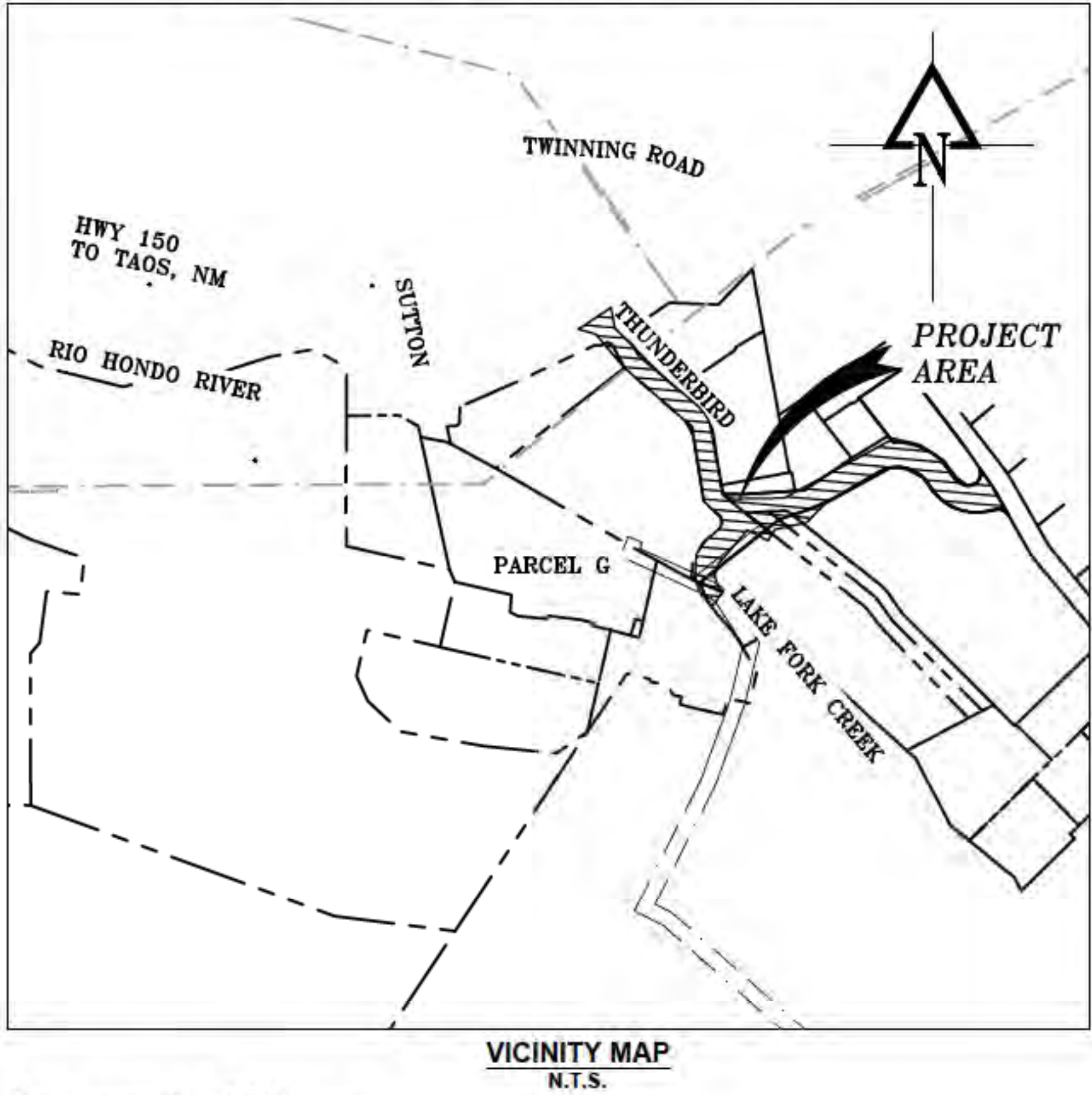


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RECORD DRAWINGS
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- DISCUSSIONS WITH ROBINS CONSTRUCTION AND BRADBURY STAMM CONSTRUCTION AND THEIR SUBCONTRACTORS.

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TAOS SKI VALLEY THUNDERBIRD ROAD AND ERNIE BLAKE ROAD



General Notes:

- These plans, the project specifications, the United States Army Corps of Engineers (ACOE) Requirements, Village of Taos Ski Valley (VTSV), the New Mexico Standard Specifications for Public Works Construction and New Mexico Department of Transportation (NMDOT), including details and technical specifications shall be the governing documents for construction activities relating to this project. When conflicts exist, the most stringent shall prevail followed by the governing documents in the above order of priority. Field conditions may exist that require changes to drawings. If such conditions are encountered, the governing documents shall prevail in the above order of priority.
- The contractor is responsible for obtaining all required permits prior to the commencement of any work on the project. Contact the Village of Taos Ski Valley at 575-776-8220.
- An Excavation Permit for Work in the Public Ways shall be obtained prior to commencement of work within the public right-of-way (R.O.W.).
- The contractor shall be responsible for notifying the owner/developer of any problems in conforming to the approved plans for any element of the proposed improvements prior to its construction.
- Taos Ski Valley Inc (TSV) or it's designated representative shall be responsible during construction activities to resolve construction problems due to changed conditions or design errors encountered by the contractor during the progress of any portion of the proposed work. If the modifications proposed by ACOE, USFS, TSV, VTSV or the engineer to the approved plans involve significant changes to the character of the work or to future contiguous public or private improvements, the engineer shall be responsible for submitting revised plans to the appropriate agencies for approval prior to any further construction related to that portion of the work. Any improvements not constructed in accordance with the approved plans or the approved revised plans, shall be removed and the improvements shall be reconstructed according to the approved plans.
- The contractor shall contact the appropriate agencies for location of underground gas, electric, telephone, communication, water and sewer utilities at least 48 hours prior to commencement of construction.
- The contractor shall be responsible for providing a copy of RECORD DRAWINGS to the ACOE, VTSV, U.S.F.S., and Engineer prior to final acceptance of work.
- The contractor shall notify the appropriate parties at least 48 hours prior to desired inspections.

LEGEND

- EXISTING EDGE OF ROAD
- EXISTING BUILDING
- EXISTING PROPERTY LINE
- EXISTING RIVER
- EXISTING WATER LINE
- EXISTING SEWER LINE
- EXISTING SEWER MANHOLE
- EXISTING CULVERT
- EXISTING LIGHT POST
- PROPOSED CURB AND GUTTER
- PROPOSED BUILDING FOOT PRINT
- PROPOSED WATER LINE
- PROPOSED SEWER LINE
- PROPOSED SEWER MANHOLE
- PROPOSED STORM DRAIN
- PROPOSED STORM INLET STRUCTURE

General Notes (continued):

- The contractor shall reset all Survey Monuments disturbed during construction within 60 days of project completion, including but not limited to USFS boundary monuments along the North Fork of the Rio Hondo River.
- The contractor shall be solely and completely responsible for conditions at and adjacent to the job site, including safety of all persons and property during performance of the work. This requirement shall apply continuously and not be limited to normal working hours.
- The duty of the representative for TSV or Short Elliott Hendrickson Inc. (SEH®) to conduct construction review of the contractor's performance is not intended to include review of the adequacy of the contractor's safety measures in, on, or near the construction site.
- The contractor shall limit staging and stockpiling of materials to the road unless otherwise approved by ACOE OR USFS in writing. All debris, trash, slash and excess material shall be immediately removed from the project site and either transported to other TSV property as directed and approved by Owner, or disposed of as required by County Codes and Regulations. No excess material shall be disposed of on USFS or VTSV property.
- VTSV approval must be obtained prior to stockpiling of material on VTSV R.O.W.'s or other VTSV lands or easements.
- Survey provided by "Red Tail Surveying, Inc."
301-A Hinde Street Taos, NM 87571. Phone: (575) 758-7441
BENCHMARK NORTH, N:2038355.62 E:1875614.34 ELEV:9380.77'
BENCHMARK SOUTH, N:2038022.11 E:1875586.34 ELEV:9391.84'
- The contractor shall provide all lights, signs, barricades, flagmen or other devices necessary to provide for public safety in accordance with the current Manual on Uniform Traffic Control Devices.
- The contractor shall provide ingress and egress to private property adjacent to the work throughout the period of construction, and prior to beginning work shall obtain written agreement from the affected property owners impacted by this access. This includes Parcel D on the Southwest corner of the intersection of Ernie Blake Road and Thunderbird Road.
- Prior to final placement of surface pavement, all underground utility mains and services shall be installed. Service from public utilities and from sanitary sewers shall be made available for each lot in such a manner that will not be necessary to disturb the street pavement, curb, gutter, and sidewalk when connections are made.



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REVISIONS:

A 04/17/2020 SHEET REVISIONS ON SHEET LIST TABLE
B 05/10/2020 SHEET REVISIONS ON SHEET LIST TABLE
C 06/20/2020 SHEET REVISIONS ON SHEET LIST TABLE

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
COVER SHEET

Short Elliott
Hendrickson, Inc.

934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502

SEH

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1 OF 52

FOR CONSTRUCTION

C-001C

Utility Notes:

- 1) All horizontal dimensions are to the center of pipe.
- 2) Length of pipe called out in plans is the 3D length of the pipe from inner structure wall to inner structure wall.
- 3) Structure coordinates are given at the center of structure.
- 4) Pipeline stationing is along the center line of the new pipe.
- 5) The contractor shall have in his possession at all times one (1) stamped copy of plans and specifications.
- 6) The existing sanitary sewer lines shall remain in service during the new sewer line construction.
- 7) All sanitary sewer manholes shall be pre-cast concrete with joint gaskets and joint wrap, water-proofing and sulfute resistant admixture and link-seal pipe connections.
- 8) All manhole ring and covers shall be installed with a maximum of 6" of concrete adjustment collars (riser rings). All manhole rims shall be constructed with a concrete collar.
- 9) The contractor shall backfill the trench up to the existing roadway surface, providing a smooth driving surface. In this manner, the contractor can asphalt pave large sections of trench at one time while still providing a usable roadway.
- 10) The contractor shall inform the construction observer 24 hours in advance when trench will be ready for compaction tests. The owner shall retain a geotechnical testing laboratory to perform all required tests. The contractor shall be responsible for the costs of any re-testing required as a result of failed test results. Testing shall be performed by the original geo-tech firm.
- 11) Where construction occurs in or across asphalt or concrete pavement, saw cut the pavement for a clean straight edge 6" outside the trench limits to allow clean removal and a good surface for proper patching.
- 12) All pavement saw cuts shall be 90° to one another.
- 13) The contractor shall repair or replace any public or private improvements in kind including but not limited to: residential services, water lines, sewer lines, storm drains, etc., that were removed or damaged during construction.
- 14) The contractor shall relocate street signs temporarily during construction, then replace as required, including t-lock base, metal post, mounting hardware, etc.
- 15) The contractor shall be responsible for protection of all existing asphalt from construction equipment. Damaged asphalt shall be replaced by the contractor at his expense.
- 16) Contractor shall pothole all utility crossing and tie in points prior to construction to verify position and depth in order to check for interference with proposed lines. Conflicts shall be addressed before pipe installation.
- 17) All storm sewer pipe shall be ADS smooth lined corrugated plastic pipe (SLCPP) or engineer-approved equivalent. All pipe joints shall be integral bell with a water-tight gasket.
- 18) All new water mains shall be Class 350 Ductile Iron Pip (DIP) zinc treated, asphalt coated, and cement lined. All joints and fitting connections shall be mechanically restrained with Mega-lug or engineer approved equal.
- 19) All sanitary sewer mains shall be SDR-11 HDPE.
- 20) All HPDE sanitary sewer connections shall be heat fusion-welded. All pipe to pipe connections of HDPE to other pipe material shall be heat fusion-welded.
- 21) Contractor shall video camera all existing sewer lines prior to construction in order to determine locations of all existing sanitary sewer service connections.
- 22) All concrete shall have a minimum 28-day strength of 4000 PSI. Where specifications conflict use the more stringent rating.
- 23) Culvert inlet screens shall be Haala Industries OS Series or engineer approved equal.

RECORD DRAWINGS

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Grading and Drainage Notes:

- 1) It is the Special Use Permit (SUP) holder's and their Contractor's responsibility to provide all needed equipment and other means of dust abatement and control to avoid wind erosion of excavated material and local nuisance dust to neighboring businesses and residences in the Village and forest visitors accessing local recreation destinations.
- 2) Any settlement or soil accumulations beyond the limits of construction due to grading or erosion shall be repaired immediately by the contractor.
- 3) Any construction debris or mud tracking on adjacent streets, or any other private or public drive shall be removed immediately by the contractor in accordance with the Storm Water Pollution Prevention Plan (SWPPP). The contractor shall immediately fix any excavations or excessive pavement failures caused by the construction and shall properly barricade the site until construction is complete. Failure by the contractor to correct any of the above within 48 hours of written notice by TSV or VTSV shall result in a stop work order and/or do the work and make a claim against the letter of credit for any cost incurred by the agency.
- 4) Areas being disturbed by the grading shall be reseeded with native vegetation or as approved on the development plan or SWPPP.
- 5) A Storm Water Pollution Protection Plan (SWPPP) shall be included as part of construction.



Short Elliott
Hendrickson, Inc.
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Fax: (970) 385-4502

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01/29/2020

2 OF 52

C-002

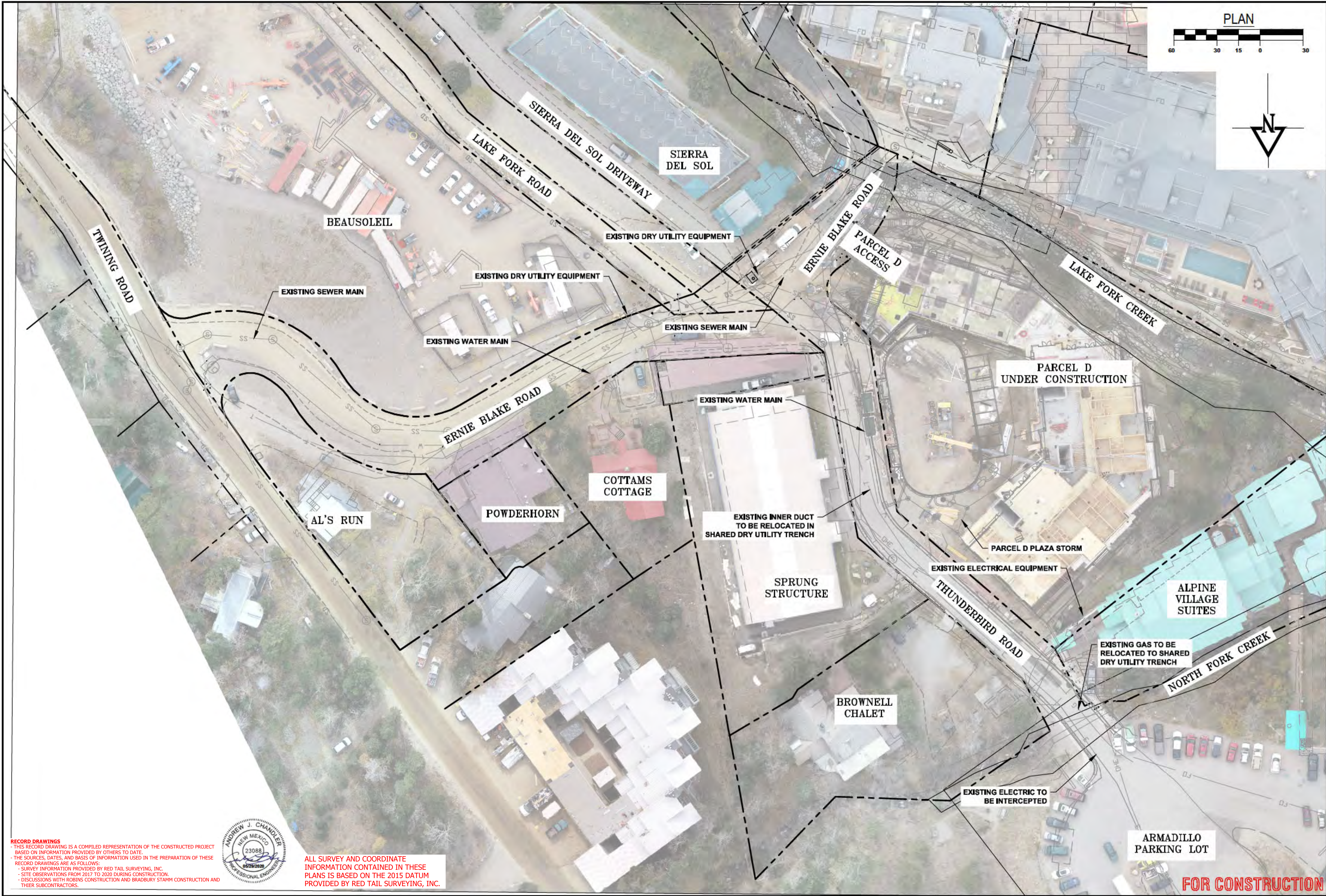
FOR CONSTRUCTION

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
GENERAL NOTES

REVISIONS:



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REVISIONS:

**TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
EXISTING CONDITIONS**

**Short Elliott
Hendrickson, Inc.**
934 Main Avenue, Unit C
Durango, Colorado 81301
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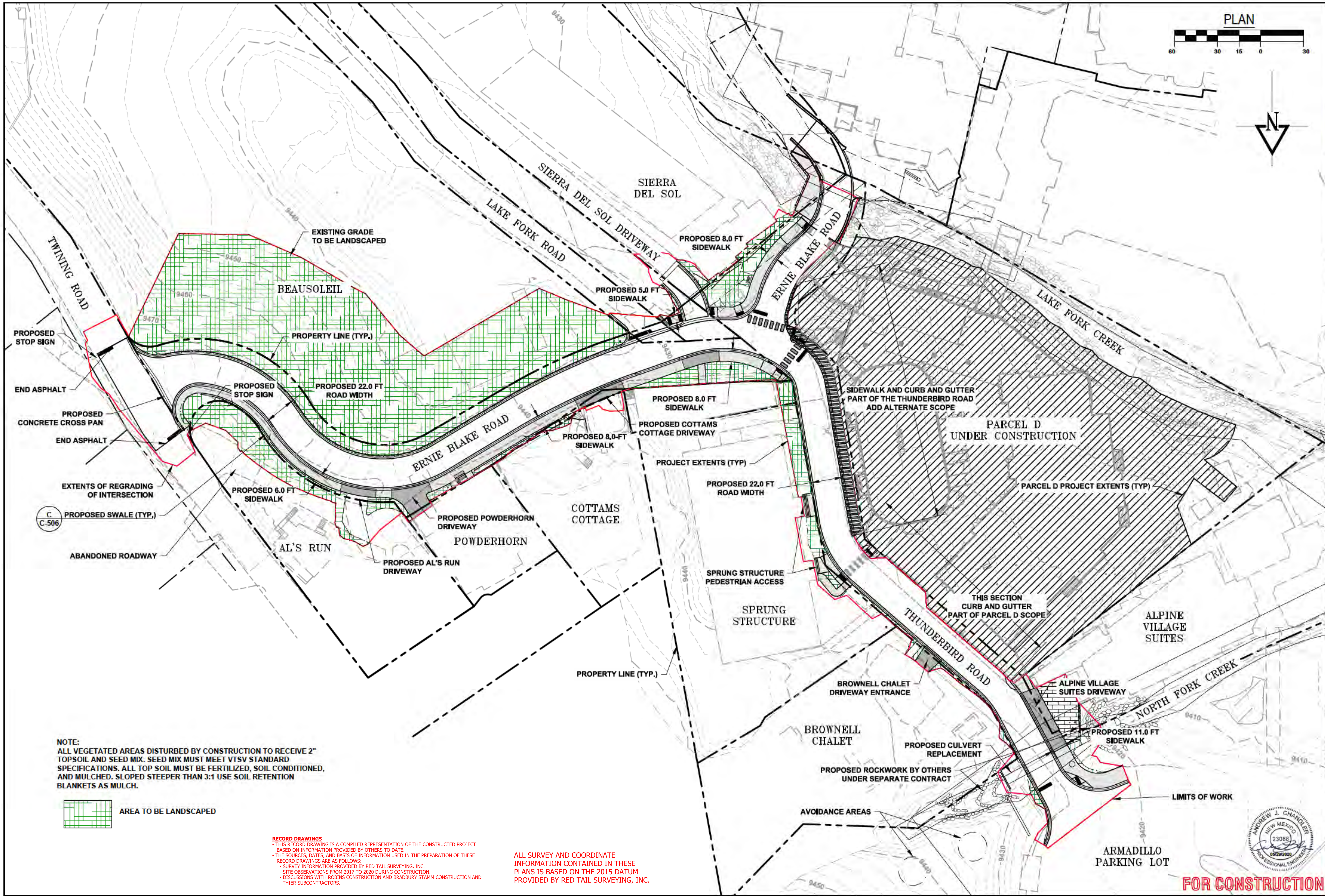


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3 OF 52

C-101



NOTE:
ALL VEGETATED AREAS DISTURBED BY CONSTRUCTION TO RECEIVE 2" TOPSOIL AND SEED MIX. SEED MIX MUST MEET VTSV STANDARD SPECIFICATIONS. ALL TOP SOIL MUST BE FERTILIZED, SOIL CONDITIONED, AND MULCHED. SLOPED STEEPER THAN 3:1 USE SOIL RETENTION BLANKETS AS MULCH.



AREA TO BE LANDSCAPED

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REVISIONS:
**TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
OVERALL SITE PLAN**

**Short Elliott
Hendrickson, Inc.**
934 Main Avenue, Unit C
Durango, Colorado 81301
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Fax: (970) 385-4502



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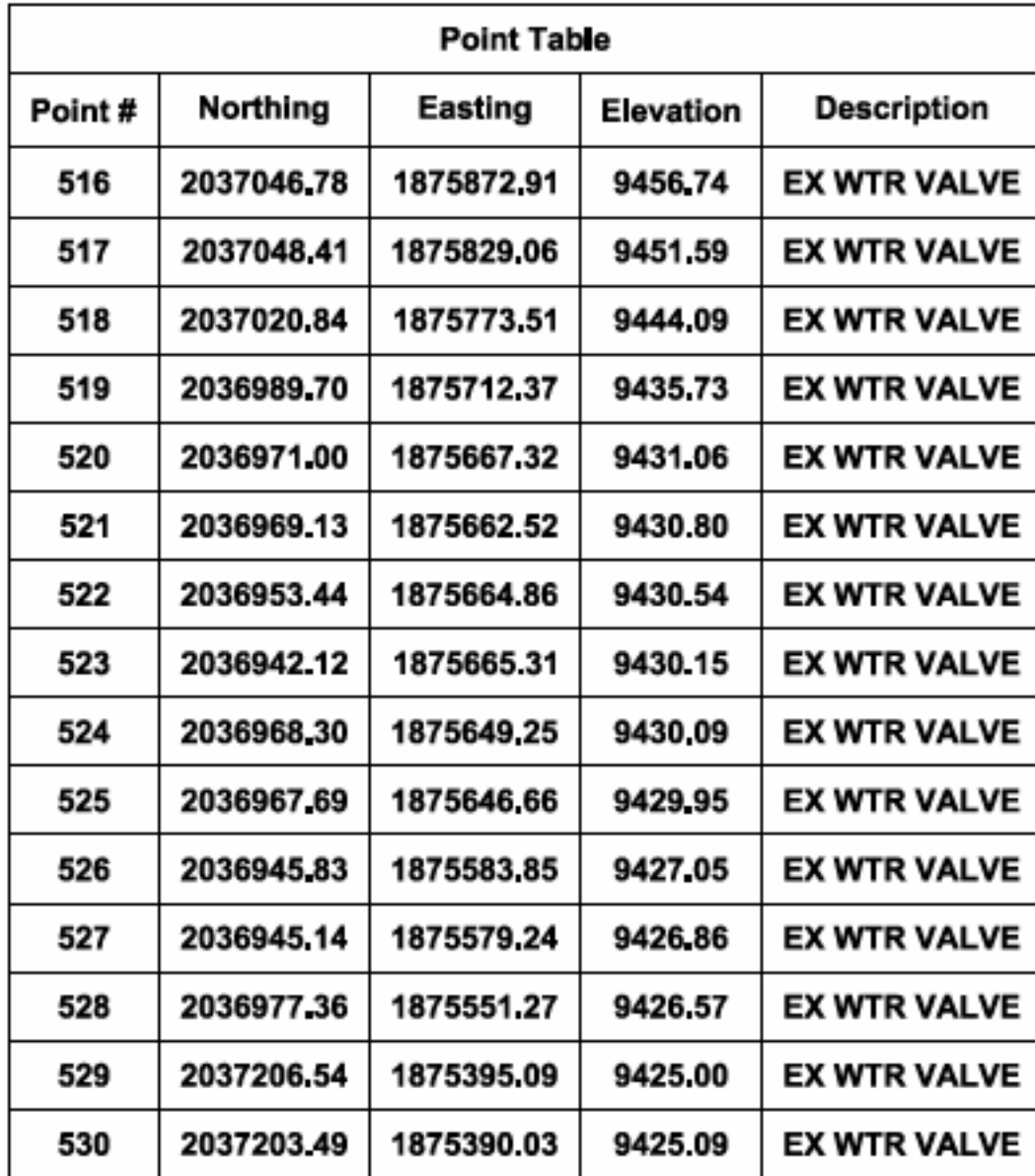
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C-103



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NOTES:

1. EXISTING SEWER MANHOLES AND VALVE CANS ARE TO BE RAISED TO THE PROPOSED ELEVATIONS SHOWN.
2. THE EXISTING SANITARY SEWER MANHOLE AT POINT 509 IS TO REMAIN AT THE EXISTING RIM ELEVATION.
3. CONTRACTOR TO VERIFY THAT RIM ELEVATIONS PROVIDED DO NOT CONFLICT WITH DETAILED GRADING PLANS (C-109 TO C-118) OR ROAD PROFILES (C-201 TO C-206).
4. SLOPES OF MANHOLE AND VALVE CAN RIMS ARE TO MATCH ADJACENT GRADE.
5. THE EXISTING SANITARY MANHOLE AT POINT 505 IS TO BE ROTATED SUCH THAT THE LID IS LOCATED IN THE STREET. INSTALL LADDER RUNGS TO MATCH.

FOR CONSTRUCTION

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TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
WET UTILITY PLAN

**Short Elliott
Hendrickson, Inc.**
934 Main Avenue, Ur-
Dunango, Colorado 8
Phone: (970) 385-45
Fax: (970) 385-45



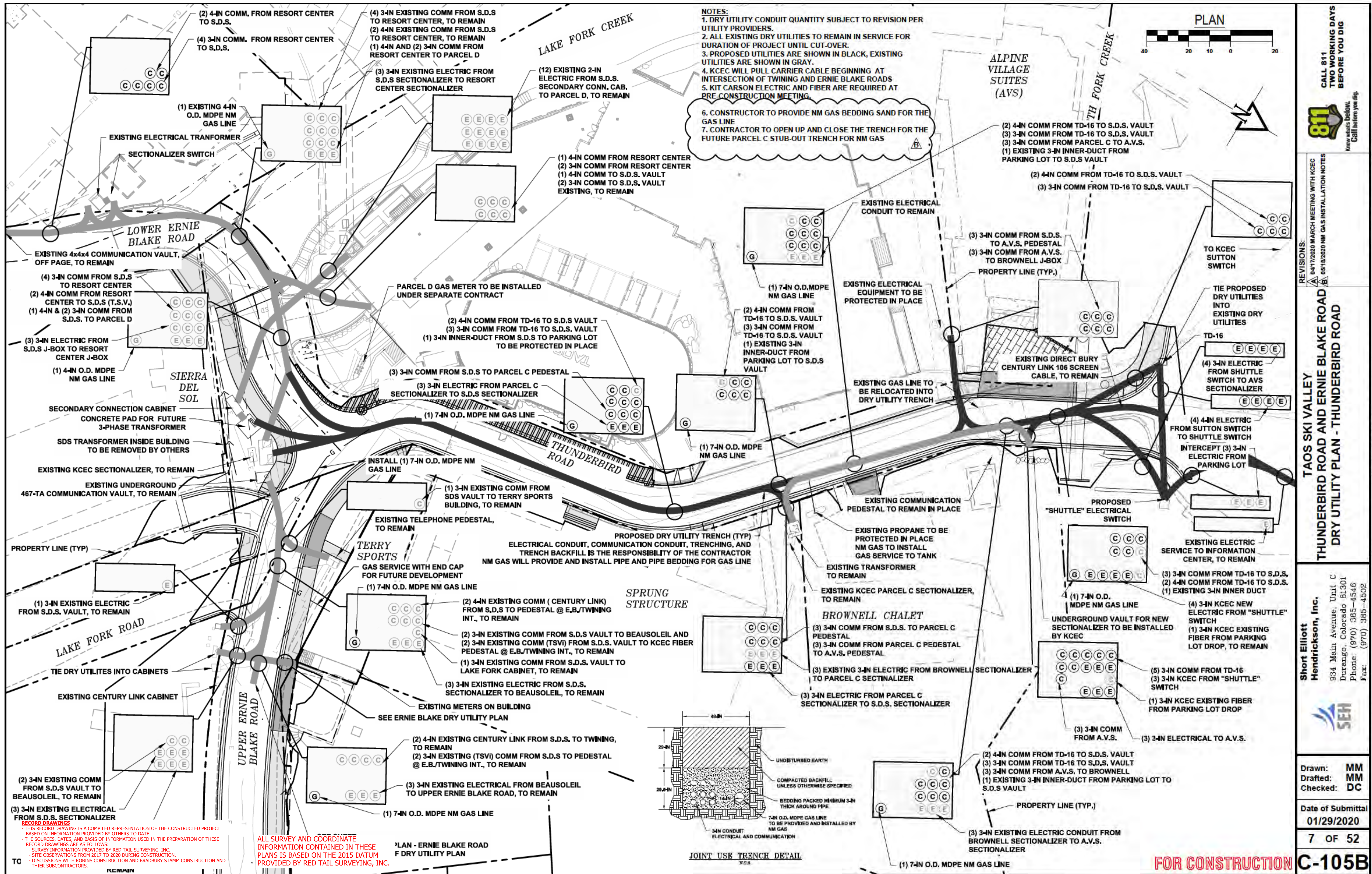
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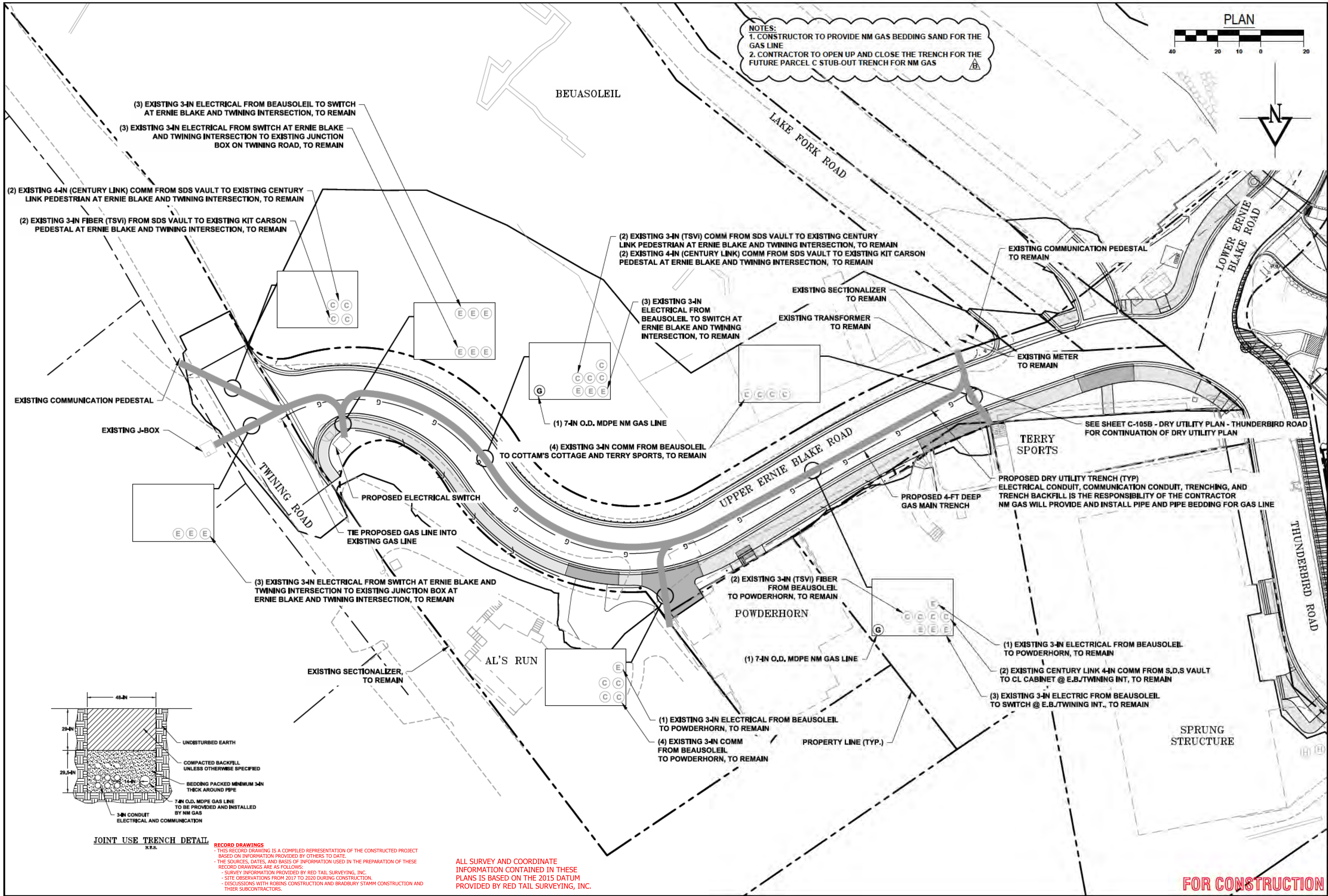
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C-104

File Name: R:\Current Projects\Land Projects 31TSV - Thunderbird and Ernie Blake\ACADLevel 3 Production Dwg\TB AND EB - WET UTILITY PLAN Plotted: 5/26/2020 4:18 PM Plot Style: HALF.STB Plotted By: PAUL THOMAS





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REVISIONS:

A	06/18/2020	NM GAS INSTALLATION NOTES
---	------------	---------------------------

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
DRY UTILITY PLAN - ERNIE BLAKE ROAD

Short Elliott
Hendrickson, Inc.

934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502

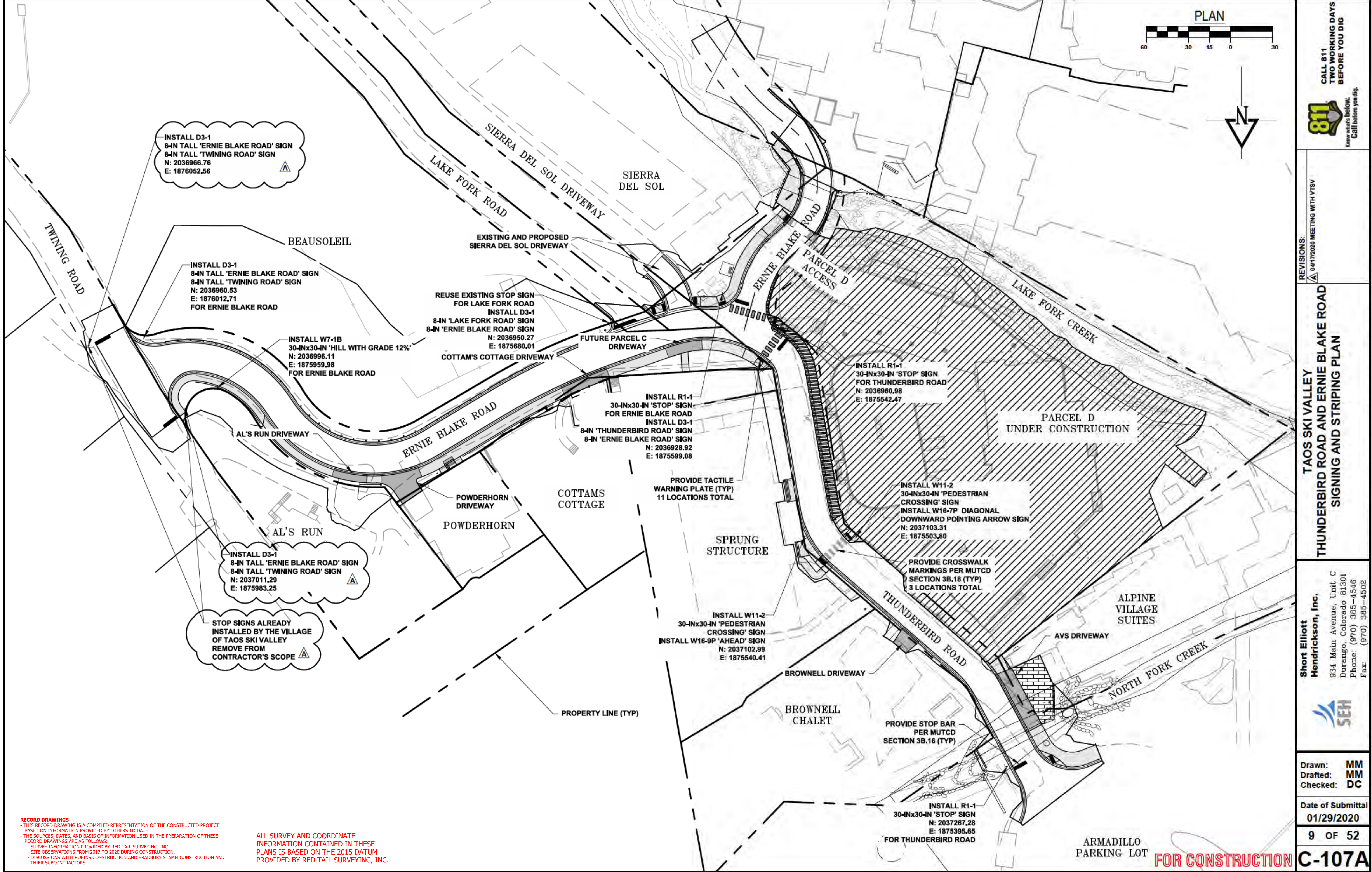
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C-106B

File Name: R:\Current Projects\Land Projects 31TSV - Thunderbird and Ernie Blake\ACAD\Level 3 Production Dwg\DRY UTILITIES REV - Ernie Blake Plotted: 5/29/2020 4:19 PM Plot Style: HAL.F.STB Plotted By: PAUL THOMAS



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REVISIONS:
A 04/17/2020 MEETING WITH VTSV

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
SIGNING AND STRIPING PLAN

**Short Elliott
Hendrickson, Inc.**
934 Main Avenue, Unit C
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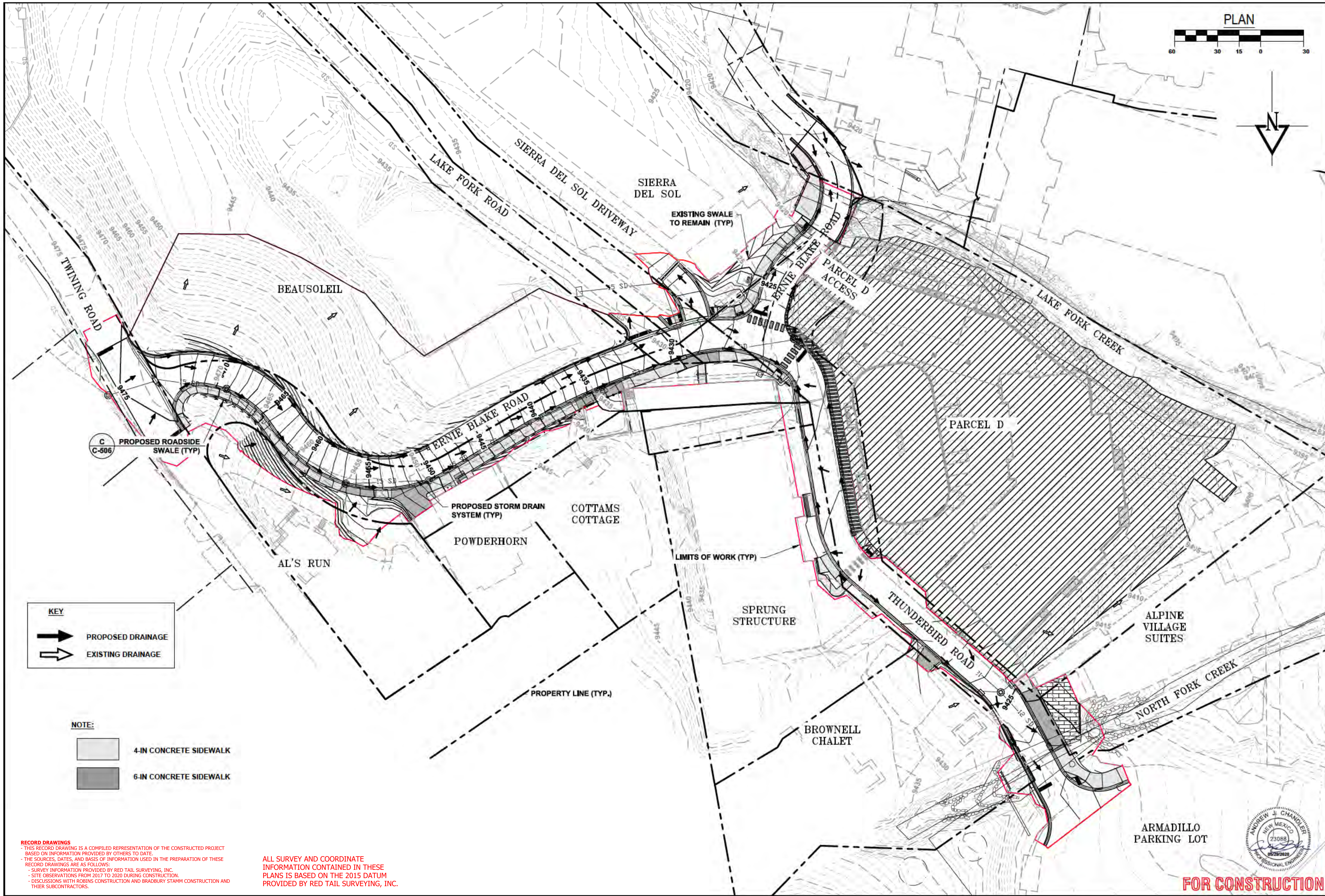


