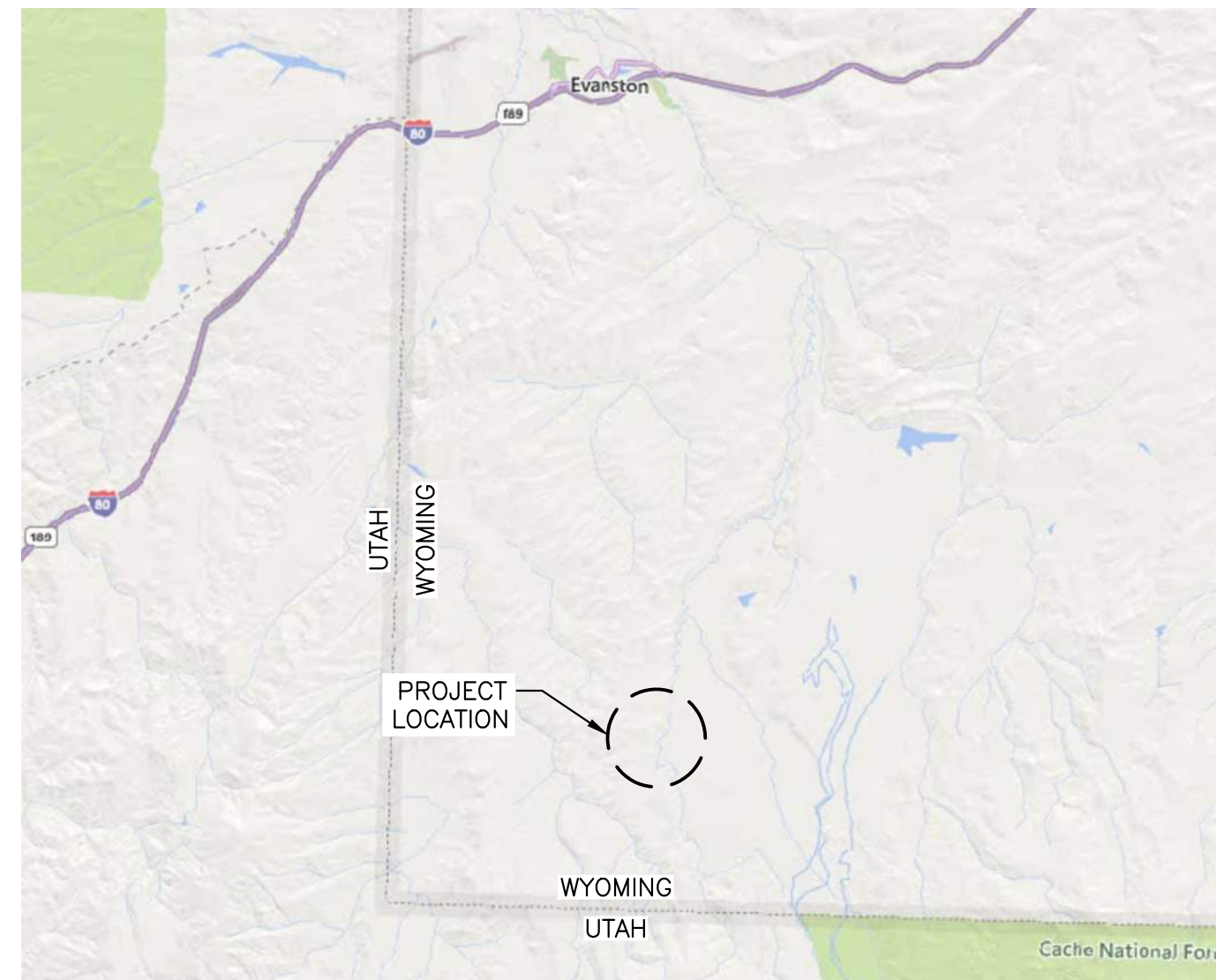


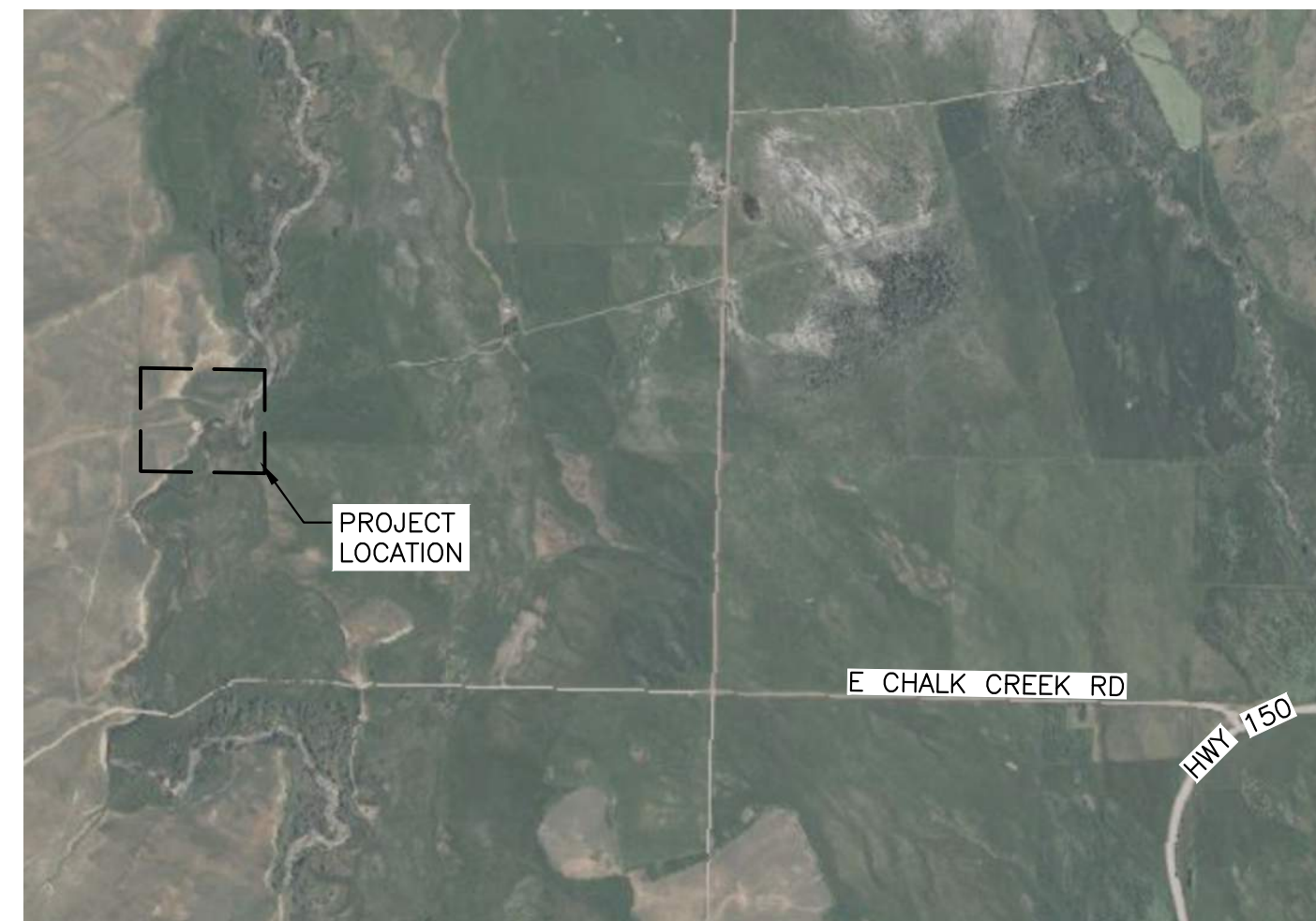
TROUT UNLIMITED

LEWIS AND HOMER DIVERSION PROJECT

ISSUED FOR CONSTRUCTION



VICINITY MAP
SCALE: NTS



LOCATION MAP
SCALE: NTS



PROJECT SITE MAP
SECTION 3, TOWNSHIP 12N, RANGE 120W
UINTA COUNTY, WYOMING
LATITUDE: 41°03'15.11"N, LONGITUDE: 110°55'48.77"W



DRAWING INDEX	
DRAWING NO.	DESCRIPTION
GENERAL	
G001	LOCATION MAP VICINITY MAP PROJECT LIMITS AND DRAWING INDEX
G002	STANDARD ABBREVIATIONS
G003	HYDRAULIC PROFILE AND WATER RIGHTS
G004	EXISTING SITE PLAN AND SURVEY CONTROL
ESC	
EC01	STANDARD EROSION SEDIMENT CONTROL DETAILS
EC02	EROSION AND SEDIMENT CONTROL PLAN
DEMOLITION	
D001	DEMOLITION PLAN
CIVIL	
C100	OVERALL SITE PLAN
C101	ROUGHENED RIFFLE PLAN AND PROFILE
C102	ROUGHENED RIFFLE DETAIL
C103	BANK PROTECTION PLAN AND SECTIONS
C104	HOMER HEADGATE PLAN AND DETAILS
C105	LEWIS HEADGATE PLAN AND DETAILS

DIRECTIONS

FROM EVANSTON WYOMING, TAKE WY-150 SOUTH 18.7 MILES. TURN RIGHT ON EAST CHALK CREEK ROAD AND FOLLOW 2.4 MILES. TAKE A RIGHT AT GATED DUAL TRACK DIRT ROAD AND FOLLOW 0.8 MILES TO PROJECT SITE.

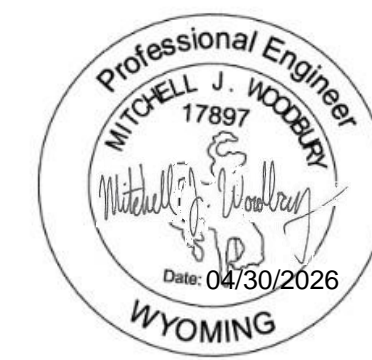
THE PROJECT IS LOCATED ON PRIVATE PROPERTY AND AN ACTIVE CATTLE RANCH. CONTRACTOR SHALL ACCESS AND UTILIZE PROPERTY WITH OWNER'S CONSENT.

REV	DATE	BY	DESCRIPTION
2	04/30/26	MJM	ISSUED FOR CONSTRUCTION
1	02/24/26	MJM	90% DRAFT SUBMITTAL



DESIGNED MJM
DRAWN MJM
CHECKED NK
ISSUED DATE 04/30/26

TROUT UNLIMITED
LEWIS & HOMER DIVERSION PROJECT
LOCATION MAP VICINITY MAP PROJECT LIMITS AND DRAWING INDEX



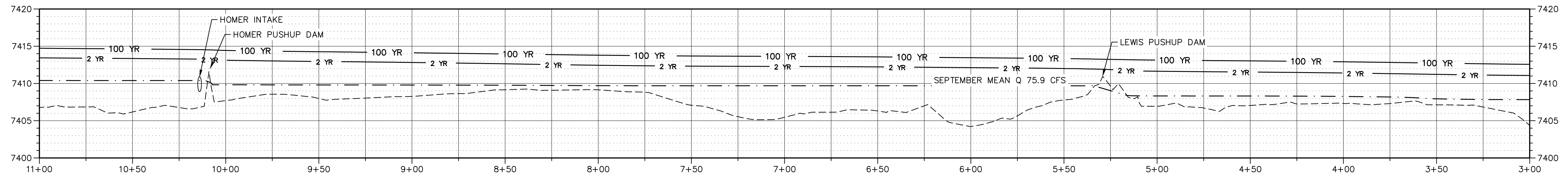
DRAWING
G001

SHEET NOTES:

1. SITE HYDROLOGY WAS DEVELOPED FROM USGS STREAMGAGE 10011500 – BEAR RIVER AT UTAH-WYOMING STATE LINE.
2. WATER RIGHTS FOR LEWIS & HOMER DIVERSIONS WERE OBTAINED FROM WYOMING STATE ENGINEER'S OFFICE (SEOFLOW.WYO.GOV).

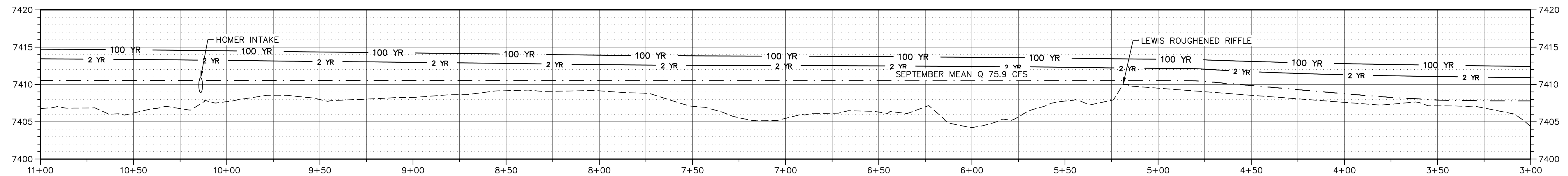
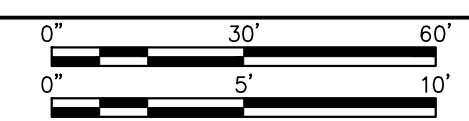
WATER RIGHTS AND AVERAGE DIVERSION RATES			
DIVERSION	LEWIS	HOMER	DESCRIPTION
WATER RIGHT	12 CFS	1 CFS	
AVERAGE DIVERSION RATES			
PERIOD	LEWIS	HOMER	
MAY – JUNE	14 CFS	5 CFS	DIVERSION RATES DURING SPRING FLOWS (NON-REGULATION PERIOD)
JULY – AUGUST	5 CFS	< 2 CFS	
SEPTEMBER	1 CFS	< 1 CFS	LEWIS DITCH SWITCHES TO RESERVOIR FLOW

BEAR RIVER HYDROLOGY		
EVENT	FLOW (CFS)	DESCRIPTION/PURPOSE
JUNE MEAN	836	
JULY MEAN	295	
AUGUST MEAN	93	
SEPTEMBER MEAN	75.9	LOW FLOW DURING IRRIGATION PERIOD
2-YEAR	1,877	BANKFULL FLOW
50-YEAR	3,312	RIFFLE STABILITY DESIGN FLOW
100-YEAR	3,499	FLOODPLAIN IMPACT



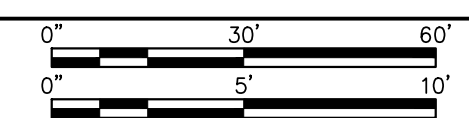
EXIST PROFILE

SCALE: HORIZ 1" = 30'
VERT 1" = 5'



PROPOSED PROFILE

SCALE: HORIZ 1" = 30'
VERT 1" = 5'



DESIGNED: MJW
DRAWN: MJW
CHECKED: NK
ISSUED DATE: 04/30/26

TROUT UNLIMITED

LEWIS & HOMER DIVERSION PROJECT

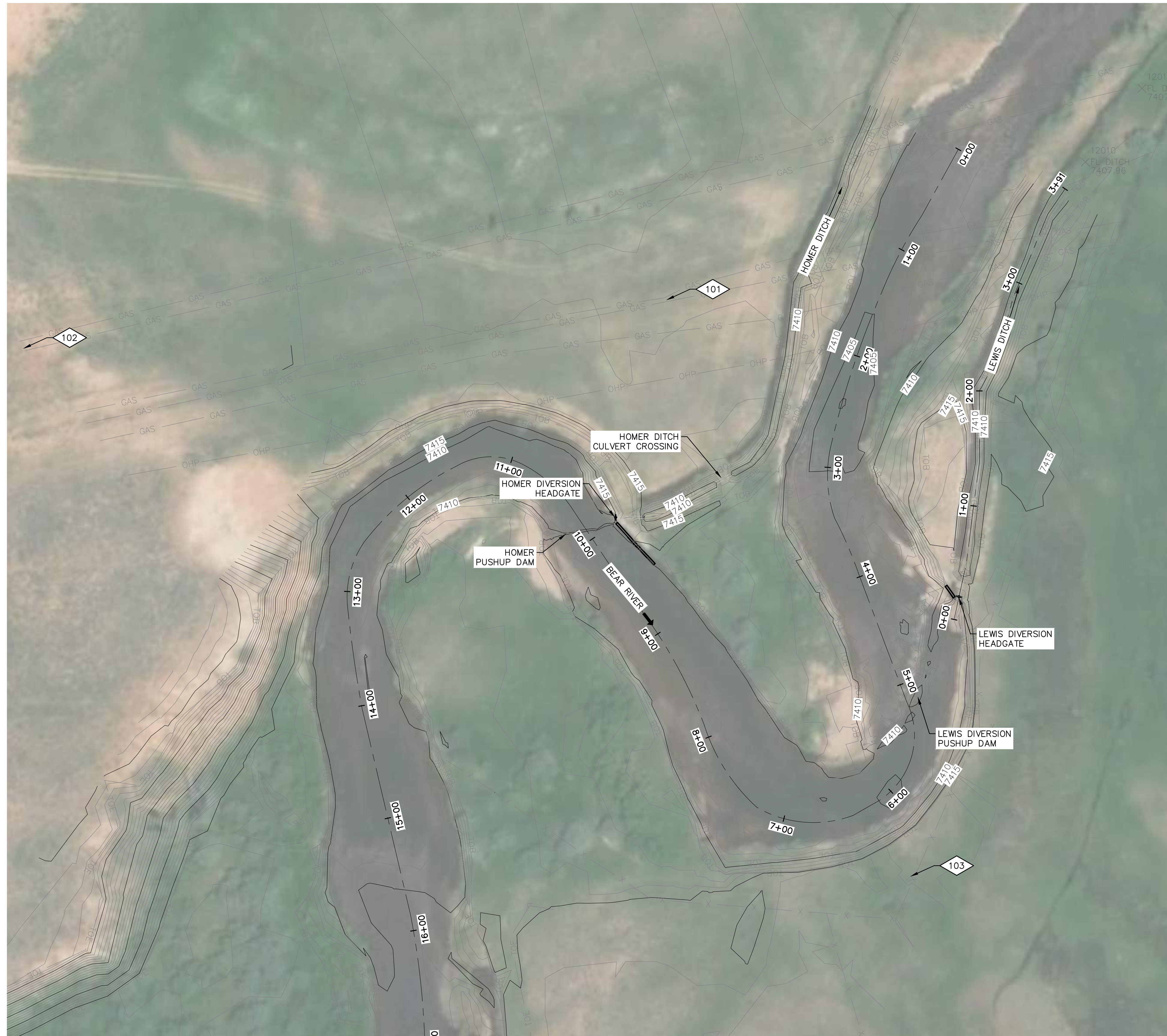
HYDRAULIC PROFILE AND WATER RIGHTS



DRAWING
G003

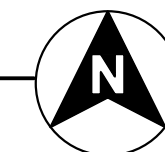
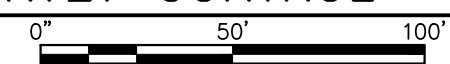
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REV	DATE	BY	DESCRIPTION
2	04/30/26	MJW	ISSUED FOR CONSTRUCTION
1	02/24/26	MJW	90% DRAFT SUBMITTAL



EXISTING SITE PLAN AND SURVEY CONTROL

SCALE: 1" = 50'



SHEET NOTES:

1. SITE SURVEY CONDUCTED BY AA HUDSON IN AUGUST, 2021.
2. SUPPLEMENTAL SURVEY DATA OF THE BEAR RIVER CHANNEL AT THE HOMER PUSHUP DAM AND LEWIS DITCH WAS OBTAINED BY AA HUDSON IN AUGUST OF 2025.
3. SURVEY ELEVATIONS AND COORDINATES ARE PRESENTED IN THE FOLLOWING GEOGRAPHIC SYSTEMS:
 VERTICAL DATUM: NAVD88.
 HORIZONTAL DATUM: NAD 83.
 PROJECTION: WYOMING STATE PLANE WEST, US SURVEY FEET.

