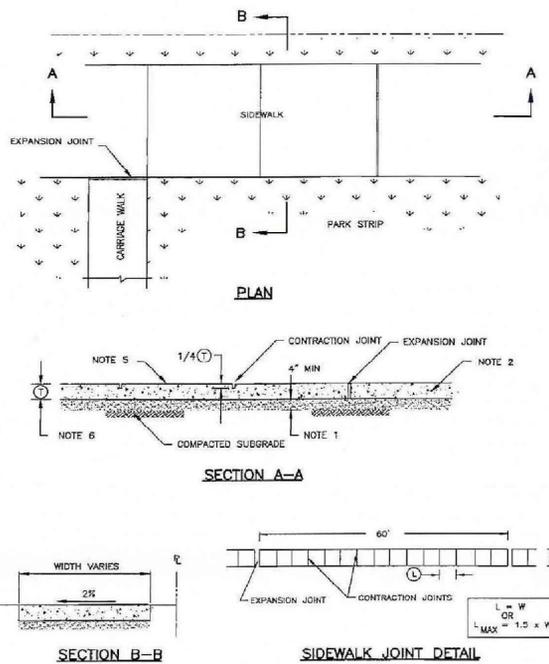
**DETAIL - TYPICAL 56' RIGHT-OF-WAY STREET SECTION**  
 -NTS-



**TRAIL (CANYON VIEW DRIVE)**  
 -NTS-



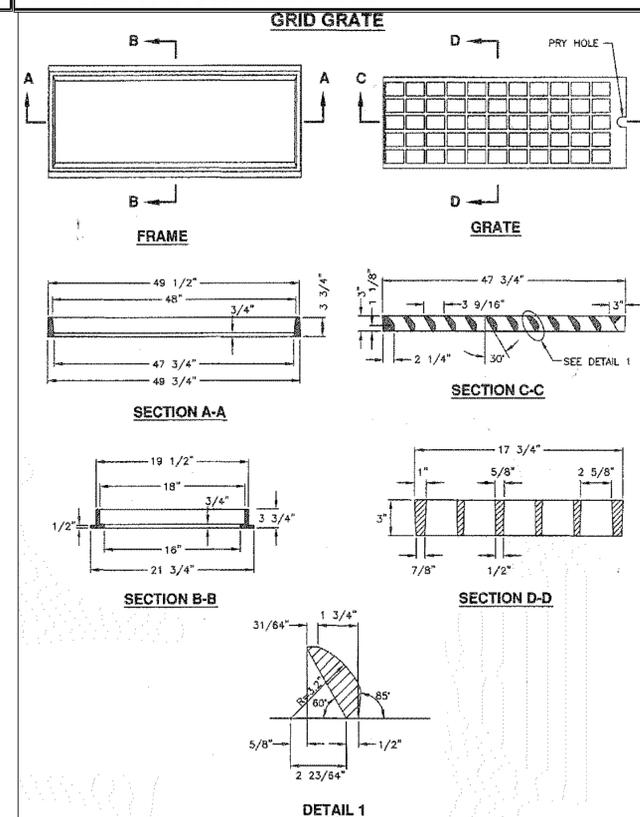
**10' TRAIL CONNECTION**  
 -NTS-



**Concrete sidewalk**

**CONCRETE SIDEWALK STANDARD**

- UNTREATED BASE COURSE:** Provide material specified in APW A Section 02060. Do not use gravel or sewer rock. Place per APWA Section 02322. Compact per APWA Section 02324 to a modified proctor density of 95-percent or greater. Maximum lift thickness is 8-inches before compaction.
- CONCRETE:** Class 4000 per APWA Section 03304. Place per APWA Section 02770. Cure per APWA Section 03390.
  - If necessary, provide concrete that achieves design strength in less than 7 days. Use caution, however, as spider cracks develop if air temperature exceeds 90 degrees F.
  - Unless shown otherwise, provide 1/2-inch radius on concrete edges exposed to public view.
- FINISH:** Fine hair broom on longitudinal grades under 6% and rough hair broom on longitudinal grades over 6%.
- DEPTH OF SIDEWALK (T):**
  - New construction: Nominal 6" in residential zones, 8" in non-residential zones.
  - Removal and replacement construction: Match existing.



**47 3/4" Grate and frame**  
 Plan 309.2  
 June 2006

SHEET NO.

DT-01

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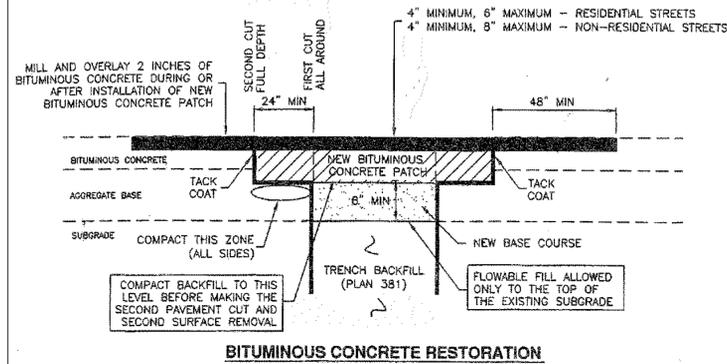
ELK RIDGE, UT