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C-107A

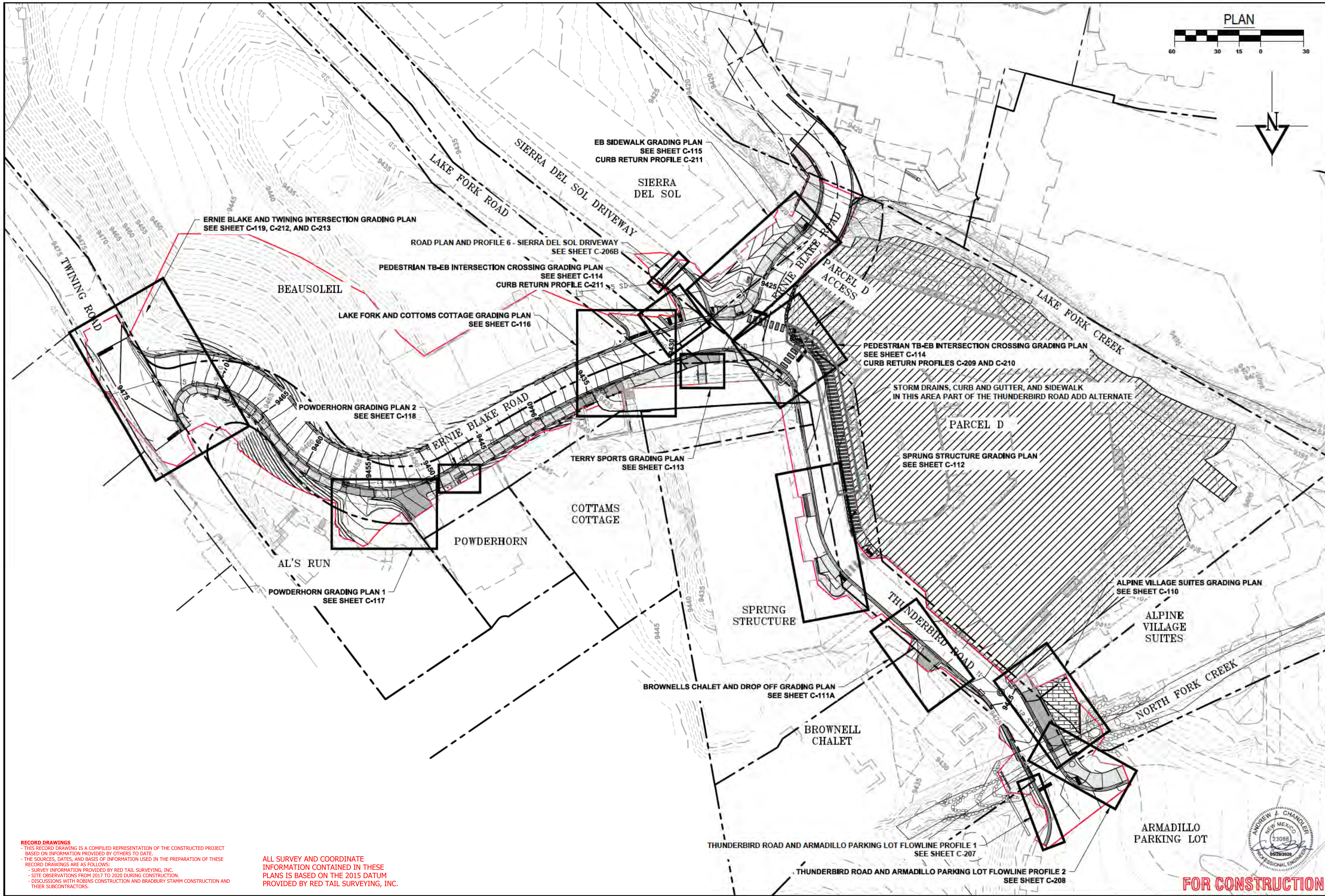


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FOR CONSTRUCTION

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REVISIONS:	
TAOS SKI VALLEY THUNDERBIRD ROAD AND ERNIE BLAKE ROAD OVERALL GRADING AND DRAINAGE PLAN	
Short Elliott Hendrickson, Inc. 934 Main Avenue, Unit C Durango, Colorado 81301 Phone: (970) 385-4546 Fax: (970) 385-4502	Drawn: MM Drafted: MM Checked: DC
	Date of Submittal 01/29/2020
	10 OF 52
	C-108



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REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
GRADING KEY PLAN

Short Elliott
Hendrickson, Inc.
934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502

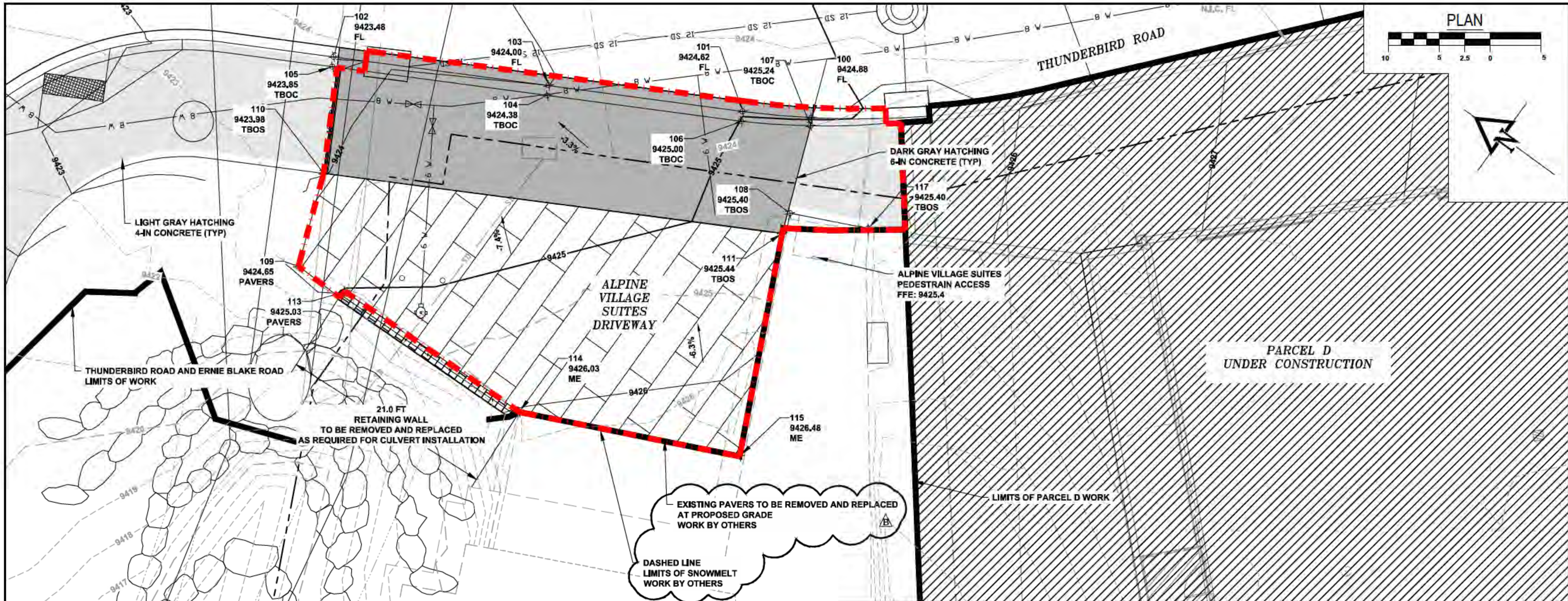


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01/29/2020

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C-109



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REVISIONS:
A 08/18/2020 SNOWMELT PAVERS WORK IN
FRONT OF AVS TO BE PERFORMED BY
OTHERS

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
ALPINE VILLAGE SUITES GRADING PLAN

Short Elliott
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934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502



Drawn: MM
Drafted: MM
Checked: DC

Date of Submittal
01/29/2020

12 OF 52

C-110B

Point Table				
Point #	Northing	Easting	Elevation	Description
100	2037201.44	1875403.41	9424.88	FL
101	2037207.32	1875399.95	9424.62	FL
102	2037243.11	1875380.80	9423.48	FL
103	2037224.30	1875390.87	9424.00	FL
104	2037223.83	1875389.98	9424.38	TBOC
105	2037242.63	1875379.92	9423.85	TBOC
106	2037206.87	1875399.06	9425.00	TBOC
107	2037201.07	1875402.70	9425.24	TBOC
108	2037197.69	1875394.54	9425.40	TBOS
109	2037233.90	1875362.08	9424.65	PAVERS
110	2037237.23	1875370.92	9423.98	TBOS
111	2037197.16	1875392.52	9425.44	TBOS
113	2037228.72	1875362.73	9425.03	PAVERS
114	2037207.90	1875363.14	9426.03	ME
115	2037187.76	1875372.29	9426.48	ME
117	2037190.55	1875397.84	9425.40	TBOS

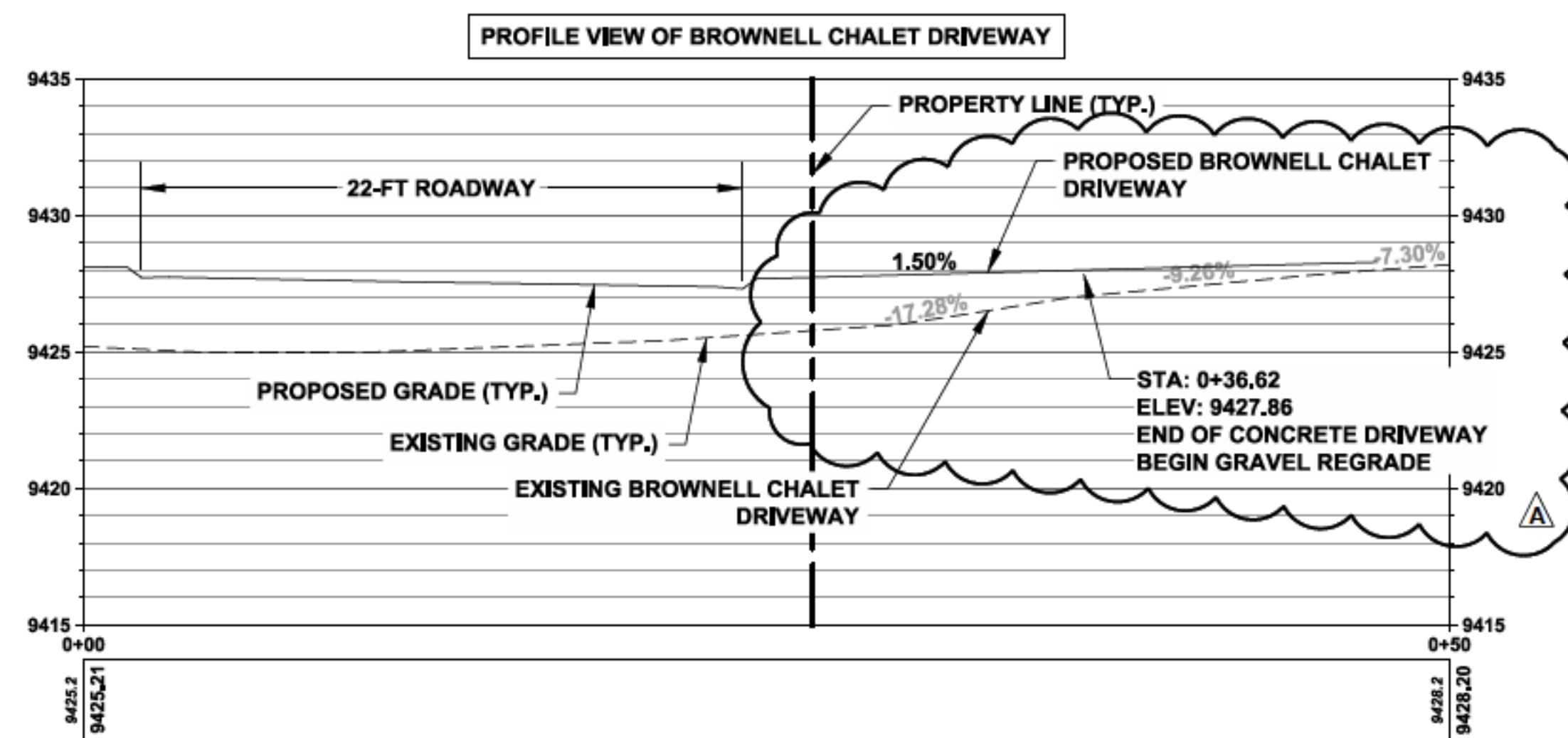
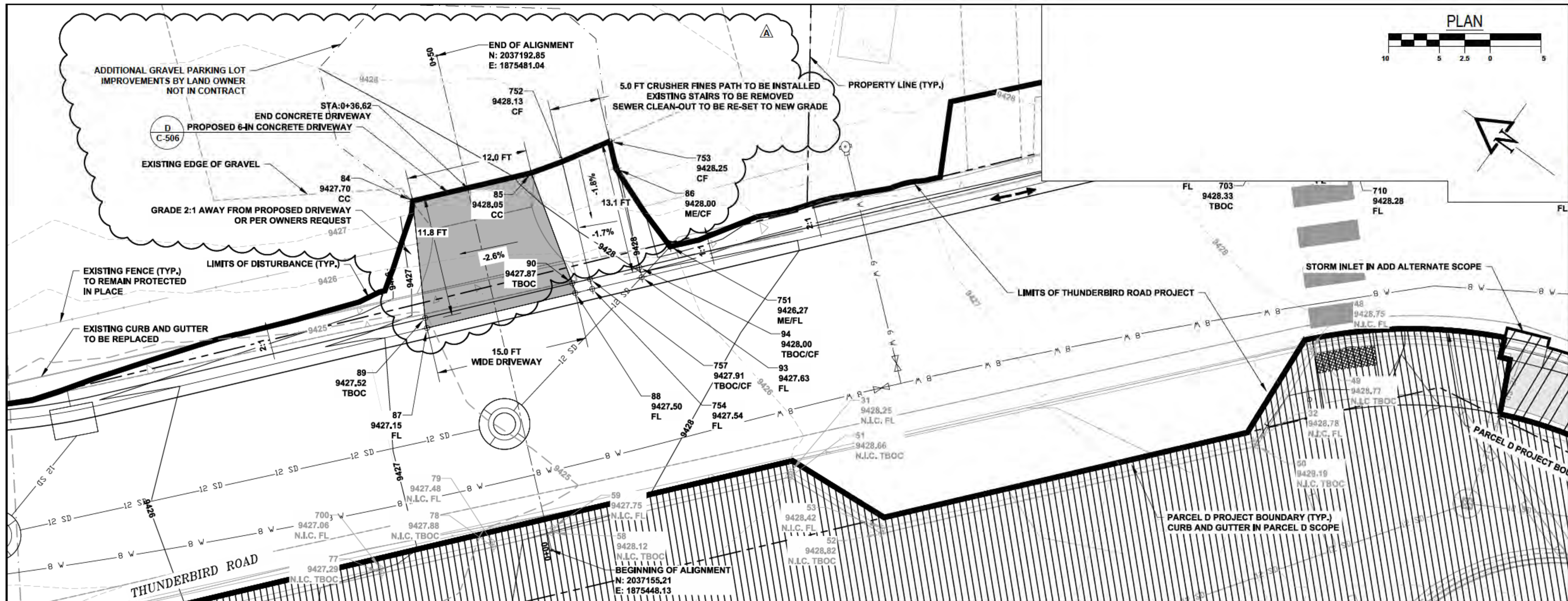
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TBOS = TOP BACK OF SIDEWALK
PAN = CONCRETE PAN
CC = CONCRETE
PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
ME = MATCH EXISTING
PAVERS = EDGE OF PAVERS

RECORD DRAWINGS
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 ME = MATCH EXISTING
 ASPH = ASPHALT
 CF = CRUSHER FINES PATH
 N.I.C. = NOT IN CONTRACT

Point Table				
Point #	Northing	Easting	Elevation	Description
31	2037140.61	1875468.18	9428.25	N.I.C. FL
32	2037105.35	1875497.25	9428.78	N.I.C. FL
48	2037106.08	1875507.91	9428.75	N.I.C. FL
49	2037105.57	1875507.73	9428.77	N.I.C. TBOC
50	2037104.84	1875497.08	9429.19	N.I.C. TBOC
51	2037140.37	1875467.70	9428.66	N.I.C. TBOC
52	2037129.80	1875468.43	9428.82	N.I.C. TBOC
53	2037130.04	1875468.91	9428.42	N.I.C. FL
58	2037156.15	1875449.52	9428.12	N.I.C. TBOC
59	2037156.41	1875449.99	9427.75	N.I.C. FL
77	2037167.48	1875436.47	9427.29	N.I.C. TBOC
78	2037160.06	1875445.02	9427.88	N.I.C. TBOC
79	2037160.43	1875445.35	9427.48	N.I.C. FL

Point Table				
Point #	Northing	Easting	Elevation	Description
84	2037186.41	1875468.05	9427.70	CC
85	2037178.55	1875477.11	9428.05	CC
86	2037172.01	1875482.33	9428.00	ME/CF
87	2037177.96	1875458.72	9427.15	FL
88	2037168.12	1875470.05	9427.50	FL
89	2037178.68	1875459.42	9427.52	TBOC
90	2037168.92	1875470.66	9427.87	TBOC
93	2037163.71	1875475.13	9427.63	FL
94	2037164.47	1875475.78	9428.00	TBOC/CF
700	2037167.83	1875436.83	9427.06	N.I.C. FL
751	2037163.20	1875479.22	9426.27	ME/FL
752	2037176.72	1875479.80	9428.13	CF
753	2037174.10	1875484.15	9428.25	CF

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 1 04/17/2020 BROWNELL'S DRIVEWAY
 REGRADE

TAOS SKI VALLEY
 THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
 BROWNELL'S CHALET AND DROP OFF GRADING
 PLAN

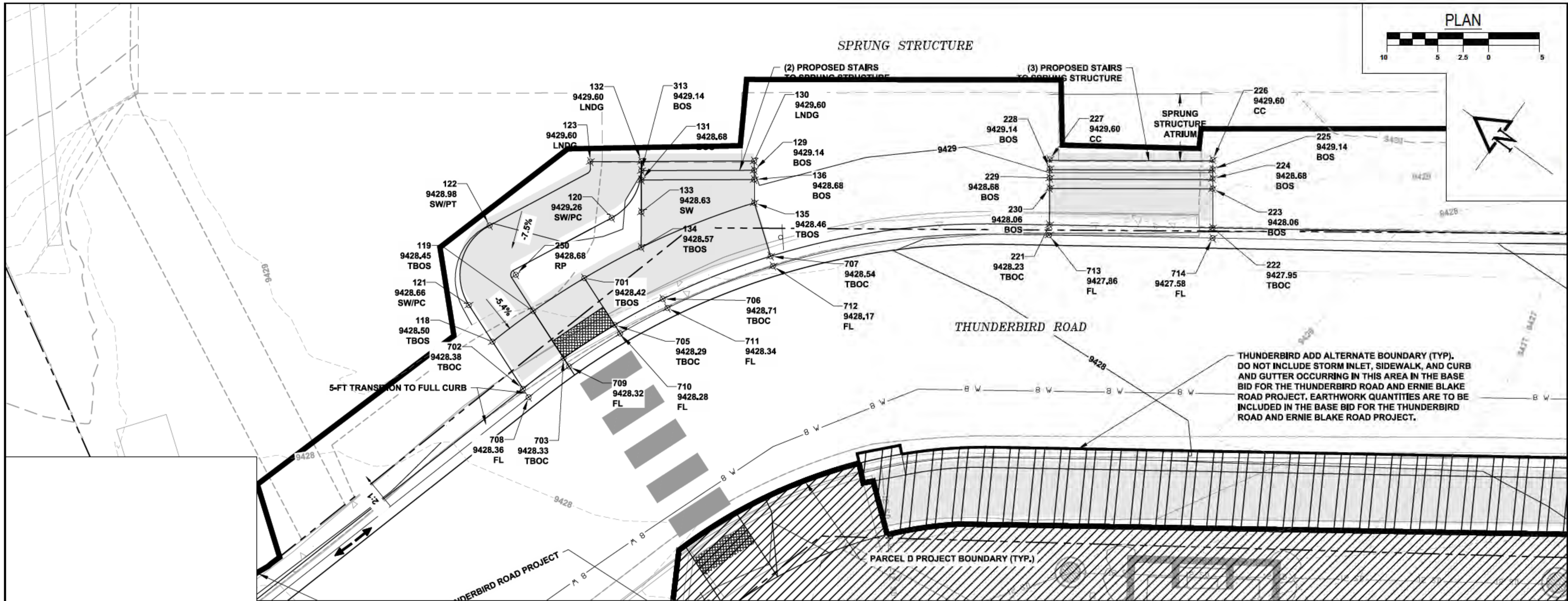
Short Elliott
 Hendrickson, Inc.
 934 Main Avenue, Unit C
 Durango, Colorado 81301
 Phone: (970) 385-4546
 Fax: (970) 385-4502

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C-111A



Point Table				
Point #	Northing	Easting	Elevation	Description
118	2037128.97	1875525.06	9428.50	TBOS
119	2037125.58	1875528.77	9428.45	TBOS
120	2037119.69	1875539.22	9429.26	SW/PC
121	2037131.91	1875528.18	9428.66	SW/PC
122	2037131.37	1875536.25	9428.98	SW/PT
123	2037122.79	1875544.29	9429.60	LNDG
129	2037106.76	1875546.43	9429.14	BOS
130	2037106.94	1875547.33	9429.60	LNDG
131	2037117.51	1875543.44	9428.68	BOS
132	2037117.85	1875545.25	9429.60	LNDG
133	2037116.92	1875540.33	9428.63	SW
134	2037116.30	1875536.90	9428.57	TBOS
135	2037106.17	1875543.28	9428.46	TBOS
136	2037106.60	1875545.53	9428.68	BOS
221	2037077.20	1875546.54	9428.23	TBOC

Point Table				
Point #	Northing	Easting	Elevation	Description
222	2037061.35	1875549.23	9427.95	TBOC
223	2037062.07	1875553.03	9428.06	BOS
224	2037062.25	1875554.01	9428.68	BOS
225	2037062.41	1875554.91	9429.14	BOS
226	2037062.58	1875555.81	9429.60	CC
227	2037078.37	1875552.88	9429.60	CC
228	2037078.20	1875551.98	9429.14	BOS
229	2037078.03	1875551.08	9428.68	BOS
230	2037077.85	1875550.10	9428.06	BOS
250	2037127.93	1875531.96	9428.68	RP
313	2037117.68	1875544.34	9429.14	BOS
701	2037121.23	1875532.89	9428.42	TBOS
702	2037125.16	1875521.05	9428.38	TBOC
703	2037121.79	1875524.78	9428.33	TBOC
705	2037117.45	1875528.91	9428.29	TBOC

Point Table				
Point #	Northing	Easting	Elevation	Description
706	2037113.27	1875532.30	9428.71	TBOC
707	2037103.60	1875538.42	9428.54	TBOC
708	2037124.46	1875520.34	9428.36	FL
709	2037121.10	1875524.05	9428.32	FL
710	2037116.76	1875528.19	9428.28	FL
711	2037112.65	1875531.52	9428.34	FL
712	2037103.20	1875537.50	9428.17	FL
713	2037077.05	1875545.55	9427.86	FL
714	2037081.17	1875548.25	9427.58	FL

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PC = POINT OF CURVATURE
ME = MATCH EXISTING
LNDG = ADA LANDING
BOS = BOTTOM OF STAIR

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TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
SPRUNG STRUCTURE GRADING PLAN

Short Elliott
Hendrickson, Inc.
934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502

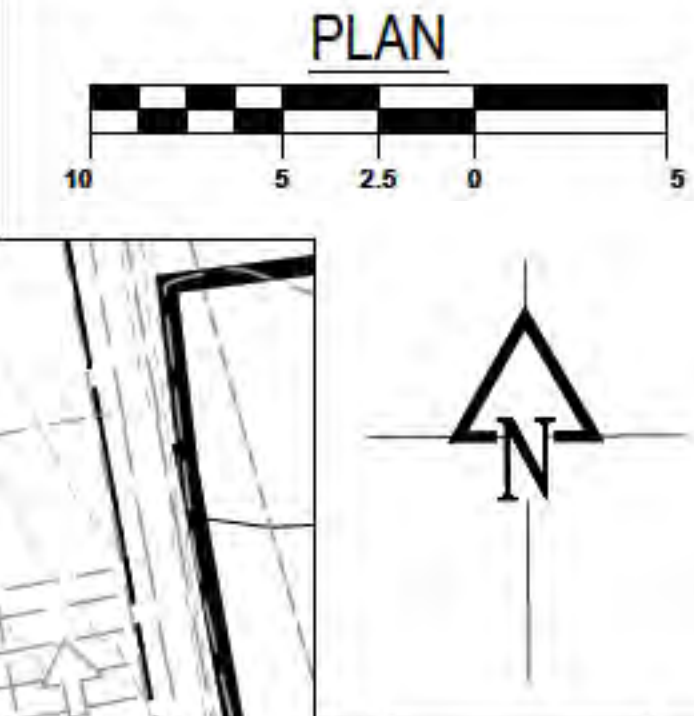
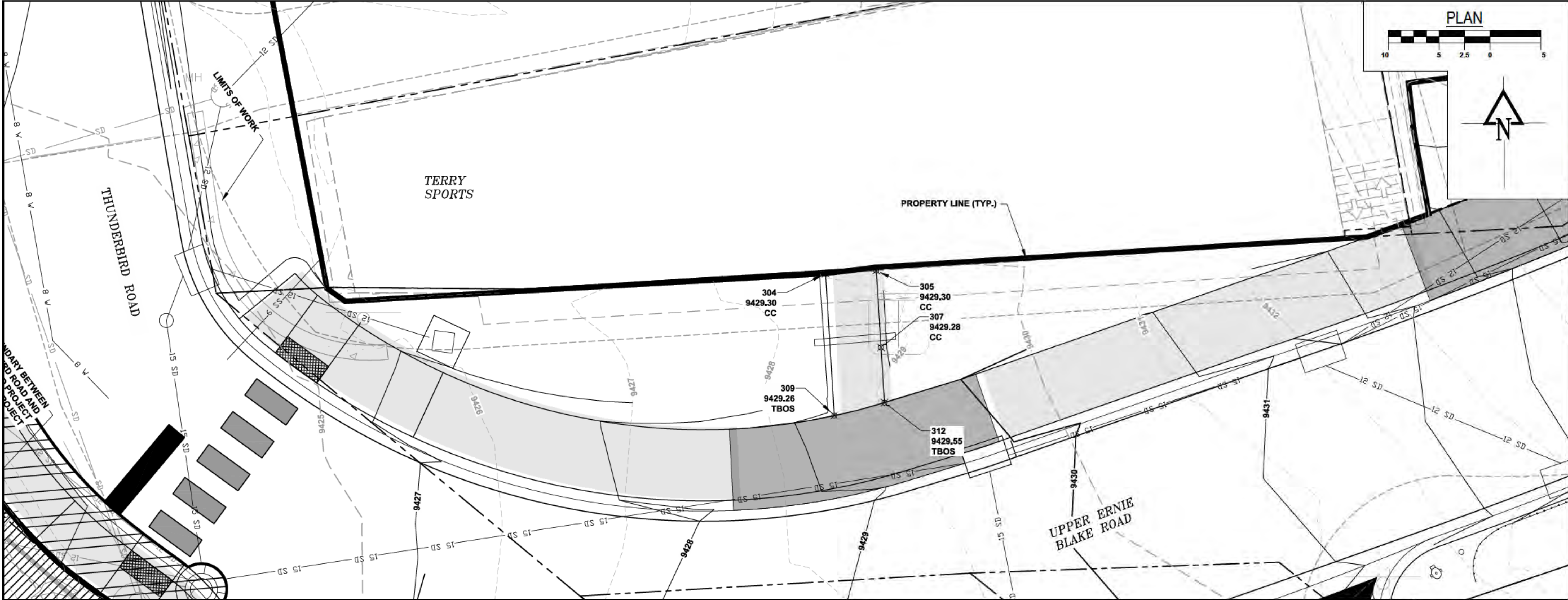


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C-112



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REVISIONS:

**TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
TERRY SPORTS GRADING PLAN**

**Short Elliott
Hendrickson, Inc.**
934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502



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01/29/2020

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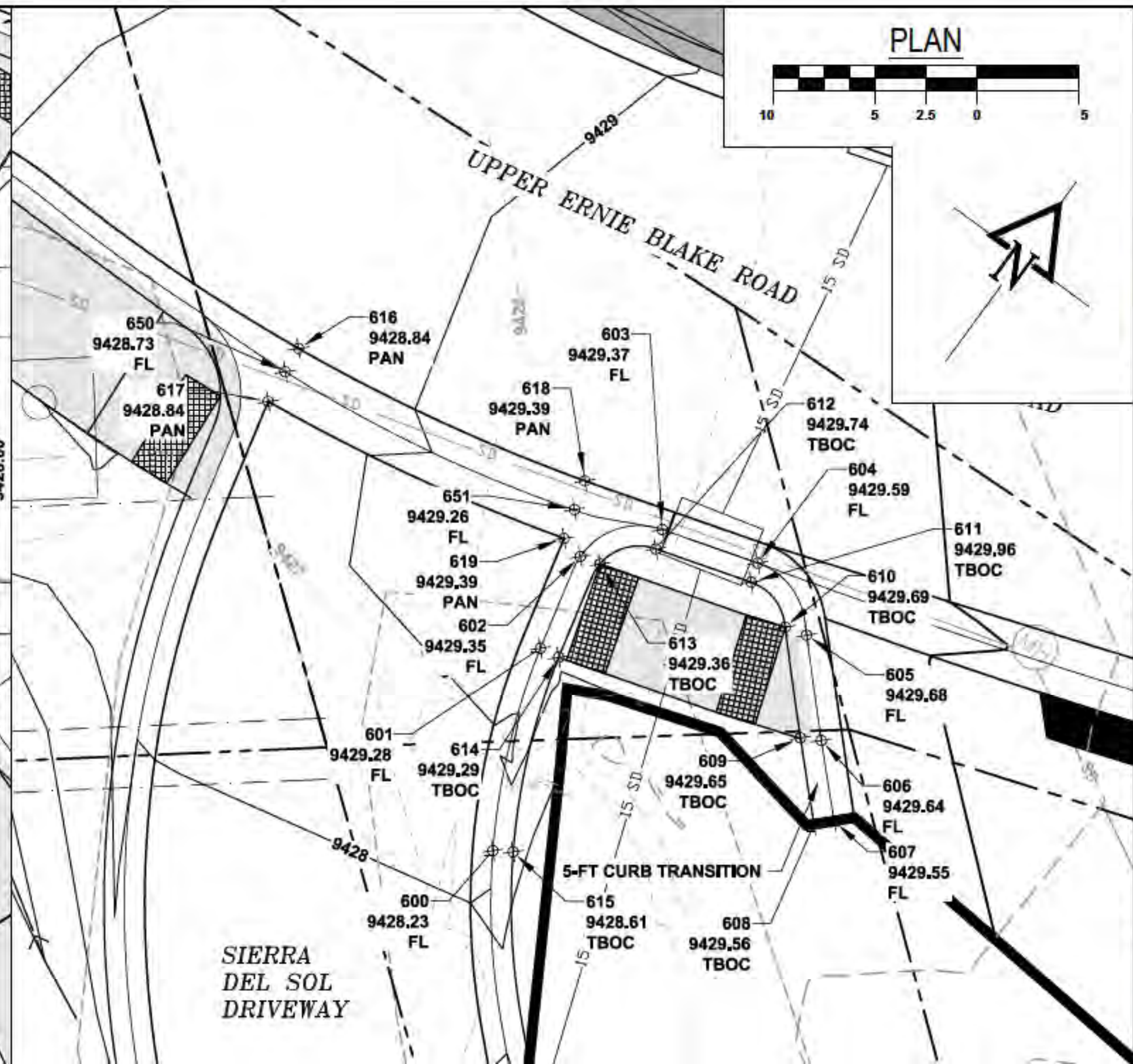
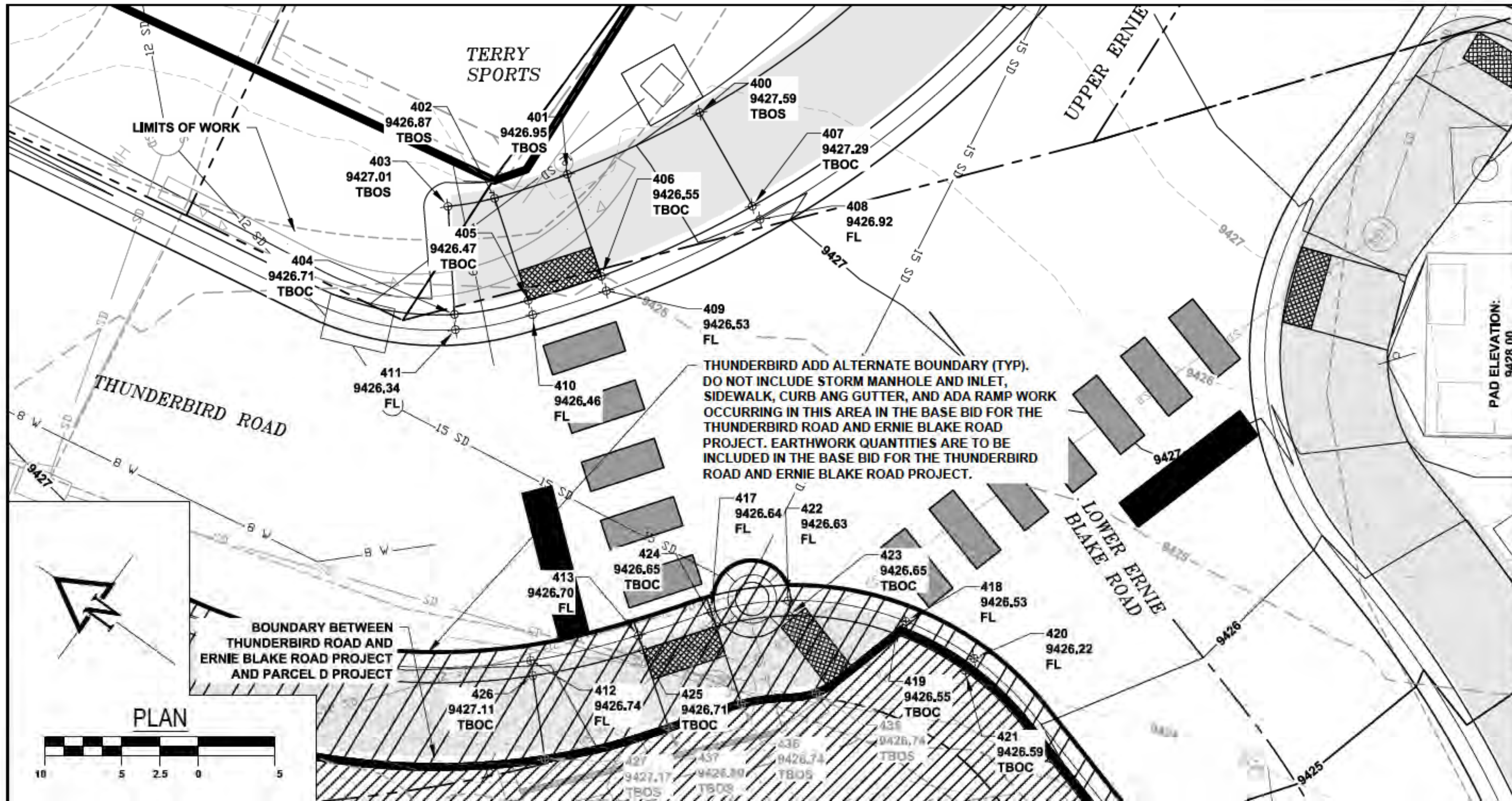


Point Table				
Point #	Northing	Easting	Elevation	Description
304	2036984.81	1875622.98	9429.30	CC
305	2036985.12	1875627.97	9429.30	CC
307	2036977.55	1875628.44	9429.28	CC
309	2036970.86	1875623.84	9429.26	TBOS
312	2036972.12	1875628.77	9429.55	TBOS

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Point Table				
Point #	Northing	Easting	Elevation	Description
400	2036975.06	1875585.40	9427.59	TBOS
401	2036979.70	1875577.09	9426.95	TBOS
402	2036982.65	1875573.05	9426.87	TBOS
403	2036984.81	1875570.84	9427.01	TBOS
404	2036980.34	1875565.37	9426.71	TBOC
405	2036976.98	1875568.92	9426.47	TBOC
406	2036974.03	1875572.99	9426.55	TBOC
407	2036968.70	1875582.47	9427.29	TBOC
408	2036967.79	1875582.05	9426.92	FL
409	2036973.21	1875572.41	9426.53	FL
410	2036976.19	1875568.33	9426.46	FL
411	2036979.71	1875564.60	9426.34	FL
412	2036963.11	1875549.95	9426.74	FL
413	2036958.36	1875555.38	9426.70	FL
417	2036955.41	1875559.40	9426.64	FL
418	2036944.74	1875566.33	9426.53	FL
419	2036944.77	1875565.28	9426.55	TBOC
420	2036939.72	1875566.96	9426.22	FL
421	2036939.74	1875565.98	9426.59	TBOC
422	2036951.76	1875562.95	9426.63	FL

Point Table				
Point #	Northing	Easting	Elevation	Description
423	2036951.16	1875562.15	9426.65	TBOC
424	2036954.59	1875558.82	9426.65	TBOC
425	2036957.57	1875554.79	9426.71	TBOC
426	2036962.42	1875549.23	9427.11	TBOC
427	2036958.61	1875545.27	9427.17	TBOS
435	2036944.77	1875559.12	9426.74	TBOS
436	2036950.30	1875555.69	9426.74	TBOS
437	2036953.29	1875551.69	9426.80	TBOS

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Point Table				
Point #	Northing	Easting	Elevation	Description
600	2036926.78	1875643.38	9428.23	FL
601	2036936.18	1875639.38	9429.28	FL
602	2036940.97	1875638.30	9429.35	FL
603	2036944.42	1875640.77	9429.37	FL
604	2036945.87	1875645.51	9429.59	FL
605	2036944.44	1875649.55	9429.68	FL
606	2036940.69	1875653.19	9429.64	FL
607	2036937.86	1875656.03	9429.55	FL
608	2036937.15	1875655.34	9429.56	TBOC
609	2036940.18	1875652.29	9429.65	TBOC
610	2036944.12	1875648.47	9429.69	TBOC
611	2036944.91	1875645.81	9429.96	TBOC
612	2036943.46	1875641.06	9429.74	TBOC
613	2036941.25	1875639.30	9429.36	TBOC
614	2036936.35	1875640.37	9429.29	TBOC
615	2036927.32	1875644.22	9428.61	TBOC
616	2036941.03	1875621.10	9428.84	PAN
617	2036938.05	1875621.44	9428.84	PAN
618	2036944.10	1875636.28	9429.39	PAN

Point Table				
Point #	Northing	Easting	Elevation	Description
619	2036941.21	1875637.13	9429.39	PAN
622	2036939.57	1875616.54	9428.57	FL
650	2036939.72	1875621.25	9428.73	FL
651	2036942.67	1875636.71	9429.26	FL