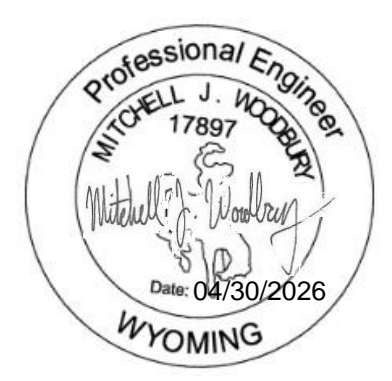
SURVEY CONTROL				
POINT NO	NORTHING	EASTING	ELEV	DESCRIPTION
101	531314.72	2391164.46	7412.69	SET REBAR PLASTIC CAP CONTROL
102	531272.65	2390606.88	7437.86	SET REBAR PLASTIC CAP CONTROL
103	530815.08	2391375.92	7417.49	SET REBAR PLASTIC CAP CONTROL

REV	DATE	BY	DESCRIPTION
2	04/30/26	MJM	ISSUED FOR CONSTRUCTION
1	02/24/26	MJM	90% DRAFT SUBMITTAL



DESIGNED MJM	ISSUED DATE 04/30/26
DRAWN MJM	
CHECKED NK	

TROUT UNLIMITED
 LEWIS & HOMER DIVERSION PROJECT
 EXISTING SITE PLAN AND SURVEY CONTROL



DRAWING
G004

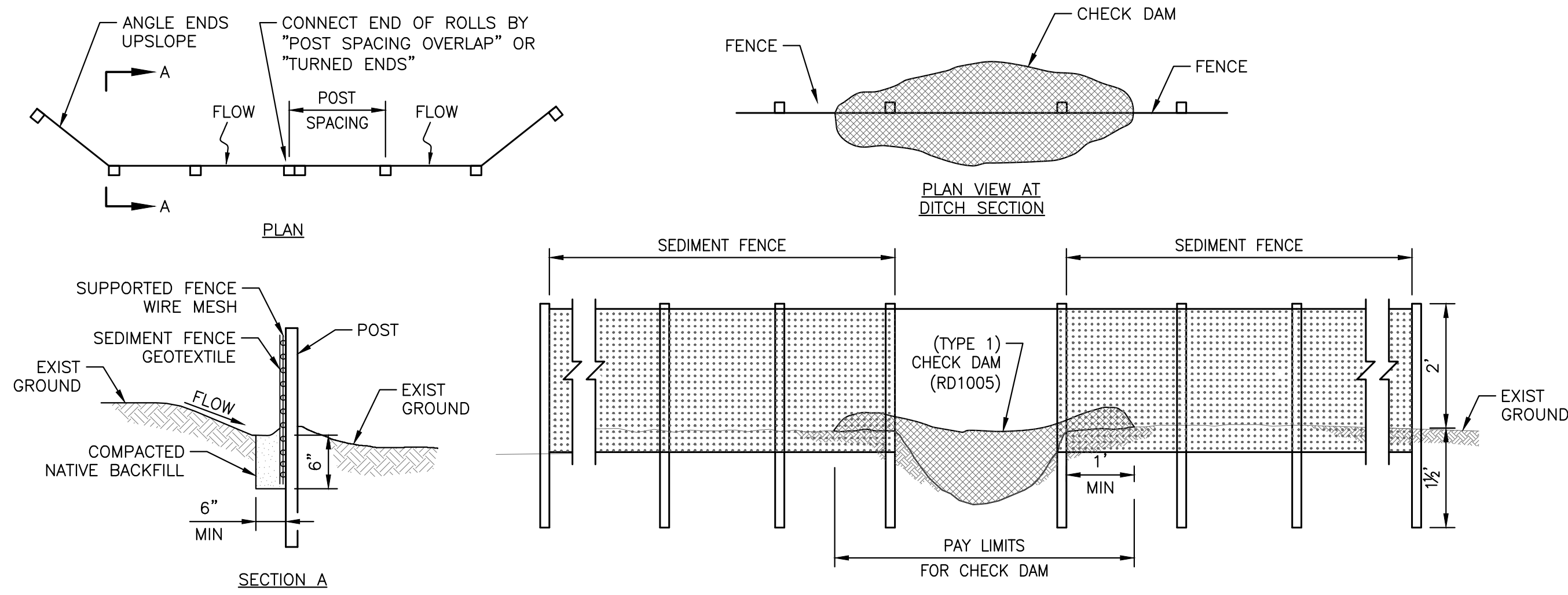


TABLE 1
FENCE SPACING FOR GENERAL APPLICATION

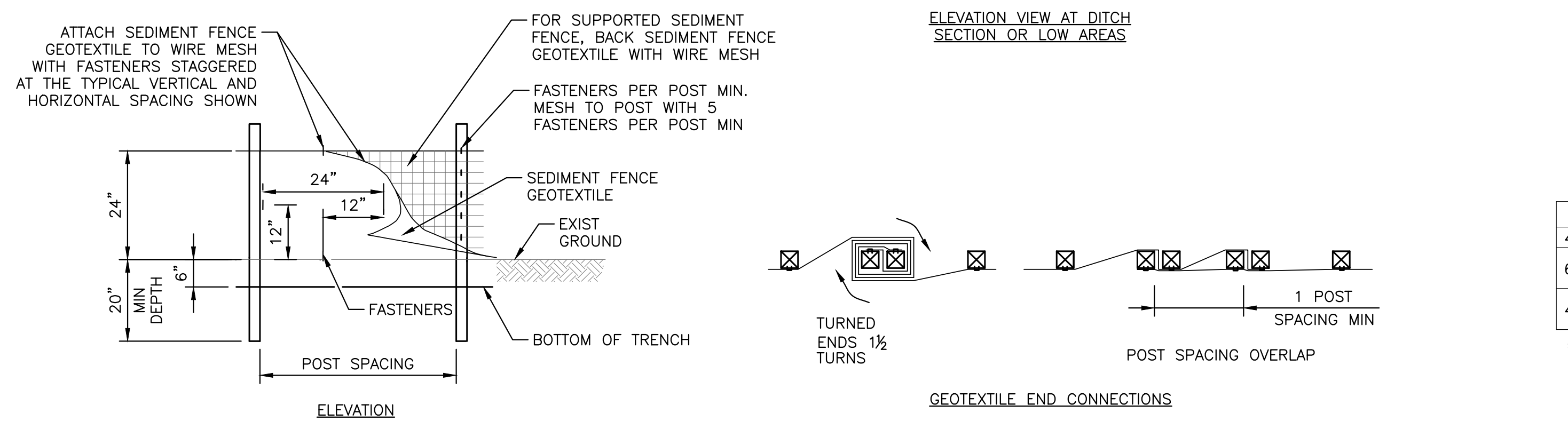
INSTALL PARALLEL ALONG CONTOURS AS FOLLOWS

GRADE	MAXIMUM SPACING ON GRADE
GRADE ≤ 0%	300'
10% ≤ GRADE < 15%	150'
15% ≤ GRADE < 20%	100'
20% ≤ GRADE < 30%	50'
30% ≤ GRADE	25'

TABLE 2
POST SPACING

4'	SUPPORTED SEDIMENT FENCE
6'	UNSUPPORTED SEDIMENT FENCE WITH GEOTEXTILE ELONGATION * LESS THAN 50%
4'	UNSUPPORTED SEDIMENT FENCE WITH GEOTEXTILE ELONGATION * MORE THAN 50%

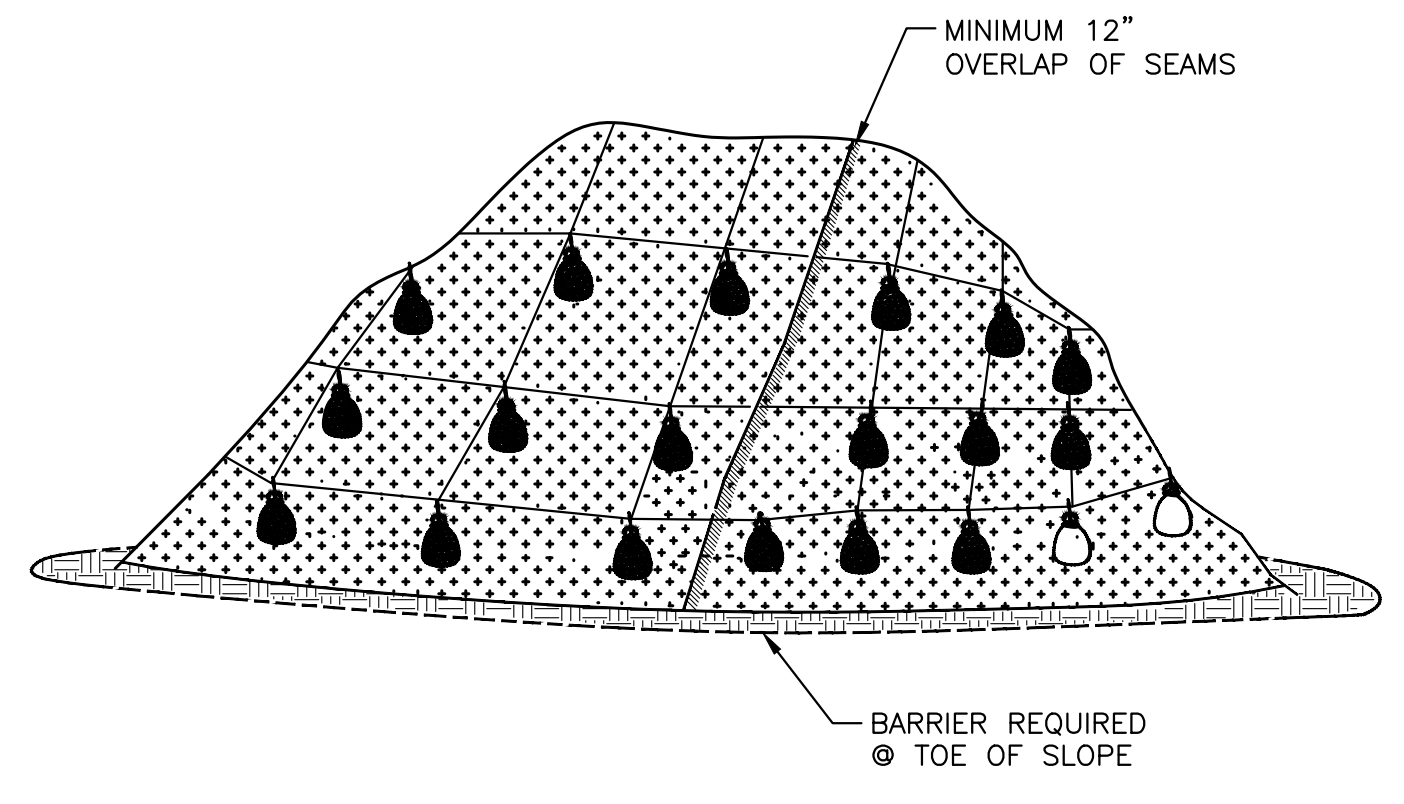
* GEOTEXTILE GRAB ELONGATION VALUE AS DOCUMENTED BY "LEVEL B" MFR'S DOCUMENTATION (SEE STANDARD SPECIFICATIONS).



SILT FENCE DETAIL

SCALE: NTS

EC101

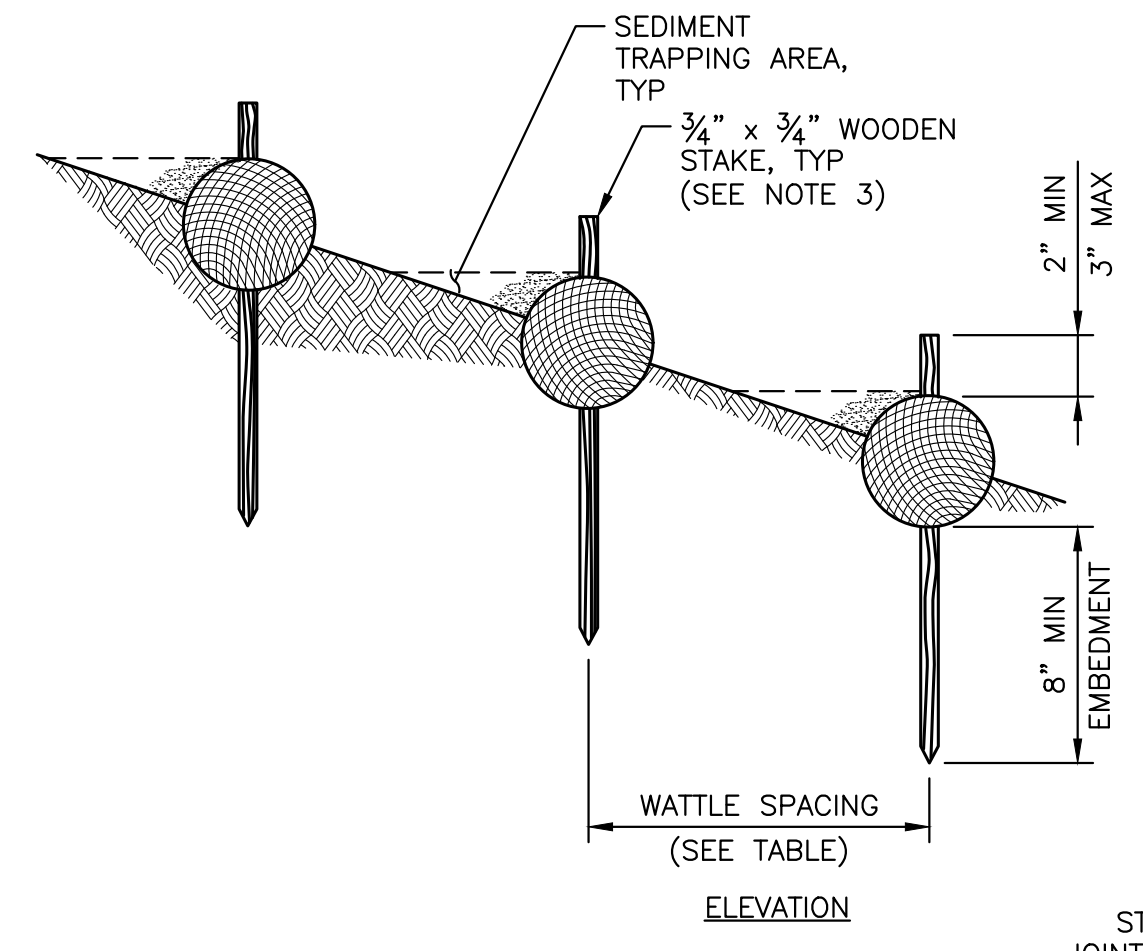


- NOTES:
1. MINIMUM 12" OVERLAP OF ALL SEAMS REQUIRED.
 2. BARRIER REQUIRED @ TOE OF STOCK PILE.
 3. COVERING MAINTAINED TIGHTLY IN PLACE BY USING SANDBAGS OR TIRES ON ROPES WITH A MAXIMUM 10' GRID SPACING IN ALL DIRECTIONS.

