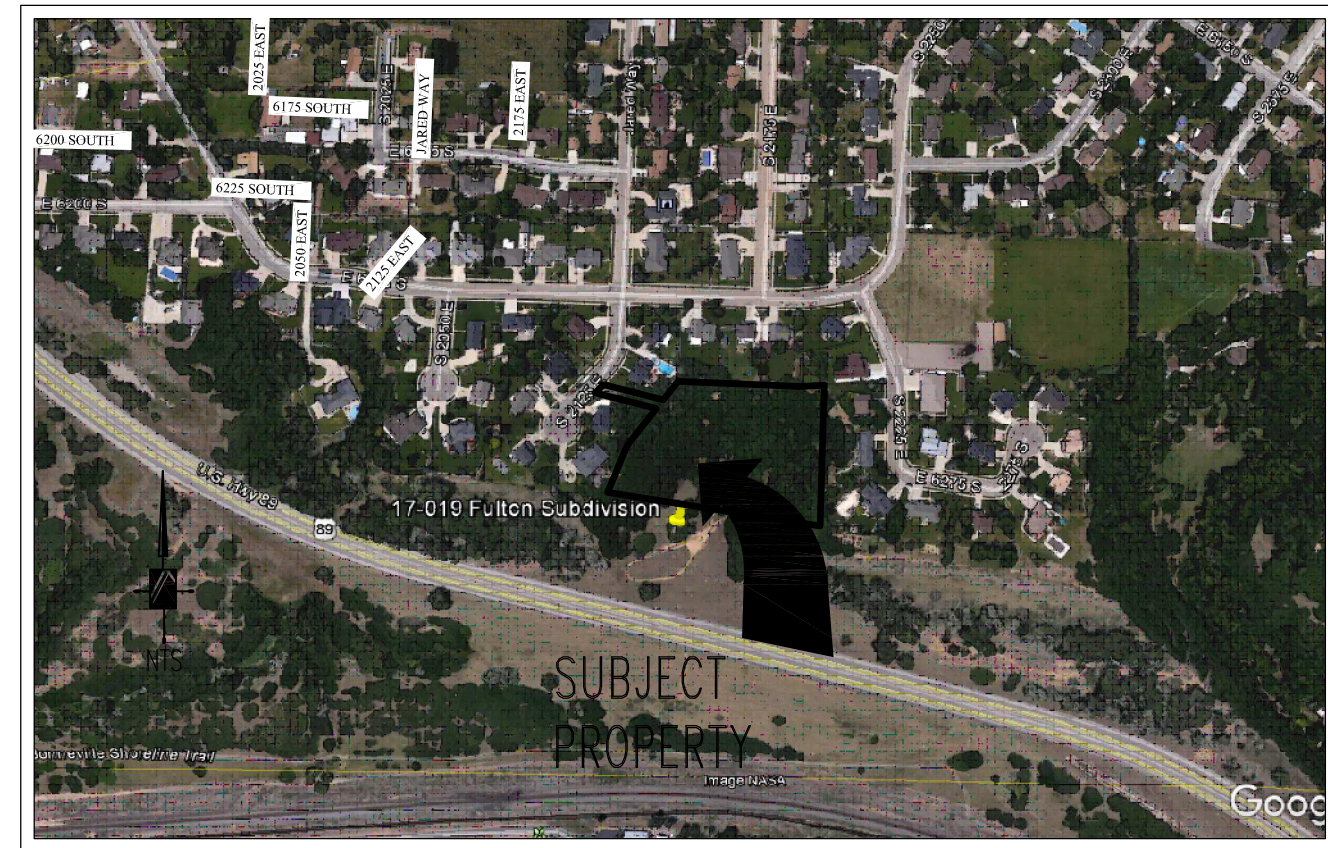


HIDDEN OAK COVE SUBDIVISION

2125 EAST 6260 SOUTH
WEBER COUNTY, UTAH
CURRENT ZONE: RE-15

VICINITY MAP



GENERAL NOTES

- 1) ALL WORK WITHIN THE WEBER COUNTY RIGHT OF WAY SHALL CONFORM TO THE WEBER COUNTY STANDARDS & SPECIFICATIONS AND THE REQUIREMENTS OF THE WEBER COUNTY ENGINEER.
- 2) ALL WORK PERFORMED ON WEBER COUNTY OWNED UTILITIES & CONNECTIONS THERETO SHALL CONFORM TO THE WEBER COUNTY STANDARDS & SPECIFICATIONS.
- 3) CONTRACTOR SHALL OBTAIN AND REVIEW A COPY OF ALL OF THE ABOVE MENTIONED STANDARDS AND SPECIFICATIONS.
- 4) THESE PLANS CALL FOR BUT ARE NOT DESIGN DRAWINGS FOR THE RELOCATION, AND/OR REMOVAL OF EXISTING DRY UTILITIES INFRASTRUCTURE. DESIGN DRAWINGS FOR SAID RELOCATIONS AND REMOVALS SHALL BE BY OTHERS.
- 5) CALL BLUE STAKES 48 HOURS PRIOR TO DIGGING.
- 6) CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING MANHOLES AND OTHER UTILITIES BEFORE BUILDING OR STAKING ANY UTILITY LINES.
- 7) BENCHMARK IS: SOUTHWEST QUARTER CORNER OF SECTION 23, TOWNSHIP 5 NORTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN = 4583.22. LOCAL BENCHMARK SSMH ELEV. 4830.86.

DEVELOPER DONALD FULTON

BOX 65999
SALT LAKE CITY, UT 84165
TEL: 385-242-4277

ENGINEER / SURVEYOR

PINNACLE
Engineering & Land Surveying, Inc.

327 WEST GORDON AVE. #3 LAYTON, UT 84041 Phone: (801) 773-1910 Fax: (801) 719-6738

UTILITY DISCLAIMER

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND / OR ELEVATIONS OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

NOTICE TO CONTRACTOR

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS OF THE U.S. DEPARTMENT OF LABOR AND THE STATE OF UTAH DEPARTMENT OF INDUSTRIAL RELATIONS CONSTRUCTION SAFETY ORDERS." THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS AND SUBCONTRACTORS COMPLIANCE WITH SAID REGULATIONS AND ORDERS.

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE CIVIL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

TRAFFIC CONTROL & SAFETY NOTES

- TRAFFIC CONTROL PLAN FOR WORK WITHIN WEBER COUNTY RIGHT OF WAY MUST MEET WEBER COUNTY STANDARDS & SPECIFICATIONS
1. BARRICADING AND DETOURING SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE CURRENT STATE OF UTAH DEPARTMENT OF TRANSPORTATION MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES, AND THE CURRENT WEBER COUNTY STANDARD DRAWING, AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO ANY WORK.
 2. NO STREET SHALL BE CLOSED TO TRAFFIC WITHOUT WRITTEN PERMISSION FROM THE COUNTY ENGINEER, EXCEPT WHEN DIRECTED BY LAW ENFORCEMENT OR FIRE OFFICIALS.
 3. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PROVIDE FOR SMOOTH TRAFFIC FLOW AND SAFETY. ACCESS SHALL BE MAINTAINED FOR ALL PROPERTIES ADJACENT TO THE WORK.
 4. DETOURING OPERATIONS FOR A PERIOD OF SIX CONSECUTIVE CALENDAR DAYS, OR MORE, REQUIRE THE INSTALLATION OF TEMPORARY STREET PAVING. A TRAFFIC CONTROL PLAN MUST BE SUBMITTED TO THE COUNTY ENGINEER FOR REVIEW AND APPROVAL.
 5. ALL TRAFFIC CONTROL DEVICES AND STRIPING SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE END OF THE WORK TO THE SATISFACTION OF THE CITY TRAFFIC ENGINEER.
 6. TRAFFIC CONTROL DEVICES (TCDs) SHALL REMAIN VISIBLE AND OPERATIONAL AT ALL TIMES.

GOVERNING AGENCIES

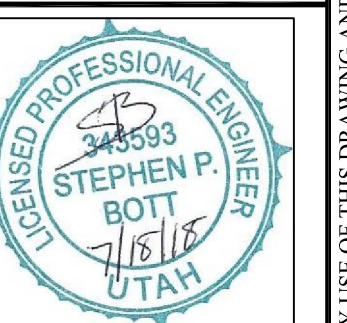
<p>COUNTY WEBER COUNTY 2380 WASHINGTON BLVD #240, OGDEN, UT 84401 PHONE: 801-399-8791</p>	<p>TRANSPORTATION WEBER COUNTY 2380 WASHINGTON BLVD #240, OGDEN, UT 84401 PHONE: 801-399-8374 FAX: 801-399-8862</p>	<p>FIRE INSPECTION WEBER COUNTY FIRE DISTRICT 2023 WEST 1300 NORTH OGDEN, UT 84404 PHONE: 801-782-3580</p>
<p>SEWER UINTAH HIGHLANDS IMPROVEMENT DISTRICT 2401 E 6175 S OGDEN, UT 84403 PHONE: 801-476-0945</p>	<p>STORM DRAIN WEBER COUNTY 2380 WASHINGTON BLVD #240, OGDEN, UT 84401 PHONE: 801-399-8374 FAX: 801-399-8862</p>	<p>CULINARY WATER UINTAH HIGHLANDS IMPROVEMENT DISTRICT 2401 E 6175 S OGDEN, UT 84403 PHONE: 801-476-0945</p>
<p>SECONDARY WATER WEBER BASIN WATER CONSERVANCY DISTRICT 2837 EAST HIGHWAY 193 LAYTON, UT 84040 PHONE: 801-771-1677</p>	<p>POWER ROCKY MOUNTAIN POWER 1407 W NORTH TEMPLE SALT LAKE CITY, UT 84116 ED ZIEBER 801-543-3017</p>	<p>NATURAL GAS DOMINION ENERGY 180 EAST 100 SOUTH SALT LAKE CITY, UT 84145 MIKE DAVIS 801-395-6806</p>
<p>TELEPHONE QWEST CORPORATION 1425 WEST 3100 SOUTH SALT LAKE CITY, UT 84119 GARY WEAVER: 801-626-5380</p>	<p>CABLE COMCAST CABLE CORPORATION 9602 SOUTH 300 WEST SANDY, UT 84070 PHONE: 885-782-1061</p>	

DRAWING INDEX

- 1 COVER SHEET
- 2 NOTES & ABBREVIATIONS
- 3 CONSTRUCTION DETAILS A
- 4 CONSTRUCTION DETAILS B
- 5 BOUNDARY, TOPOGRAPHIC AND UTILITY SURVEY
- 6 SUBDIVISION PLAT
- 7 UTILITY PLAN & PROFILE STA 0+00 TO 3+00
- 8 UTILITY PLAN & PROFILE STA 3+00 TO 6+00
- 9 STORM DRAIN PLAN & PROFILE STA 0+00 TO 3+00
- 10 GRADING PLAN
- 11 STORM WATER POLLUTION PREVENTION PLAN
- 12 CROSS-SECTIONS A
- 13 CROSS-SECTIONS B
- 14 CROSS-SECTIONS C
- 15 CROSS-SECTIONS D

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HIDDEN OAK COVE SUBDIVISION
FOR: SOMERSET LANDS LLC
6260 SOUTH 2125 EAST
OGDEN, UTAH
PROJECT #17-019

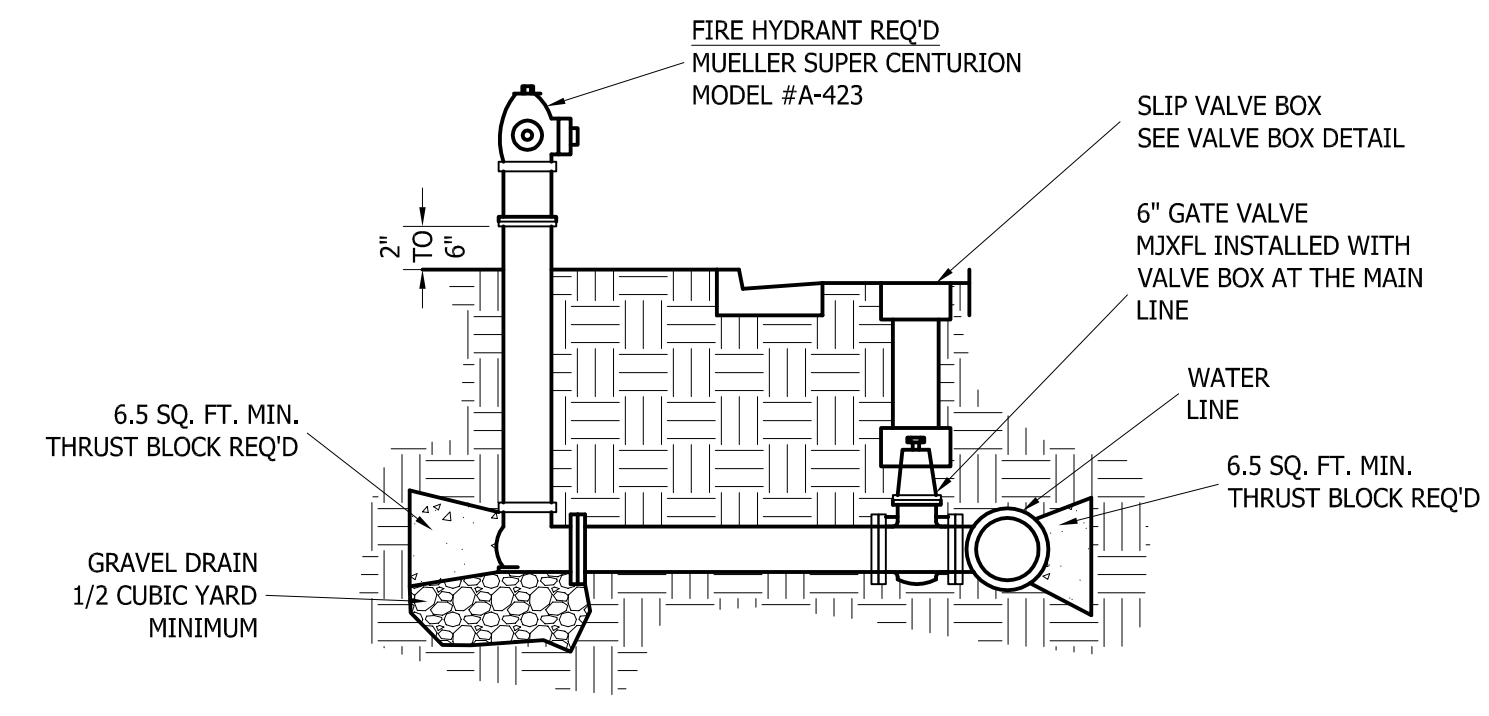


BY	DATE	REVISION

SURVEYED BY BB	06-2017
DESIGNED BY SPB	03/21/18
DRAWN BY SPB	07/18/18
APPROVED BY SJT	

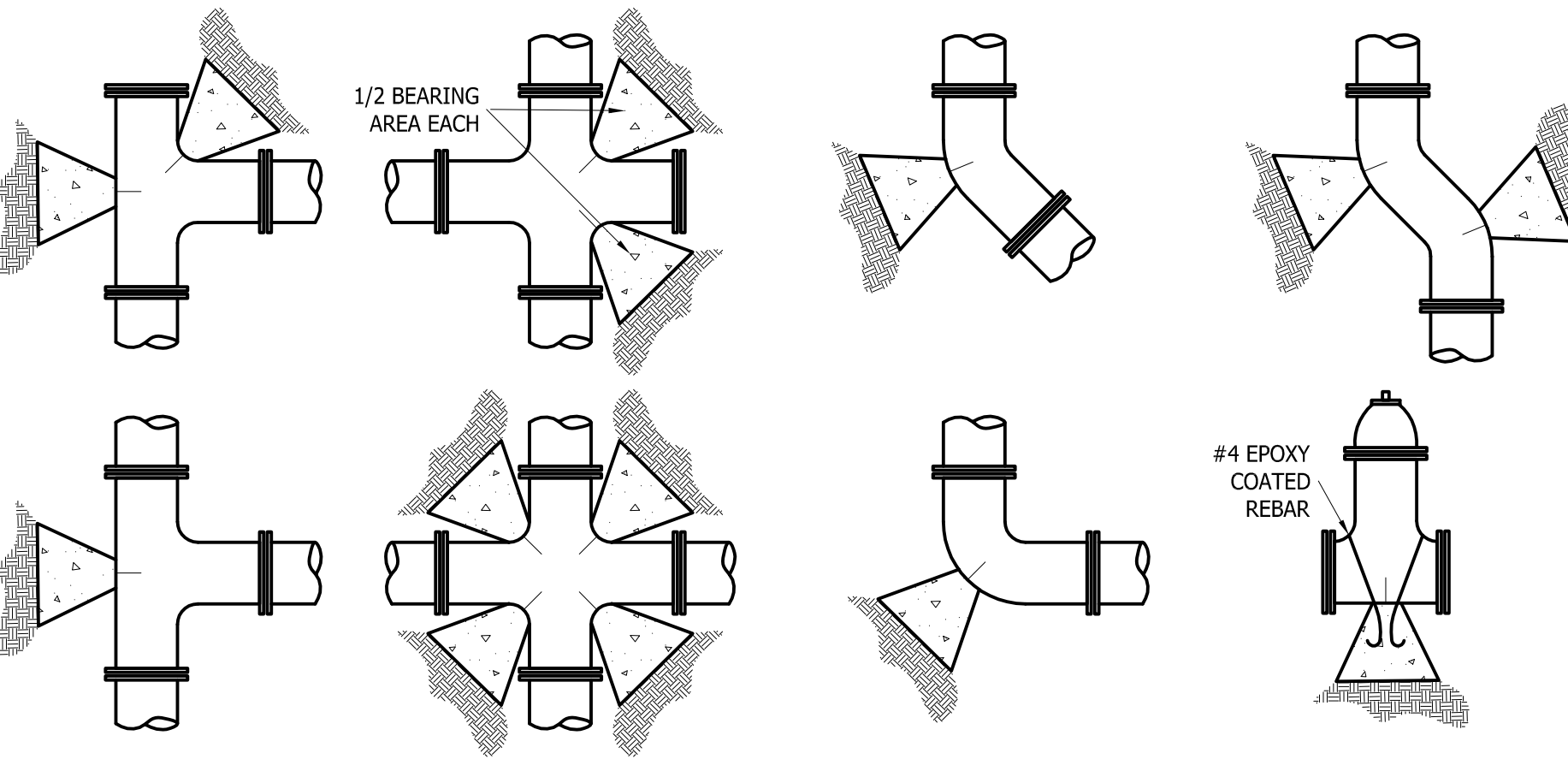
CALL BLUESTAKES
1-800-662-4111
AT LEAST
48 HOURS
BEFORE
DIGGING

SHEET
1



A **TYPICAL FIRE HYDRANT INSTALLATION**
SEE UTAH HIGHLANDS IMPROVEMENT DISTRICT STANDARDS & SPECIFICATIONS ADDITIONAL INFORMATION N.T.S.

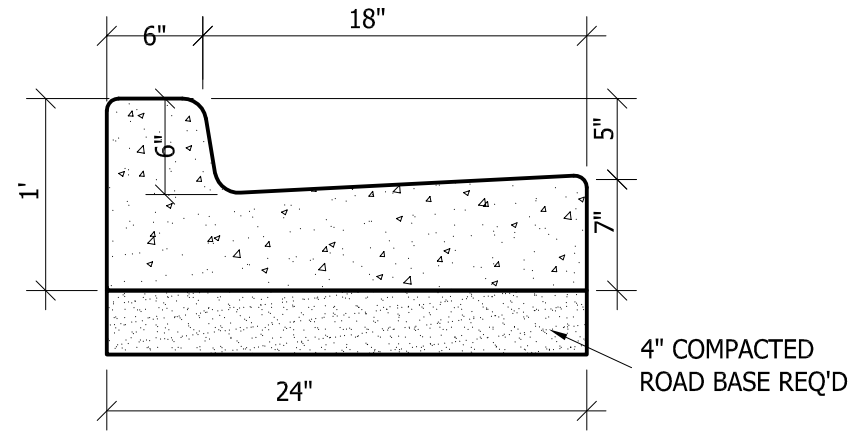
- HYDRANT FLUSHING NOTES**
- 1) WHEN FLUSHING THE HYDRANT, BE SURE THAT NO VEHICLES, PEDESTRIANS OR OTHER SIMILAR OBSTACLES ARE IN THE WAY.
 - 2) OPEN THE STEAMER FITTING FACING THE STREET.
 - 3) TURN THE TOP NUT TO OPEN THE HYDRANT.
 - 4) LET THE HYDRANT FLOW FOR AT LEAST 2 MINUTES.
 - 5) TURN THE TOP NUT TO CLOSE THE HYDRANT. TURN SLOWLY TO AVOID WATER HAMMER. BE SURE THAT THE VALVE HAS SEATED PROPERLY.
 - 6) CLOSE THE STEAMER FITTING HAND-TIGHT ONLY.
 - 7) USE A DIFFUSER TO DISSIPATE CHLORINE



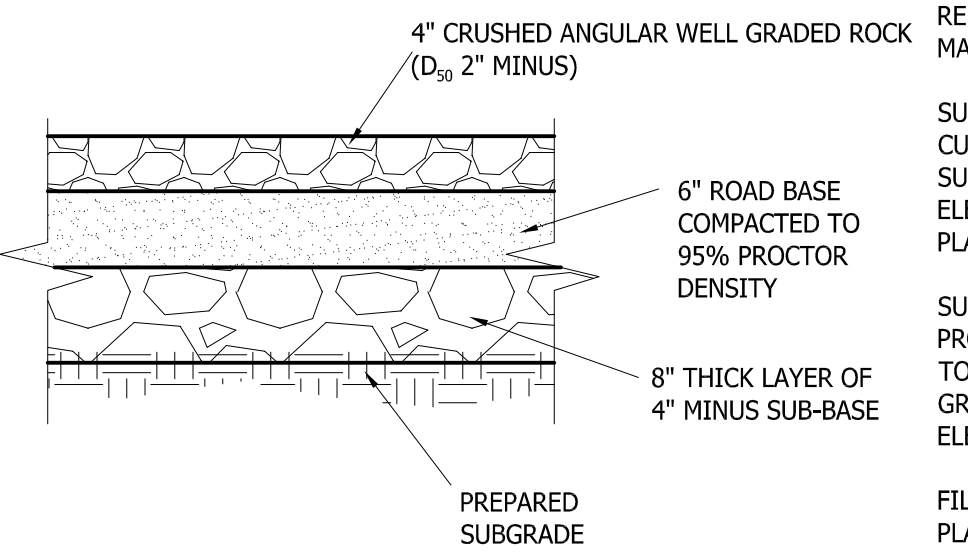
THRUST BLOCK SIZING

IN SQ. FT.						
LARGEST PIPE DIAM.	TEES, VALVES & DEAD ENDS	90° BENDS	45° BENDS	22.5° BENDS	11.25° BENDS	
4"	2	3	2	2	2	
6"	4	5.5	3	1.5	1	
8"	6.5	9.5	5	2.75	1.5	
10"	14	20	11	5.5	3	
12"	19	26.5	14.5	7.5	4	
16"	21	64	18.5	9.5	6	
20"	27	52	28.5	14.5	9	
24"	53	74	41	21	13.5	
30"	81	114	62	32	21	

B **TYPICAL THRUST BLOCK DETAIL**
SEE UTAH HIGHLANDS IMPROVEMENT DISTRICT STANDARDS & SPECIFICATIONS ADDITIONAL INFORMATION N.T.S.