HIGHLANDS AT ELK RIDGE PHASE II

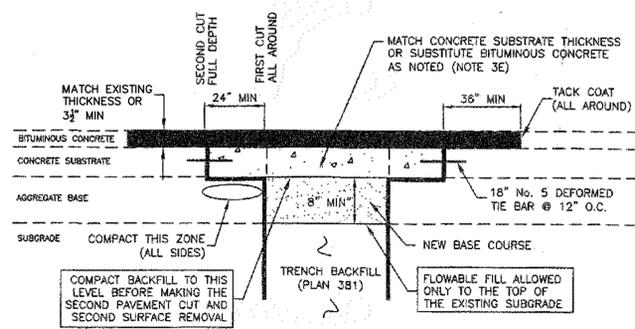
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C:\USERS\A.BELPVO\ONE DRIVE - ATLAS ENGINEERING\1.0 OPERATIONS\1.1 - CIVIL\2022\22-028 HIGHLANDS PHASE II\CAAD\FINAL\PHASE 2\DT-01.DWG



**BITUMINOUS CONCRETE RESTORATION**



**COMPOSITE RESTORATION**

**Bituminous pavement T-patch**

**1. GENERAL**

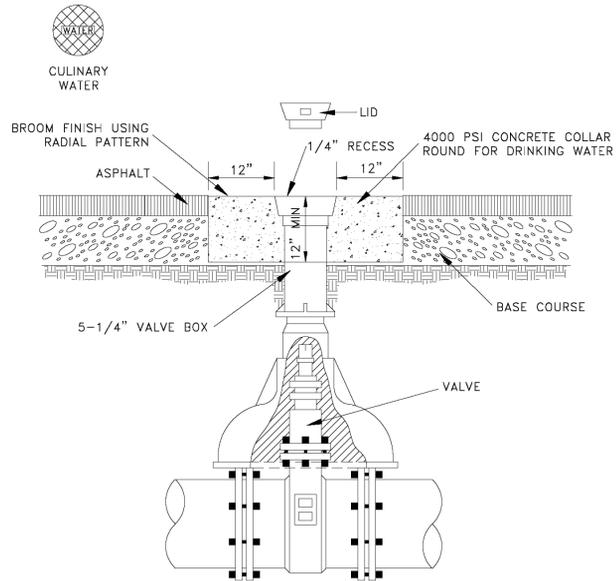
- A. Vertical cuts in bituminous pavement may be done by saw or pavement zipping. If cuts greater than 6 inches are necessary to prevent pavement "break off" consult ENGINEER for directions on handling additional costs.
- B. Repair a T-patch restoration if any of the following conditions occur prior to final payment or at the end of the one year correction period.
  - 1) Pavement surface distortion exceeds 1/4-inch deviation in 10 feet. Repair option - plane off surface distortions. coat planed surface with a cationic or anionic mulsion that complies with APWA Section 32 12 03.
  - 2) Separation appears at a connection to an existing pavement or any Street Fixture. Repair option - blow separation clean and apply joint sealant, Plan 265.
  - 3) Cracks at least 1-foot long and 1/4-inch wide occur more often than 1 in 10 square feet. Repair option - blow clean and apply crack seal, Plan 265.
  - 4) Pavement raveling is greater than 1 square foot per 100 square feet. Repair option - Mill and inlay, APWA Sections 32 01 16.71 and 32 12 05.

**2. PRODUCTS**

- A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
- B. Flowable Fill: Target is 60 psi in 28 days with 90 psi maximum in 28 days, APWA Section 31 05 15. It must flow easily requiring no vibration for consolidation.
- C. Reinforcement: No. 5, galvanized or epoxy coated, deformed, 60 ksi yield grade steel, ASTM A615.
- D. Concrete: Class 4000, APWA Section 03 30 04.
- E. Tack Coat: APWA Section 32 12 13.1.
- F. Bituminous Concrete: APWA Section 32 12 05.
  - 1) Warm Weather Patch: PG64-22-DM-1/2, unless indicated otherwise.
  - 2) Cold Weather Patch: Modified MC-250-FM-1 as indicated in APWA Section 33 05 25.

