

CONSTRUCTION PLANS FOR PRONGHORN AVENUE ROAD IMPROVEMENTS

PART OF SECTION 16, TOWNSHIP 7 SOUTH, RANGE 64 WEST OF THE SIXTH PRINCIPAL MERIDIAN,
COUNTY OF ELBERT, STATE OF COLORADO



303.925.0544
www.2ncivil.com

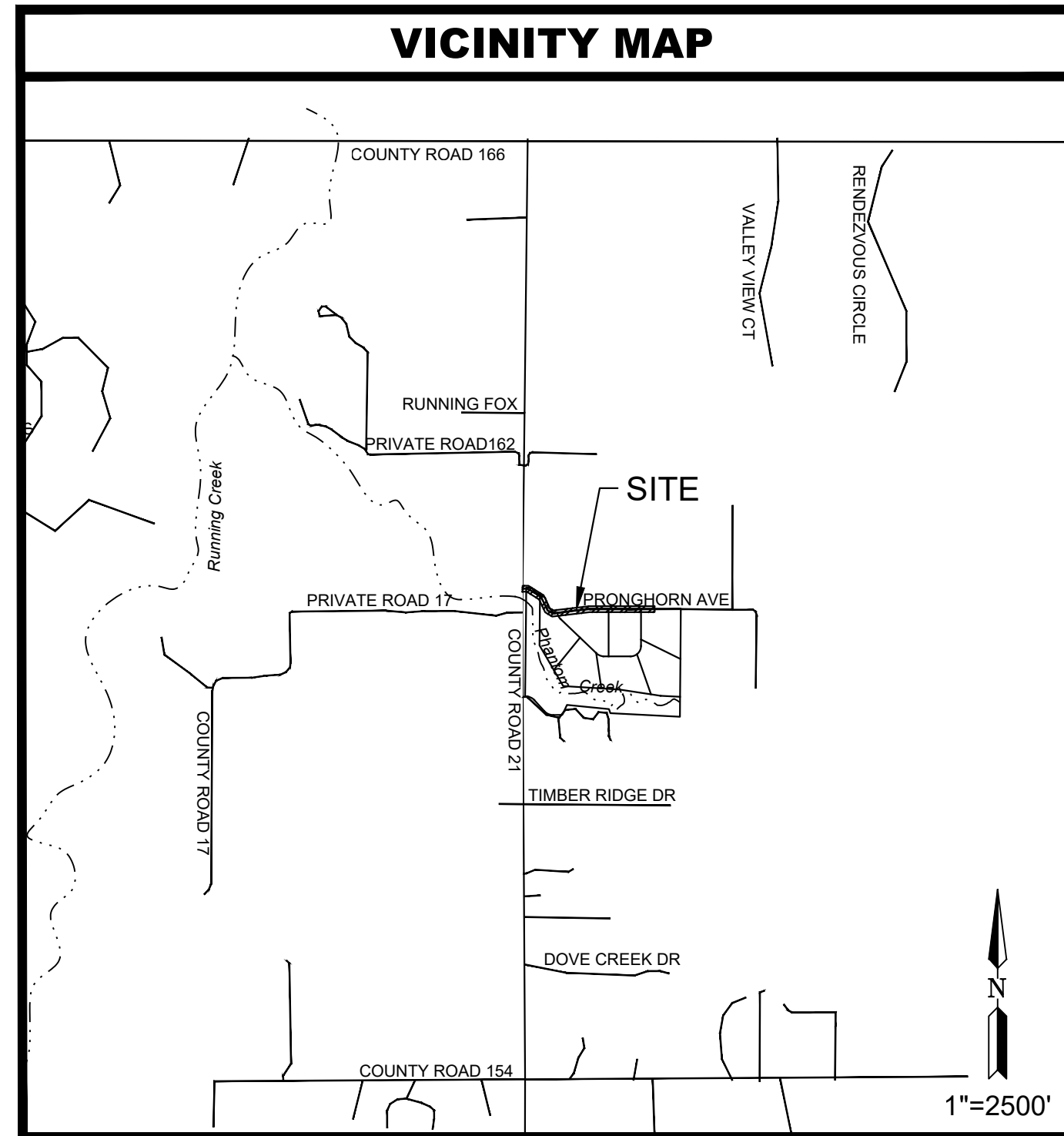


GENERAL NOTES:

- ALL STREETS AND DRAINAGE CONSTRUCTION WITHIN THE RIGHT OF WAY SHALL COMPLY WITH THE ELBERT COUNTY ROADWAY DESIGN AND CONSTRUCTION STANDARDS (2019).
- THE CONTRACTOR IS WARNED THAT CONFLICTS WITH EXISTING UTILITY SERVICES MAY EXIST. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ALL APPROPRIATE UTILITY COMPANIES FOR LINE LOCATIONS, AND CONTRACTOR SHALL LOCATE ALL UTILITIES (INCLUDING DEPTH). NEITHER 2N CIVIL, LLC. NOR THE OWNER ASSUME ANY RESPONSIBILITY FOR UTILITY LOCATIONS. ANY CONFLICTS WITH THE PROPOSED CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF 2N CIVIL LLC. AND THE OWNER SO THAT MINOR LINE OR GRADE CHANGES CAN BE MADE TO ELIMINATE ANY CONFLICTS WITH THESE EXISTING UTILITIES. ALL EXISTING UTILITIES SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ALL ITEMS SHOWN ON THE PLANS AS EXISTING ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. ACTUAL LOCATIONS MAY VARY FROM THE PLANS IN THE CASE OF UNDERGROUND UTILITIES. WHENEVER CONTRACTOR DISCOVERS A DISCREPANCY IN LOCATIONS, HE SHALL CONTACT THE ENGINEER IMMEDIATELY. UTILITIES THAT ARE DAMAGED BY THE CONTRACTOR THAT WERE PROPERLY MARKED/LOCATED SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER OR ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE OWNER, ELBERT COUNTY, THE PROJECT ENGINEER, AND ALL APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION. IF WORK IS SUSPENDED FOR ANY PERIOD OF TIME AFTER INITIAL START-UP, THE CONTRACTOR MUST NOTIFY THE PROJECT ENGINEER 48 HOURS PRIOR TO RE-START.
- THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE PLANS WHICH HAVE BEEN APPROVED BY THE COUNTY (IF APPLICABLE) AND THE PROJECT ENGINEER, ON SITE AT ALL TIMES.
- THE CONTRACTOR SHALL OBTAIN, AT THEIR EXPENSE, ALL PERMITS THAT ARE NECESSARY TO PERFORM THE PROPOSED WORK.
- ALL UTILITIES, BOTH UNDERGROUND OR OVERHEAD, SHALL BE MAINTAINED IN CONTINUOUS SERVICE THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL BE RESPONSIBLE AND LIABLE FOR ANY DAMAGES TO, OR INTERRUPTION OF, SERVICES CAUSED BY THE CONSTRUCTION.
- THE CONTRACTOR SHALL CONTAIN HIS CONSTRUCTION OPERATIONS TO THE AREA WITHIN THE STREET RIGHT-OF-WAY OR DESIGNATED LIMITS OF CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS. CONTRACTOR SHALL NOT OPERATE OUTSIDE THIS AREA WITHOUT THE PRIOR CONSENT OF THE PROPERTY OWNER INVOLVED.
- ANY DAMAGE TO PRIVATE PROPERTY BY THE CONTRACTOR OUTSIDE THESE LIMITS WITHOUT THE PERMISSION OF THE PRIVATE PROPERTY OWNER WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- MAINTAIN POSITIVE DRAINAGE AWAY FROM STRUCTURES IN ALL DIRECTIONS.
- CONTRACTOR IS RESPONSIBLE FOR DAILY CLEANING OF ALL ACCESS ROADS AND OTHER PUBLIC STREETS NECESSITATED BY HIS ACTIVITIES ON THE SITE.
- ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH THE STATE OF COLORADO PERMITTING FOR "STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY AND AIR POLLUTANT EMISSION PERMIT." FOR INFORMATION CONTACT THE COLORADO DEPARTMENT OF HEALTH, WATER QUALITY CONTROL DIVISION. THE CONTRACTOR IS RESPONSIBLE FOR THIS PERMIT.
- SAFETY IS A RESPONSIBILITY OF THE CONTRACTOR. 2N CIVIL, INC. IS NEITHER RESPONSIBLE FOR SAFETY IN, ON, OR ABOUT THE PROJECT SITE NOR FOR COMPLIANCE BY THE APPROPRIATE PARTY WITH ANY REGULATIONS RELATING THERETO.
- ALL UTILITY TRENCHES IN ROAD AND PATH PRISM TO BE COMPACTED AND TESTED PER GEOTECHNICAL ENGINEER REQUIREMENT.
- THIS SURVEY IS BASED ON EXISTING MONUMENTS FOUND IN PLACE, AS SHOWN, DOCUMENTS OF RECORD AND THE TITLE COMMITMENT PROVIDED BY THE CLIENT.
- DATE OF SURVEY WAS FEBRUARY 11, 2026 BY HIGH PRAIRIE SURVEY CO.

2N CIVIL GENERAL NOTES:

- THE OWNER/DEVELOPER AND/OR THEIR ASSIGNS IS HEREBY NOTIFIED THAT IT IS TYPICAL AND LIKELY THAT SOME MOVEMENT OF THE SURFACE GRADES WILL OCCUR OVER TIME DUE TO VARIOUS FACTORS THAT ARE NOT IN CONTROL OF THE DESIGNERS. THUS, A ROUTINE AND DILIGENT MAINTENANCE PROGRAM IS REQUIRED TO MAINTAIN THE PROPER GRADING AND DRAINAGE THROUGHOUT THE PROJECT.
- PROPOSED CONTOURS AND SPOT ELEVATIONS AS SHOWN HEREIN ARE DEFINED AS FINISHED ELEVATION AFTER PAVING, LANDSCAPING, ETC. CONTRACTOR SHALL COORDINATE WITH GEOTECH FOR PAVEMENT THICKNESS.
- EXISTING GRADES AND SPOT ELEVATIONS SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM BEST AVAILABLE INFORMATION AND ARE SHOWN TO THE EXTENT KNOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING GRADE CONDITIONS AT THE LIMITS OF CONSTRUCTION AND AT LOCATIONS THAT INTERFACE WITH EXISTING OR PROPOSED BUILDINGS AND NOTIFY THE CIVIL ENGINEER OF ANY DISCREPANCIES THAT CONTRADICT THE CIVIL ENGINEER'S INTENT FOR DRAINAGE PATTERNS, MAXIMUM AND MINIMUM SLOPES, AND PROPOSED ELEVATIONS AS SHOWN ON THE PLAN. THE ENGINEER WILL NOT BE LIABLE FOR ANY COSTS ASSOCIATED WITH CHANGES TO THE DESIGN WITHOUT PROPER NOTIFICATION.
- EARTHWORK QUANTITIES ARE RAW NUMBERS AND HAVE NOT BEEN ADJUSTED TO ACCOUNT FOR SHRINK, SWELL, COMPACTION, PAVING, UTILITY SPOILS, BUILDING FOUNDATION/BASEMENT ETC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EARTHWORK VALUES.
- CONTRACTOR LAYDOWN / MATERIAL AREA, CONCRETE WASHOUT AREA AND STOCKPILE AREA ARE TO BE DETERMINED BASED ON CONSTRUCTION SEQUENCE, AVAILABLE LAND AND NECESSITY. FINAL LOCATIONS OF THESE AREAS SHALL BE COORDINATED BETWEEN THE CONTRACTOR AND OWNER'S REPRESENTATIVE. STORM WATER MANAGEMENT IS STRICTLY THE CONTRACTOR'S RESPONSIBILITY AND THE CONTRACTOR MUST ADHERE TO LOCAL AND STATE JURISDICTIONAL CRITERIA.
- NOTICE TO BIDDERS - UNLESS APPROVAL BLOCKS ARE SIGNED AND THE PLANS ARE STAMPED BY A PROFESSIONAL ENGINEER, THESE DOCUMENTS ARE PENDING JURISDICTIONAL APPROVAL AND SUBJECT TO CHANGE.
- SAW CUTTING OF EXISTING PAVEMENT AND CONCRETE, WHERE REQUIRED, SHALL BE DONE TO A NEAT WORK LINE WITH A CUTTING WHEEL ATTACHED TO A BLADE, OR OTHER METHOD AS APPROVED BY THE ENGINEER.
- 2N CIVIL, LLC ASSUMES NO RESPONSIBILITY FOR UTILITY LOCATIONS. THE UTILITIES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- THE UTILITIES SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY UTILITY LOCATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT EXISTING UTILITIES FROM DAMAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL CALL THE UTILITY NOTIFICATION CENTER OF COLORADO FOR UTILITY LOCATIONS 2 WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION.
- EXISTING SITE FEATURES TO BE DEMOLISHED (INCLUDING BUT NOT LIMITED TO BUILDINGS, CONCRETE SLABS, FENCING, TREES) HAVE BEEN OMITTED FROM THIS CONSTRUCTION DRAWING SET FOR CLARITY.
- ALL STORM SEWER PIPE SHALL BE IN ACCORDANCE WITH SECTION 600 STORM DRAINAGE FACILITIES OF THE ELBERT COUNTY CONSTRUCTION STANDARDS AND SPECIFICATIONS.
- ALL AREAS DISTURBED BEYOND CONSTRUCTION LIMITS SHALL BE RESEEDDED/MULCHED AT THE CONTRACTOR'S EXPENSE. CERTIFIED WEED FREE SEED AND MULCH IS REQUIRED. ELBERT COUNTY HAS A SIGNIFICANT NOXIOUS WEED PROBLEM, ANY EROSION CONTROL MEASURE MUST BE CERTIFIED WEED FREE.
- WHEN CONSTRUCTING ADJACENT TO EXISTING ASPHALT PAVEMENT, CONTRACTOR SHALL REVIEW EXISTING PAVEMENT ELEVATIONS AND PROPOSED GRADES AND NOTIFY ENGINEER IF MAXIMUM OR MINIMUM CROSS SLOPES ON ASPHALT PATCH ARE NOT WITHIN THE LIMITS INDICATED ON THE PLANS.
- APPLICANT AND CONTRACTOR AGREE THAT 2N CIVIL SHALL NOT PAY FOR ANY BACK-CHARGE FROM THE APPLICANT, ITS CONTRACTOR, CONSULTANT OR ANY OTHER PERSON UNLESS BEFORE CONSTRUCTION OF THE BACK-CHARGED ITEMS IS STARTED 2N CIVIL (A) WAS PROMPTLY NOTIFIED OF THE POTENTIAL NEED FOR SUCH BACK-CHARGED WORK, (B) WAS INVOLVED IN DETERMINING THE NEED FOR AND SCOPE OF THE BACK-CHARGED WORK, (C) AGREED THE BACK-CHARGED WORK IS THE RESPONSIBILITY OF 2N CIVIL AND (D) AGREED TO THE FEES INVOLVED FOR THE BACK-CHARGED WORK. CLIENT SHALL INDEMNIFY 2N CIVIL FOR ANY BACK-CHARGES ASSESSED TO 2N CIVIL THAT DO NOT MEET THE CONDITIONS SET FORTH IN THIS NOTE.