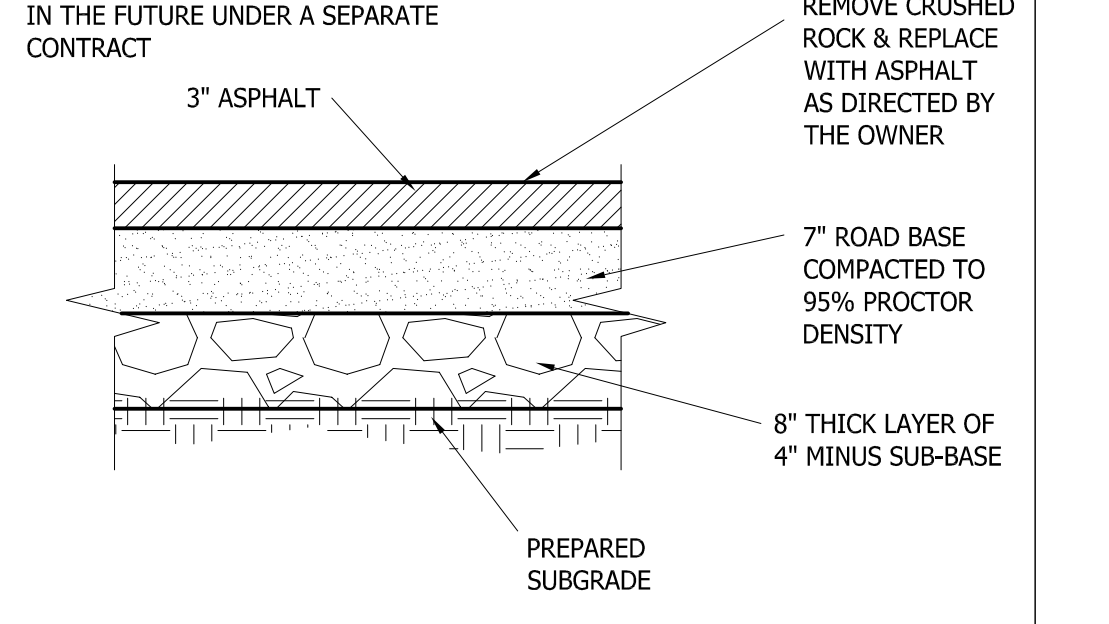


C **24\"/>**

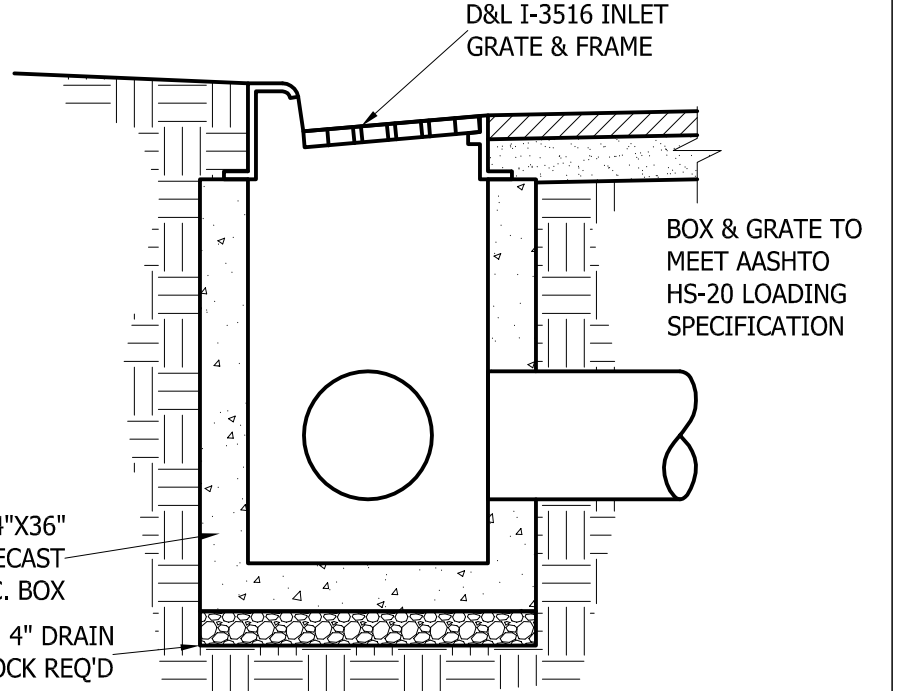


D **ROAD X-SECTION**
PRIVATE SITE ONLY SEE WEBER COUNTY STANDARDS & SPECIFICATIONS FOR WORK WITHIN THE WEBER COUNTY RIGHT-OF-WAY N.T.S.

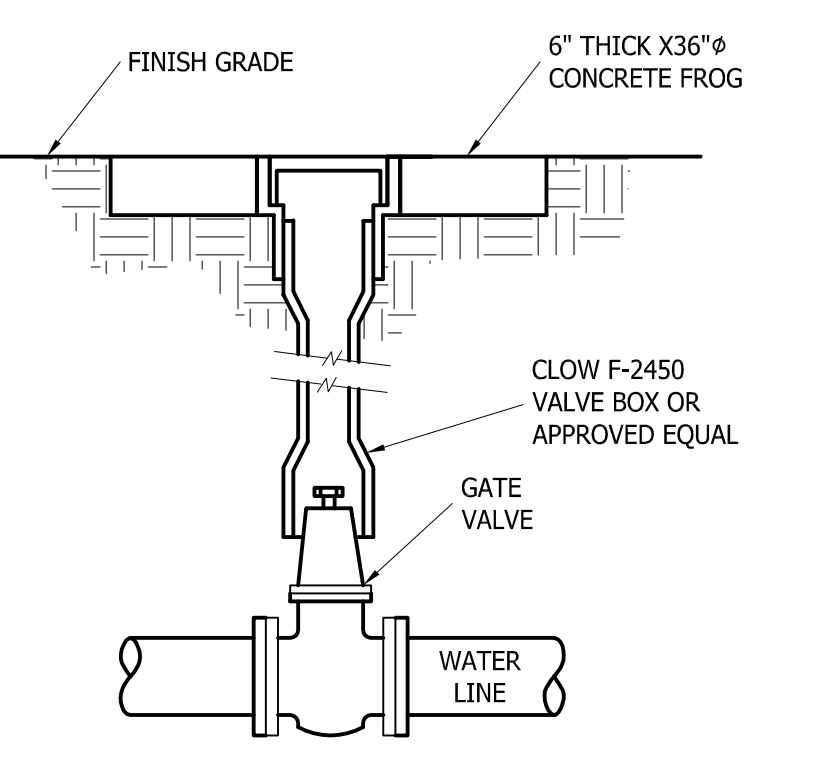
- DISTURBED SUBGRADE:**
REMOVE ANY NON-GRANULAR OR DELETERIOUS MATERIALS & REPLACE WITH GRANULAR FILL.
- SUBGRADE CUT:**
CUT SUBGRADE AS NECESSARY TO BRING UNDISTURBED SURFACE DOWN TO REQ'D ELEVATION. PROOF ROLL EXISTING MATERIAL PRIOR TO PLACING ROAD BASE.
- SUBGRADE FILL:**
PROOF ROLL EXISTING UNDISTURBED MATERIAL PRIOR TO PLACING FILL. FILL & COMPACT AS NECESSARY WITH GRANULAR MATERIALS TO BRING SURFACE TO REQ'D ELEVATION.
- FILL COMPACTION:**
PLACE & COMPACT GRANULAR MATERIAL TO 95% PROCTOR DENSITY IN 8" LIFTS.



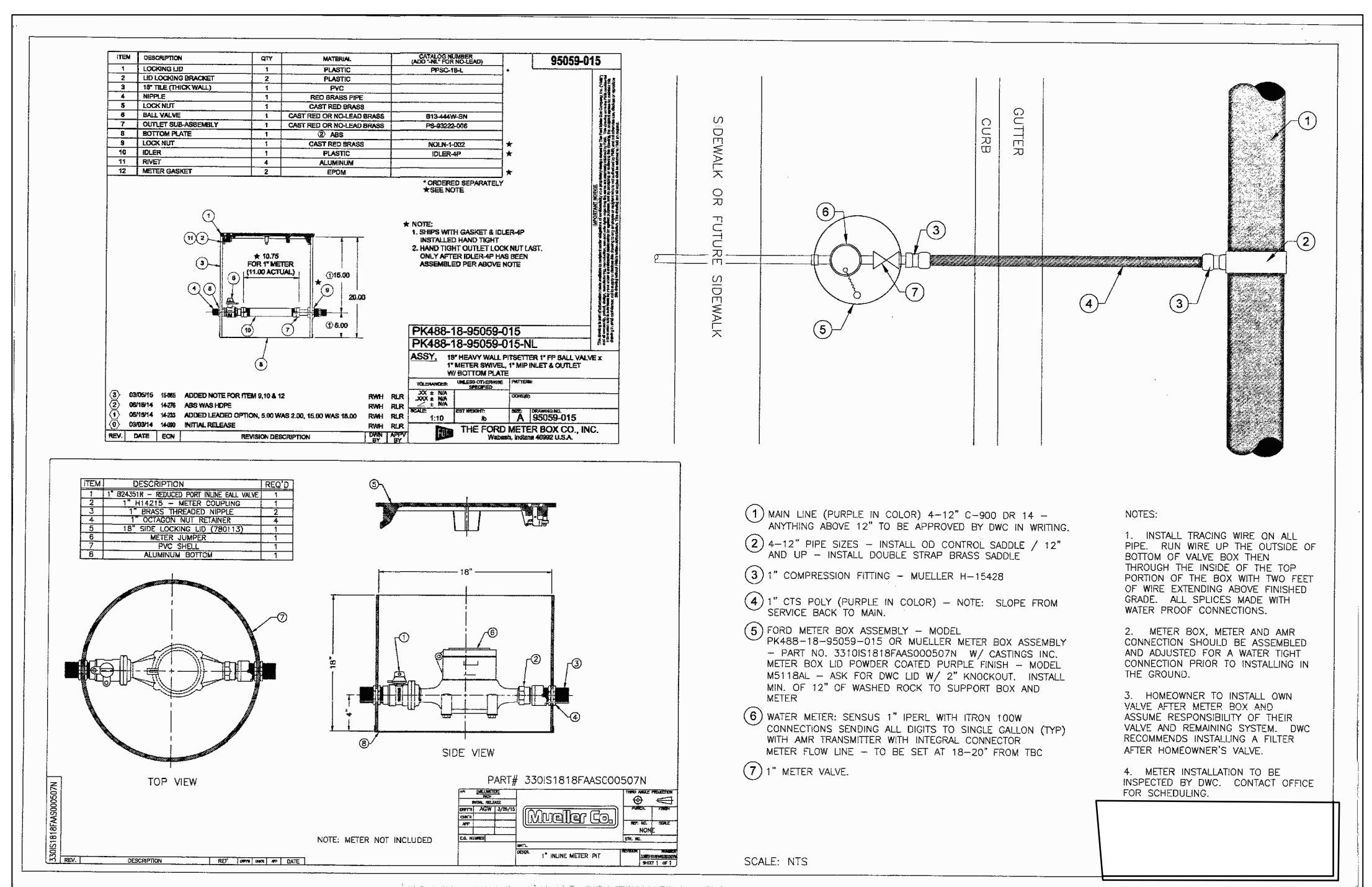
D1 **ROAD X-SECTION**
PRIVATE SITE ONLY SEE WEBER COUNTY STANDARDS & SPECIFICATIONS FOR WORK WITHIN THE WEBER COUNTY RIGHT-OF-WAY N.T.S.



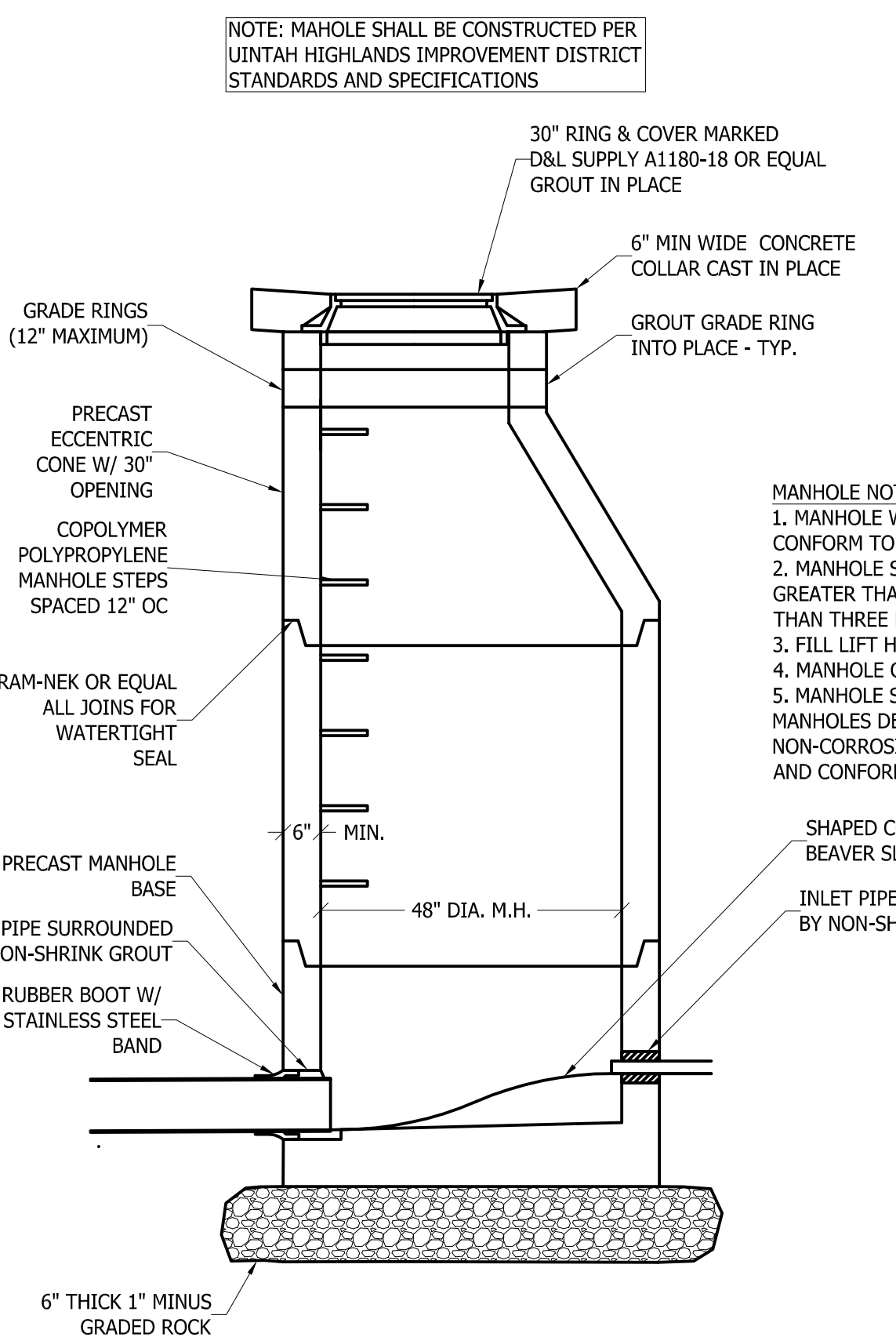
E **STORM DRAIN CATCH BASIN**
PRIVATE SITE ONLY SEE WEBER COUNTY STANDARDS & SPECIFICATIONS FOR WORK WITHIN THE WEBER COUNTY RIGHT-OF-WAY N.T.S.



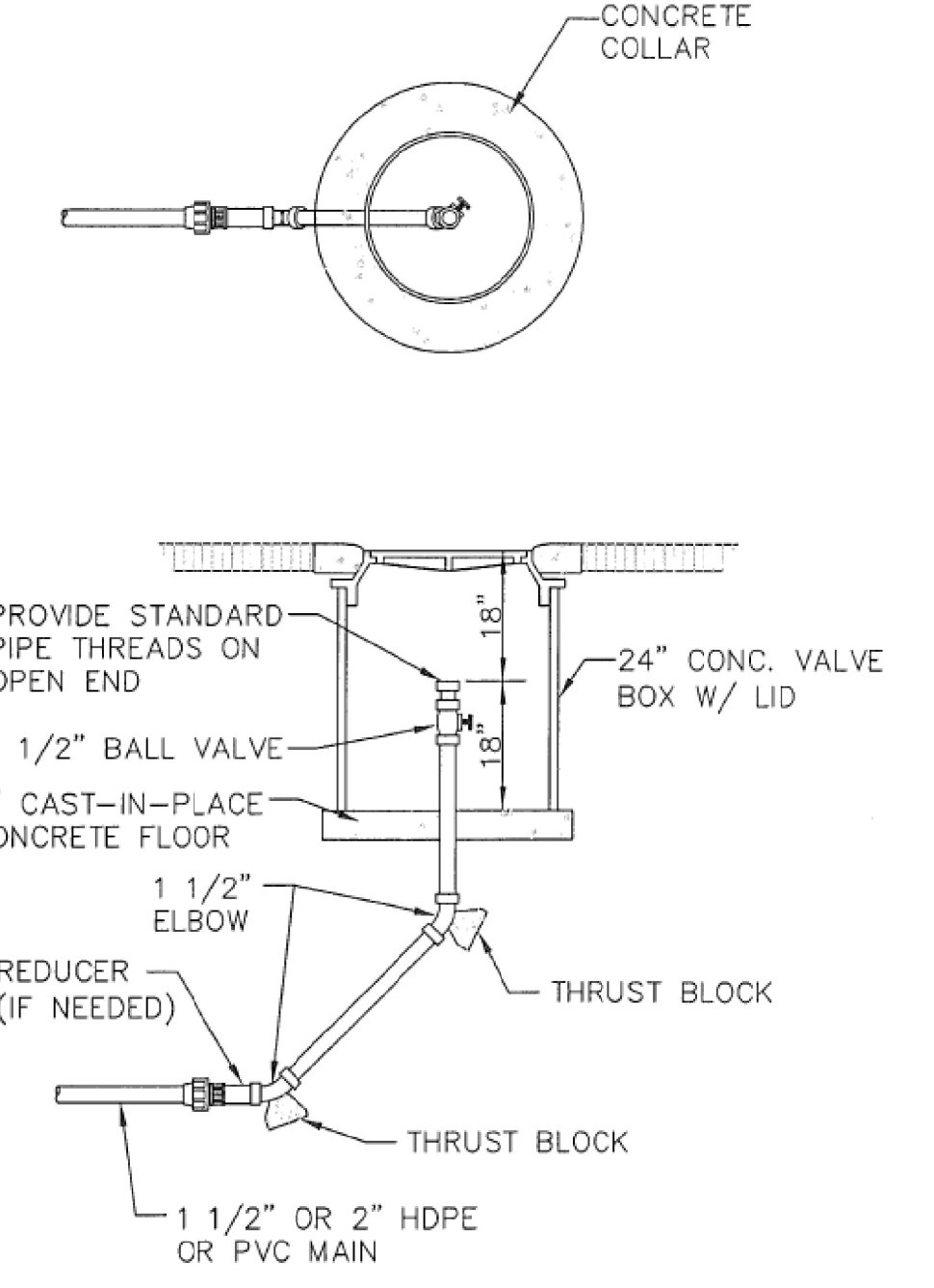
F **TYPICAL VALVE BOX**
SEE UTAH HIGHLANDS IMPROVEMENT DISTRICT STANDARDS & SPECIFICATIONS ADDITIONAL INFORMATION - N.T.S.



G **SCHEMATIC SINGLE SECONDARY WATER SERVICE**
N.T.S.



H **SANITARY SEWER MANHOLE**
SEE UTAH HIGHLANDS IMPROVEMENT DISTRICT STANDARDS & SPECIFICATIONS



J **LOW PRESSURE SANITARY SEWER CLEANOUT**
PRIVATE SITE ONLY SEE WEBER COUNTY STANDARDS & SPECIFICATIONS FOR WORK WITHIN THE WEBER COUNTY RIGHT-OF-WAY TYPICAL, N.T.S.

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HIDDEN OAK COVE SUBDIVISION
CONSTRUCTION DETAILS A
FOR: SOMERSET LANDS LLC
6260 SOUTH 2125 EAST
OGDEN, UTAH
PROJECT #17-019

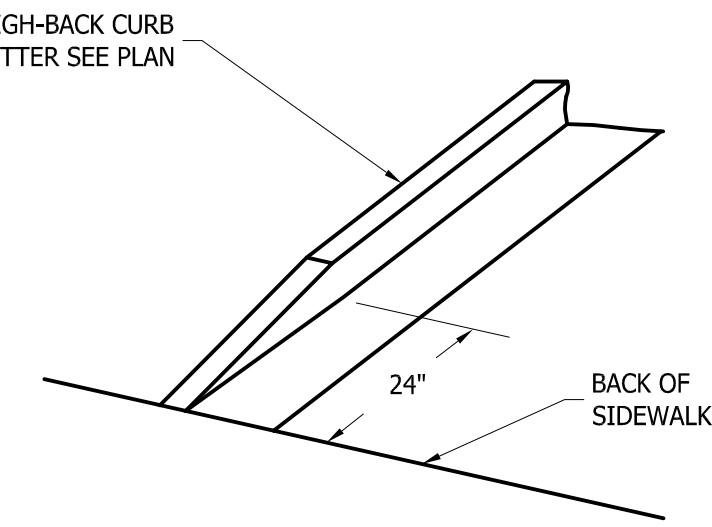
LICENSED PROFESSIONAL ENGINEER
24593
STEPHEN P. BOETT
1/15/16
UTAH

DATE	BY	REVISION

1-800-662-4111
AT LEAST 48 HOURS BEFORE DIGGING
SHEET 3

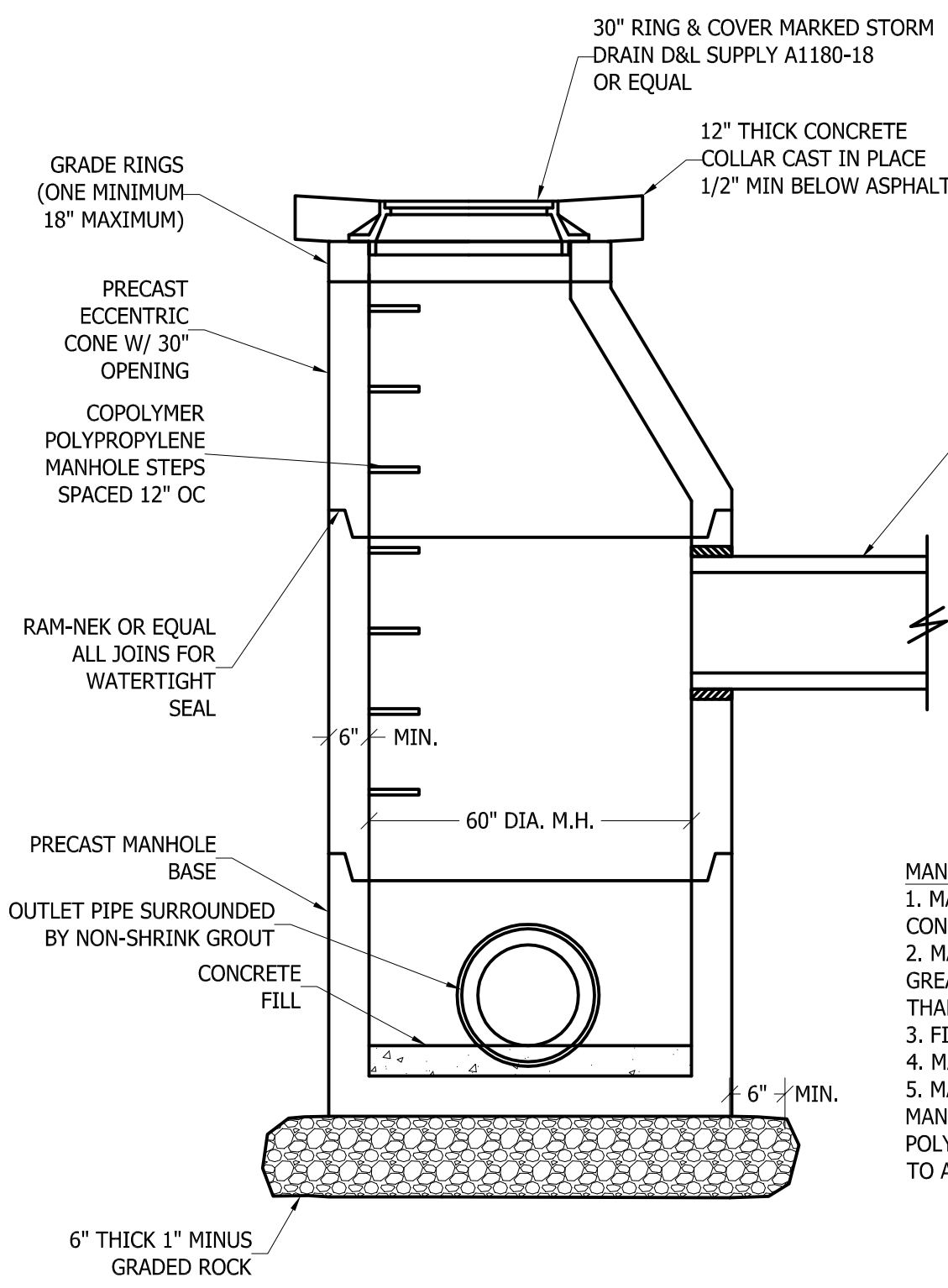
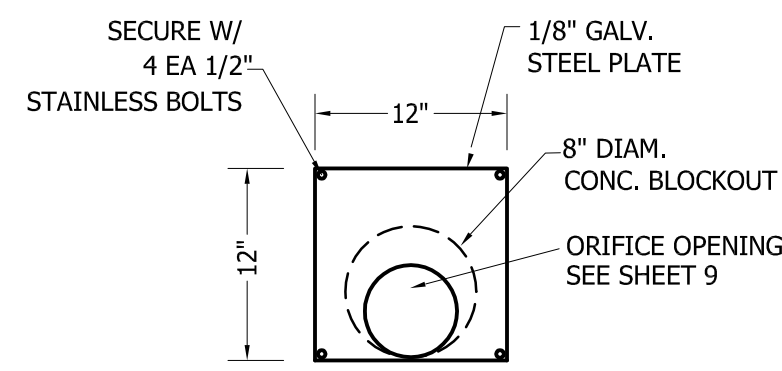
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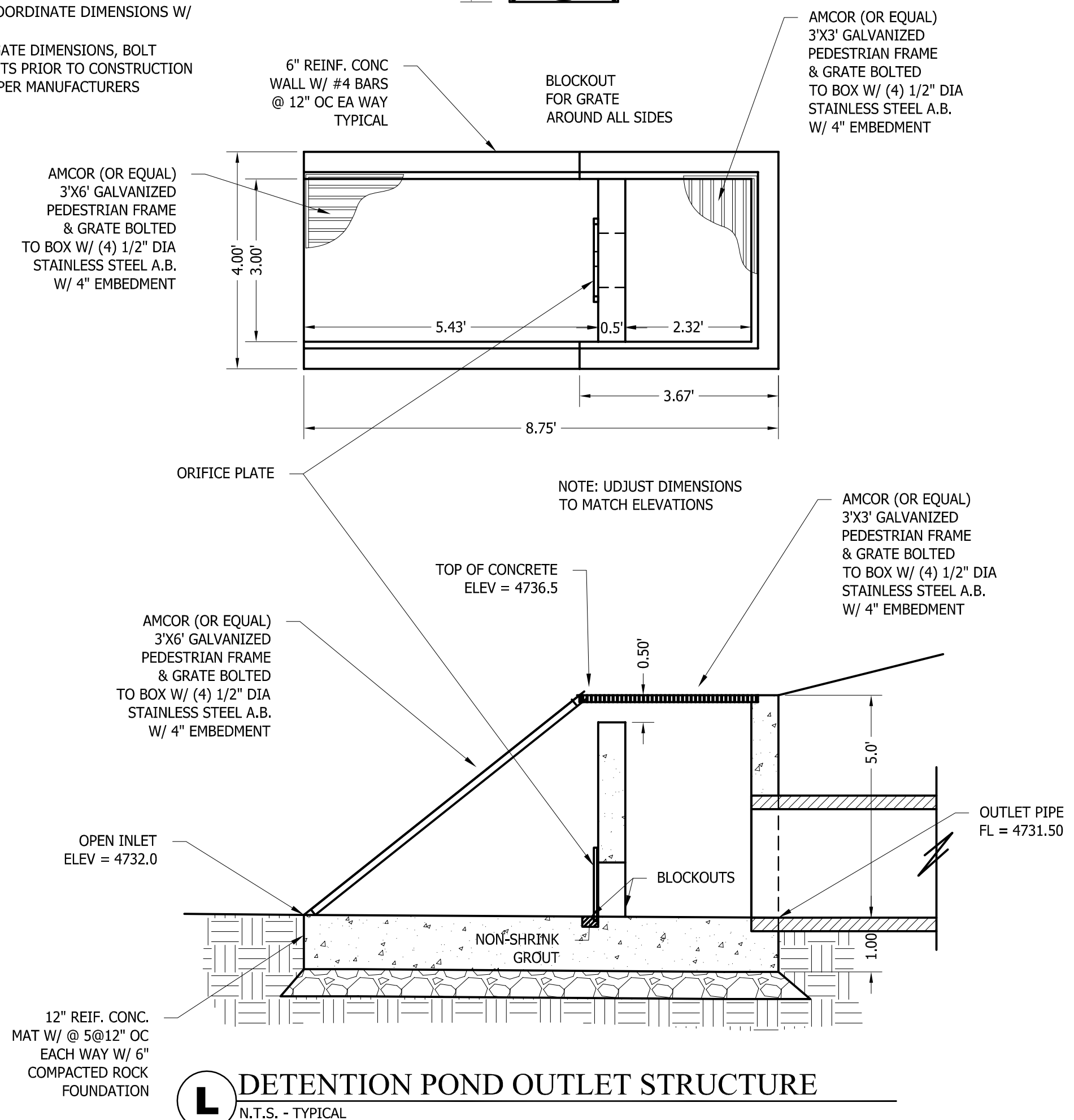
TAPER CURB & GUTTER TO SIDEWALK
 PRIVATE IMPROVEMENTS ONLY
 N.T.S.