PLASTIC SHEETING

SCALE: NTS

EC106



WATTLE SPACING TABLE

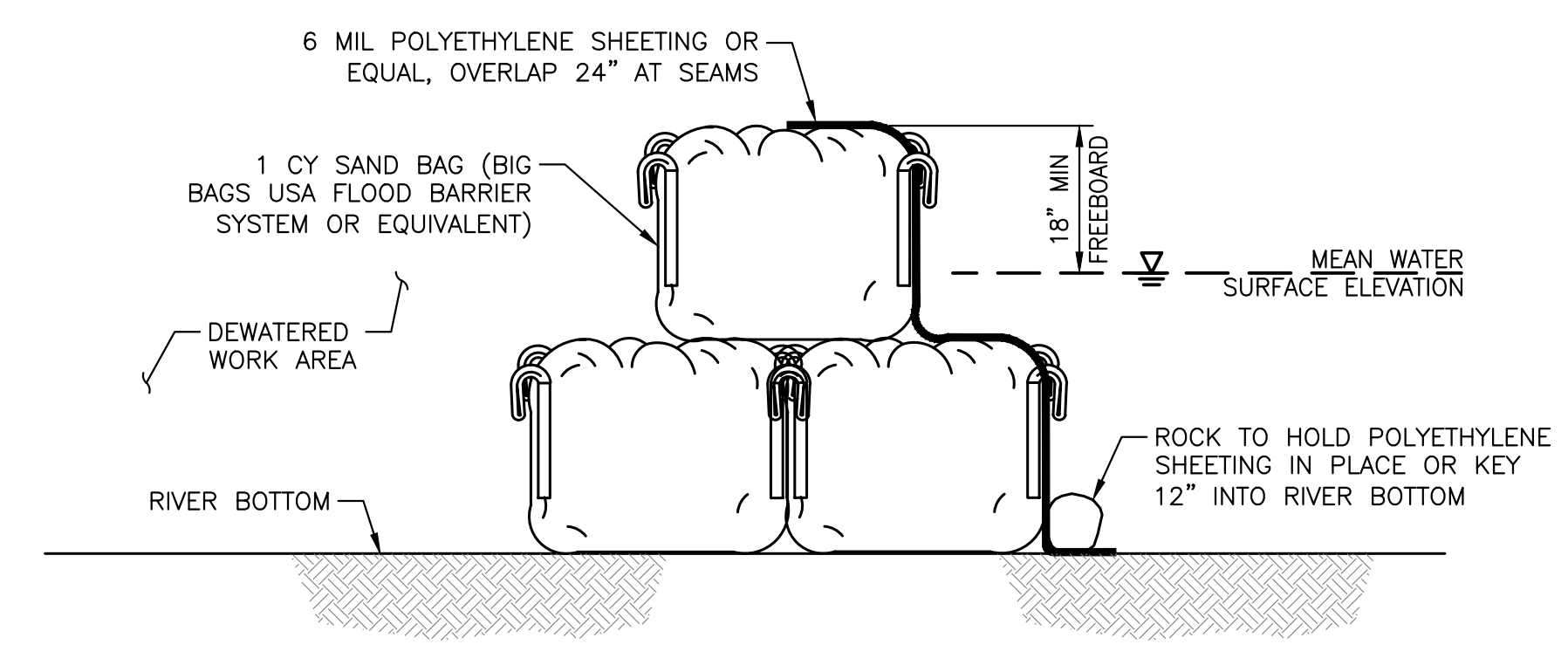
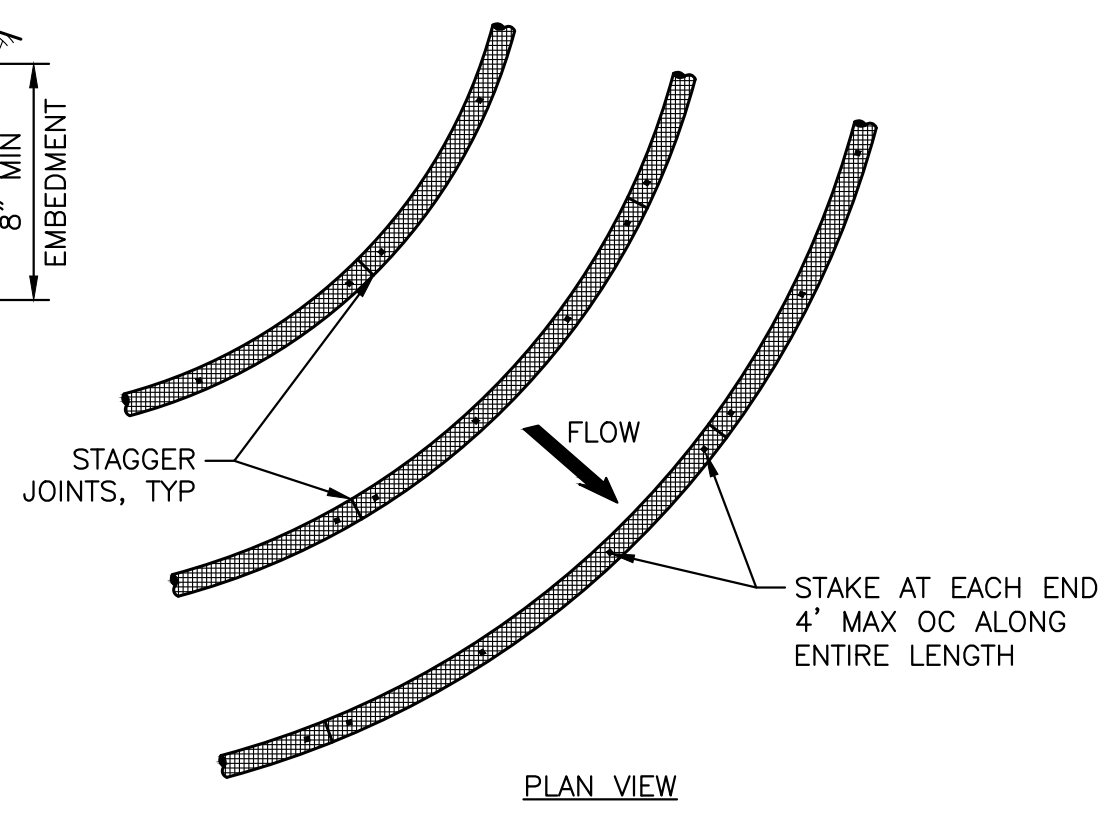
SLOPE	MAXIMUM SPACING
1:1	10 FEET
2:1	20 FEET
3:1	30 FEET
4:1	40 FEET
>4:1	80 FEET

- NOTES
1. INSTALL WATTLES ALONG CONTOURS. SEE TABLE FOR SPACING.
 2. WATTLES SHALL BE INSPECTED REGULARLY, AND IMMEDIATELY AFTER A RUNOFF PRODUCING RAINFALL, TO ENSURE THEY REMAIN THOROUGHLY ENTRENCHED AND IN CONTACT WITH THE SOIL.
 3. LIVE STAKES MAY BE USED FOR PERMANENT INSTALLATIONS.
 4. INSTALL WATTLES SNUGLY INTO THE TRENCH. ADJACENT WATTLES TIGHTLY, END TO END, WITHOUT OVERLAPPING THE ENDS.
 5. PILOT HOLES MAY BE DRIVEN THROUGH THE WATTLE AND INTO THE SOIL, WHEN SOIL CONDITIONS REQUIRE.
 6. INSTALL AT TOE OF SLOPES. SLOPES GREATER THAN 15' IN LENGTH SHALL HAVE A WATTLE INSTALLED MID SLOPE.

WATTLE

SCALE: NTS

EC107



- NOTES:
1. PROVIDE ADDITIONAL SAND BAG TIER AS NECESSARY TO ACCOMMODATE DEEPER WATER DEPTHS UP TO A MAXIMUM OF 3 TIERS TOTAL.

TEMPORARY COFFERDAM

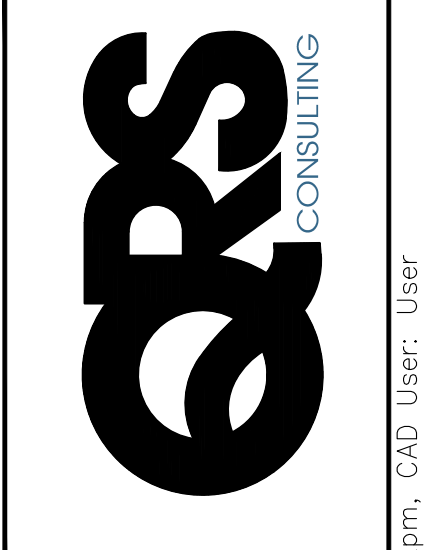
SCALE: NTS

EC110

SHEET NOTES:

1. ALL TEMPORARY EROSION, SEDIMENT CONTROL, AND DEWATERING MEASURES SHOWN IN THIS PLAN SET ARE FOR CONTRACTORS INFORMATION ONLY.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING, IMPLEMENTING, AND MAINTAINING AN EROSION, SEDIMENT CONTROL, AND DEWATERING PLAN THAT MEETS ALL STATE, FEDERAL, AND LOCAL REQUIREMENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE TEMPORARY MEASURES FOR THE DURATION OF THE PROJECT.
4. ALL TEMPORARY MEASURES SHALL BE IMPLEMENTED PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.
5. ALL CONSTRUCTION EQUIPMENT SHALL BE CLEAN AND FREE OF DIRT, GREASE, AND DEBRIS UPON ARRIVAL TO THE SITE.
6. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO PETROLEUM PRODUCTS, HYDRAULIC FLUID, SEDIMENTS, SEDIMENT-LADEN WATER, CHEMICALS, OR ANY OTHER TOXIC OR DELETERIOUS MATERIALS ARE ALLOWED TO ENTER OR LEACH INTO ADJACENT RIVERS, STREAMS, OR WETLANDS.
7. ALL DISCHARGE FROM DEWATERING ACTIVITIES SHALL BE RELEASED IN SUCH A MANNER THAT PREVENTS EROSION OR DAMAGE AT THE POINT OF DISCHARGE. DISCHARGE RETURNING TO NATURAL WATERWAYS SHALL ADHERE TO ALL APPLICABLE WATER QUALITY STANDARDS.
8. ALL TEMPORARY EROSION, SEDIMENT CONTROL, AND DEWATERING MATERIALS SHALL BE REMOVED AND DISPOSED OF AT AN APPROPRIATE OFFSITE LOCATION FOLLOWING COMPLETION OF PERMANENT SITE STABILIZATION.
9. ALL STAGING, CLEARING AND GRADING AREAS SHALL BE ISOLATED FROM NATURAL WATERWAYS AND WETLANDS USING SILT FENCE AND/OR STRAW WATTLE BARRIERS.
10. ALL SOIL AND MATERIAL STOCKPILES SHALL BE PLACED IN A STABLE LOCATION AND PLASTIC SHEETING SHALL BE USED TO TEMPORARILY COVER SOIL AND/OR MATERIAL DURING CONSTRUCTION IF INACTIVE FOR A PERIOD OF MORE THAN 7 DAYS. SEE STANDARD DETAIL EC106.

REV	DATE	BY	DESCRIPTION
2	04/30/26	MJM	ISSUED FOR CONSTRUCTION
1	02/24/26	MJM	90% DRAFT SUBMITTAL



DESIGNED	MJM
DRAWN	MJM
CHECKED	NK
ISSUED DATE	04/30/26

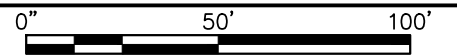
TROUT UNLIMITED
LEWIS & HOMER DIVERSION PROJECT
STANDARD EROSION SEDIMENT CONTROL DETAILS



DRAWING
EC01

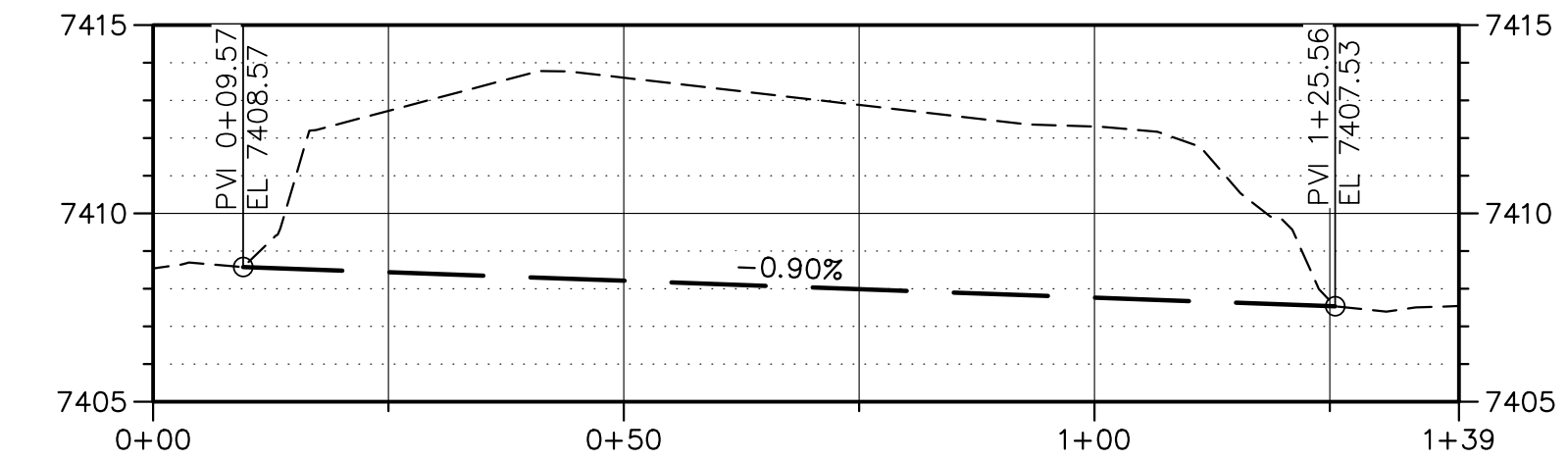


EXISTING SITE PLAN AND SURVEY CONTROL
SCALE: 1" = 50'



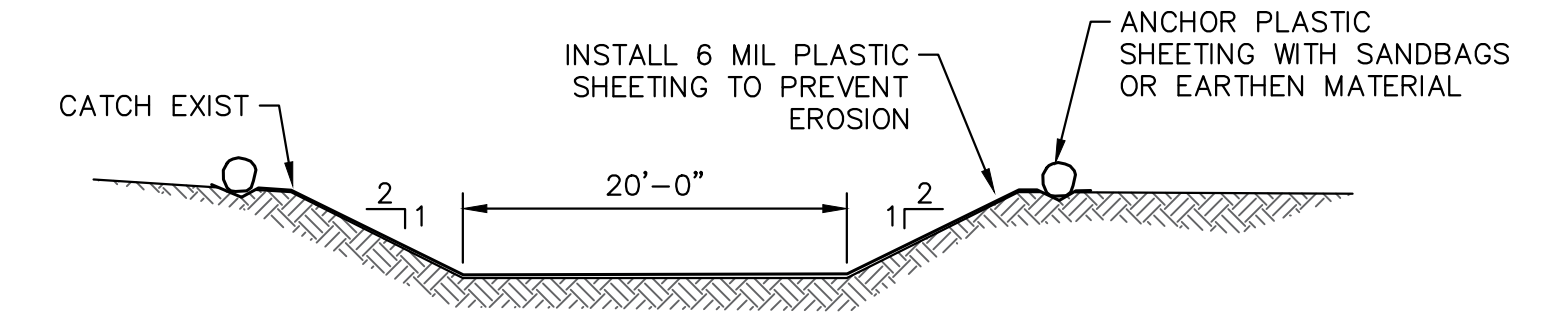
SHEET NOTES:

1. CONTRACTOR SHALL INSTALL BMP'S (SHEET ESC01) AROUND CONTRACTOR STAGING AND STOCKPILE AREAS.
2. TEMPORARY DEWATERING MEASURES SHOWN ARE FOR EXAMPLE. CONTRACTOR IS RESPONSIBLE FOR DEWATERING OF THE PROJECT AREA FOR COMPLETION OF THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. NATIVE MATERIAL FROM TEMPORARY BYPASS CHANNEL SHALL BE STOCKPILED AND REPLACED UPON COMPLETION OF THE WORK.