SHEET INDEX	
1	COVER SHEET
2-3	ROAD PLAN & PROFILE
4	CULVERT PLAN AND PROFILES
5-6	INITIAL EROSION CONTROL PLANS
7-8	INTERIM EROSION CONTROL PLANS
9-10	FINAL EROSION CONTROL PLANS
11-12	DETAILS

CONTACT LIST		
<u>APPLICANT</u>	<u>SURVEYOR</u>	<u>JURISDICTION:</u>
PHANTOM CREEK DEVELOPMENT, LLC 39622 COUNTY ROAD 21 ELIZABETH, COLORADO 80107 CONTACT: MIKE BROWNSON EMAIL: MIKE@PHANTOMCREEKLLC.COM	HIGH PRAIRIE SURVEY CO. PO BOX 384 KIOWA, COLORADO 80117 PH: (303) 621-8672 CONTACT: KEITH WESTFALL, PLS EMAIL: KEITH@HIGHPRAIRIESURVEY.COM	ELBERT COUNTY 215 COMANCHE STREET KIOWA, CO 80117 PH: 303-621-3141
<u>CIVIL ENGINEER</u>		<u>FIRE DISTRICT:</u>
2N CIVIL, LLC 6 INVERNESS CT E, SUITE 125 ENGLEWOOD, CO 80112 PH: (303) 925-0544 CONTACT: ERIC TUIN EMAIL: ERIC@2NCIVIL.COM		ELIZABETH FIRE PROTECTION DISTRICT 155 W KIOWA AVE ELIZABETH, CO 80107

GRADING NOTES:

- ALL ORGANIC MATTER SHALL BE REMOVED FROM ALL CUT AND FILL AREAS.
- CERTIFIED WEED FREE EROSION CONTROL BALES OR SILT FENCE SHALL BE PLACED AT THE TOE AND DRAINAGE OUTFALL POINTS OF ALL SLOPES 3:1 OR STEEPER TO PREVENT SILTATION ON STREETS. REFER TO EROSION CONTROL PLANS FOR LOCATION OF EROSION CONTROL MEASURES.
- CONTRACTOR SHALL COMPLY WITH ALL LOCAL, COUNTY AND STATE REGULATIONS PERTAINING TO GRADING, DUST AND EROSION.
- ALL DISTURBED AREAS SHALL RE-SEED, MULCHED OR SODDED AS PER APPROVED STORMWATER MANAGEMENT PLAN.
- AT ALL TIMES, THE PROPERTY SHALL BE MAINTAINED AND/OR WATERED TO PREVENT WIND-CAUSED EROSION. EARTHWORK OPERATIONS SHALL BE DISCONTINUED WHEN FUGITIVE DUST SIGNIFICANTLY IMPACTS ADJACENT PROPERTY. IF EARTHWORK IS COMPLETE OR DISCONTINUED AND DUST FROM THE SITE CONTINUES TO CREATE PROBLEMS, THE OWNER/DEVELOPER SHALL IMMEDIATELY INSTITUTE MITIGATIVE MEASURES AND SHALL CORRECT DAMAGE TO ADJACENT PROPERTIES.
- CONTRACTOR SHALL MAINTAIN DRAINAGE/OVERFLOW PATHS BETWEEN STRUCTURES AT ALL TIMES.
- CONTRACTOR SHALL ESTABLISH AND MAINTAIN VEHICLE TRACKING PADS AT ALL CONSTRUCTION ACCESSSES.
- ALL STRUCTURES, CONCRETE, TREES, BRUSH AND RUBBISH SHALL BE REMOVED AND LEGALLY DISPOSED OF BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.
- NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED WHEREVER POSSIBLE. EXPOSURE OF SOIL TO EROSION BY REMOVAL OR DISTURBANCE OF VEGETATION SHALL BE LIMITED TO THE AREA REQUIRED FOR IMMEDIATE CONSTRUCTION OPERATIONS AND FOR THE SHORTEST PRACTICAL PERIOD OF TIME.
- TOPSOIL SHALL BE STOCKPILED TO THE EXTENT PRACTICABLE ON THE SITE FOR USE ON AREAS TO BE REVEGETATED. ANY AND ALL STOCKPILES SHALL BE LOCATED AND PROTECTED FROM EROSION ELEMENTS, INCLUDING EROSION CONTROL AROUND THE PERIMETER OF SAID STOCKPILES.
- MAINTAIN POSITIVE DRAINAGE AWAY FROM STRUCTURES IN ALL DIRECTIONS.

CAUTION: NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION 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 THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.



Know what's below.
Call before you dig.

PREPARED FOR:
PHANTOM CREEK DEVELOPMENT
39622 COUNTY ROAD 21
ELIZABETH, COLORADO 80107

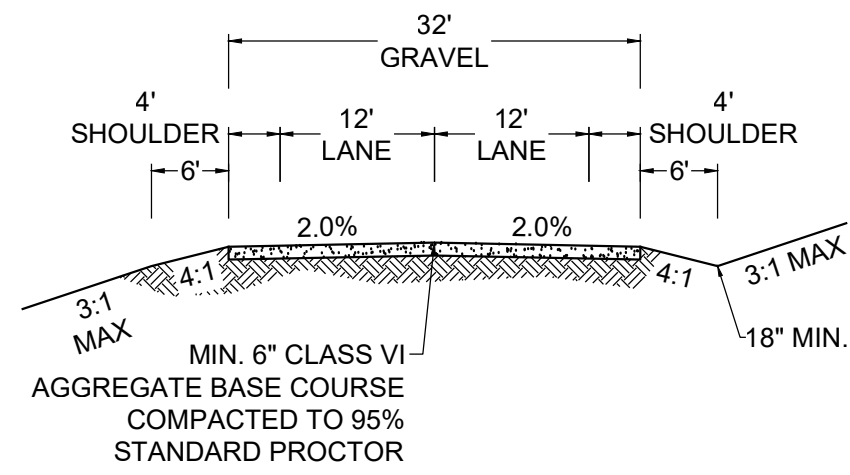
COVER SHEET
CONSTRUCTION PLANS
PRONGHORN AVENUE ROAD IMPROVEMENTS
ELBERT COUNTY, COLORADO

DATE: | | | |
BY: | | | |

REVISIONS:
1. | | | |
2. | | | |
3. | | | |
4. | | | |

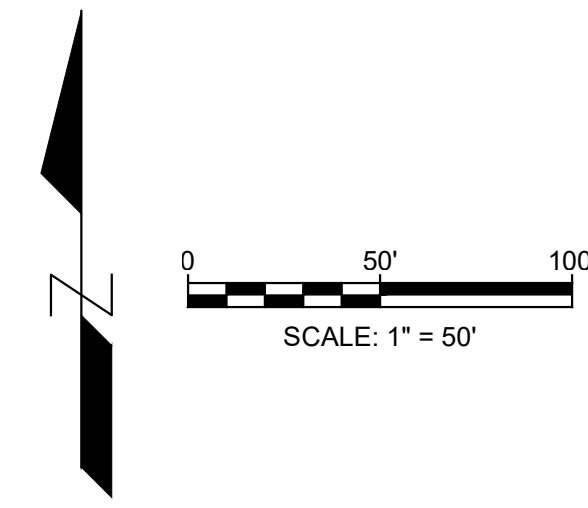
PROJECT NUMBER: 22010
ISSUED DATE: 4-15-2026
DESIGNED BY: TEW
REVIEWED BY: EPT

COVER SHEET

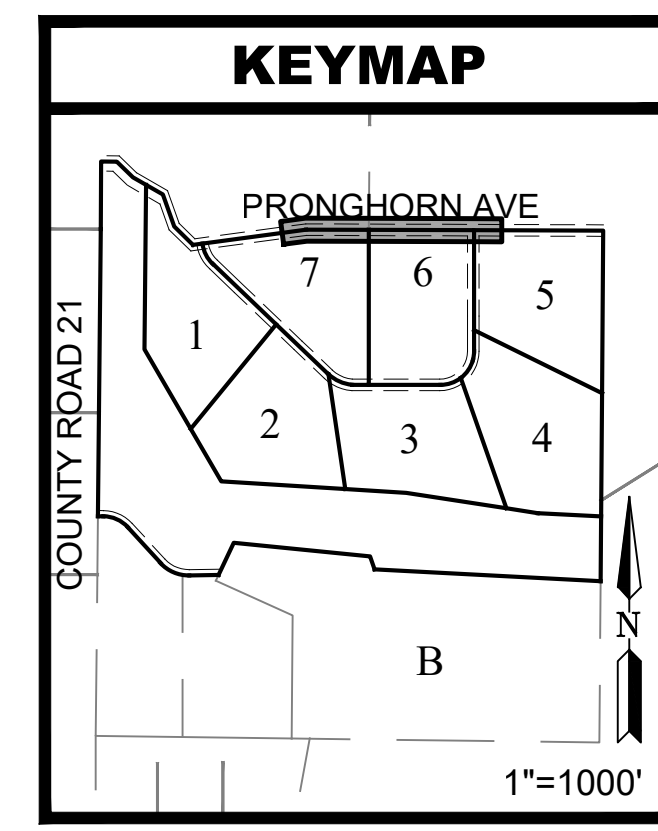


STRIP ALL TOPSOIL SCARIFY AND RECOMPACT SUBGRADE A MIN. OF 8" DEPTH TO 95% STANDARD PROCTOR.

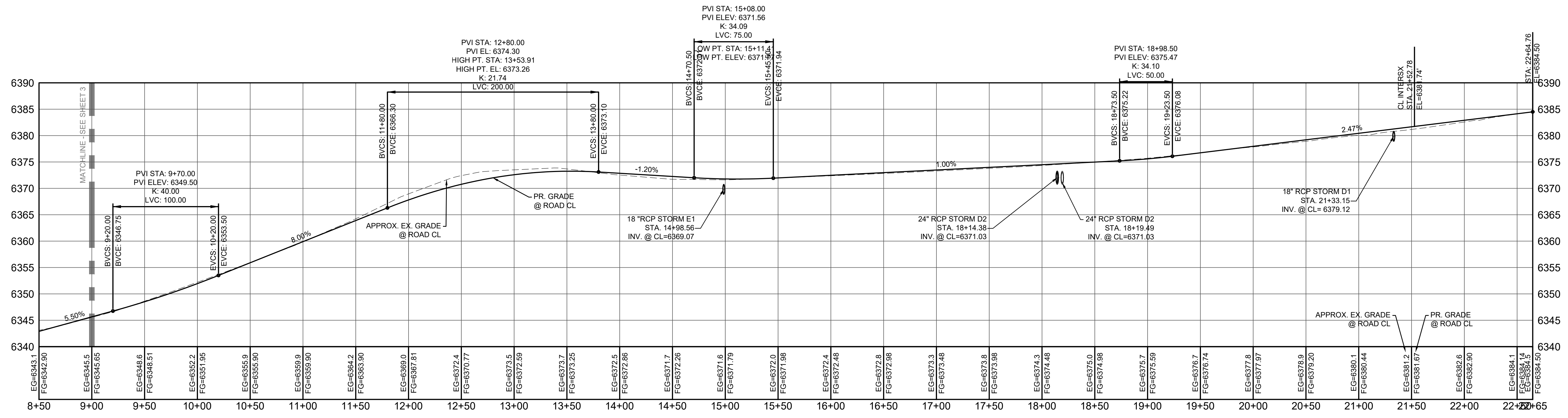
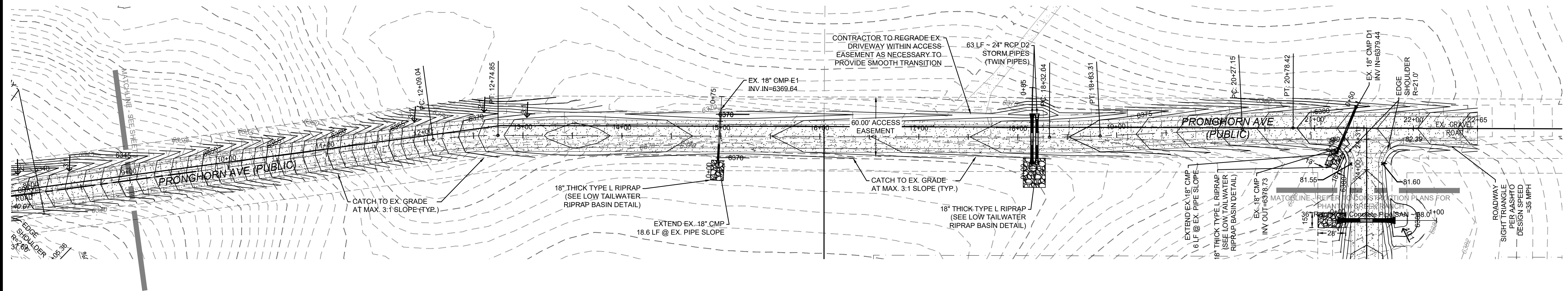
ELBERT COUNTY
LOCAL ROAD TYPE I (GRAVEL)
DRAWING NO. 500-01
N.T.S.



- LEGEND**
- PROPERTY BOUNDARY
 - RIGHT-OF-WAY EASEMENT
 - PROPOSED UTILITY EASEMENT (U.E.)
 - EXISTING GRAVEL ROAD
 - PROPOSED GRAVEL ROAD
 - - - 5279 - - - EXISTING MINOR CONTOUR
 - - - 5280 - - - EXISTING MAJOR CONTOUR
 - - - 5279 - - - PROPOSED MINOR CONTOUR
 - - - 5280 - - - PROPOSED MAJOR CONTOUR
 - 1.2% DIRECTION OF FLOW & GRADIENT



2N CIVIL
303.925.0544
www.2ncivil.com



Pronghorn Avenue PROFILE
SCALE: (H) 1" = 50' (V) 1" = 10'
START STA: 8+50.00, END STA: 22+64.76