- NOTES:**
- #4 REBAR @ 12" O.C. BOTH WAYS ALL AROUND.
 - #5 REBAR RING W/ 3" CLEARANCE AROUND ALL PIPE OPENINGS.
 - REBAR 2" MIN. CLEARANCE ALL AROUND.
 - GALVANIZED STEEL GRATE TO BE SECURED TO HEAD WALL WITH 1/2" STAINLESS STEEL BOLTS
 - BLOCKOUT GROOVE FOR GRATES AROUND ALL TOP INSIDE CORNERS - COORDINATE DIMENSIONS W/ STEEL FABRICATOR
 - COORDINATE CANAL GATE DIMENSIONS, BOLT PATTERNS & BLOCKOUTS PRIOR TO CONSTRUCTION. INSTALL CANAL GATE PER MANUFACTURERS RECOMMENDATIONS.

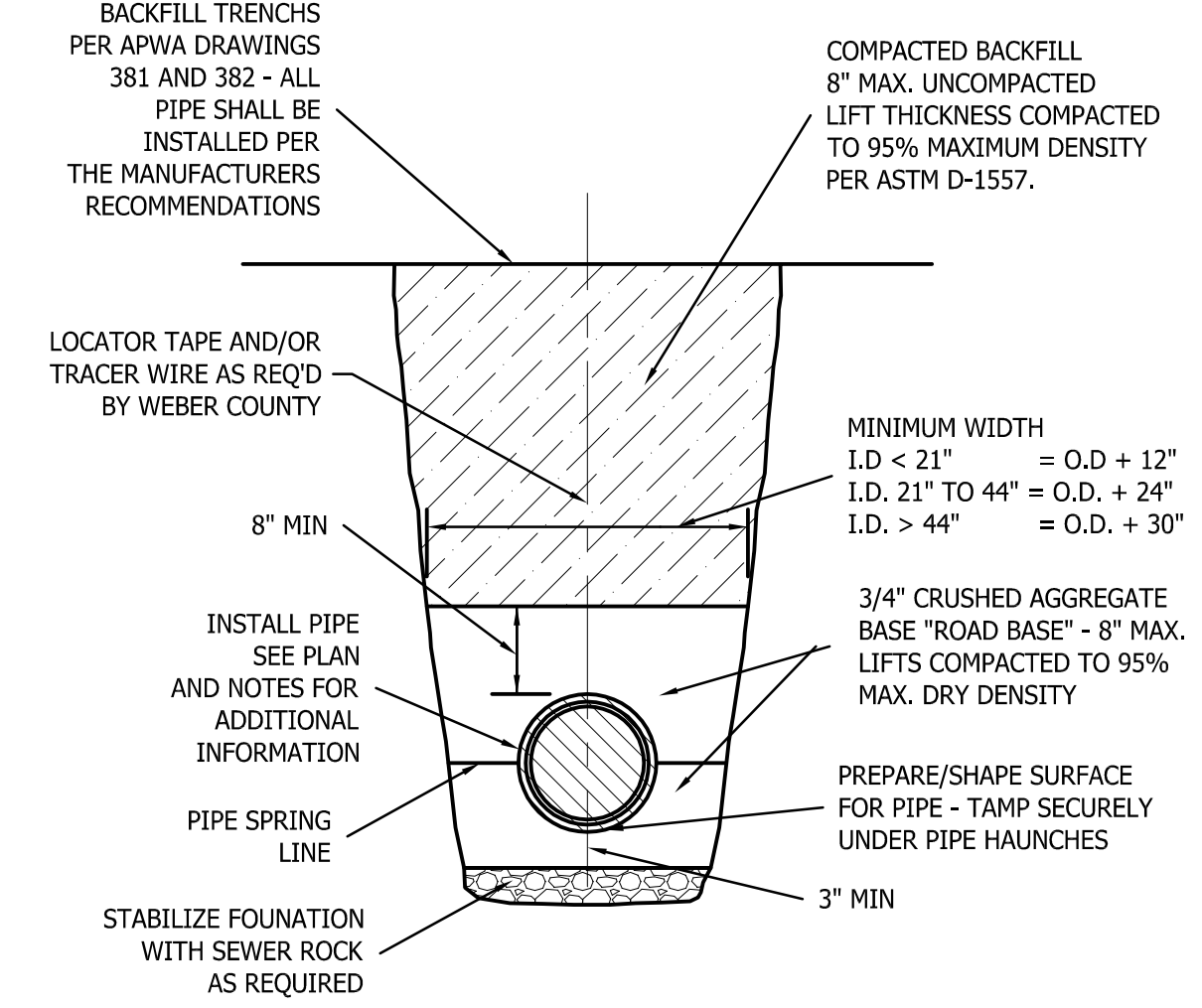


K STORM DRAIN MANHOLE
 N.T.S.

- MANHOLE NOTES**
- MANHOLE WALL AND CONE SECTION SHALL CONFORM TO ASTM C-478.
 - MANHOLE SHALL BE 5' DIAMETER IF MAIN IS GREATER THAN 12" IN DIAMETER OR IF MORE THAN THREE PIPES CONNECT TO THE MANHOLE.
 - FILL LIFT HOLES WITH NON-SHRINK GROUT.
 - MANHOLE CONE SHALL BE ECCENTRIC.
 - MANHOLE STEPS SHALL BE 12" OC IN MANHOLES. STEPS SHALL BE NON-CORROSIVE POLYPROPYLENE COATED STEEL AND CONFORM TO ASTM C-478.



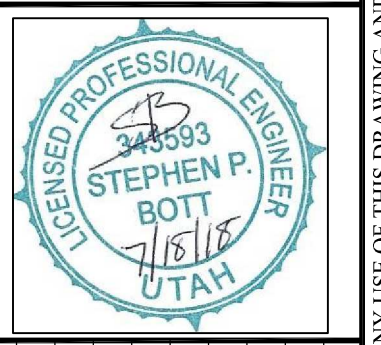
L DETENTION POND OUTLET STRUCTURE
 N.T.S. - TYPICAL



N TYPICAL TRENCH DETAIL
 N.T.S.

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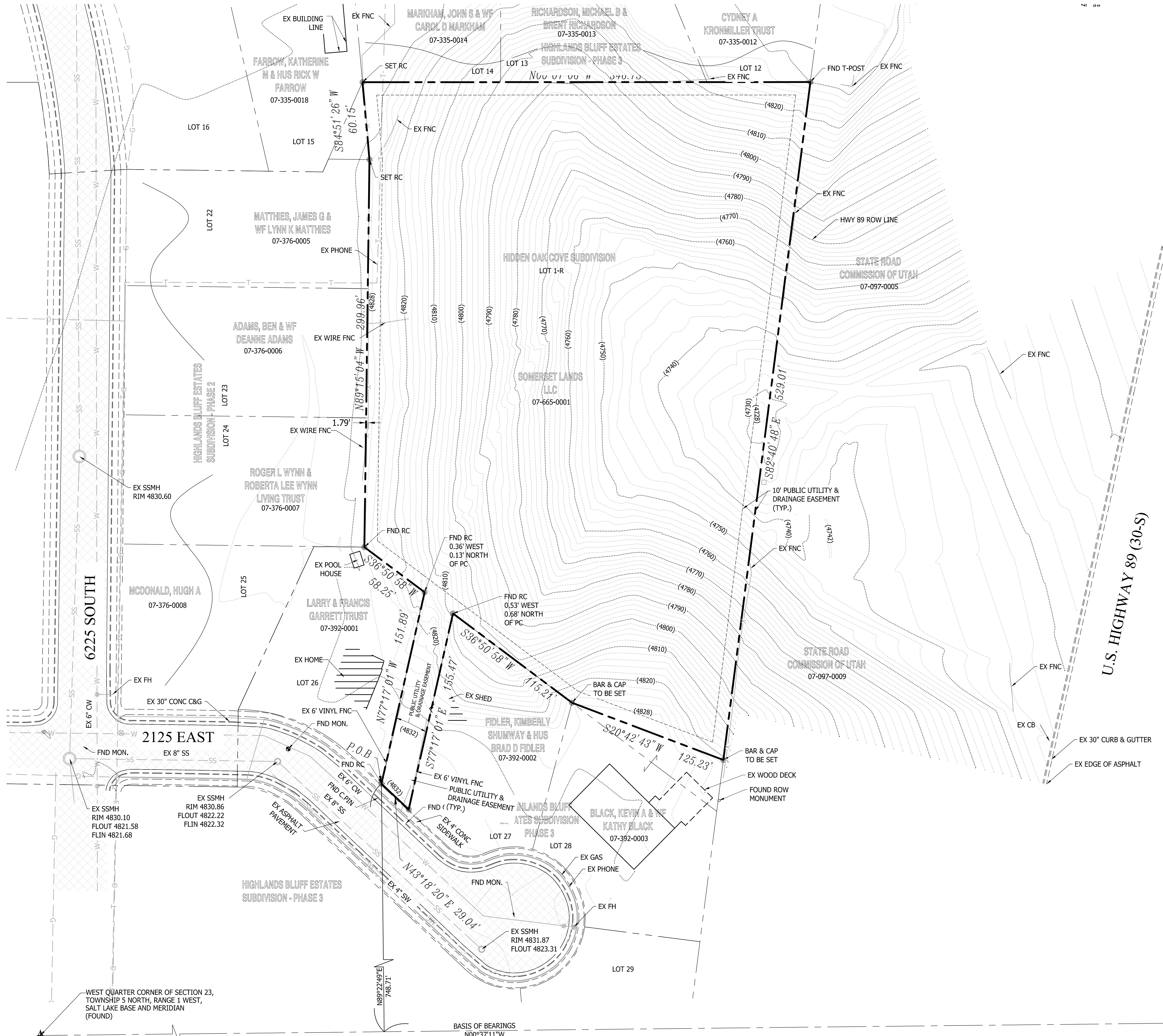
HIDDEN OAK COVE SUBDIVISION
 CONSTRUCTION DETAILS B
 FOR: SOMERSET LANDS LLC
 6260 SOUTH 2125 EAST
 OGDEN, UTAH
 PROJECT #17-019



BY	DATE	REVISION

CALL BLUESTAKES
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SURVEYOR'S CERTIFICATE

I, STEPHEN J. FACKRELL DO HEREBY DEPOSE THAT I AM A PROFESSIONAL LAND SURVEYOR AND THAT I HOLD CERTIFICATE NO. 191517 AS PRESCRIBED BY THE LAWS OF THE STATE OF UTAH AND REPRESENT THAT I HAVE MADE A SURVEY OF THE FOLLOWING DESCRIBED PROPERTY

STEPHEN J. FACKRELL DATE
 LICENSE NO. 191517

BOUNDARY DESCRIPTION

PART OF THE SOUTHWEST QUARTER OF SECTION 23, TOWNSHIP 5 NORTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN, U.S. SURVEY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF LOT 26, HIGHLANDS BLUFF ESTATES SUBDIVISION - PHASE 3, SAID POINT BEING NORTH 00°37'11" WEST ALONG THE WEST SECTION LINE OF SAID SECTION 23 915.16 FEET AND NORTH 89°22'49" EAST 748.71 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 23; THENCE ALONG THE BOUNDARY OF SAID SUBDIVISION THE FOLLOWING TWO (2) COURSES: (1) SOUTH 77°17'01" EAST 151.89 FEET, AND (2) NORTH 36°50'58" EAST 58.25 FEET TO THE BOUNDARY OF HIGHLANDS BLUFF ESTATES SUBDIVISION - PHASE 2; THENCE SOUTH 89°15'04" EAST ALONG SAID BOUNDARY 299.96 FEET; THENCE NORTH 84°51'26" EAST 60.15 FEET TO THE BOUNDARY OF HIGHLANDS BLUFF ESTATES SUBDIVISION - PHASE 1; THENCE SOUTH 00°01'06" EAST ALONG SAID BOUNDARY 346.73 FEET TO THE NORTHERLY RIGHT-OF-WAY LINE OF U.S. HIGHWAY 89 (30-S); THENCE NORTH 82°40'48" WEST ALONG SAID NORTHERLY LINE 529.01 FEET; THENCE NORTH 20°42'43" EAST 125.23 FEET TO SAID BOUNDARY OF HIGHLANDS BLUFF ESTATES SUBDIVISION - PHASE 3; THENCE ALONG SAID BOUNDARY THE FOLLOWING THREE (3) COURSES: (1) NORTH 36°50'58" EAST 115.21 FEET, (2) NORTH 77°17'01" WEST 155.47 FEET, AND (3) NORTH 43°18'20" EAST 29.04 FEET TO THE POINT OF BEGINNING.

CONTAINS: 3.38 ACRES

NARRATIVE

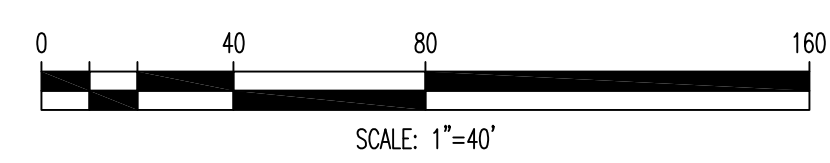
THE PURPOSE OF THIS SURVEY IS TO RETRACE THE BOUNDARY OF THE HERON DESCRIBED PARCEL PRIOR TO DEVELOPMENT.

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE UTAH COORDINATE SYSTEM, DETERMINED LOCALLY BY THE WEBER COUNTY RECORDS ALONG THE SECTION LINE BETWEEN THE SOUTHWEST CORNER AND THE WEST QUARTER CORNER OF SECTION 23, TOWNSHIP 5 NORTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN, U.S. SURVEY, SHOWN HEREON AS NORTH 00°37'11" WEST.

THE BOUNDARIES WERE RETRACED AS FOLLOWS: THE BOUNDARIES WERE RETRACED ACCORDING TO HIDDEN COVE SUBDIVISION A PLAT RECORDED AT THE WEBER COUNTY RECORDING OFFICE. THESE BOUNDARY LINES WERE FOUND TO COINCIDE WITH THE ADJACENT RECORDED PROPERTY LINES AND WERE SUBSTANTIATED BY OCCUPATION LINES AND SURVEY MARKERS LOCATED ON THE GROUND.

THE UTILITY INFORMATION SHOWN ON THIS PLAT IS BASED ON ABOVE GROUND STRUCTURES AS OBSERVED BY THE SURVEYOR IN THE FIELD AS WELL AS INFORMATION PROVIDED TO THE SURVEYOR. NO FURTHER INVESTIGATIONS OF EXISTING UTILITIES WERE PERFORMED; THEREFORE THE SURVEYOR IS NOT RESPONSIBLE FOR THE REPRESENTATION OR OMISSION OF SUCH INFORMATION ON THIS SURVEY. CONTACT BLUE STAKES IF ANY DIGGING, EXCAVATION OR CONSTRUCTION IS INTENDED.

INFORMATION OBTAINED BY THE SURVEYOR FOR THE PERFORMANCE OF THIS SURVEY CONSISTED OF OWNERSHIP PLATS, LEGAL DESCRIPTIONS, SUBDIVISION PLATS, RIGHT OF WAY MAP.



SOUTHWEST QUARTER CORNER OF SECTION 23, TOWNSHIP 5 NORTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN (FOUND)

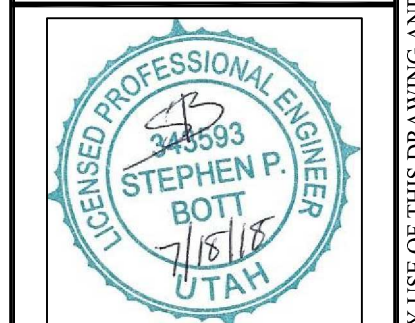
WEST QUARTER CORNER OF SECTION 23, TOWNSHIP 5 NORTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN (FOUND)

BASIS OF BEARINGS
 N00°37'11"W

915.16'

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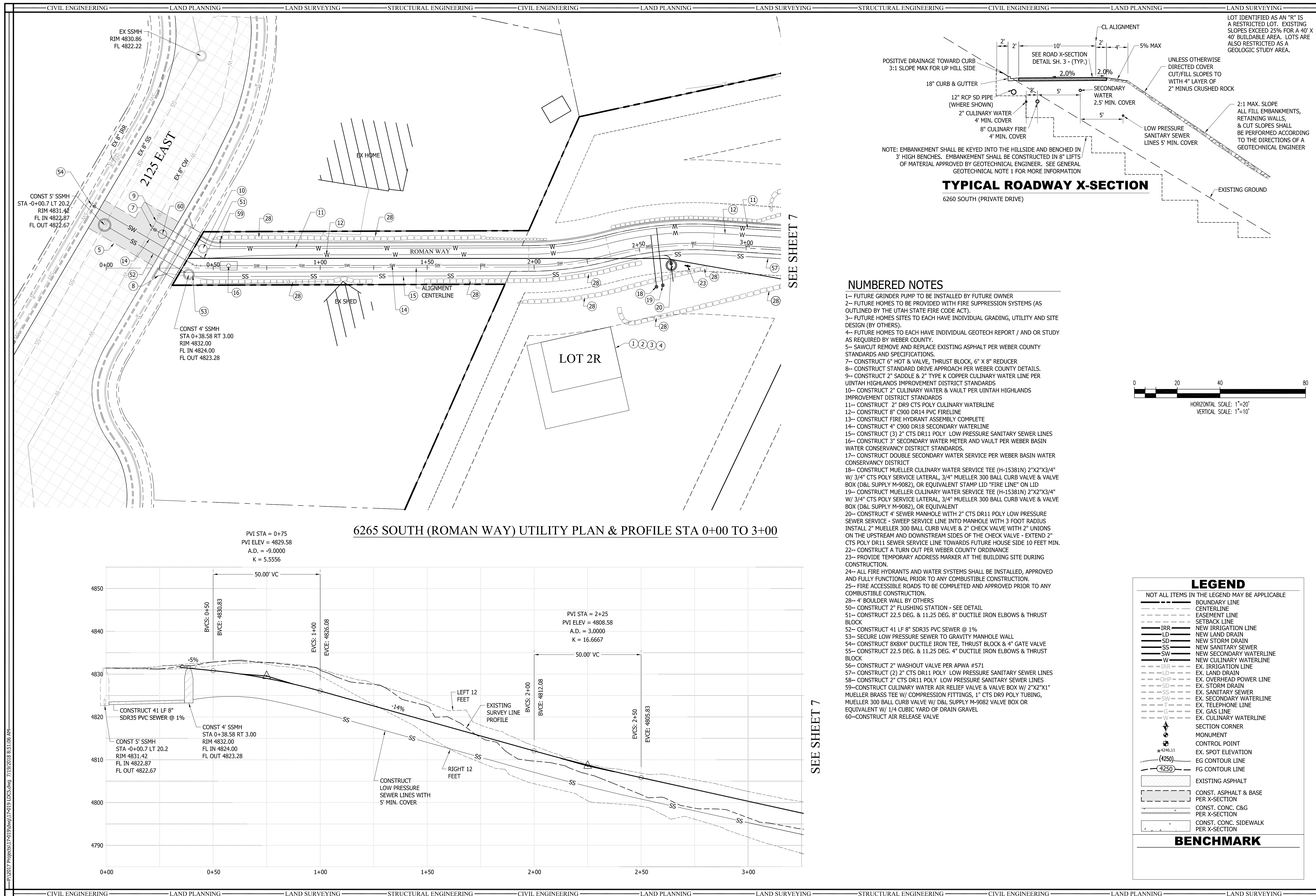
HIDDEN OAK COVE SUBDIVISION
 BOUNDARY, TOPOGRAPHIC AND UTILITY SURVEY
 FOR: SOMERSET LANDS LLC
 6260 SOUTH 2125 EAST
 OGDEN, UTAH
 PROJECT #17-019