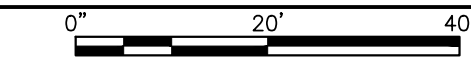
PROFILE

SCALE: HORIZ 1" = 20'
VERT 1" = 5'



TEMPORARY BYPASS CHANNEL SECTION

SCALE: 1" = 20'



REV	DATE	BY	DESCRIPTION
2	04/30/26	MJM	ISSUED FOR CONSTRUCTION
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DESIGNED MJM	ISSUED DATE 04/30/26
DRAWN MJM	
CHECKED NK	

TROUT UNLIMITED
LEWIS & HOMER DIVERSION PROJECT
EROSION AND SEDIMENT CONTROL PLAN

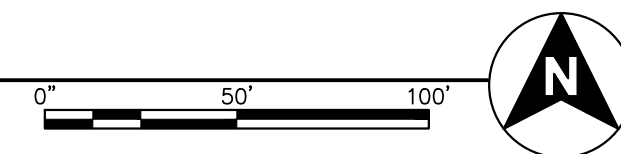


DRAWING
EC02



DEMOLITION PLAN

SCALE: 1" = 50'



DEMOLITION NOTES:

1. ALL DEMOLITION MATERIALS SHALL BE DISPOSED OF AT AN OFFSITE RECYCLING CENTER AND/OR WASTE DISPOSAL FACILITY.
2. CONTRACTOR SHALL SEPARATE AND DISPOSE OF MISCELLANEOUS CONCRETE RUBBLE FROM PUSHUP DAMS AND WORK AREAS.
3. ECOBLOCKS USED IN THE EXISTING PUSHUP DAMS SHALL BE RETAINED ON SITE FOR REUSE IN THE PROJECT.
4. NATIVE FILL MATERIAL FROM THE PUSHUP DAMS AND/OR EXCAVATIONS SHALL BE SPREAD ON-SITE AS NOTED IN THE PLANS OR AS DIRECTED BY THE ENGINEER OR TU REPRESENTATIVE.
5. CONTRACTOR SHALL REMOVE AND DISPOSE OF ANY STOCKPILED WOOD DEBRIS ADJACENT TO THE HEADGATES.
6. AT THE DISCRETION AND DIRECTION OF THE ENGINEER OR TU REPRESENTATIVE, ANY LARGE WOOD FOUND ON SITE MAY BE WORKED INTO THE BANKS BELOW THE RIFFLE.
7. WELL DEVELOPED RIPARIAN VEGETATION LOCATED WITHIN THE AREAS OF DISTURBANCE SHALL BE REMOVED WITH ROOTWAD INTACT, PRESERVED, AND REPLANTED UPON COMPLETION OF THE WORK. CONTRACTOR SHALL STORE ALL RIPARIAN VEGETATION CLUMPS IN A WETTED AREA DURING PERFORMANCE OF THE WORK.
8. ALL ESC AND DEWATERING MEASURES SHALL BE IN PLACE PRIOR TO THE START OF DEMOLITION WORK.

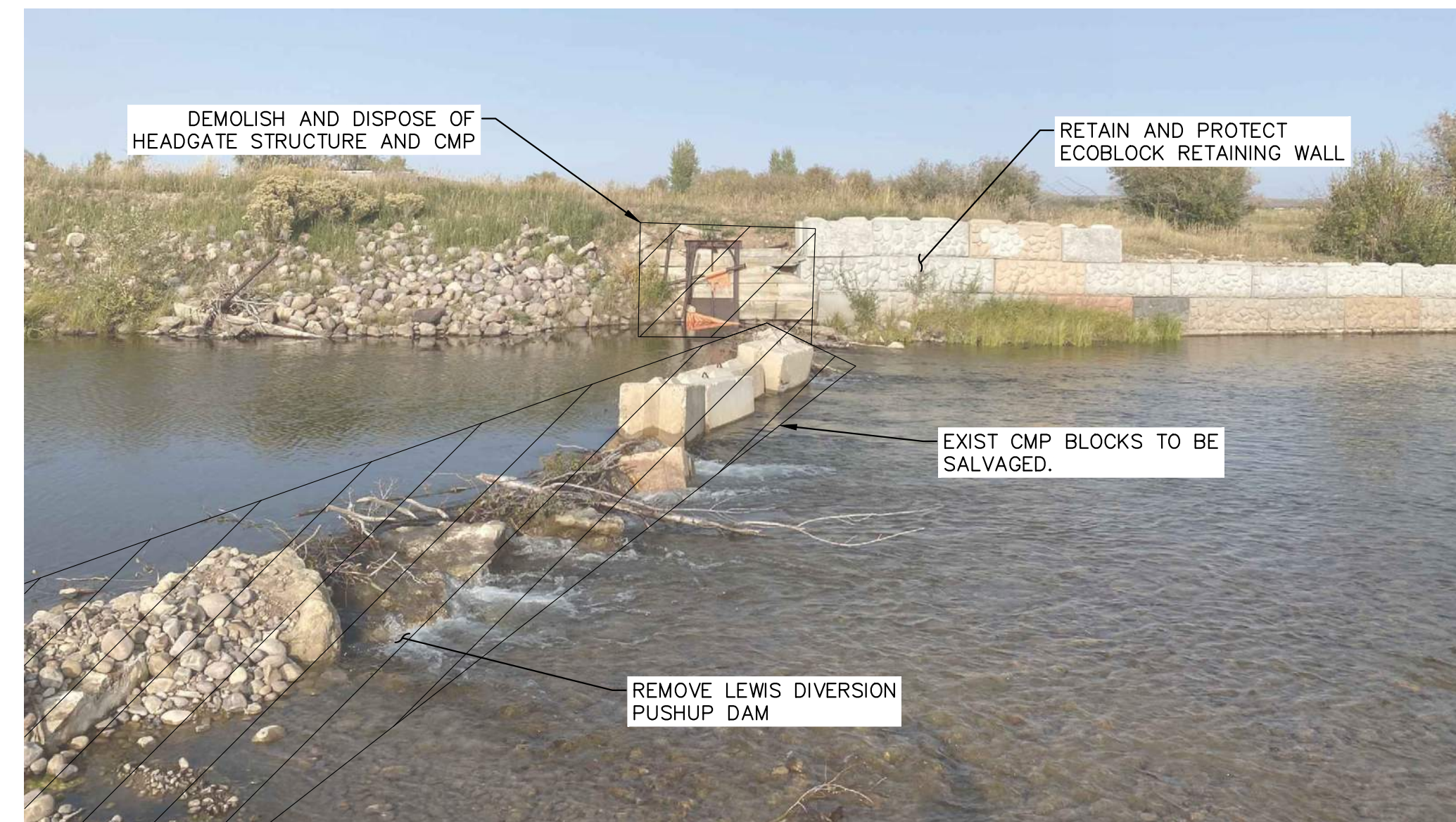


PHOTO 1 - HOMER HEADGATE

SCALE: NTS

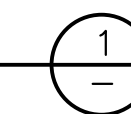


PHOTO 2 - HOMER HEADGATE

SCALE: NTS

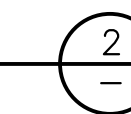
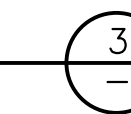


PHOTO 3 - LEWIS HEADGATE

SCALE: NTS



REV	DATE	BY	DESCRIPTION
2	04/30/26	MJM	ISSUED FOR CONSTRUCTION
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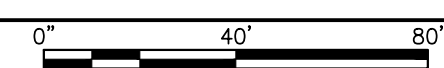
DESIGNED	MJM
DRAWN	MJM
CHECKED	NK
ISSUED DATE	04/30/26

TROUT UNLIMITED
LEWIS & HOMER DIVERSION PROJECT
DEMOLITION PLAN

DRAWING
D001



OVERALL SITE PLAN
SCALE: 1" = 40'



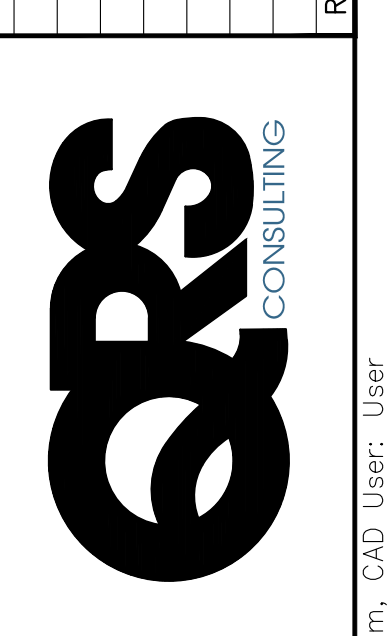
SHEET NOTES:

1. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN-PLACE PRIOR TO THE START OF WORK.
2. CONTRACTOR WILL LOCATE ALL UNDERGROUND UTILITY LINES AND CONFIRM SUFFICIENT DEPTH OF COVER PRIOR TO DREDGING LEWIS DITCH.
3. ANY EXCESS NATIVE FILL GENERATED FROM THE WORK SHALL BE RELOCATED ON-SITE. CONTRACTOR SHALL WORK WITH ENGINEER, TU REPRESENTATIVE, AND LANDOWNERS TO IDENTIFY LOCATIONS FOR PLACEMENT OF FILL.
4. AS PART OF THE WORK, THE CONTRACTOR WILL SPREAD EVEN ANY STOCKPILES, INFILL ALL TEMPORARY EXCAVATIONS, GRADE SMOOTH AND RESEED AREAS DISTURBED BY PERFORMANCE OF THE WORK.
5. THE CONTRACTOR SHALL REPAIR ANY ROADS, SOD, FENCES THAT ARE DAMAGED OR REMOVED DUE TO PERFORMANCE OF THE WORK. REPAIRS SHALL BE PERFORMED TO MATCH PRE-PROJECT CONDITIONS OR BETTER.

SHEET KEY NOTES:

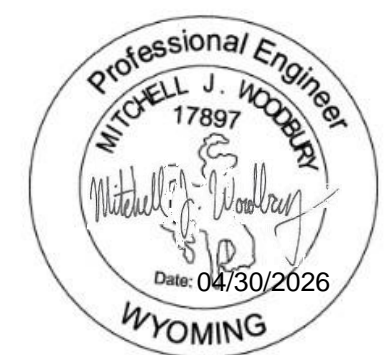
- A ROUGHENED RIFFLE:** INSTALL A 160 FOOT-LONG ROUGHENED RIFFLE BELOW THE LEWIS DITCH HEADGATE. THE ROUGHENED RIFFLE WILL BE CONSTRUCTED FROM A MATRIX OF RIVER COBBLES, BOULDERS, AND NATIVE STREAMBED SEDIMENTS. THE CONTROL SECTION WILL BE CONSTRUCTED FROM LARGE DIAMETER ANGULAR BOULDERS. THE ROUGHENED RIFFLE CONTROL SECTION IS DESIGNED TO PROVIDE ADEQUATE HEAD AT BOTH LEWIS AND HOMER DIVERSION HEADGATES TO MEET THE WATER RIGHTS.
- B LEWIS HEADGATE AND DITCH IMPROVEMENTS:**
- INSTALL A STEEL FABRICATED HEADWALL AND SLUICE GATE.
 - EXTEND LEWIS DITCH 14 FEET TO NEW HEADGATE CULVERT.
 - GRADING; EXCAVATE APPROXIMATELY 680- FEET OF THE LEWIS DITCH TO ELEVATION 7407.00 TO IMPROVE FLOW CAPACITY THROUGH DITCH. SEE NOTE 2.
- C BANK PROTECTION:** INSTALL VEGETATED RIPRAP REVETEMENT ALONG 395- FEET OF OUTER RIGHT BANK ABOVE LEWIS HEADGATE TO PROTECT FROM FURTHER BANK EROSION. SEE C103.
- D HOMER HEADGATE REPLACEMENT:** INSTALL A NEW STEEL FABRICATED HEADWALL AND SLUICE GATE. SEE C104

REV	DATE	BY	DESCRIPTION
2	04/30/26	MJM	ISSUED FOR CONSTRUCTION
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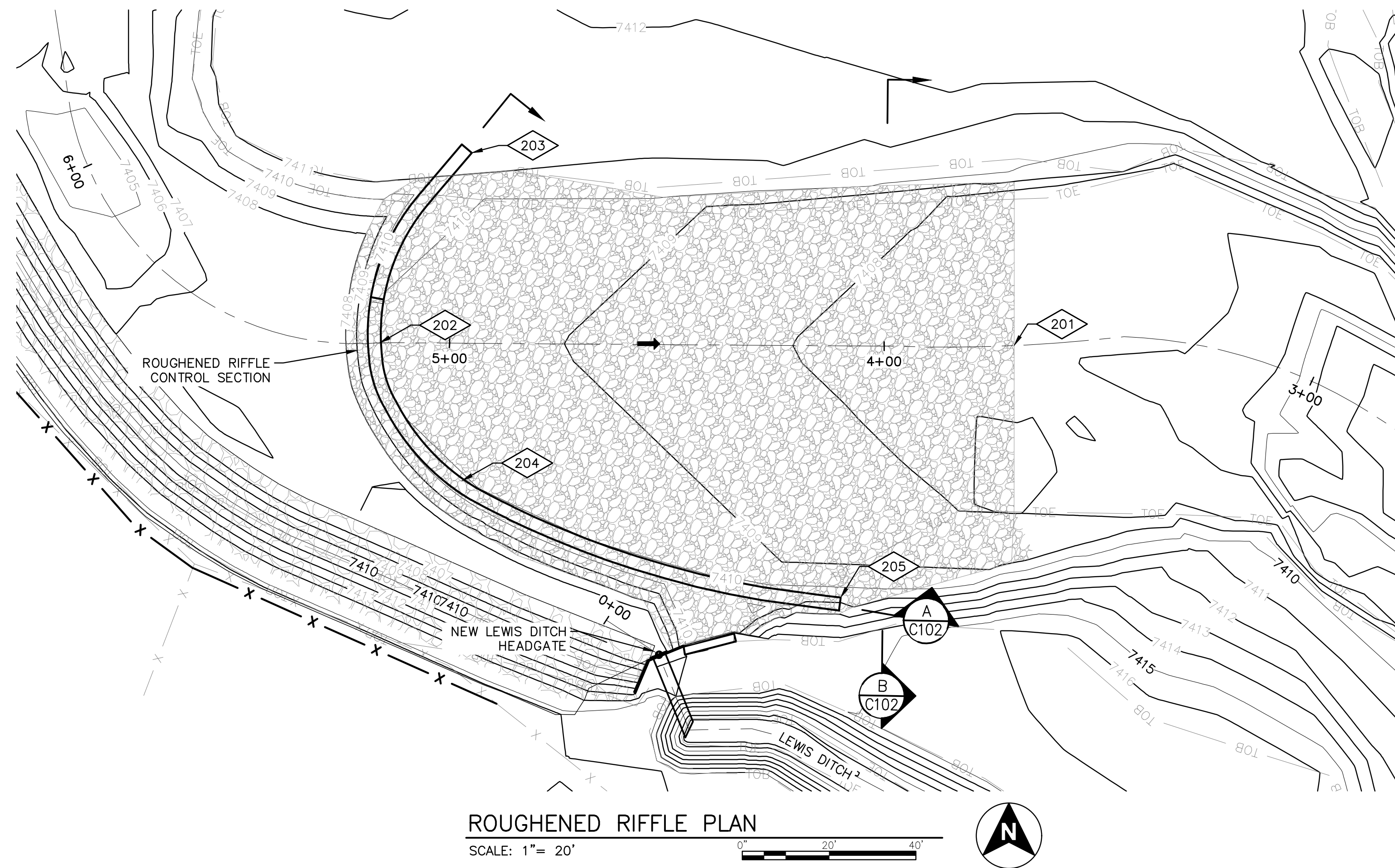


DESIGNED MJM	ISSUED DATE 04/30/26
DRAWN MJM	
CHECKED NIK	

TROUT UNLIMITED
LEWIS & HOMER DIVERSION PROJECT
OVERALL SITE PLAN

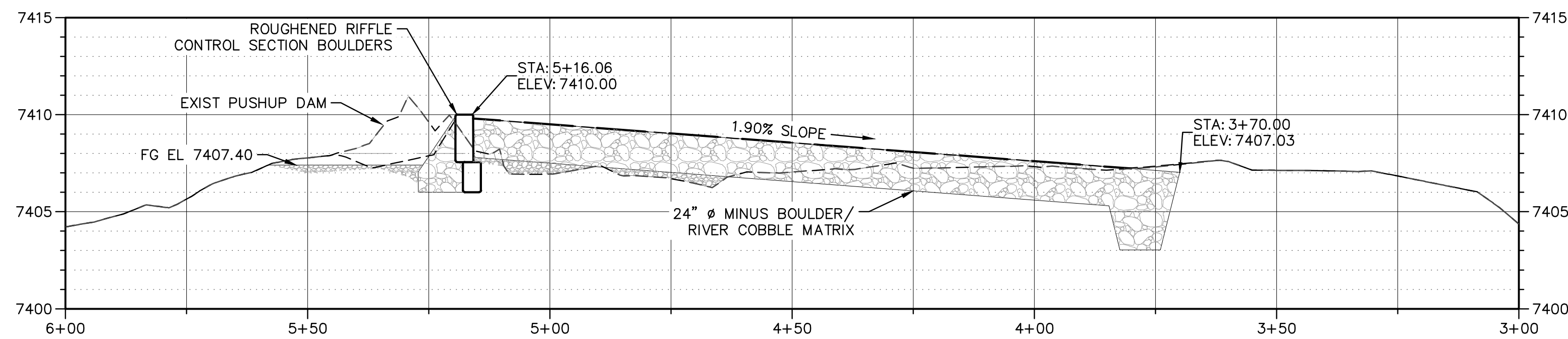


DRAWING
C100



ROUGHENED RIFFLE PLAN

SCALE: 1" = 20'



PROFILE

SCALE: HORIZ 1" = 20'

VERT 1" = 2'

SHEET NOTES:

1. ROUGHENED RIFFLE TO BE CONSTRUCTED FROM IMPORTED RIVER BOULDERS AND COBBLES. IMPORTED MATERIAL WILL BE BLENDED WITH NATIVE RIVER BED GRAVEL AND SEDIMENTS TO FORM A DENSE AND VOID-FREE CHANNEL BED.
2. CONTRACTOR SHALL INSTALL MATERIAL IN LIFTS AND WASH FINES THROUGH MATERIAL UNTIL WATER IS VISIBLY FLOWING ABOVE GRADE.