PREPARED FOR:
PHANTOM CREEK DEVELOPMENT
39622 COUNTY ROAD 21
ELIZABETH, COLORADO 80107

ROAD PLAN & PROFILE
CONSTRUCTION PLANS
PRONGHORN AVENUE ROAD IMPROVEMENTS
ELBERT COUNTY, COLORADO

DATE: | | | | |
BY: | | | | |

REVISIONS:
1. | | | | |
2. | | | | |
3. | | | | |
4. | | | | |

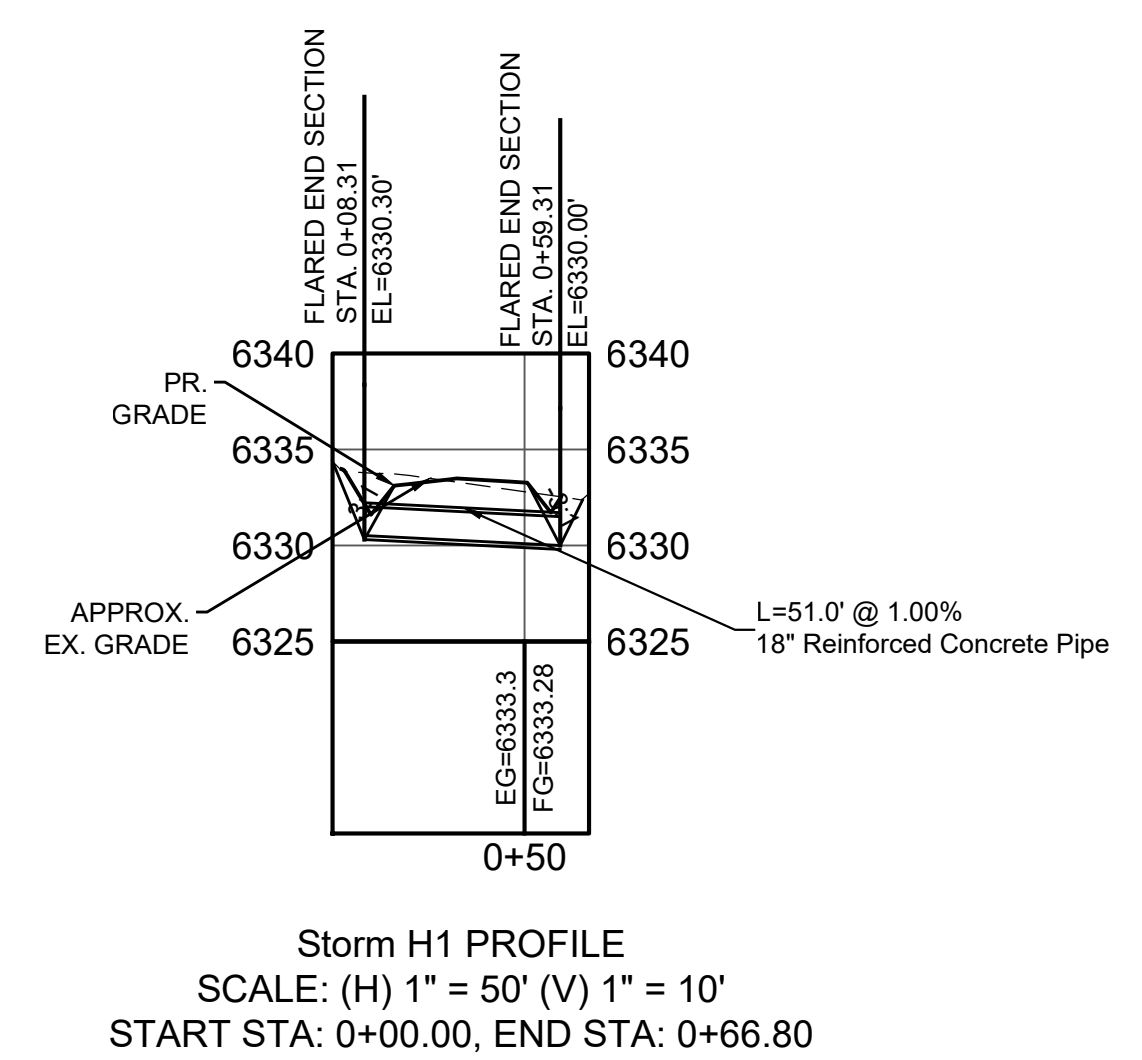
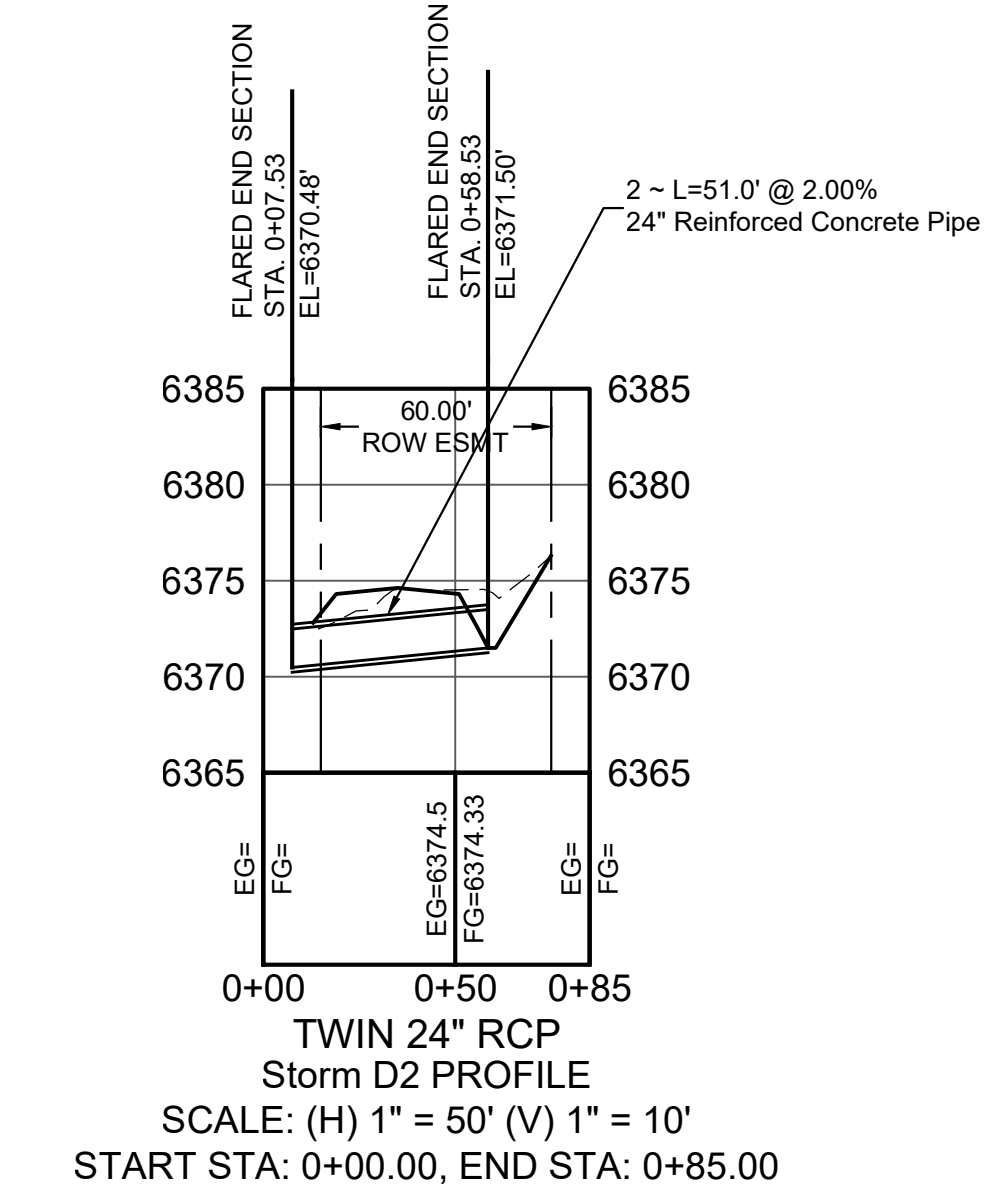
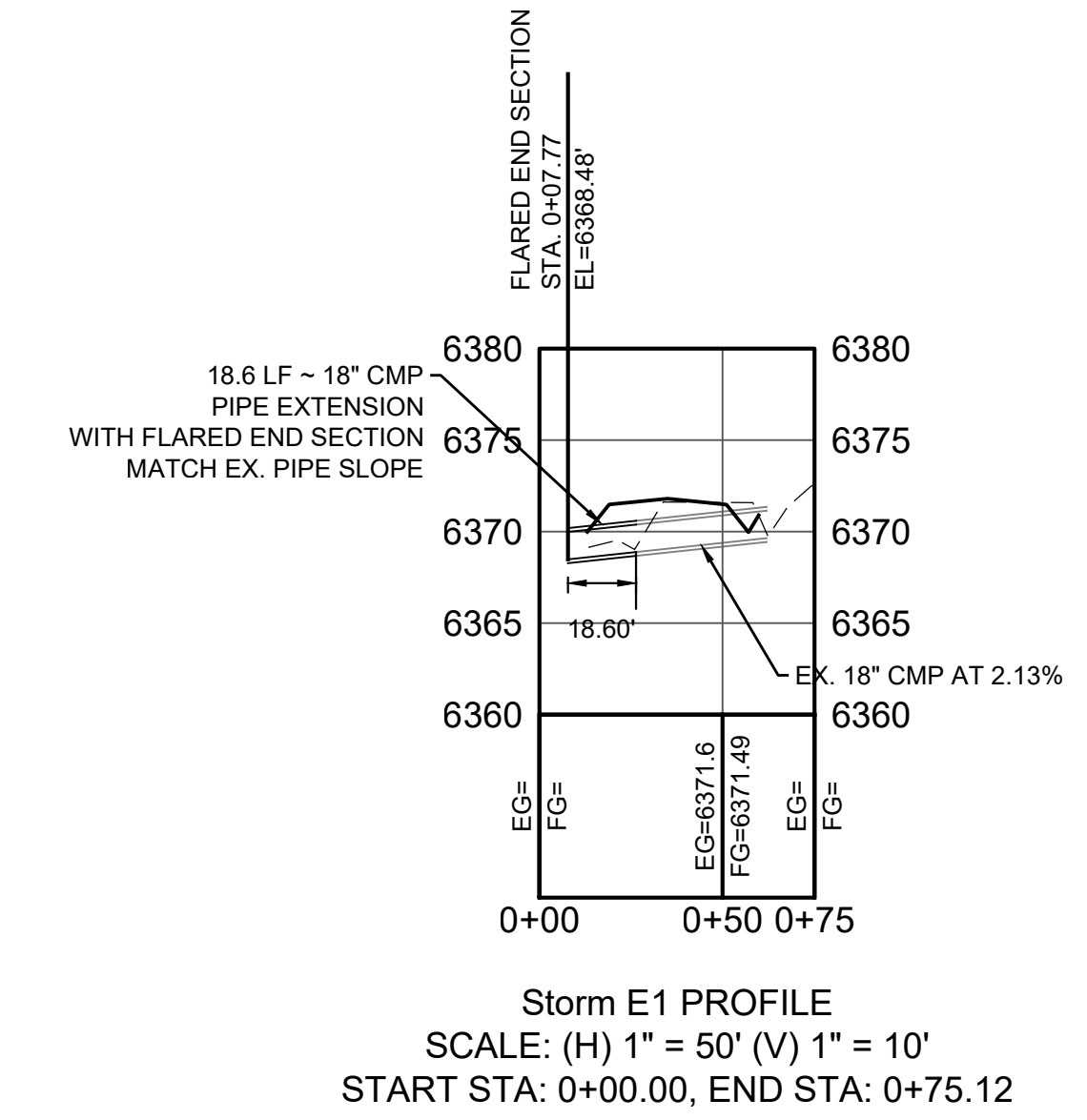
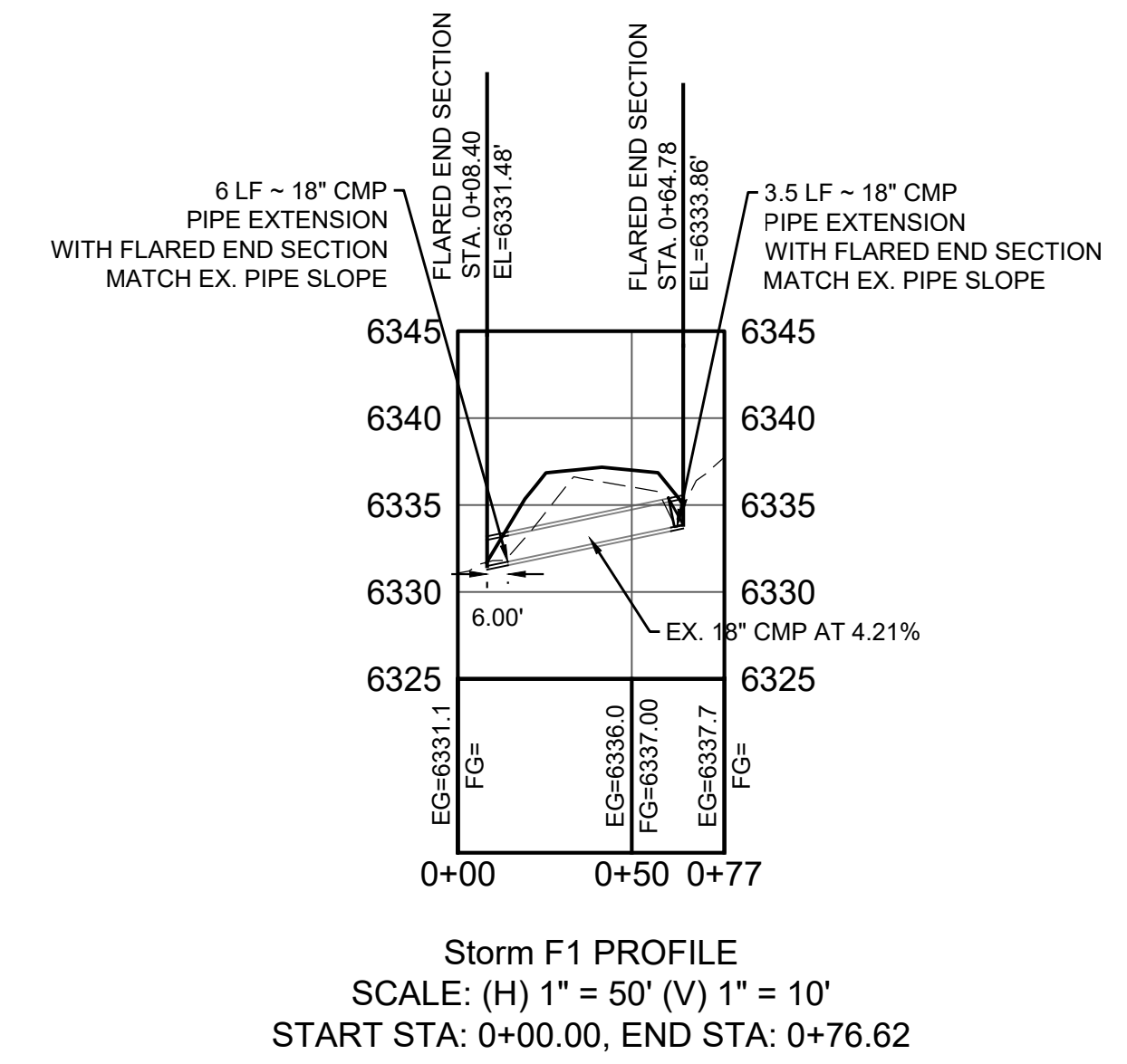
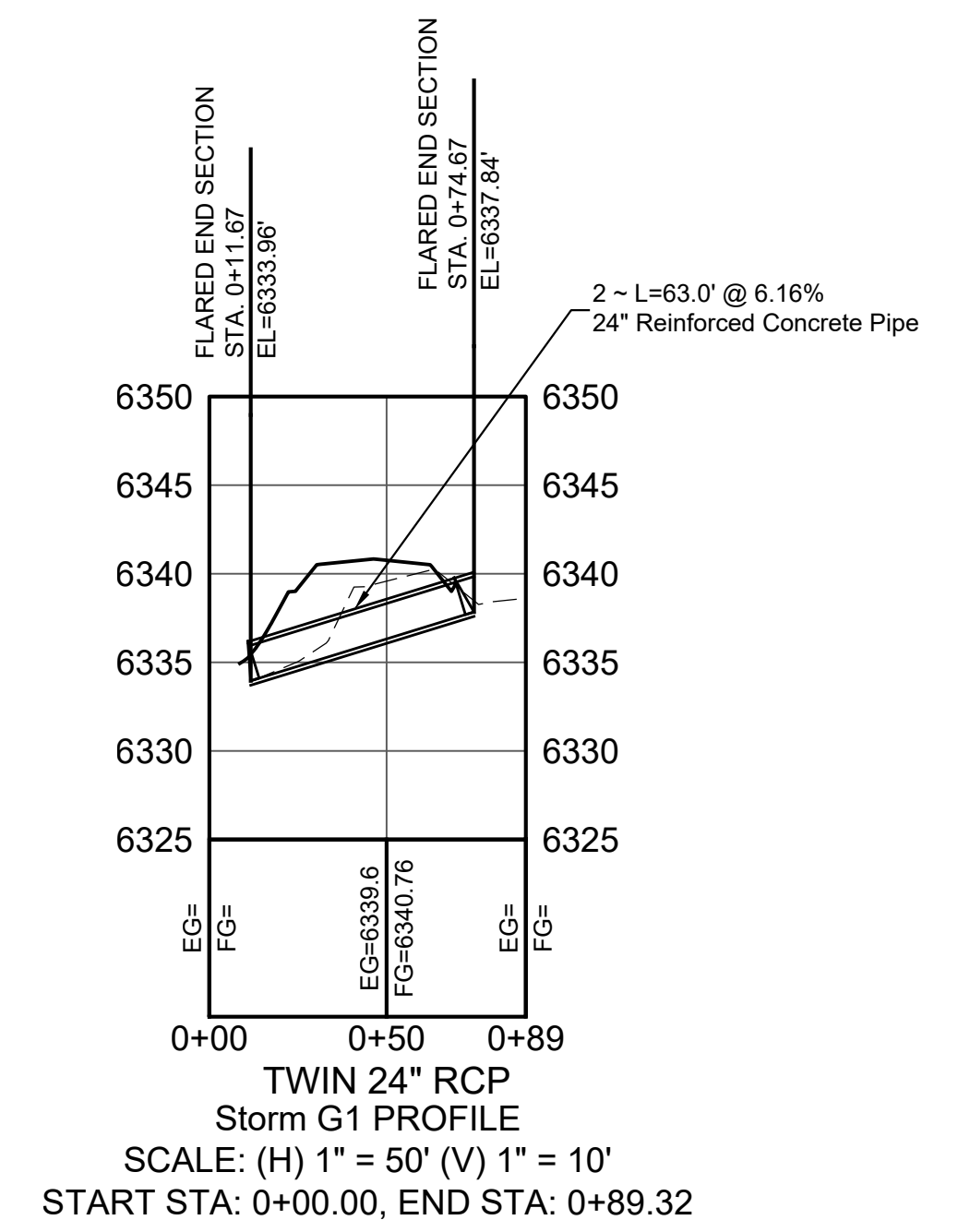
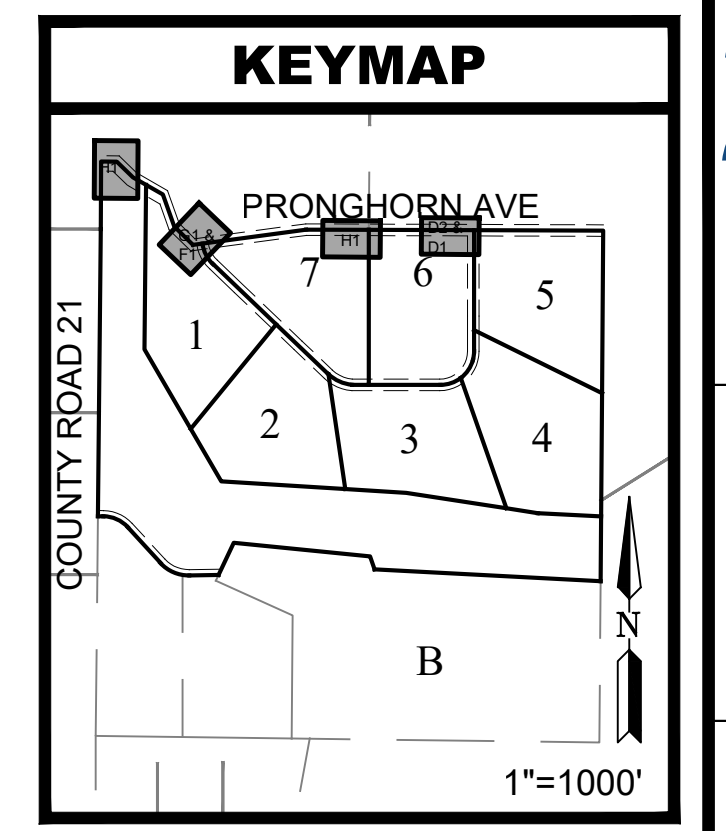
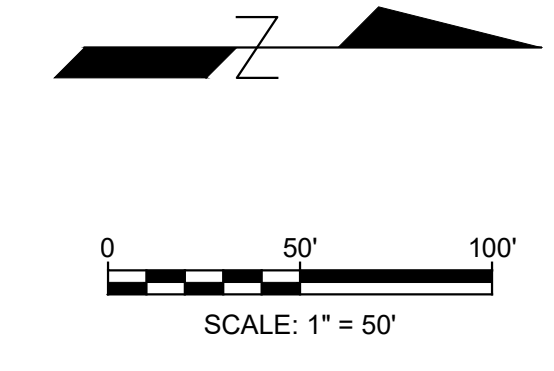
PROJECT NUMBER: 22010
ISSUED DATE: 4-15-2026
DESIGNED BY: TEW
REVIEWED BY: EPT