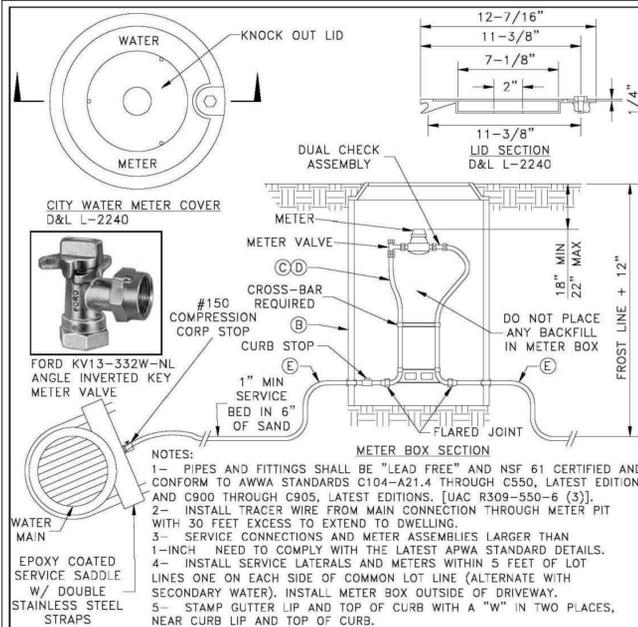
**3. EXECUTION**

- A. Base Course Placement: APWA Section 32 05 10. Maximum lift thickness before compaction is 8-inches when using riding equipment or 6-inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
- B. Flowable Fill: Cure to initial set before placing aggregate base or bituminous pavement. Use in excavations that are too narrow to receive compaction equipment.
- C. Tack Coat: Clean all horizontal and vertical surfaces. Apply full coverage all surfaces.
- D. Pavement Placement: Follow APWA Section 32 12 16.13. Unless indicated otherwise, lift thickness is 3-inches minimum after compaction. Compact to 94 percent of ASTM D2041 (Rice density) plus or minus 2 percent.
- E. Bituminous Concrete Substitution: If bituminous concrete is substituted for Portland cement concrete substrate, omit rebar and provide 1.25 inches of bituminous concrete for each 1 inch of Portland cement concrete. Follow paragraph E requirements.
- F. Reinforcement: Required if thickness of existing Portland-cement concrete substrate is 6-inches or greater. Not required if 1) less than 6-inches thick, 2) if existing concrete is deteriorating, 3) if excavation is less than 3 feet square, or 4) if bituminous pavement is substituted for Portland-cement concrete substrate.
- G. Concrete Substrate: Cure to initial set before placing new bituminous concrete patch.



**NOTES:**  
 1. RAISE VALVE BOX AND PLACE CONCRETE COLLAR AFTER PAVING OPERATION IS COMPLETED.  
 2. ALL PIPES, FITTINGS & APPURTENANCES SHALL BE NSF-61 CERTIFIED AND CONFORM TO AWWA STANDARDS C104-A21.4 THROUGH C550, LATEST EDITIONS AND C900 THROUGH C905, LATEST EDITIONS. [UAC R309-550-6 (3)].  
 3. BURIED GATE VALVES SHALL BE USED FOR LINES 10-INCHES AND SMALLER. BURIED BUTTERFLY VALVES SHALL BE USED FOR LINES 12-INCHES AND LARGER.  
 4. ISOLATION VALVES SHALL BE PROVIDED AT NO MORE THAN 500-FOOT INTERVALS IN COMMERCIAL DISTRICTS AND AT NOT MORE THAN ONE BLOCK OR 800-FOOT INTERVALS IN OTHER DISTRICTS. [UAC 309-550-5(8)].

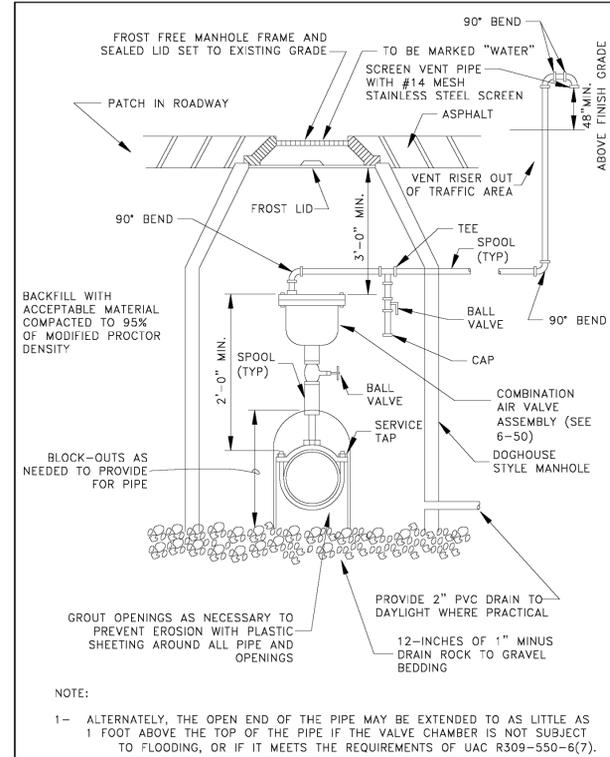
**CITY OF ELK RIDGE  
VALVE BOX COLLAR DETAIL**



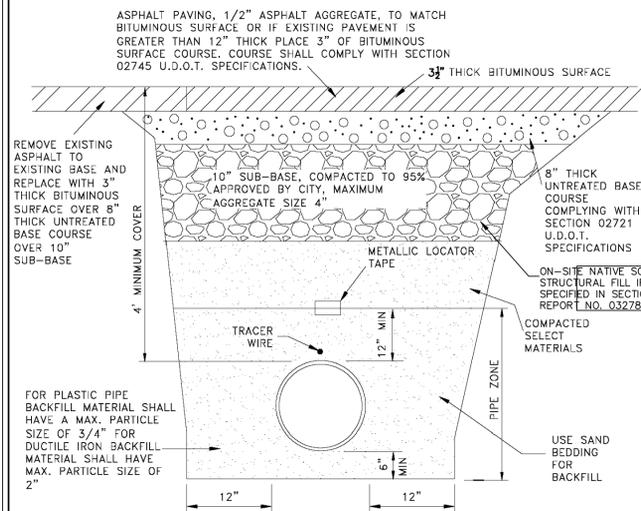
**LEGEND**

No	ITEM	DESCRIPTION
(A)	FRAME AND COVER	CAST IRON COVER (GRASS)
(B)	METER BOX (21" DIAMETER) (30" TO 36" DEEP)	WHITE CORRUGATED PE
(C)	1" METER YOKE	DUAL CHECK ASSEMBLY REQUIRED
(D)	1" METER YOKE	OPTIONAL BACKFLOW PROTECTION PER AGENCY REQUIREMENTS
(E)	1" SERVICE LINE	HDPE IPS SDR 9