ROUGHENED RIFFLE CONTROL POINTS				
POINT NO	NORTHING	EASTING	ELEV	DESCRIPTION
201	531102.59	2391320.73	7406.84	DOWNSTREAM EXTENT OF ROUGHENED RIFFLE
202	530966.26	2391372.33	7410.00	INVERT ELEV AT CENTERLINE OF ROUGHENED RIFFLE CONTROL SECTION
203	530970.15	2391324.02	7410.50	TOP OF ROUGHENED RIFFLE CONTROL SECTION LEFT BANK
204	530995.31	2391394.95	7410.50	TOP OF ROUGHENED RIFFLE CONTROL SECTION AT RIGHT EXTENT OF LOW-FLOW CHANNEL
205	531086.09	2391389.18	7410.50	TOP OF ROUGHENED RIFFLE CONTROL SECTION AT RIGHT BANK

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2	04/30/26	MJM	ISSUED FOR CONSTRUCTION
1	02/24/26	MJM	90% DRAFT SUBMITTAL

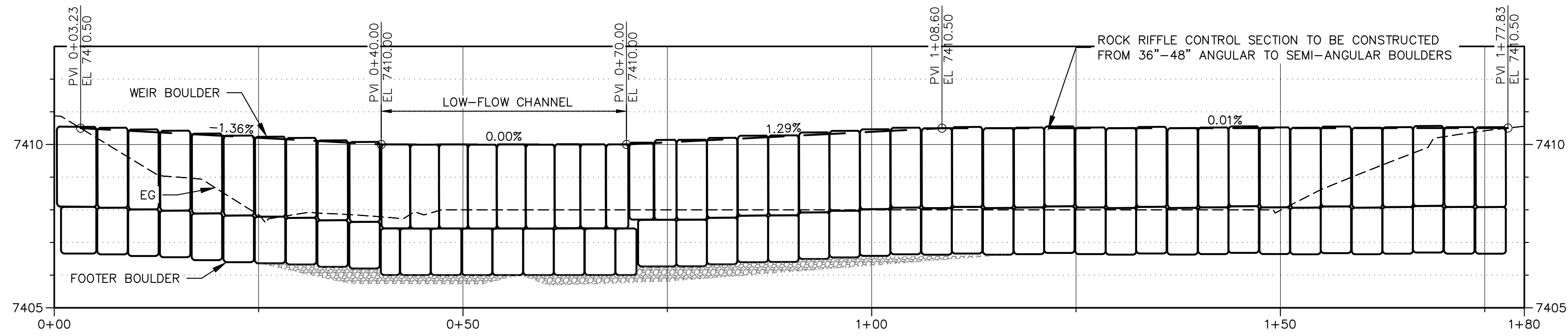


DESIGNED MJM	ISSUED DATE 04/30/26
DRAWN MJM	
CHECKED NK	

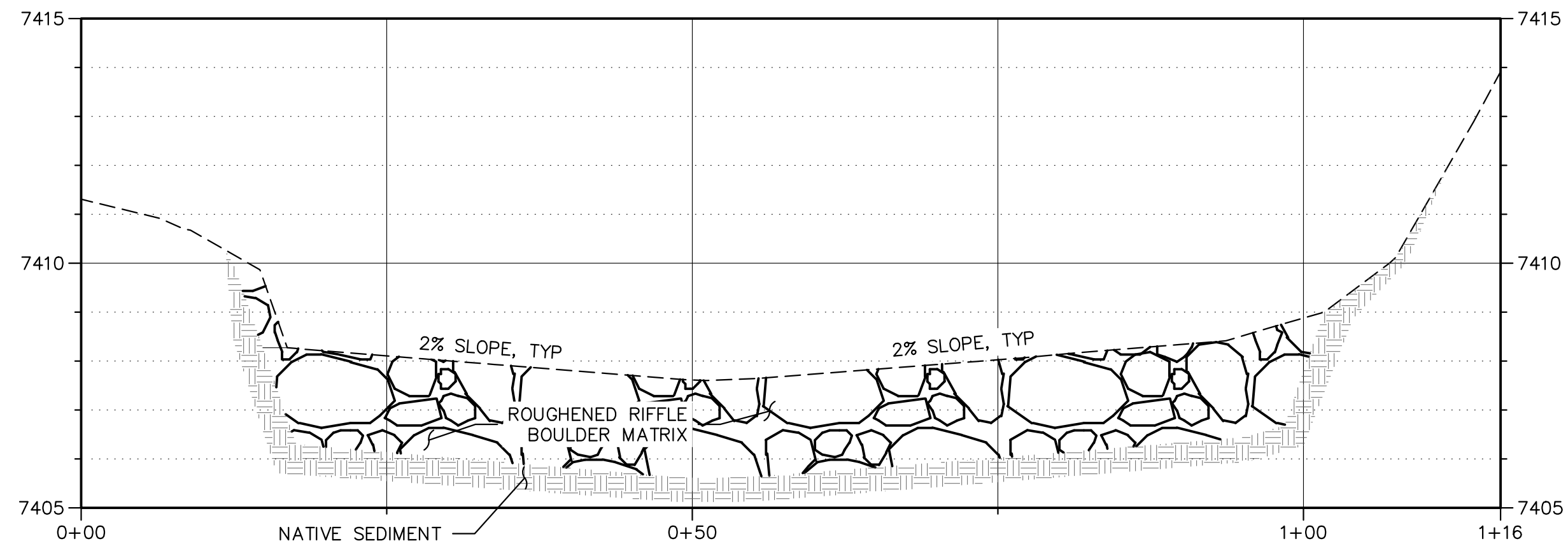
TROUT UNLIMITED
LEWIS & HOMER DIVERSION PROJECT
ROUGHENED RIFFLE PLAN AND PROFILE



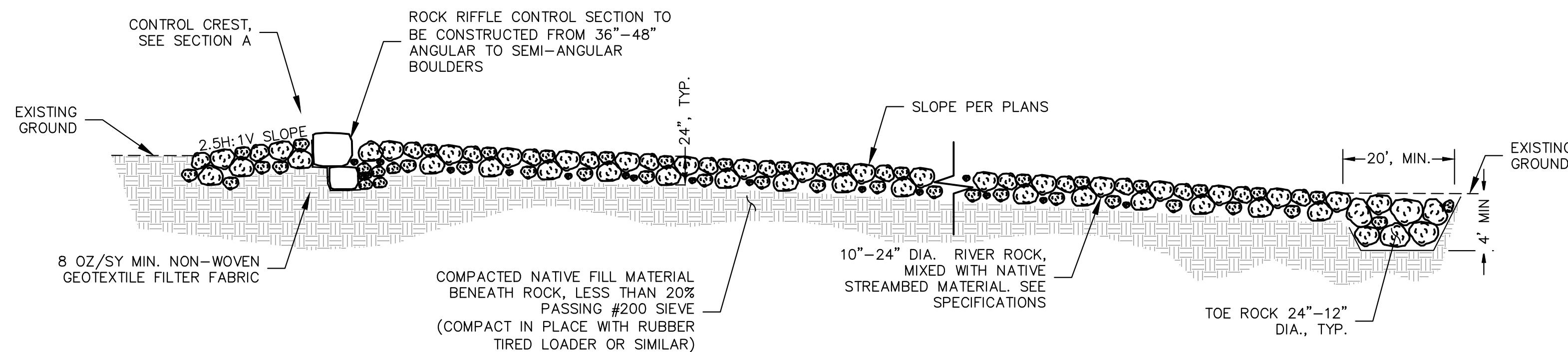
DRAWING
C101



ROUGHENED RIFFLE CONTROL SECTION DETAIL
 SCALE: 1" = 10'



ROUGHENED RIFFLE CROSS-SECTION
 SCALE: 1" = 10'



ROUGHENED RIFFLE DETAIL
 SCALE: NTS

- ROCK PLACEMENT NOTES:**
- ROCK PLACEMENT FOR RAMP SHALL GENERALLY OCCUR IN 2 LIFTS AS FOLLOWS:
 - RE-GRADE AND COMPACT SUBGRADE TO DESIGN ELEVATIONS.
 - PLACE LAYER OF LARGE DIAMETER ROCK, SEAT INTO FINISHED SUBGRADE USING EXCAVATOR BUCKET.
 - FILL VOID SPACES BETWEEN ROCK WITH NATIVE CHANNEL SUBSTRATE.
 - PRESSURE WASH SUBSTRATE IN VOID AREAS TO CONSOLIDATE. ADD ADDITIONAL MATERIAL TO MAKE UP FOR SETTLEMENT. FINISHED SURFACE SHALL TEMPORARILY POND WATER OR AS APPROVED BY ENGINEER.
 - PLACE ADDITIONAL LAYERS OF ROCK/SUBSTRATE AS NECESSARY TO ACHIEVE FINAL FINISHED GRADE ELEVATION PLUS 3"-4" TO COMPENSATE FOR FUTURE CONSOLIDATION.
 - TOP OF CHANNEL SUBSTRATE ELEVATION SHALL BE NO HIGHER THAN THE MIDPOINT ELEVATION OF THE FINAL LIFT OF LARGE DIAMETER ROCK.

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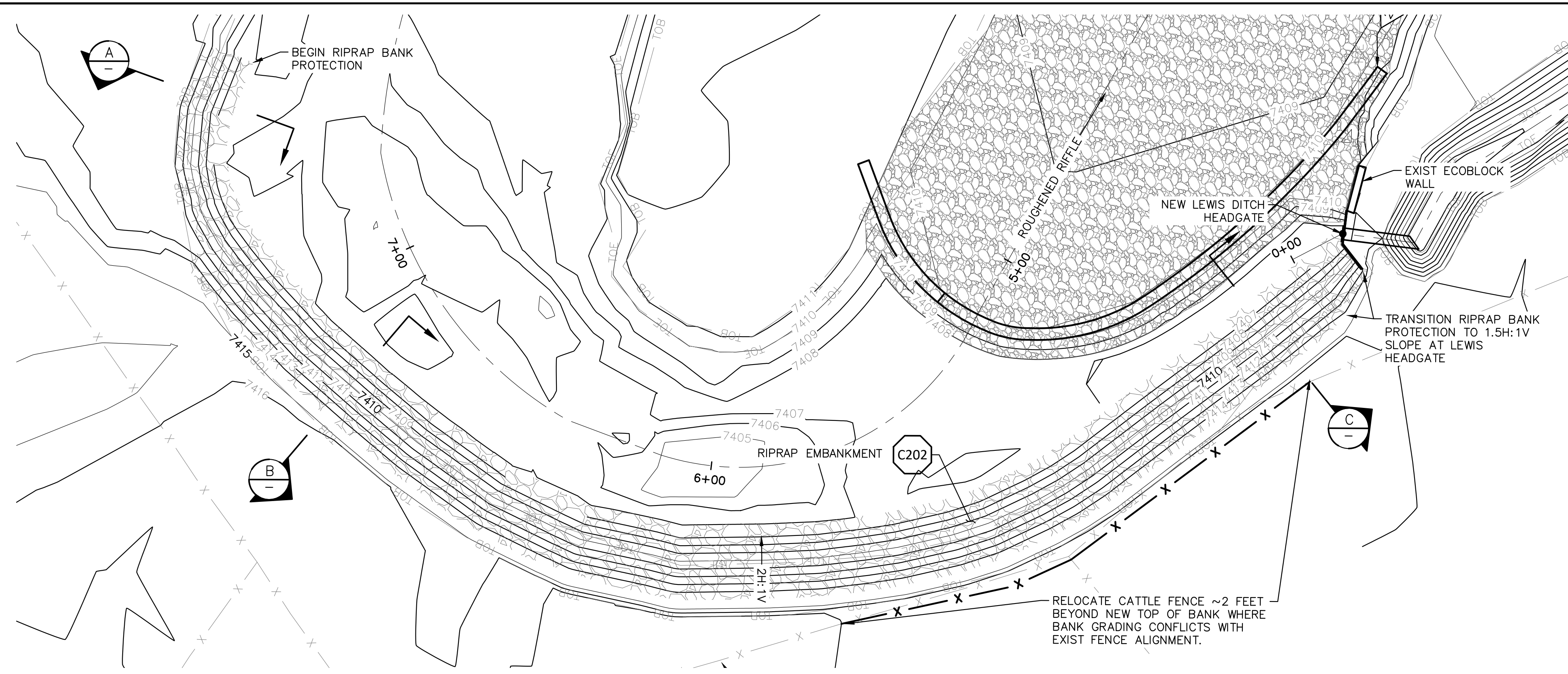


DESIGNED	MJM
DRAWN	MJM
CHECKED	NK
ISSUED DATE	04/30/26

TROUT UNLIMITED
 LEWIS & HOMER DIVERSION PROJECT
 ROUGHENED RIFFLE DETAIL



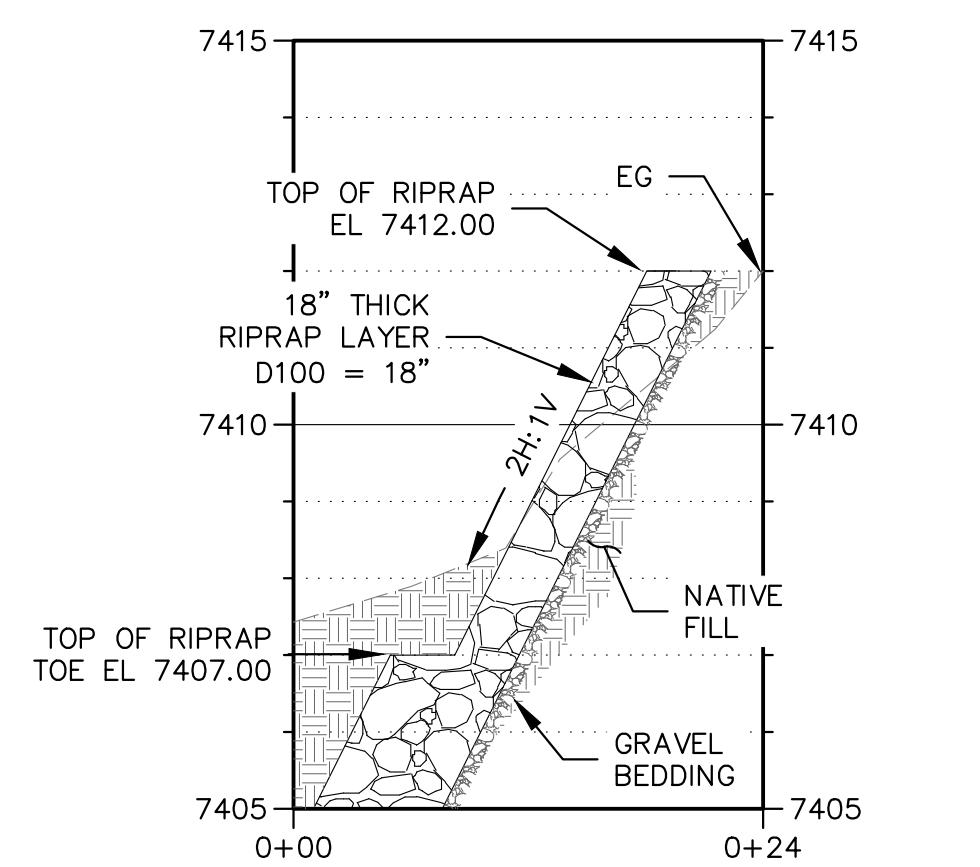
DRAWING
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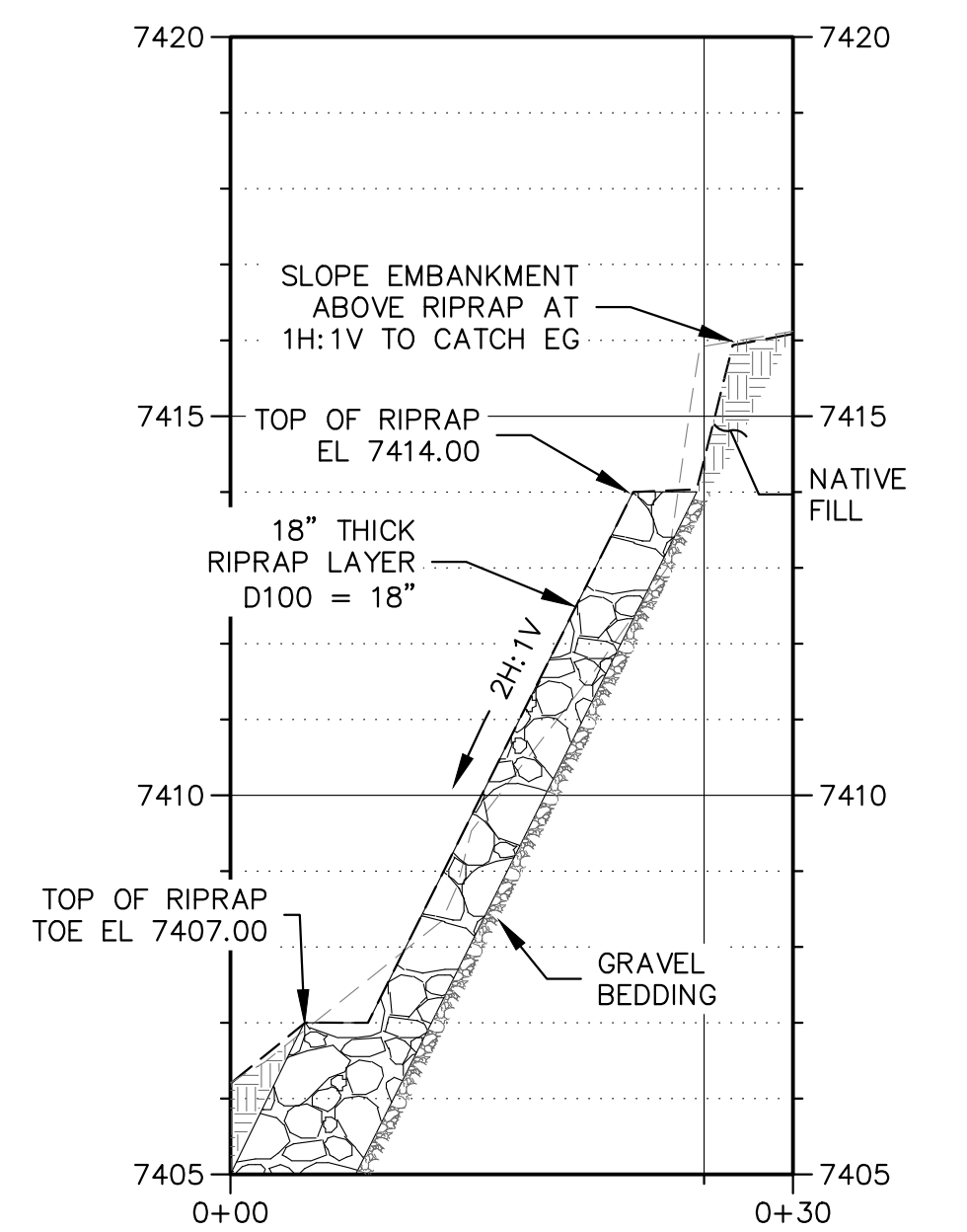
EMBANKMENT PROTECTION PLAN
 SCALE: 1" = 20'
 2
 C100