BY	DATE	REVISION

CALL BLUESTAKES
 1-800-662-4111
 AT LEAST 48 HOURS BEFORE DIGGING

SHEET
5



- ### NUMBERED NOTES
- 1-- FUTURE GRINDER PUMP TO BE INSTALLED BY FUTURE OWNER
 - 2-- FUTURE HOMES TO BE PROVIDED WITH FIRE SUPPRESSION SYSTEMS (AS OUTLINED BY THE UTAH STATE FIRE CODE ACT).
 - 3-- FUTURE HOMES SITES TO EACH HAVE INDIVIDUAL GRADING, UTILITY AND SITE DESIGN (BY OTHERS).
 - 4-- FUTURE HOMES TO EACH HAVE INDIVIDUAL GEOTECH REPORT / AND OR STUDY AS REQUIRED BY WEBER COUNTY.
 - 5-- SAWCUT REMOVE AND REPLACE EXISTING ASPHALT PER WEBER COUNTY STANDARDS AND SPECIFICATIONS.
 - 7-- CONSTRUCT 6" HOT & VALVE, THRUST BLOCK, 6" X 8" REDUCER
 - 8-- CONSTRUCT STANDARD DRIVE APPROACH PER WEBER COUNTY DETAILS.
 - 9-- CONSTRUCT 2" SADDLE & 2" TYPE K COPPER CULINARY WATER LINE PER UTAH HIGHLANDS IMPROVEMENT DISTRICT STANDARDS
 - 10-- CONSTRUCT 2" CULINARY WATER & VAULT PER UTAH HIGHLANDS IMPROVEMENT DISTRICT STANDARDS
 - 11-- CONSTRUCT 2" DR9 CTS POLY CULINARY WATERLINE
 - 12-- CONSTRUCT 8" C900 DR14 PVC FIRELINE
 - 13-- CONSTRUCT FIRE HYDRANT ASSEMBLY COMPLETE
 - 14-- CONSTRUCT 4" C900 DR18 SECONDARY WATERLINE
 - 15-- CONSTRUCT (3) 2" CTS DR11 POLY LOW PRESSURE SANITARY SEWER LINES
 - 16-- CONSTRUCT 3" SECONDARY WATER METER AND VAULT PER WEBER BASIN WATER CONSERVANCY DISTRICT STANDARDS.
 - 17-- CONSTRUCT DOUBLE SECONDARY WATER SERVICE PER WEBER BASIN WATER CONSERVANCY DISTRICT
 - 18-- CONSTRUCT MUELLER CULINARY WATER SERVICE TEE (H-15381N) 2"x2"x3/4" W/ 3/4" CTS POLY SERVICE LATERAL, 3/4" MUELLER 300 BALL CURB VALVE & VALVE BOX (D&L SUPPLY M-9082), OR EQUIVALENT STAMP LID "FIRE LINE" ON LID
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 - 20-- CONSTRUCT 4" SEWER MANHOLE WITH 2" CTS DR11 POLY LOW PRESSURE SEWER SERVICE - SWEEP SERVICE LINE INTO MANHOLE WITH 3 FOOT RADIUS
 - 21-- MUELLER 300 BALL CURB VALVE & 2" CHECK VALVE WITH 2" UNIONS ON THE UPSTREAM AND DOWNSTREAM SIDES OF THE CHECK VALVE - EXTEND 2" CTS POLY DR11 SEWER SERVICE LINE TOWARDS FUTURE HOUSE SIDE 10 FEET MIN.
 - 22-- CONSTRUCT A TURN OUT PER WEBER COUNTY ORDINANCE
 - 23-- PROVIDE TEMPORARY ADDRESS MARKER AT THE BUILDING SITE DURING CONSTRUCTION.
 - 24-- ALL FIRE HYDRANTS AND WATER SYSTEMS SHALL BE INSTALLED, APPROVED AND FULLY FUNCTIONAL PRIOR TO ANY COMBUSTIBLE CONSTRUCTION.
 - 25-- FIRE ACCESSIBLE ROADS TO BE COMPLETED AND APPROVED PRIOR TO ANY COMBUSTIBLE CONSTRUCTION.
 - 28-- 4' BOULDER WALL BY OTHERS
 - 50-- CONSTRUCT 2" FLUSHING STATION - SEE DETAIL
 - 51-- CONSTRUCT 22.5 DEG. & 11.25 DEG. 8" DUCTILE IRON ELBOWS & THRUST BLOCK
 - 52-- CONSTRUCT 41 LF 8" SDR35 PVC SEWER @ 1%
 - 53-- SECURE LOW PRESSURE SEWER TO GRAVITY MANHOLE WALL
 - 54-- CONSTRUCT 8X8X4" DUCTILE IRON TEE, THRUST BLOCK & 4" GATE VALVE
 - 55-- CONSTRUCT 22.5 DEG. & 11.25 DEG. 4" DUCTILE IRON ELBOWS & THRUST BLOCK
 - 56-- CONSTRUCT 2" WASHOUT VALVE PER APWA #571
 - 57-- CONSTRUCT (2) 2" CTS DR11 POLY LOW PRESSURE SANITARY SEWER LINES
 - 58-- CONSTRUCT 2" CTS DR11 POLY LOW PRESSURE SANITARY SEWER LINES
 - 59-- CONSTRUCT CULINARY WATER AIR RELIEF VALVE & VALVE BOX W/ 2"x2"x1" MUELLER BRASS TEE W/ COMPRESSION FITTINGS, 1" CTS DR9 POLY TUBING, MUELLER 300 BALL CURB VALVE W/ D&L SUPPLY M-9082 VALVE BOX OR EQUIVALENT W/ 1/4 CUBIC YARD OF DRAIN GRAVEL
 - 60-- CONSTRUCT AIR RELEASE VALVE

LEGEND

NOT ALL ITEMS IN THE LEGEND MAY BE APPLICABLE

- BOUNDARY LINE
- CENTERLINE
- EASEMENT LINE
- SETBACK LINE
- IRR - NEW IRRIGATION LINE
- LD - NEW LAND DRAIN
- SD - NEW STORM DRAIN
- SS - NEW SANITARY SEWER
- SW - NEW SECONDARY WATERLINE
- W - NEW CULINARY WATERLINE
- IRR - EX. IRRIGATION LINE
- LD - EX. LAND DRAIN
- OHP - EX. OVERHEAD POWER LINE
- SD - EX. STORM DRAIN
- SS - EX. SANITARY SEWER
- SW - EX. SECONDARY WATERLINE
- W - EX. CULINARY WATERLINE
- T - EX. TELEPHONE LINE
- G - EX. GAS LINE
- W - EX. CULINARY WATERLINE

- SECTION CORNER
- MONUMENT
- CONTROL POINT
- EX. SPOT ELEVATION
- EG CONTOUR LINE
- FG CONTOUR LINE

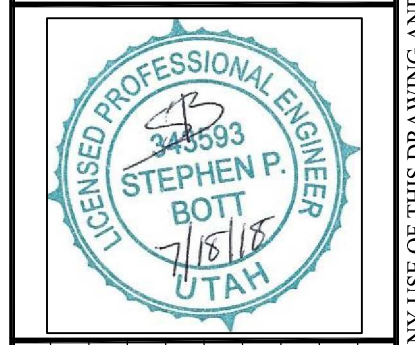
- EXISTING ASPHALT
- CONST. ASPHALT & BASE PER X-SECTION
- CONST. CONC. C&G PER X-SECTION
- CONST. CONC. SIDEWALK PER X-SECTION

BENCHMARK

PINNACLE

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HIDDEN OAK COVE SUBDIVISION
 UTILITY PLAN & PROFILE STA 0+00 TO 3+00
 FOR: SOMERSET LANDS LLC
 6260 SOUTH 2125 EAST
 OGDEN, UTAH
 PROJECT # 17-019



DATE	REVISION
06-2017	BB
03/21/18	SPB
07/18/18	SPB

CALL BLUESTAKES
 1-800-662-4111

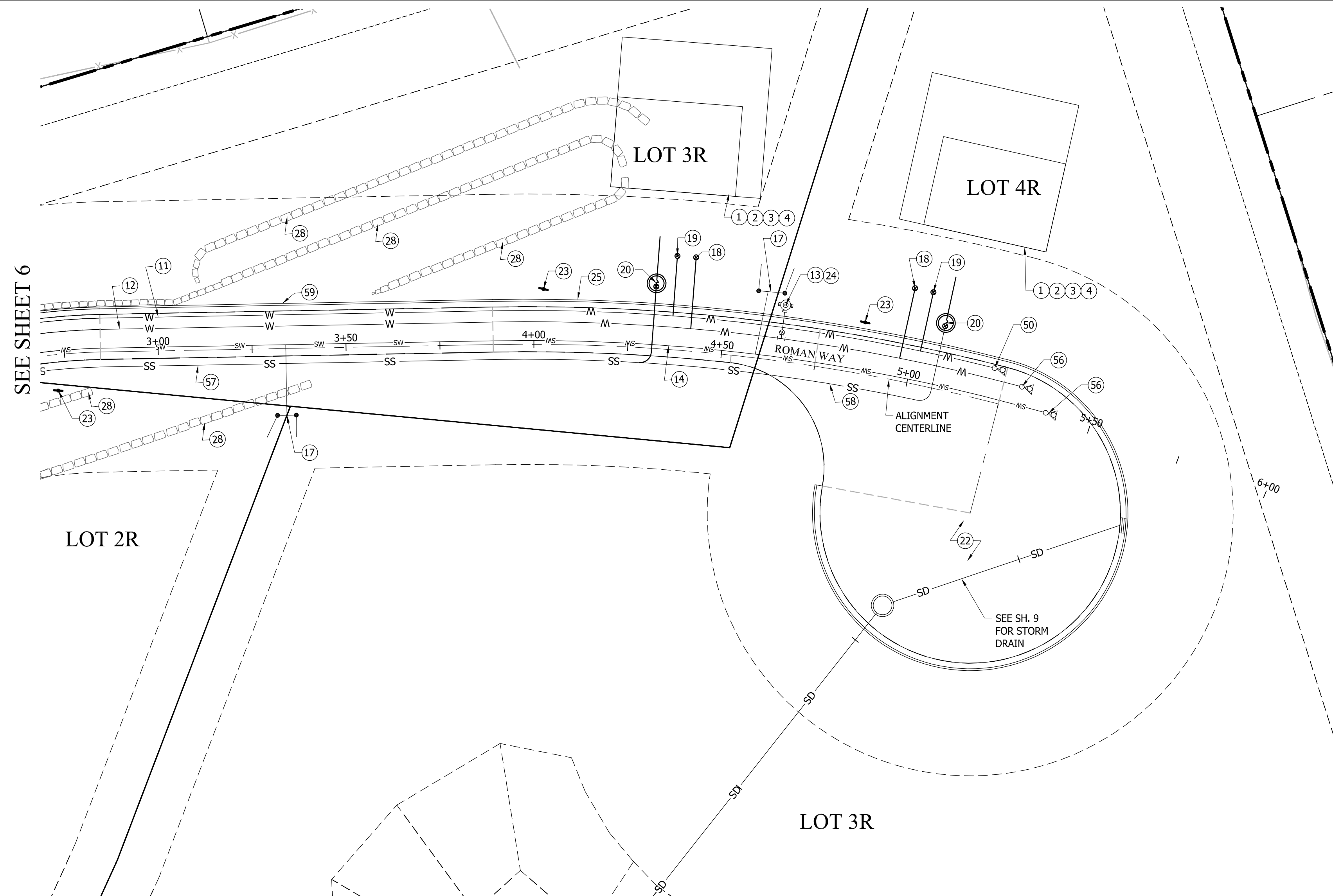
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SHEET
 7

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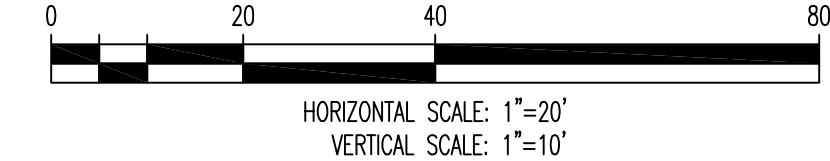
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(SEE SHEET 7)
TYPICAL ROADWAY X-SECTION
 6260 SOUTH (PRIVATE DRIVE)

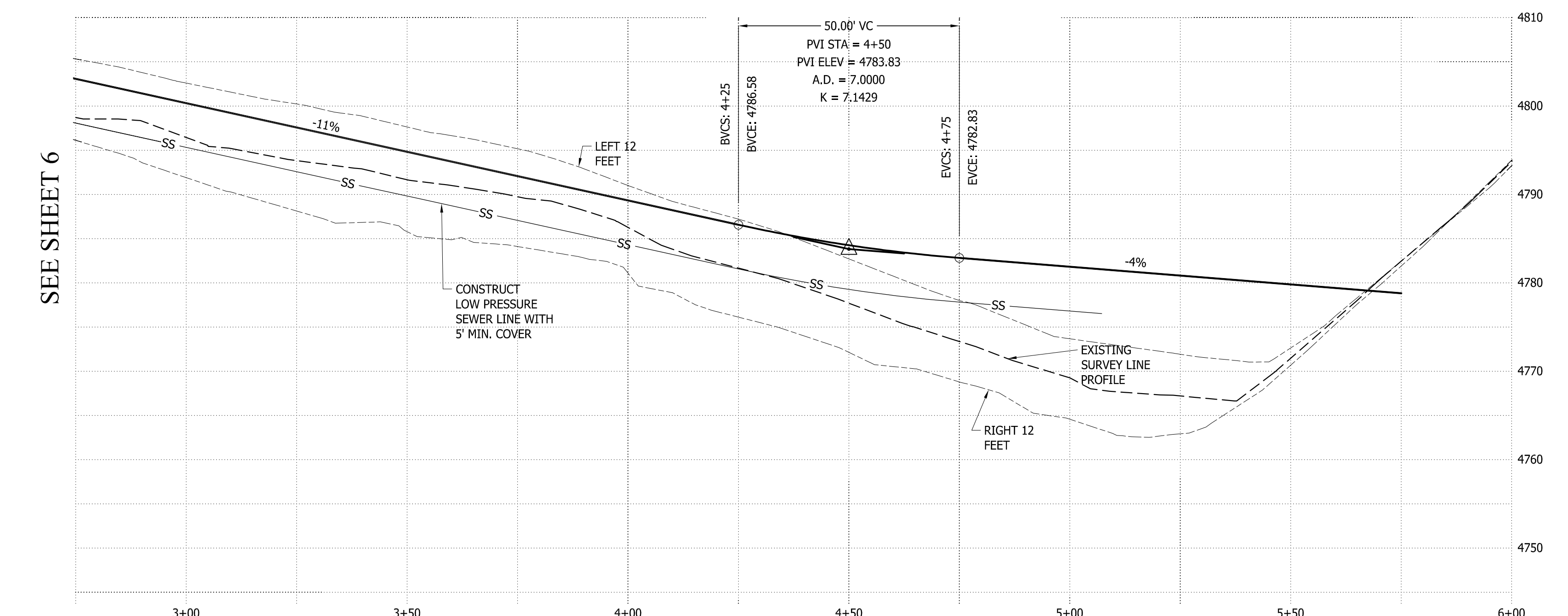


NUMBERED NOTES

- 1- FUTURE GRINDER PUMP TO BE INSTALLED BY FUTURE OWNER
- 2- FUTURE HOMES TO BE PROVIDED WITH FIRE SUPPRESSION SYSTEMS (AS OUTLINED BY THE UTAH STATE FIRE CODE ACT).
- 3- FUTURE HOMES SITES TO EACH HAVE INDIVIDUAL GRADING, UTILITY AND SITE DESIGN (BY OTHERS).
- 4- FUTURE HOMES TO EACH HAVE INDIVIDUAL GEOTECH REPORT / AND OR STUDY AS REQUIRED BY WEBER COUNTY.
- 5- SAWCUT REMOVE AND REPLACE EXISTING ASPHALT PER WEBER COUNTY STANDARDS AND SPECIFICATIONS.
- 7- CONSTRUCT 6" HOT & VALVE, THRUST BLOCK, 6" X 8" REDUCER
- 8- CONSTRUCT STANDARD DRIVE APPROACH PER WEBER COUNTY DETAILS.
- 9- CONSTRUCT 2" SADDLE & 2" TYPE K COPPER CULINARY WATER LINE PER UTAH HIGHLANDS IMPROVEMENT DISTRICT STANDARDS
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- 25- FIRE ACCESSIBLE ROADS TO BE COMPLETED AND APPROVED PRIOR TO ANY COMBUSTIBLE CONSTRUCTION.
- 26- FIRE DEPARTMENT APPARATUS ACCESS IS REQUIRED FOR EACH LOT.
- 28- 4" BOULDER WALL BY OTHERS
- 50- CONSTRUCT 2" FLUSHING STATION - SEE DETAIL
- 51- CONSTRUCT 22.5 DEG. & 11.25 DEG. 8" DUCTILE IRON ELBOWS & THRUST BLOCK
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- 59- CONSTRUCT CURB CUT AS DIRECTED BY THE OWNER



6265 SOUTH (ROMAN WAY) UTILITY PLAN & PROFILE STA 3+00 TO 6+00



LEGEND

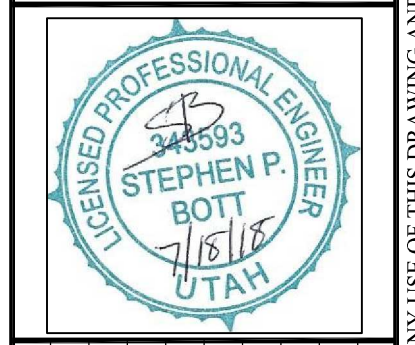
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HIDDEN OAK COVE SUBDIVISION
 UTILITY PLAN & PROFILE STA. 3+00 TO 6+00
 FOR: SOMERSET LANDS LLC
 6260 SOUTH 2125 EAST
 OGDEN, UTAH
 PROJECT #17-019

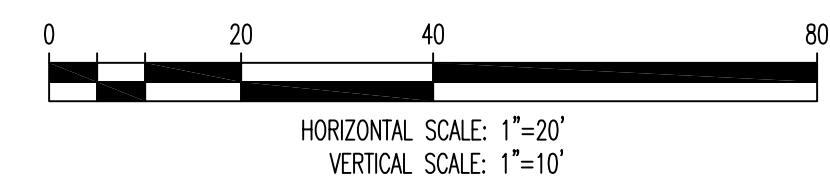
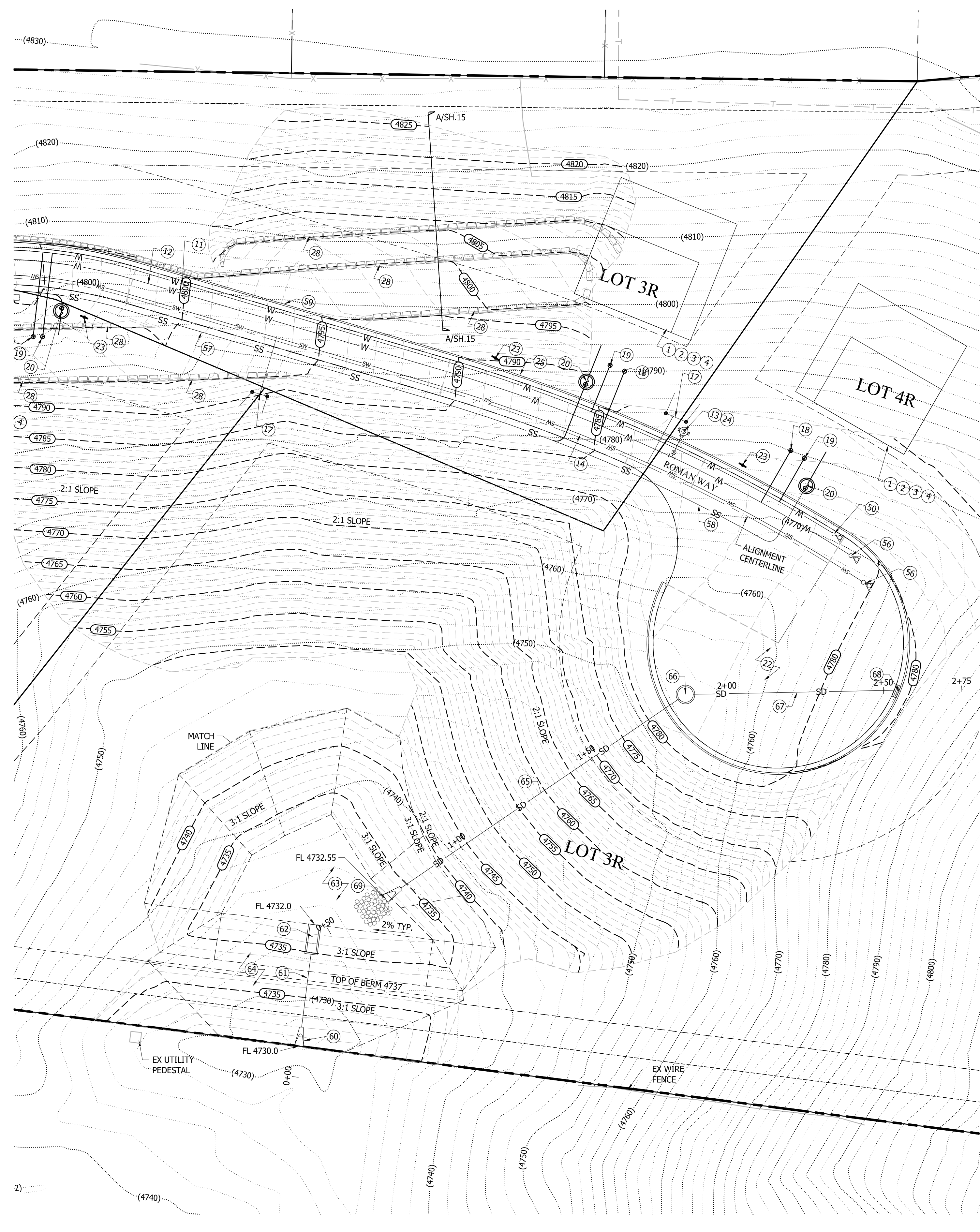


REVISION	DATE	BY

SURVEYED BY	DATE
BB	06-2017

DESIGNED BY: SPB 03/21/18
 DRAWN BY: SPB 07/18/18
 APPROVED BY: SJF

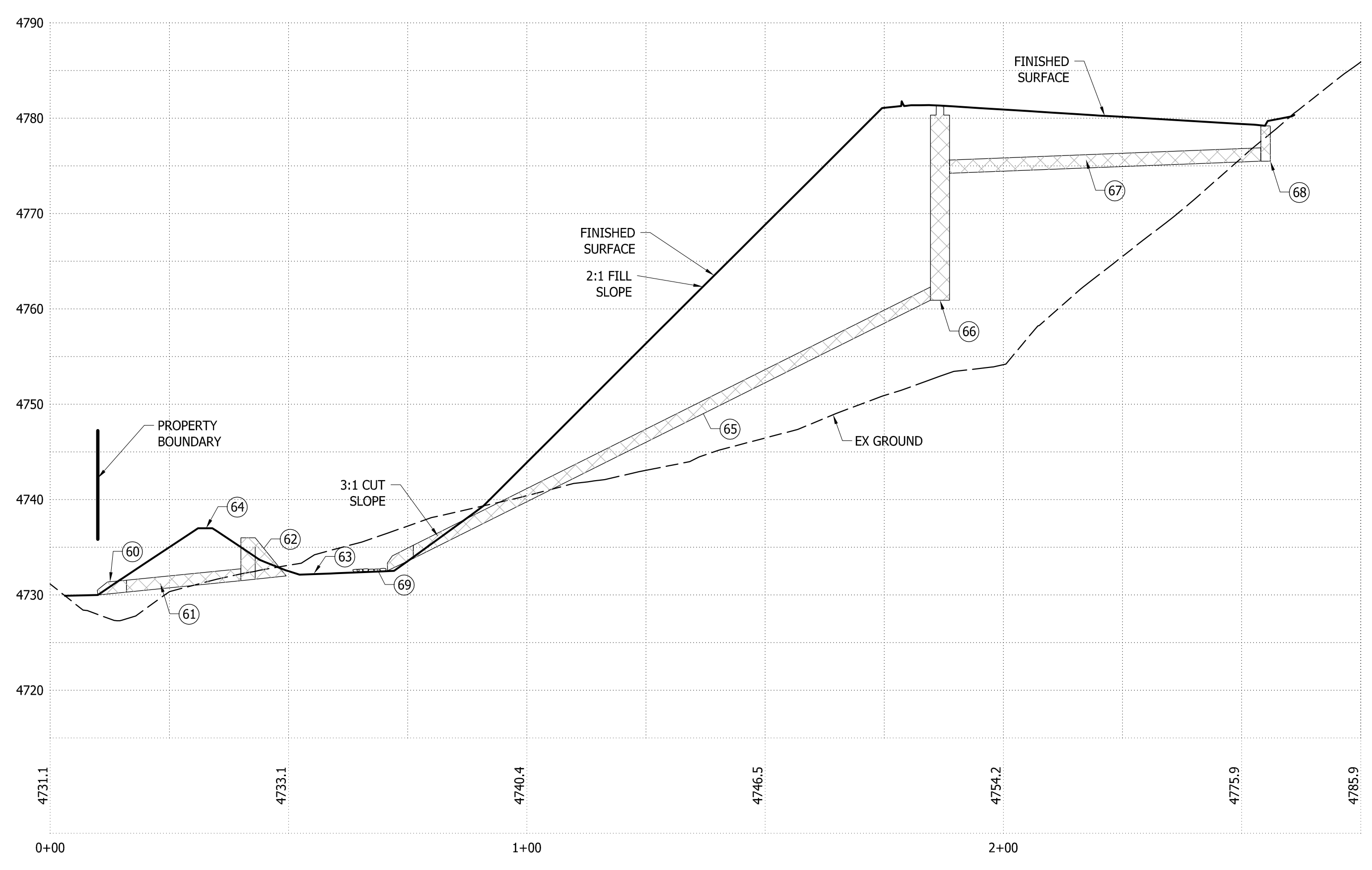
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 1-800-662-4111
 AT LEAST 48 HOURS BEFORE DIGGING