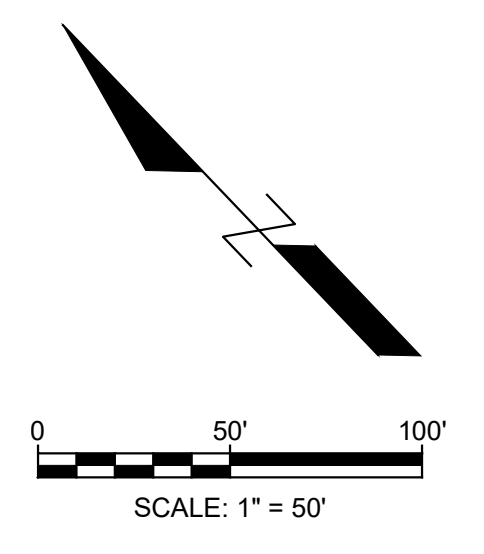
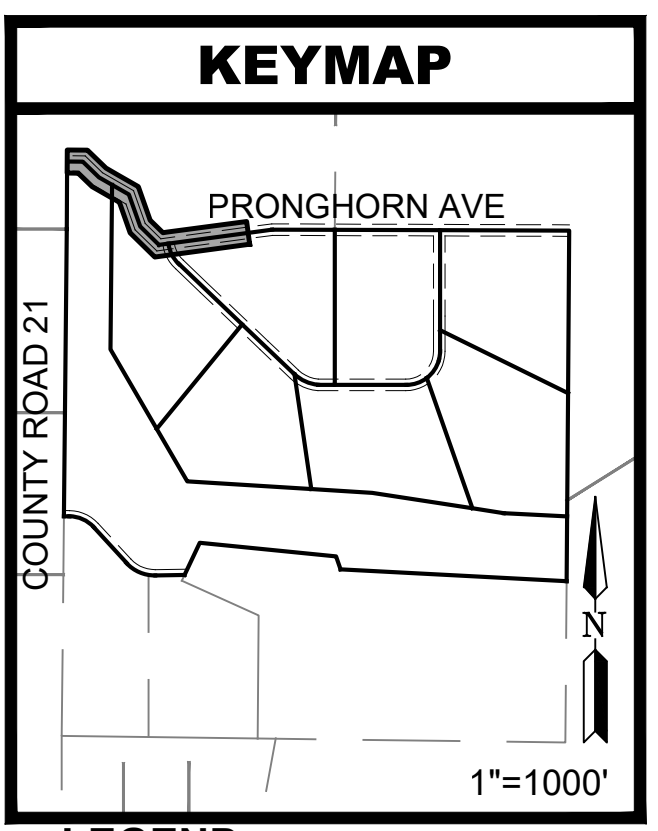
ROAD PLAN & PROFILE



LEGEND

- PROPERTY BOUNDARY
- - - RIGHT-OF-WAY EASEMENT
- - - PROPOSED UTILITY EASEMENT (U.E.)
- ▨ EXISTING GRAVEL ROAD
- ▨ PROPOSED GRAVEL ROAD
- - - 5279 EXISTING MINOR CONTOUR
- - - 5280 EXISTING MAJOR CONTOUR
- 5279 PROPOSED MINOR CONTOUR
- 5280 PROPOSED MAJOR CONTOUR
- 1.2% DIRECTION OF FLOW & GRADIENT



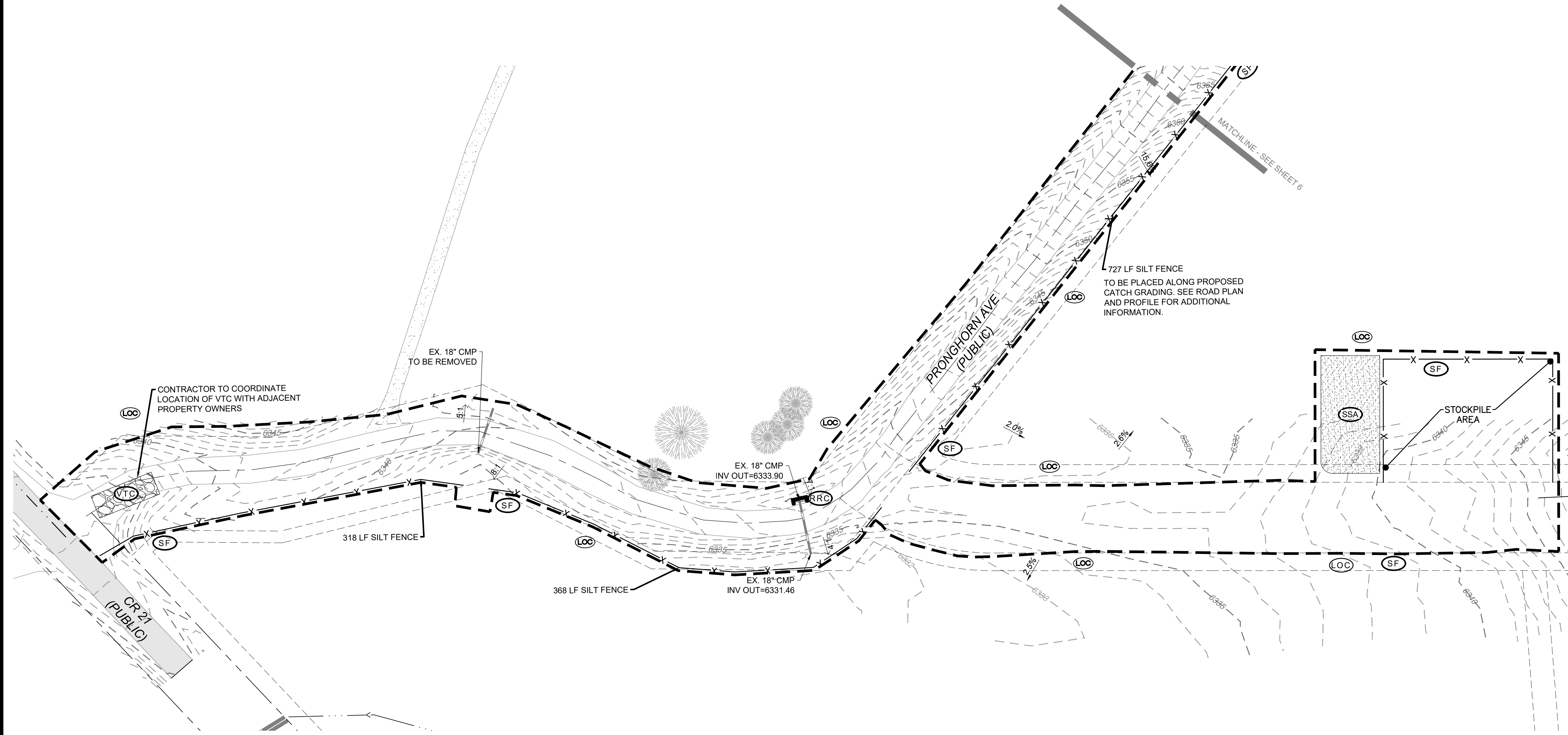


LEGEND

---	PROPERTY BOUNDARY
- - - -	RIGHT-OF-WAY
- - - - -	PROPOSED EASEMENT
- - - - - 5279 - - - - -	EXISTING MINOR CONTOUR
- - - - - 5280 - - - - -	EXISTING MAJOR CONTOUR
- - - - - 5011 - - - - -	PROPOSED MINOR CONTOUR
- - - - - 5015 - - - - -	PROPOSED MAJOR CONTOUR
1.2%	DIRECTION OF FLOW & GRADIENT
(LOC) ---	LIMITS OF CONSTRUCTION
(SF) --- X ---	SILT FENCE
(CD) ---	CHECK DAM
(VTC) [Pattern]	VEHICLE TRACKING CONTROL
(ECB) [Pattern]	EROSION CONTROL BLANKET
(SSA) [Pattern]	STABILIZED STAGING AREA
(SM) [Pattern]	PROPOSED SEEDING AND MULCHING **INACTIVE BMP MEASURE**
(RR) [Pattern]	RIPRAP
(RRC) [Pattern]	REINFORCED ROCK BERM FOR CULVERT PROTECTION

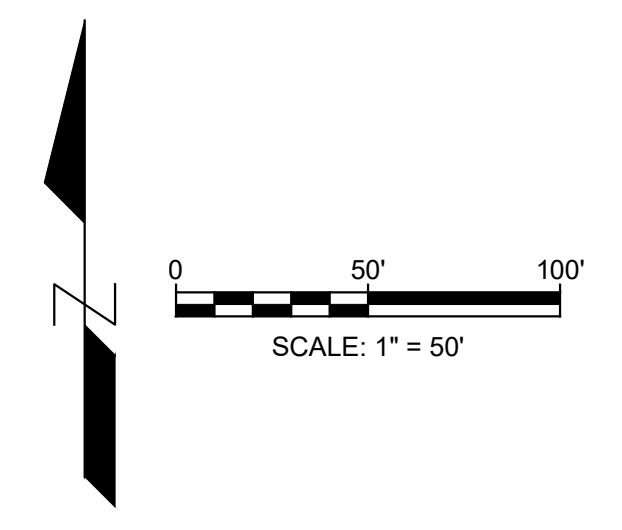
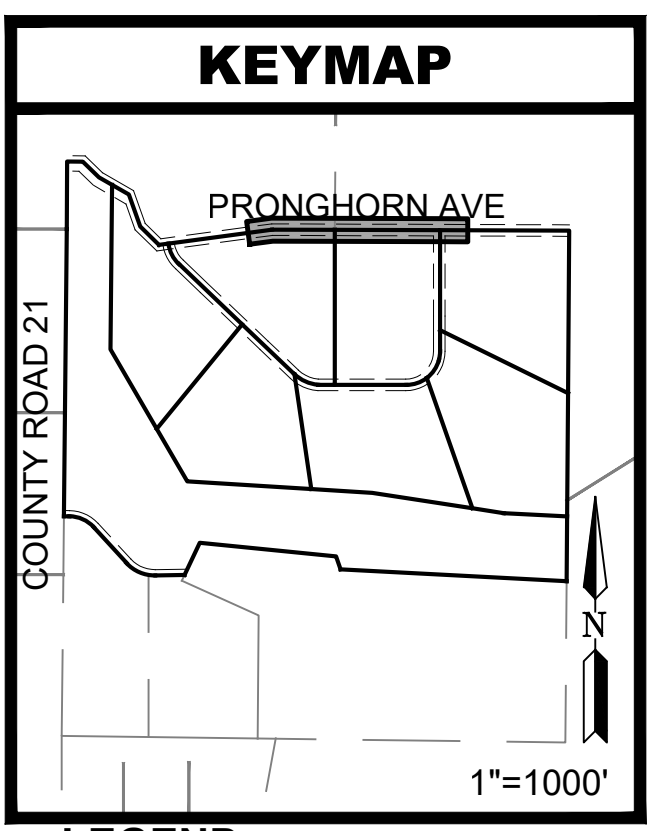
EROSION CONTROL NOTES:

1. THE BMPs SHOWN ON THIS INITIAL STAGE TESC DRAWING SHALL BE INSTALLED AT THE OUTSET OF CONSTRUCTION PRIOR TO ANY OTHER LAND-DISTURBING ACTIVITIES. INITIAL CONTROLS ARE TO BE PLACED ON EXISTING GRADES, BUT SHALL BE BASED IN PART ON PROPOSED GRADING OPERATIONS.



CAUTION: NOTICE TO CONTRACTOR
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION 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 THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

J:\Projects\22010\Drawings\CDP-PRONGHORN_AVE.dwg 4/14/2026

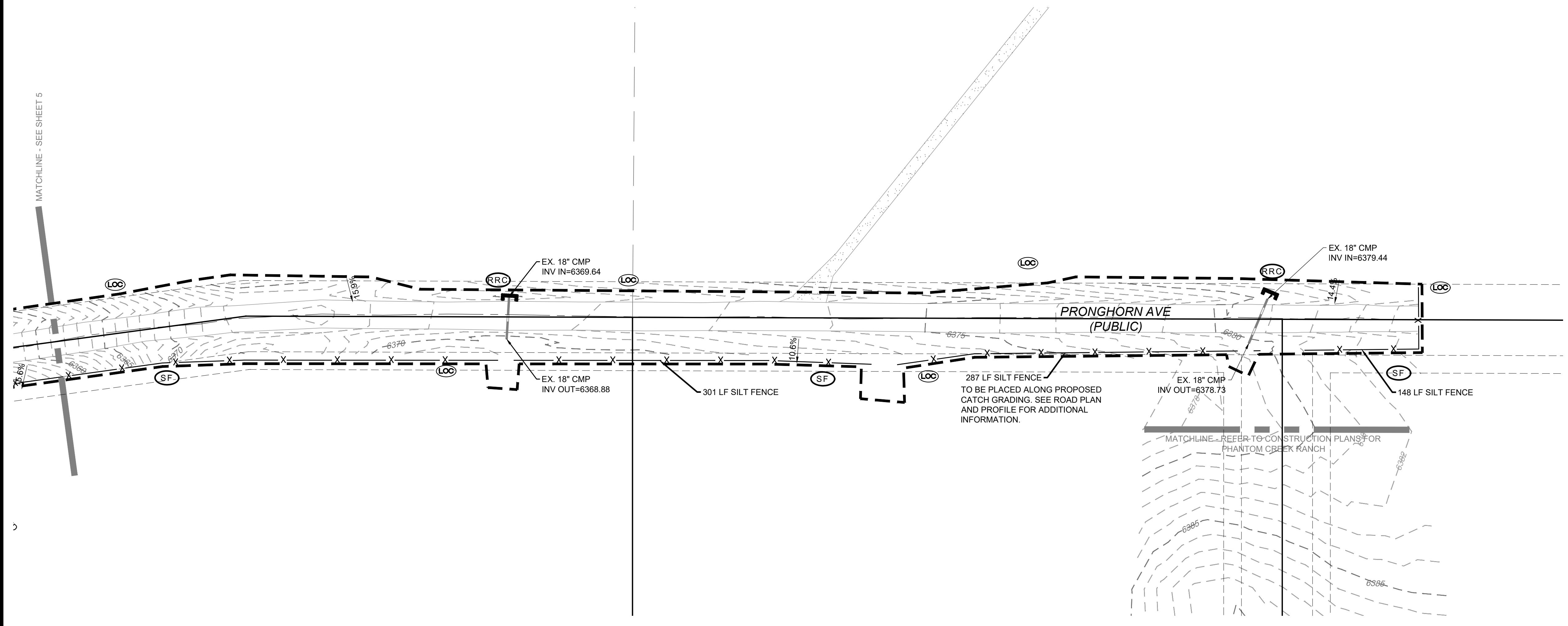


LEGEND

—	PROPERTY BOUNDARY
- - - -	RIGHT-OF-WAY
- - - -	PROPOSED EASEMENT
- - - -5279-	EXISTING MINOR CONTOUR
- - - -5280-	EXISTING MAJOR CONTOUR
- - - -5011-	PROPOSED MINOR CONTOUR
- - - -5015-	PROPOSED MAJOR CONTOUR
1.2%	DIRECTION OF FLOW & GRADIENT
(LOC) —	LIMITS OF CONSTRUCTION
(SF) — X —	SILT FENCE
(CD) —	CHECK DAM
(VTC) [Pattern]	VEHICLE TRACKING CONTROL
(ECB) [Pattern]	EROSION CONTROL BLANKET
(SSA) [Pattern]	STABILIZED STAGING AREA
(SM) [Pattern]	PROPOSED SEEDING AND MULCHING **INACTIVE BMP MEASURE**
(RR) [Pattern]	RIPRAP
(RRC) [Pattern]	REINFORCED ROCK BERM FOR CULVERT PROTECTION