SHEET NOTES:

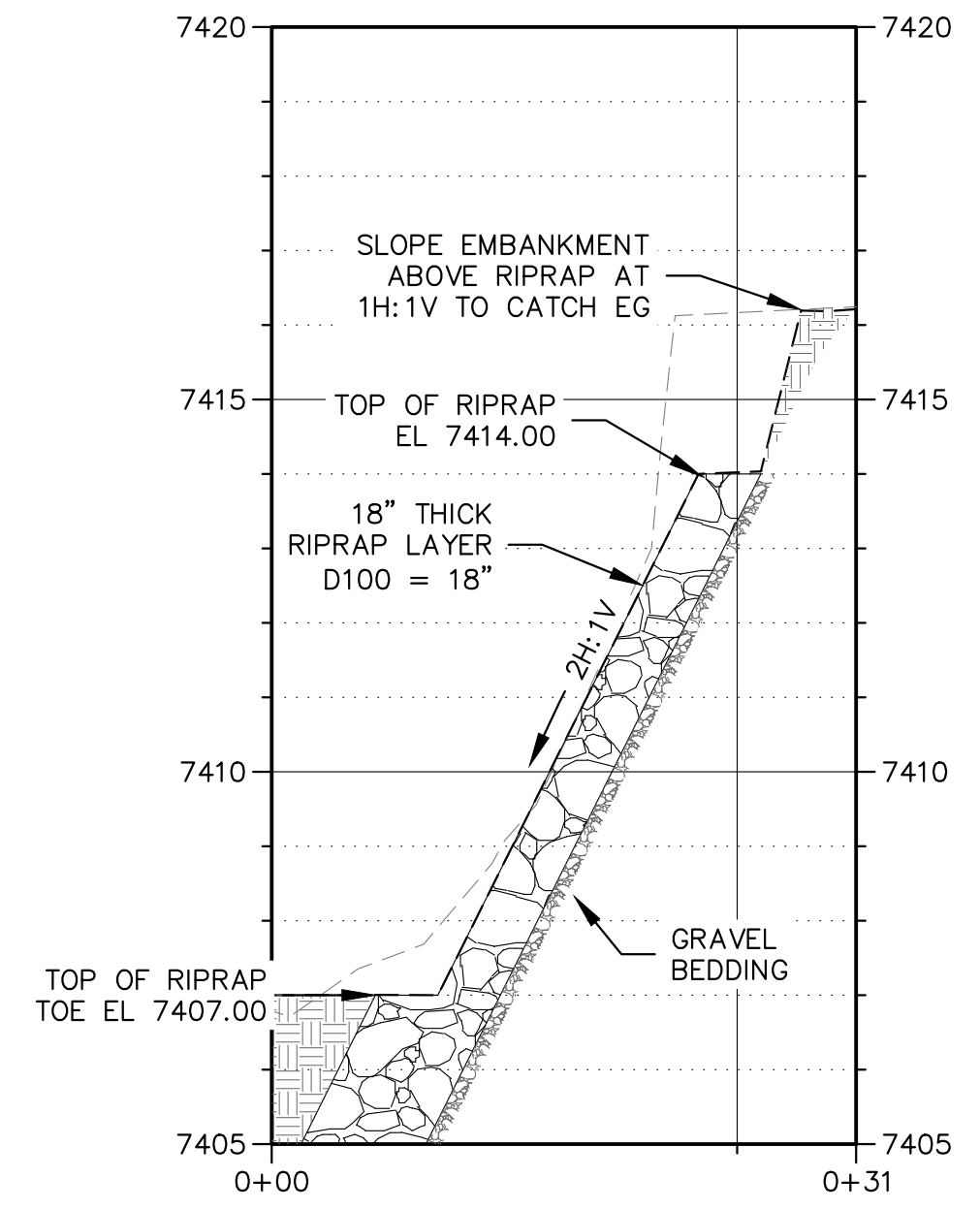
1. EMBANKMENT RIPRAP SHALL CONSIST OF HARD DURABLE ANGULAR ROCK WITH A D100 OF 18". SEE SPECIFICATIONS FOR GRADATION REQUIREMENTS.
2. VERTICAL EMBANKMENT ABOVE TOP OF RIPRAP LAYER WILL BE SLOPED BACK AT 1H:1V SLOPE TO DAYLIGHT. SLOPED EMBANKMENT WILL BE TRACKED AND SEEDED.
3. WHERE EMBANKMENT WORK CONFLICTS WITH EXISTING CATTLE FENCE, FENCE SHALL BE RELOCATED A MINIMUM OF 2 FEET BACK FROM NEW TOP OF EMBANKMENT.



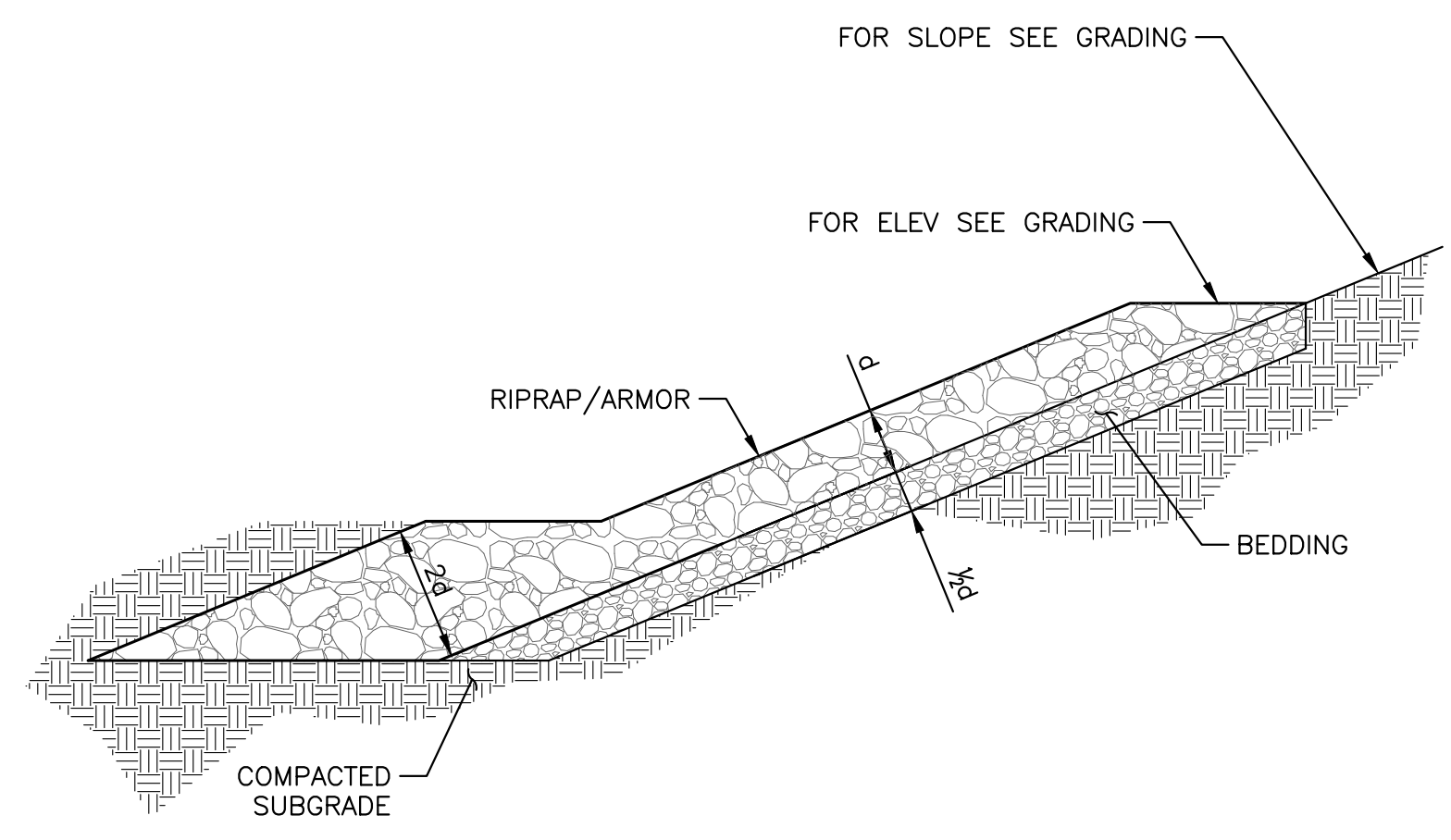
EMBANKMENT RIPRAP SECTION A
 SCALE: 1" = 10'



EMBANKMENT RIPRAP SECTION B
 SCALE: 1" = 10'



EMBANKMENT RIPRAP SECTION C
 SCALE: 1" = 10'



- NOTES:**
1. d = D100 OF SPECIFIED RIPRAP GRADATION
 2. FOR RIP-RAP ARMOR AND BEDDING SIZE, SEE SPECS.

RIP-RAP EMBANKMENT
 SCALE: NTS
 C202

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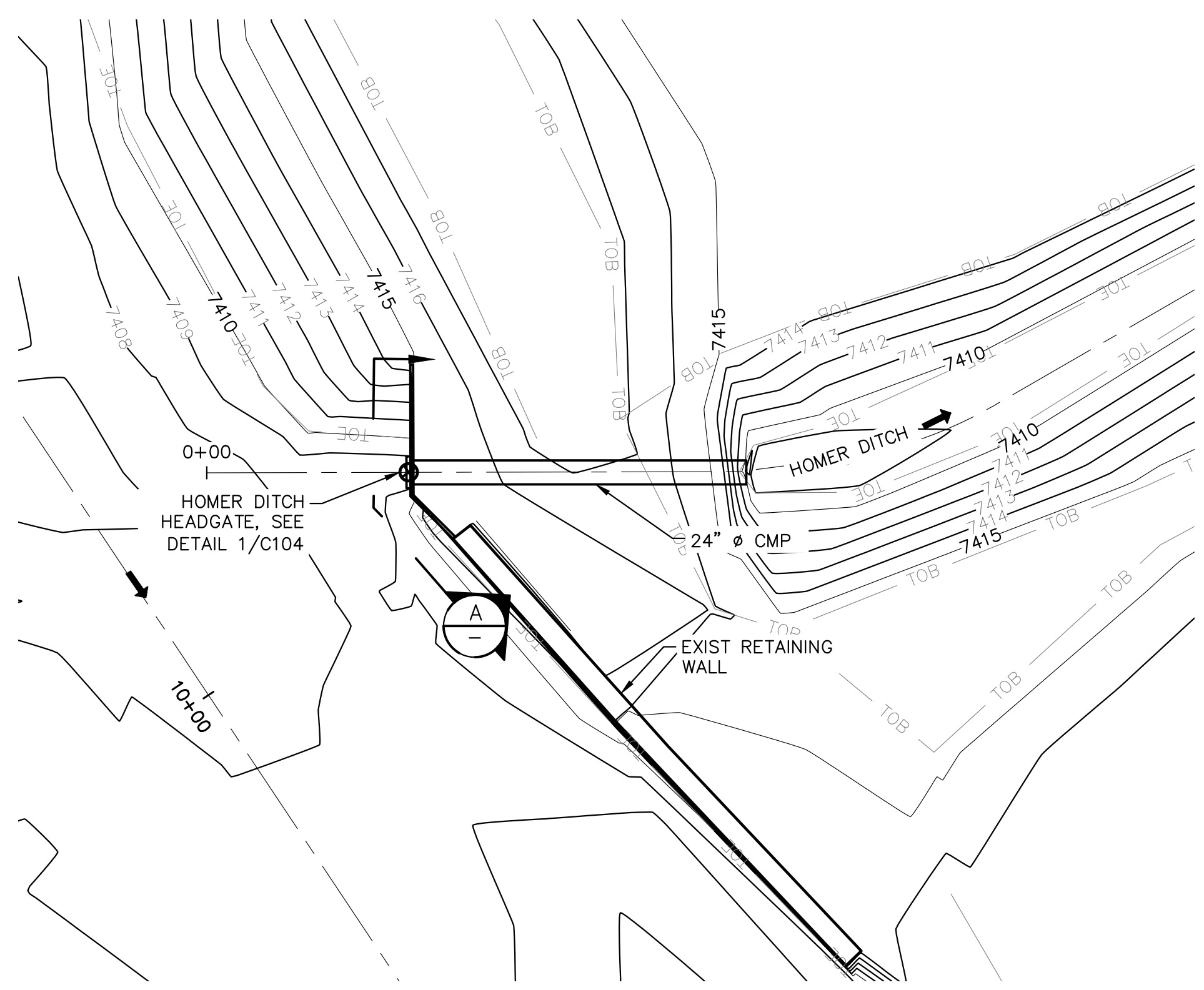