NUMBERED NOTES

- 60- CONSTRUCT 15" RCP FLARED END SECTION @ 6%
- 61- CONSTRUCT 24LF 15" RCP @ 5%
- 62- CONSTRUCT OUTLET CONTROL STRUCTURE TOP = 4736.50, OVERFLOW WALL=4736.00, ORIFICE=3" DIAMETER, INLET=4732.00, OUTLET=4731.50
- 63- CONSTRUCT 8600 CUBIC FOOT DETENTION POND W/ 2% GRADED FLOOR & 3:1 SIDE SLOPES
- 64- CONSTRUCT SOIL BERM TOP=4737.00 WITH 3 FOOT WIDE CREST & 3:1 SIDE SLOPES - KEY BERM 2 FEET MINIMUM INTO EXISTING GROUND
- 65- CONSTRUCT 15" RCP SD @ 25% - 107LF (INCLUDES 15" RCP FLARED END SECTION)
- 66- CONSTRUCT 5' DIA. STORM DRAIN MANHOLE (SDMH) RIM=4781.33 FL(IN)=4774.22 FL(OUT)=4760.91
- 67- CONSTRUCT 64LF 15" CL III RCP SD @ 2%
- 68- CONSTRUCT STORM DRAIN CURB INLET (D&L SUPPLY I-1804) STA 2+56.04 LT 1.17 TBC=4779.69 FL=4775.50
- 69- CONSTRUCT 10'X10' RIP-RAP AREA OF 12" MID ROCK

STORM DRAIN PLAN & PROFILE STA 0+00 TO 3+00



Rainfall Data

Storm Duration (min.)	10 Year Intensity (in/hr)	100 Year Intensity (in/hr)	Data per NOAA ATLAS 14
5	3.970	7.69	41.0167 N
10	3.020	5.85	111.9167 W
15	2.500	4.84	
30	1.680	3.26	
60	1.040	2.01	
120	0.632	1.17	

Run-off Coefficient Calculation

Zone	Area	C-Value	Trib Area	C-Value
Asphalt & Upper Driveways	14,540	sf	0.9	13,086
Improved Areas	60,000	sf	0.65	39,000
Native Areas	72,703	sf	0.2	14,541
Total	147,243	sf		66,627
	3.4	acres		0.45

100 Year Detention (0.2cfs per acre discharge)

Time (min)	Intensity (in/hr)	Runoff (cf)	Discharge	Required Storage
5	7.69	3,529	203	3,326
10	5.85	5,369	406	4,963
15	4.84	6,663	608	6,054
30	3.26	8,975	1,217	7,758
60	2.01	11,068	2,434	8,634
120	1.17	12,885	4,868	8,017

Orifice Calculations

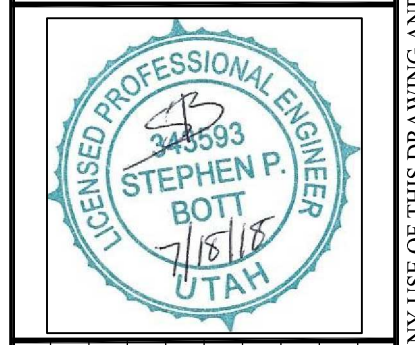
Orifice Equation $Q = C_d A(2gh)^{0.5}$

Acres	3.38
Allowed Outflow (0.2 cfs x Acres)	0.68 cfs
Detention Overflow Elevation	36 ft
Orifice Elevation	31.5 ft
h	4.50 ft
C _d	0.62 square shoulder orifice required
Calculated Orifice Area	9.22 in ²
Calculated Orifice Diameter	3.43 in

Pipe Drainage Area	1.25	acres
C	0.90	
10 year-15 Min. Intensity	2.50	in./hr
Pipe Flow	2.81	cfs
15" RCP PIPE @ 2% CAPACITY	= 9 CFS	
15" RCP PIPE @ 25% CAPACITY	= 31 CFS	

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HIDDEN OAK COVE SUBDIVISION
STORM DRAIN PLAN & PROFILE STA 0+00 TO 3+00
FOR: SOMERSET LANDS LLC
6260 SOUTH 2125 EAST
OGDEN, UTAH
PROJECT #17-019

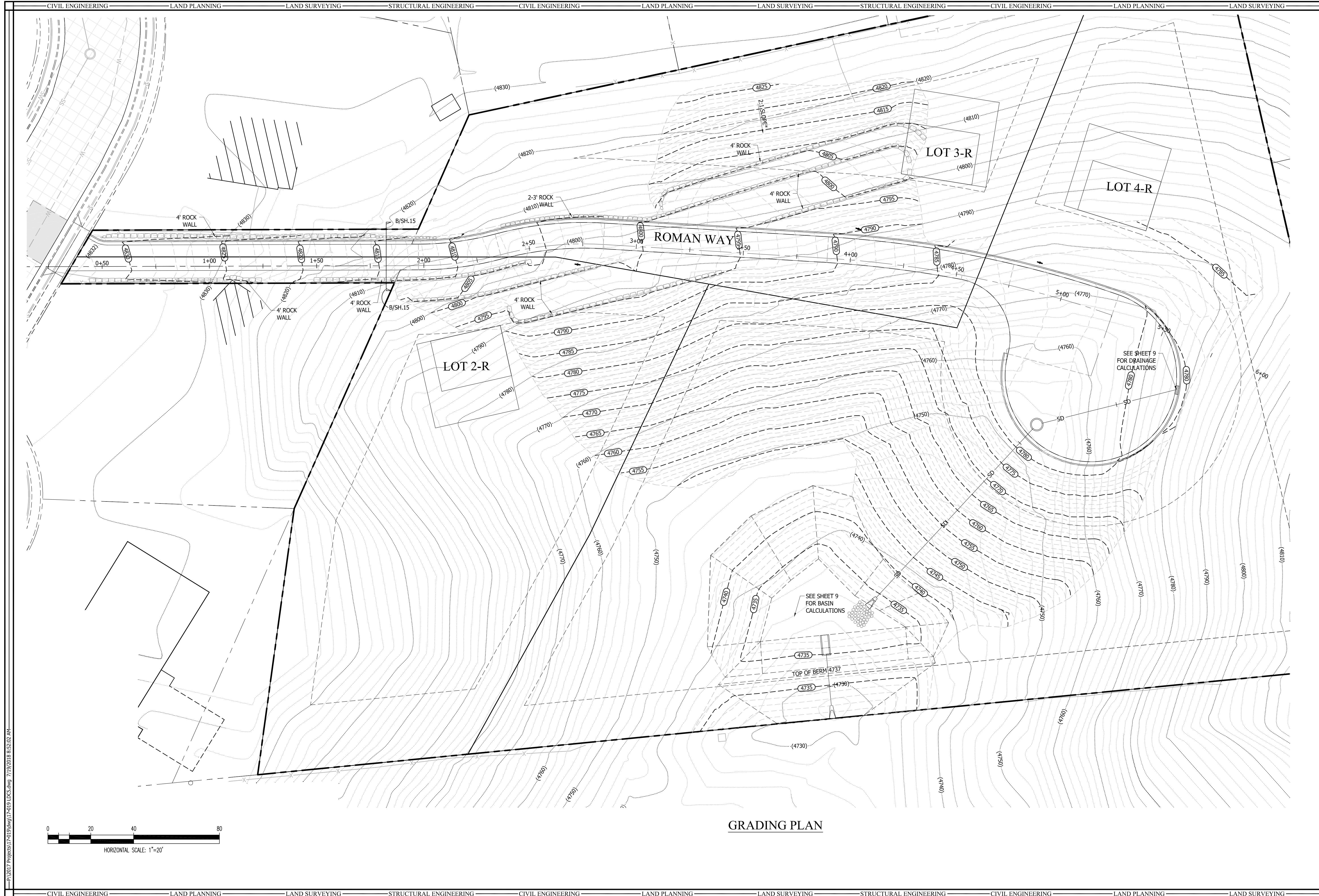


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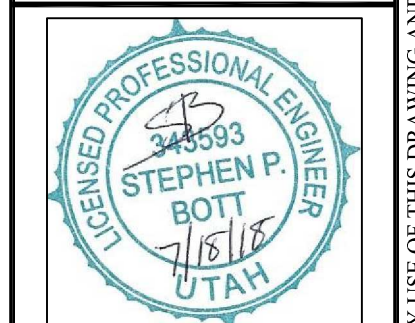
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SHEET 9



GRADING PLAN

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 327 West Gordon Ave. #3
 Layton, UT 84041
 Phone: (801) 773-1910
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HIDDEN OAK COVE SUBDIVISION
 GRADING PLAN
 FOR: SOMERSET LANDS LLC
 6260 SOUTH 2125 EAST
 OGDEN, UTAH
 PROJECT #17-019



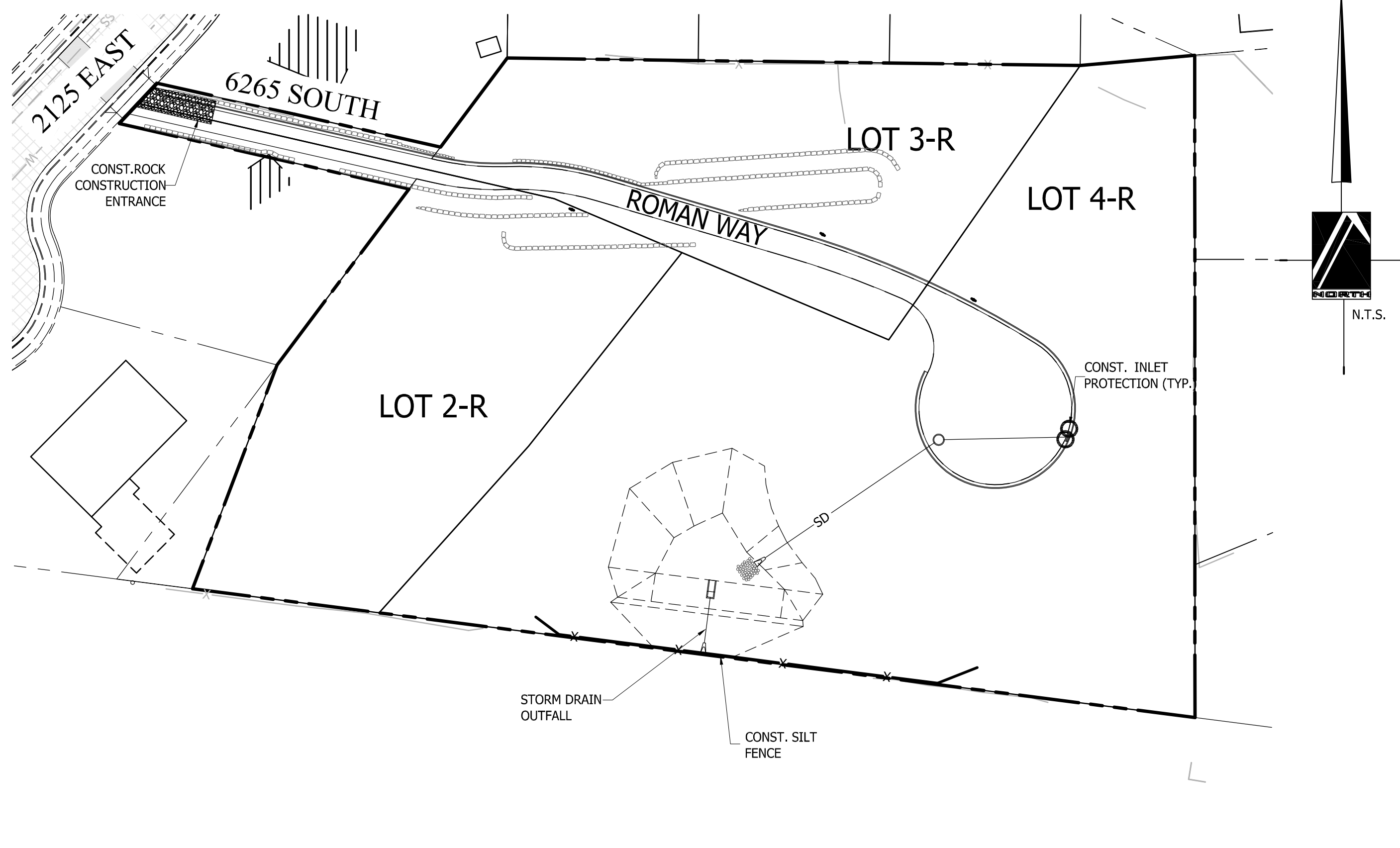
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SHEET 10

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THIS STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WAS DEVELOPED AT THE REQUEST OF THE OWNER FOR THE DEVELOPMENT OF A 3.38 ACRE RESIDENTIAL SUBDIVISION IN WEBER COUNTY, STATE OF UTAH THIS PLAN IDENTIFIES POTENTIAL SOURCES OF POLLUTANTS OF STORM WATER, PRESENTS POLLUTION CONTROL MEASURES, AND ASSISTS IN INSURING IMPLEMENTATION AND MAINTENANCE OF THE BEST MANAGEMENT PRACTICES (BMP'S) INDICATED HEREIN.

A NOTICE OF INTENT HAS BEEN FILED WITH THE STATE OF UTAH WATER RESOURCES CONTROL BOARD BY THE OWNER SO THAT THIS CONSTRUCTION PROJECT MAY BE COVERED UNDER THE STATE GENERAL PERMIT. THE PERMIT IS NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT (NO. UTR 620000) FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.

IN THE EVENT OF A CHANGE IN OWNERSHIP, A NEW NOTICE OF INTENT SHALL BE FILED WITH THE STATE WATER RESOURCES CONTROL BOARD.

IN THE EVENT OF A RELEASE OF A REPORTABLE QUANTITY OF A POLLUTANT, THE CONTRACTOR SHALL ADVISE THE OWNER TO NOTIFY THE NATIONAL RESPONSE CENTER, WEBER COUNTY AND PINNACLE ENGINEERING, INC. IF NECESSARY, THIS POLLUTION PREVENTION PLAN SHOULD BE REVISED TO REFLECT THE CHANGE IN CONDITIONS OF THE CONSTRUCTION ACTIVITY. A REPORTABLE QUANTITY IS ESTABLISHED BY 40 CODE OF FEDERAL REGULATIONS (CFR) 117.3

ALL CONTRACTORS AND THEIR PERSONNEL WHOSE WORK CAN CONTRIBUTE TO OR CAUSE POLLUTION OF STORM WATER SHOULD BE MADE FAMILIAR WITH THIS POLLUTION PREVENTION PLAN. ADEQUATE TRAINING FOR IMPLEMENTATION OF THE MEASURES PRESENTED HEREIN SHALL BE PROVIDED TO THE CONTRACTORS AND THEIR PERSONNEL.

CHANGES IN CONSTRUCTION OR IN CONDITIONS WHICH ARE NOT COVERED BY THIS PLAN SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER, STEPHEN FACKRELL, AND PINNACLE ENGINEERING, INC. IF NECESSARY, THIS POLLUTION PREVENTION PLAN WILL BE REVISED TO REFLECT THE CHANGE IN CONSTRUCTION OR IN CONDITIONS.

ALL PREVENTION AND CLEAN UP MEASURES SHOULD BE CONDUCTED IN ACCORDANCE WITH WEBER COUNTY ORDINANCES, AS WELL AS STATE AND FEDERAL REGULATIONS. WASTE MATERIALS SHOULD BE DISPOSED OF IN ALL DISCHARGERS OF STORM WATER MUST COMPLY WITH THE LAWFUL REQUIREMENTS OF WEBER COUNTY AND OTHER LOCAL AGENCIES REGARDING THE DISCHARGES OF STORM WATER TO STORM DRAINS.

THIS PLAN DOES NOT COVER THE REMOVAL OF HAZARDOUS OR TOXIC WASTE. IN THE EVENT OF A DISCHARGE OR RELEASE OF A REPORTABLE QUANTITY OF TOXIC WASTE, WORK SHOULD BE STOPPED UNTIL THE SPILL CAN BE ASSESSED AND A MITIGATION REPORT PREPARED BY A QUALIFIED ENVIRONMENTAL CONSULTANT, AND IF NECESSARY, REVIEWED BY WEBER COUNTY AND ANY OTHER AGENCY HAVING JURISDICTION.

THIS SWPPP SHALL BE MADE AVAILABLE TO THE PUBLIC UNDER SECTION 308(B) OF THE CLEAN WATER ACT. UPON REQUEST BY MEMBERS OF THE PUBLIC, THE DISCHARGER SHALL MAKE AVAILABLE FOR REVIEW A COPY OF THIS SWPPP EITHER TO THE REGIONAL WATER BOARD OR DIRECTLY. THIS SWPPP MUST BE KEPT ON SITE DURING CONSTRUCTION ACTIVITY AND MADE AVAILABLE UPON REQUEST OF A REPRESENTATIVE OF THE REGIONAL WATER BOARD AND/OR THE LOCAL AGENCY HAVING JURISDICTION.

A) PROHIBITION ON MOST NON-STORM WATER DISCHARGES
 1) REGULAR INTERVAL INSPECTION AND INSPECTION BEFORE AND AFTER STORMS
 2) VISUALLY INSPECT THE SITE WEEKLY OR AS NEEDED TO INSURE THAT STORM WATER INLETS ARE FREE OF DIRT AND DEBRIS.
 3) BEFORE A STORM, INSPECT THE SITE TO INSURE THAT STORM WATER POLLUTION CONTROL MEASURES ARE IN PLACE.
 4) AFTER A STORM, INSPECT ALL STORM WATER INLETS TO INSURE THAT THEY ARE CLEAR OF DIRT AND DEBRIS. CLEAN THOSE STORM WATER INLETS THAT ARE NOT CLEAR AND FREE OF DEBRIS.
 5) THE REGIONAL WATER BOARD MAY REQUIRE THE DISCHARGER TO CONDUCT ADDITIONAL SITE INSPECTIONS, SUBMIT REPORTS AND CERTIFICATIONS, OR TO PERFORM SAMPLING AND ANALYSIS.

B) SOURCES OF STORM WATER POLLUTANTS
 STORM WATER POLLUTANTS INCLUDE SOIL SEDIMENT AND NUTRIENTS, OIL, GREASE, TOXIC POLLUTANTS, AND HEAVY METALS. SOURCES OF STORM WATER POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO SOIL EROSION BY WATER AND/OR WIND; CLEARING OF VEGETATION; GRADING; VEHICLE AND EQUIPMENT REFUELING AND MAINTENANCE; WASHING OF CONCRETE TRUCKS, MIXERS AND HANDLING EQUIPMENT; PAINTS, SOLVENTS AND ADHESIVES; AND LANDSCAPING WORK.

C) EROSION AND SEDIMENT CONTROLS
 1) COVER OR BERM AROUND PERIMETER EXPOSED STOCKPILES OF SOILS, CONSTRUCTION AND LANDSCAPING MATERIALS WITH HEAVY PLASTIC SHEETING.
 2) IN LANDSCAPING AREAS WHERE THE VEGETATION HAS NOT ESTABLISHED GROWTH AND TAKEN HOLD, CONSTRUCT SANDBAG OR DIRT BERMS AROUND THEIR PERIMETER TO INSURE THAT WATER WILL BE CONTAINED INSIDE THE LANDSCAPING AREA AND THAT IT WILL NOT BE CONVEYED TO A STORM DRAIN INLET.
 3) RE-VEGETATE AREAS WHERE LANDSCAPING HAS DIED OR NOT TAKEN HOLD.
 4) DIVERT STORM WATER RUNOFF AROUND DISTURBED SOILS WITH BERMS OR DIRT SWALES.

D) OTHER CONTROLS
 1) WASTE DISPOSAL
 A) KEEP WASTE CONTAINERS COVERED.
 B) PROVIDE FOR THE WEEKLY OR AS NEEDED (OR MORE FREQUENT, IF NECESSARY) DISPOSAL OF WASTE CONTAINERS.
 C) PROVIDE CONTAINERS AT CONVENIENT LOCATIONS AROUND THE SITE.
 2) SWEEPING OF SITE
 A) PROVIDE WEEKLY OR AS NEEDED SWEEPING BY HAND OR MECHANICAL MEANS TO KEEP THE PAVED AREAS OF THE SITE FREE OF DUST, DIRT, AND DEBRIS.
 B) DISPOSE OF ACCUMULATED DIRT IN WASTE CONTAINERS, OR HAUL IT OFF THE SITE TO A LANDFILL.
 3) SANITARY/SEPTIC DISPOSAL
 PORTABLE TOILETS AND OTHER SANITARY FACILITIES SHALL BE SERVICED WEEKLY OR AS NEEDED AND PUMPED CLEAN BY A WASTE DISPOSAL COMPANY. NO TOXIC OR HAZARDOUS WASTE SHALL BE DISPOSED IN A PORTABLE TOILET OR IN THE ON-SITE SANITARY SEWER.
 4) SPILLS
 A) STORE ADEQUATE ABSORBENT MATERIALS, RAGS, BROOMS, SHOVELS, AND WASTE CONTAINERS ON THE SITE TO CLEAN-UP SPILLS OF MATERIALS SUCH AS FUEL, PAINT, SOLVENTS, OR CLEANERS. CLEAN UP MINOR SPILLS IMMEDIATELY.
 B) ON REPORTABLE QUANTITY OF HAZARDOUS OR TOXIC SUBSTANCE, SECURE THE SERVICES OF QUALIFIED PERSONNEL FOR CLEAN-UP AND DISPOSAL.
 5) CONTROL OF ALLOWABLE NON-STORM WATER DISCHARGES
 LANDSCAPING IRRIGATION, EROSION CONTROL MEASURES, PIPE FLUSHING AND TESTING, AND PAVEMENT WASHING ARE ALLOWED IF THEY CANNOT FEASIBLY BE ELIMINATED, COMPLY WITH THIS PLAN, DO NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS, AND ARE NOT REQUIRED TO BE PERMITTED BY THE LOCAL REGIONAL WATER QUALITY CONTROL BOARD.

E) INSPECTION
 1) MAINTENANCE AND REPAIR ALL CONTROLS AND MEASURES INDICATED ON THIS PLAN SHOULD BE MAINTAINED IN GOOD AND EFFECTIVE CONDITION IF ANY CONTROLS OR MEASURES ARE DAMAGED OR REMOVED, THEY SHOULD BE PROMPTLY REPAIRED OR RESTORED.
 2) PLAN REVISIONS IF CONSTRUCTION ACTIVITY OR CONDITIONS CHANGE FROM THOSE SHOWN IN THIS PLAN, THEN THIS PLAN SHALL BE REVISED TO REFLECT THE CURRENT CONDITIONS.

F) MAINTENANCE OF CONTROLS
 1) AFTER CONSTRUCTION HAS BEEN COMPLETED, THE SITE SHALL BE SWEEPED CLEAN. STORM WATER INLETS (GRATES AND BASINS) SHALL BE CLEANED, AND ALL WASTE AND LEFTOVER MATERIALS SHALL BE REMOVED FROM THE SITE.
 2) ALL LANDSCAPING AND PLANTING AREAS SHOULD BE WELL MAINTAINED TO PREVENT EROSION. AVOID OVER WATERING OF LANDSCAPING.
 3) ALL PAVED AREAS SHOULD BE SWEEPED WEEKLY OR AS NEEDED EITHER BY HAND OR BY MECHANICAL MEANS TO KEEP THE SITE CLEAR OF DIRT, DUST, AND DEBRIS.
 4) WASTE MATERIALS ON-SITE SHOULD BE STORED IN COVERED CONTAINERS WHICH ARE CLEANED OUT REGULARLY.
 5) TESTING OF FIRE HYDRANTS ON-SITE SHALL NOT BE CONDUCTED UNTIL THE AREA WHERE THE WATER DISCHARGES HAS BEEN SWEEPED CLEAN OF DIRT AND DEBRIS.
 6) STORM DRAIN LINES SHOULD BE CHECKED AND CLEANED ANNUALLY TO KEEP THEM CLEAN AND CLEAR OF DEBRIS.
 7) ALL ON-SITE STORM WATER INLETS SHOULD BE CLEARLY MARKED "STORM WATER ONLY".