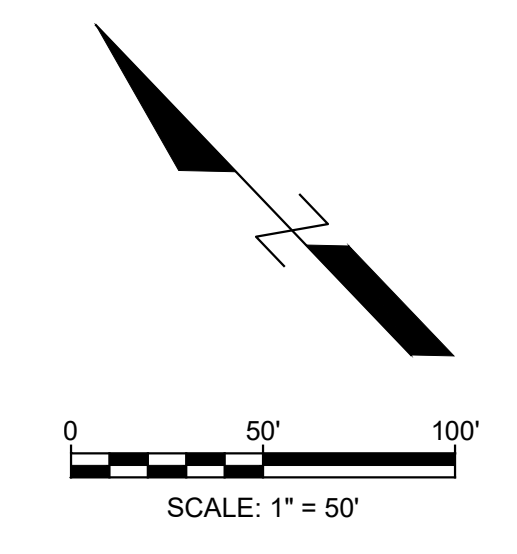
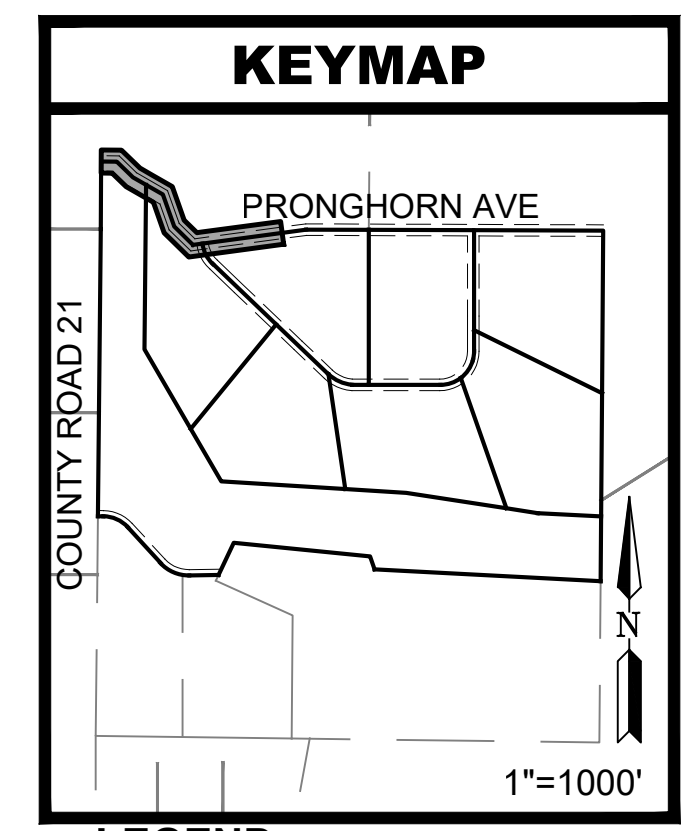
EROSION CONTROL NOTES:

- THE BMPS SHOWN ON THIS INITIAL STAGE TESC DRAWING SHALL BE INSTALLED AT THE OUTSET OF CONSTRUCTION PRIOR TO ANY OTHER LAND-DISTURBING ACTIVITIES. INITIAL CONTROLS ARE TO BE PLACED ON EXISTING GRADES, BUT SHALL BE BASED IN PART ON PROPOSED GRADING OPERATIONS.



CAUTION: NOTICE TO CONTRACTOR
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION 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 THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

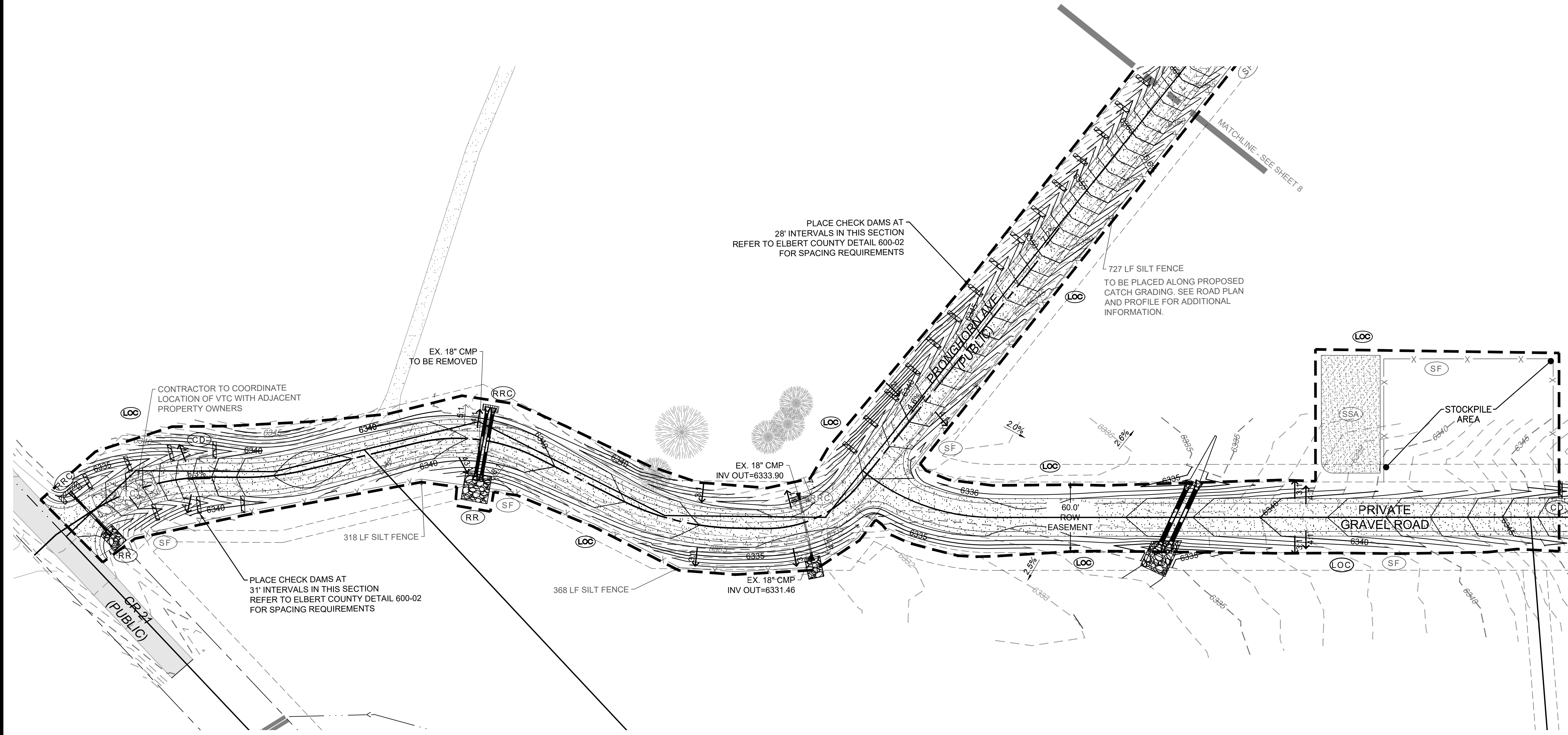
J:\Projects\22010\Draw\CD\CD-PRONGHORN_AVE.dwg 4/14/2026



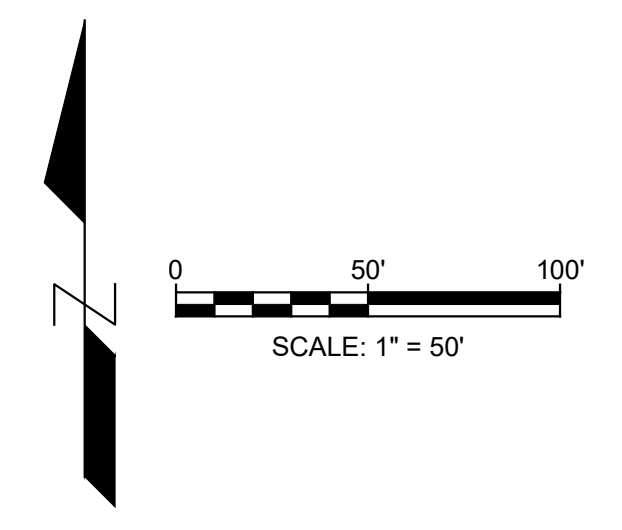
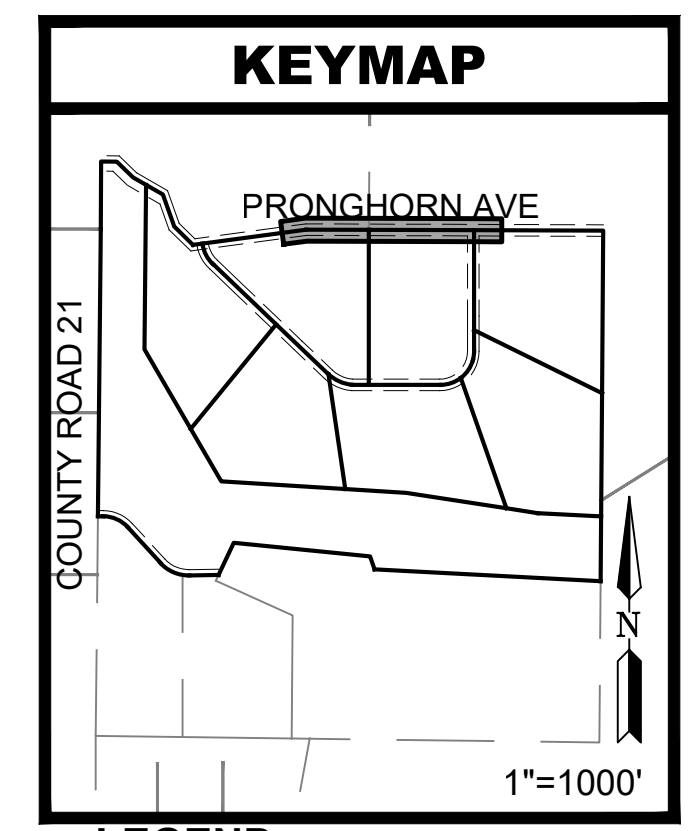
LEGEND

---	PROPERTY BOUNDARY
- - - -	RIGHT-OF-WAY
- - - - -	PROPOSED EASEMENT
- - - - -5279-	EXISTING MINOR CONTOUR
- - - - -5280-	EXISTING MAJOR CONTOUR
- 5011 -	PROPOSED MINOR CONTOUR
- 5015 -	PROPOSED MAJOR CONTOUR
1.2%	DIRECTION OF FLOW & GRADIENT
(LOC) ---	LIMITS OF CONSTRUCTION
(SF) --- X ---	SILT FENCE
(CD) ---	CHECK DAM
(VTC) [Pattern]	VEHICLE TRACKING CONTROL
(ECB) [Pattern]	EROSION CONTROL BLANKET
(SSA) [Pattern]	STABILIZED STAGING AREA
(SM) [Pattern]	PROPOSED SEEDING AND MULCHING **INACTIVE BMP MEASURE**
(RR) [Pattern]	RIPRAP
(RRC) [Pattern]	REINFORCED ROCK BERM FOR CULVERT PROTECTION

- EROSION CONTROL NOTES:**
1. SHADED CONTROL MEASURES WERE INSTALLED IN INITIAL STAGE AND SHALL BE LEFT IN PLACE IN INTERIM STAGE UNLESS OTHERWISE NOTED.
 2. ALL PAVED SURFACES MUST REMAIN FREE OF SEDIMENT AND REQUIRE CLEANING, INCLUDING STREET SWEEPING, AS NEEDED.
 3. THE BMPs SHOWN ON THIS INTERIM TESC DRAWING SHALL BE BASED ON PROPOSED GRADES AND DRAINAGE FEATURES AND ARE INSTALLED AFTER INITIAL SITE GRADING. FOR SOME BMPs SUCH AS INLET PROTECTION, INTERIM CONTROLS ARE INSTALLED AFTER THE CONSTRUCTION OF SITE INFRASTRUCTURE.
 4. ANY WASTE AND DISPOSAL ITEMS SHALL BE PROCESSED THROUGH THE STAGING AREA AND PROPERLY DISPOSED OF OFF-SITE.



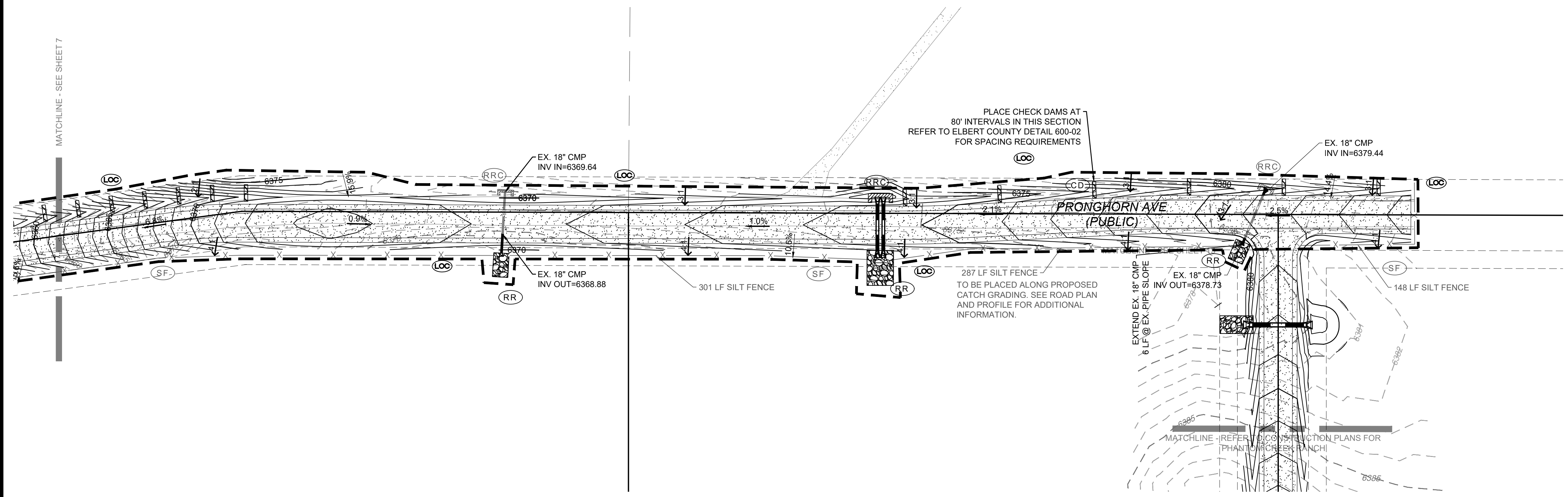
CAUTION: NOTICE TO CONTRACTOR
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS 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 THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.