DESIGNED	MJM
DRAWN	MJM
CHECKED	NK
ISSUED DATE	04/30/26

TROUT UNLIMITED
 LEWIS & HOMER DIVERSION PROJECT
 BANK PROTECTION PLAN AND SECTIONS

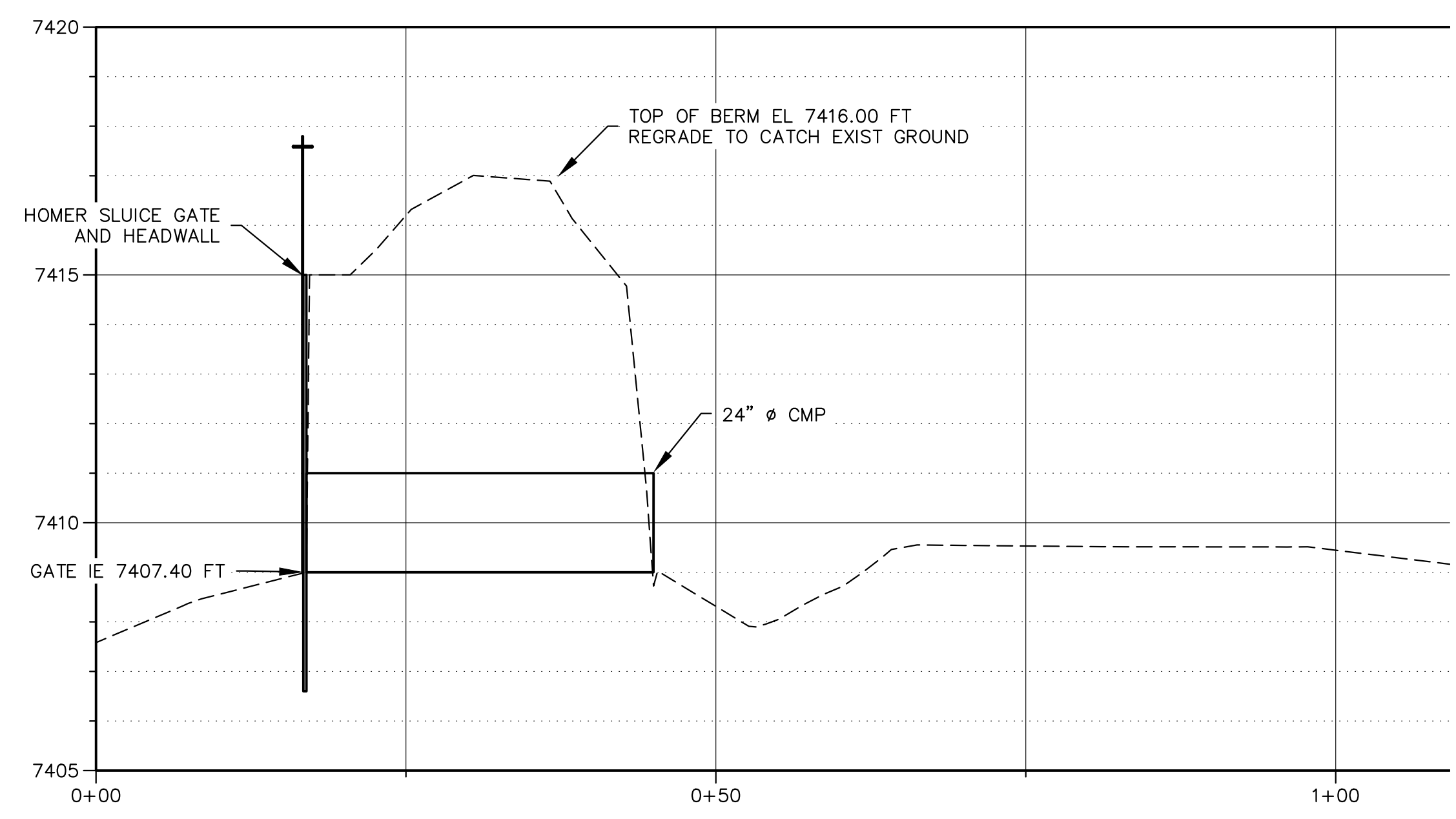


DRAWING
C103



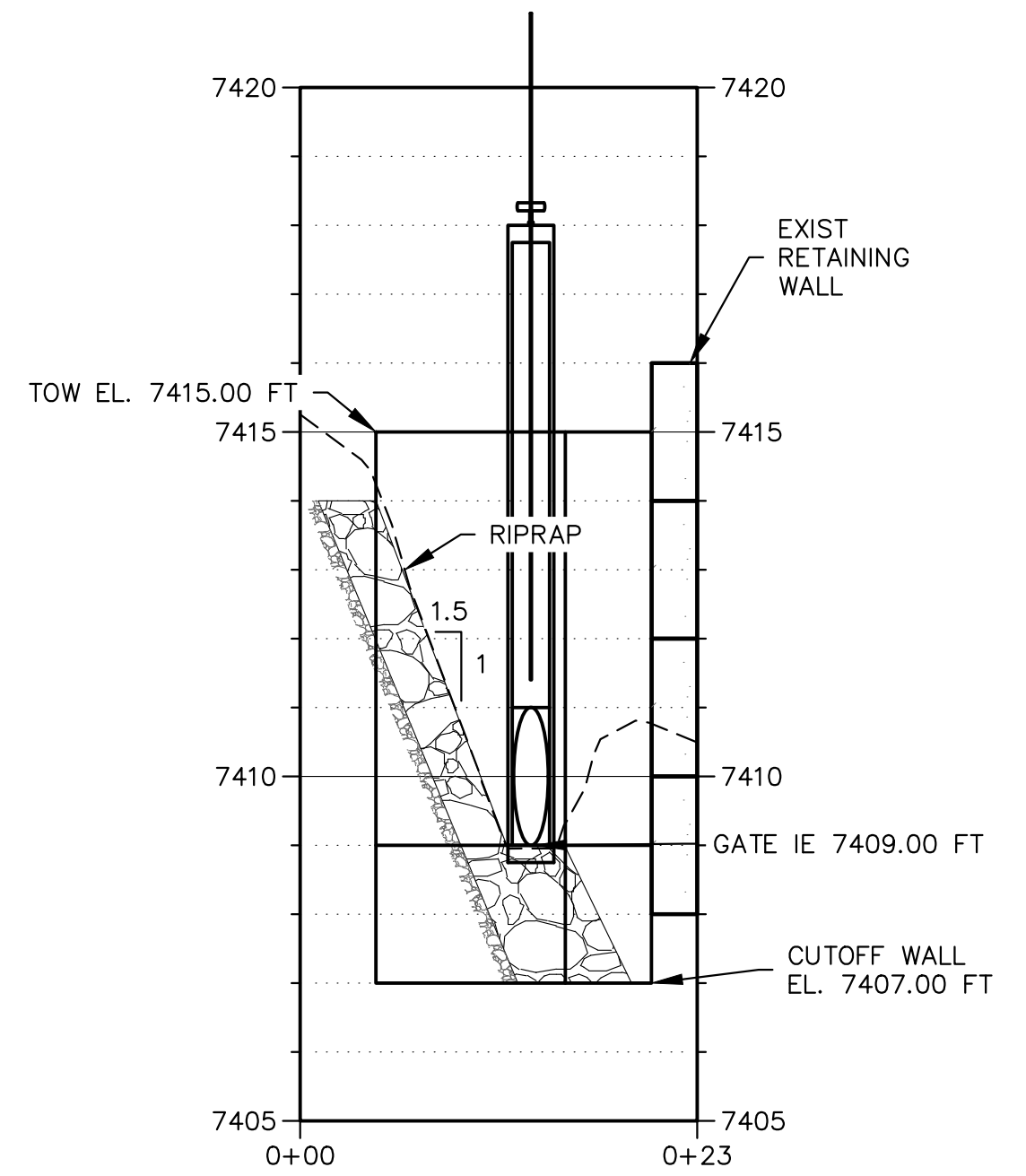
HOMER HEADGATE PLAN

SCALE: 1" = 10'



PROFILE

SCALE: HORIZ 1" = 10'
VERT 1" = 5'

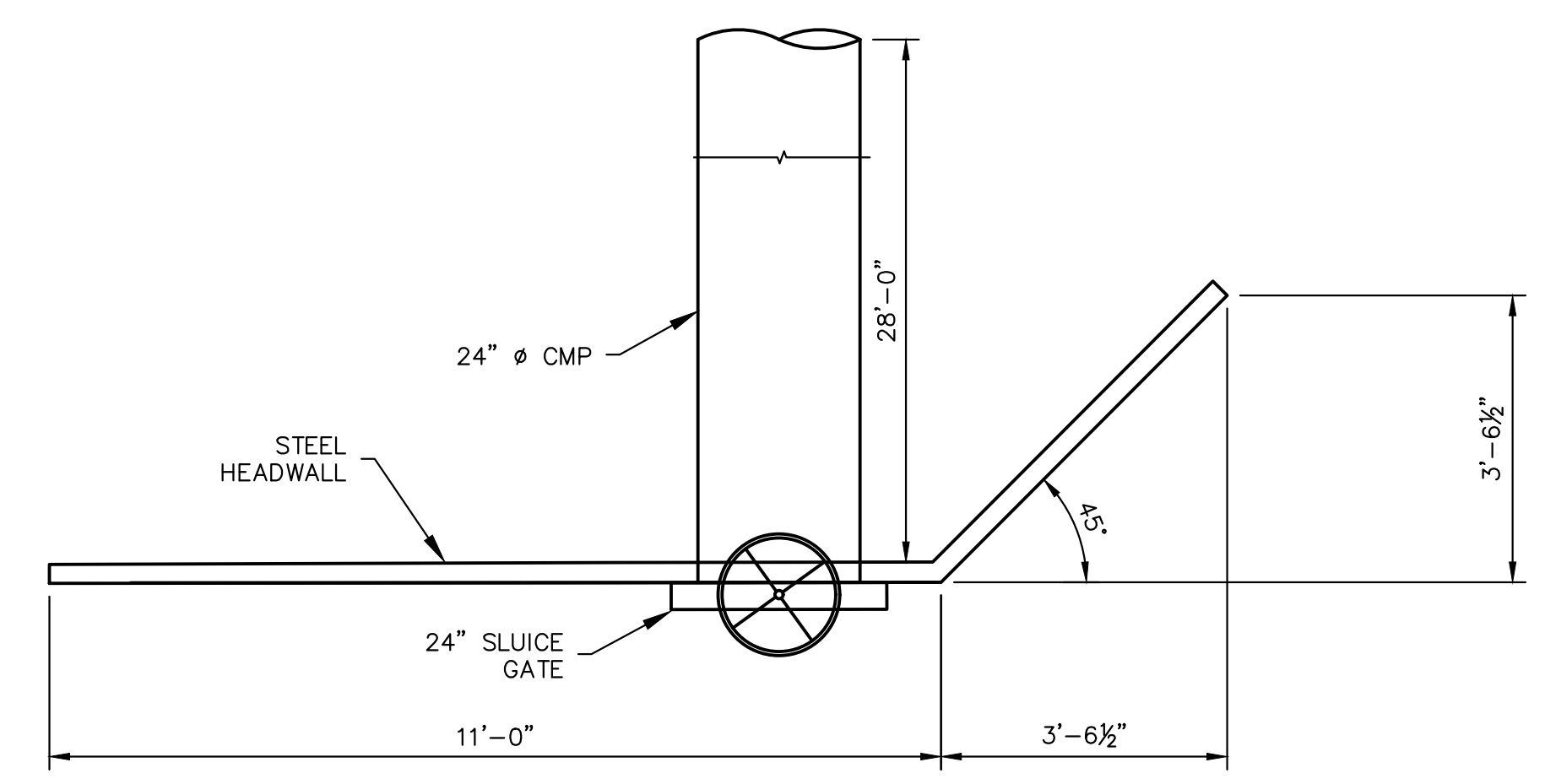


HOMER HEADGATE SECTION

SCALE: 1" = 10'

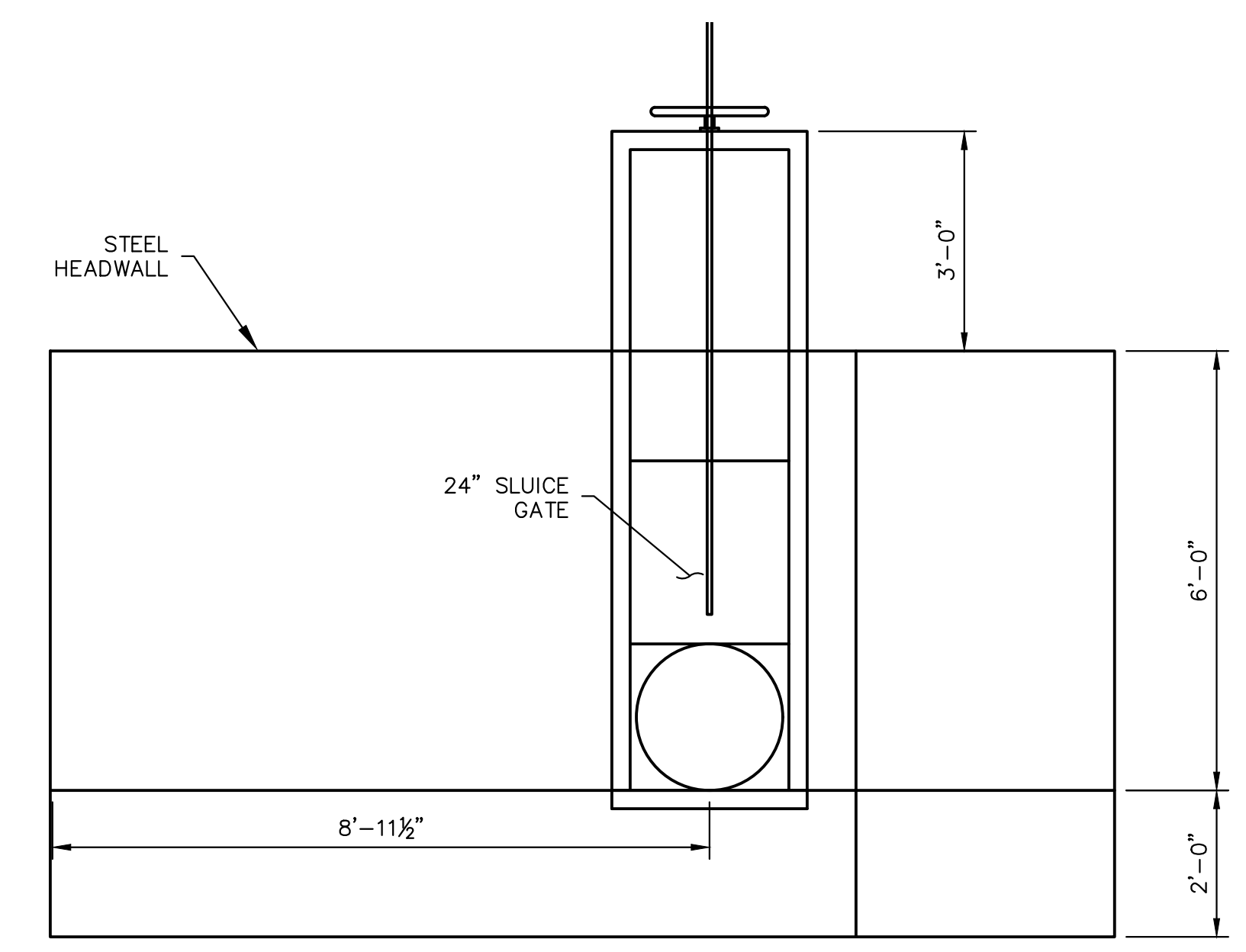
SHEET NOTES:

1. HEADWALL AND 24" SLUCE GATE TO BE LOCALLY FABRICATED FROM STEEL PLATE WITH ANGLE IRON OR STEEL TUBE FRAMING.
2. FABRICATOR IS RESPONSIBLE FOR DESIGN OF HEADWALL AND SLUCE GATE TO MEET THE DIMENSIONS AND INTENT SHOWN.
3. CONTRACTOR SHALL RETAIN AND PROTECT EXIST ECBLOCK RETAINING WALL DURING INSTALLATION OF NEW HEADWALL TO THE EXTENT POSSIBLE. WHERE BLOCKS ARE REMOVED TO ALLOW FOR HEADWALL INSTALLATION, CONTRACTOR SHALL REBUILD THE RETAINING WALL.



HEADGATE DETAIL

SCALE: 1" = 2'



HEADGATE DETAIL

SCALE: 1" = 2'

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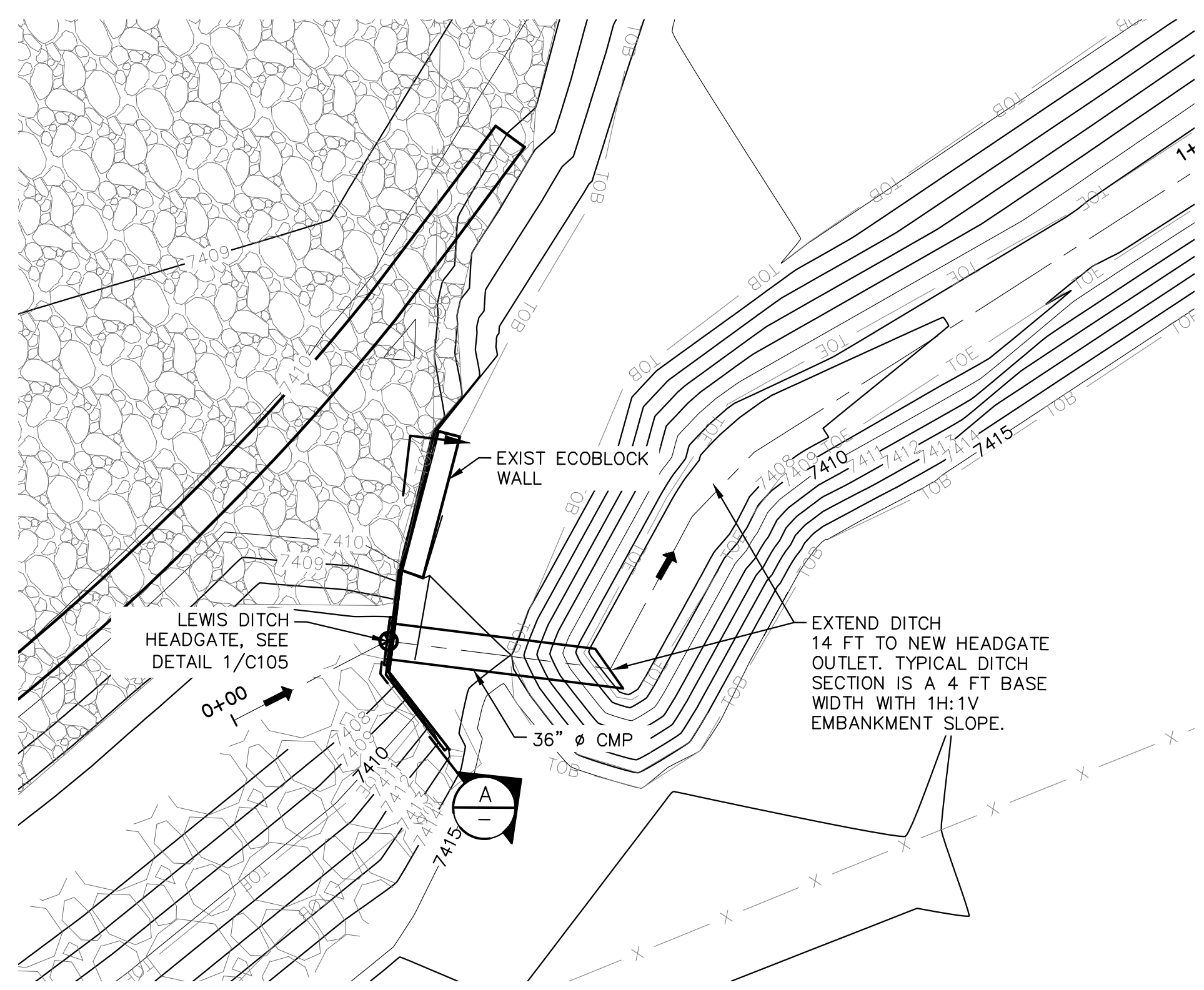