H) COMPLETION OF CONSTRUCTION ACTIVITIES AND NOTICE OF TERMINATION
 WHEN CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED ON THIS SITE, THE OWNER SHALL FILE A LETTER WITH THE STATE DEQ DIVISION OF WATER QUALITY. THIS LETTER SHALL CERTIFY THAT THE CONSTRUCTION ACTIVITY HAS BEEN COMPLETED, THAT ALL ELEMENTS OF THE SWPPP HAVE BEEN IMPLEMENTED, THAT CONSTRUCTION AND EQUIPMENT MAINTENANCE WASTES HAVE BEEN DISPOSED OF PROPERLY, THAT THE SITE IS IN COMPLIANCE WITH ALL LOCAL STORM WATER REQUIREMENTS INCLUDING EROSION/SEDIMENT CONTROL REQUIREMENTS, POLICIES, AND GUIDELINES.

"BEST MANAGEMENT PRACTICES" ("BMP'S") MEANS SCHEDULES OF ACTIVITIES, PROHIBITIONS OF PRACTICES, MAINTENANCE PROCEDURES, AND OTHER MANAGEMENT PRACTICES TO PREVENT OR REDUCE THE POLLUTION OF WATERS OF THE UNITED STATES. BMP'S ALSO INCLUDE TREATMENT REQUIREMENTS, OPERATING PROCEDURES, AND PRACTICES TO CONTROL SITE RUNOFF, SPILLAGE OR LEAKS, WASTE DISPOSAL, OR DRAINAGE FROM RAW MATERIAL STORAGE.

"CLEAN WATER ACT" ("CWA") MEANS THE FEDERAL WATER POLLUTION CONTROL ACT ENACTED BY PUBLIC LAW 92-500 AS AMENDED BY PUBLIC LAWS 95-217, 95-576, 96-483, AND 97-1111; 33 USC 1251 ET SEQ.

"CONSTRUCTION SITE" IS THE LOCATION OF THE CONSTRUCTION ACTIVITY.

"NON-STORM WATER DISCHARGE" MEANS ANY DISCHARGE TO STORM DRAIN SYSTEMS THAT IS NOT COMPOSED ENTIRELY OF STORM WATER EXCEPT DISCHARGE PURSUANT TO AN NPDES PERMIT AND DISCHARGES RESULTING FROM FIRE FIGHTING ACTIVITIES.

"SIGNIFICANT MATERIALS" INCLUDES, BUT IS NOT LIMITED TO RAW MATERIALS; FUELS; MATERIALS SUCH AS SOLVENTS, DETERGENTS, AND PLASTIC PELLETS; FINISHED MATERIALS SUCH AS METALLIC PRODUCTS; RAW MATERIALS USED IN FOOD PROCESSING OR PRODUCTION HAZARDOUS SUBSTANCES DESIGNATED UNDER SECTION 101(14) OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA); ANY CHEMICAL THE FACILITY IS REQUIRED TO REPORT PURSUANT TO SECTION 313 OF TITLE III OF SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA); FERTILIZERS; PESTICIDES; AND WASTE PRODUCTS SUCH AS ASHES, SLAG, AND SLUDGE THAT HAVE THE POTENTIAL TO BE RELEASED WITH STORM WATER DISCHARGES.

"SIGNIFICANT QUANTITIES" IS THE VOLUME, CONCENTRATIONS, OR MASS OF A POLLUTANT IN STORM WATER DISCHARGE THAT CAN CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR NUISANCE; ADVERSELY IMPACT HUMAN HEALTH OR THE ENVIRONMENT; AND CAUSE OR CONTRIBUTE TO A VIOLATION OF ANY APPLICABLE WATER QUALITY STANDARDS FOR THE RECEIVING WATER.

"STORM WATER" MEANS STORM WATER RUNOFF, SNOW MELT RUNOFF, SURFACE RUNOFF AND DRAINAGE. IT EXCLUDES INFILTRATION AND RUNOFF FROM AGRICULTURAL LAND)

"POLLUTION" MEANS THE "MAN-MADE OR MAN-INDUCED ALTERATION OF THE CHEMICAL, PHYSICAL, BIOLOGICAL, AND RADIOLOGICAL INTEGRITY OF WATER" [CLEAN WATER ACT SECTION 502(19)]. POLLUTION ALSO MEANS "AN ALTERATION OF THE QUALITY OF THE WATERS OF THE STATE BY WASTE TO A DEGREE WHICH UNREASONABLY AFFECTS EITHER... THE WATERS FOR BENEFICIAL USES... OR FACILITIES WHICH SERVE THESE BENEFICIAL USES." [CALIFORNIA WATER CODE SECTION 13050(B)].

"CONTAMINATION" MEANS "AN IMPAIRMENT OF THE QUALITY OF THE WATERS OF THE STATE BY WASTE TO A DEGREE WHICH CREATES A HAZARD TO THE PUBLIC HEALTH THROUGH POISONING OR THROUGH THE SPREAD OF DISEASE... INCLUDING ANY EQUIVALENT EFFECT RESULTING FROM THE DISPOSAL OF WASTE, WHETHER OR NOT WATERS OF THE STATE ARE AFFECTED."

"NUISANCE" MEANS "ANYTHING WHICH MEETS ALL OF THE FOLLOWING REQUIREMENTS: (1) IS INJURIOUS TO HEALTH, OR IS INDECENT OR OFFENSIVE TO THE SENSES, OR AN OBSTRUCTION TO THE FREE USE OF PROPERTY, SO AS TO INTERFERE WITH THE COMFORTABLE ENJOYMENT OF LIFE AND PROPERTY; (2) AFFECTS AT THE SAME TIME AN ENTIRE COMMUNITY OR NEIGHBORHOOD, OR ANY CONSIDERABLE NUMBER OF PERSONS, ALTHOUGH THE EXTENT OF THE ANNOYANCE OR DAMAGE INFLICTED UPON INDIVIDUALS MAY BE UNEQUAL; (3) OCCURS DURING OR AS A RESULT OF THE TREATMENT OR DISPOSAL OF WASTES."

"LOCAL AGENCY" MEANS ANY AGENCY THAT IS INVOLVED WITH REVIEW, APPROVAL, OR OVERSIGHT OF THE CONSTRUCTION SITES' (a) CONSTRUCTION ACTIVITY, (b) EROSION AND SEDIMENT CONTROLS, (c) STORM WATER DISCHARGE.

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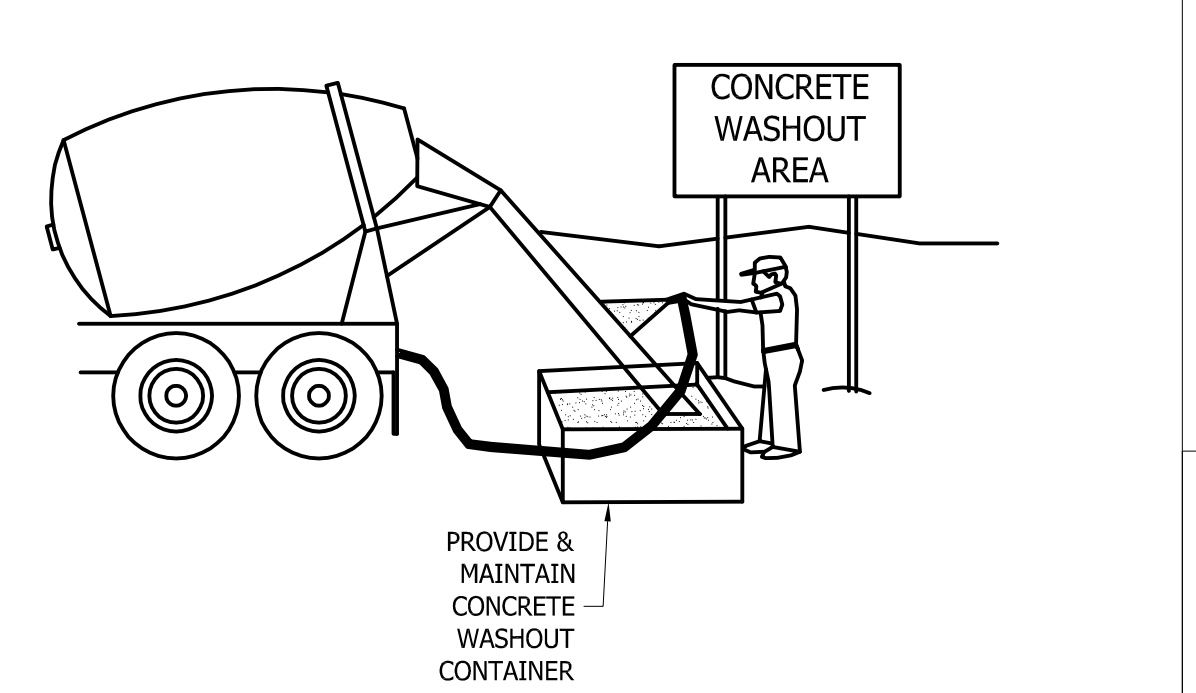
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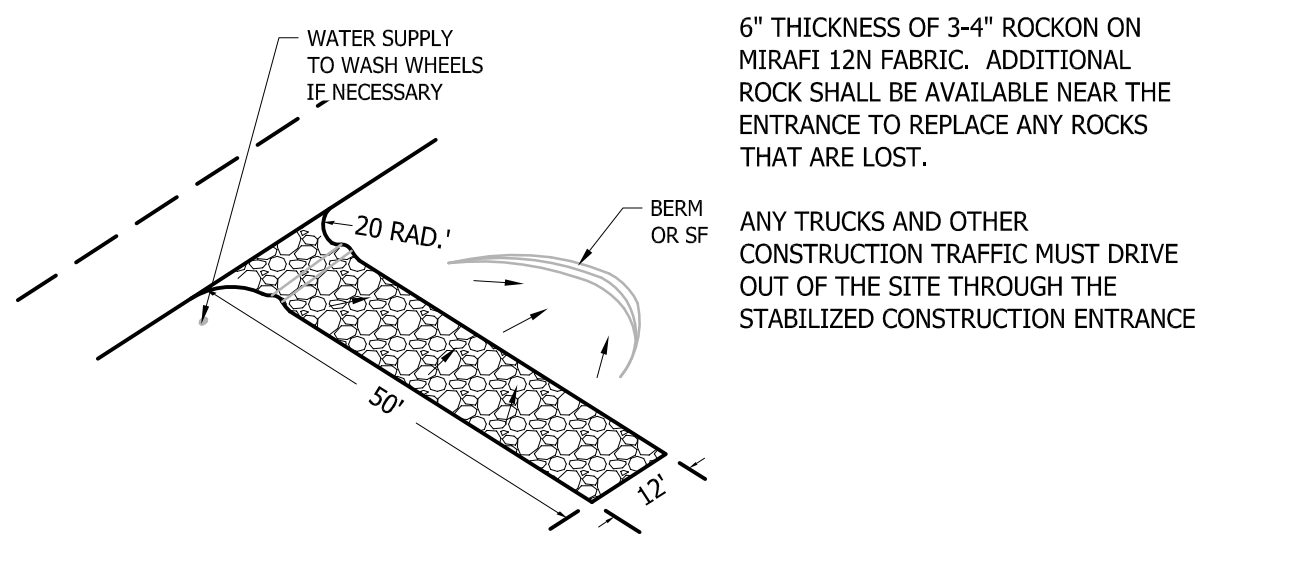
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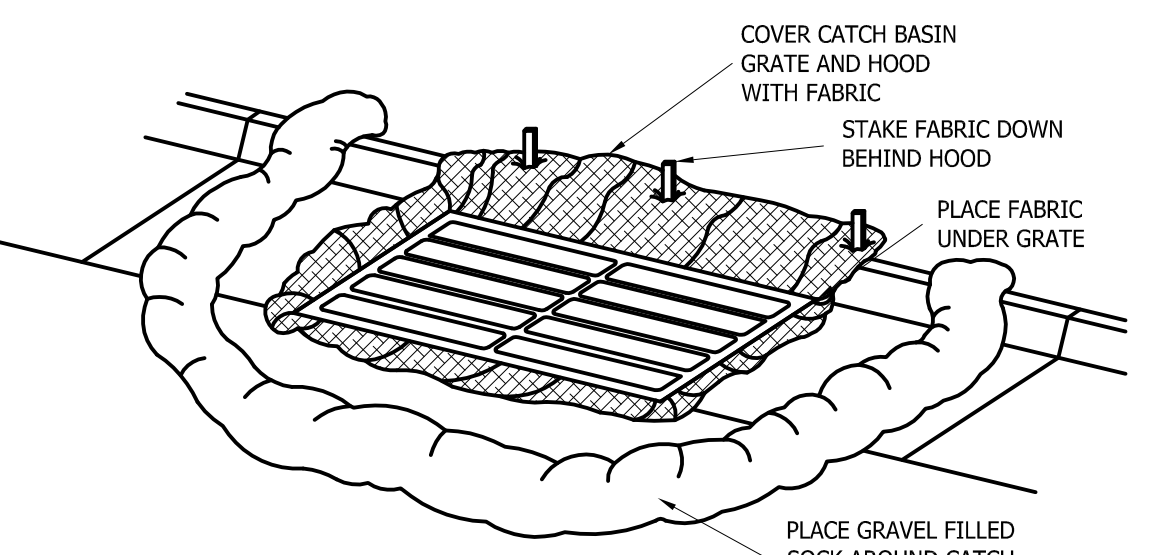
CONCRETE WASTE MANAGEMENT

- NOTES:
- EXCESS AND WASTE CONCRETE SHALL NOT BE WASHED INTO THE STREET OR INTO A DRAINAGE SYSTEM.
 - FOR WASHOUT OF CONCRETE AND MORTAR PRODUCTS, A DESIGNATED CONTAINMENT FACILITY OF SUFFICIENT CAPACITY TO RETAIN LIQUID AND SOLID WASTE SHALL BE PROVIDED ON SITE.
 - SLURRY FROM CONCRETE AND ASPHALT SAW CUTTING SHALL BE VACUUMED OR CONTAINED, DRIED, PICKED UP, AND DISPOSED OF PROPERLY.

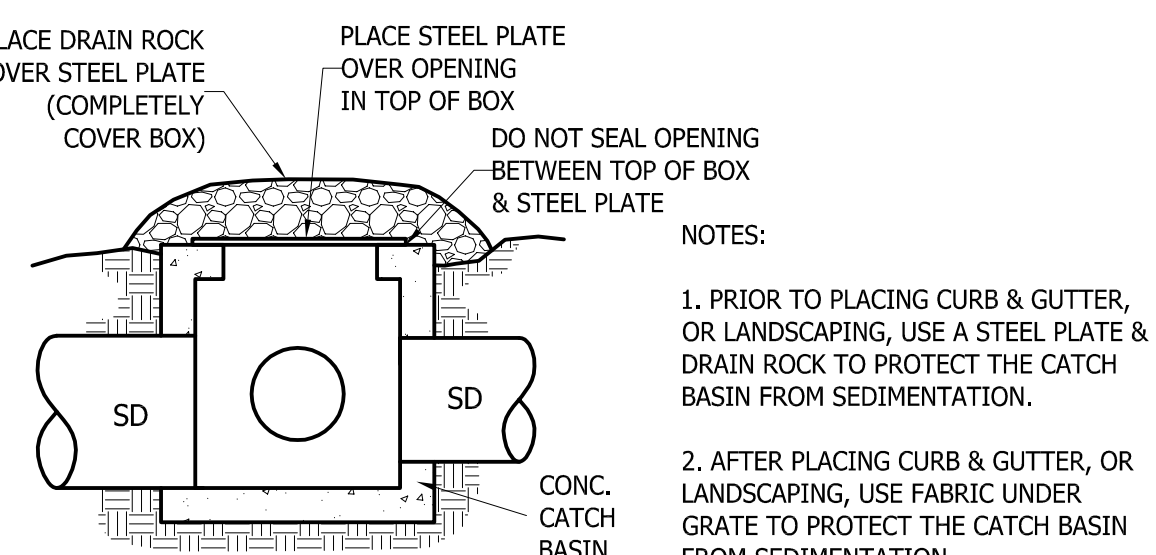


STABILIZED CONSTRUCTION ENTRANCE

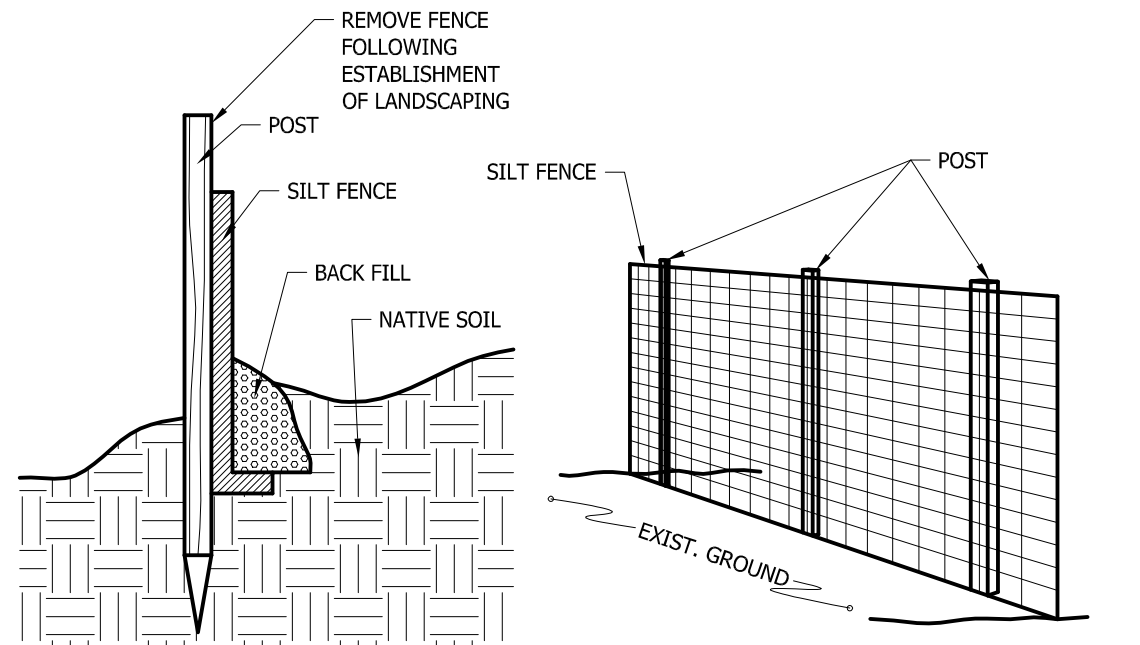
REQ'D UNTIL PLACING ROAD BASE



FABRIC UNDER GRATE
 MAINTENANCE: LIFT GRATE & CLEAN SEDIMENT OFF OF FABRIC WEEKLY OR AS NEEDED & AFTER A STORM. TAKE CARE WHILE LIFTING GRATE TO PREVENT SEDIMENT FROM FALLING INTO THE CATCH BASIN. DISPOSE OF SEDIMENT AWAY FROM THE STORM DRAIN.



STEEL PLATE & DRAIN ROCK
 MAINTENANCE: CHECK THAT DRAIN ROCK COMPLETELY COVERS THE CATCH BASIN WEEKLY OR AS NEEDED & AFTER A STORM. IF SEDIMENT COVERS THE DRAIN ROCK, REMOVE THE SEDIMENT.

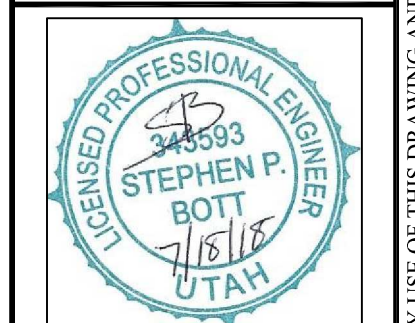


SILT FENCE DETAIL

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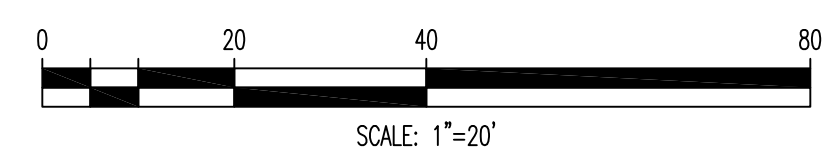
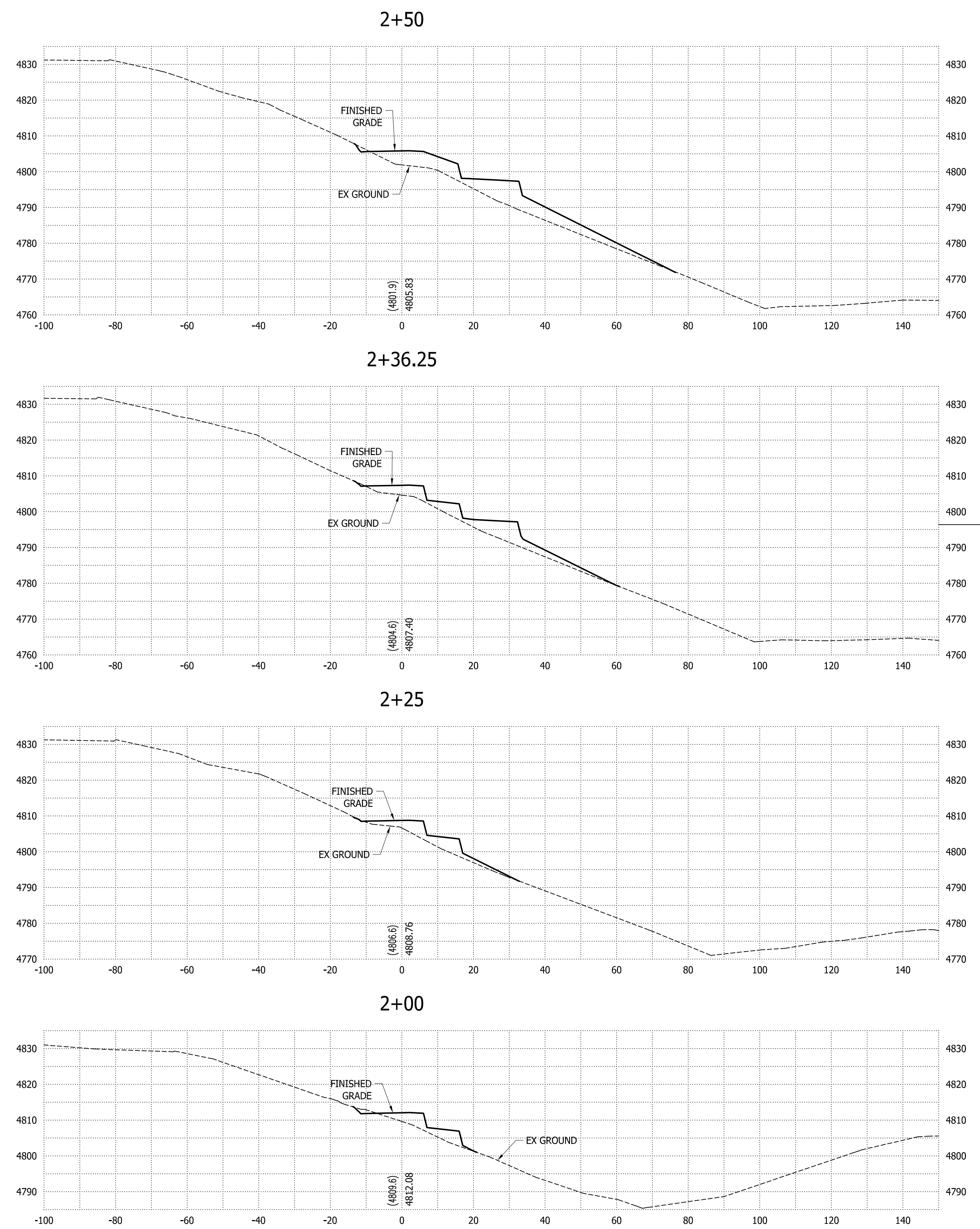
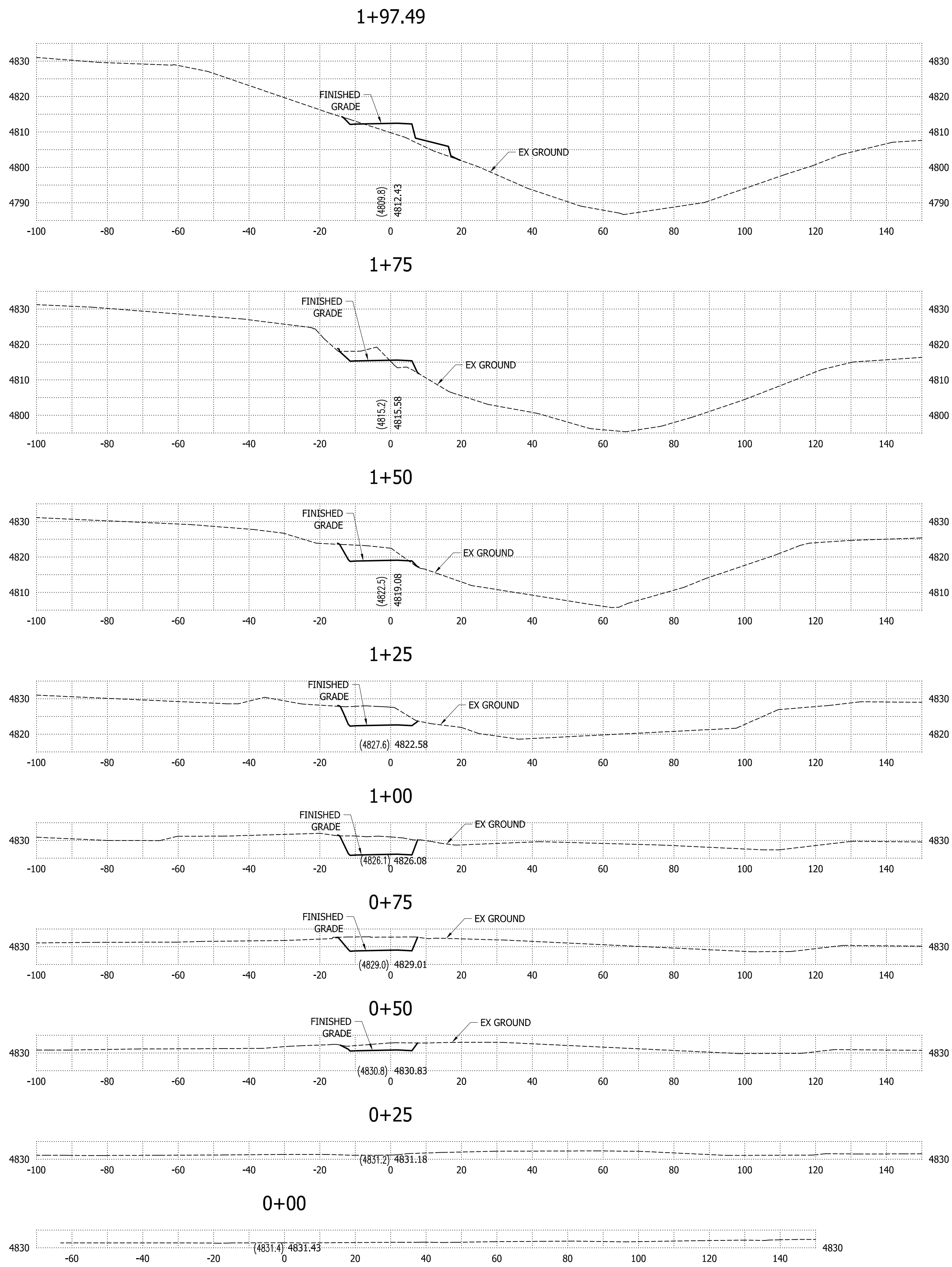
HIDDEN OAK COVE SUBDIVISION
 STORM WATER POLLUTION PREVENTION PLAN
 FOR: SOMERSET LANDS LLC
 6260 SOUTH 2125 EAST
 OGDEN, UTAH
 PROJECT #17-019