**CITY OF ELK RIDGE  
SERVICE CONNECTION & METER ASSEMBLY**



**CITY OF ELK RIDGE  
AIR RELEASE VALVE MANHOLE DETAIL**



**NOTES:**  
 1. PIPES & FITTINGS SHALL BE LEAD FREE.  
 2. ASBESTOS CEMENT PIPE SHALL NOT BE ALLOWED.  
 3. WATER MAINS & SEWER LINES SHALL NOT BE INSTALLED IN THE SAME TRENCH.  
 4. ALL PIPES, FITTINGS & APPURTENANCES SHALL BE NSF-61 CERTIFIED AND CONFORM TO AWWA STANDARDS C104-A21.4 THROUGH C550, LATEST EDITIONS AND C900 THROUGH C905, LATEST EDITIONS. [UAC R309-550-6 (3)].  
 5. ALL NEW OR REPLACED WATER LINES SHALL BE FLUSHED & DISINFECTED PER AWWA STANDARD C651 LATEST EDITION.  
 6. MATERIAL THICKNESS MAY CHANGE AS DIRECTED BY THE CITY ENGINEER BASED UPON FINDINGS AND RECOMMENDATIONS IN GEOTECHNICAL REPORT.  
 7. FOR WATER METERS NOT CONNECTED TO FIRE HYDRANTS, THE MINIMUM LINE SIZE SHALL BE 4" IN DIAMETER, UNLESS THEY SERVE PICNIC SITES, PARKS, SEMI-DEVELOPED CAMPS, PRIMITIVE CAMPS, OR ROADWAY REST-STOPS. MINIMUM WATER MAIN SIZE SERVICING A FIRE HYDRANT LATERAL SHALL BE 8 INCHES IN DIAMETER UNLESS A HYDRAULIC ANALYSIS INDICATES THAT REQUIRED FLOW AND PRESSURES CAN BE MAINTAINED BY 6" LINES. [UAC R309-550-5(4)].  
 8. ALL TYPES OF INSTALLED PIPE SHALL BE PRESSURE TESTED AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA C600 (LATEST EDITION).  
 9. UNDER NO CIRCUMSTANCES SHALL THE PIPE OR ACCESSORIES BE DROPPED INTO THE TRENCH.  
 10. CONSIDERATION SHALL BE GIVEN TO THE MATERIALS TO BE USED WHEN CORROSIVE SOILS OR WATERS WILL BE ENCOUNTERED. [UAC R309-550-5 (9)].

**LOCATED IN SURFACED ROAD  
CITY OF ELK RIDGE  
UTILITY TRENCH FOR WATER MAIN**

SHEET NO.

DT-02

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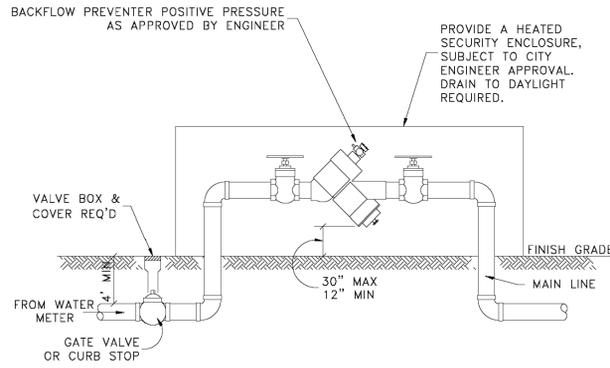
DETAILS

ELK RIDGE, UT

HIGHLANDS AT ELK RIDGE PHASE II

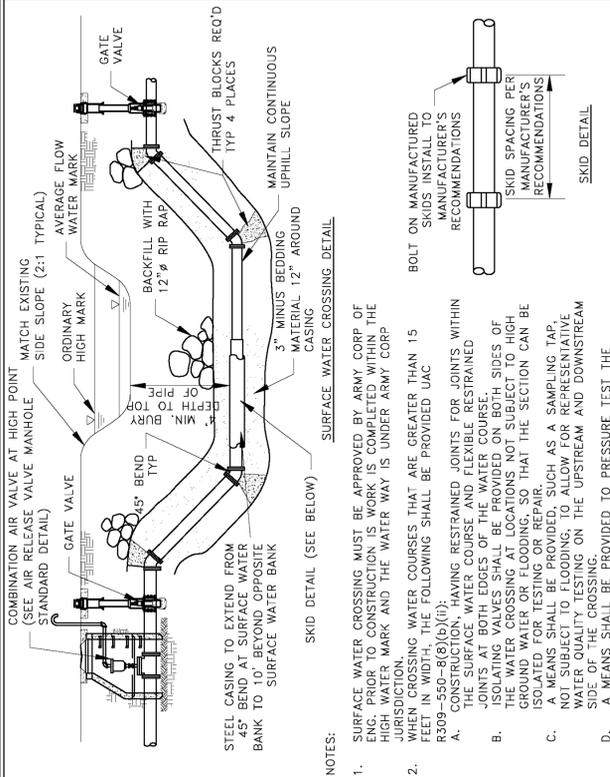
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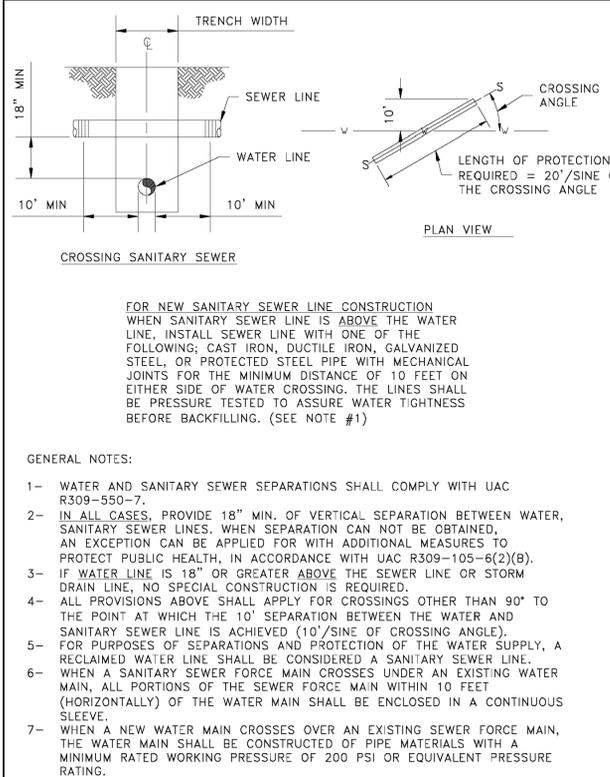