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 Phone: (970) 385-4546
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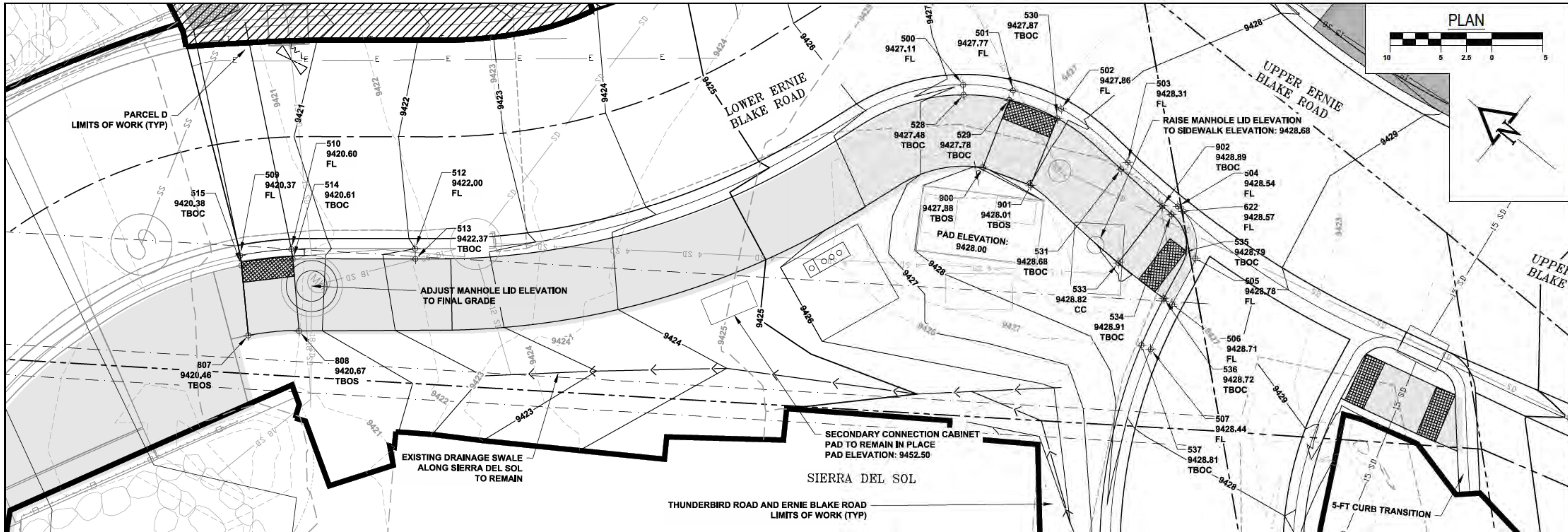
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C-114

TAOS SKI VALLEY
 THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
 PEDESTRIAN TB-EB INTERSECTION CROSSING
 GRADING PLAN

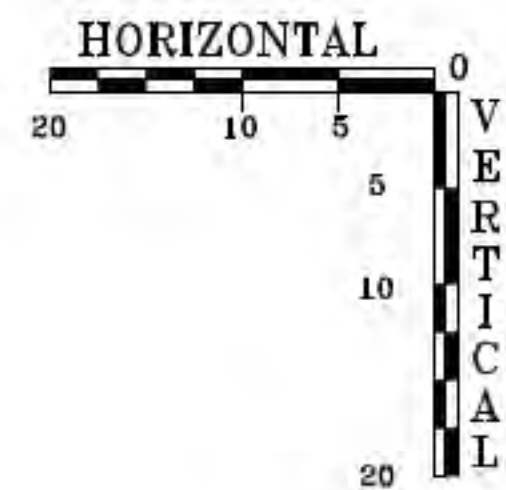
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500	2036934.29	1875592.17	9427.11	FL
501	2036937.17	1875596.17	9427.77	FL
502	2036939.00	1875600.90	9427.86	FL
503	2036939.47	1875609.28	9428.31	FL
504	2036939.59	1875615.83	9428.54	FL
505	2036936.95	1875620.51	9428.78	FL
506	2036932.08	1875621.85	9428.71	FL
507	2036927.38	1875623.26	9428.44	FL
509	2036874.22	1875550.69	9420.37	FL
510	2036878.05	1875554.01	9420.60	FL
512	2036886.25	1875563.01	9422.00	FL
513	2036885.52	1875563.70	9422.37	TBOC
514	2036877.42	1875554.78	9420.61	TBOC

Point Table				
Point #	Northing	Easting	Elevation	Description
515	2036873.58	1875551.45	9420.38	TBOC
528	2036933.60	1875592.86	9427.48	TBOC
529	2036936.22	1875596.53	9427.78	TBOC
530	2036938.05	1875601.23	9427.87	TBOC
531	2036938.56	1875609.24	9428.68	TBOC
533	2036931.55	1875615.20	9428.82	CC
534	2036938.59	1875615.89	9428.91	TBOC
535	2036936.88	1875619.38	9428.79	TBOC
536	2036931.95	1875620.86	9428.72	TBOC
537	2036927.07	1875622.30	9428.81	TBOC
807	2036868.95	1875556.55	9420.46	TBOS
808	2036872.60	1875559.96	9420.67	TBOS
900	2036929.58	1875599.05	9427.88	TBOS
901	2036931.41	1875603.70	9428.01	TBOS
902	2036938.58	1875614.67	9428.89	TBOC

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REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
EB SIDEWALK GRADING PLAN

Short Elliott
Hendrickson, Inc.
934 Main Avenue, Unit C
Durango, Colorado 81301
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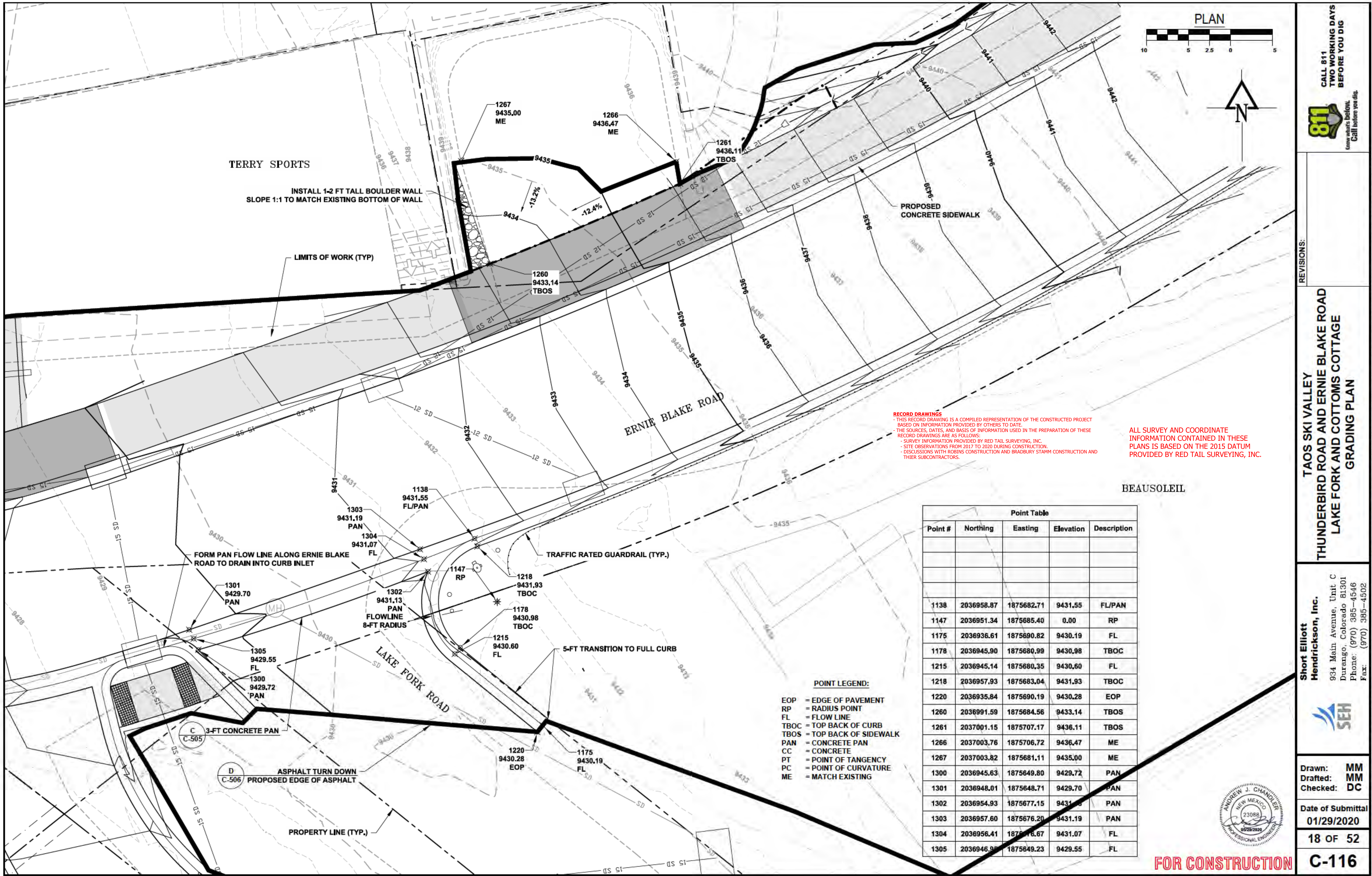


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REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
LAKE FORK AND COTTOMS COTTAGE
GRADING PLAN

Short Elliott
Hendrickson, Inc.
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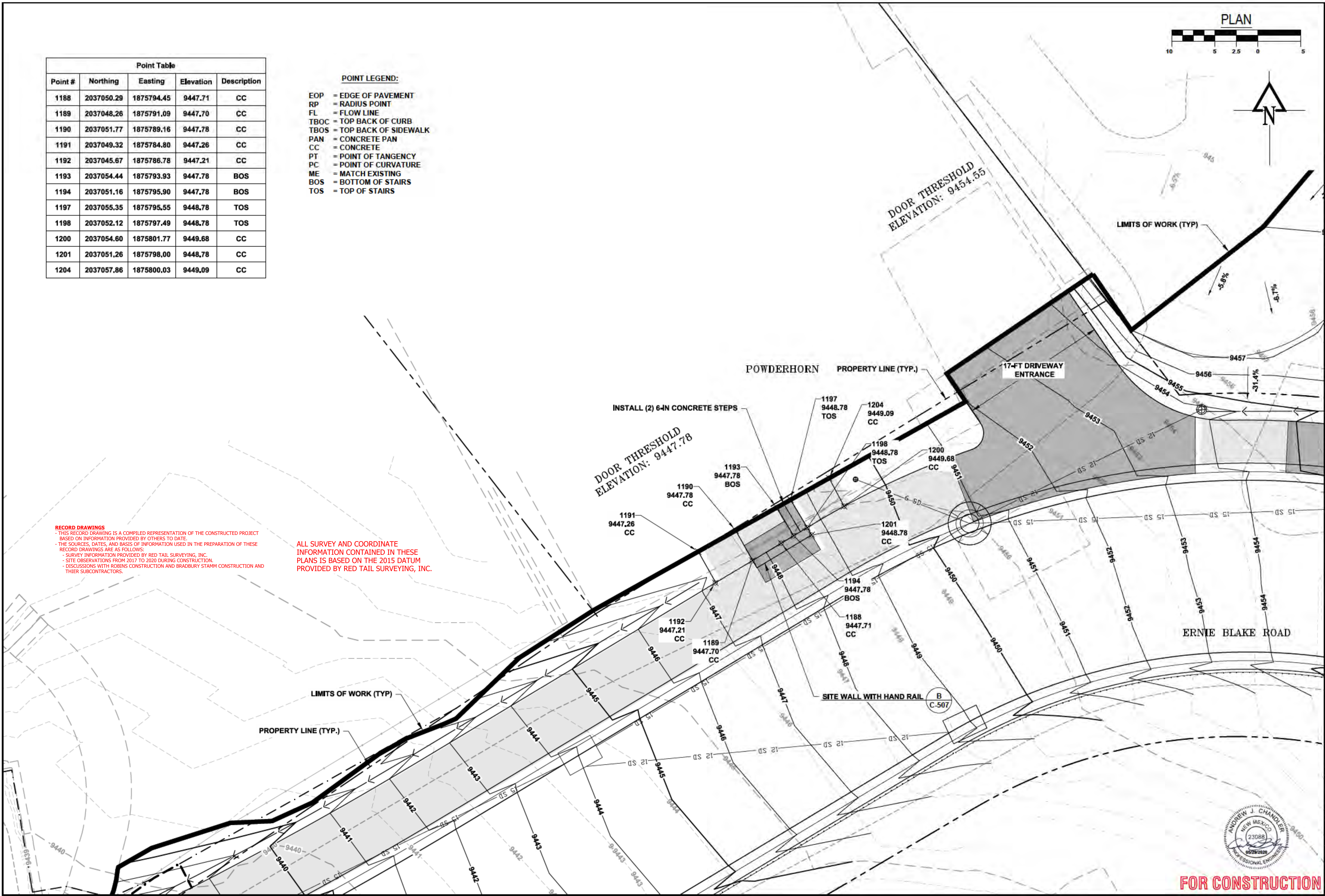
Point Table				
Point #	Northing	Easting	Elevation	Description
1188	2037050.29	1875794.45	9447.71	CC
1189	2037048.26	1875791.09	9447.70	CC
1190	2037051.77	1875789.16	9447.78	CC
1191	2037049.32	1875784.80	9447.26	CC
1192	2037045.67	1875786.78	9447.21	CC
1193	2037054.44	1875793.93	9447.78	BOS
1194	2037051.16	1875795.90	9447.78	BOS
1197	2037055.35	1875795.55	9448.78	TOS
1198	2037052.12	1875797.49	9448.78	TOS
1200	2037054.60	1875801.77	9449.68	CC
1201	2037051.26	1875798.00	9448.78	CC
1204	2037057.86	1875800.03	9449.09	CC

POINT LEGEND:

EOP = EDGE OF PAVEMENT
RP = RADIUS POINT
FL = FLOW LINE
TBOC = TOP BACK OF CURB
TBOB = TOP BACK OF SIDEWALK
PAN = CONCRETE PAN
CC = CONCRETE
PT = POINT OF TANGENCY
PC = POINT OF CURVATURE
ME = MATCH EXISTING
BOS = BOTTOM OF STAIRS
TOS = TOP OF STAIRS

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POWDERHORN GRADING PLAN 2

Short Elliott
Hendrickson, Inc.

934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502

Drawn: MM
Drafted: MM
Checked: DC

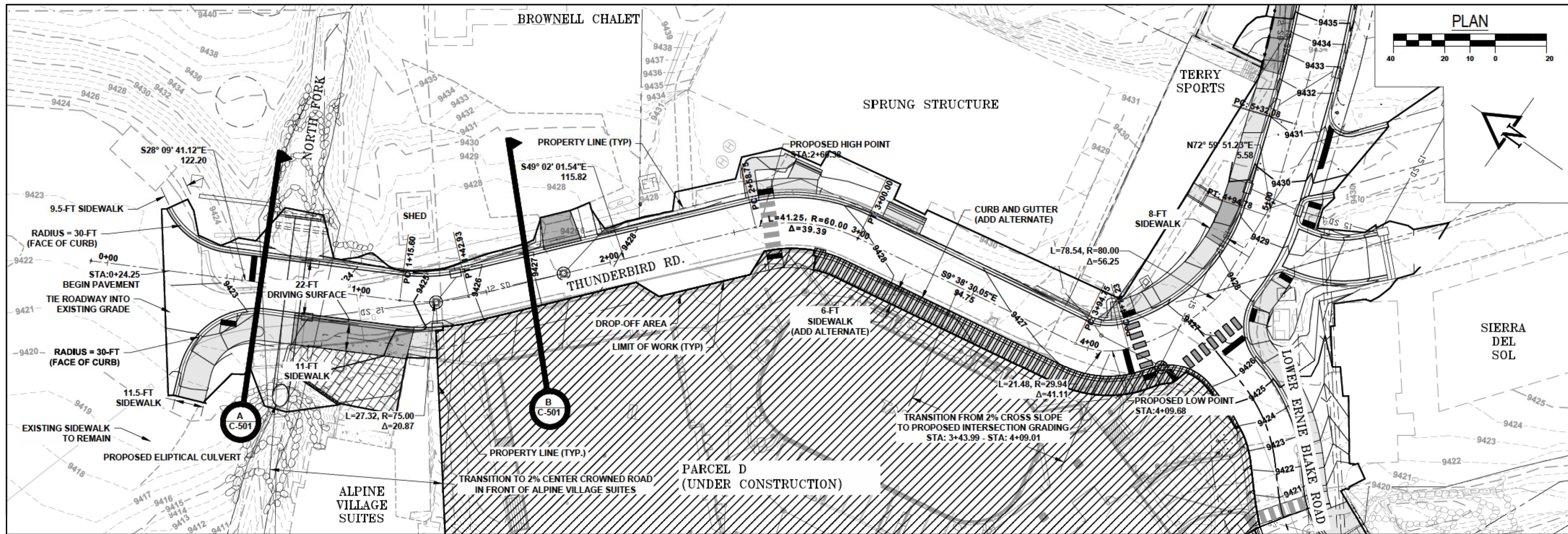
Date of Submittal
01/29/2020

20 OF 52

C-118

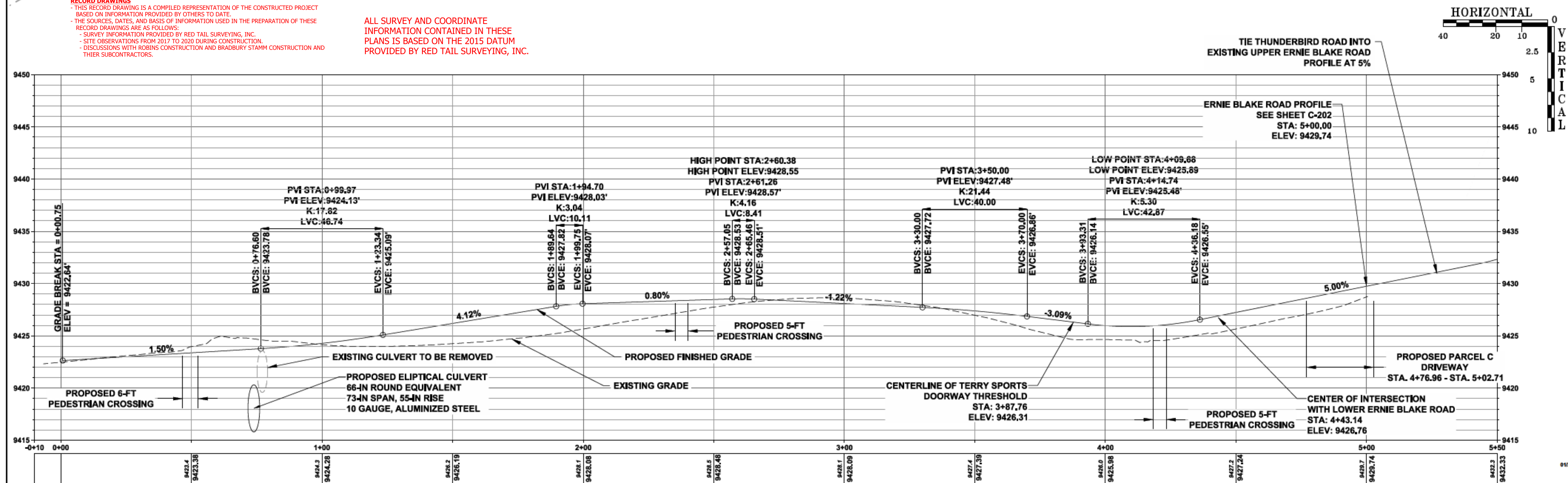
ANDREW J. CHANDLER
NEW MEXICO
23088
01/29/2020
PROFESSIONAL ENGINEER

File Name: R:\Current Projects\Land Projects 31TSV - Thunderbird and Ernie Blake\ACAD\Level 3 Production Dwg\EB - GRADING SHEETS Plotted: 5/25/2020 4:24 PM Plot Style: HALF-STB Plotted By: PAUL THOMAS



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THUNDERBIRD ROAD CENTERLINE PROFILE

FOR CONSTRUCTION

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THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
THUNDERBIRD ROAD PLAN AND PROFILE 1 -
STA 0+00 TO 5+00

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Hendrickson, Inc.
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Durango, Colorado 81301
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Fax: (970) 385-4502

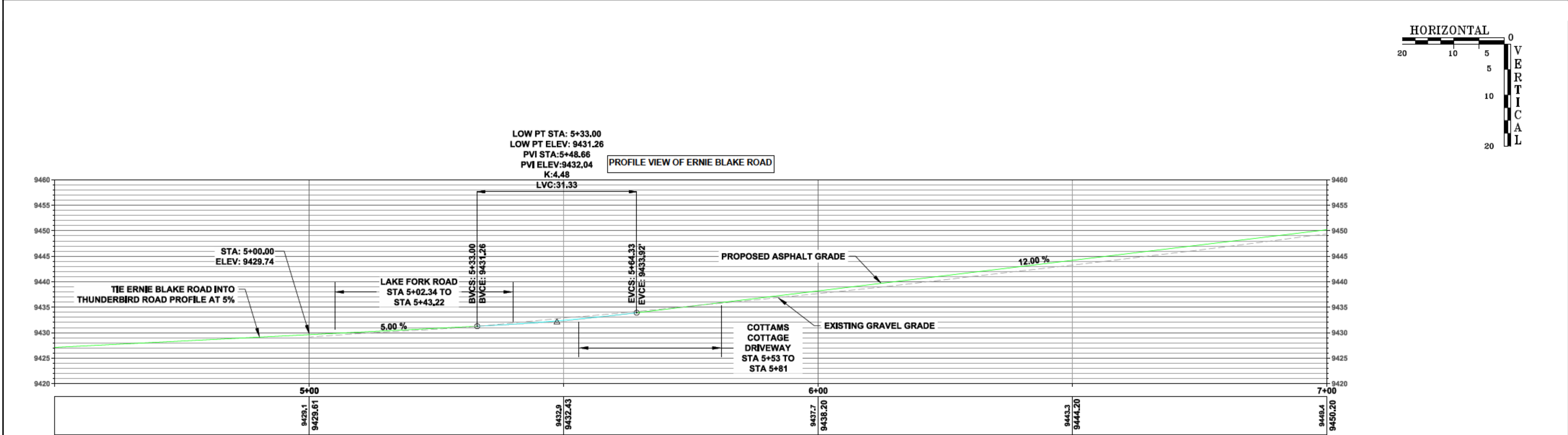
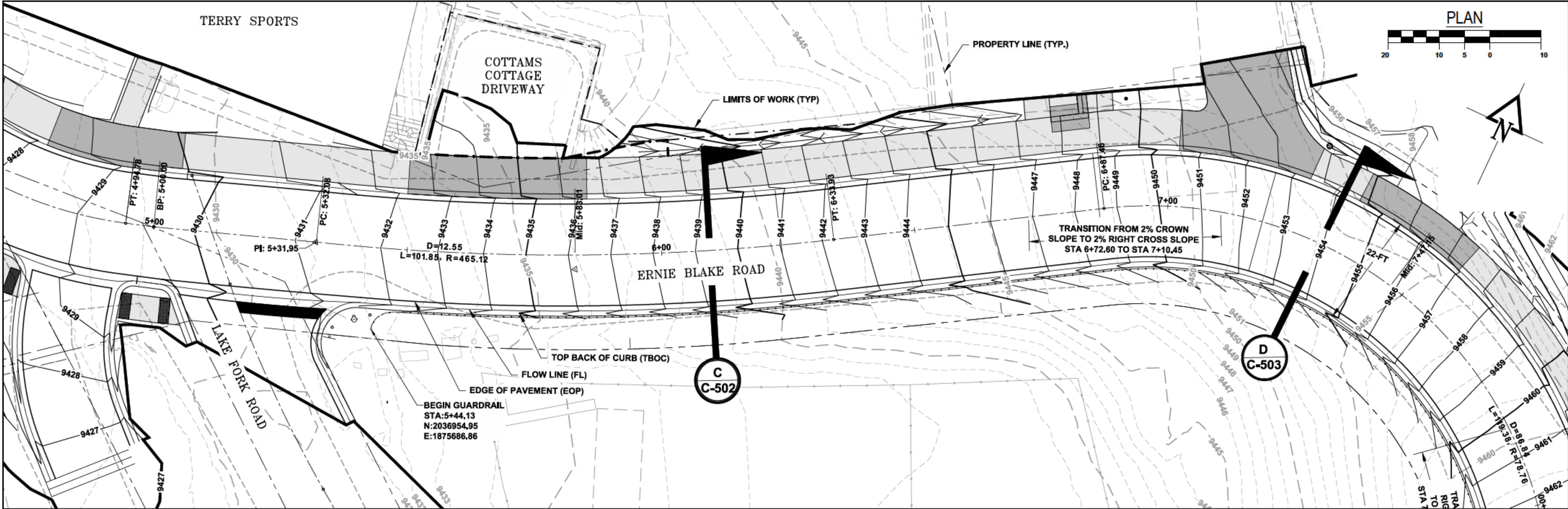


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01/29/2020

22 OF 52

C-201



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TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
ERNIE BLAKE ROAD PLAN AND PROFILE 2 -
STA 5+00 TO 7+00

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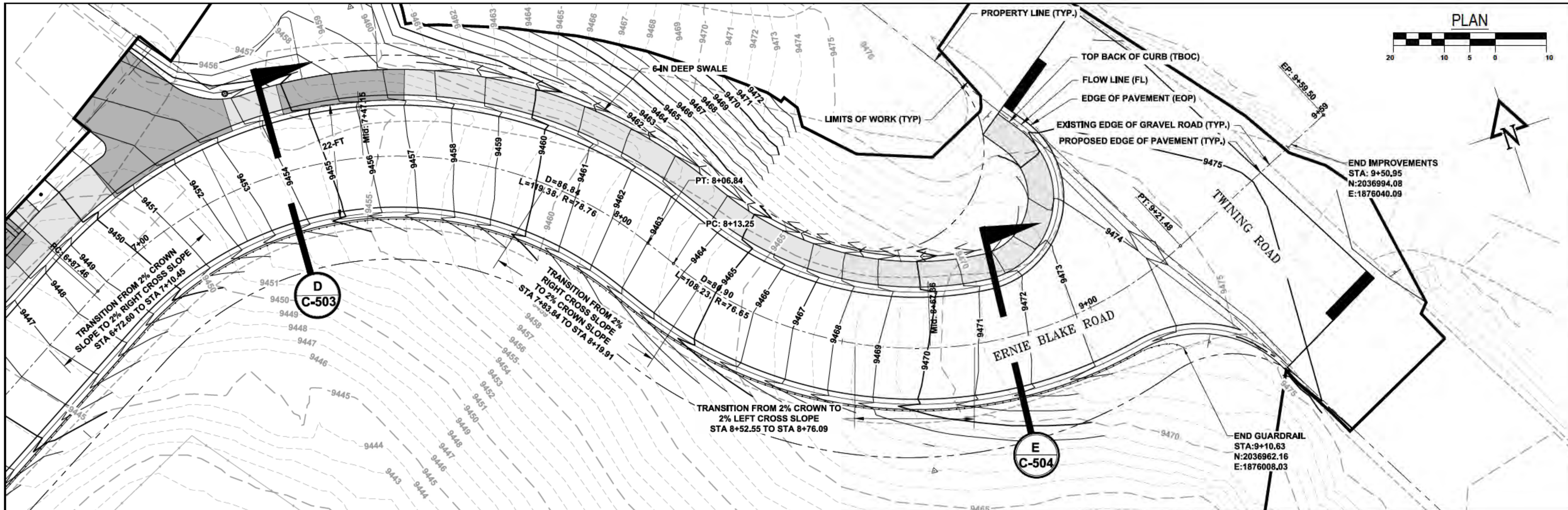


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23 OF 52

C-202



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TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
ERNIE BLAKE ROAD PLAN AND PROFILE 3 -
STA 7+00 TO 9+50

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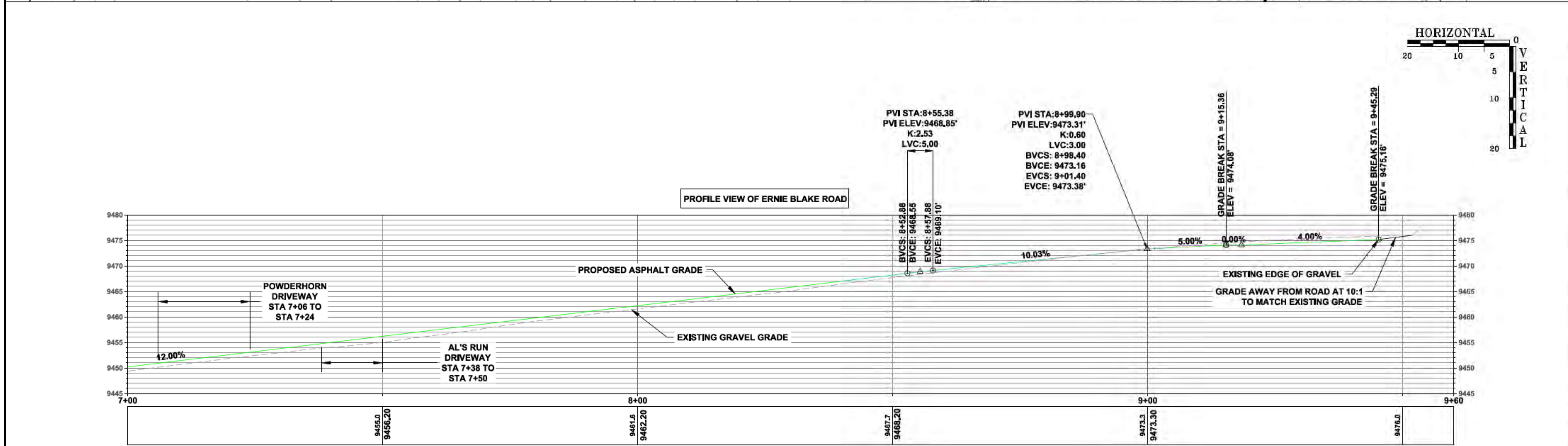
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Date of Submittal
01/29/2020

24 OF 52

C-203

File Name: R:\Current Projects\Land Projects 31TSV - Thunderbird and Ernie Blake\ACAD\Level 3 Production Dwg\EB Road P-Pro Plotted: 1/29/2020 7:55 PM Plot Style: HALF-STB Plotted By: PAUL THOMAS



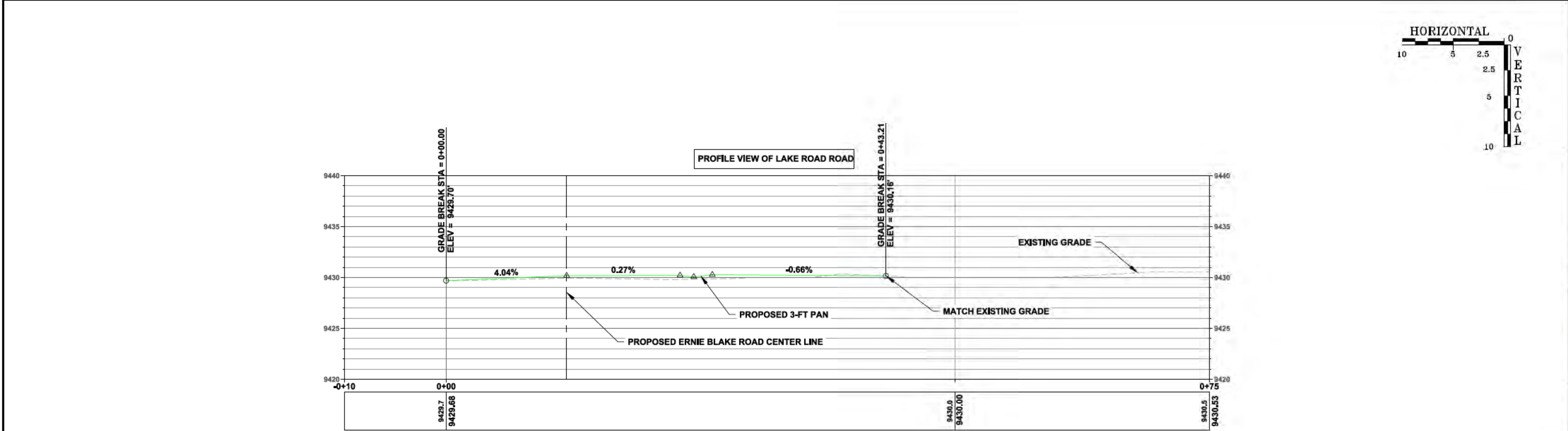
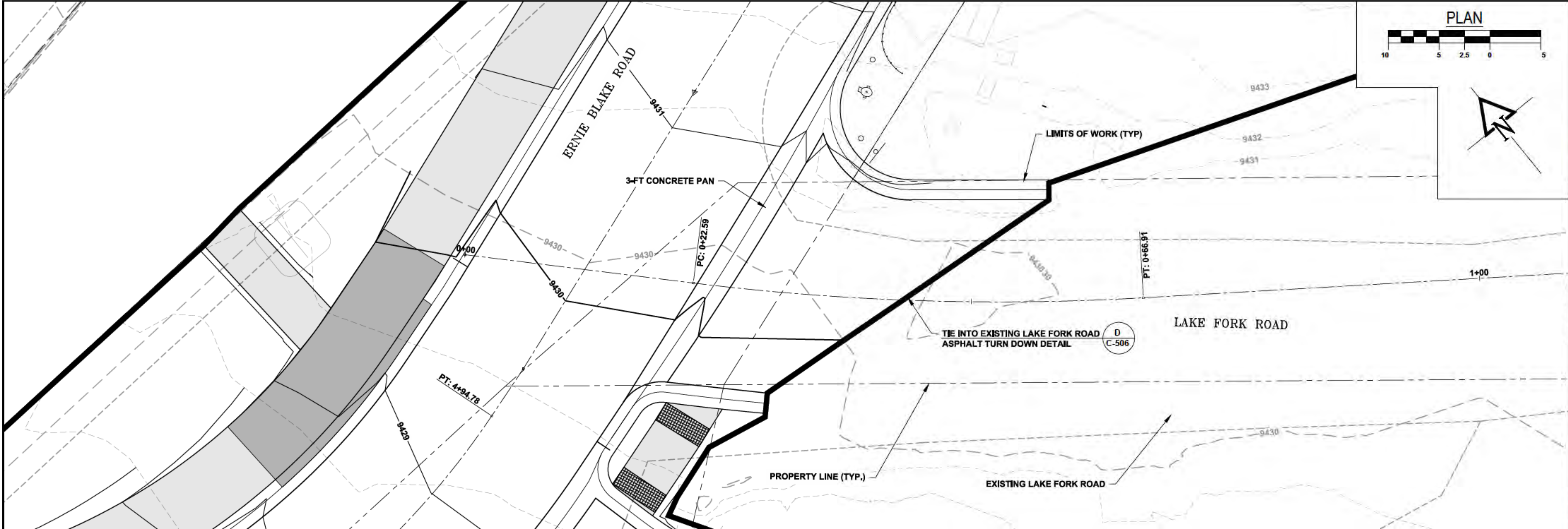
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FOR CONSTRUCTION



REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
ROAD PLAN AND PROFILE 5 - LAKE FORK ROAD

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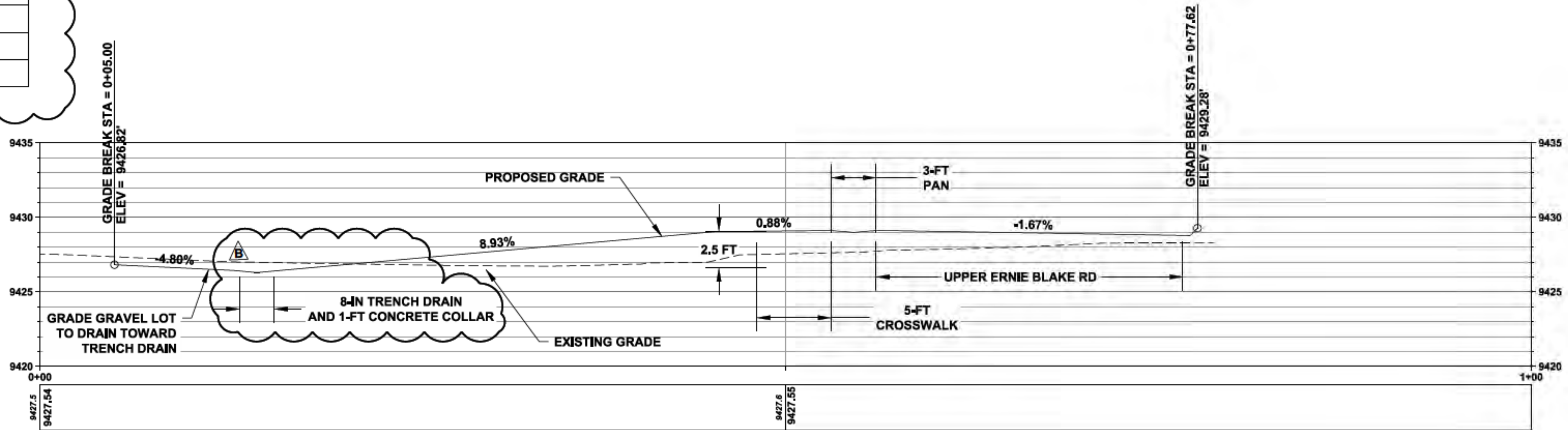
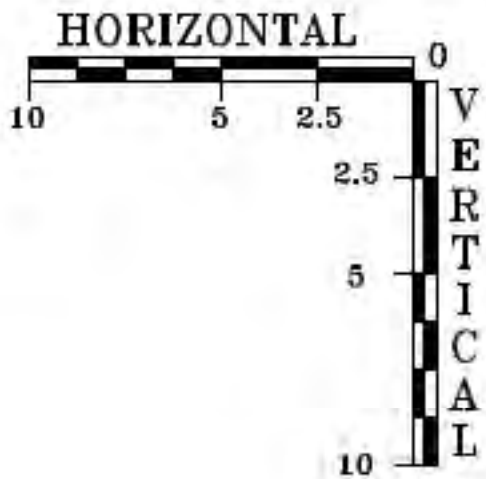
26 OF 52

C-205



- POINT LEGEND:**
- EOP = EDGE OF PAVEMENT
 - RP = RADIUS POINT
 - FL = FLOW LINE
 - TBOC = TOP BACK OF CURB
 - TBOS = TOP BACK OF SIDEWALK
 - PAN = CONCRETE PAN
 - CC = CONCRETE
 - PT = POINT OF TANGENCY
 - PC = POINT OF CURVATURE
 - ME = MATCH EXISTING
 - ASPH = ASPHALT

Point Table				
Point #	Northing	Easting	Elevation	Description
900	2036901.14	1875641.18	9426.50	CC
901	2036899.05	1875643.34	9426.50	CC
902	2036911.66	1875655.50	9426.30	CC
903	2036913.64	1875653.25	9426.30	CC
904	2036912.69	1875654.38	9426.22	FL
905	2036900.10	1875642.25	9426.43	FL