LEGEND

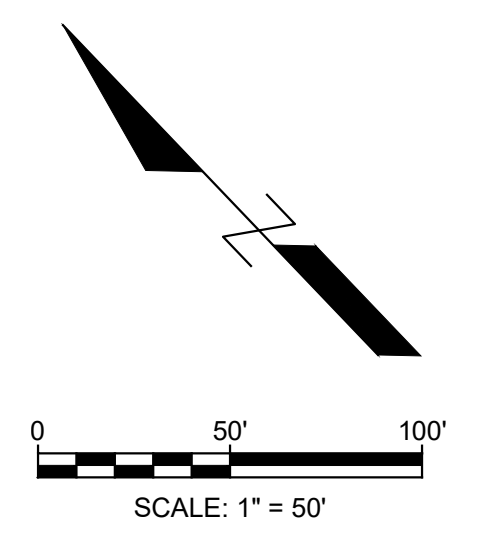
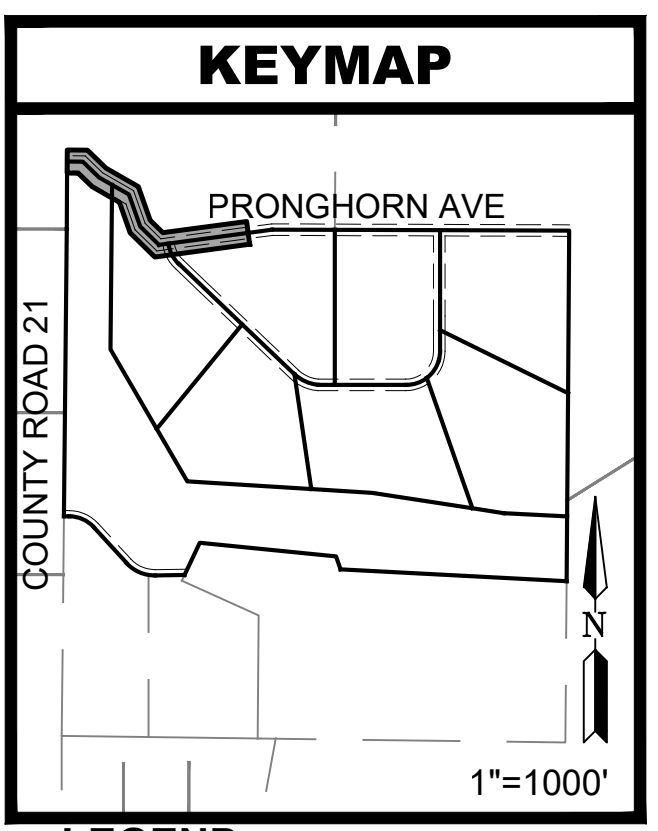
---	PROPERTY BOUNDARY
- - - -	RIGHT-OF-WAY
- - - - -	PROPOSED EASEMENT
- - -5279 - - -	EXISTING MINOR CONTOUR
- - -5280 - - -	EXISTING MAJOR CONTOUR
- - -5011 - - -	PROPOSED MINOR CONTOUR
- - -5015 - - -	PROPOSED MAJOR CONTOUR
1.2%	DIRECTION OF FLOW & GRADIENT
(LOC) ---	LIMITS OF CONSTRUCTION
(SF) --- X ---	SILT FENCE
(CD) ---	CHECK DAM
(VTC) [Pattern]	VEHICLE TRACKING CONTROL
(ECB) [Pattern]	EROSION CONTROL BLANKET
(SSA) [Pattern]	STABILIZED STAGING AREA
(SM) [Pattern]	PROPOSED SEEDING AND MULCHING **INACTIVE BMP MEASURE**
(RR) [Pattern]	RIPRAP
(RRC) [Pattern]	REINFORCED ROCK BERM FOR CULVERT PROTECTION

- EROSION CONTROL NOTES:**
1. SHADED CONTROL MEASURES WERE INSTALLED IN INITIAL STAGE AND SHALL BE LEFT IN PLACE IN INTERIM STAGE UNLESS OTHERWISE NOTED.
 2. ALL PAVED SURFACES MUST REMAIN FREE OF SEDIMENT AND REQUIRE CLEANING, INCLUDING STREET SWEEPING, AS NEEDED.
 3. THE BMPs SHOWN ON THIS INTERIM TESC DRAWING SHALL BE BASED ON PROPOSED GRADES AND DRAINAGE FEATURES AND ARE INSTALLED AFTER INITIAL SITE GRADING. FOR SOME BMPs SUCH AS INLET PROTECTION, INTERIM CONTROLS ARE INSTALLED AFTER THE CONSTRUCTION OF SITE INFRASTRUCTURE.
 4. ANY WASTE AND DISPOSAL ITEMS SHALL BE PROCESSED THROUGH THE STAGING AREA AND PROPERLY DISPOSED OF OFF-SITE.



811
Know what's below.
Call before you dig.

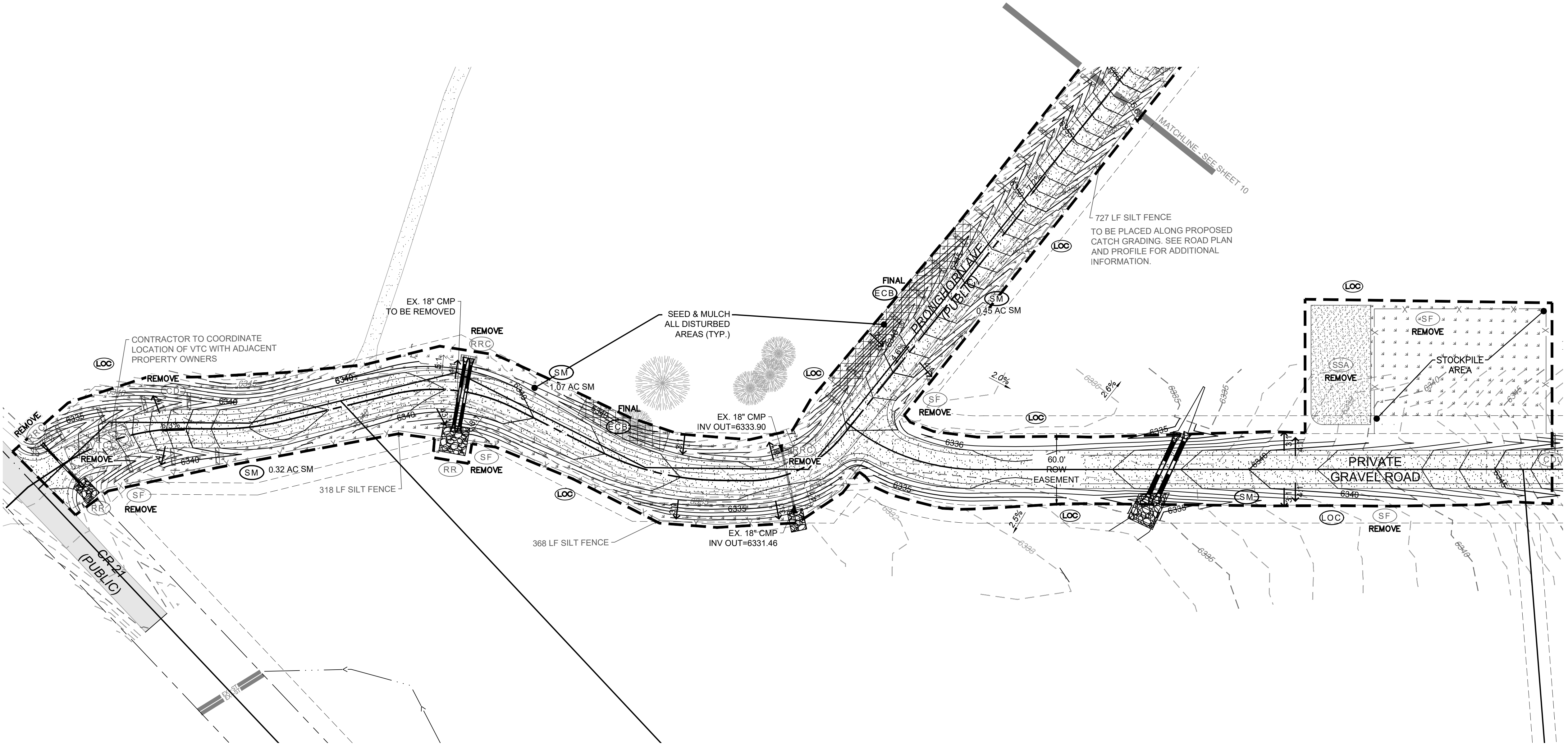
CAUTION: NOTICE TO CONTRACTOR
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS 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 THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.



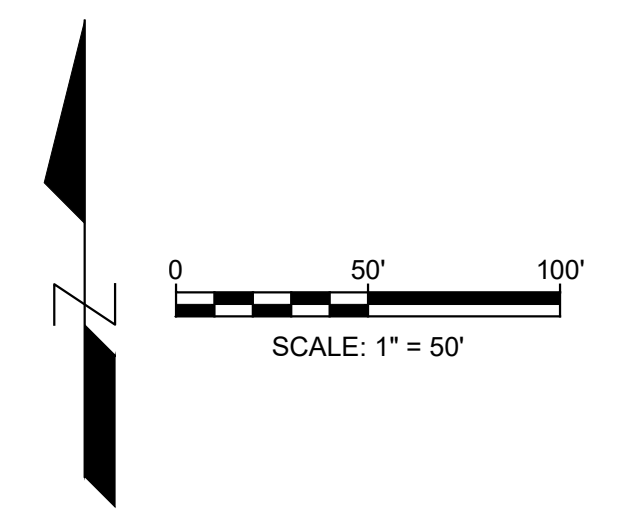
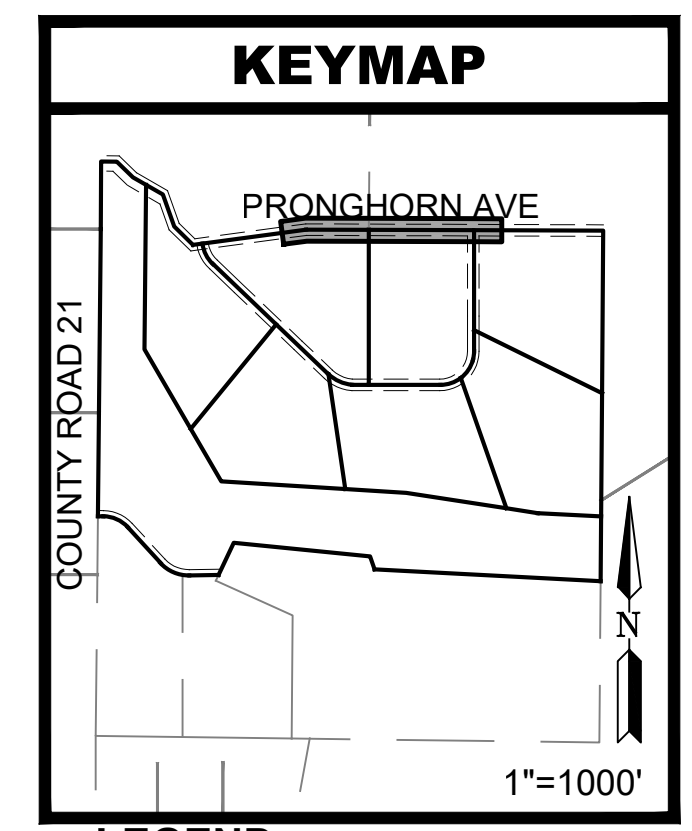
LEGEND

———	PROPERTY BOUNDARY
- - - - -	RIGHT-OF-WAY
- - - - -	PROPOSED EASEMENT
- - - - -	EXISTING MINOR CONTOUR
- - - - -	EXISTING MAJOR CONTOUR
- - - - -	PROPOSED MINOR CONTOUR
- - - - -	PROPOSED MAJOR CONTOUR
1.2%	DIRECTION OF FLOW & GRADIENT
LOC	LIMITS OF CONSTRUCTION
SF	SILT FENCE
CD	CHECK DAM
VTC	VEHICLE TRACKING CONTROL
ECB	EROSION CONTROL BLANKET
SSA	STABILIZED STAGING AREA
SM	PROPOSED SEEDING AND MULCHING **INACTIVE BMP MEASURE**
RR	RIPRAP
RRC	REINFORCED ROCK BERM FOR CULVERT PROTECTION

- EROSION CONTROL NOTES:**
1. SHADED CONTROL MEASURES WERE INSTALLED IN INITIAL OR INTERIM TESC DRAWING AND, UNLESS OTHERWISE INDICATED, SHALL BE LEFT IN PLACE UNTIL REVEGETATION ESTABLISHMENT IS APPROVED BY THE TOWN.
 2. ALL PAVED SURFACES MUST REMAIN FREE OF SEDIMENT AND REQUIRE CLEANING, INCLUDING STREET SWEEPING, AS NEEDED.
 3. THE BMPs SHOWN ON THIS FINAL STAGE TESC DRAWING SHALL BE INSTALLED AS ONE OF THE LAST STEPS IN THE CONSTRUCTION PROCESS, SUCH AS FINAL SEEDING AND MULCHING.
 4. STAGING AREAS SHALL BE RESTORED TO PROPOSED CONDITIONS AFTER CONSTRUCTION IS COMPLETE.
 5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PHASE THE FINAL BMPs AS THE CONSTRUCTION PHASES PROGRESS.



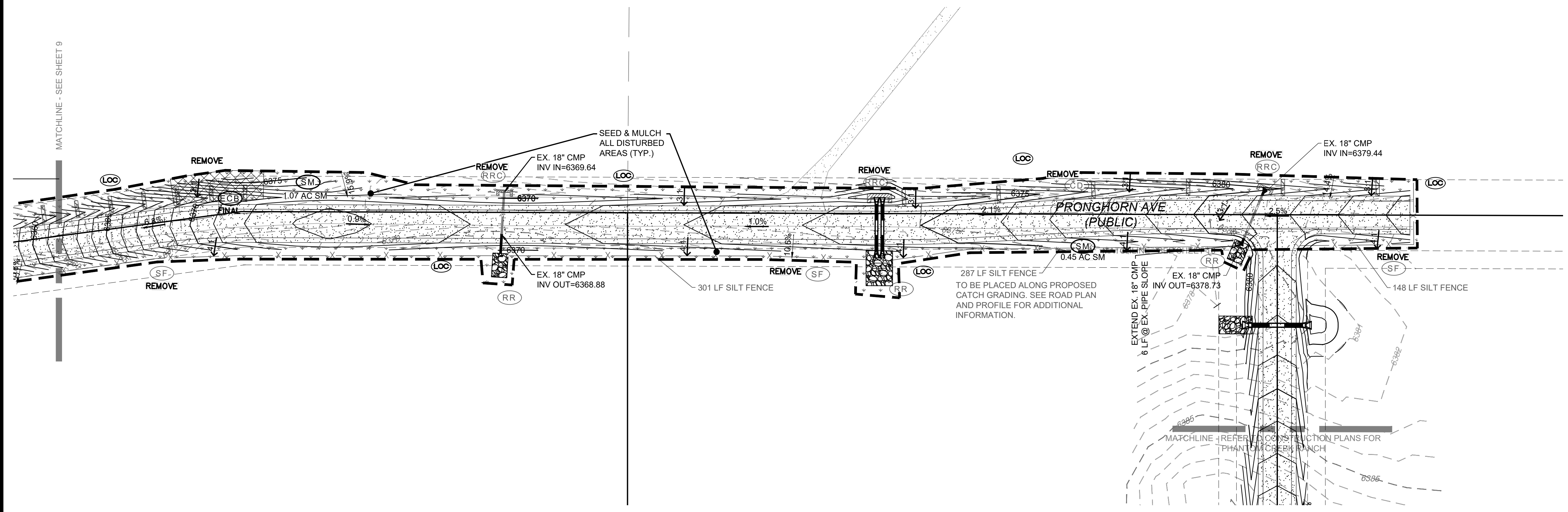
CAUTION: NOTICE TO CONTRACTOR
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS 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 THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.