- NOTES:
1. ALL PIPES, FITTING & APPURTENANCES SHALL BE NSF-61 CERTIFIED AND TO CONFORM TO AWWA STANDARDS C104-A21.4 THROUGH C550, LATEST EDITIONS AND C900 THROUGH C905, LATEST EDITIONS. [UAC R309-550-6 (3)]
  2. ALL NEW OR REPLACED WATER LINES SHALL BE FLUSHED & DISINFECTED PER AWWA STANDARD C651 LATEST EDITION.

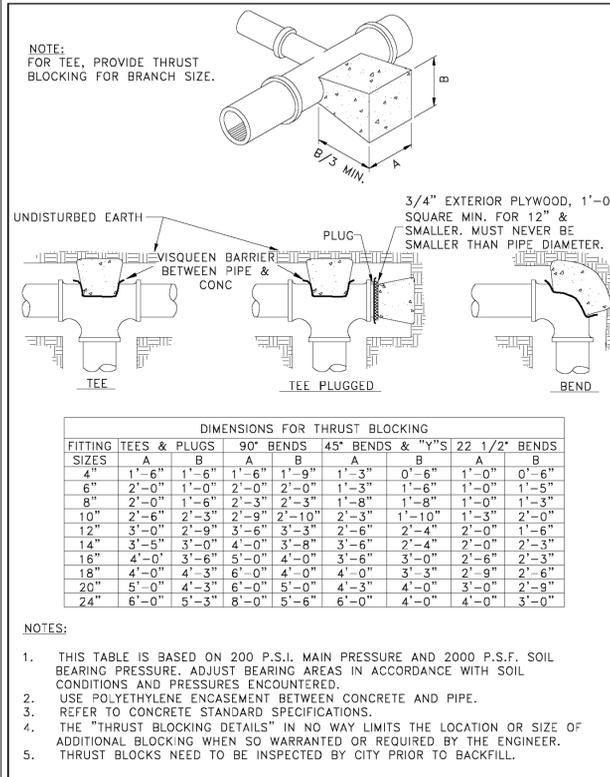
CITY OF ELK RIDGE  
TYPICAL BACKFLOW PREVENTER INSTALLATION



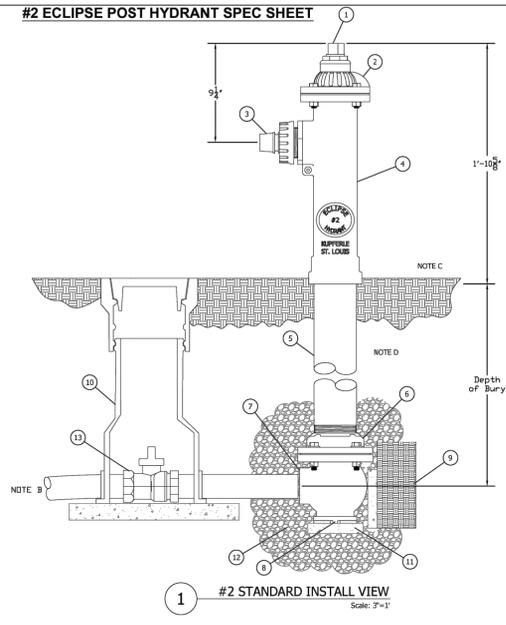
CITY OF ELK RIDGE  
SURFACE WATER CROSSING FOR WATER & SEWER