DESIGNED	MJM
DRAWN	MJM
CHECKED	NK
ISSUED DATE	04/30/26

TROUT UNLIMITED
LEWIS & HOMER DIVERSION PROJECT
HOMER HEADGATE PLAN AND DETAILS



DRAWING
C104

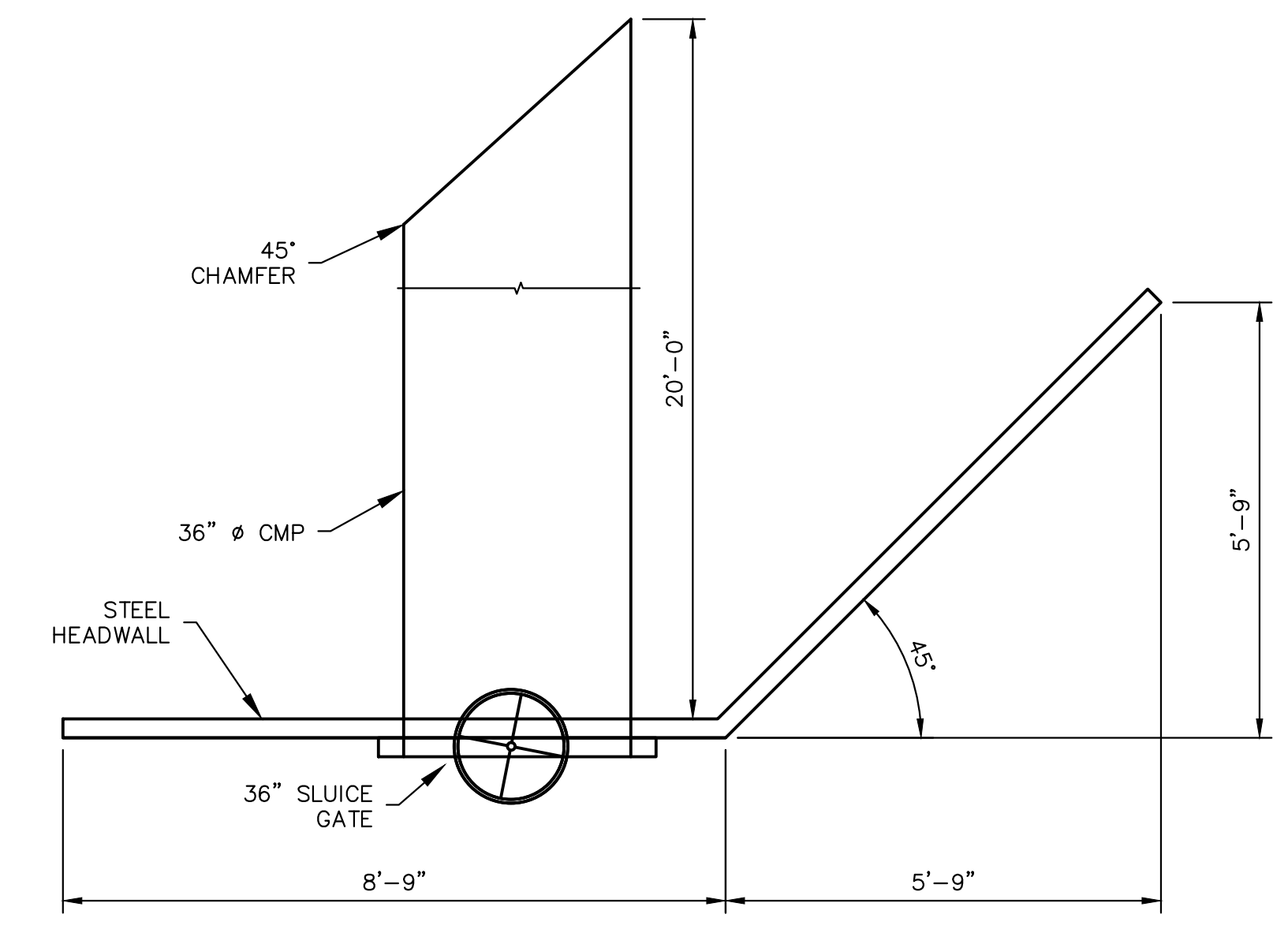


LEWIS HEADGATE PLAN

SCALE: 1" = 10'

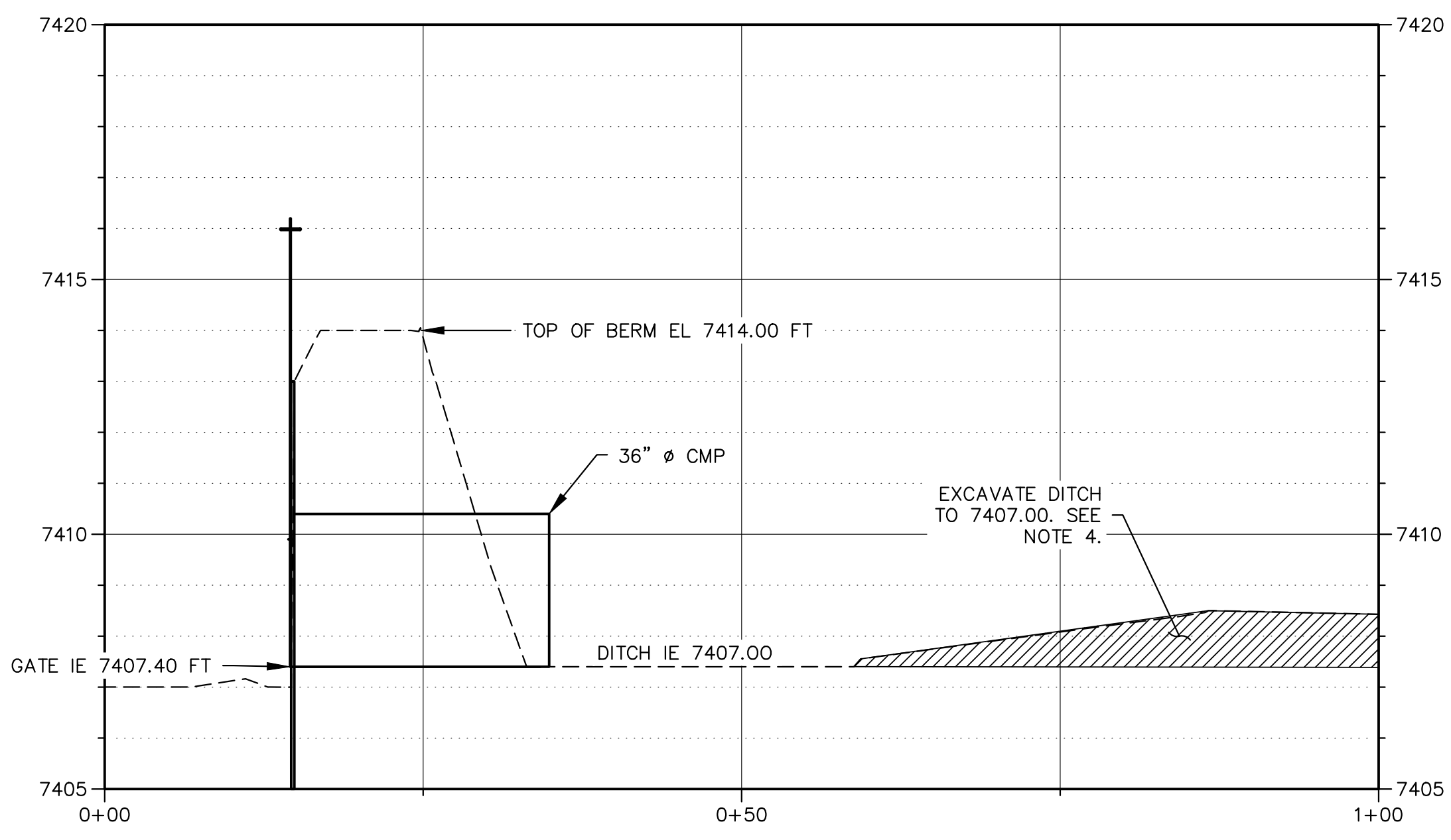
SHEET NOTES:

1. HEADWALL AND 36" SLIDE GATE TO BE LOCALLY FABRICATED FROM STEEL PLATE WITH ANGLE IRON OR STEEL TUBE FRAMING.
2. FABRICATOR IS RESPONSIBLE FOR DESIGN OF HEADWALL AND SLUICE GATE TO MEET THE DIMENSIONS AND INTENT SHOWN.
3. CONTRACTOR SHALL RETAIN AND PROTECT EXIST ECOBLOCK RETAINING WALL DURING INSTALLATION OF NEW HEADWALL TO THE EXTENT POSSIBLE. WHERE BLOCKS ARE REMOVED TO ALLOW FOR HEADWALL INSTALLATION, CONTRACTOR SHALL REBUILD THE RETAINING WALL.
4. CONTRACTOR TO EXCAVATE DITCH BOTTOM AT 0% SLOPE APPROXIMATELY 680 FEET TO CATCH THE EXISTING INVERT AT 7407.40 FEET.



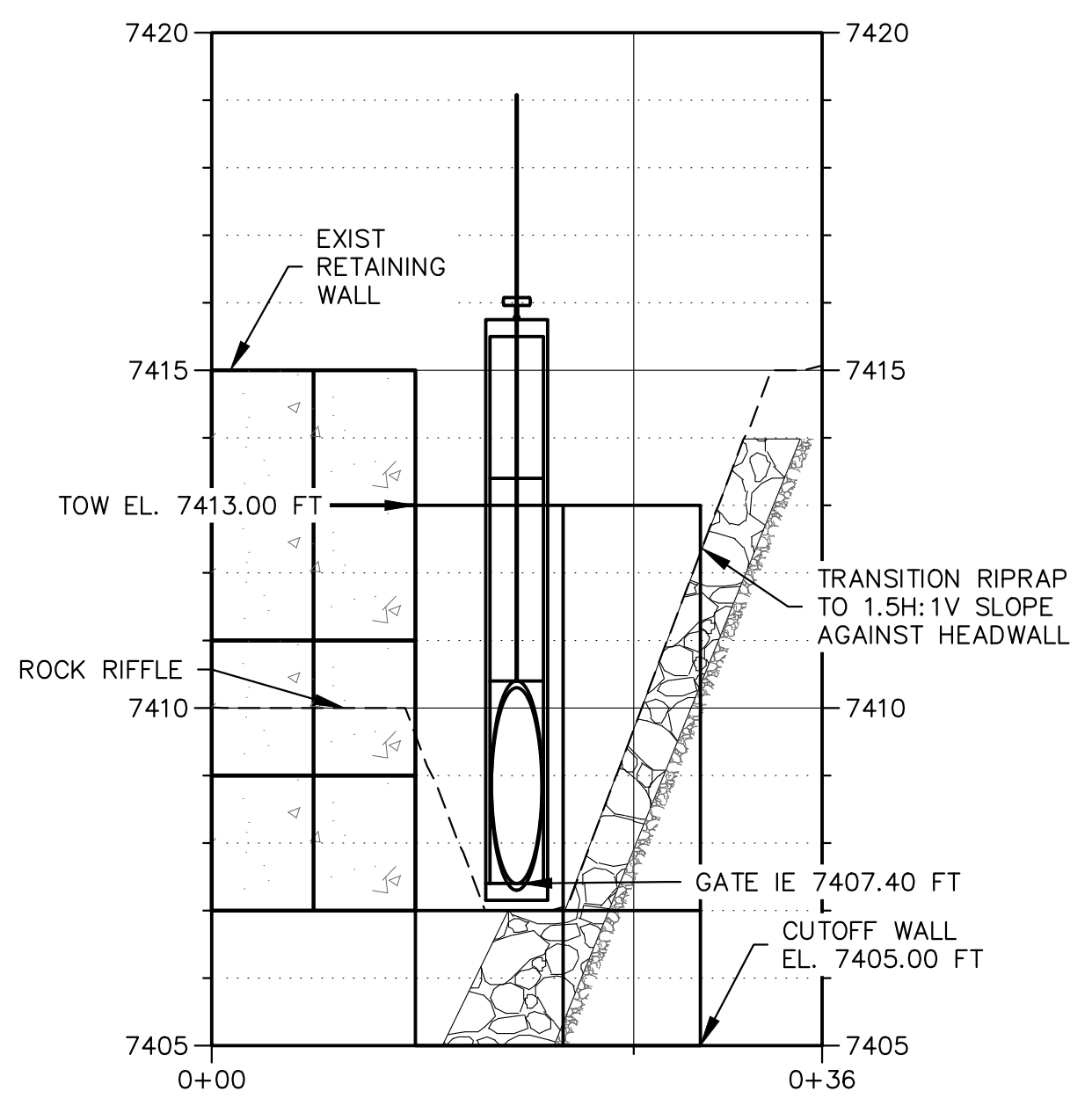
HEADGATE DETAIL

SCALE: 1" = 2'



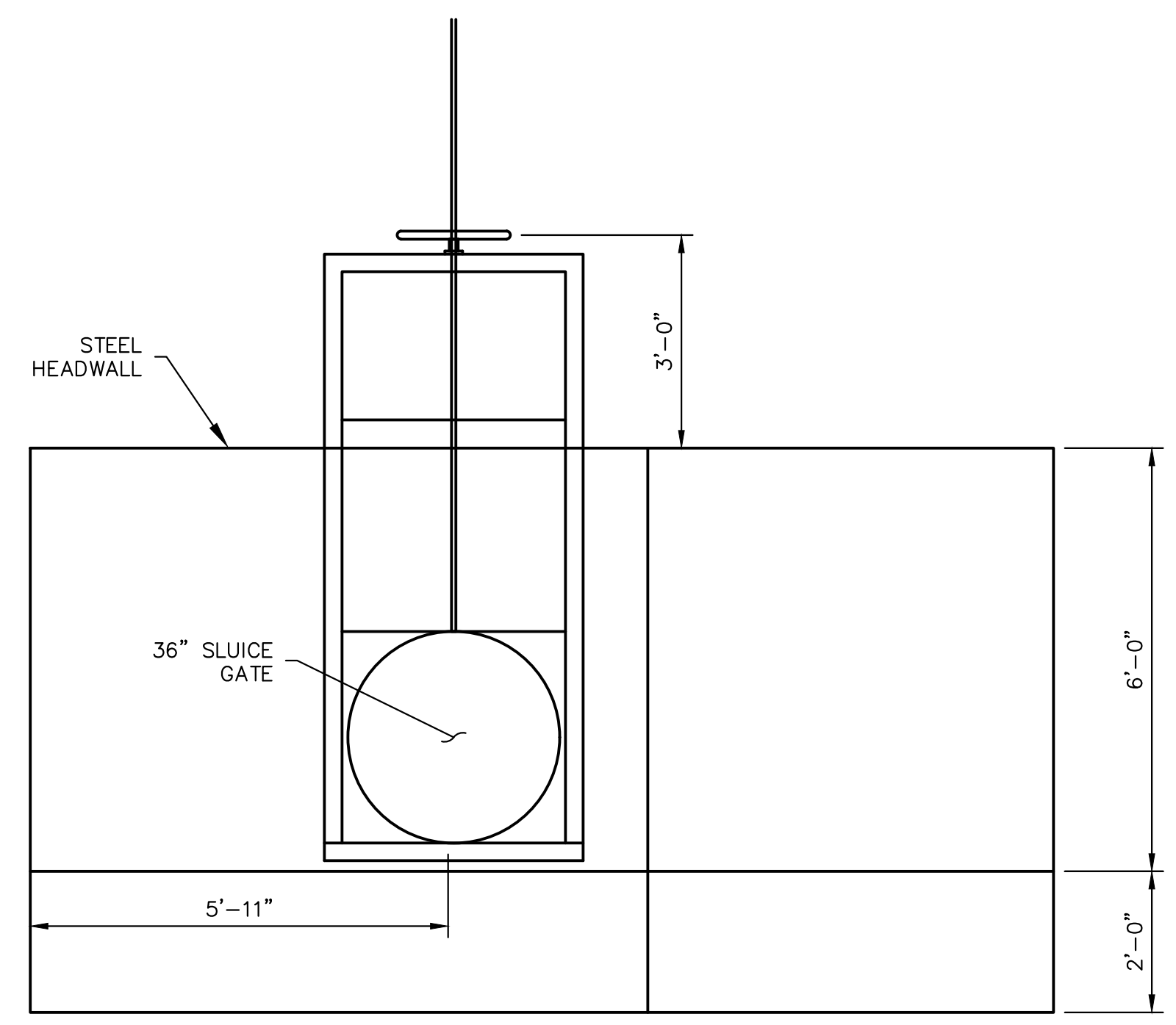
PROFILE

SCALE: HORIZ 1" = 10'
VERT 1" = 5'



LEWIS HEADGATE SECTION

SCALE: 1" = 10'



HEADGATE DETAIL

SCALE: 1" = 2'

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TROUT UNLIMITED
LEWIS & HOMER DIVERSION PROJECT
LEWIS HEADGATE PLAN AND DETAILS



DRAWING
C105