LEGEND

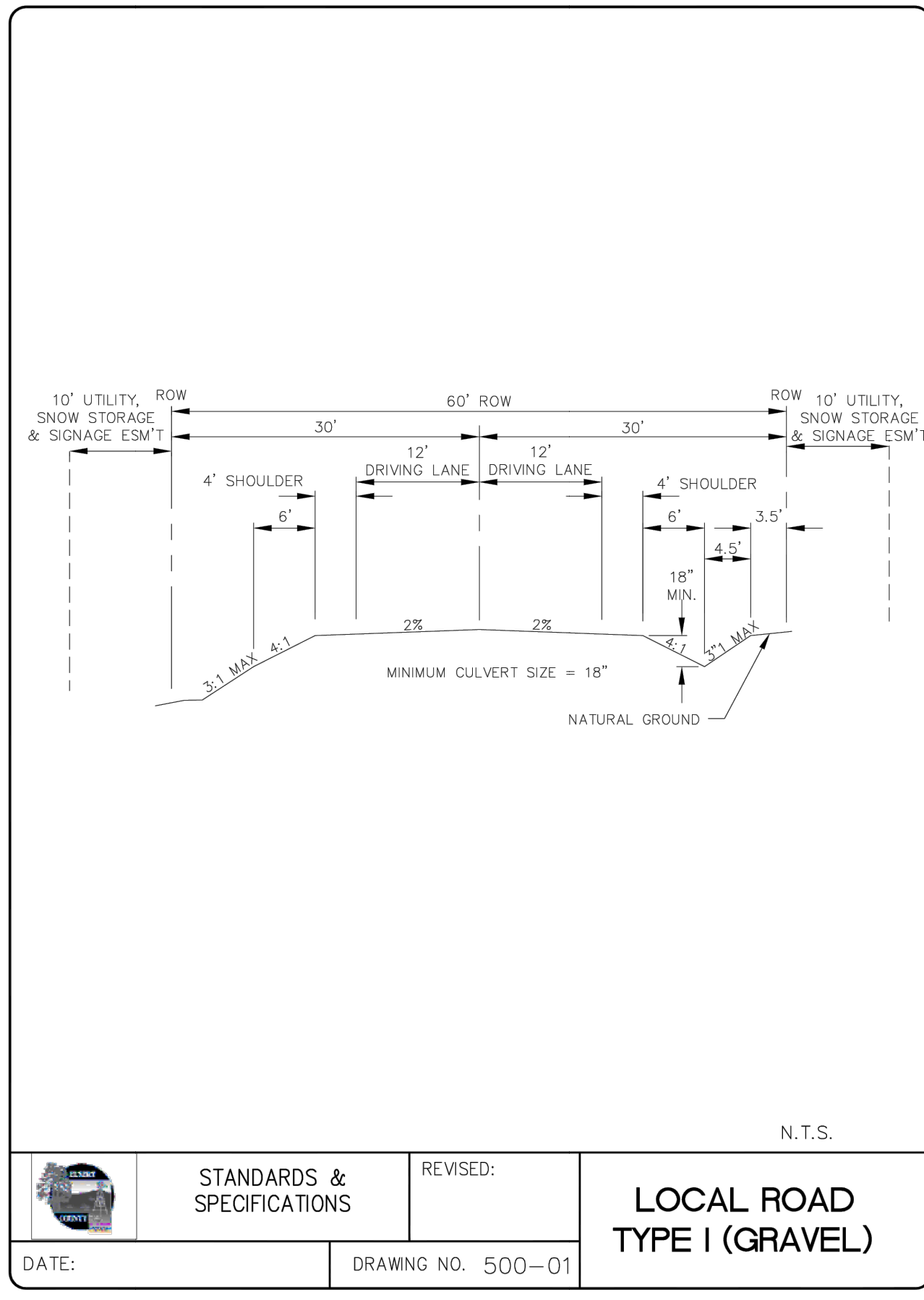
—	PROPERTY BOUNDARY
- - - -	RIGHT-OF-WAY
- - - - -	PROPOSED EASEMENT
- - -5279 - - -	EXISTING MINOR CONTOUR
- - -5280 - - -	EXISTING MAJOR CONTOUR
-5011 -	PROPOSED MINOR CONTOUR
-5015 -	PROPOSED MAJOR CONTOUR
1.2%	DIRECTION OF FLOW & GRADIENT
(LOC) —	LIMITS OF CONSTRUCTION
(SF) — X —	SILT FENCE
(CD) —	CHECK DAM
(VTC) [Pattern]	VEHICLE TRACKING CONTROL
(ECB) [Pattern]	EROSION CONTROL BLANKET
(SSA) [Pattern]	STABILIZED STAGING AREA
(SM) [Pattern]	PROPOSED SEEDING AND MULCHING **INACTIVE BMP MEASURE**
(RR) [Pattern]	RIPRAP
(RRC) [Pattern]	REINFORCED ROCK BERM FOR CULVERT PROTECTION

- EROSION CONTROL NOTES:**
1. SHADED CONTROL MEASURES WERE INSTALLED IN INITIAL OR INTERIM TESC DRAWING AND, UNLESS OTHERWISE INDICATED, SHALL BE LEFT IN PLACE UNTIL REVEGETATION ESTABLISHMENT IS APPROVED BY THE TOWN.
 2. ALL PAVED SURFACES MUST REMAIN FREE OF SEDIMENT AND REQUIRE CLEANING, INCLUDING STREET SWEEPING, AS NEEDED.
 3. THE BMPs SHOWN ON THIS FINAL STAGE TESC DRAWING SHALL BE INSTALLED AS ONE OF THE LAST STEPS IN THE CONSTRUCTION PROCESS, SUCH AS FINAL SEEDING AND MULCHING.
 4. STAGING AREAS SHALL BE RESTORED TO PROPOSED CONDITIONS AFTER CONSTRUCTION IS COMPLETE.
 5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PHASE THE FINAL BMPs AS THE CONSTRUCTION PHASES PROGRESS.

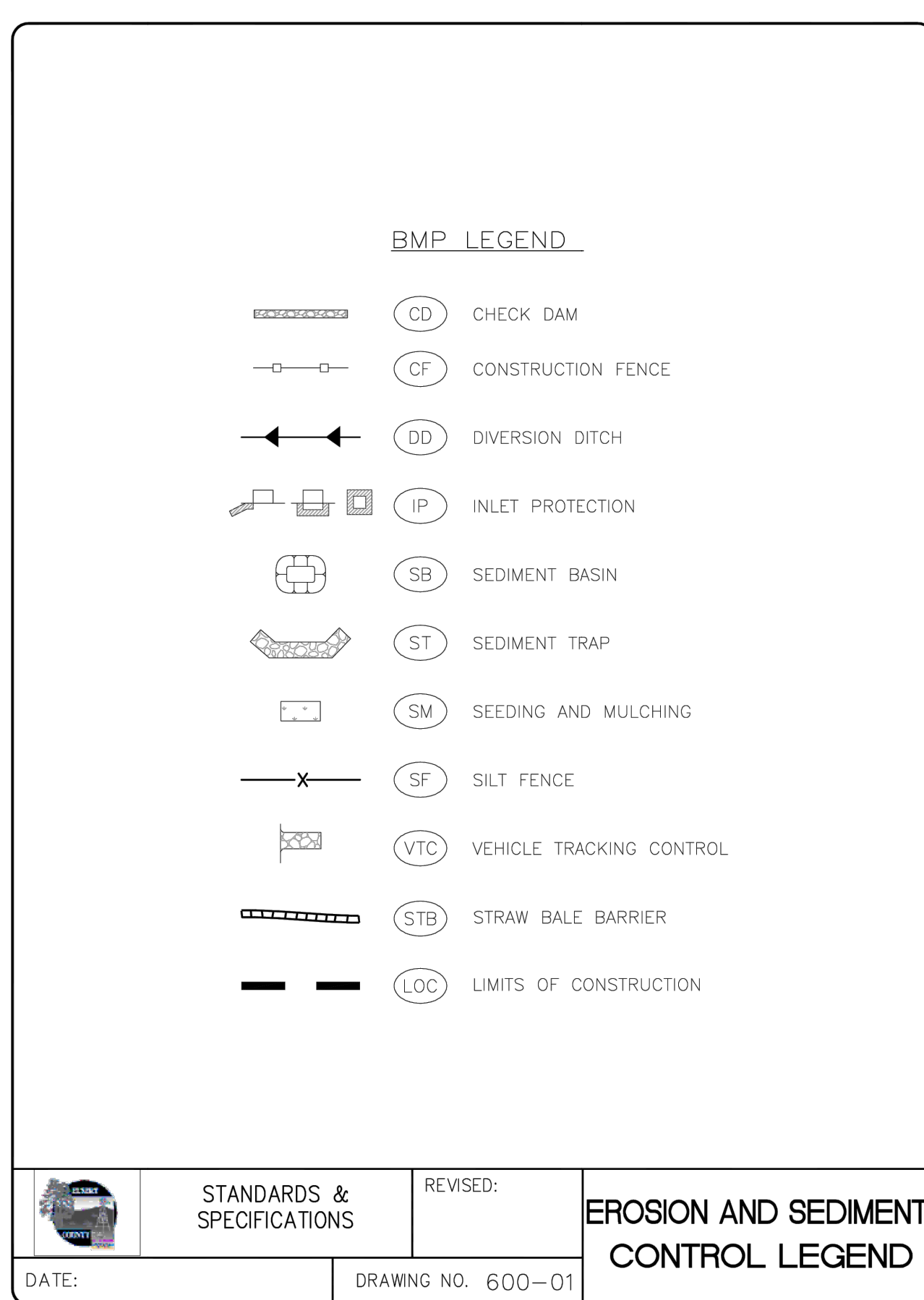


CAUTION: NOTICE TO CONTRACTOR
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS 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 THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

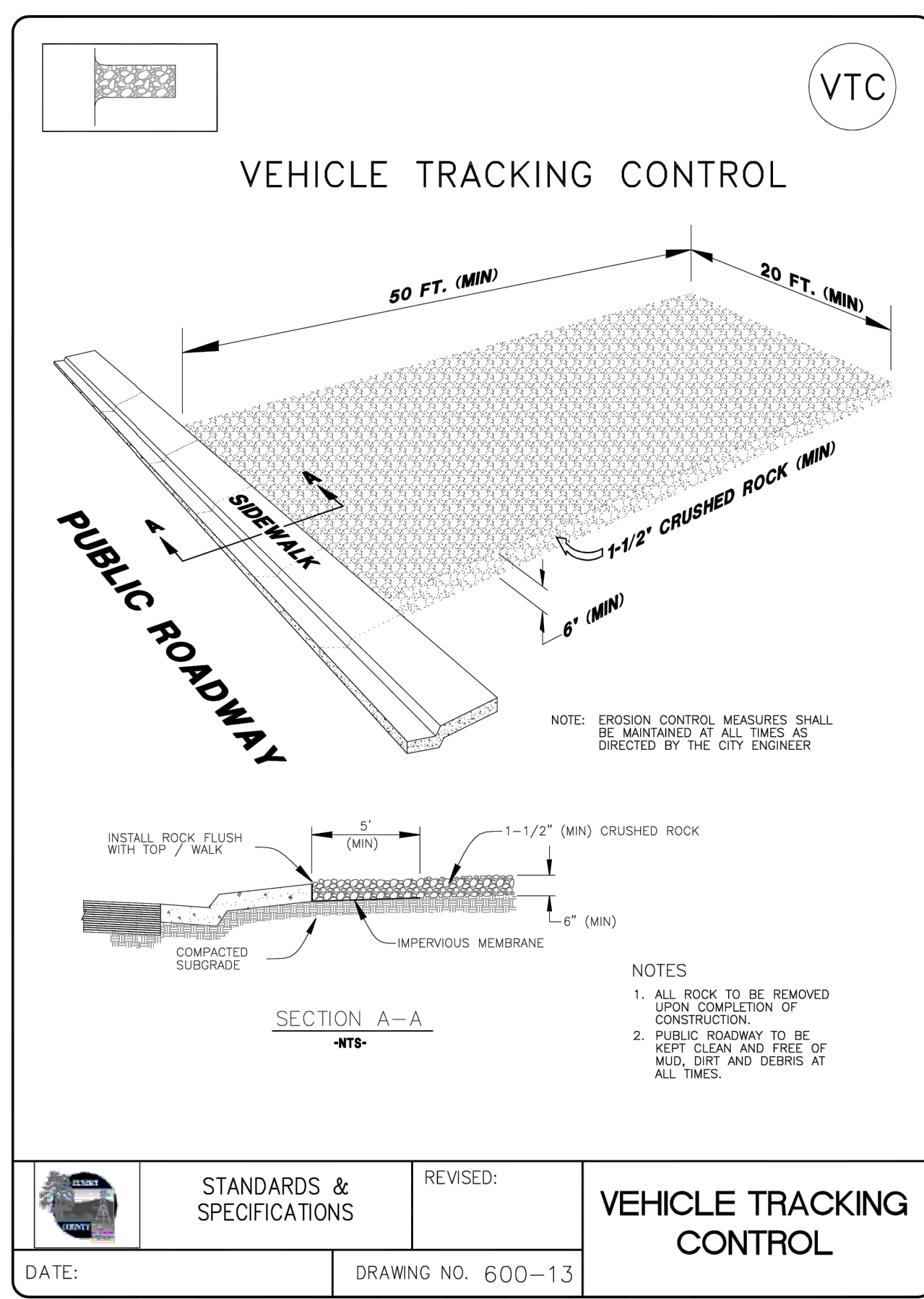
J:\Projects\22010\Final\CDP-PRONGHORN_AVE.dwg 4/14/2026



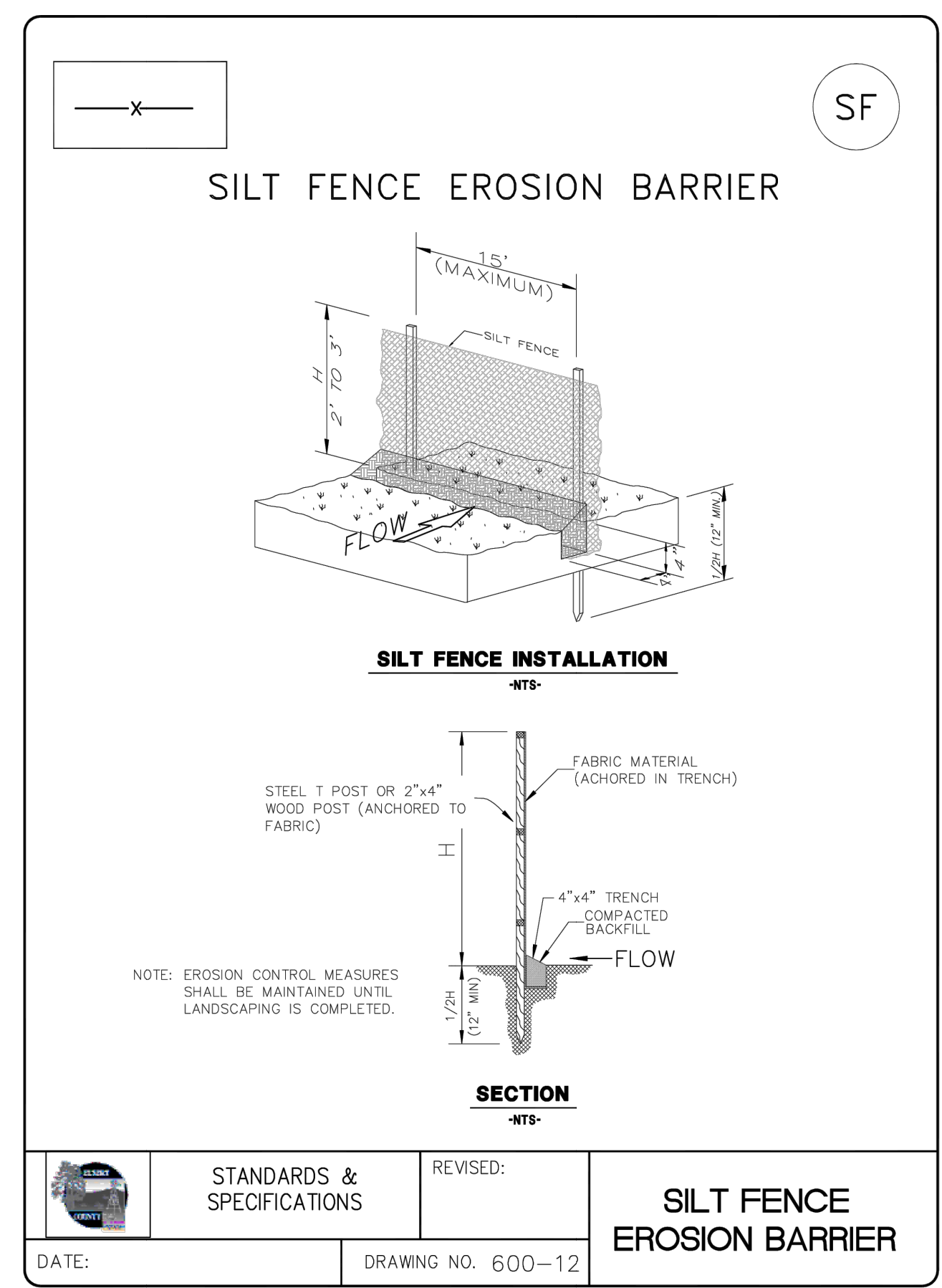
STANDARDS & SPECIFICATIONS
REVISED: _____
LOCAL ROAD TYPE I (GRAVEL)
DATE: _____ DRAWING NO. 500-01