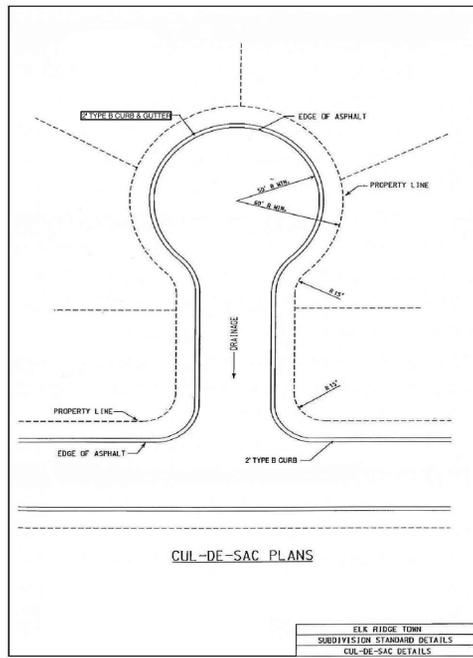


CITY OF ELK RIDGE  
SANITARY SEWER CROSSINGS



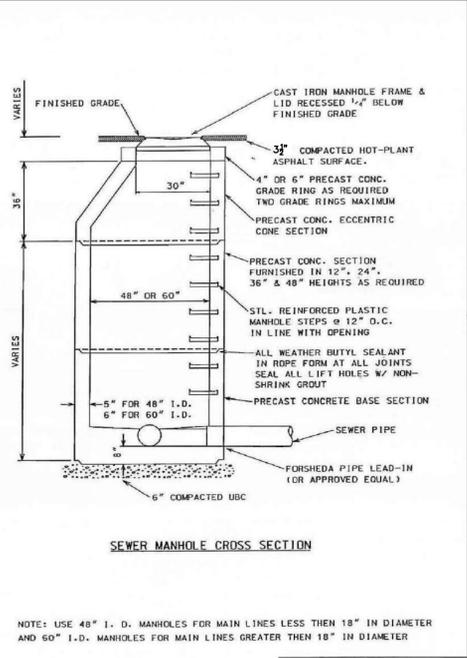
CITY OF ELK RIDGE  
THRUST BLOCK DETAIL





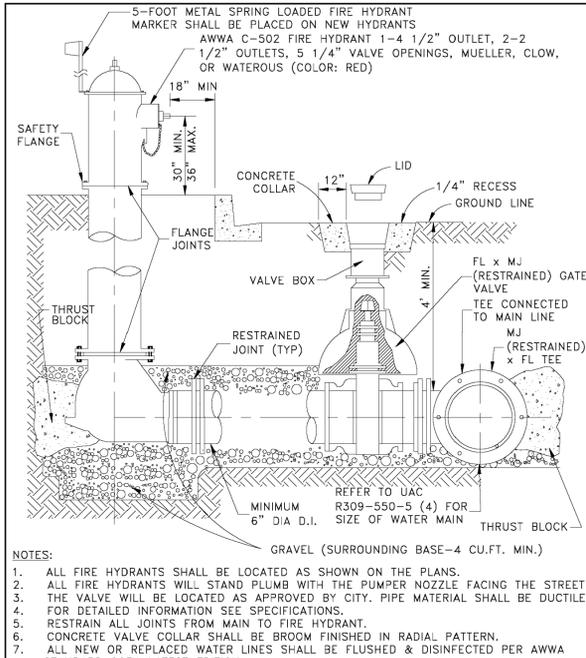
ELK RIDGE TOWN  
SUBDIVISION STANDARD DETAILS  
CUL-DE-SAC DETAILS

- S -



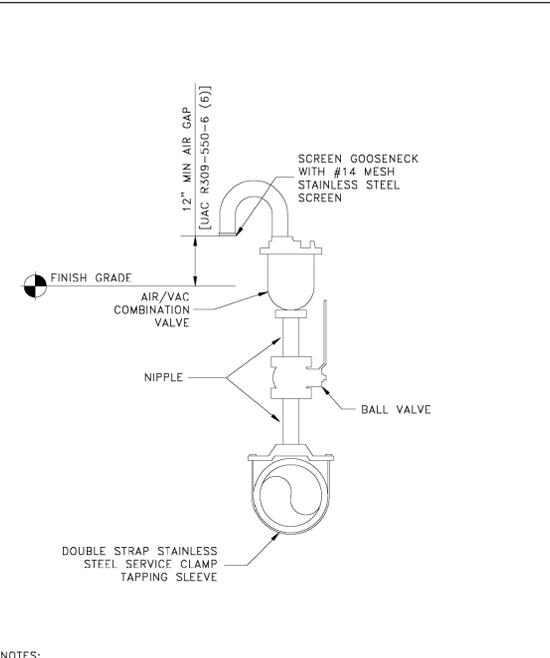
ELK RIDGE TOWN  
SUBDIVISION STANDARD DETAILS  
SEWER MANHOLE CROSS SECTION

- E -



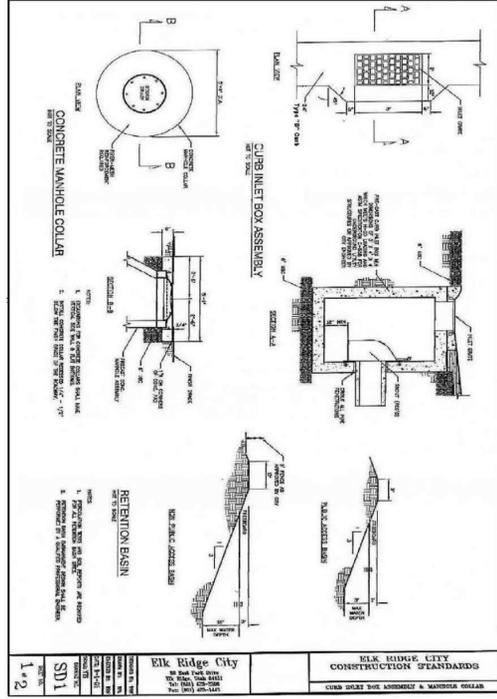
- NOTES:
1. ALL FIRE HYDRANTS SHALL BE LOCATED AS SHOWN ON THE PLANS.
  2. ALL FIRE HYDRANTS WILL STAND PLUMB WITH THE PUMPER NOZZLE FACING THE STREET.
  3. THE VALVE WILL BE LOCATED AS APPROVED BY CITY. PIPE MATERIAL SHALL BE DUCTILE.
  4. FOR DETAILED INFORMATION SEE SPECIFICATIONS.
  5. RESTRAIN ALL JOINTS FROM MAIN TO FIRE HYDRANT.
  6. CONCRETE VALVE COLLAR SHALL BE BROOM FINISHED IN RADIAL PATTERN.