SIERRA DEL SOL DRIVEWAY
CENTERLINE ALIGNMENT PROFILE

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A 05/18/2020 UPDATE GRADING TO
B ACCOMMODATE ADDED TRENCH DRAIN

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
ROAD PLAN AND PROFILE 6 - SIERRA DEL SOL
DRIVEWAY

**Short Elliott
Hendrickson, Inc.**
934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502

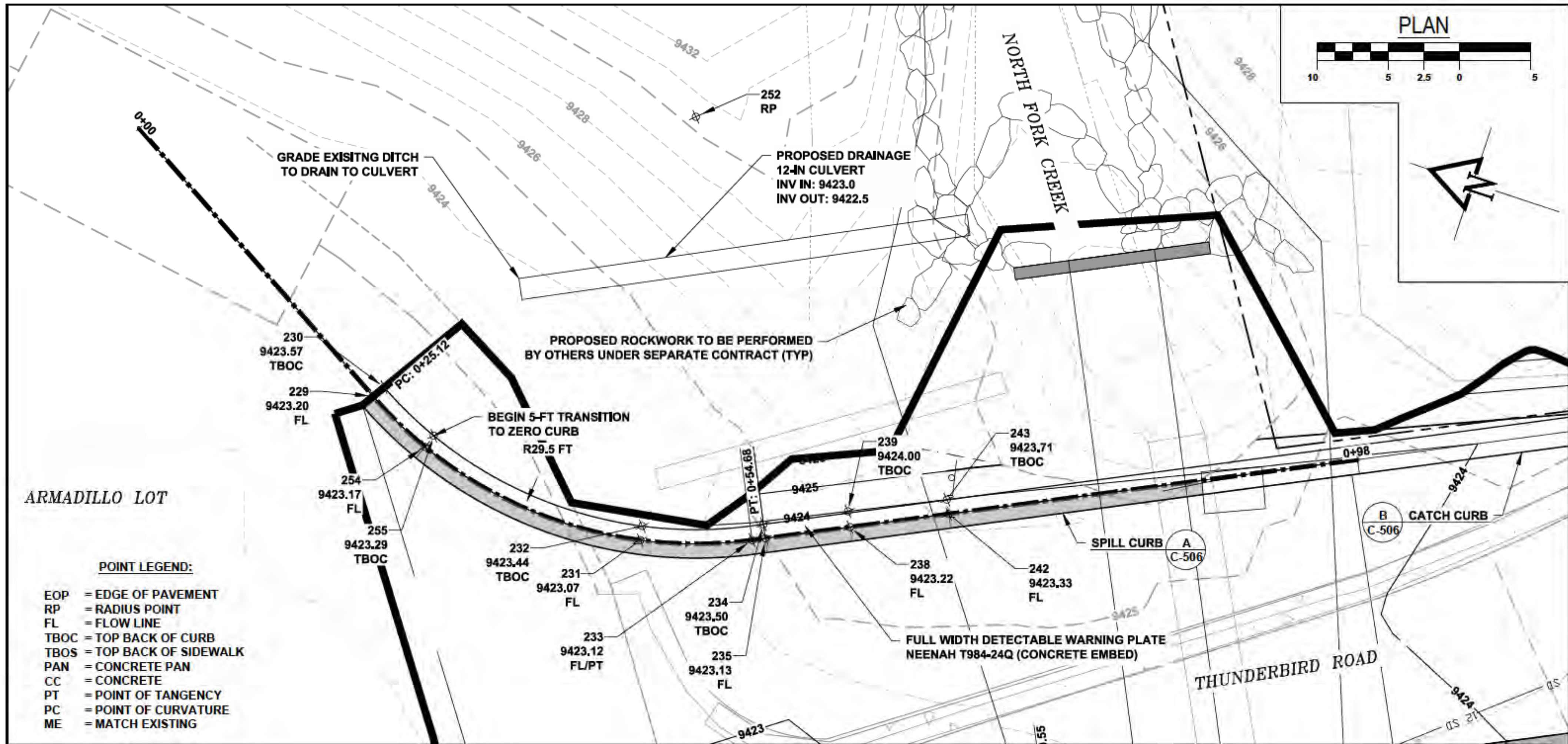


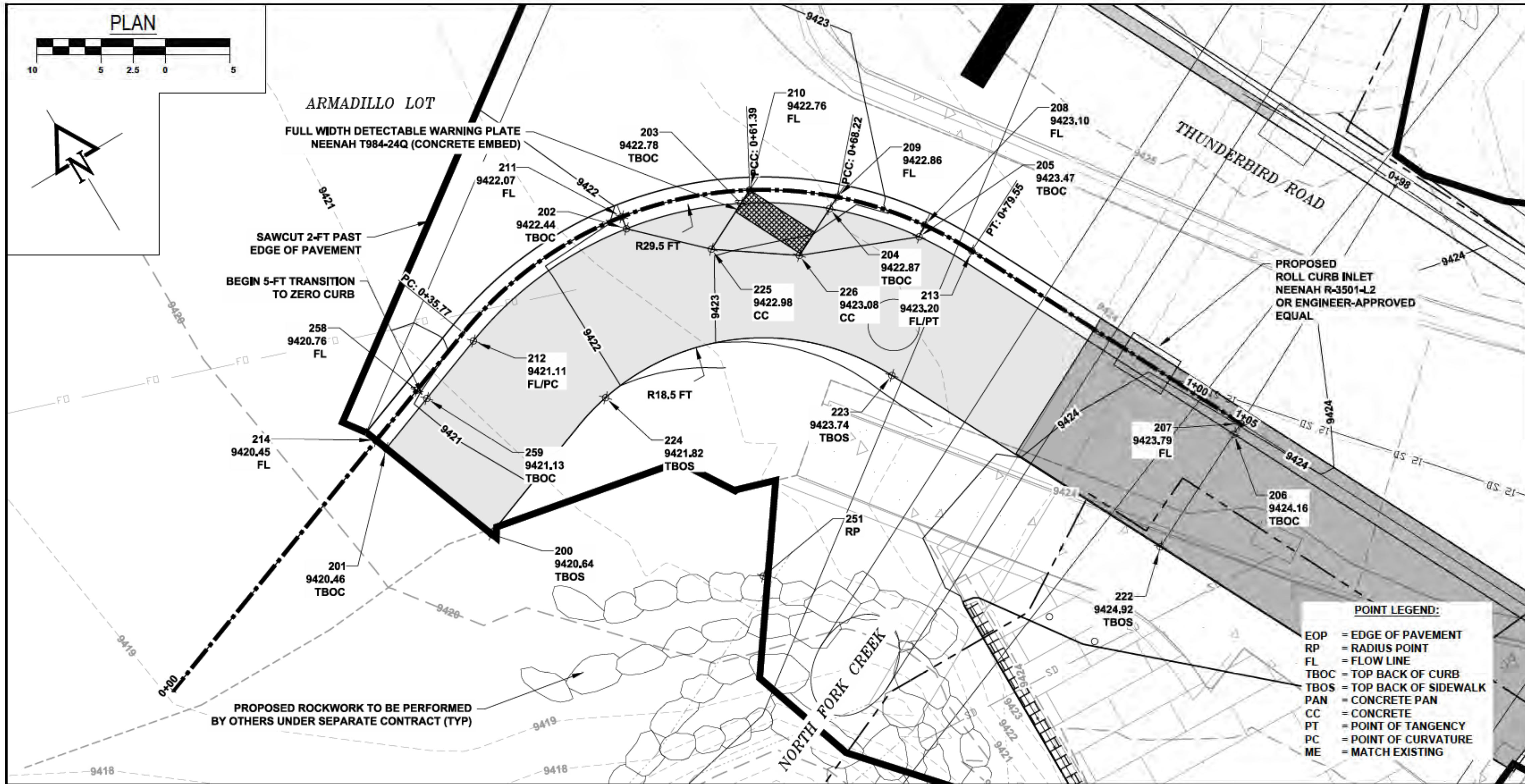
Drawn: MM
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Date of Submittal
01/29/2020

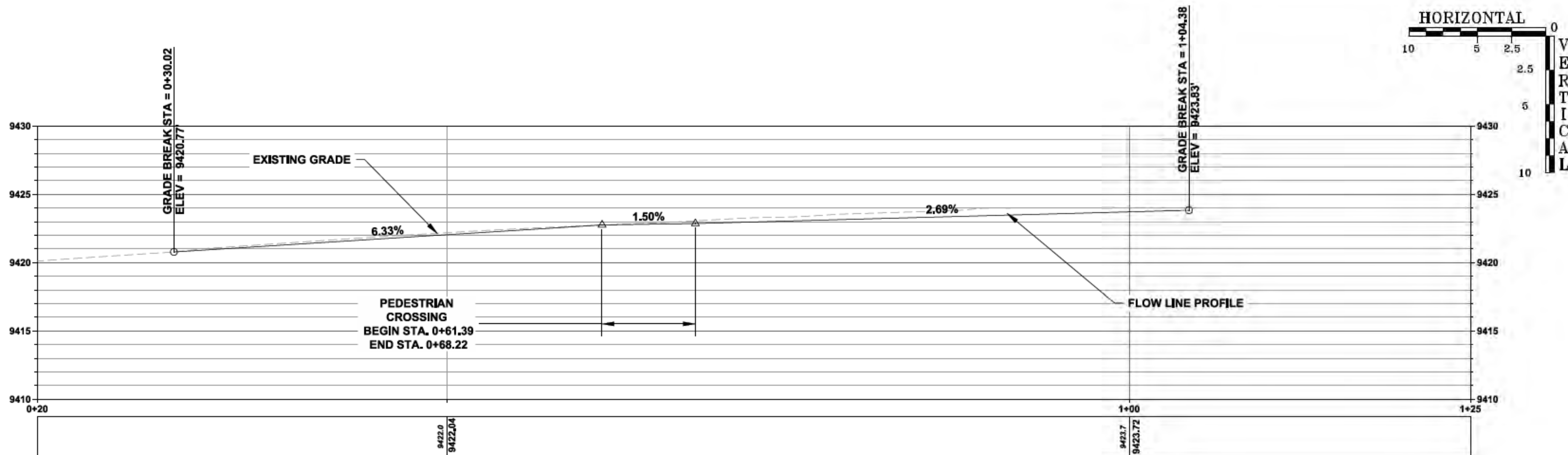
27 OF 52

FOR CONSTRUCTION C-206B





Point Table				
Point #	Northing	Easting	Elevation	Description
200	2037251.69	1875332.34	9420.64	TBOS
201	2037261.45	1875328.46	9420.46	TBOC
202	2037267.26	1875353.10	9422.44	TBOC
203	2037264.64	1875361.83	9422.78	TBOC
204	2037260.93	1875367.63	9422.87	TBOC
205	2037255.62	1875372.64	9423.47	TBOC
206	2037230.32	1875386.51	9424.16	TBOC
207	2037230.79	1875387.39	9423.79	FL
208	2037256.21	1875373.45	9423.10	FL
209	2037261.43	1875368.59	9422.86	FL
210	2037265.21	1875362.91	9422.76	FL
211	2037268.25	1875353.23	9422.07	FL
212	2037265.45	1875338.47	9421.11	FL/PC
213	2037252.67	1875375.68	9423.20	FL/PT
214	2037262.39	1875328.11	9420.45	FL
222	2037225.46	1875377.25	9424.92	TBOS
223	2037247.25	1875365.54	9423.74	TBOS
224	2037256.59	1875345.28	9421.82	TBOS
225	2037262.65	1875358.09	9422.98	CC
226	2037258.90	1875363.81	9423.08	CC
251	2037238.52	1875349.23		RP
258	2037264.25	1875332.77	9420.76	FL
259	2037263.31	1875333.13	9421.13	TBOC



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FOR CONSTRUCTION



REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
THUNDERBIRD ROAD AND ARMADILLO
PARKING LOT FLOWLINE PROFILE 2

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Hendrickson, Inc.

934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502

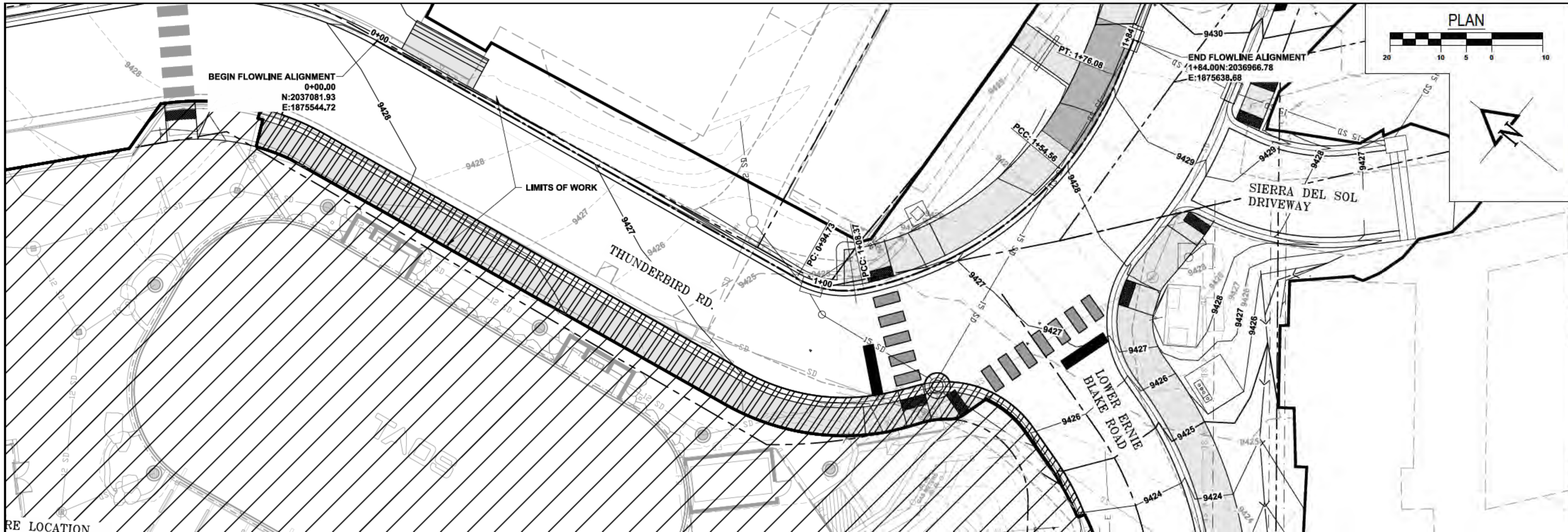


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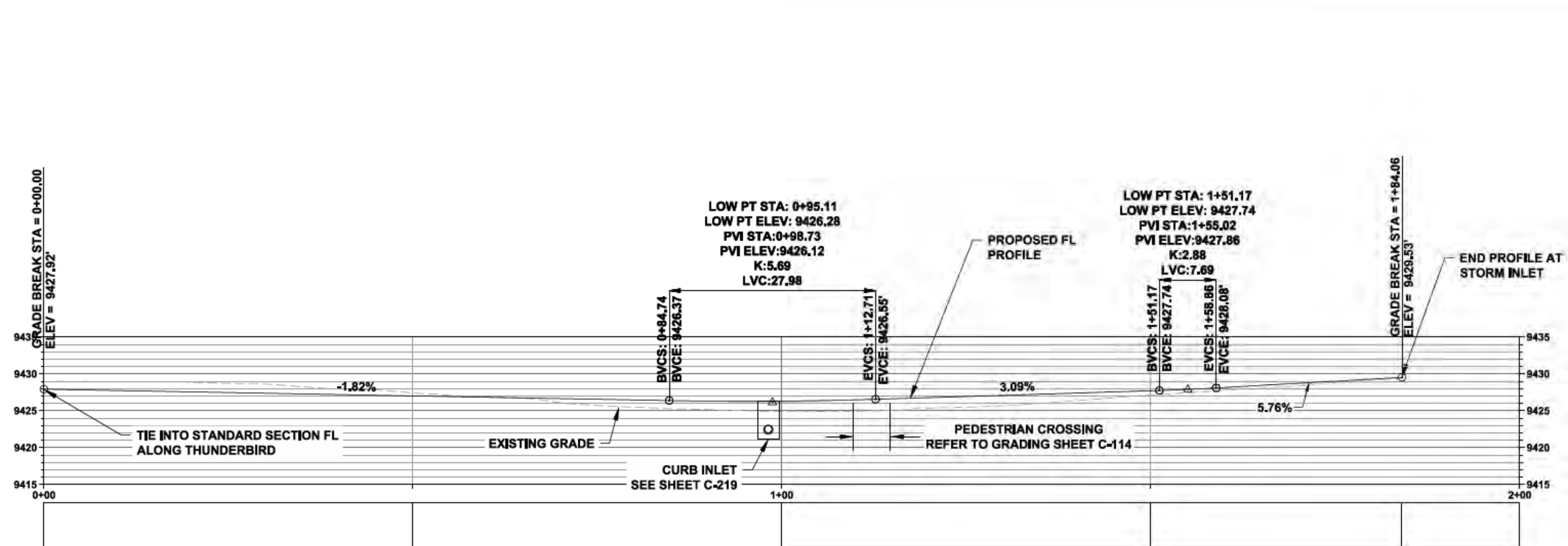
Date of Submittal
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29 OF 52

C-208



RE LOCATION



THUNDERBIRD ROAD
NORTH FLOWLINE PROFILE

NOTE:
ALTHOUGH THE PEDESTRIAN CROSSING IS 5-FT WIDE, THE FLOWLINE PROFILE SHOWS A LENGTH GREATER THAN THIS DUE TO THE FACT THAT THE CROSSING IS ON A CURVE.

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THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
NORTH INTERSECTION FLOWLINE PROFILE

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Durango, Colorado 81301
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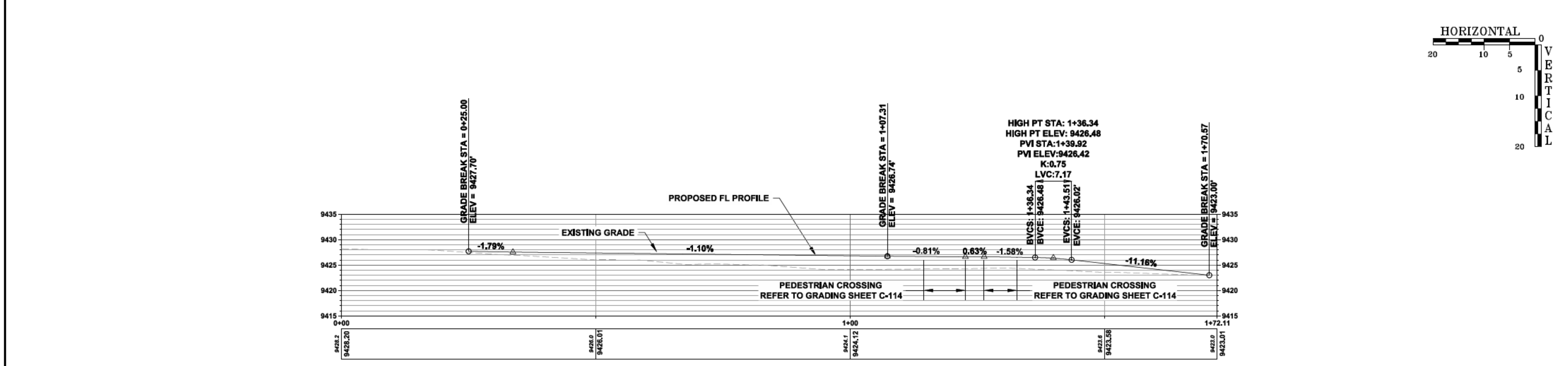
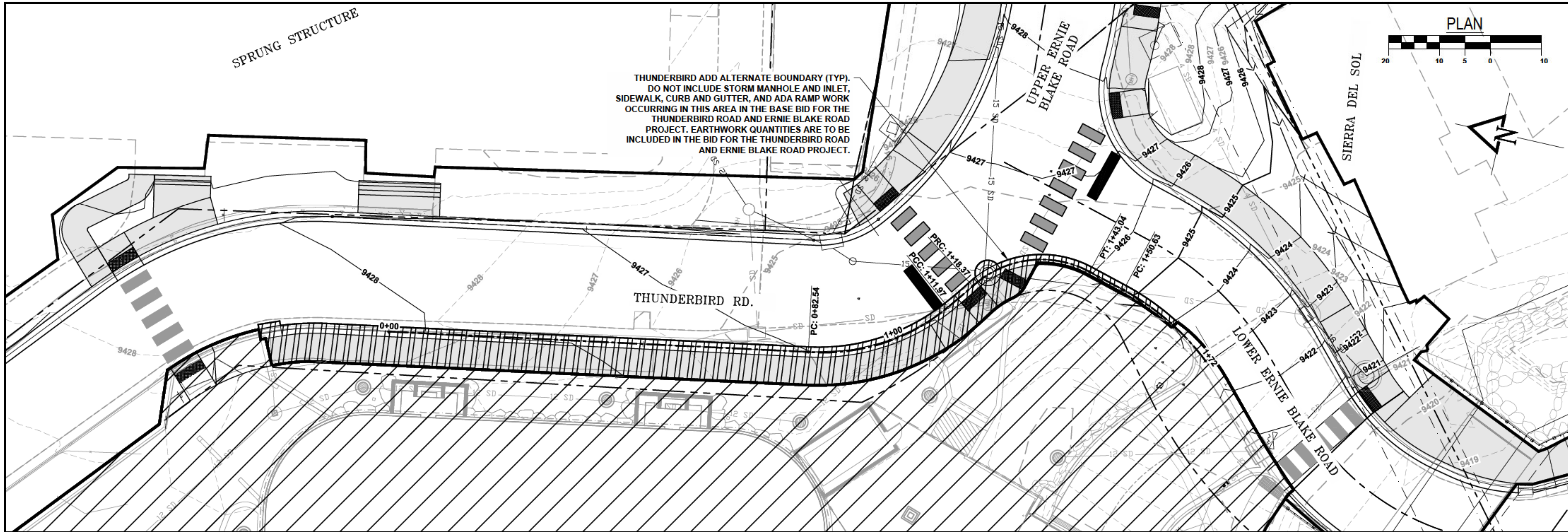


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C-209



NOTE:
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**THUNDERBIRD ROAD
WEST FLOW LINE PROFILE**

FOR CONSTRUCTION

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REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
WEST INTERSECTION FLOWLINE PROFILE

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SEH

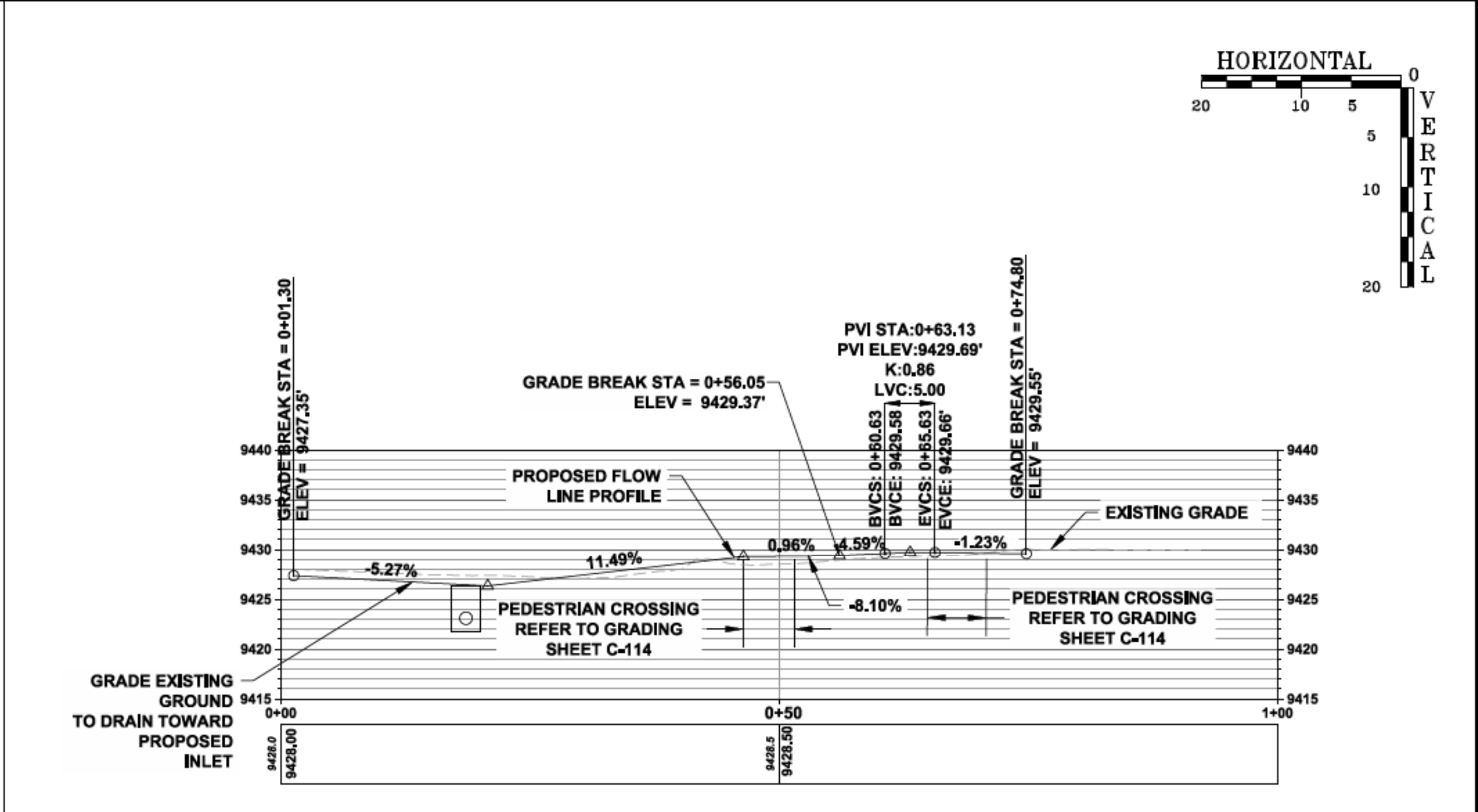
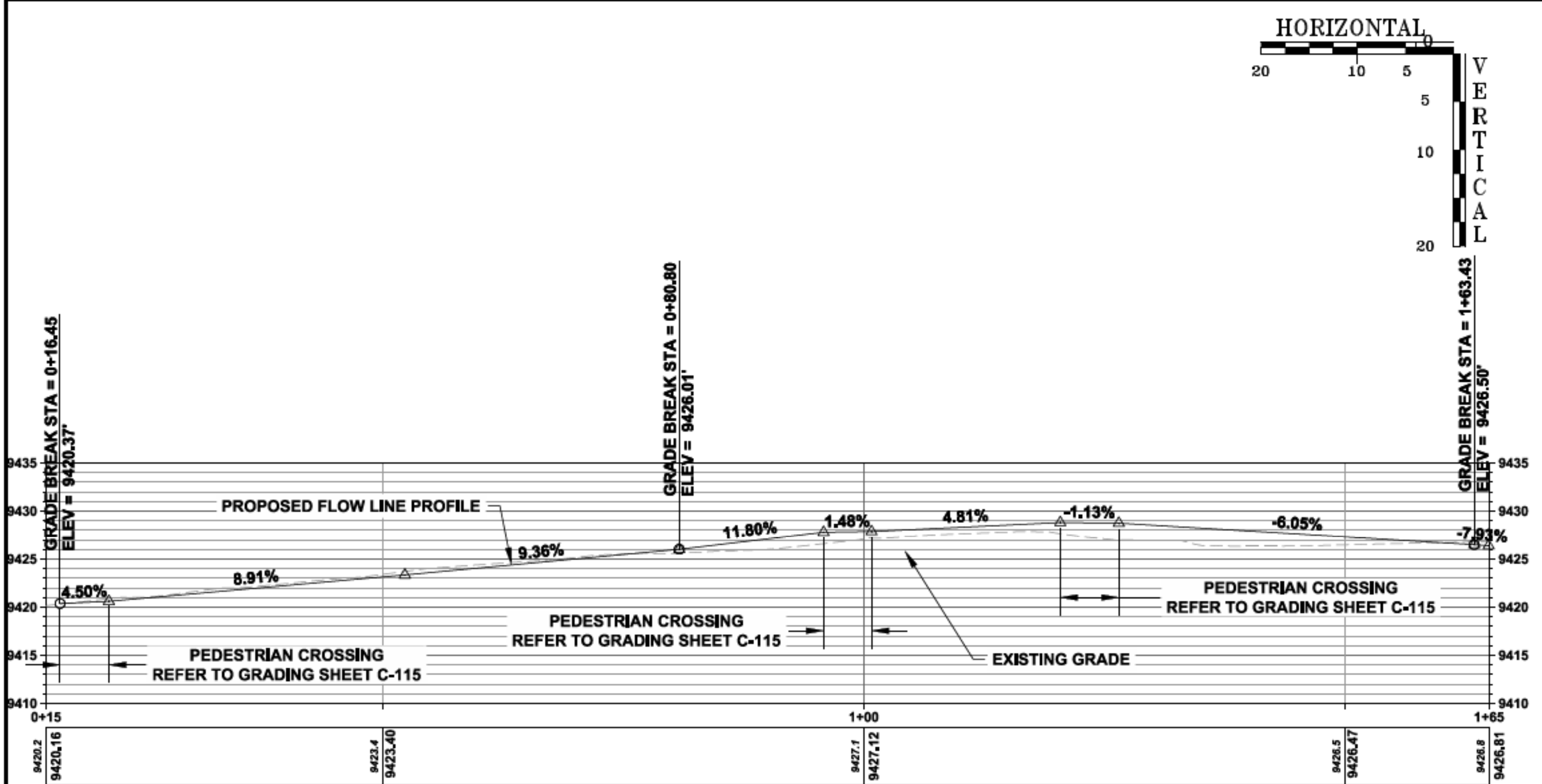
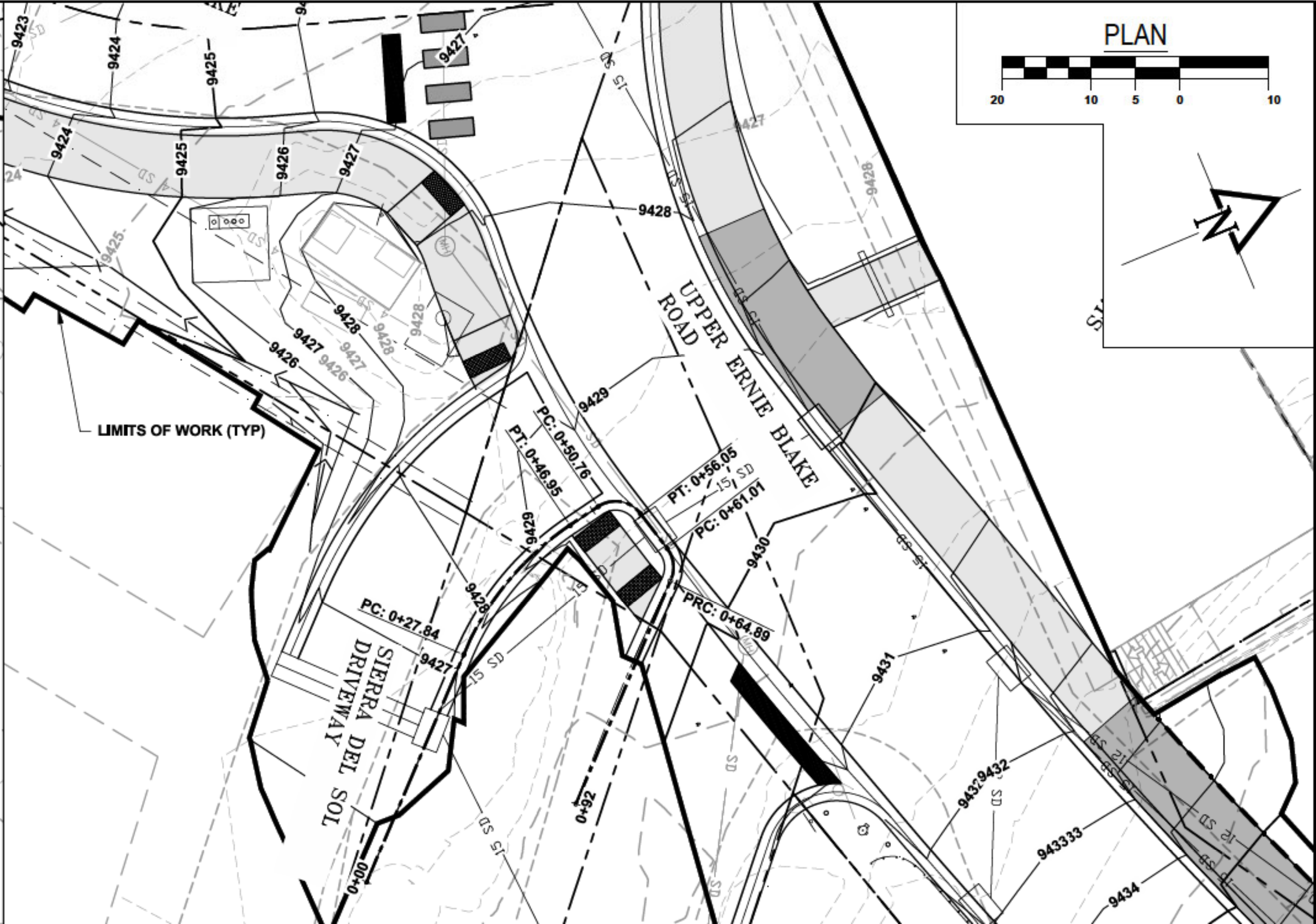
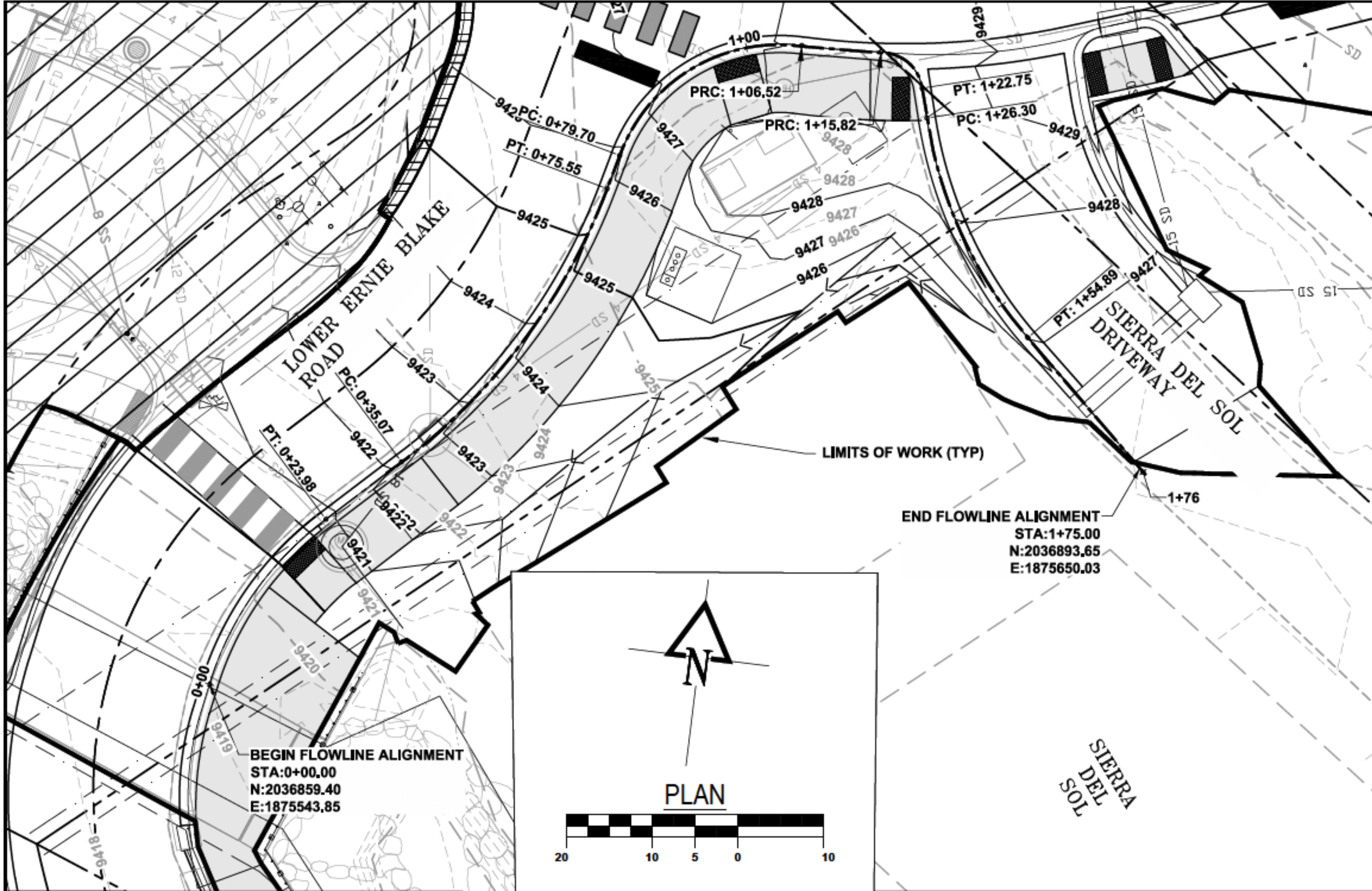
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C-210

File Name: R:\Current Projects\Land Projects 31TSV - Thunderbird and Ernie Blake\ACAD\Level 3 Production Dwg\1TB - CURB RETURN PROFILES Plotted: 1/29/2020 7:59 PM Plot Style: HALF.STB Plotted By: PAUL THOMAS



FLOWLINE PROFILE
LOWER ERNIE BLAKE RD AND SIERRA DEL SOL DRIVEWAY

FLOWLINE PROFILE
SIERRA DEL SOL DRIVEWAY AND UPPER ERNIE BLAKE ROAD

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NOTE:
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WIDE, THE FLOWLINE PROFILE SHOWS A LENGTH
GREATER THAN THIS AS THE CROSSING IS ON A
CURVE.



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REVISIONS:

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THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
EAST INTERSECTION AND SIERRA DEL SOL
FLOWLINE PROFILE