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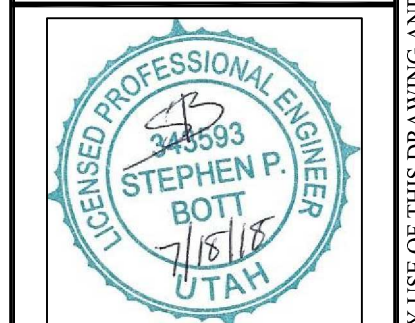
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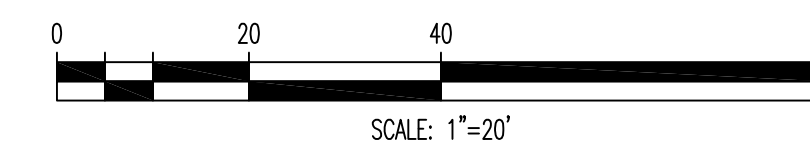
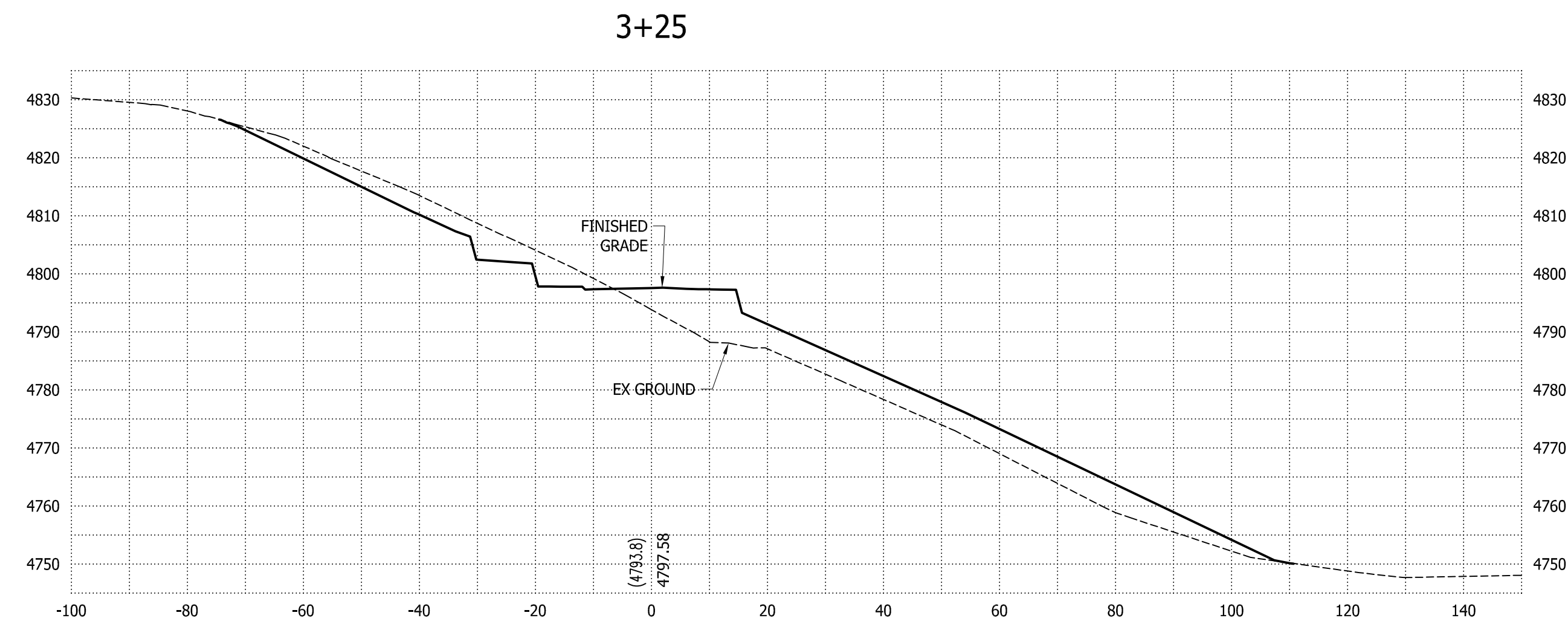
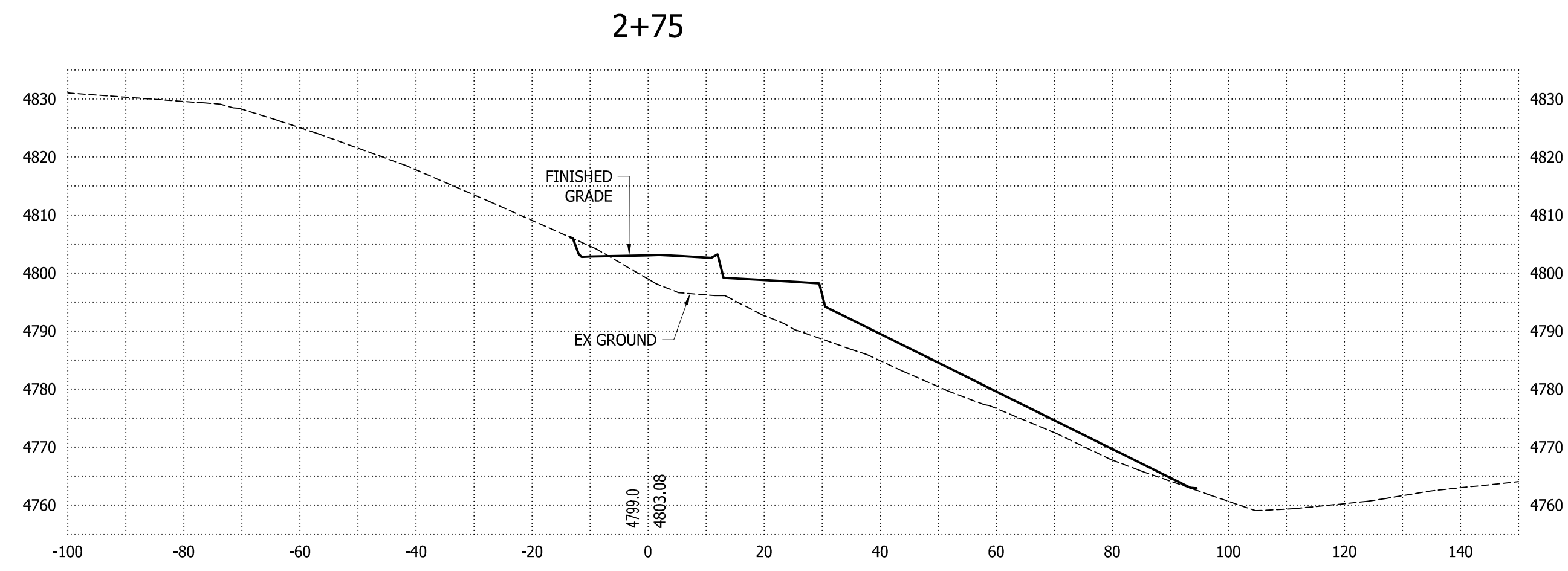
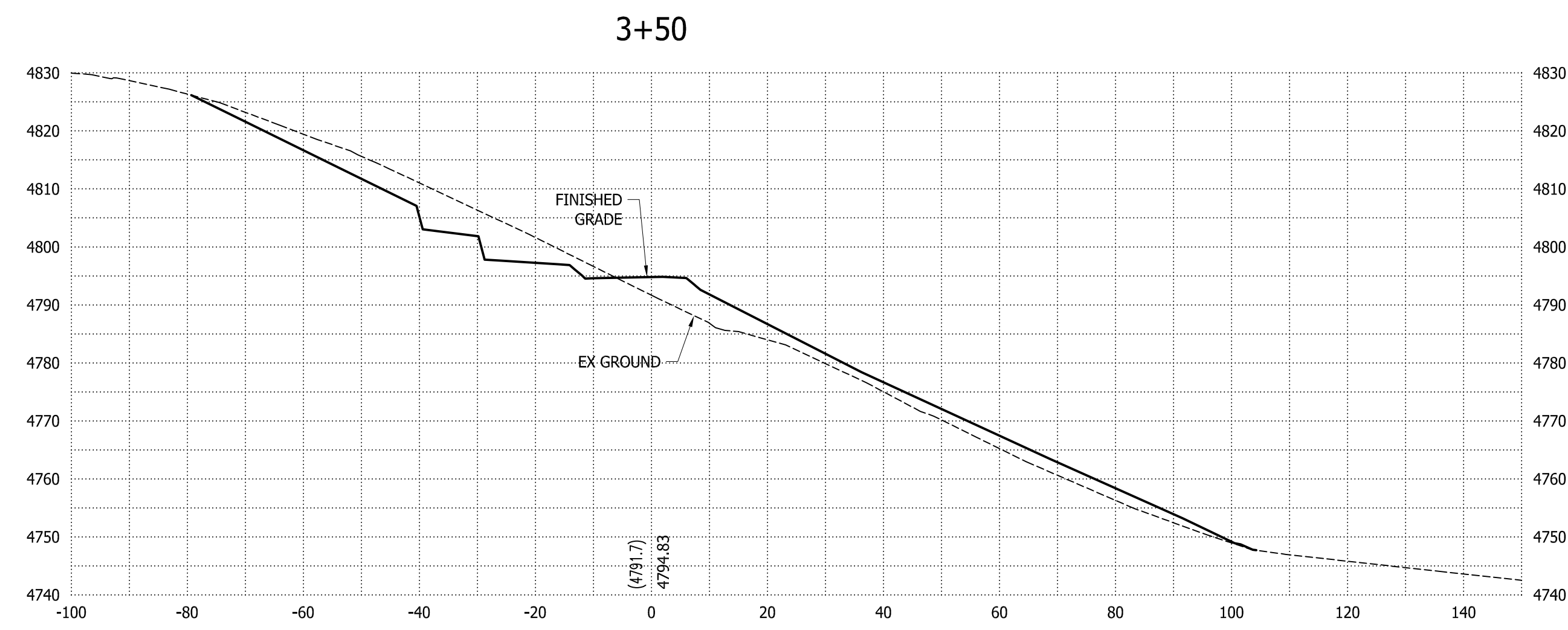
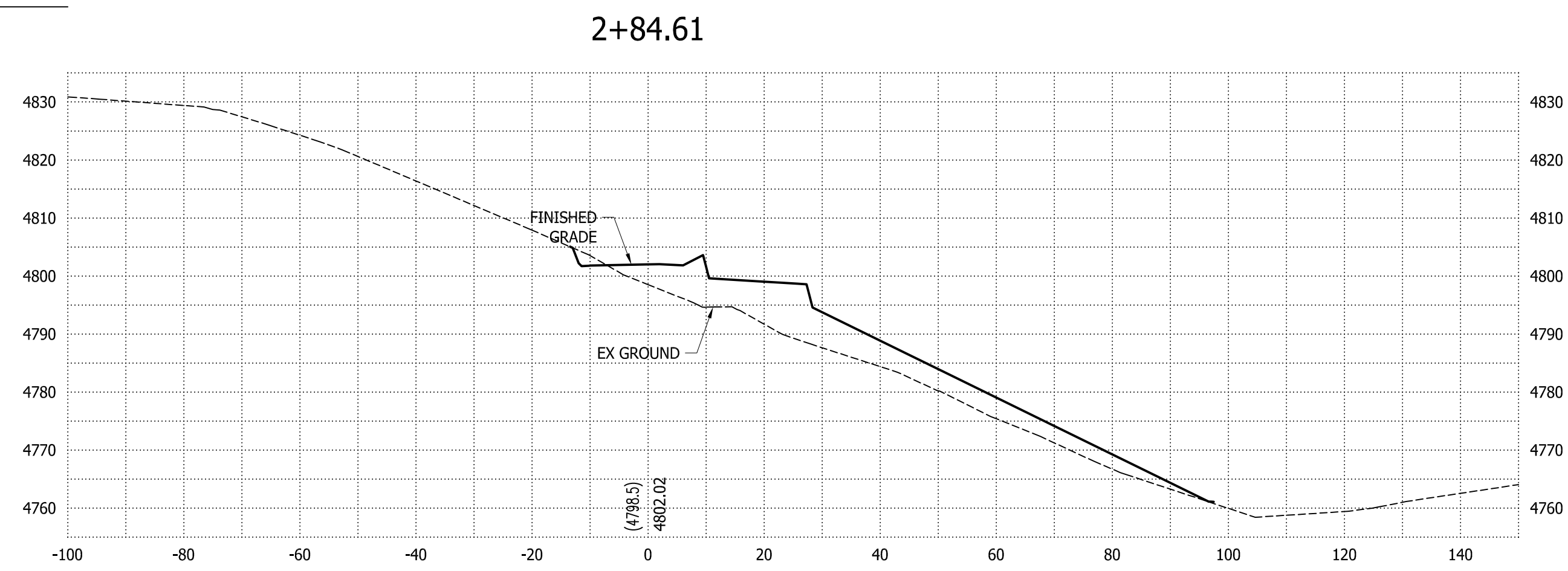
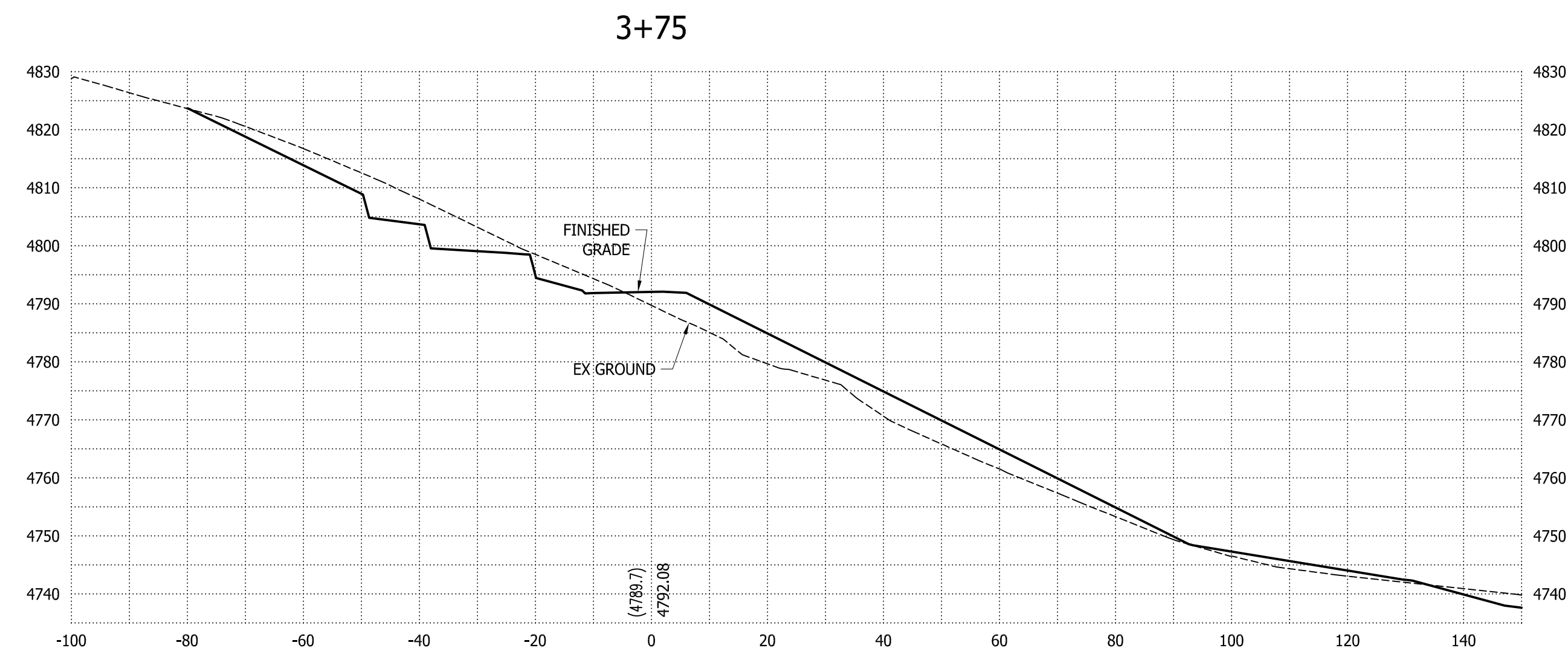
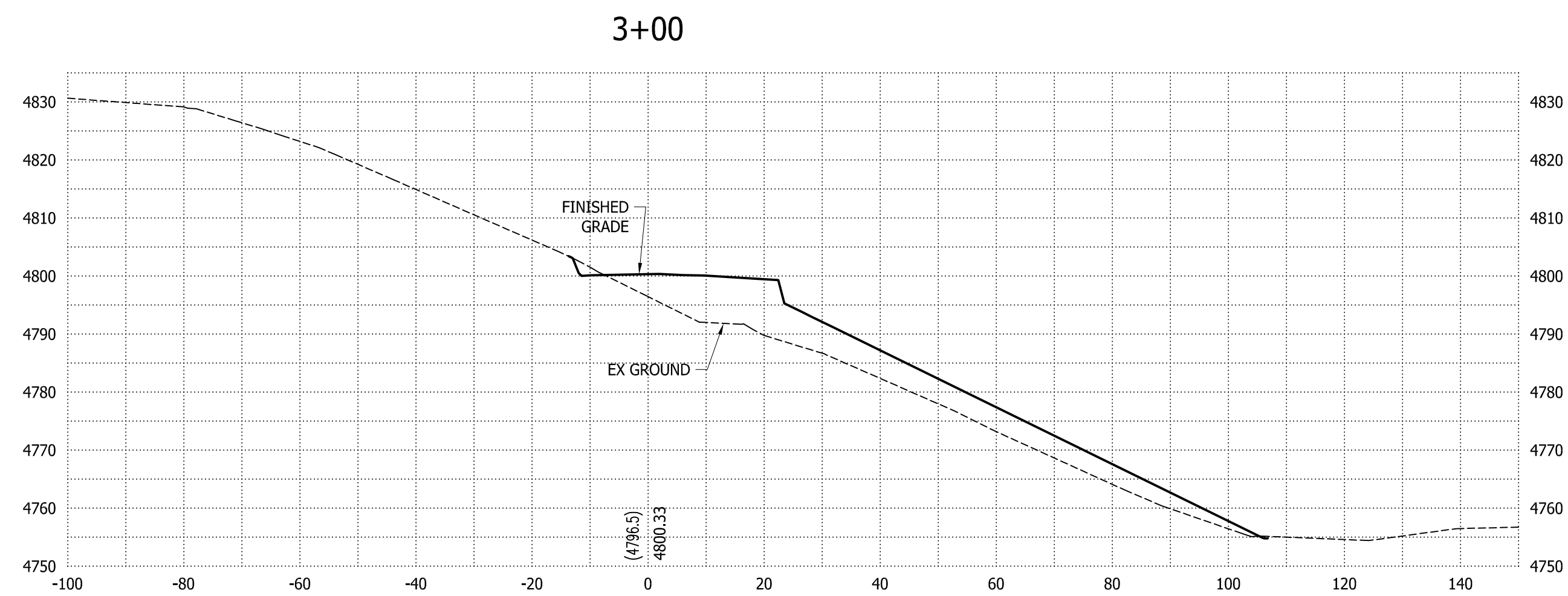
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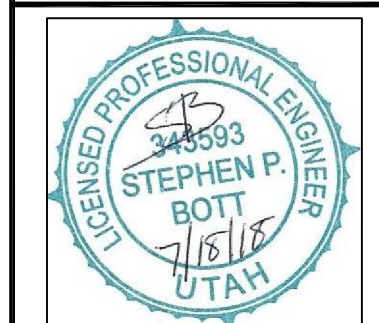
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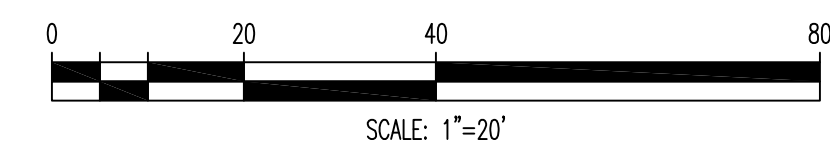
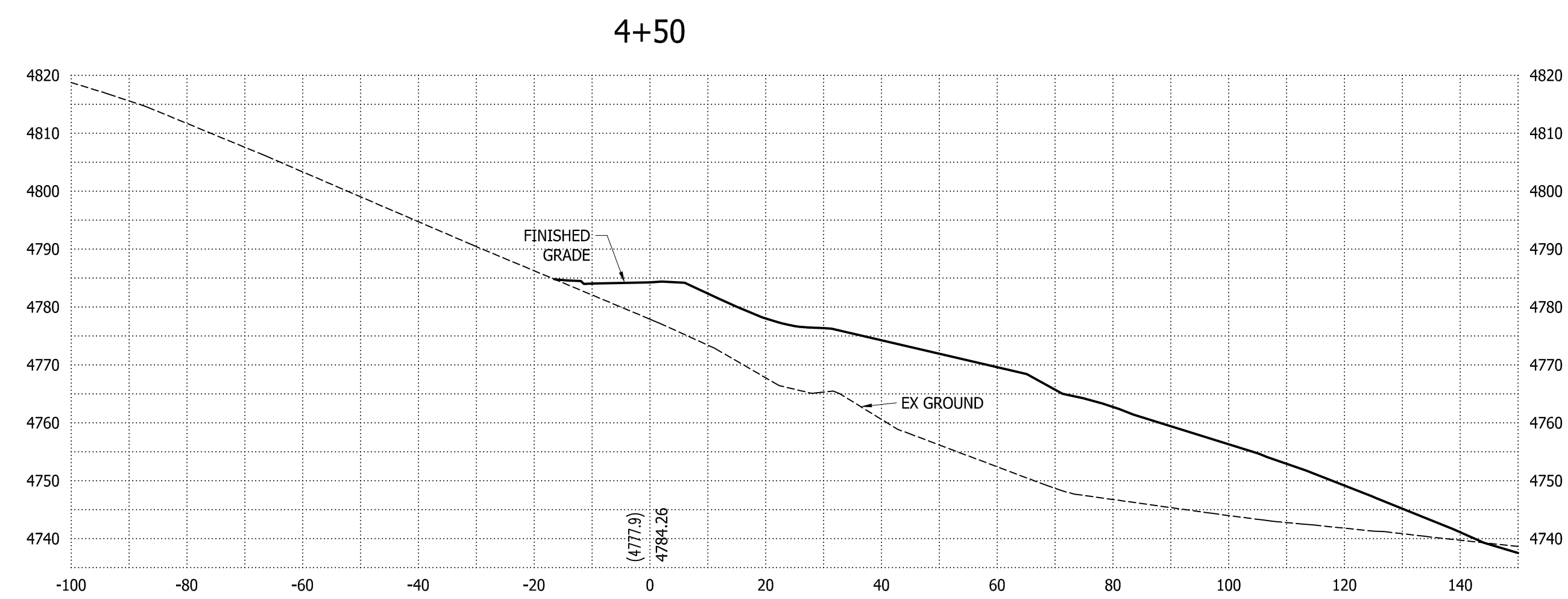
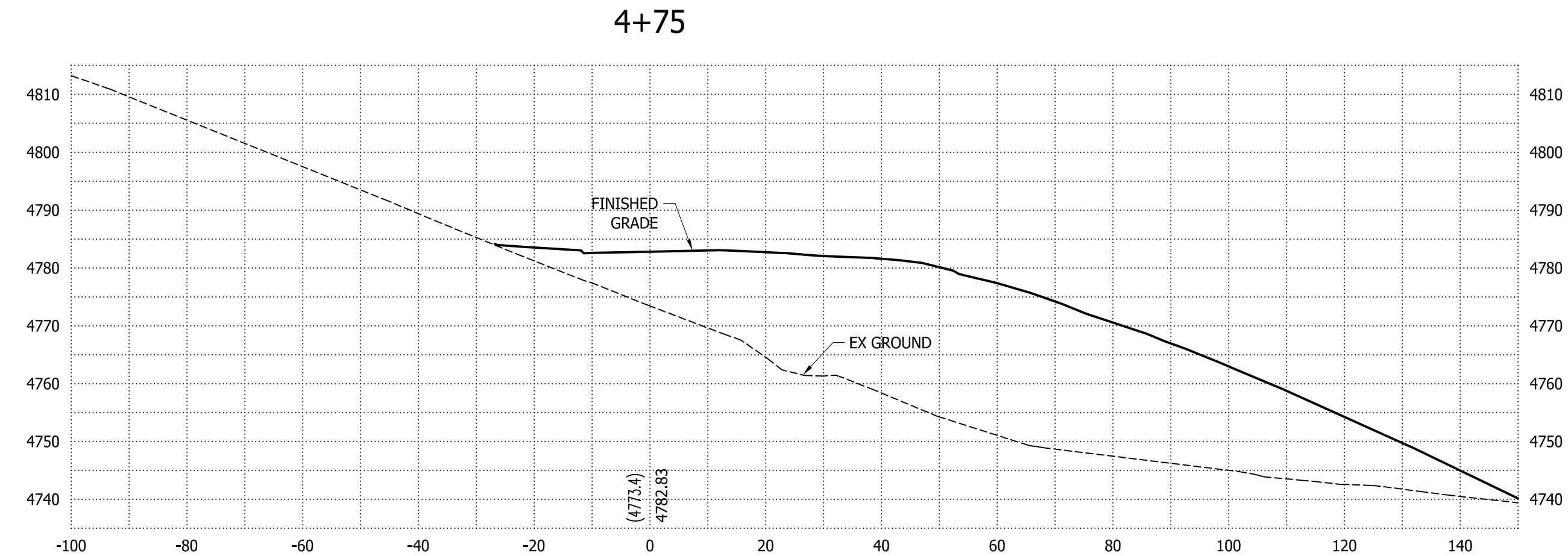
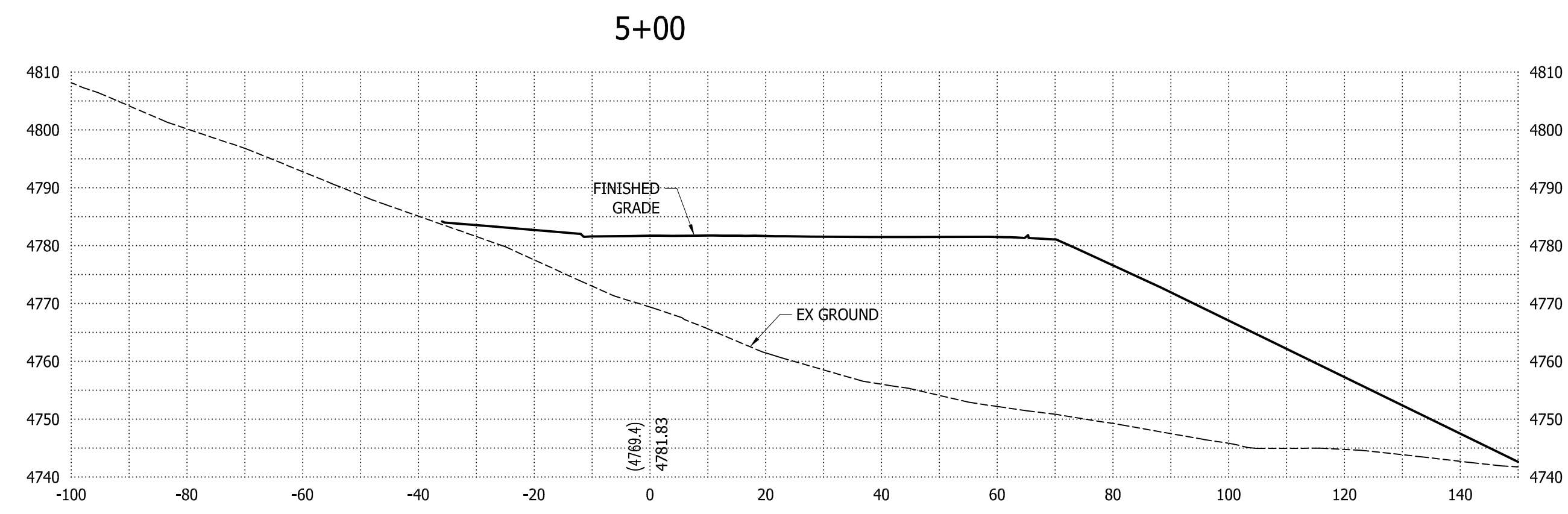
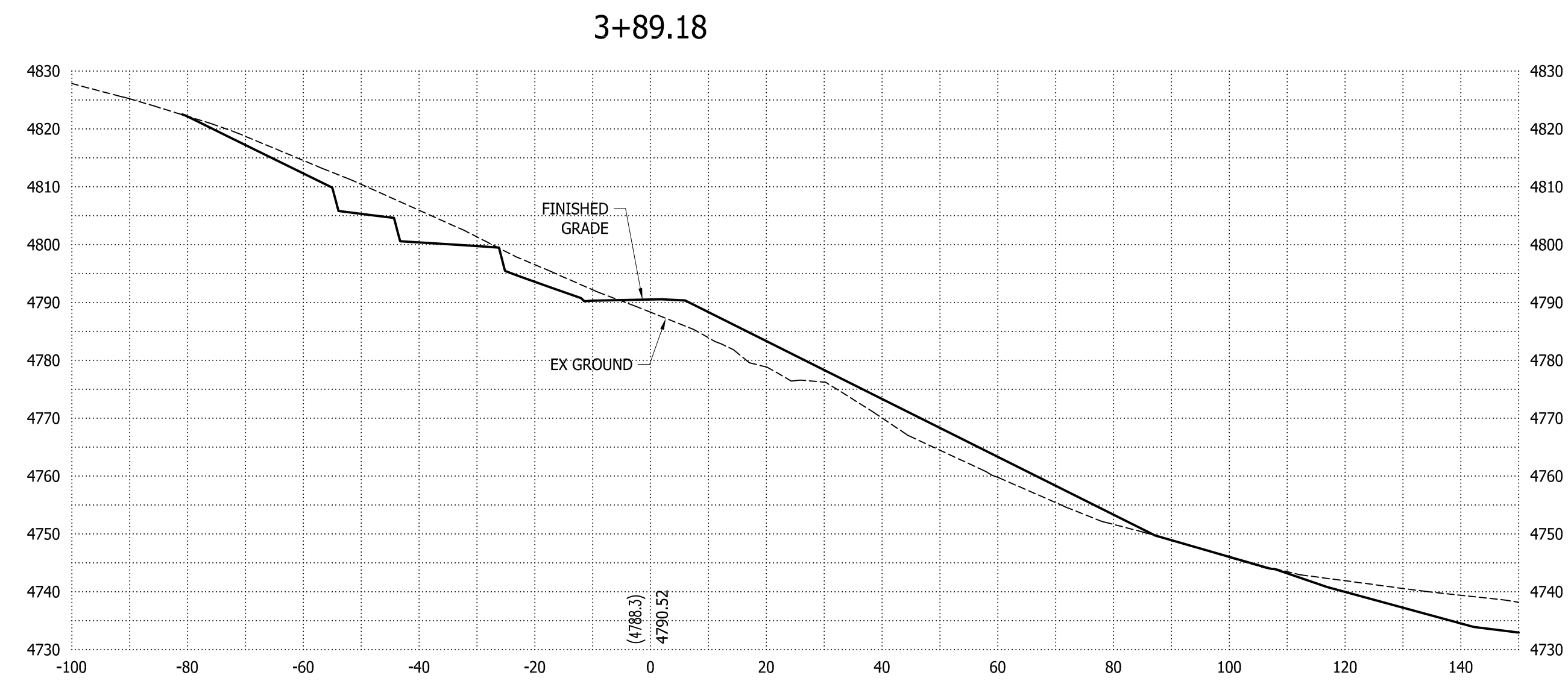
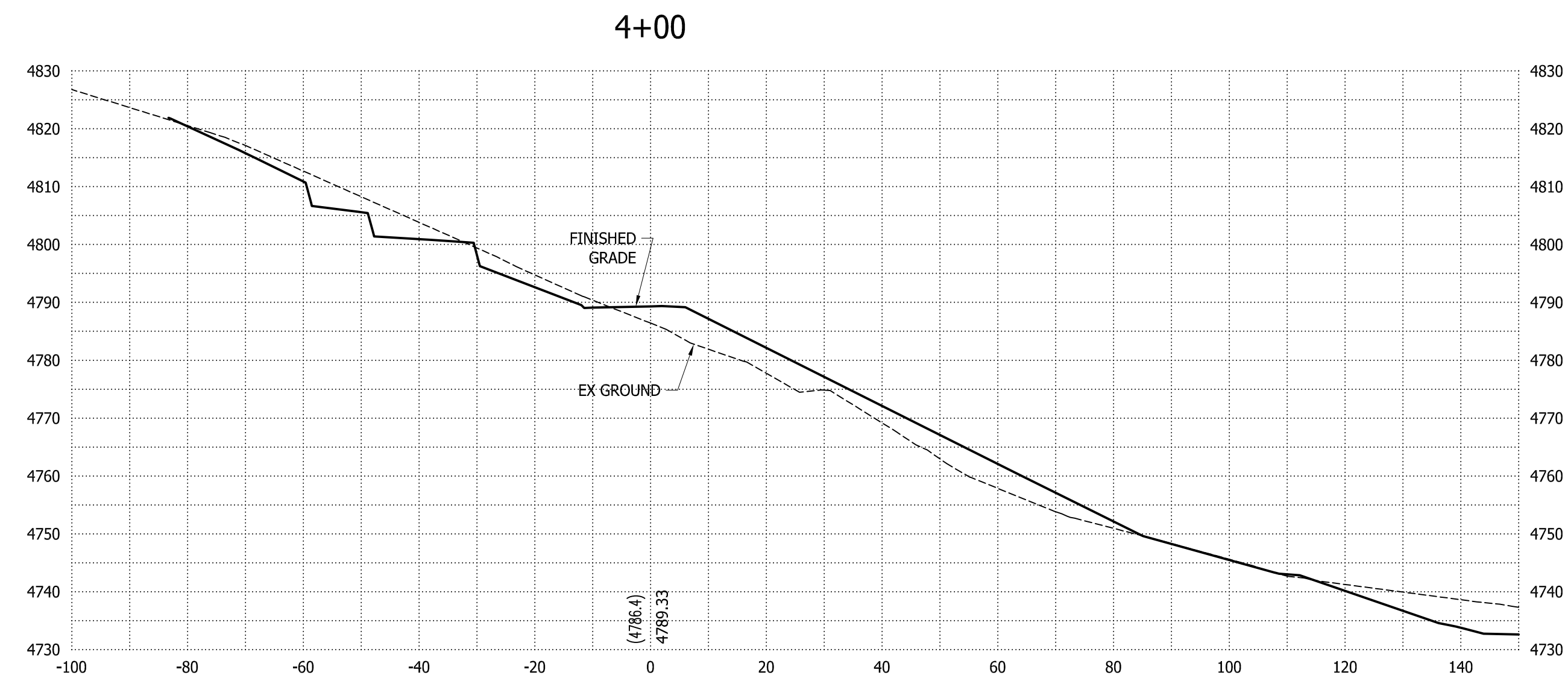
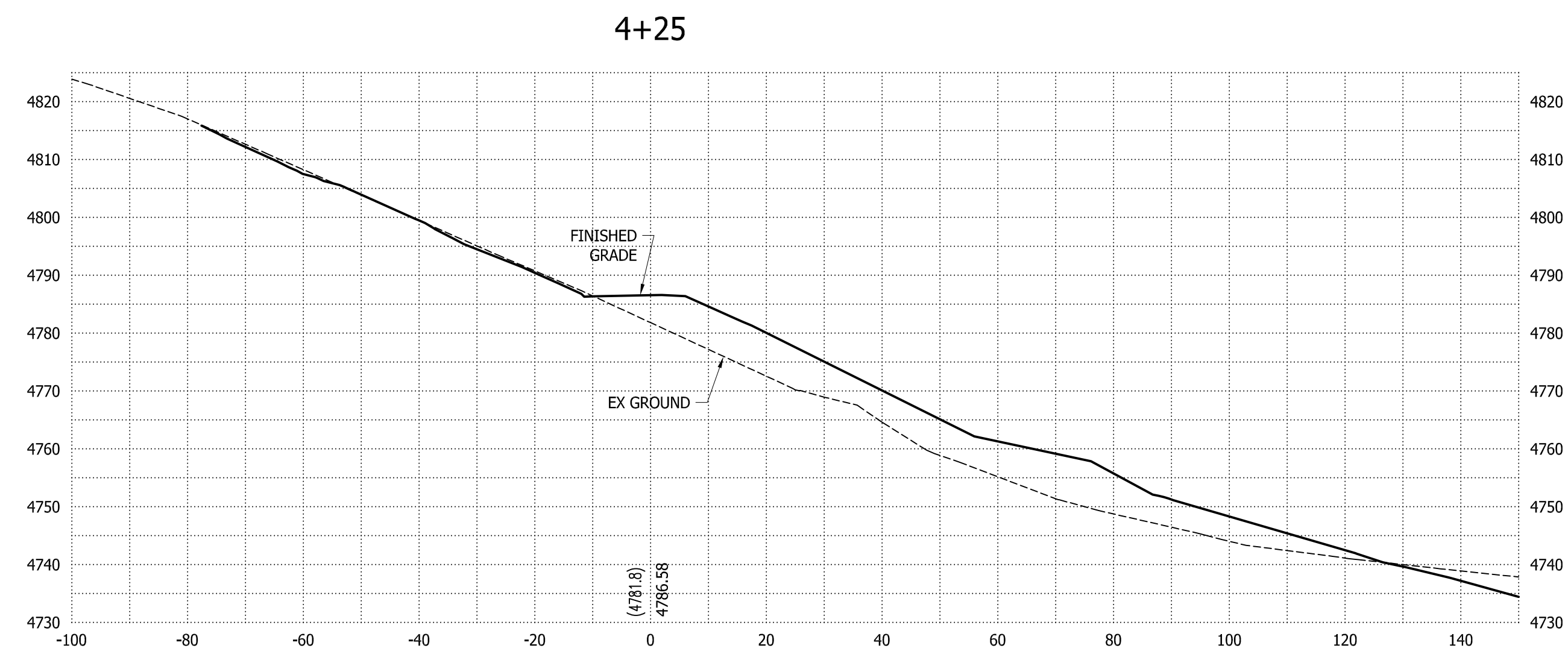