  7. ALL NEW OR REPLACED WATER LINES SHALL BE FLUSHED & DISINFECTED PER AWWA STANDARD C651 LATEST EDITION.
  8. PROVIDE 3-FOOT CLEAR SPACE AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS (IFC 507.5.5)
  9. HYDRANT DRAINS SHALL NOT BE CONNECTED TO, OR LOCATED WITHIN, 10 FEET OF SANITARY SEWERS. WHERE POSSIBLE, HYDRANT DRAINS SHALL NOT BE LOCATED WITHIN 10 FEET OF STORM DRAINS. [UAC R309-550-6(5)(c)]

CITY OF ELK RIDGE  
FIRE HYDRANT ASSEMBLY



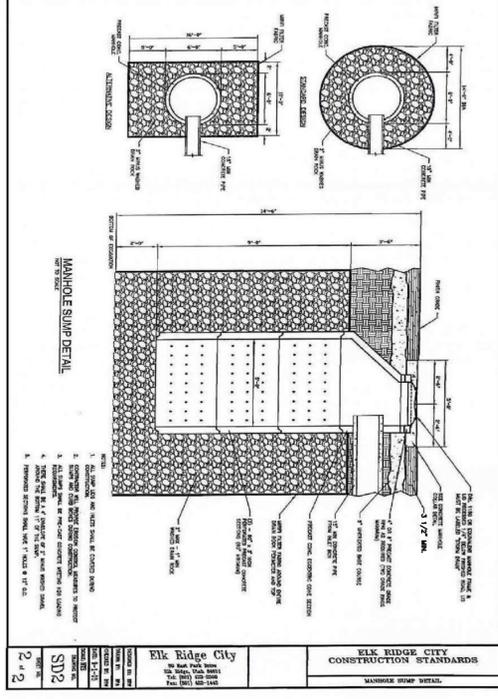
- NOTES:
1. ALL PIPES, FITTINGS & APPURTENANCES SHALL BE NSF-61 CERTIFIED AND CONFORM TO AWWA STANDARDS C104-A21.4 THROUGH C550, LATEST EDITIONS AND C900 THROUGH C905, LATEST EDITIONS. [UAC R309-550-6 (3)]

CITY OF ELK RIDGE  
COMBINATION AIR RELEASE VALVE



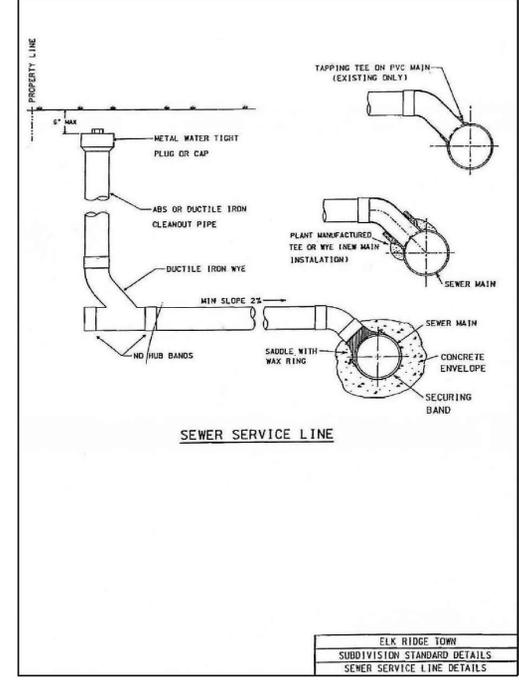
ELK RIDGE CITY  
CONSTRUCTION STANDARDS  
CONCRETE MANHOLE COLLAR & RETENTION BASIN