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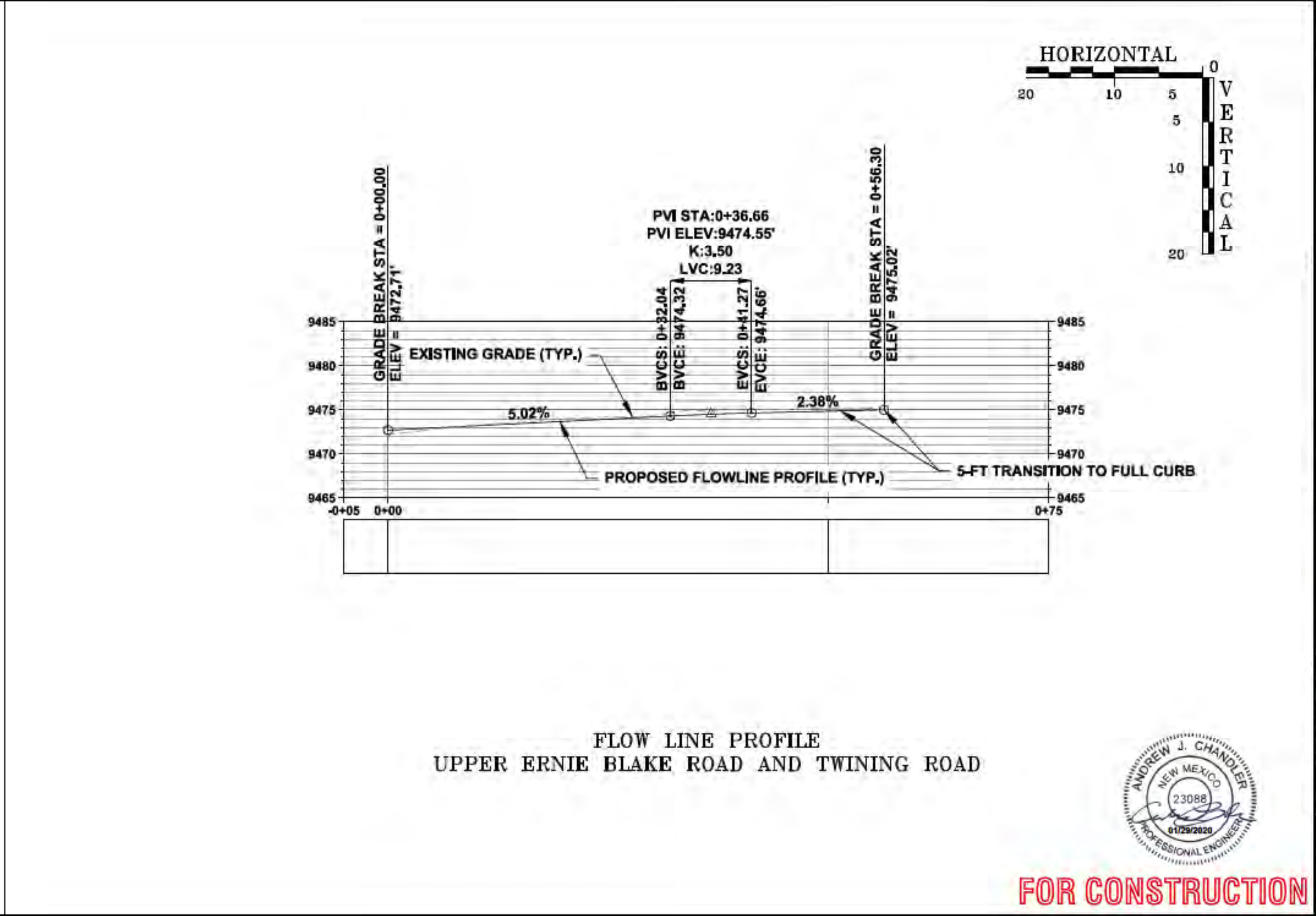
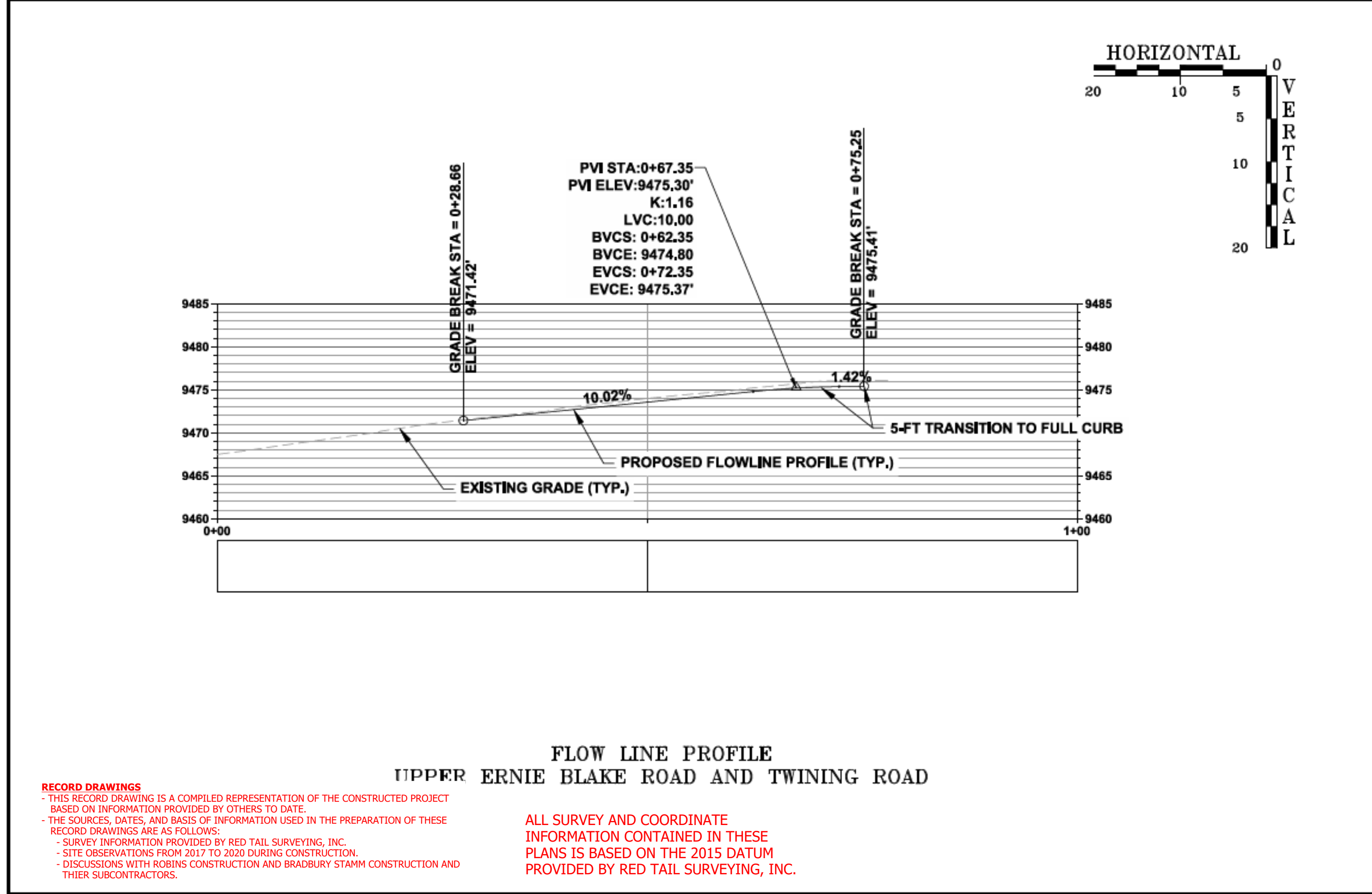
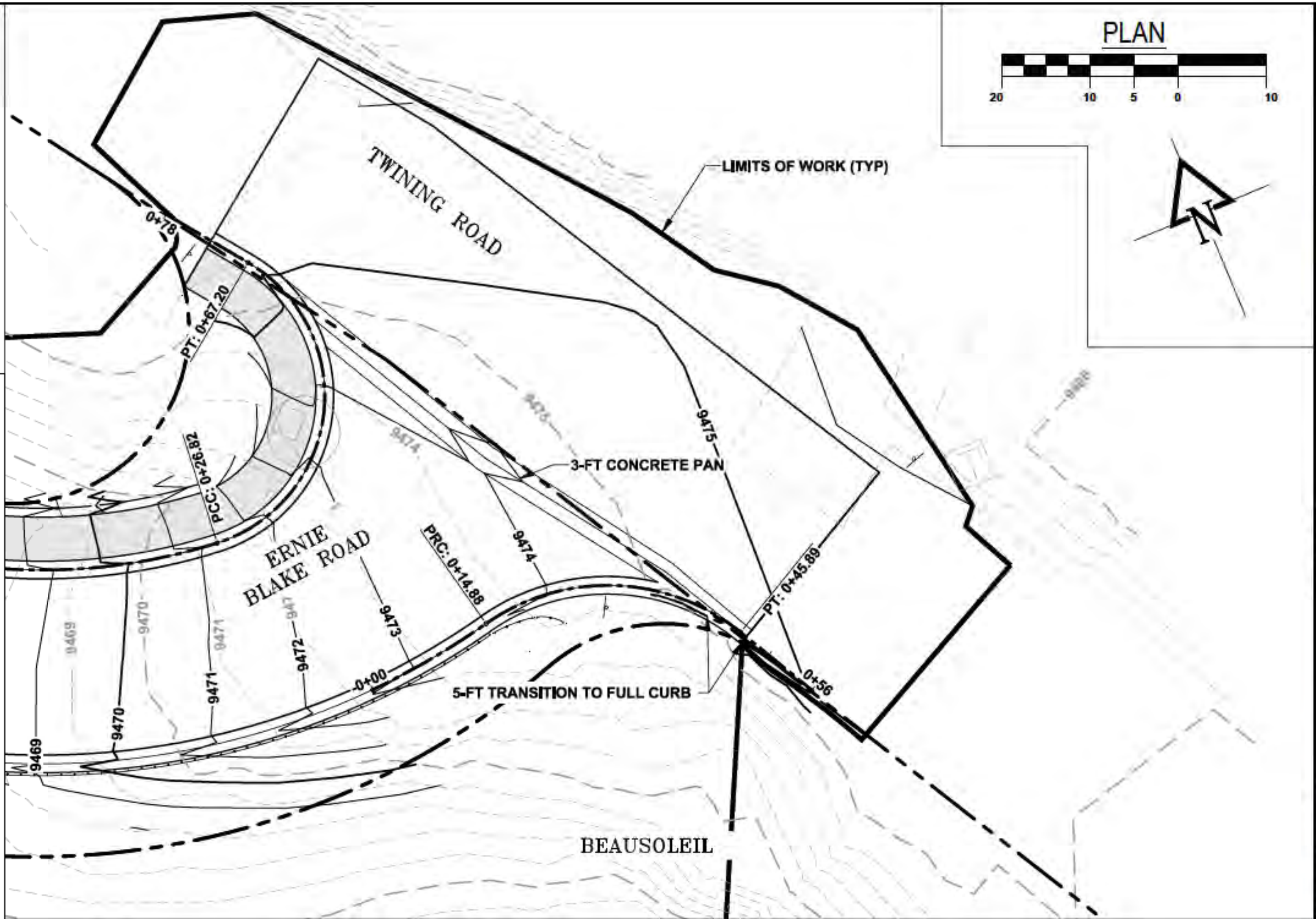
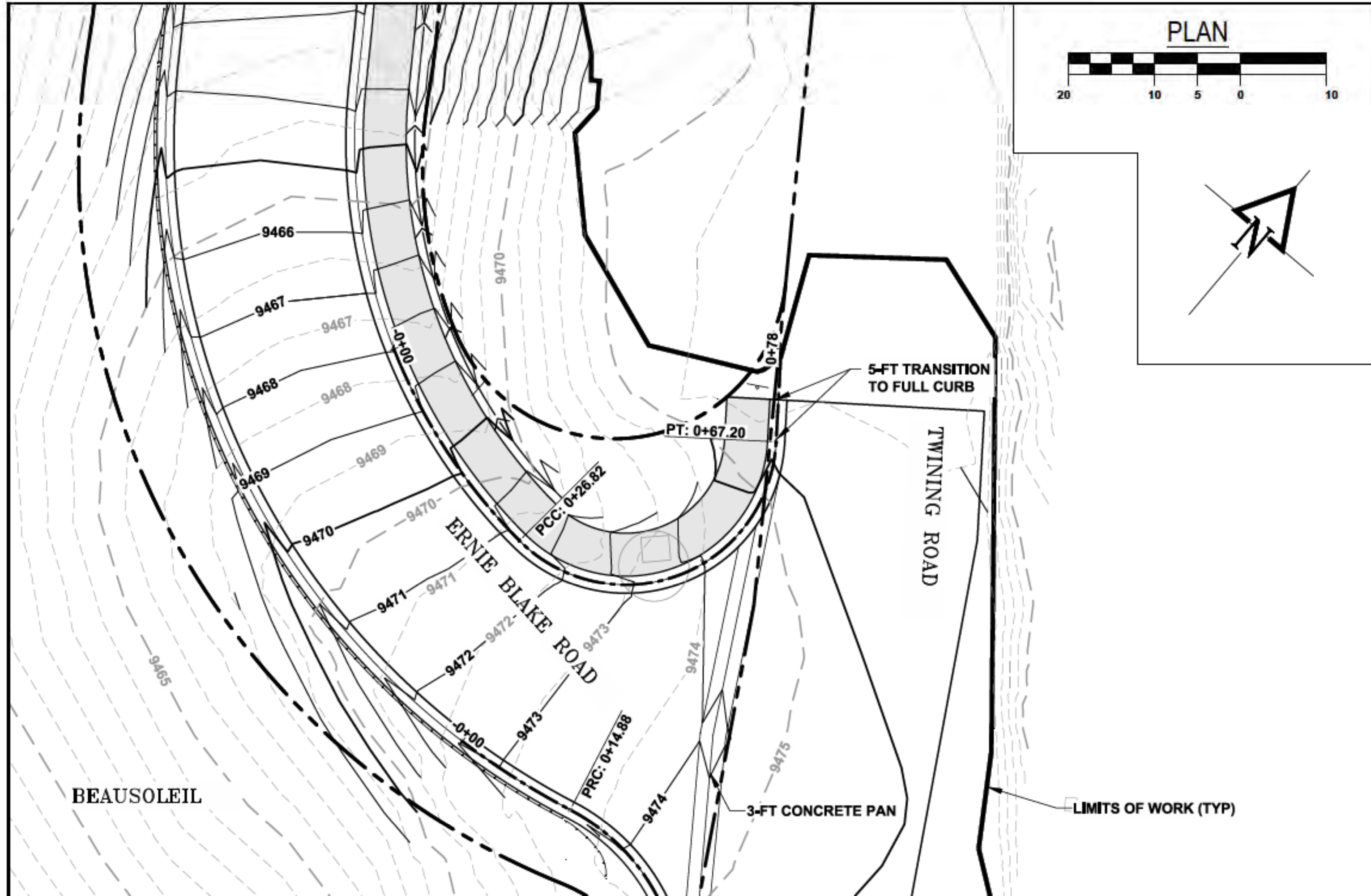
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C-211



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REVISIONS:

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THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
ERNIE BLAKE ROAD AND TWINING ROAD
FLOWLINE PROFILE

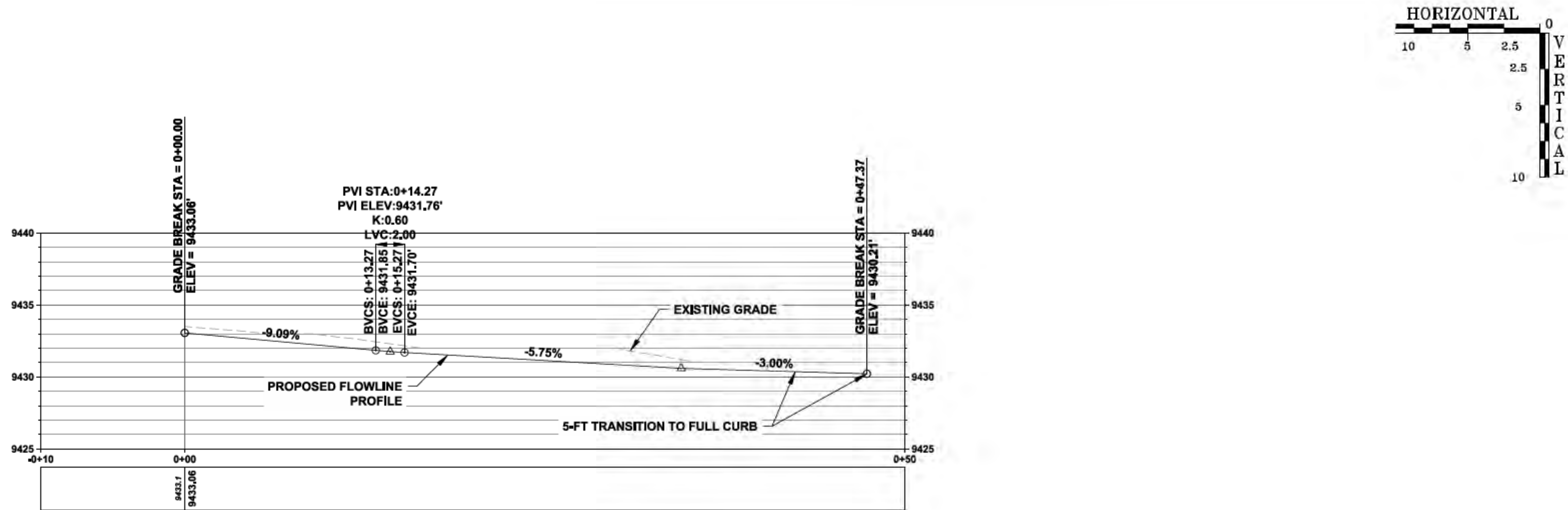
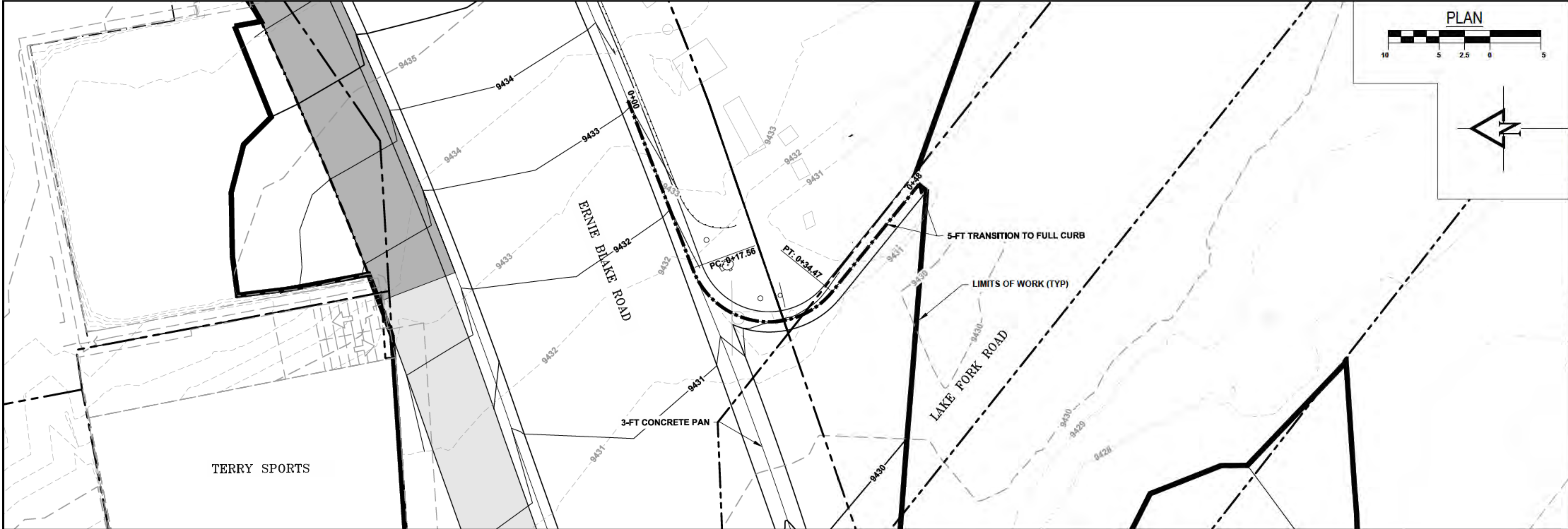
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C-212



FLOW LINE PROFILE
ERNE BLAKE ROAD AND LAKE FORK ROAD

RECORD DRAWINGS
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- DISCUSSIONS WITH ROBINS CONSTRUCTION AND BRADBURY STAMM CONSTRUCTION AND THEIR SUBCONTRACTORS.

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FOR CONSTRUCTION

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REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNE BLAKE ROAD
ERNE BLAKE ROAD AND LAKE FORK ROAD
FLOWLINE PROFILE

**Short Elliott
Hendrickson, Inc.**
934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502

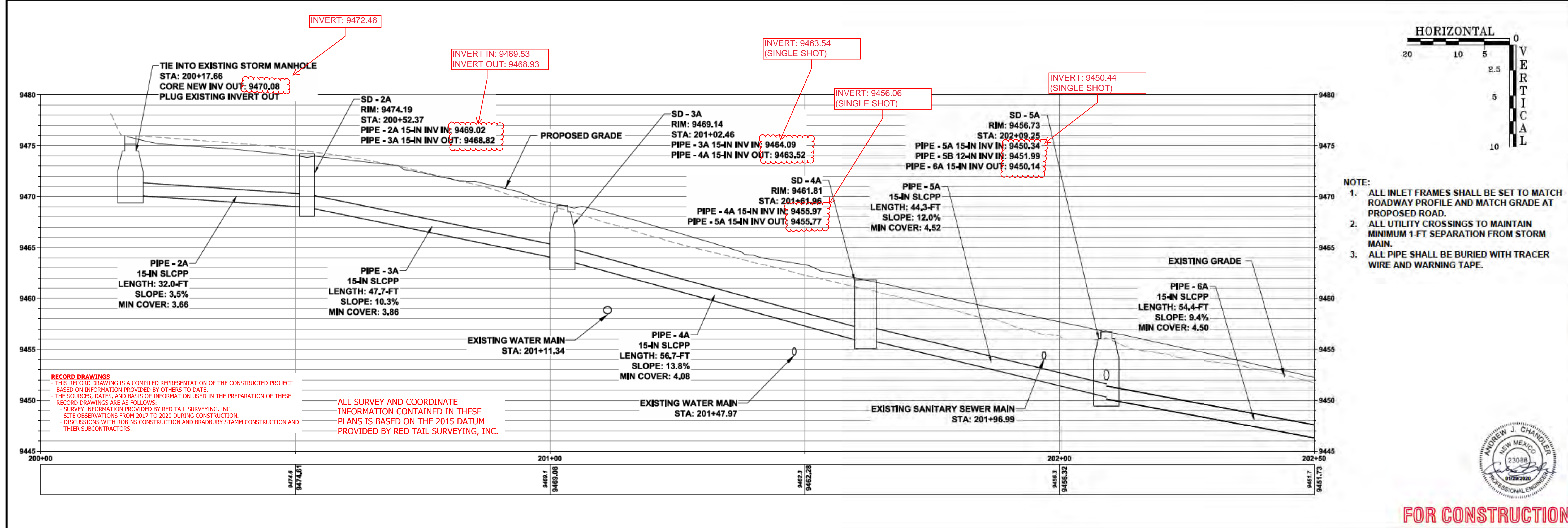
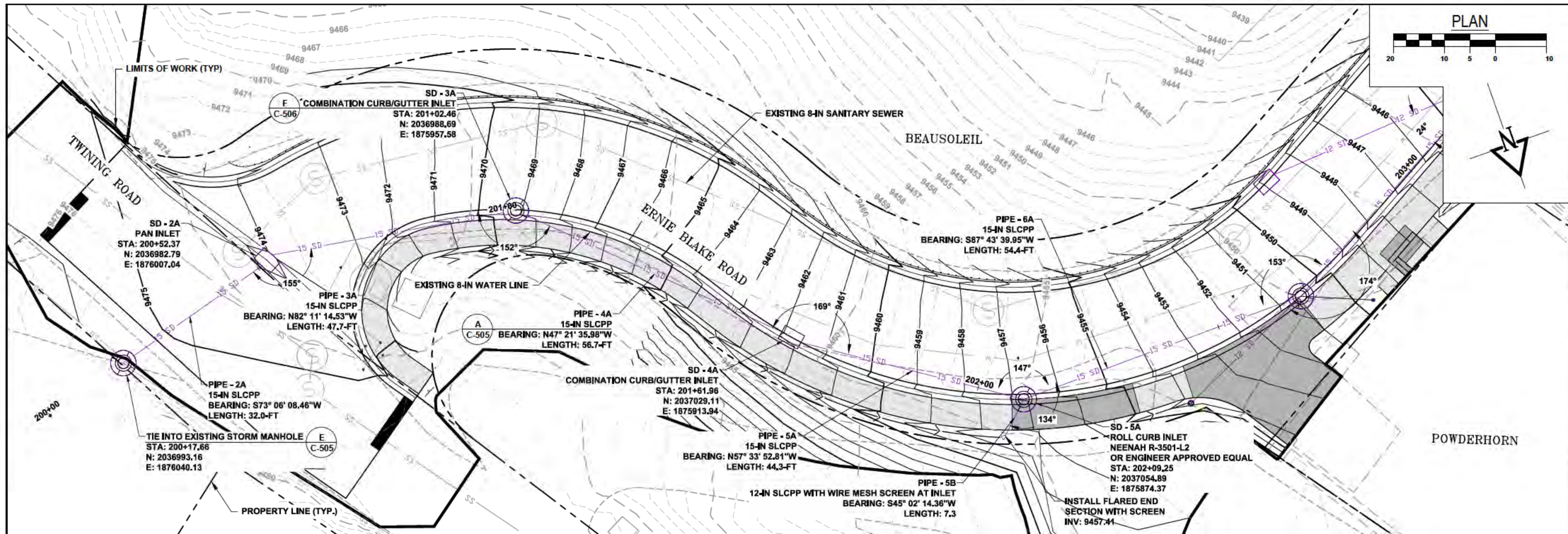


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01/29/2020

34 OF 52

C-213



RECORD DRAWINGS
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- NOTE:**
1. ALL INLET FRAMES SHALL BE SET TO MATCH ROADWAY PROFILE AND MATCH GRADE AT PROPOSED ROAD.
 2. ALL UTILITY CROSSINGS TO MAINTAIN MINIMUM 1-FT SEPARATION FROM STORM MAIN.
 3. ALL PIPE SHALL BE BURIED WITH TRACER WIRE AND WARNING TAPE.



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REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
ERNIE BLAKE ROAD - STORM DRAIN PLAN AND
PROFILE 1

**Short Elliott
Hendrickson, Inc.**
934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502

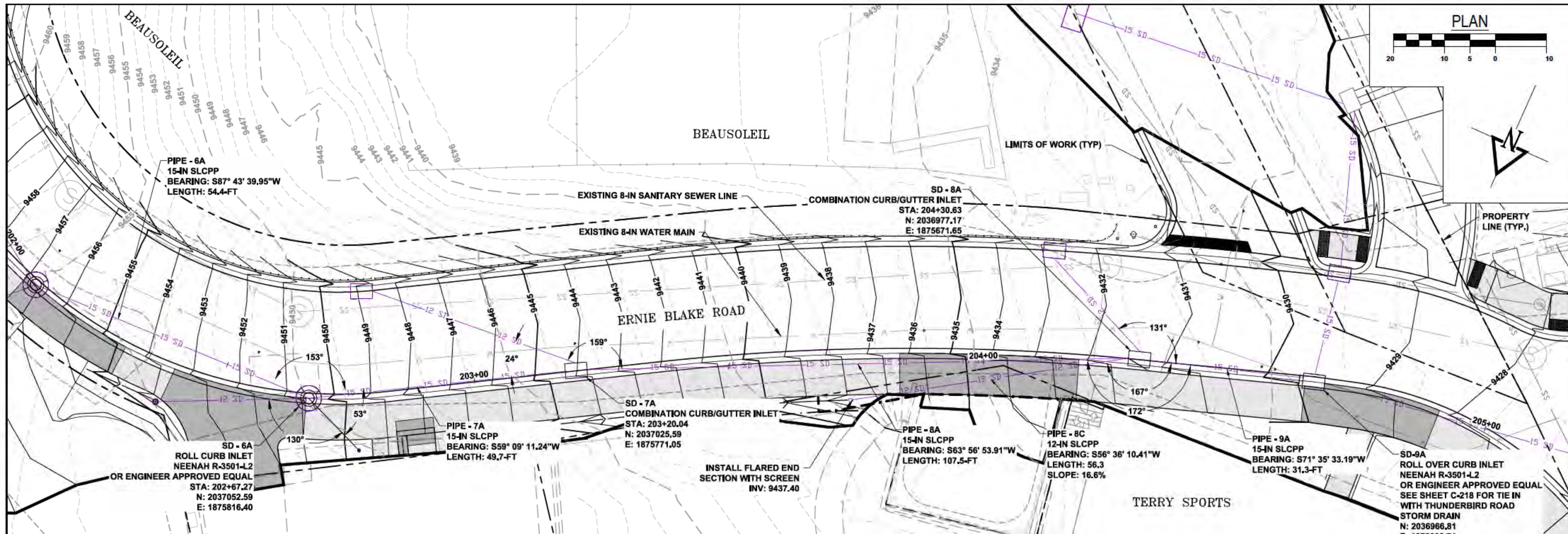


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35 OF 52

C-214



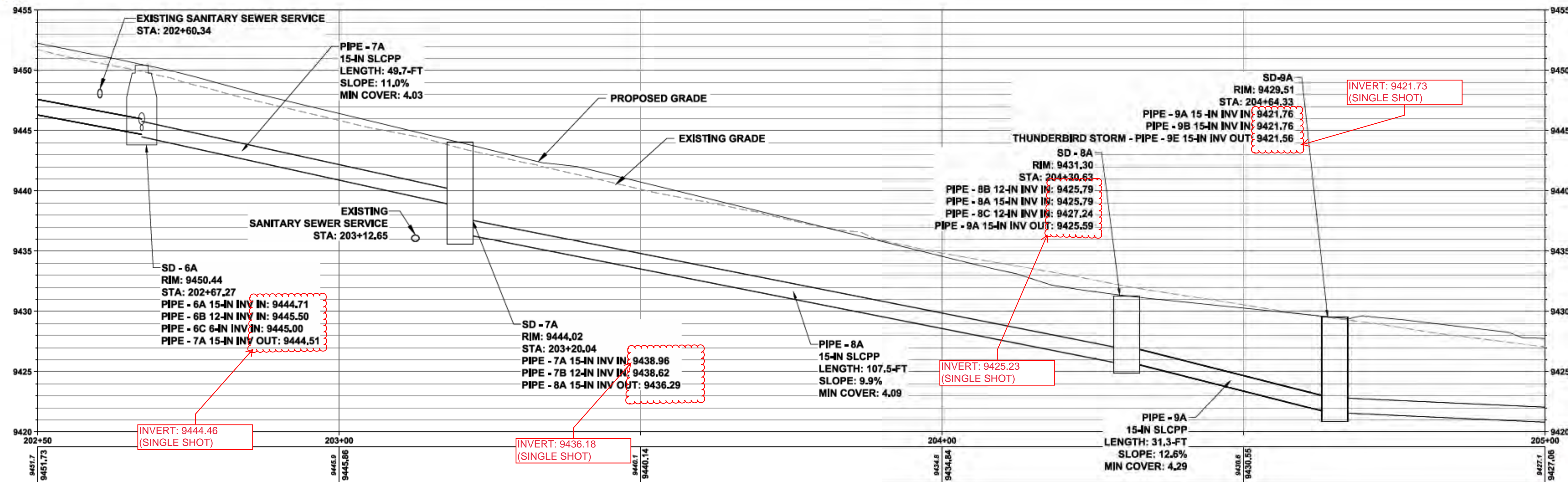
NOTE:

1. ALL INLET FRAMES SHALL BE SET TO MATCH ROADWAY PROFILE AND MATCH GRADE AT PROPOSED ROAD.
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REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
ERNIE BLAKE ROAD - STORM DRAIN PLAN AND
PROFILE 2

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Hendrickson, Inc.
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Durango, Colorado 81301
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Fax: (970) 385-4502

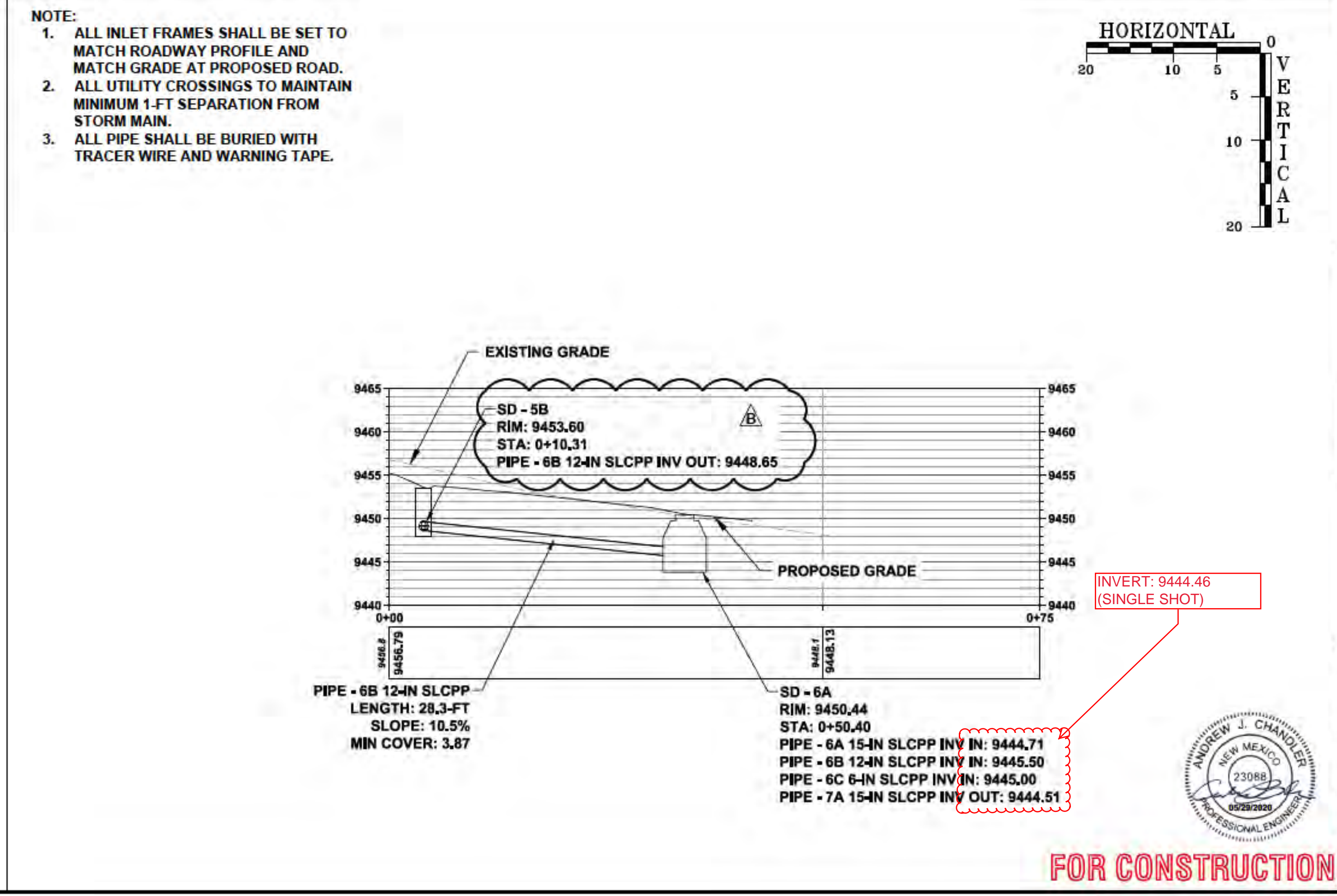
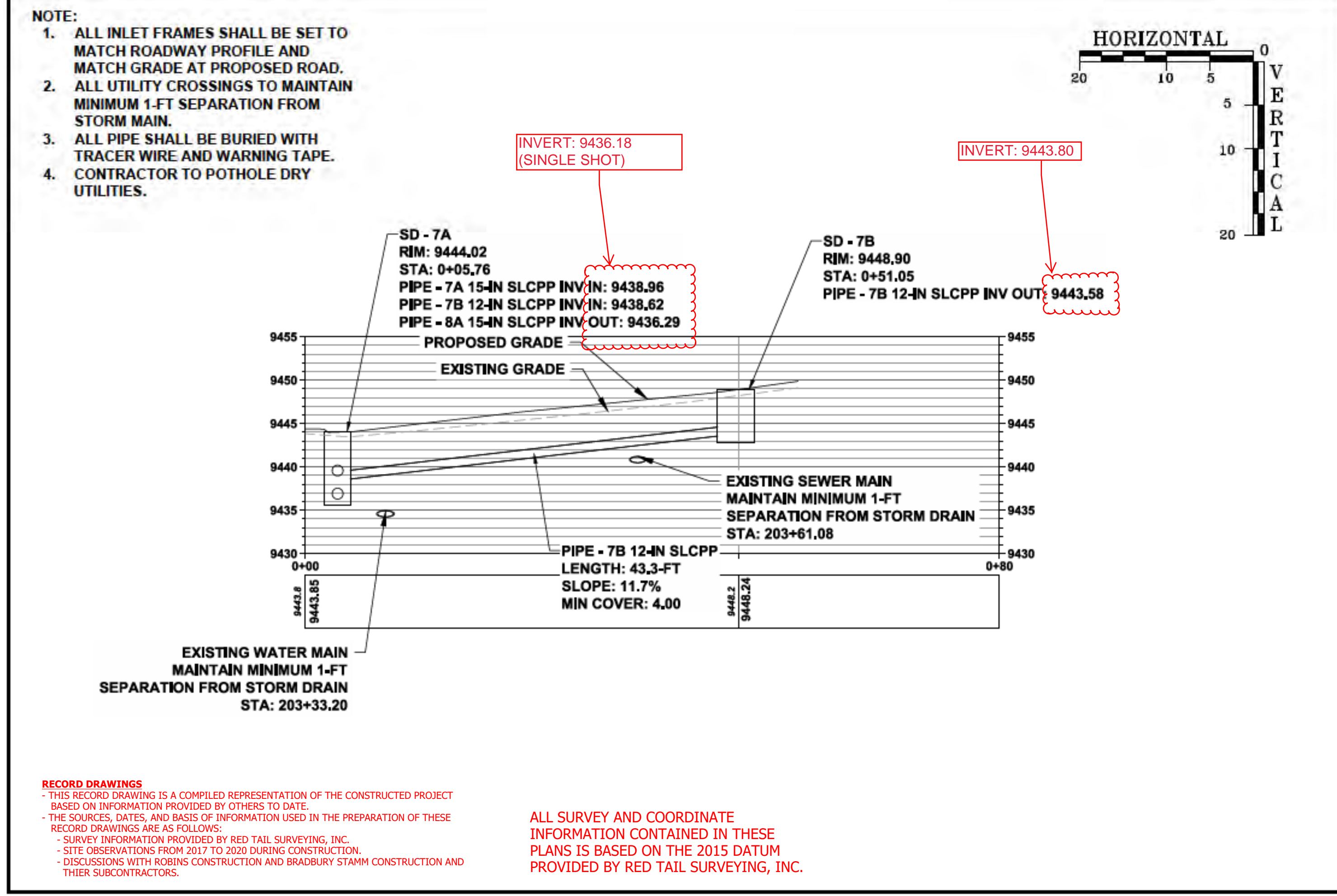
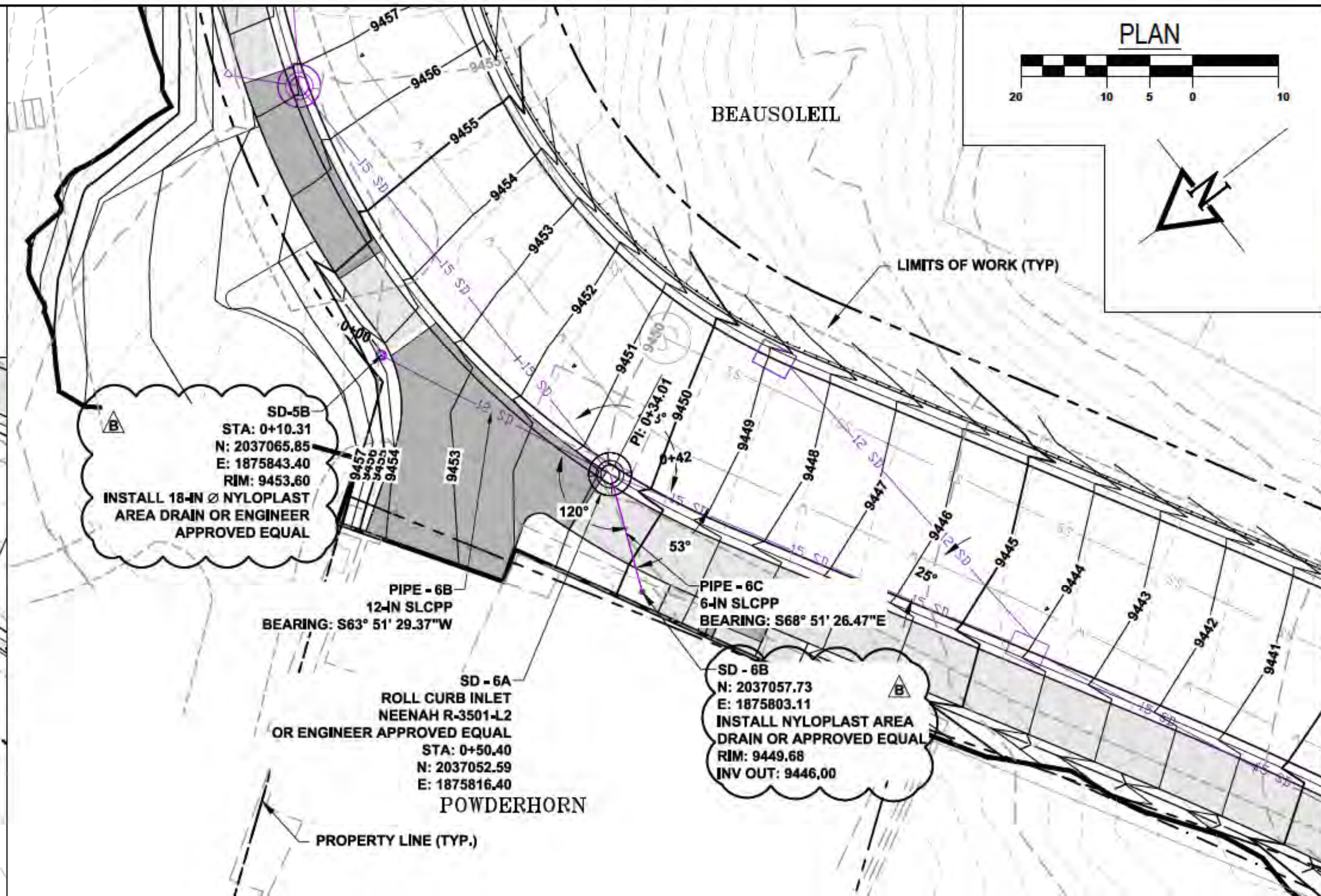
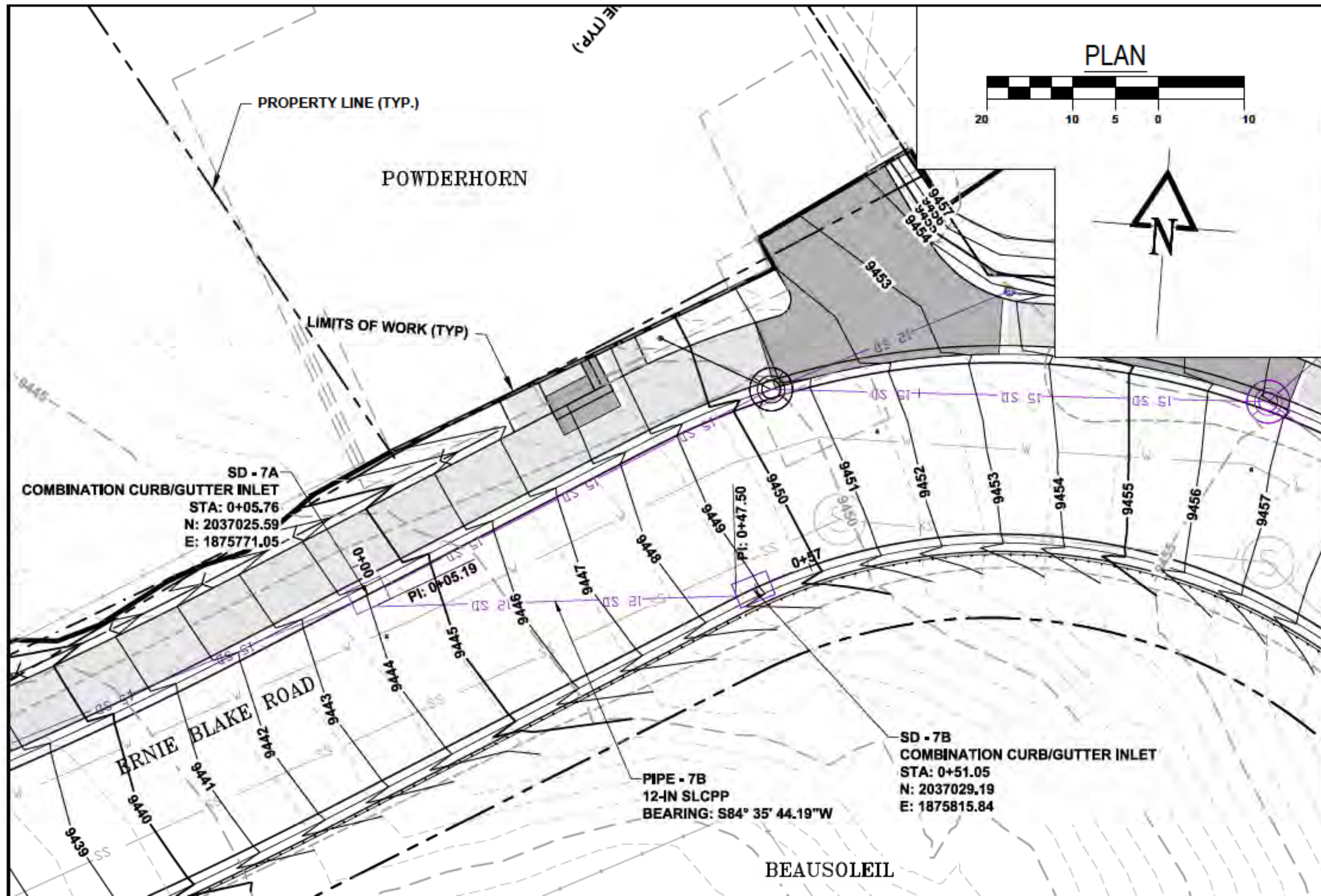
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Date of Submittal
01/29/2020

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C-215



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811

REVISIONS:

TAOS SKI VALLEY THUNDERBIRD ROAD AND ERNIE BLAKE ROAD - STORM DRAIN PLAN AND PROFILE 3

Short Elliott Hendrickson, Inc.