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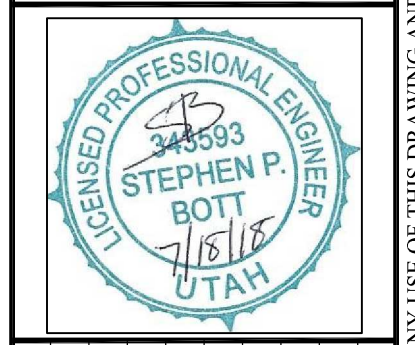
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6260 SOUTH 2125 EAST
OGDEN, UTAH
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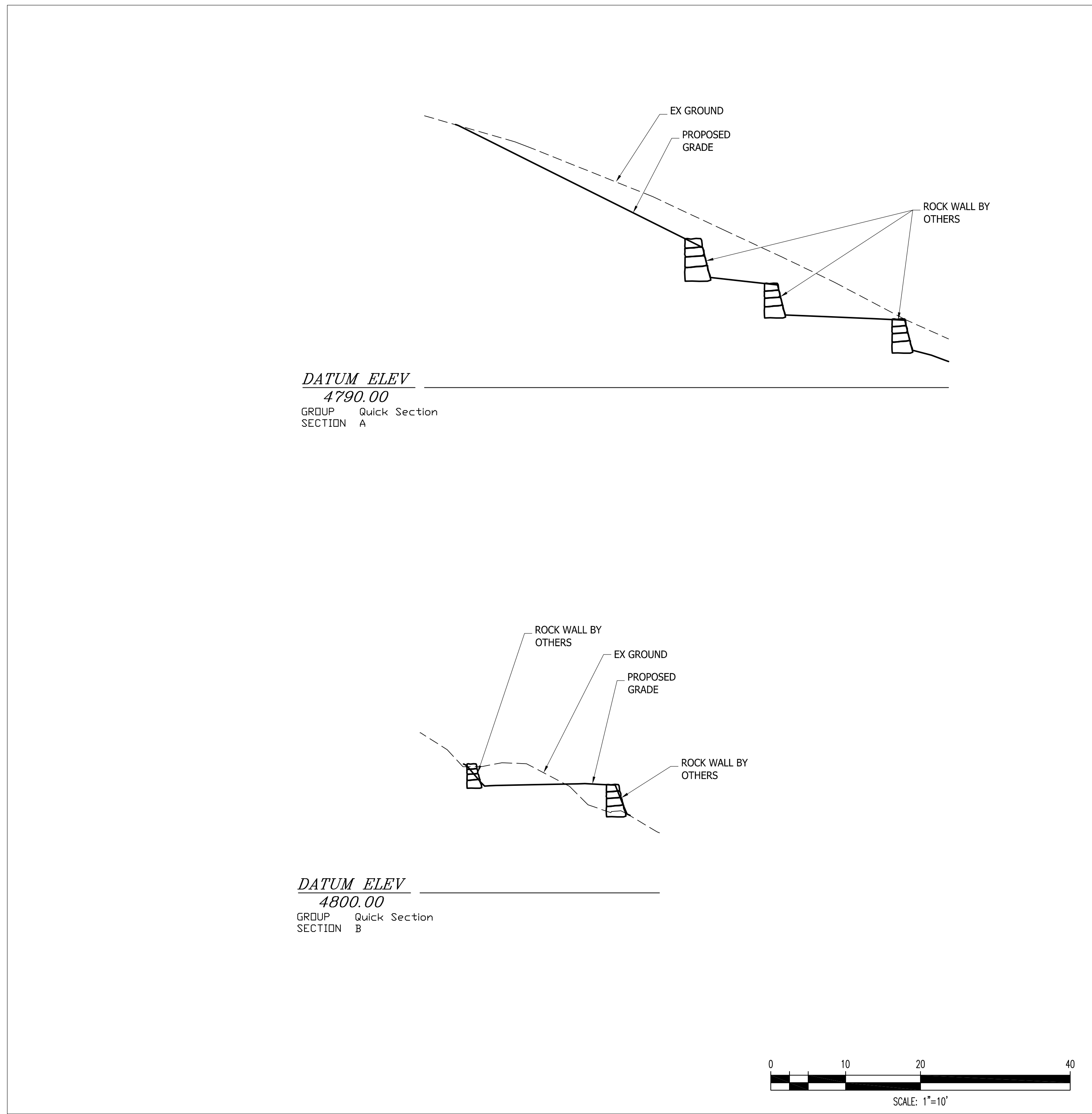
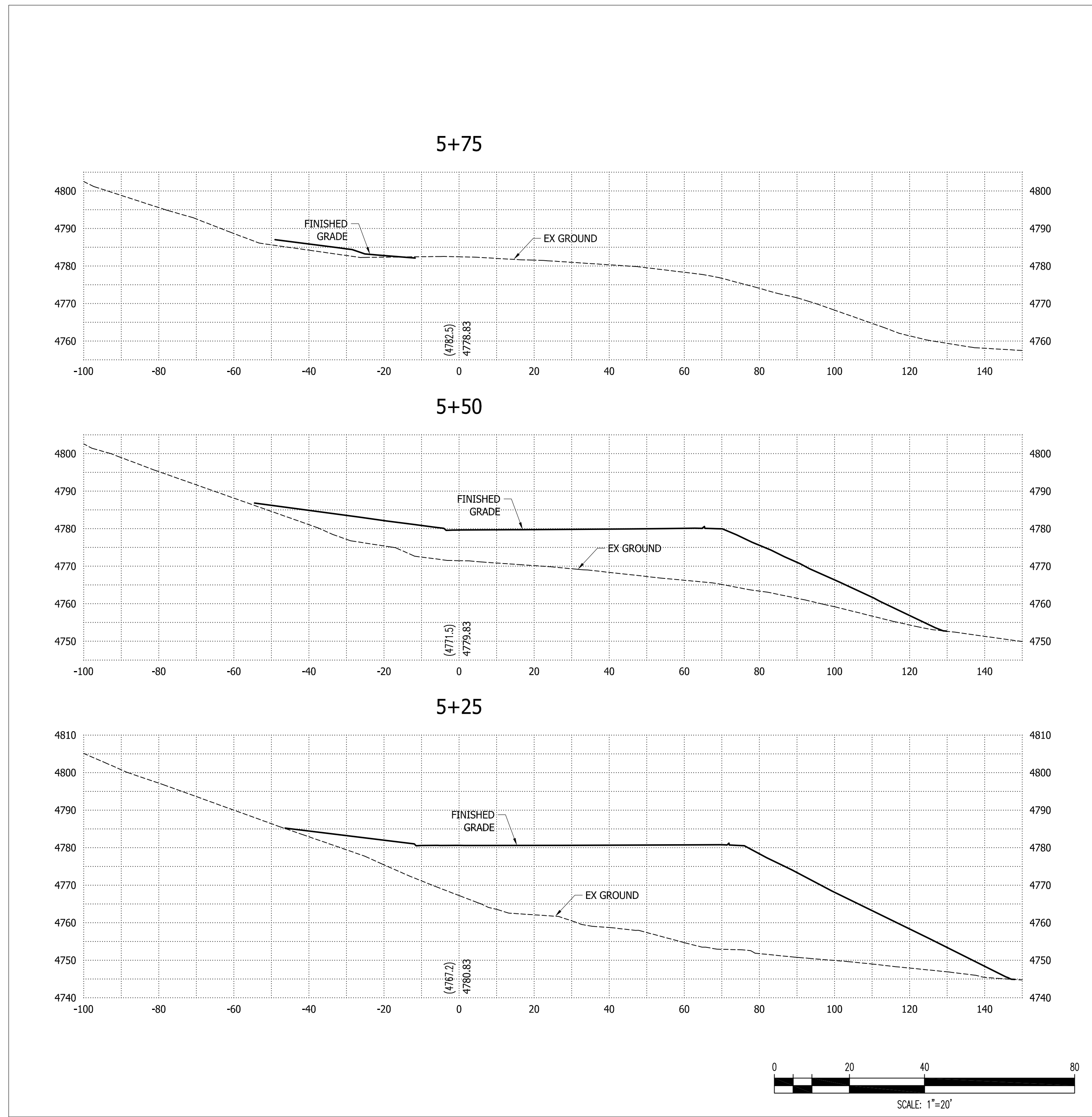
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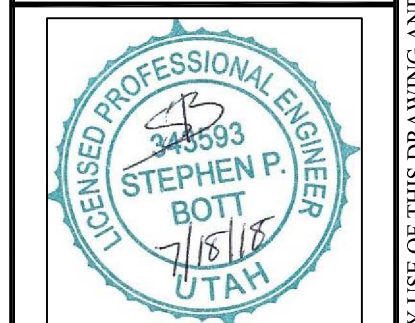
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