- A -



ELK RIDGE CITY  
CONSTRUCTION STANDARDS  
MANHOLE SUMP DETAIL

- B -



ELK RIDGE TOWN  
SUBDIVISION STANDARD DETAILS  
SEWER SERVICE LINE DETAILS

- D -

HIGHLANDS AT ELK RIDGE PHASE II

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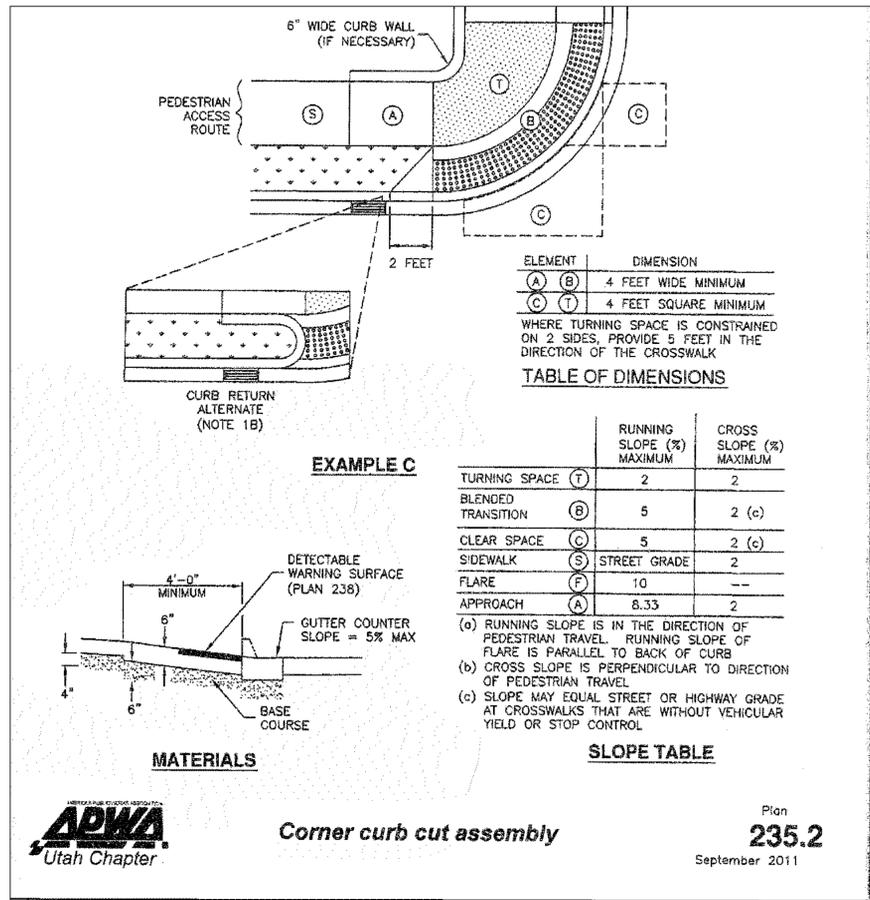
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SHEET NO.

DT-04

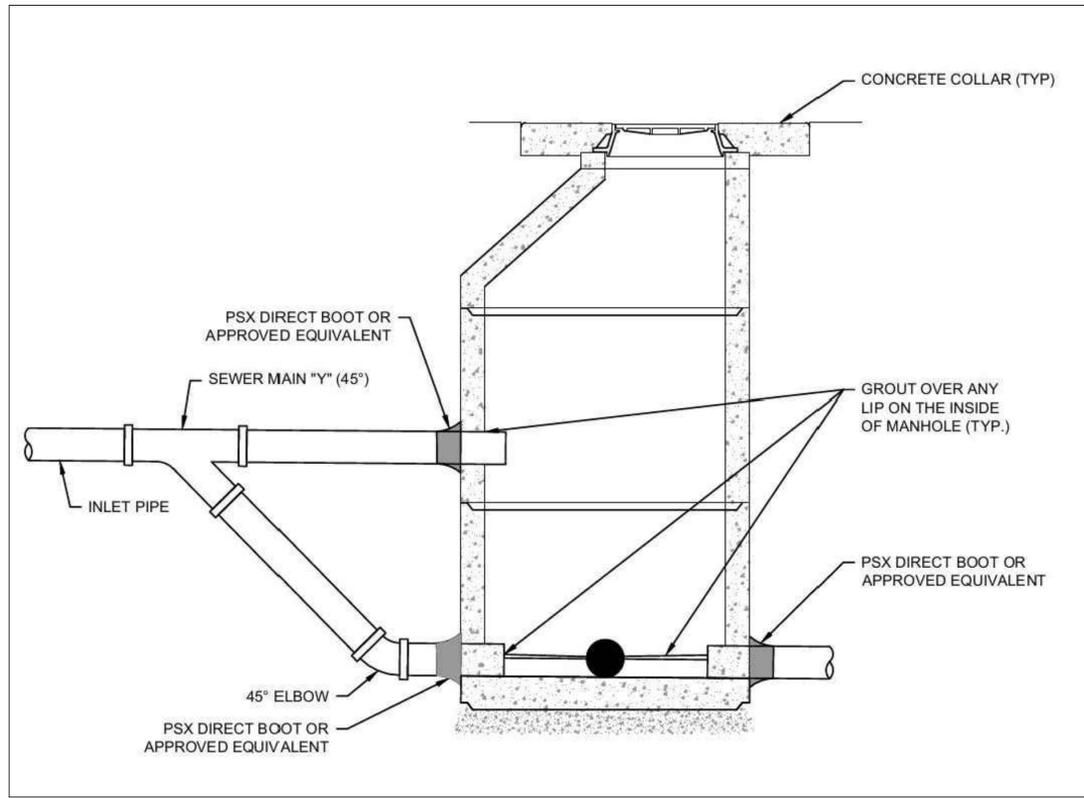
ELK RIDGE, UT

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Corner curb cut assembly

Plan  
235.2  
September 2011



SHEET NO.

DT-05

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DETAILS

ELK RIDGE, UT

HIGHLANDS AT ELK RIDGE PHASE II

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