934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502

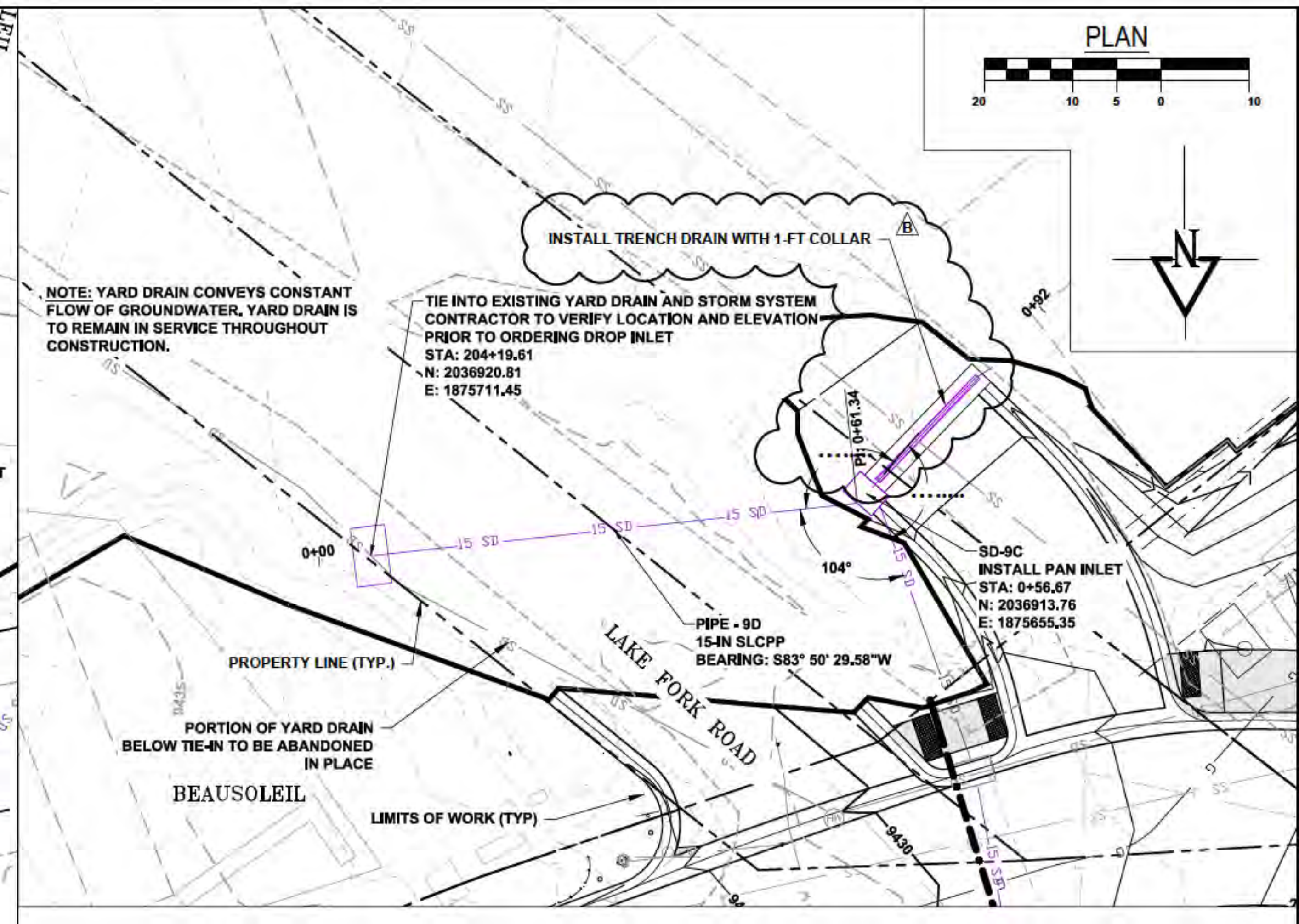
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01/29/2020

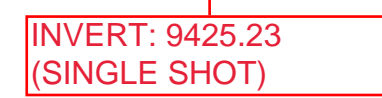
37 OF 52

C-216B

File Name: R:\Current Projects\Land Projects 317SV - Thunderbird and Ernie Blake\ACAD\Level 3 Production Dwg\LEB - STORM LATERALS P-PRO Plotted: 5/28/2020 9:38 AM Plot Style: HALF.STB Plotted By: PAUL THOMAS



-



-
- VERT: 9422.31 (gle shot)

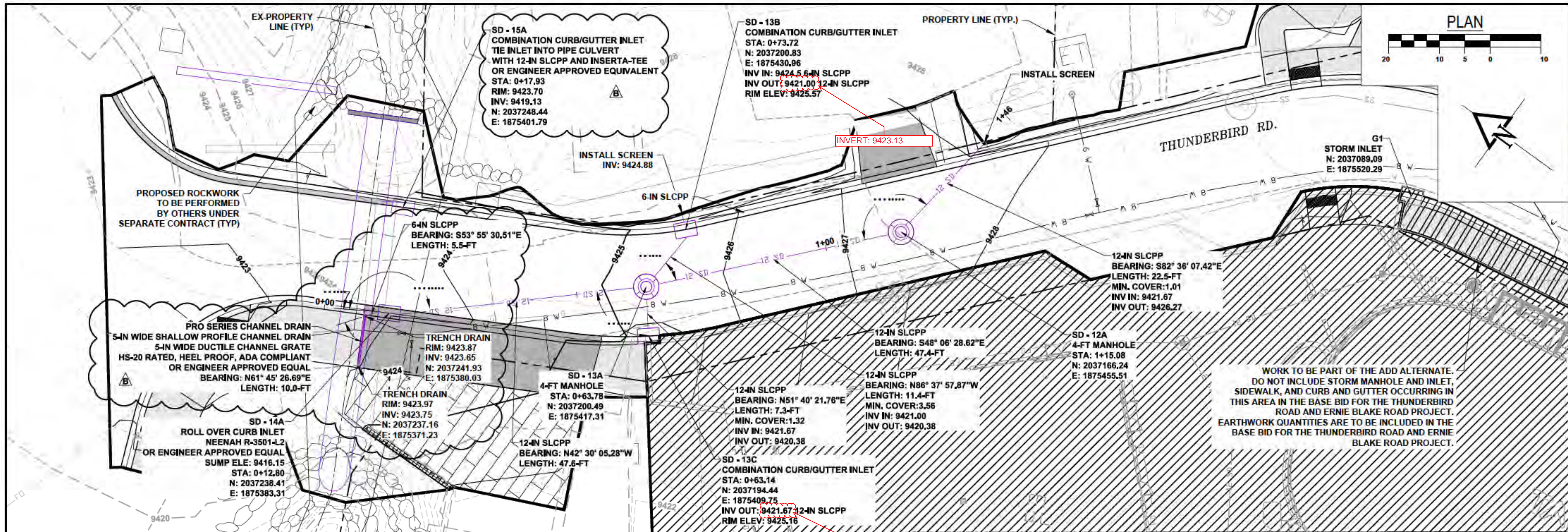


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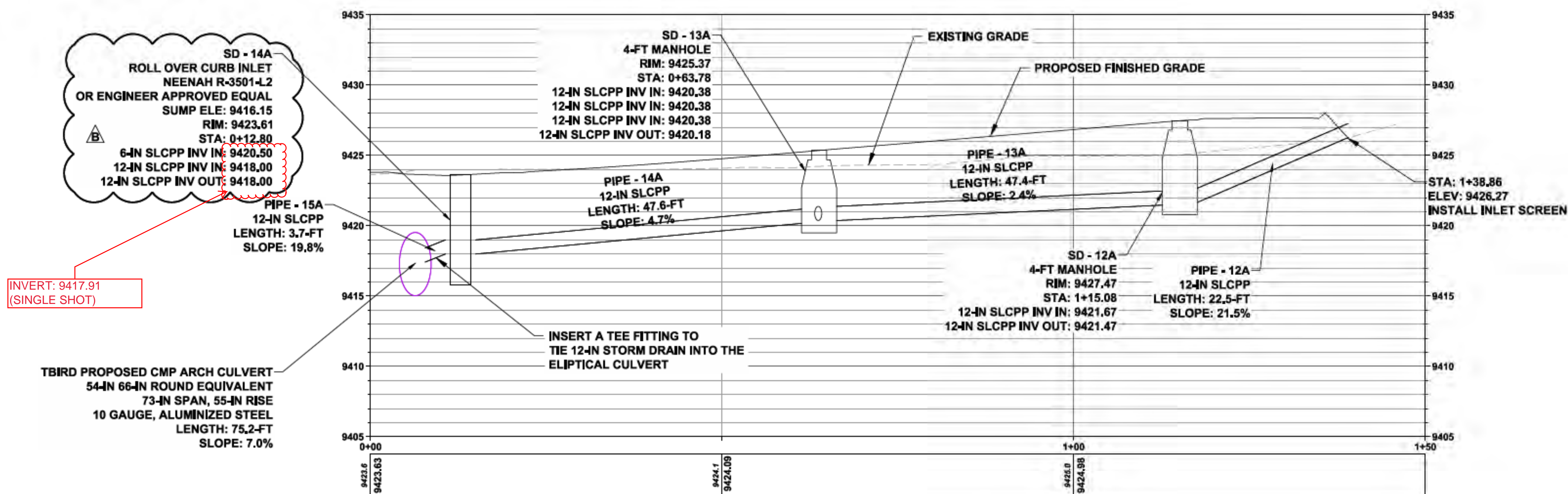
FOR CONSTRUCTION C-217B

C-217

File Name: E:\Current Projects\ and Projects \TYSV - Thunderbolt and Emilia Blavil\ACAD\ and 3 Production Dwg\ELER - STORM - LATERAL S.D.R.O. Plotted: 6/26/2000 4:26 PM Plot Style: Hal ESB Plotted By: PAIII THOMAS



- NOTE:
1. ALL INLET FRAMES SHALL BE SET TO MATCH ROADWAY PROFILE AND MATCH GRADE AT PROPOSED ROAD.
 2. ALL UTILITY CROSSINGS TO MAINTAIN MINIMUM 1-FT SEPARATION FROM STORM MAIN.
 3. ALL PIPE SHALL BE BURIED WITH TRACER WIRE AND WARNING TAPE.



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FOR CONSTRUCTION C-218B

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REVISIONS:
 B 06/18/2020 AVS TRENCH DRAIN ADDITION
 C AND STORM DRAIN INFORMATION

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
THUNDERBIRD ROAD - STORM DRAIN PLAN
AND PROFILE 1

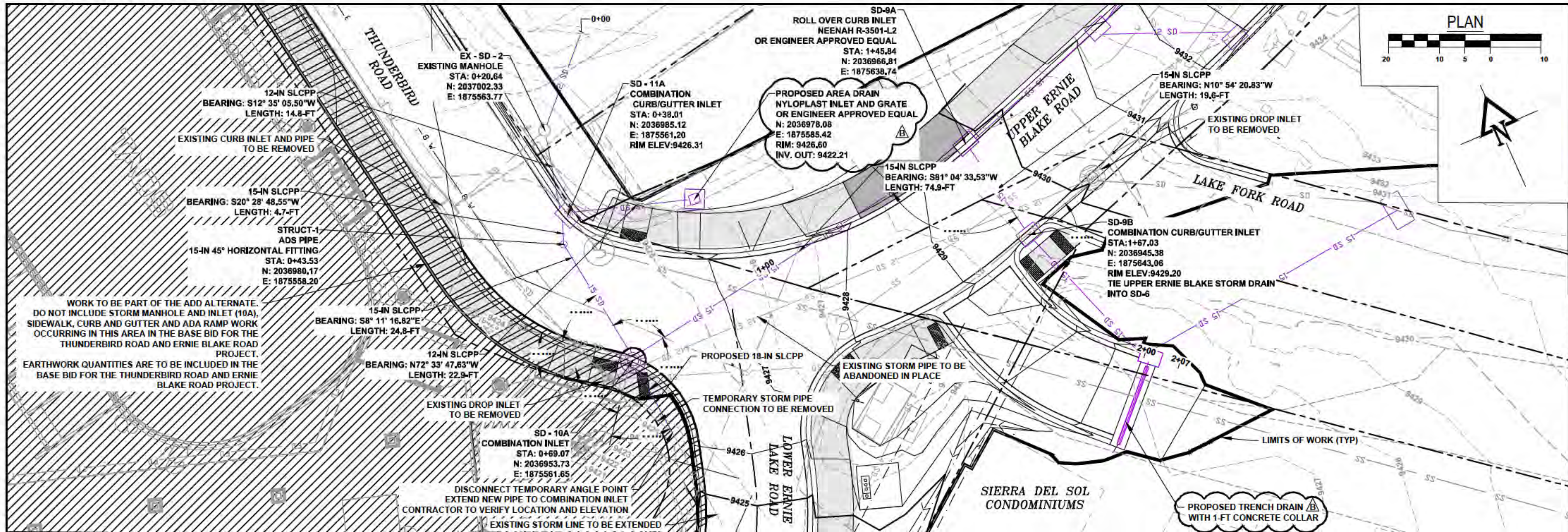
Short Elliott
Hendrickson, Inc.
 934 Main Avenue, Unit C
 Durango, Colorado 81301
 Phone: (970) 385-4546
 Fax: (970) 385-4502

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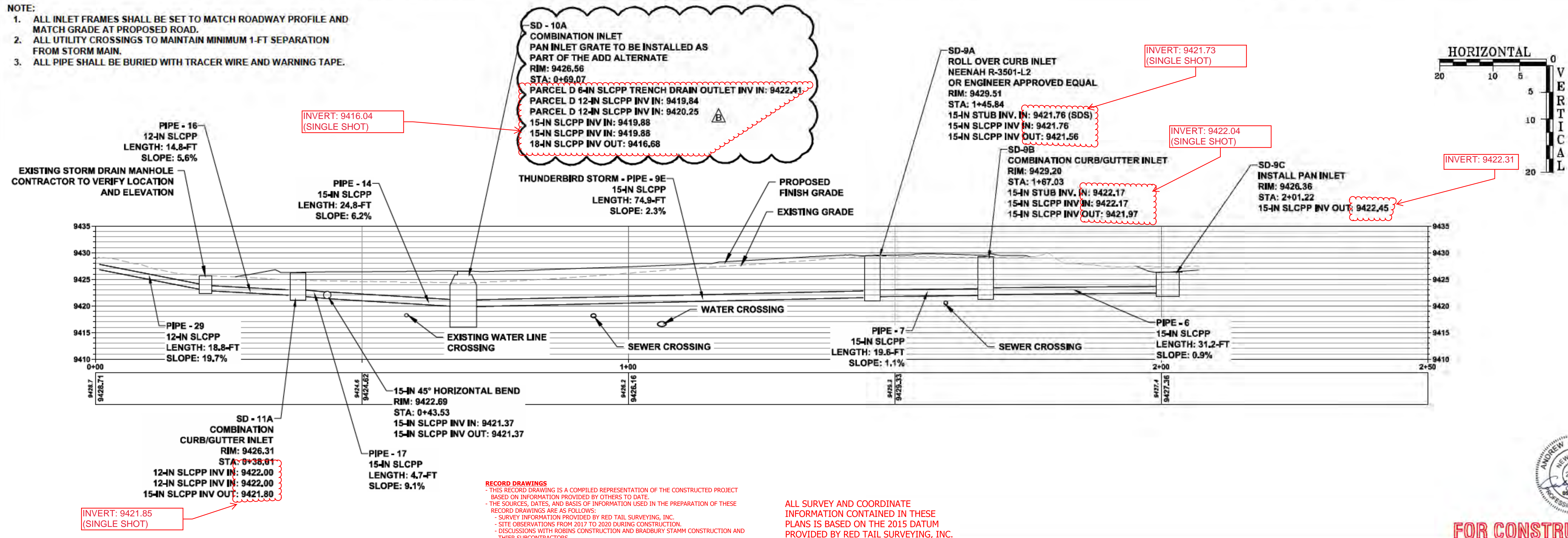
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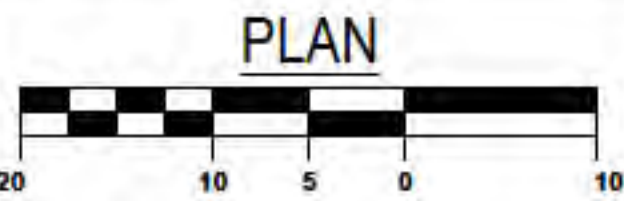
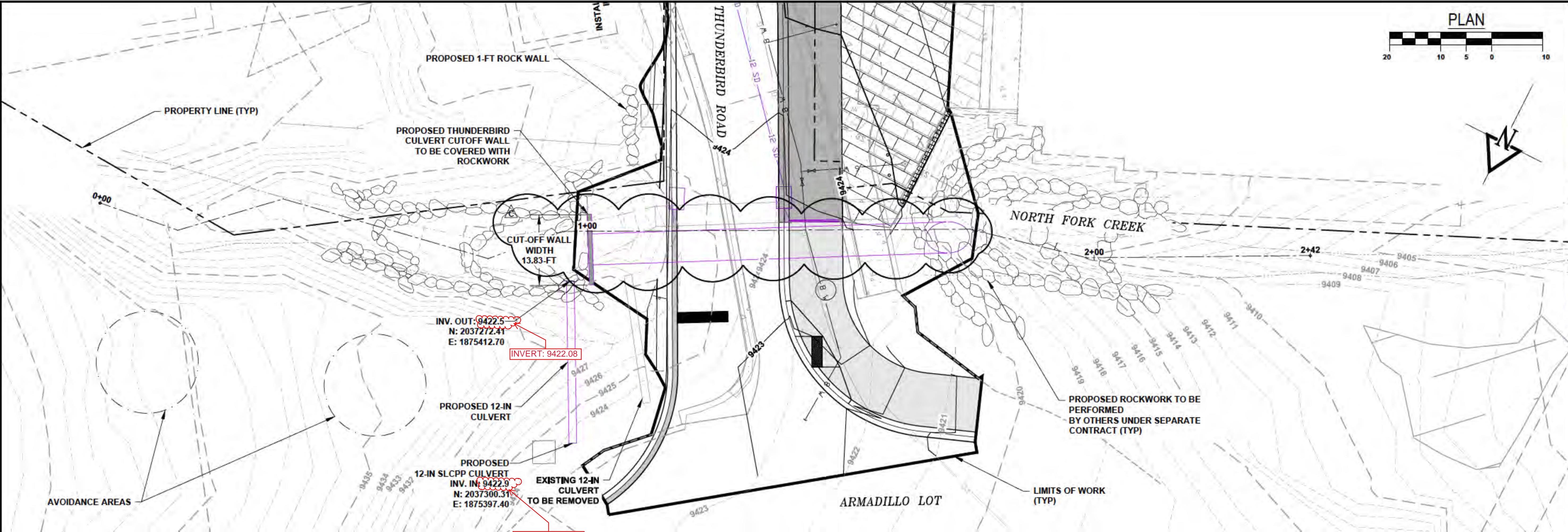
39 OF 52

File Name: R:\Current Projects\Land Projects 31TSV - Thunderbird and Ernie Blake\ACAD\Level 3 Production Dwg\TB - STORM-PPRO Plotted: 5/20/2020 9:38 AM Plot Style: HALF STB Plotted By: PAUL THOMAS



- NOTE:**
1. ALL INLET FRAMES SHALL BE SET TO MATCH ROADWAY PROFILE AND MATCH GRADE AT PROPOSED ROAD.
 2. ALL UTILITY CROSSINGS TO MAINTAIN MINIMUM 1-FT SEPARATION FROM STORM MAIN.
 3. ALL PIPE SHALL BE BURIED WITH TRACER WIRE AND WARNING TAPE.





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REVISIONS:
1. 04/29/2020 CULVERT ALIGNMENT ADJUSTMENT

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
THUNDERBIRD ROAD - STORM DRAIN PLAN
AND PROFILE 3

Short Elliott
Hendrickson, Inc.
934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502



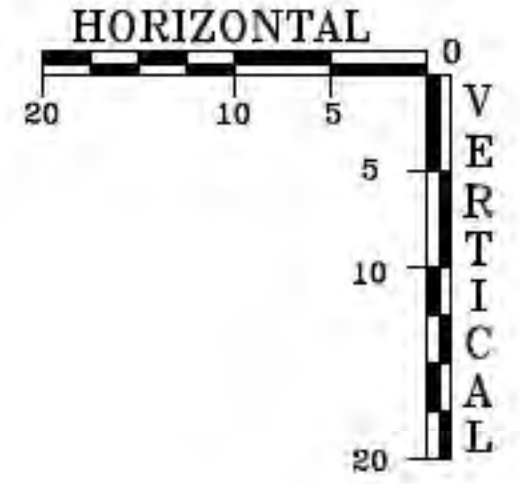
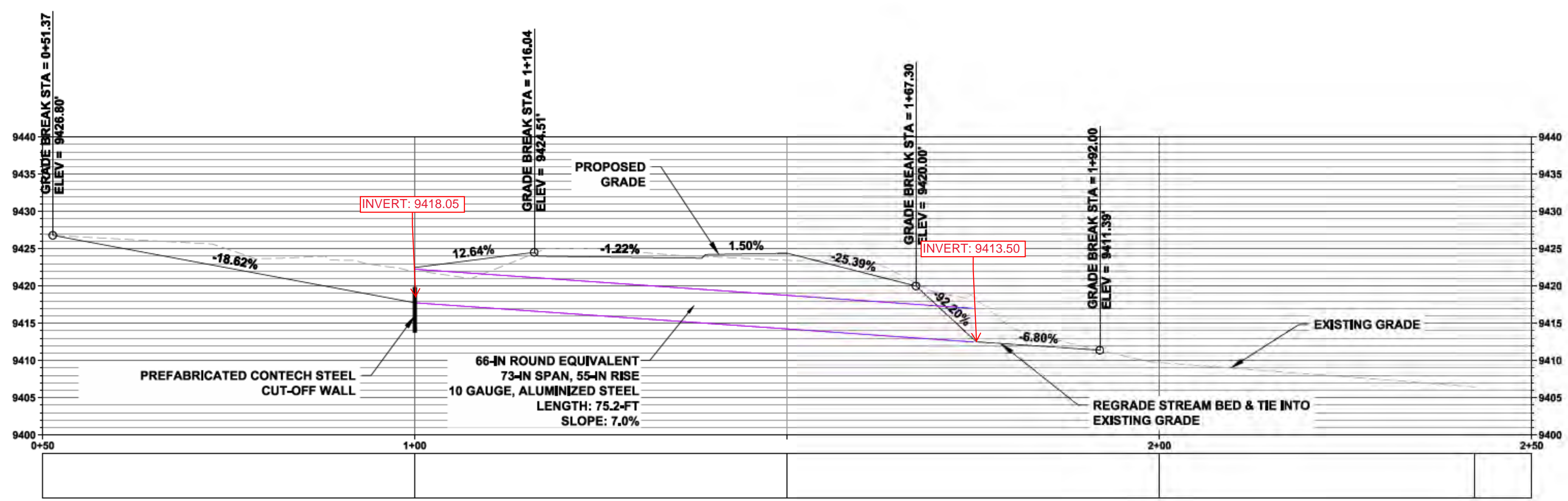
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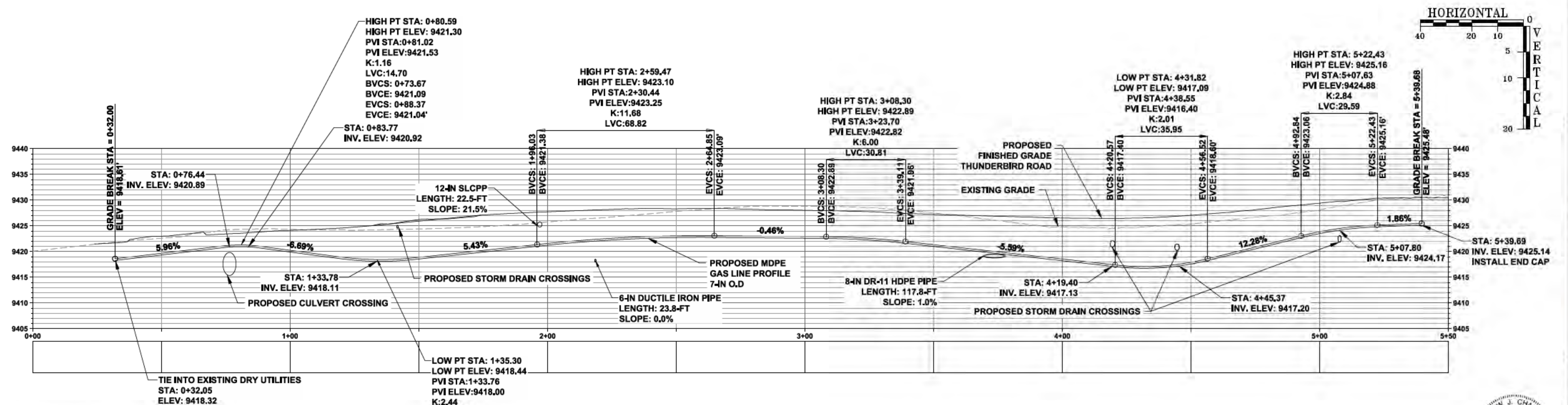
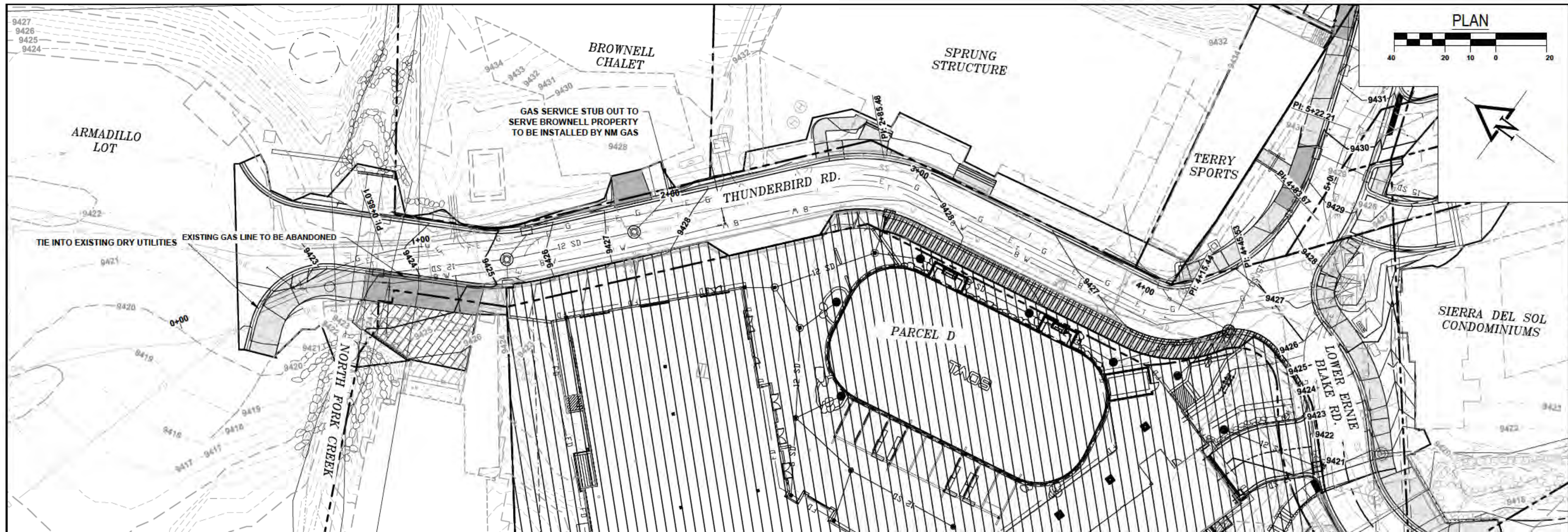


FOR CONSTRUCTION C-220C



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ALL SURVEY AND COORDINATE
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PLANS IS BASED ON THE 2015 DATUM
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NOTE: NM GAS WILL PROVIDE MATERIALS AND LABOR FOR THE PIPE, PIPE BEDDING, AND GASLINE INSTALLATION. CONTRACTOR TO OPEN AND BACKFILL TRENCH.

RECORD DRAWINGS
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REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
THUNDERBIRD ROAD - GAS PLAN AND PROFILE

Short Elliott
Hendrickson, Inc.

934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502

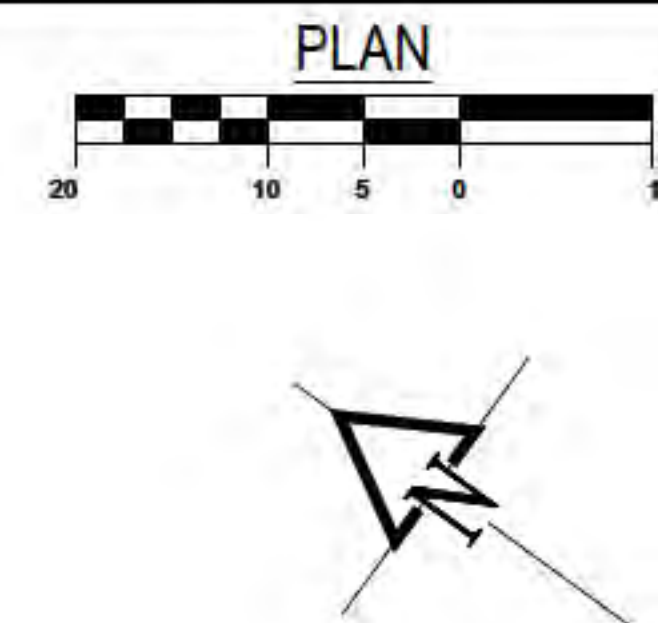
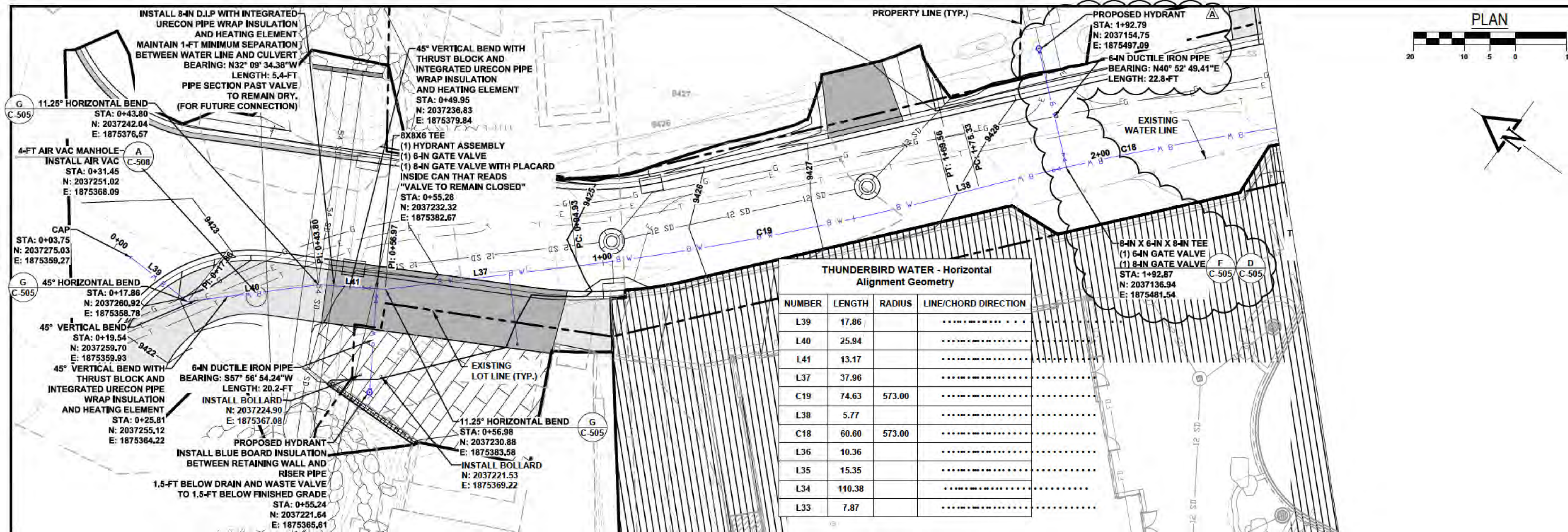


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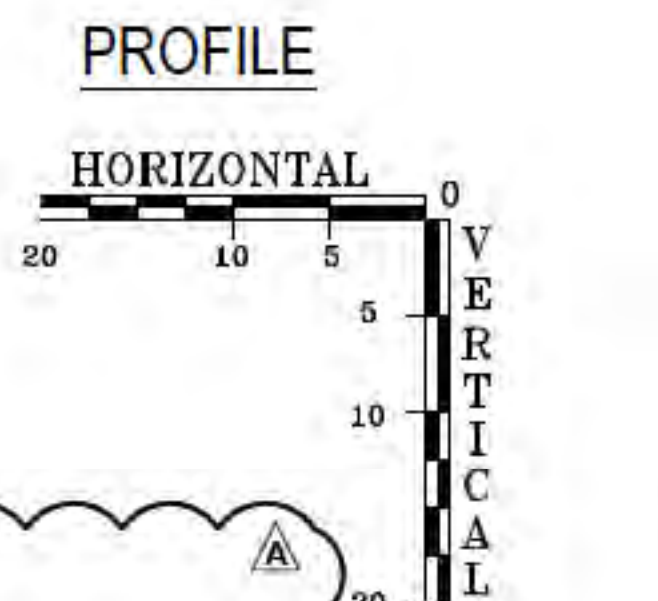
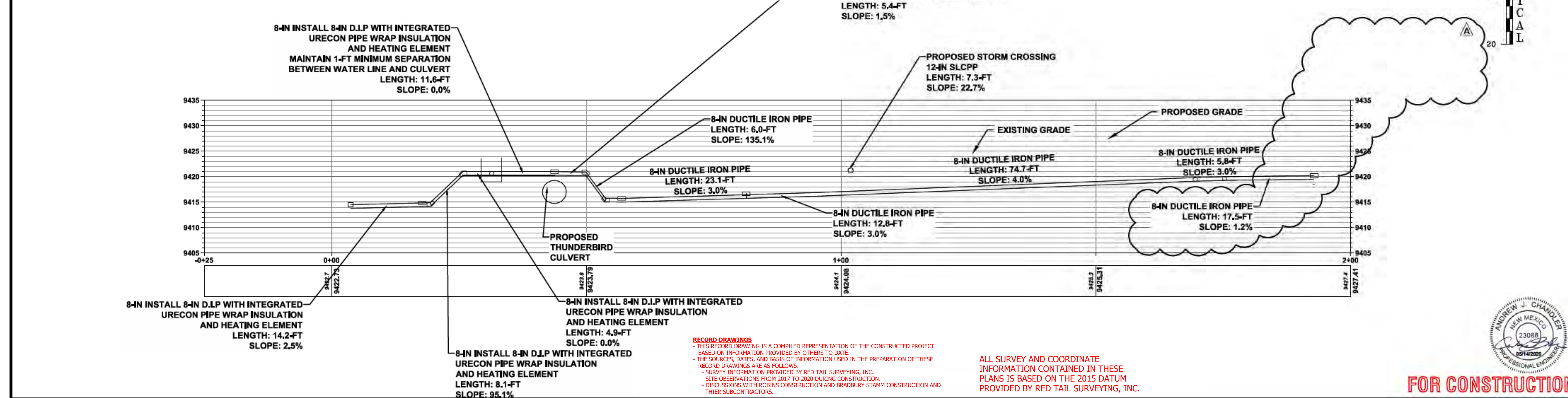
42 OF 52

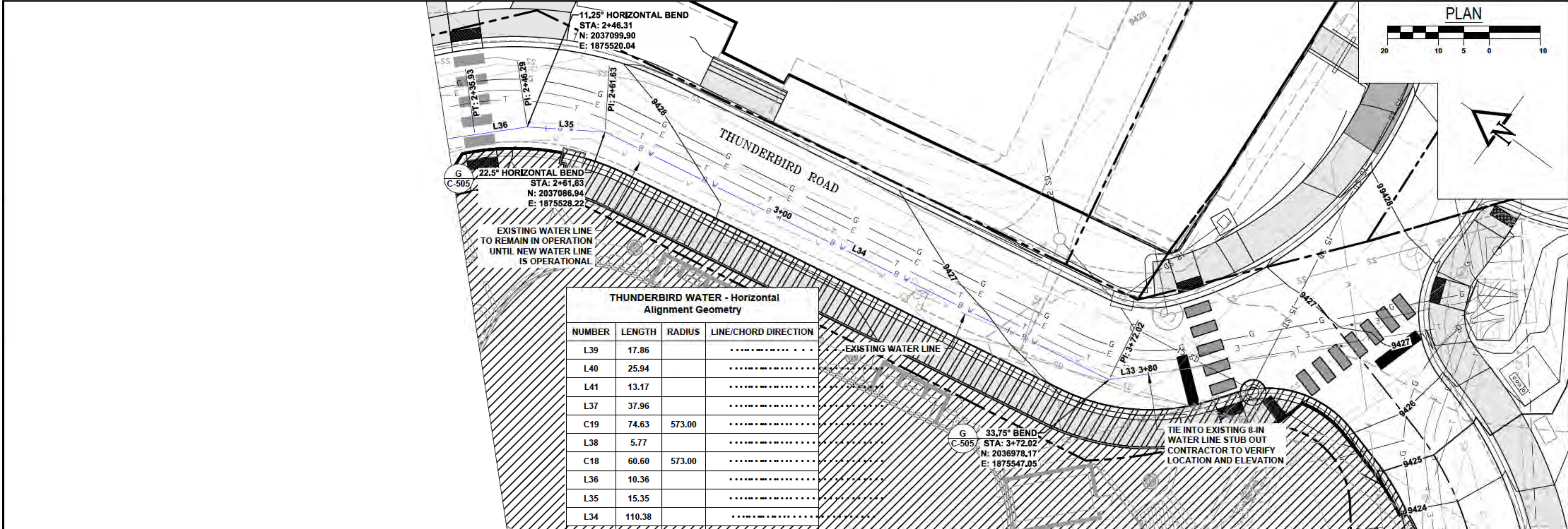
C-221

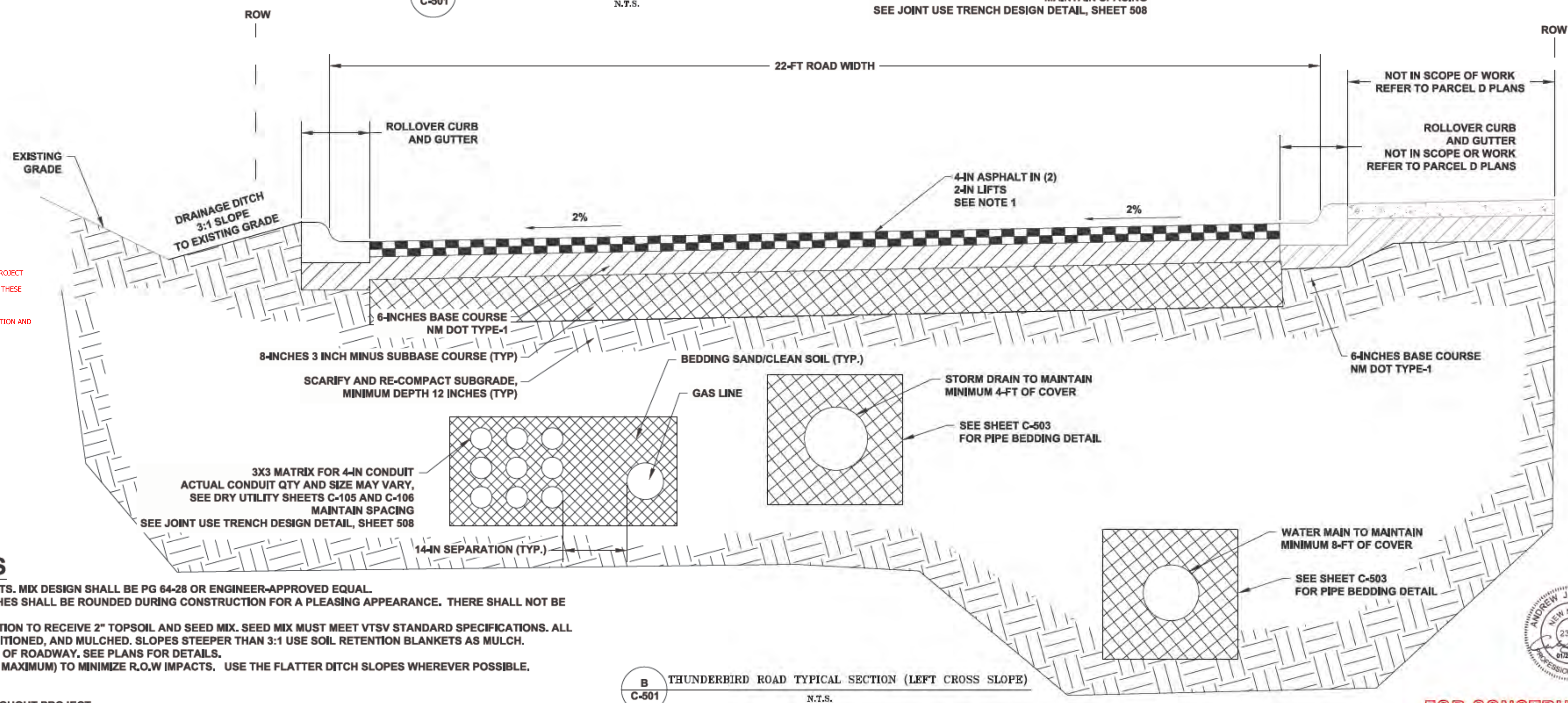
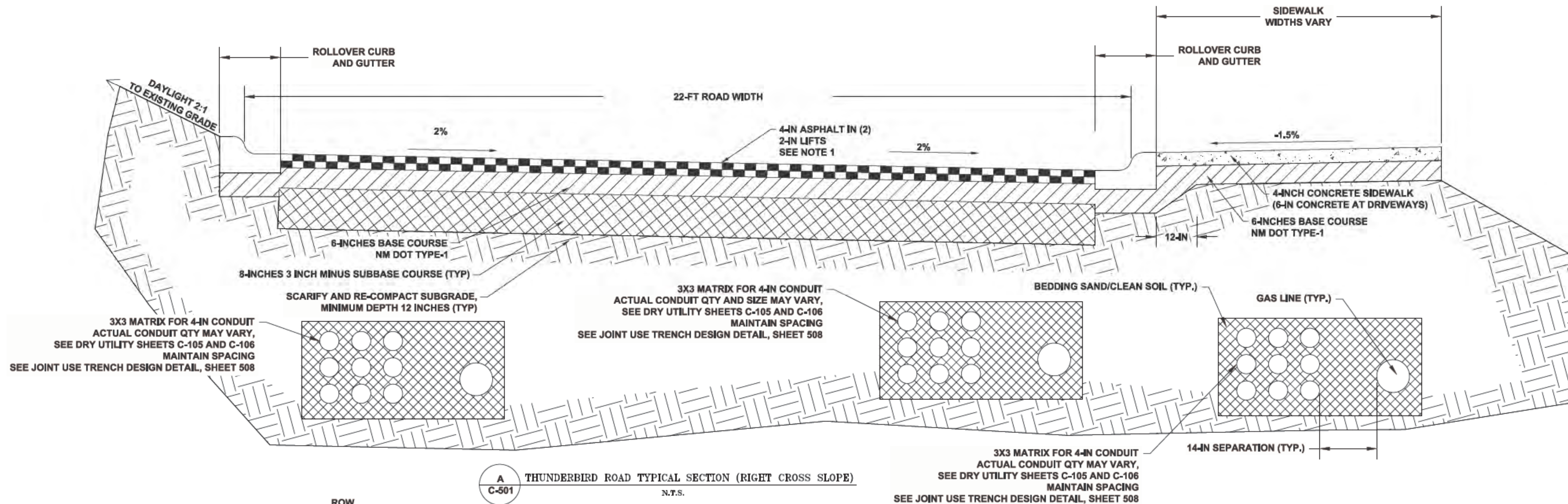


- GENERAL NOTES:**
1. WATER PIPE SHALL BE BURIED WITH A MINIMUM OF 8-FT OF COVER. PIPE MAY BE BURIED WITH LESS COVER WHEN INSULATED AS APPROVED BY VTSV AND ENGINEER.
 2. ALL WATER PIPE MUST BE CLASS 350, ZINC TREATED, CEMENT LINED, ASPHALT COATED DUCTILE IRON PIPE.
 3. ALL JOINTS AND FITTINGS SHALL BE MECHANICALLY RESTRAINED.
 4. ALL PIPE SHALL BE BURIED WITH TRACER WIRE AND WARNING TAPE.
 5. ALL BENDS, FITTINGS, AND VALVES SHALL BE THRUST BLOCKED.
 6. DEFLECTED AFTER JOINT CONNECTION TO AVOID ROLLING GASKETS.

7. ALL ELEVATIONS ARE TO CARRIER (WATER) PIPE INVERT, AND NOT PIPE INSULATION.
8. CONTRACTOR TO POTHOLE EXISTING UTILITIES AT ALL CROSSINGS AND TIE IN LOCATION PRIOR TO CONSTRUCTION. IF CONTRACTOR FINDS ELEVATION CONFLICT, CONTACT ENGINEER.
9. CONTRACTOR TO SUPPLY AND INSTALL TEMPORARY BLOWOFF VALVES AS NECESSARY TO TEST AND FLUSH ALL PROPOSED WATER LINE AND SERVICE CONNECTIONS.
10. CONTRACTOR TO LOCATE AND RECONNECT ALL WATER LINE SERVICES DISTURBED AS PART OF THIS PROJECT.
11. CONTRACTOR TO MAINTAIN WATER SERVICE TO ADJACENT PROPERTIES DURING THE PROJECT EXCEPT FOR MINOR INTERRUPTIONS.







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TYPICAL SECTION NOTES

- HOT MIX ASPHALT SHALL BE PLACED IN TWO (2) LIFTS. MIX DESIGN SHALL BE PG 64-28 OR ENGINEER-APPROVED EQUAL.
- BREAK POINTS ON SLOPES AND BOTTOMS OF DITCHES SHALL BE ROUNDED DURING CONSTRUCTION FOR A PLEASING APPEARANCE. THERE SHALL NOT BE ANY PONDING AFTER EARTHWORK IS COMPLETE.
- ALL VEGETATED AREAS DISTURBED BY CONSTRUCTION TO RECEIVE 2" TOPSOIL AND SEED MIX. SEED MIX MUST MEET VTSV STANDARD SPECIFICATIONS. ALL TOPSOIL MUST BE SEEDED, FERTILIZED, SOIL CONDITIONED, AND MULCHED. SLOPES STEEPER THAN 3:1 USE SOIL RETENTION BLANKETS AS MULCH.
- ROADSIDE TREATMENT VARIES ALONG BOTH SIDES OF ROADWAY. SEE PLANS FOR DETAILS.
- STEEPEN DITCH BACKSLOPE AS NECESSARY (1.5:1 MAXIMUM) TO MINIMIZE R.O.W IMPACTS. USE THE FLATTER DITCH SLOPES WHEREVER POSSIBLE.
- ABC GRAVEL COMPACTION 95% BY AASHTO T-180.
- APPLY TACK COAT BETWEEN ALL HMA LAYERS.
- CLEANING AND SWEEPING ROAD REQUIRED THROUGHOUT PROJECT.



FOR CONSTRUCTION

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REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
THUNDERBIRD ROAD - TYPICAL SECTION A-B

Short Elliott
Hendrickson, Inc.

934 Main Avenue, Unit C
Durango, Colorado 81301
Phone: (970) 385-4546
Fax: (970) 385-4502

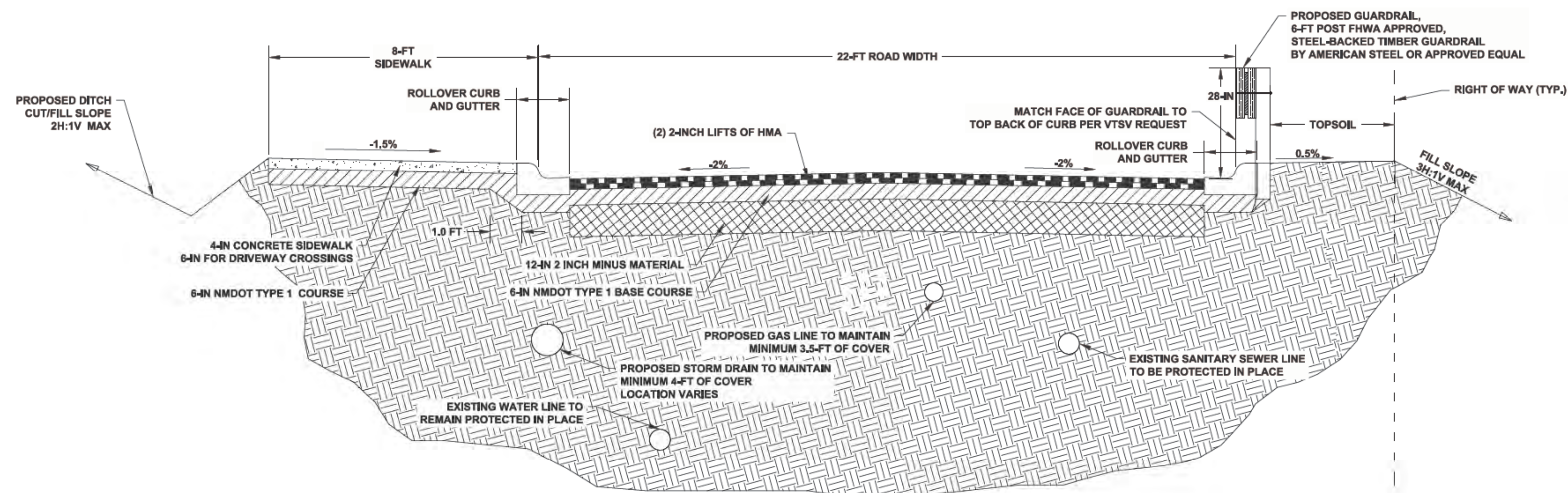


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45 OF 52

C-501



C-502 ERNIE BLAKE ROAD TYPICAL CROWNED SECTION WITH FILL SLOPE
N.T.S.

TYPICAL SECTION NOTES

1. HOT MIX ASPHALT SHALL BE PLACED IN TWO (2) LIFTS . MIX DESIGN SHALL BE PG 64-28 OR ENGINEER-APPROVED EQUAL.
2. BREAK POINTS ON SLOPES AND BOTTOMS OF DITCHES SHALL BE ROUNDED DURING CONSTRUCTION FOR A PLEASING APPEARANCE. THERE SHALL NOT BE ANY PONDING AFTER EARTHWORK IS COMPLETE.
3. ALL VEGETATED AREAS DISTURBED BY CONSTRUCTION TO RECEIVE 2" TOPSOIL AND SEED MIX. SEED MIX MUST MEET VTSV STANDARD SPECIFICATIONS. ALL TOPSOIL MUST BE SEEDED, FERTILIZED, SOIL CONDITIONED, AND MULCHED. SLOPES STEEPER THAN 3:1 USE SOIL RETENTION BLANKETS AS MULCH.
4. ROADSIDE TREATMENT VARIES ALONG BOTH SIDES OF ROADWAY. SEE PLANS FOR DETAILS.
5. STEEPEN DITCH BACKSLOPE AS NECESSARY (1.5:1 MAXIMUM) TO MINIMIZE R.O.W IMPACTS. USE THE FLATTER DITCH SLOPES WHEREVER POSSIBLE.
6. BASE COURSE AND SUBBASE COMPACTION 95% BY AASHTO T-180.
7. APPLY TACK COAT BETWEEN ALL HMA LAYERS.
8. CLEANING AND SWEEPING ROAD REQUIRED THROUGHOUT PROJECT.

UTILITY NOTES

1. DRY UTILITIES TO BE PROTECTED IN PLACE
2. GAS LINE TO BE TRENCHED AND BACKFILLED BY CONTRACTOR, INSTALLED AND BEDDED BY NM GAS.

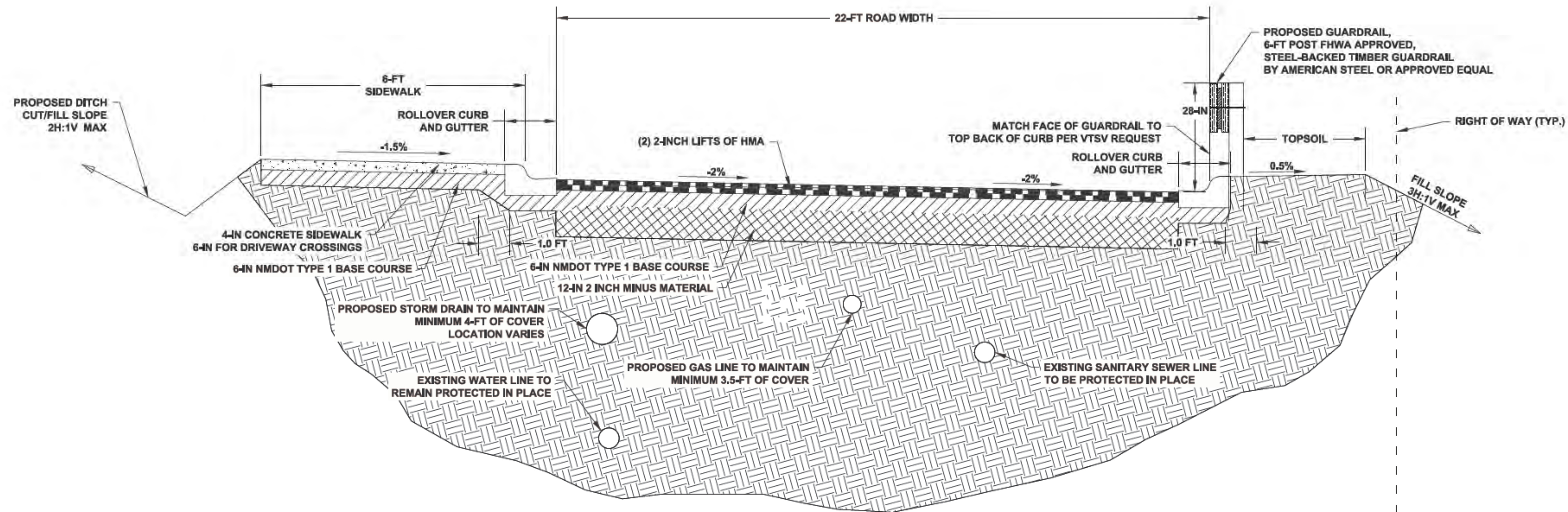
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FOR CONSTRUCTION

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Short Elliott Hendrickson, Inc. 934 Main Avenue, Unit C Durango, Colorado 81301 Phone: (970) 385-4546 Fax: (970) 385-4502	Drawn: MM Drafted: MM Checked: DC	Date of Submittal 01/29/2020
		46 OF 52
		C-502



D
C-503 ERNIE BLAKE ROAD TYPICAL SECTION (RIGHT CROSS SLOPE) WITH FILL SLOPE
N.T.S.

TYPICAL SECTION NOTES

- HOT MIX ASPHALT SHALL BE PLACED IN TWO (2) LIFTS AND AN ADDITIONAL OPEN-GRADED FRICTION COURSE TOP MAT. MIX DESIGN SHALL BE PG 64-28 OR ENGINEER-APPROVED EQUAL.
- BREAK POINTS ON SLOPES AND BOTTOMS OF DITCHES SHALL BE ROUNDED DURING CONSTRUCTION FOR A PLEASING APPEARANCE. THERE SHALL NOT BE ANY PONDING AFTER EARTHWORK IS COMPLETE.
- ALL VEGETATED AREAS DISTURBED BY CONSTRUCTION TO RECEIVE 2" TOPSOIL AND SEED MIX. SEED MIX MUST MEET VTSV STANDARD SPECIFICATIONS. ALL TOPSOIL MUST BE SEEDED, FERTILIZED, SOIL CONDITIONED, AND MULCHED. SLOPES STEEPER THAN 3:1 USE SOIL RETENTION BLANKETS AS MULCH.
- ROADSIDE TREATMENT VARIES ALONG BOTH SIDES OF ROADWAY. SEE PLANS FOR DETAILS.
- STEEPEN DITCH BACKSLOPE AS NECESSARY (1.5:1 MAXIMUM) TO MINIMIZE R.O.W IMPACTS. USE THE FLATTER DITCH SLOPES WHEREVER POSSIBLE.
- BASE COURSE AND SUBBASE COMPACTION 95% BY AASHTO T-180.
- APPLY TACK COAT BETWEEN ALL HMA LAYERS.
- CLEANING AND SWEEPING ROAD REQUIRED THROUGHOUT PROJECT.

UTILITY NOTES

- DRY UTILITIES TO BE PROTECTED IN PLACE
- GAS LINE TO BE TRENCHED AND BACKFILLED BY CONTRACTOR, INSTALLED AND BEDDED BY NM GAS.

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FOR CONSTRUCTION



REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
ERNIE BLAKE ROAD - TYPICAL SECTION D

**Short Elliott
Hendrickson, Inc.**

934 Main Avenue, Unit C
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Phone: (970) 385-4546
Fax: (970) 385-4502

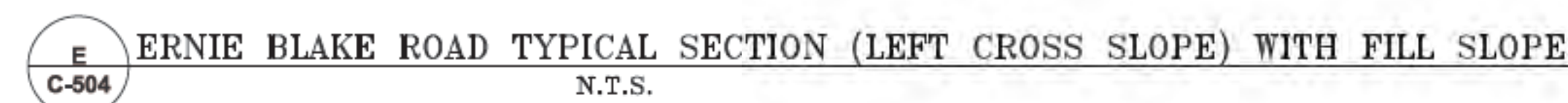


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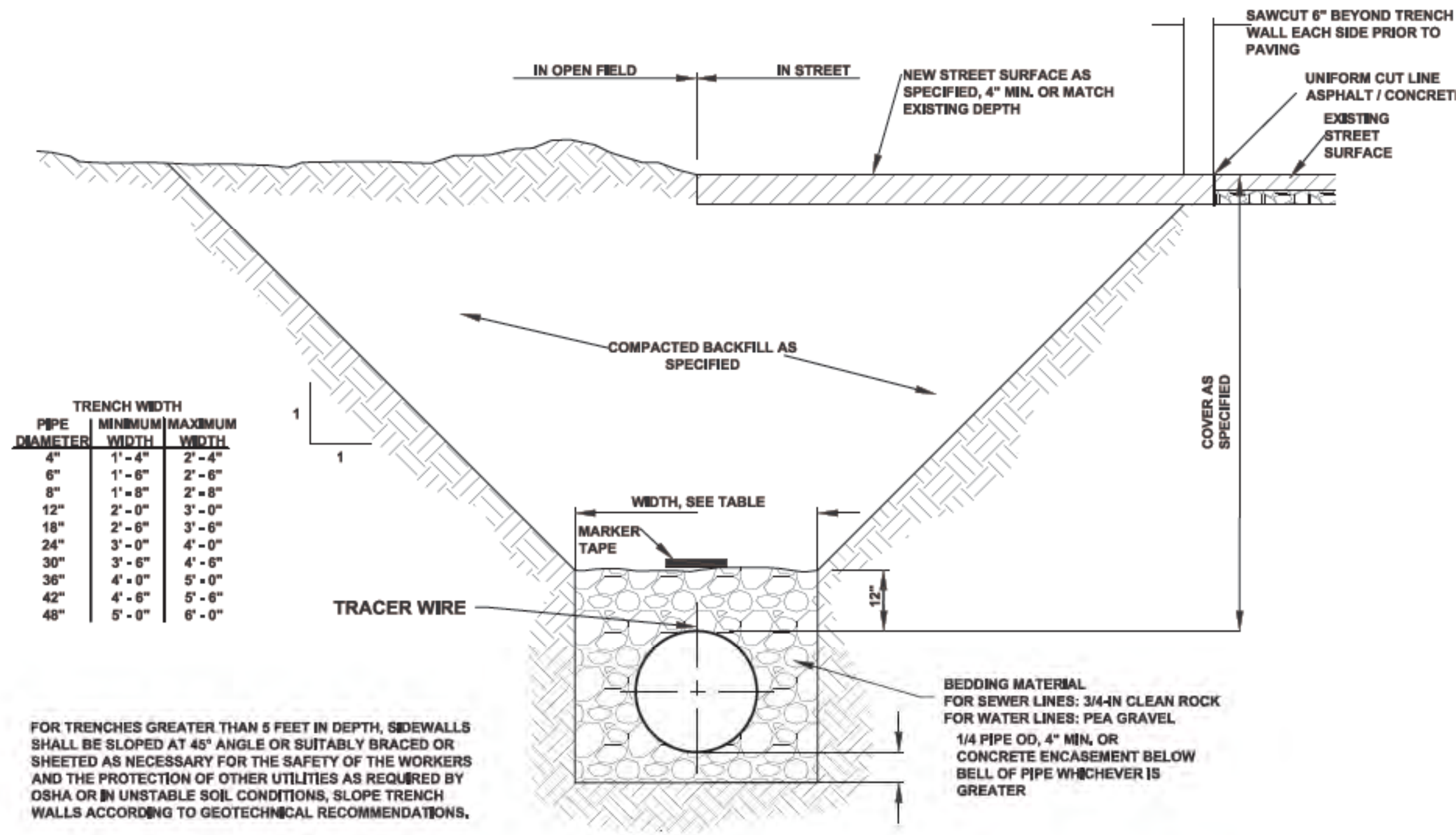
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C-503



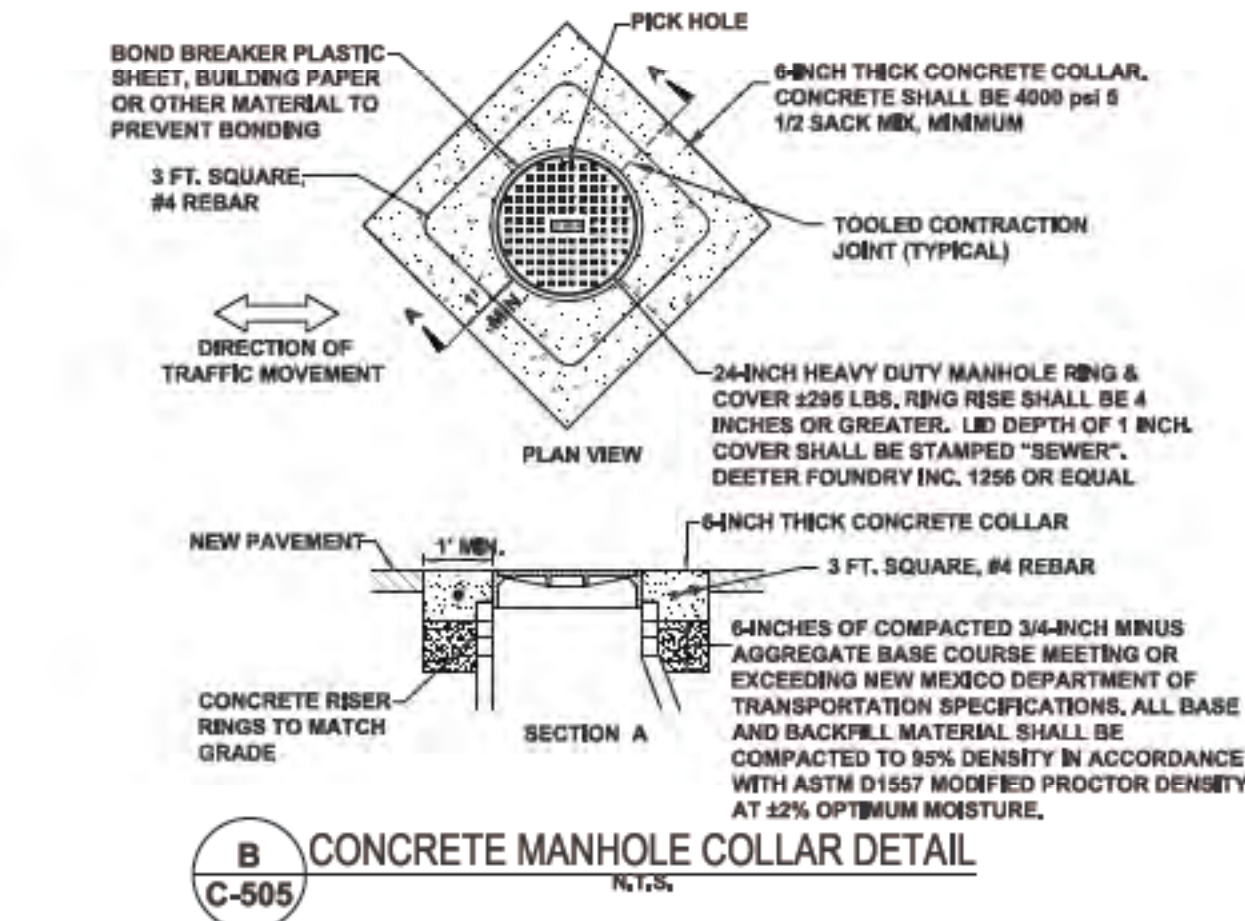
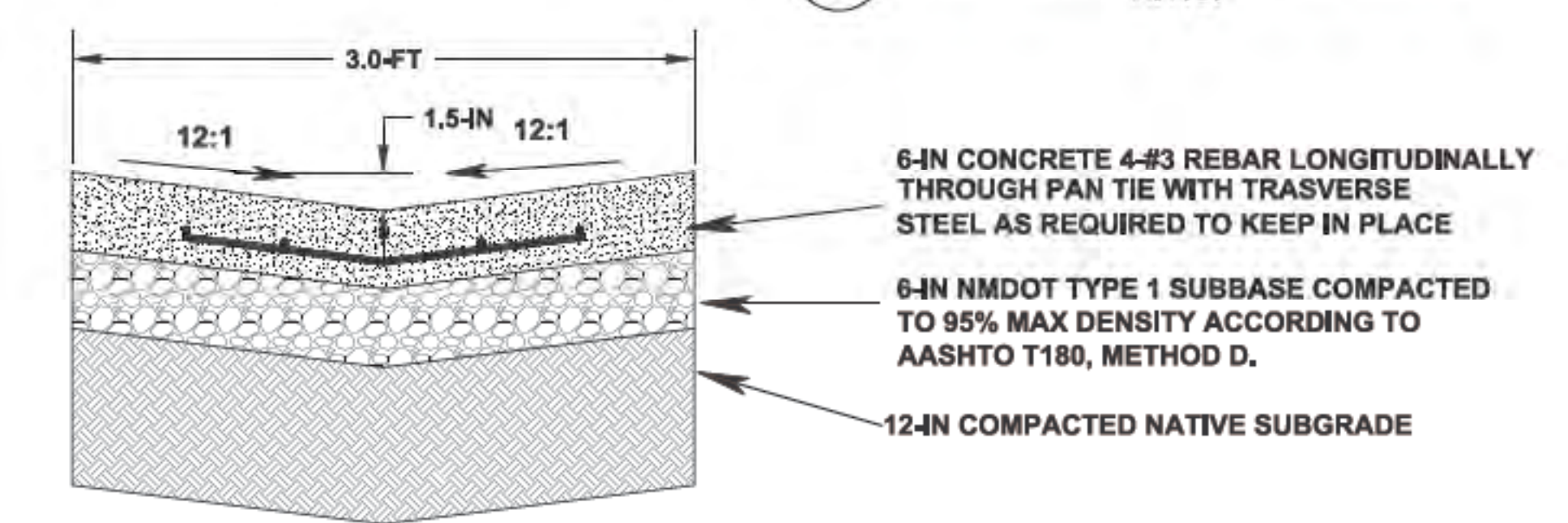
File Name: R:\Current Projects\Land Projects 3\TSV - Thunderbird and Emile Blake\ACAD\Level 3 Production Dwg.s\EB - TYPICAL SECTIONS Plotted: 1/29/2020 8:05 PM Plot Style: HALF.STB Plotted By: PAUL THOMAS



PIPE DIAMETER	TRENCH WIDTH MINIMUM	TRENCH WIDTH MAXIMUM
4"	1'-4"	2'-4"
6"	1'-6"	2'-6"
8"	1'-8"	2'-8"
12"	2'-0"	3'-0"
18"	2'-6"	3'-6"
24"	3'-0"	4'-0"
30"	3'-6"	4'-6"
36"	4'-0"	5'-0"
42"	4'-6"	5'-6"
48"	5'-0"	6'-0"

FOR TRENCHES GREATER THAN 5 FEET IN DEPTH, SIDEWALLS SHALL BE SLOPED AT 45° ANGLE OR SUITABLY BRACED OR SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKERS AND THE PROTECTION OF OTHER UTILITIES AS REQUIRED BY OSHA OR IN UNSTABLE SOIL CONDITIONS, SLOPE TRENCH WALLS ACCORDING TO GEOTECHNICAL RECOMMENDATIONS.

A TYPICAL TRENCH & BEDDING DETAIL
C-505 N.T.S.



B CONCRETE MANHOLE COLLAR DETAIL
C-505 N.T.S.

MINIMUM SQUARE FEET OF BEARING SURFACE- VILLAGE OF TAOS SKI VALLY ONLY				
NOMINAL PIPE SIZE (INCHES)	DEAD ENDS WYES & TEES & VALVES	90 DEGREE BEND	45 DEGREE BENDS	22 1/2 DEGREE BENDS OR LESS
6"	8	10	6	3
8"	13	17	10	5
10"	20	28	16	8

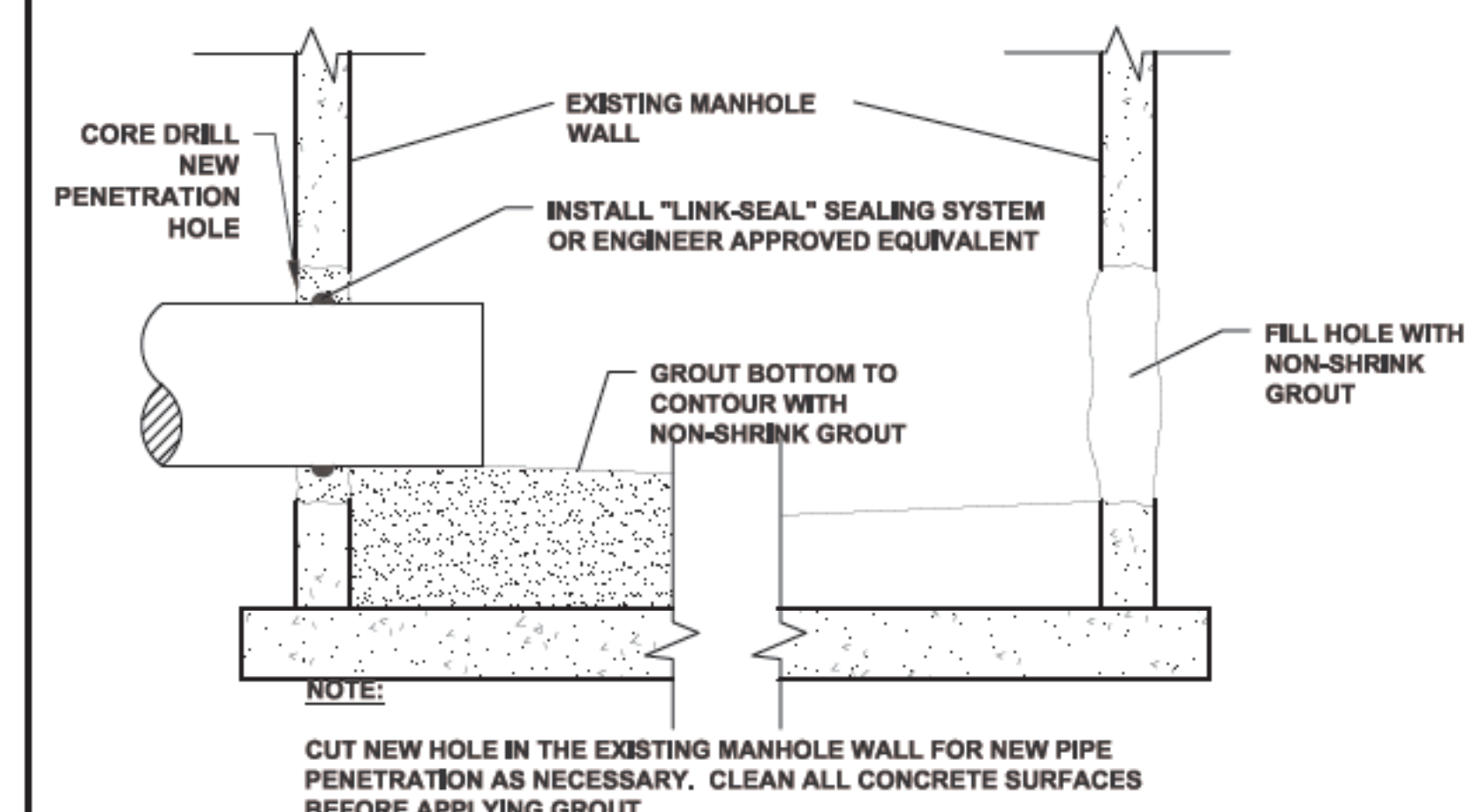
EXAMPLES:
10-INCH HORIZONTAL 45-DEGREE BEND AT 180 PSI FROM TABLE, THRUST = 84x180 = 15,120 LBS. ASSUME SOIL BEARING STRENGTH = 1,000 LBS/SQ. FT. REQUIRED BEARING AREA OF THRUST BLOCK = 15,120/1,000 = 15.12 SQ. FT. = 16 SQ. FT.
10-INCH DOWNWARD VERTICAL 22.5-DEGREE BEND AT 180 PSI FROM TABLE, THRUST = 43x180 = 7,740 LBS. WEIGHT OF CONCRETE = 150 LBS/CUBIC FOOT SIZE OF CONCRETE THRUST BLOCK = 7,740/150 = 51.6 CU. FT. = 1.91 CU. YDS.

- NOTES:**
1. USE THE MAXIMUM INTERNAL PRESSURE ANTICIPATED (I.E. HYDROSTATIC TEST PRESSURE, POSSIBLE SURGE PRESSURE DUE TO PUMP OR VALVE SHUT-OFF, ETC.).
 2. SEE SOILS REPORT FOR BEARING STRENGTH OF SOIL. IN THE ABSENCE OF A SOILS REPORT, ASSUME 1,000 PSF.
 3. CONCRETE THRUST BLOCKS TO BE 4,000 PSI STRENGTH AT 28-DAYS.
 4. THRUST BLOCKS TO BEAR ON UNDISTURBED EARTH. IF NOT POSSIBLE, MECHANICAL RESTRAINTS SHALL BE USED.
 5. DO NOT EXTEND CONCRETE BEYOND THE FITTING JOINTS.
 6. INSTALL POLYETHYLENE BOND BREAKER BETWEEN PIPE AND CONCRETE.
 7. IN ADDITION TO THRUST BLOCKS, MECHANICAL RESTRAINTS (MEGA-LUGS, OR EQUAL) SHALL BE USED AT ALL VALVES, BENDS, FITTINGS WITH MECHANICAL OR PUSH-ON TYPE CONNECTIONS, AND DEAD ENDS.

D CONCRETE VALVE COLLAR DETAIL
C-505 N.T.S.

- NOTES:**
- ALL VERTICAL BENDS SHALL BE THRUST BLOCKED
 - ALL HORIZONTAL BENDS 45° AND SHARPER SHALL BE THRUST BLOCKED

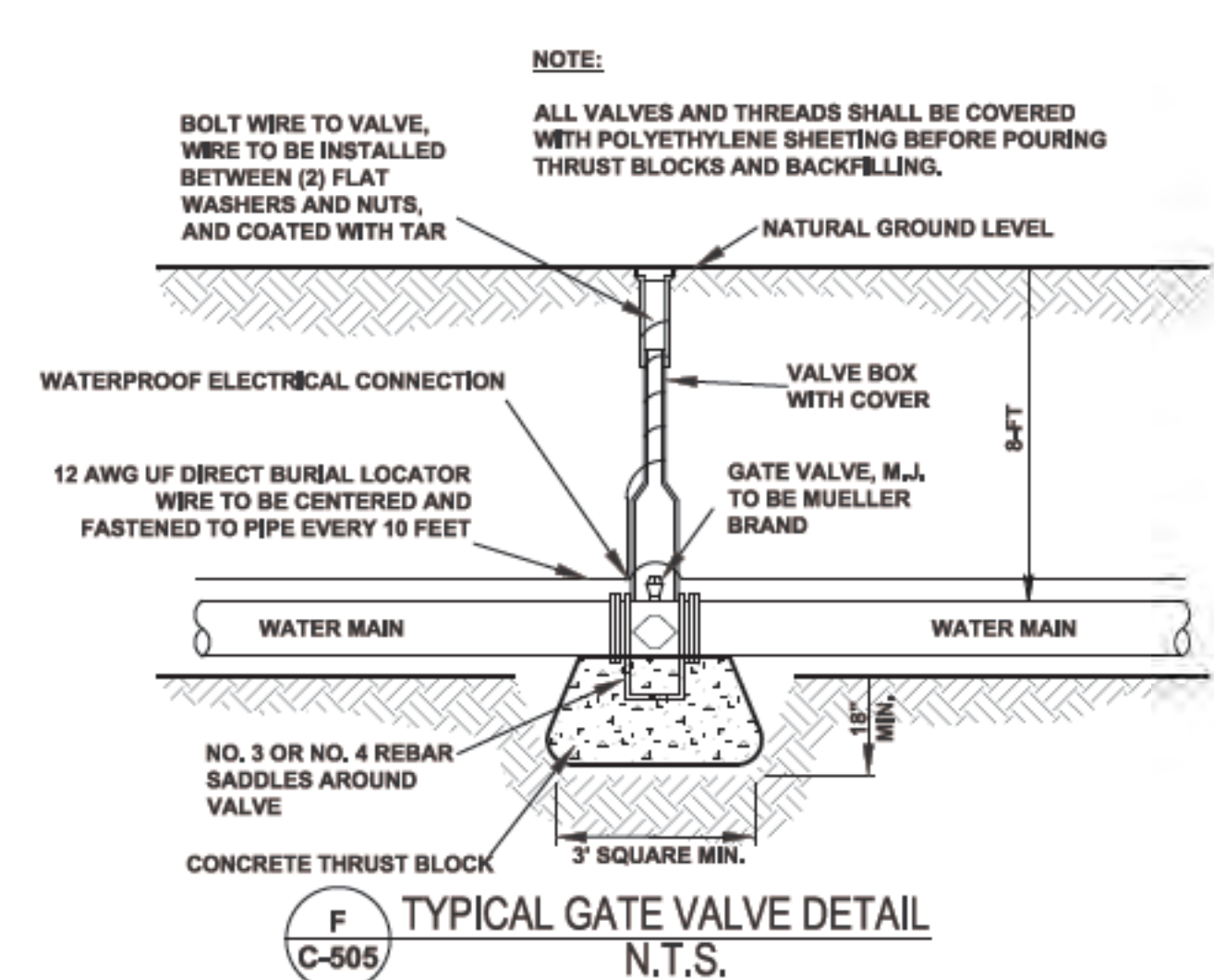
C TYPICAL 3-FT CONCRETE PAN
C-505 N.T.S.



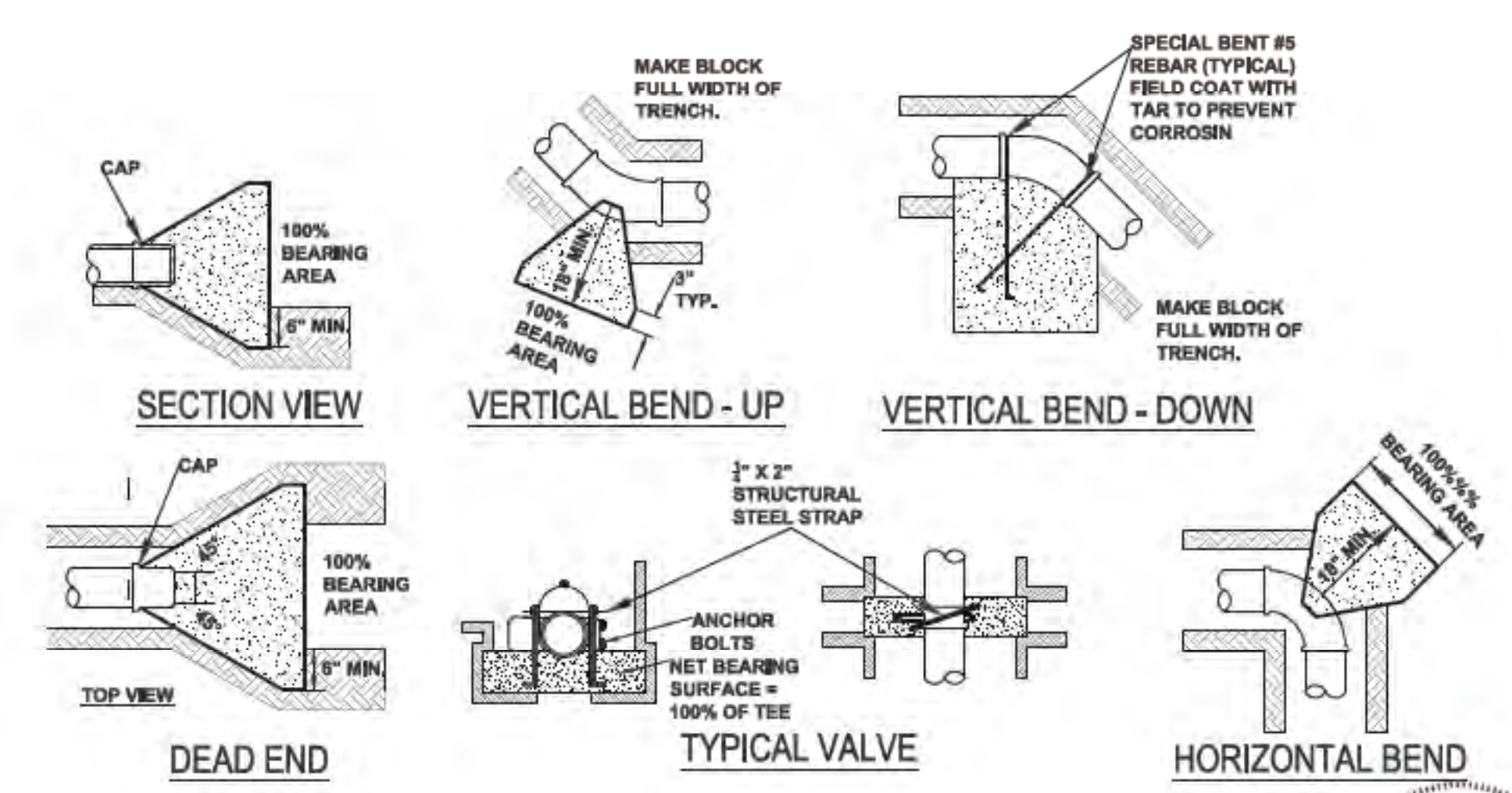
E TYPICAL NEW PIPE PENETRATION DETAIL
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F TYPICAL GATE VALVE DETAIL
C-505 N.T.S.



G THRUST BLOCK DETAIL
C-505 N.T.S.

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REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
TYPICAL DETAILS 1

**Short Elliott
Hendrickson, Inc.**

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Durango, Colorado 81301
Phone: (970) 385-4546
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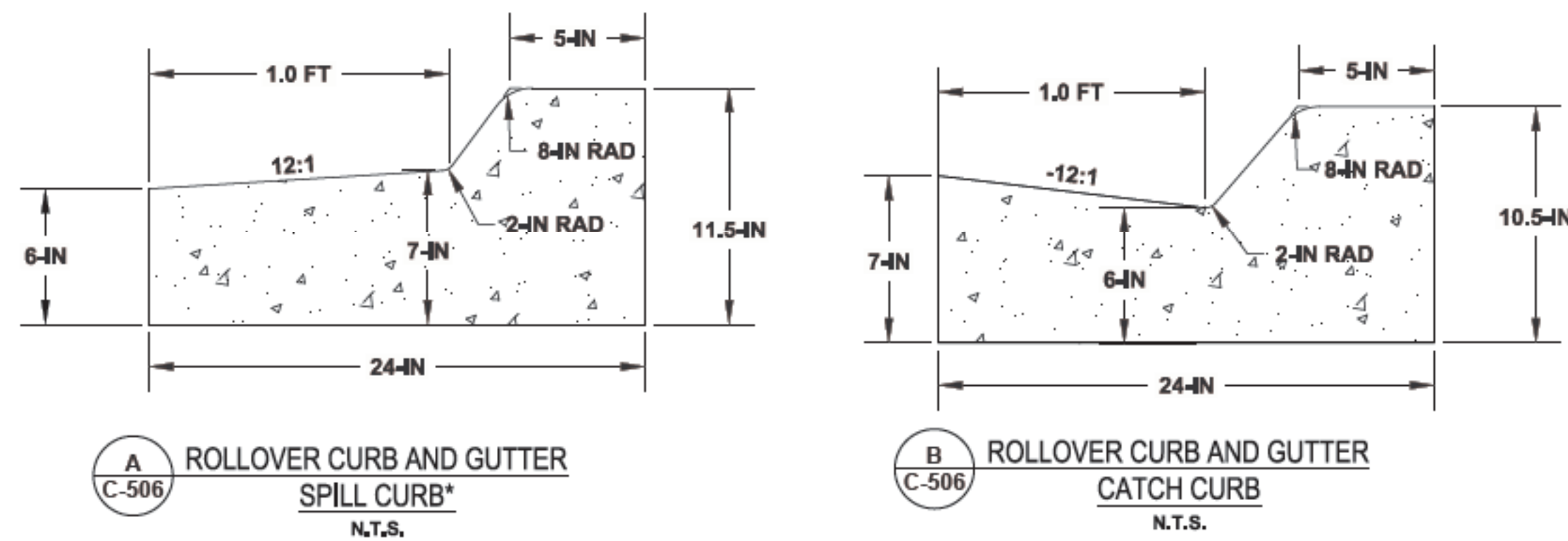
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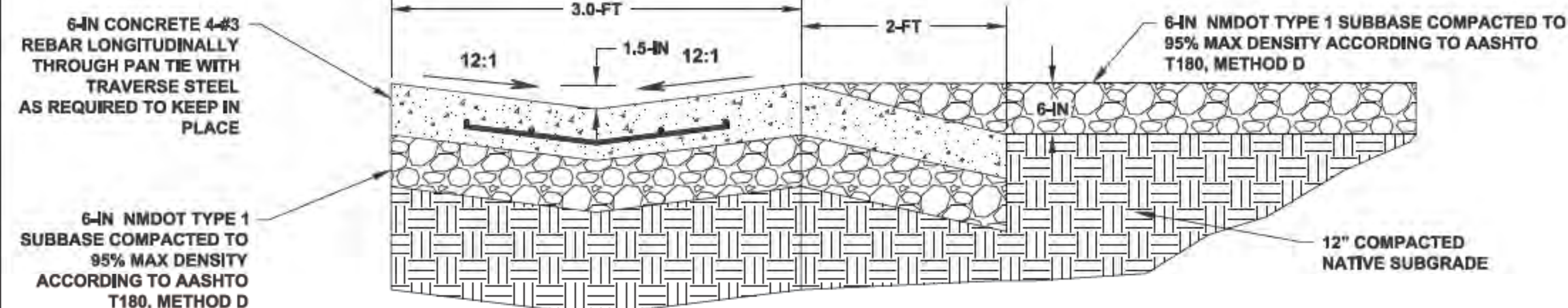
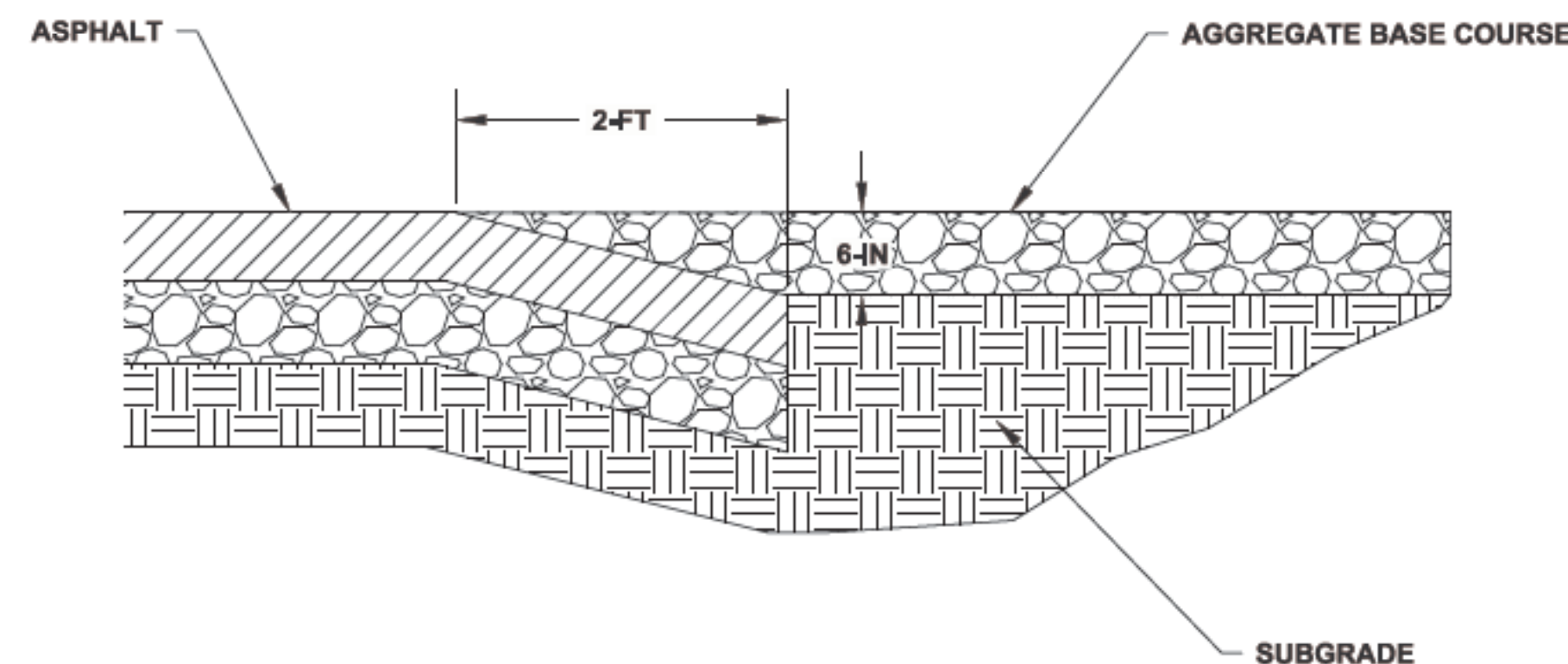
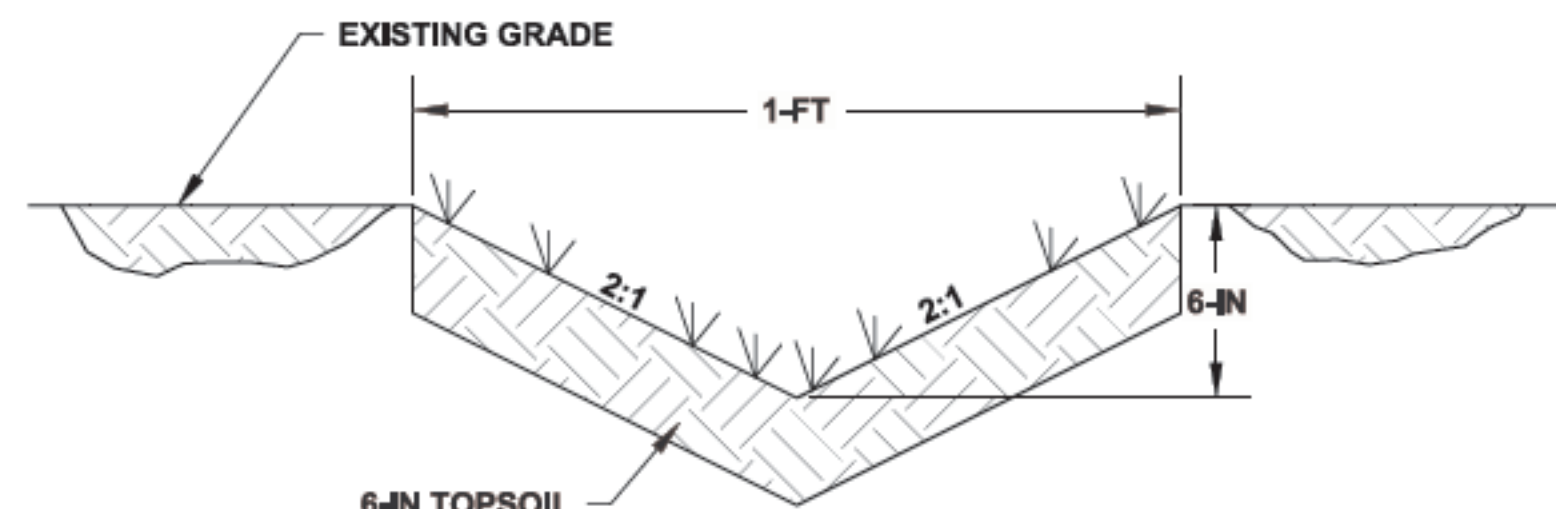
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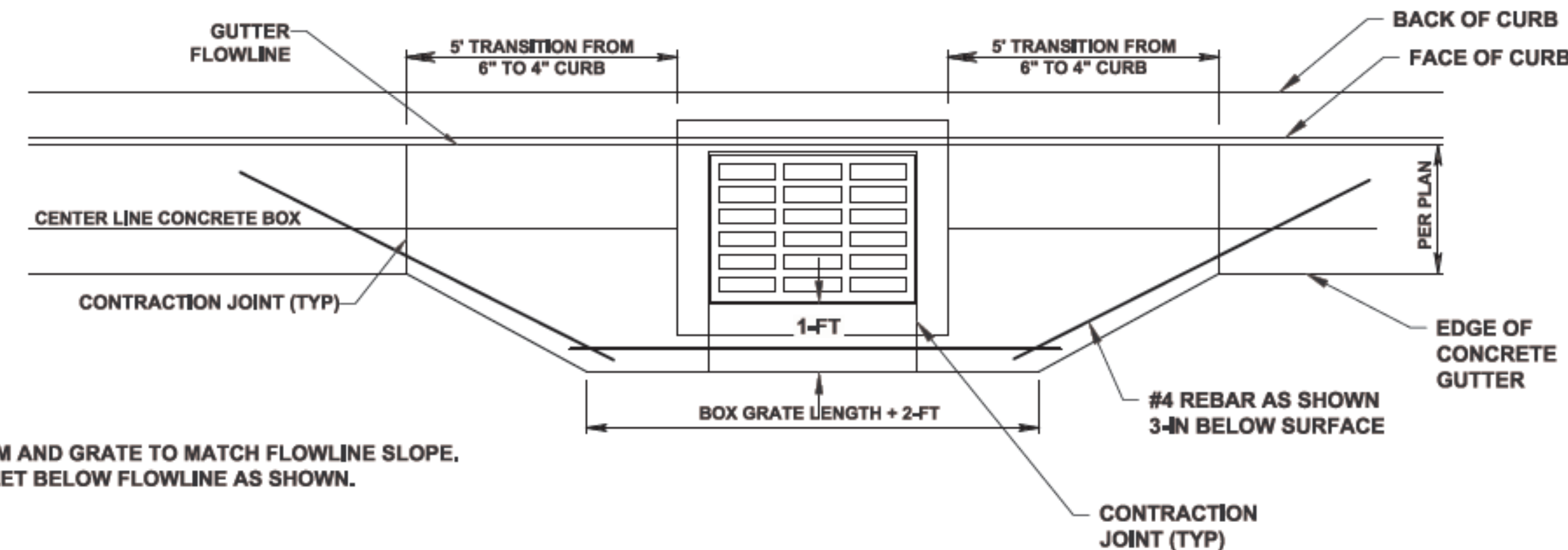
NOTE: SEE SHEET C-207 - THUNDERBIRD ROAD AND ARMADILLO PARKING LOT FLOWLINE PROFILE 1 FOR SPILL CURB LOCATION



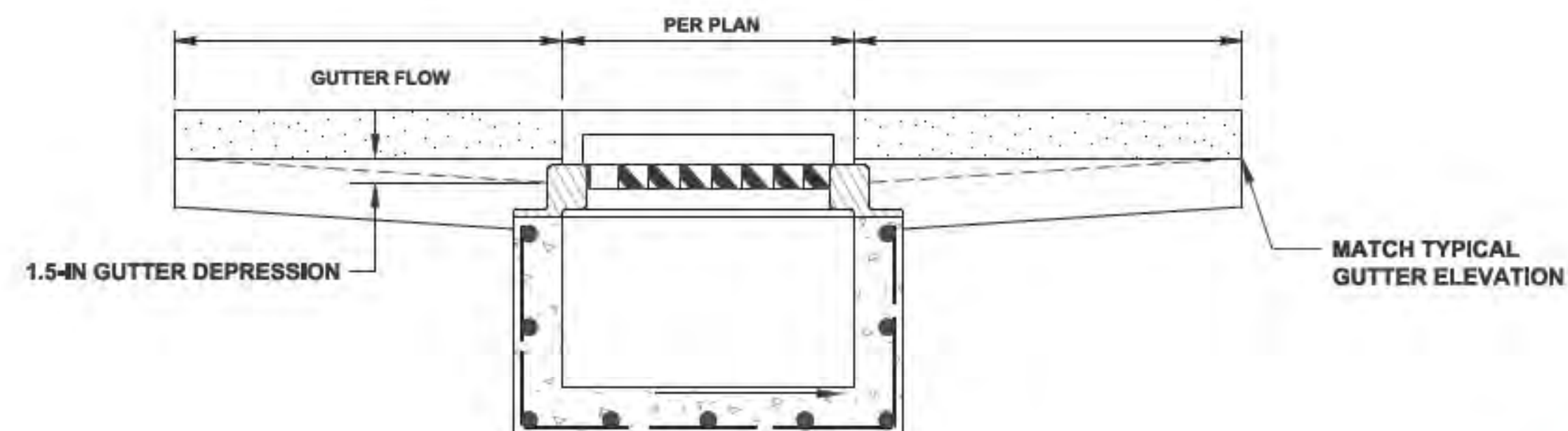
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*LOCATIONS: THE-1N LOCATION POINT OF ERNIE BLAKE ROAD AND TWINING AND AT THE SIERRA DEL SOL DRIVEWAY



NOTE:
SLOPE OF RIM AND GRATE TO MATCH FLOWLINE SLOPE.
DEPRESS INLET BELOW FLOWLINE AS SHOWN.



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REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
TYPICAL DETAILS 2

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Durango, Colorado 81301
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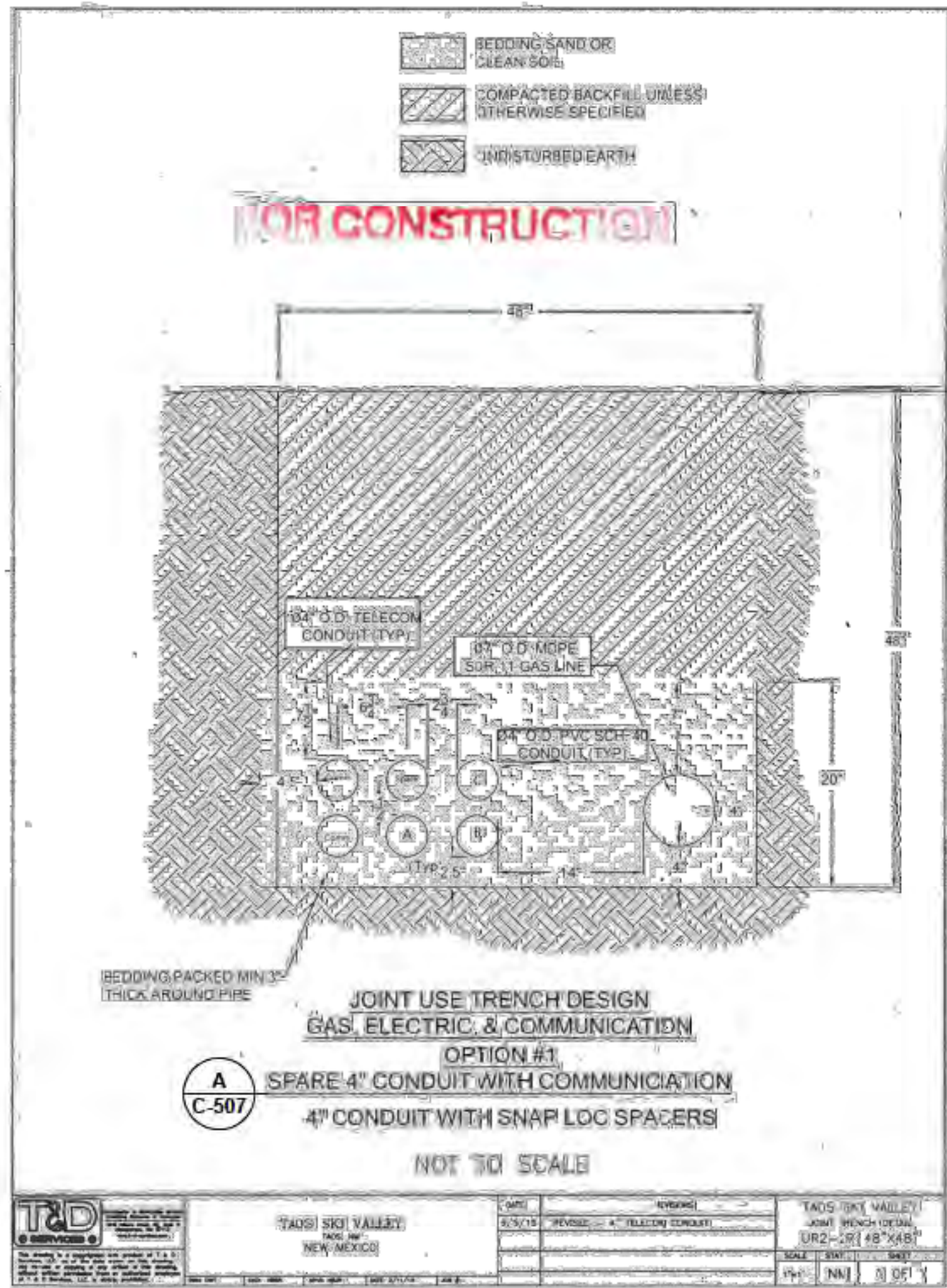
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C-506

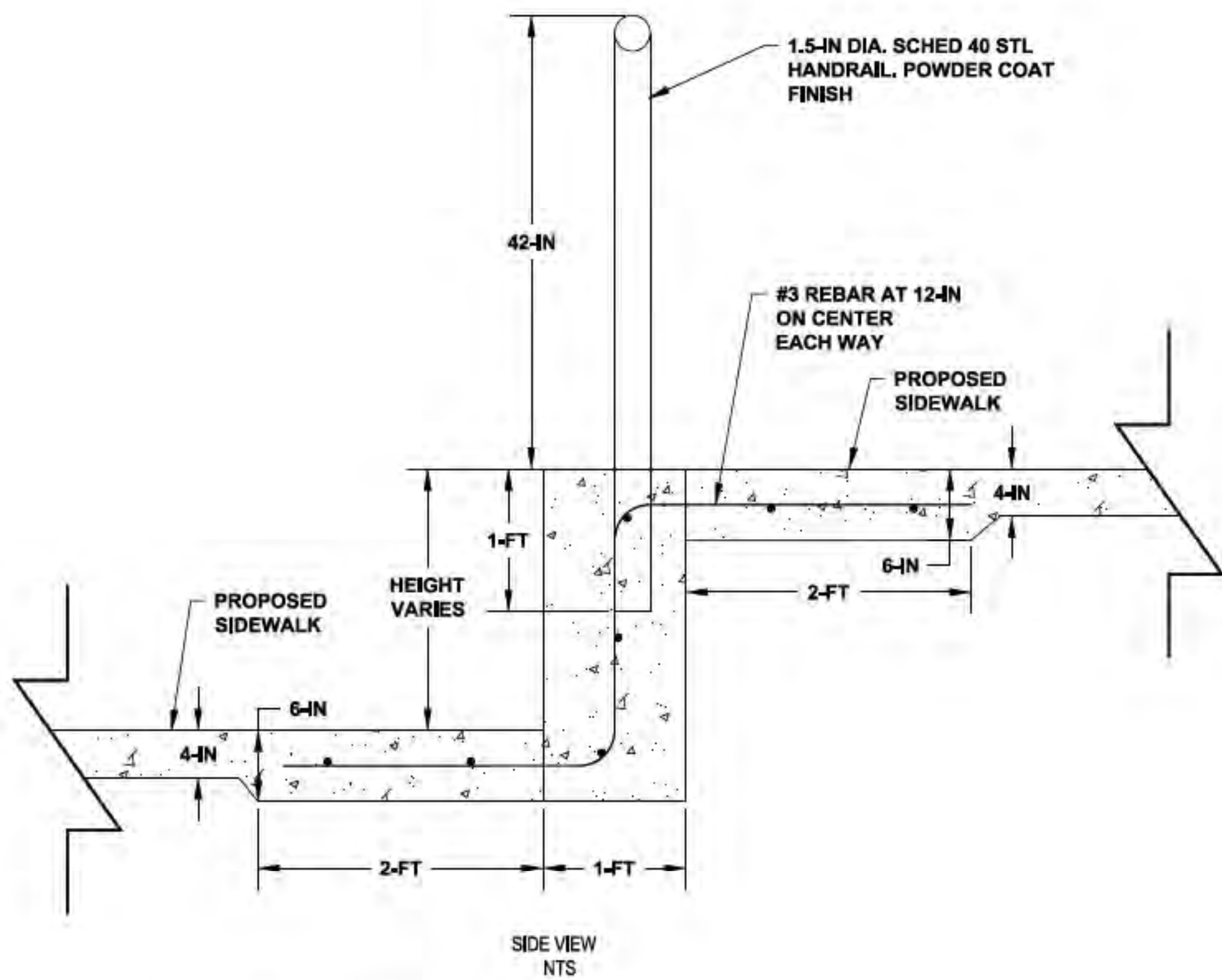
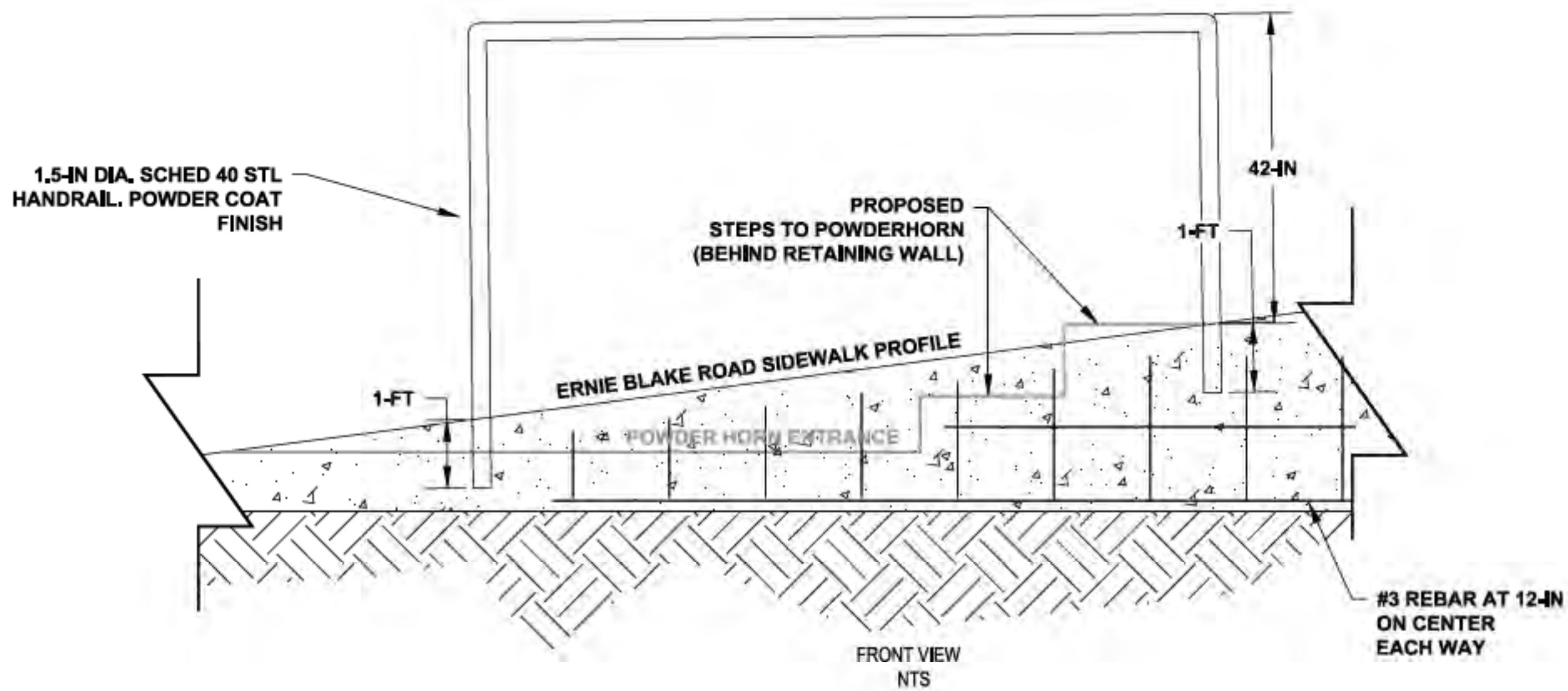
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B
C-507

SITE WALL WITH TUBULAR HANDRAIL
NTS



FOR CONSTRUCTION



REVISIONS:

TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
TYPICAL DETAILS 3

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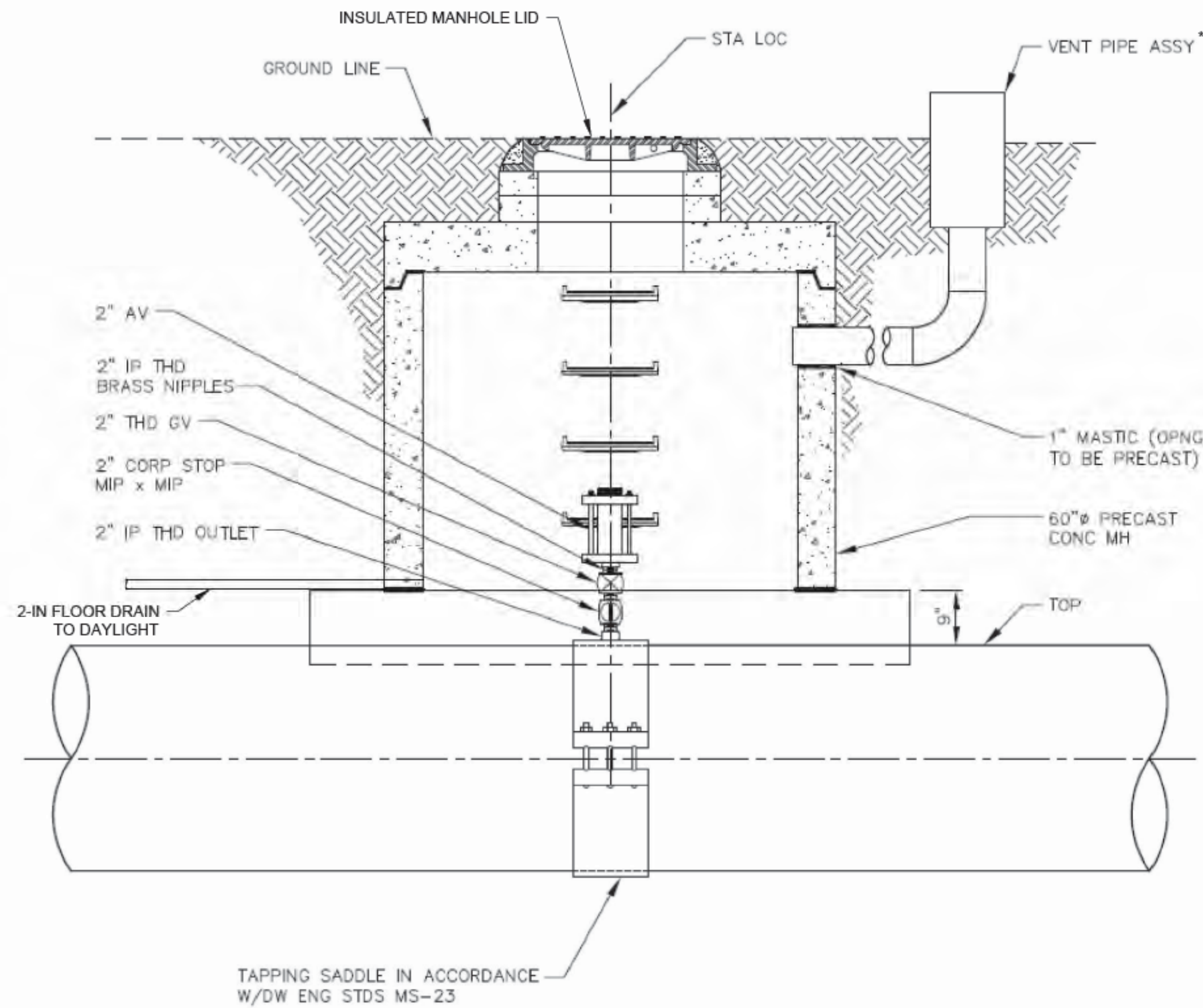


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C-507



A
C-508 WATER LINE AIR VAC AND MANHOLE
NOT

*DO NOT INSTALL AIR VENT AND
ACCOMPANYING OPENING

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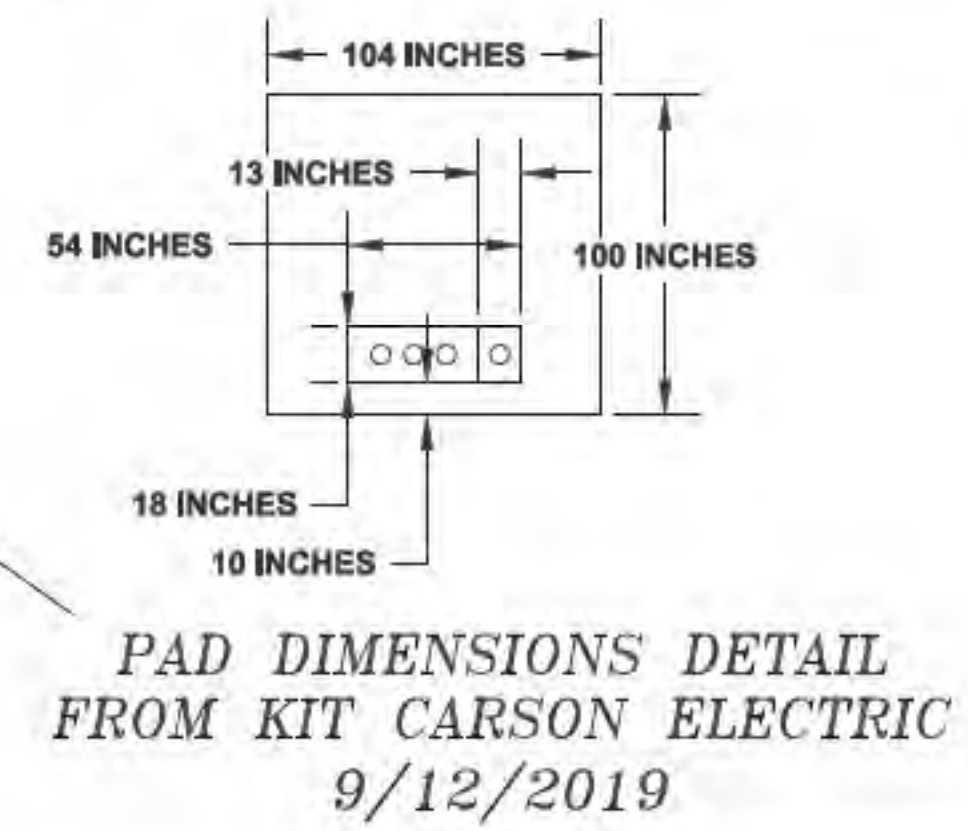
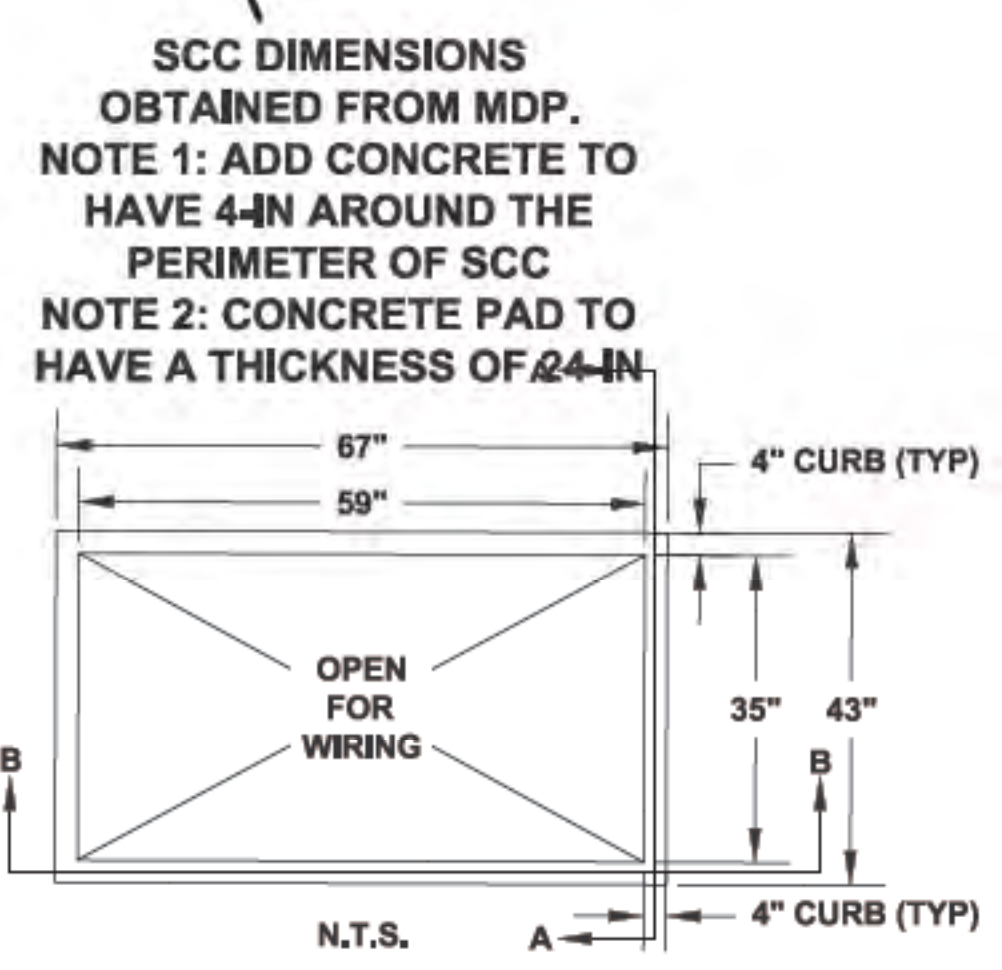
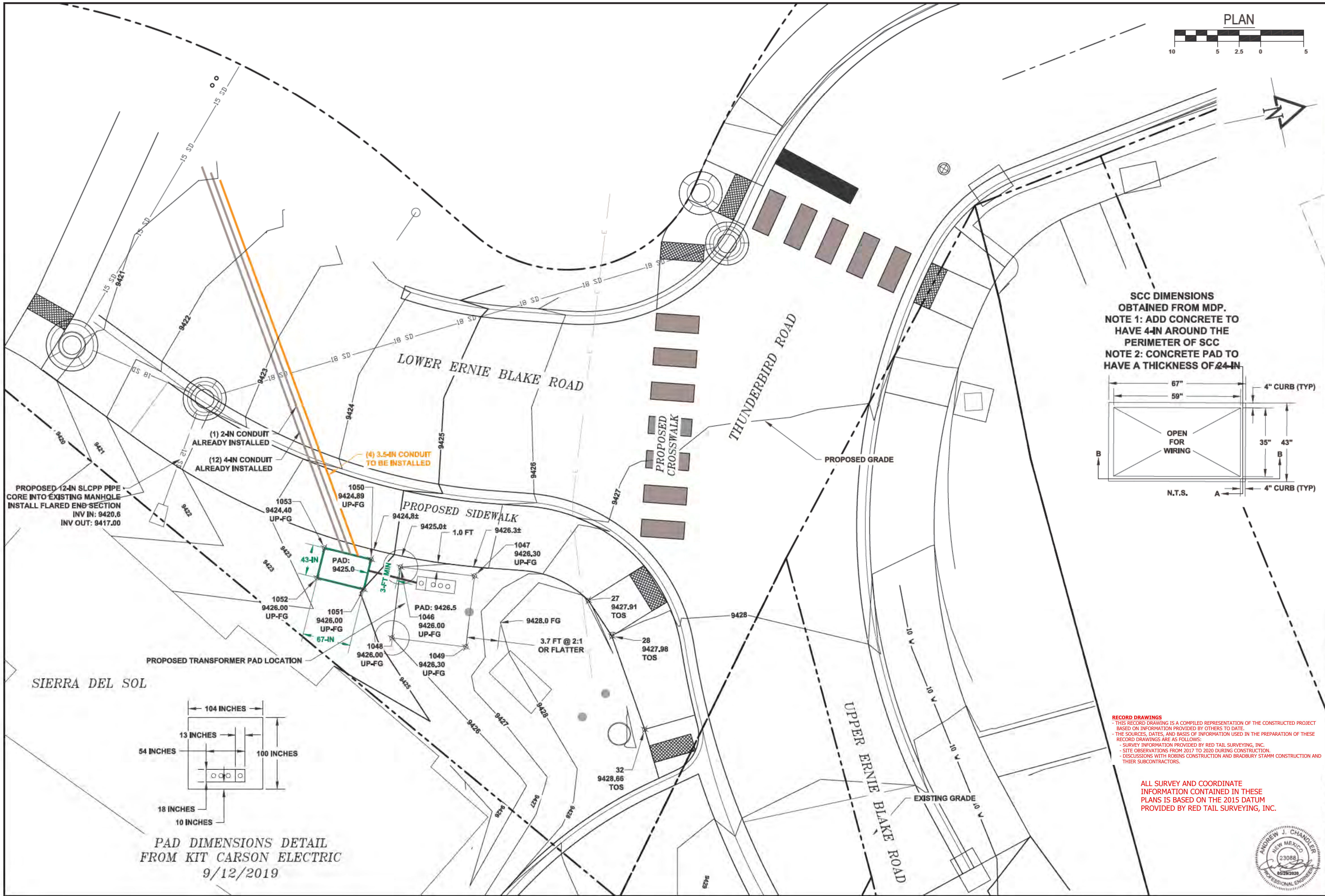


**TAOS SKI VALLEY
THUNDERBIRD ROAD AND ERNIE BLAKE ROAD
TYPICAL DETAILS 4**

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File Name: R:\Current Projects\Land Projects 31TSV - Thunderbird and Ernie Blake\ACAD\Level 3 Production Dwg\1TB - TYPICAL DETAILS Plotted: 1/29/2020 8:05 PM Plot Style: HALF.STB Plotted By: PAUL THOMAS



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REVISIONS:

1	TAOS SKI VALLEY THUNDERBIRD ROAD AND ERNIE BLAKE ROAD SUPPLEMENTAL SHEET 1 - PARCEL D ELECTRICAL CABINET
---	---

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SP-1

File Name: R:\Current Projects\Land Projects 31TSV - Thunderbird and Ernie Blake\ACAD\Level 3 Production Dwg\1SUPP - PARCEL D CABINET Plotted: 5/28/2020 4:27 PM Plot Style: HALF-STB Plotted By: PAUL THOMAS