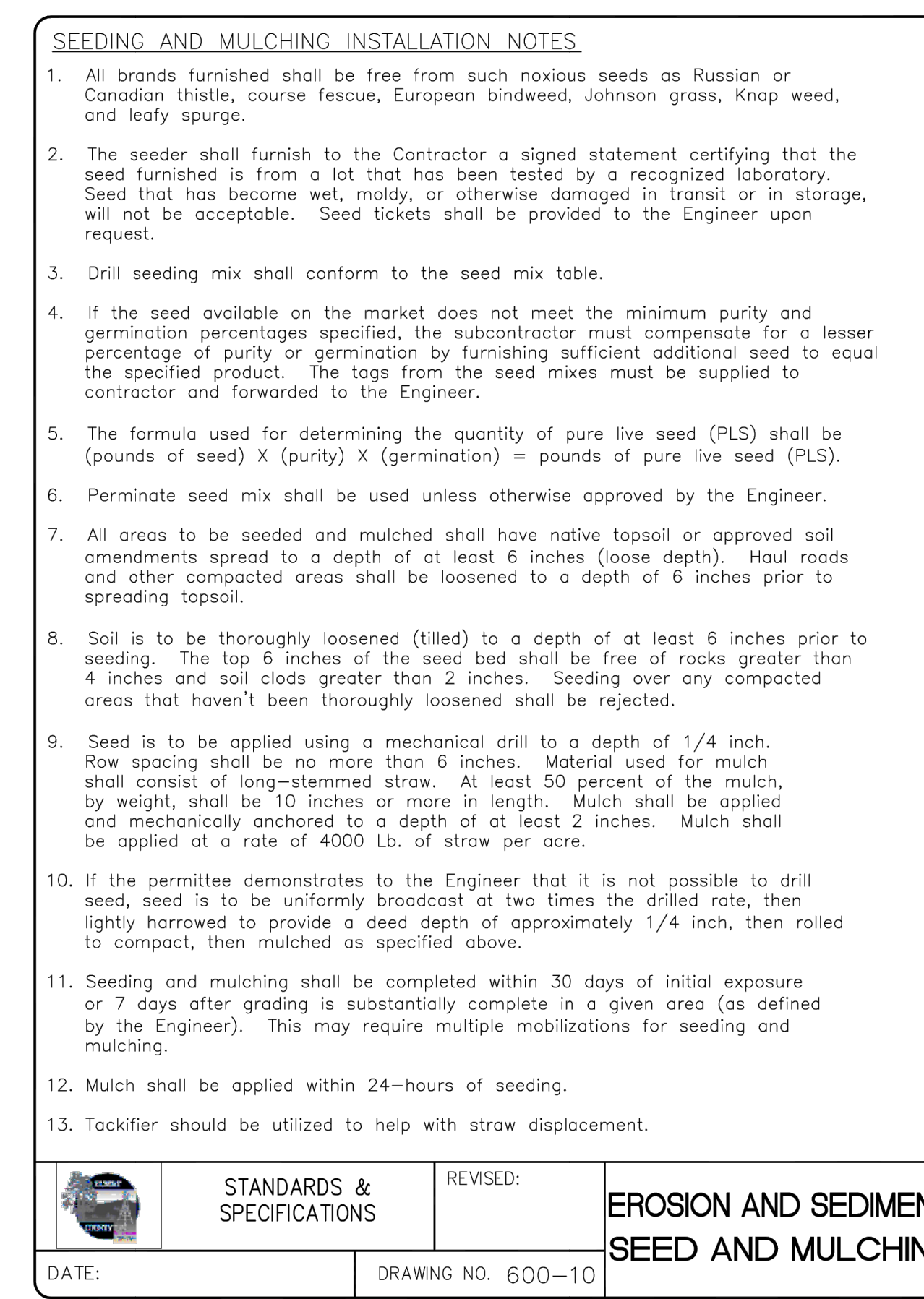
STANDARDS & SPECIFICATIONS
REVISED: _____
EROSION AND SEDIMENT CONTROL LEGEND
DATE: _____ DRAWING NO. 600-01



STANDARDS & SPECIFICATIONS
REVISED: _____
VEHICLE TRACKING CONTROL
DATE: _____ DRAWING NO. 600-13



STANDARDS & SPECIFICATIONS
REVISED: _____
SILT FENCE EROSION BARRIER
DATE: _____ DRAWING NO. 600-12



STANDARDS & SPECIFICATIONS
REVISED: _____
EROSION AND SEDIMENT SEED AND MULCHING
DATE: _____ DRAWING NO. 600-10

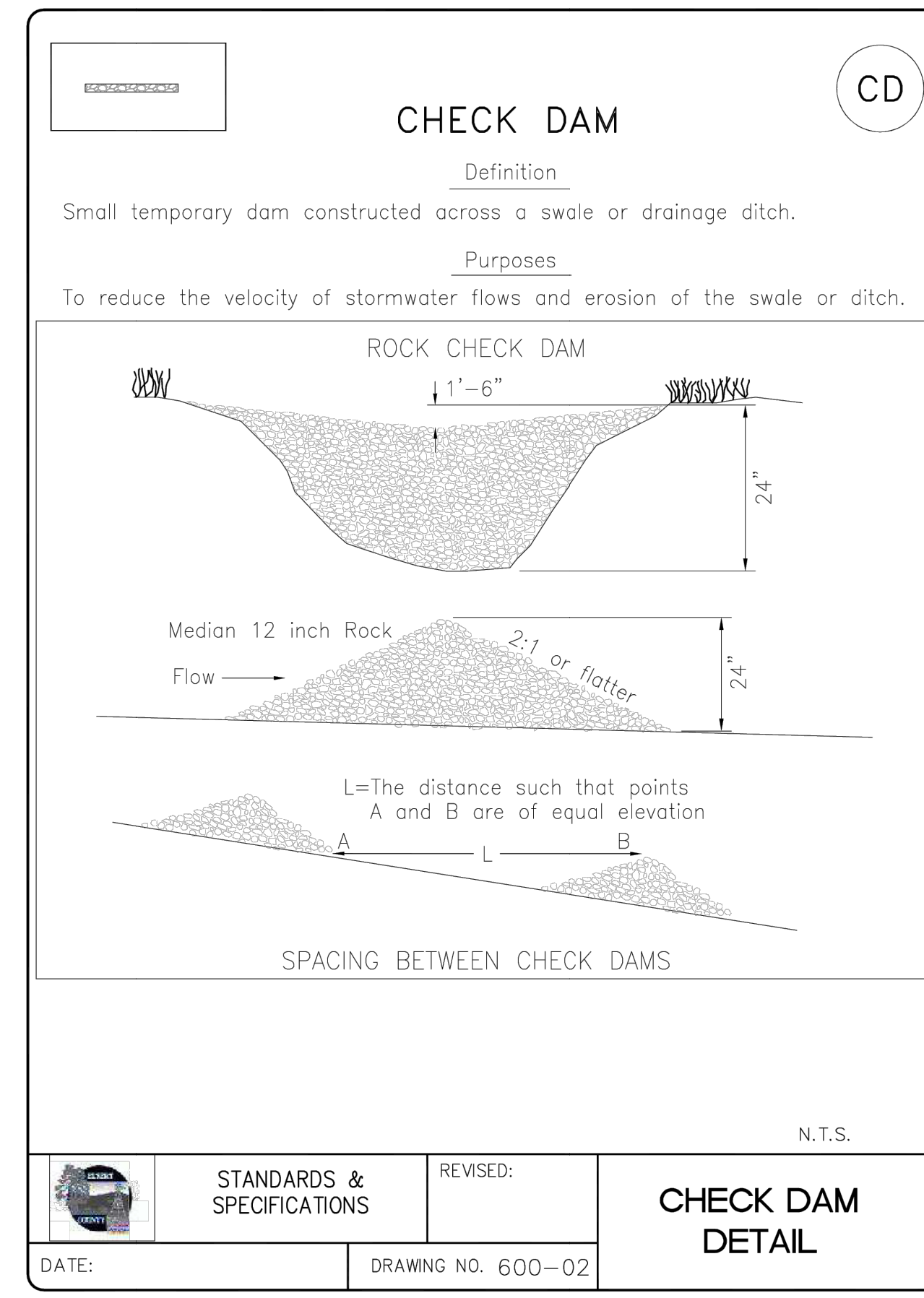
DRILL SEEDING MIX

- Seed shall be drilled only (no hydroseed).
- Seed type and amount of pure live seed (PLS) required per acre shall be:

NATIVE AREA SEED MIX			
SEED NAME	BOTANIC NAME	% IN MIX	POUNDS OF PLS PER ACRE
Slender Wheatgrass	Agropyron Trachycaulum	0%	3 lbs.
Mountain Brome	Bromus Marginatus	0%	3 lbs.
Indian Ricegrass	Oryzopsis Hymenoides	0%	2 lbs.
Thickspike Wheatgrass	Agropyron Dasystachyum	0%	2 lbs.
Western Wheatgrass	Agropyron Smithii	0%	2 lbs.
Arizona Fescue	Festuca Arizonica	0%	2 lbs.
Sandburg Bluegrass	Poa Sandbergii	0%	0.5 lbs.
Rocky Mountain Penstemon	Penstemon Strictus	0%	0.5 lbs.
Blue Flax	Linium Lewisii	0%	0.5 lbs.
Mountain Lupine	Lupinus Alpestris	0%	1 lbs.
Lance-leaved Coreopsis	Coreopsis Lanceolata	0%	0.5 lbs.
Rubber Rabbitbrush	Chrysothanus Nauseosus	0%	0.5 lbs.
Fringed Sagebrush	Artemisia Frigida	0%	0.3 lbs.
Prairie Sage	Artemisia Ludoviciana	0%	0.2 lbs.
TOTAL			22.5 lbs.

SWALES/DRAINAGE AREA SEED MIX			
SEED NAME	BOTANIC NAME	% IN MIX	POUNDS OF PLS PER ACRE
Streambank Wheatgrass	Agropyron Riparium	0%	4 lbs.
Thickspike Wheatgrass	Agropyron Dasystachyum	0%	7 lbs.
Mountain Brome	Bromus Marginatus	0%	3 lbs.
Western Wheatgrass	Agropyron Smithii	0%	3 lbs.
Tufted Hairgrass	Deschampsia Caespitosa	0%	2 lbs.
Nuttall Alkaligrass	Puccinellia Airoides	0%	0.5 lbs.
Western Yarrow	Achillea Lanulosa	0%	0.5 lbs.
New England Aster	Aster Novae-angliae	0%	0.5 lbs.
Rocky Mountain Iris	Iris Missouriensis	0%	0.5 lbs.
TOTAL			21.0 lbs.

STANDARDS & SPECIFICATIONS
REVISED: _____
SEED MIX
DATE: _____ DRAWING NO. 600-11



STANDARDS & SPECIFICATIONS
REVISED: _____
CHECK DAM DETAIL
DATE: _____ DRAWING NO. 600-02

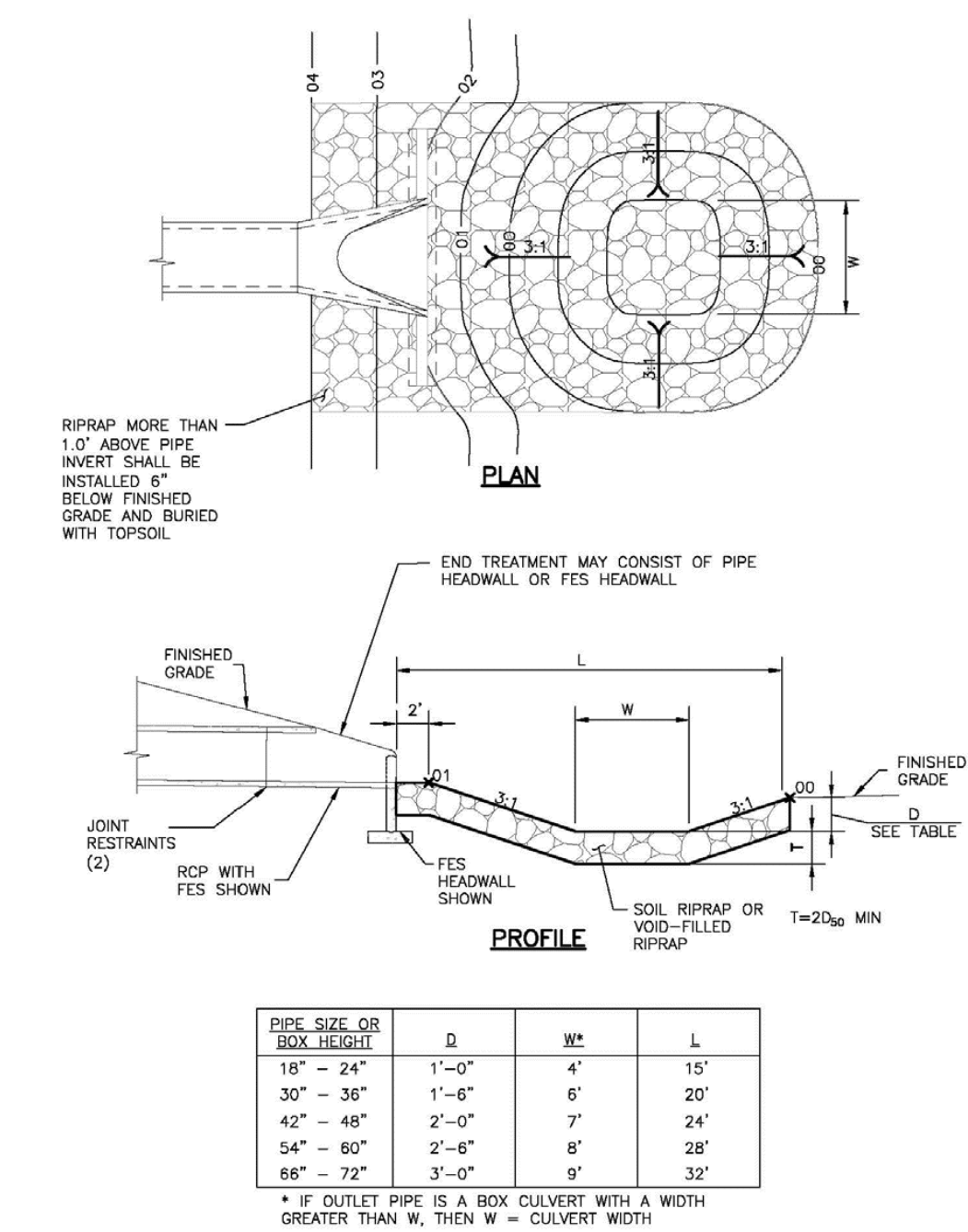
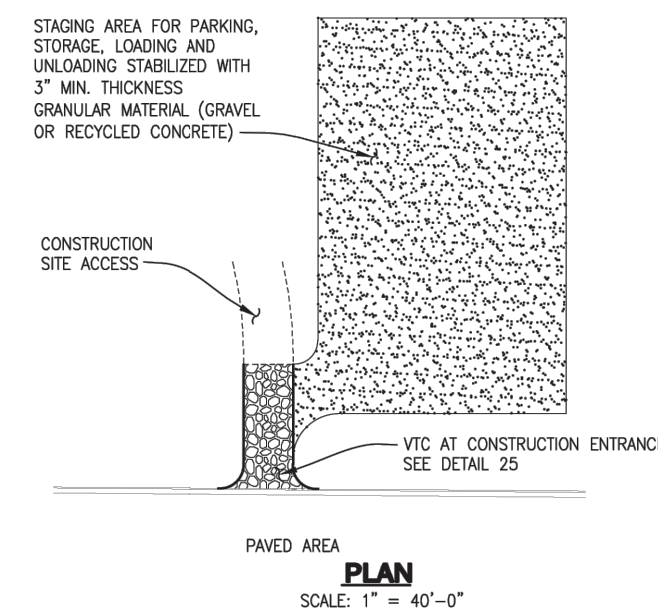


Figure 9-37. Low tallwater riprap basin

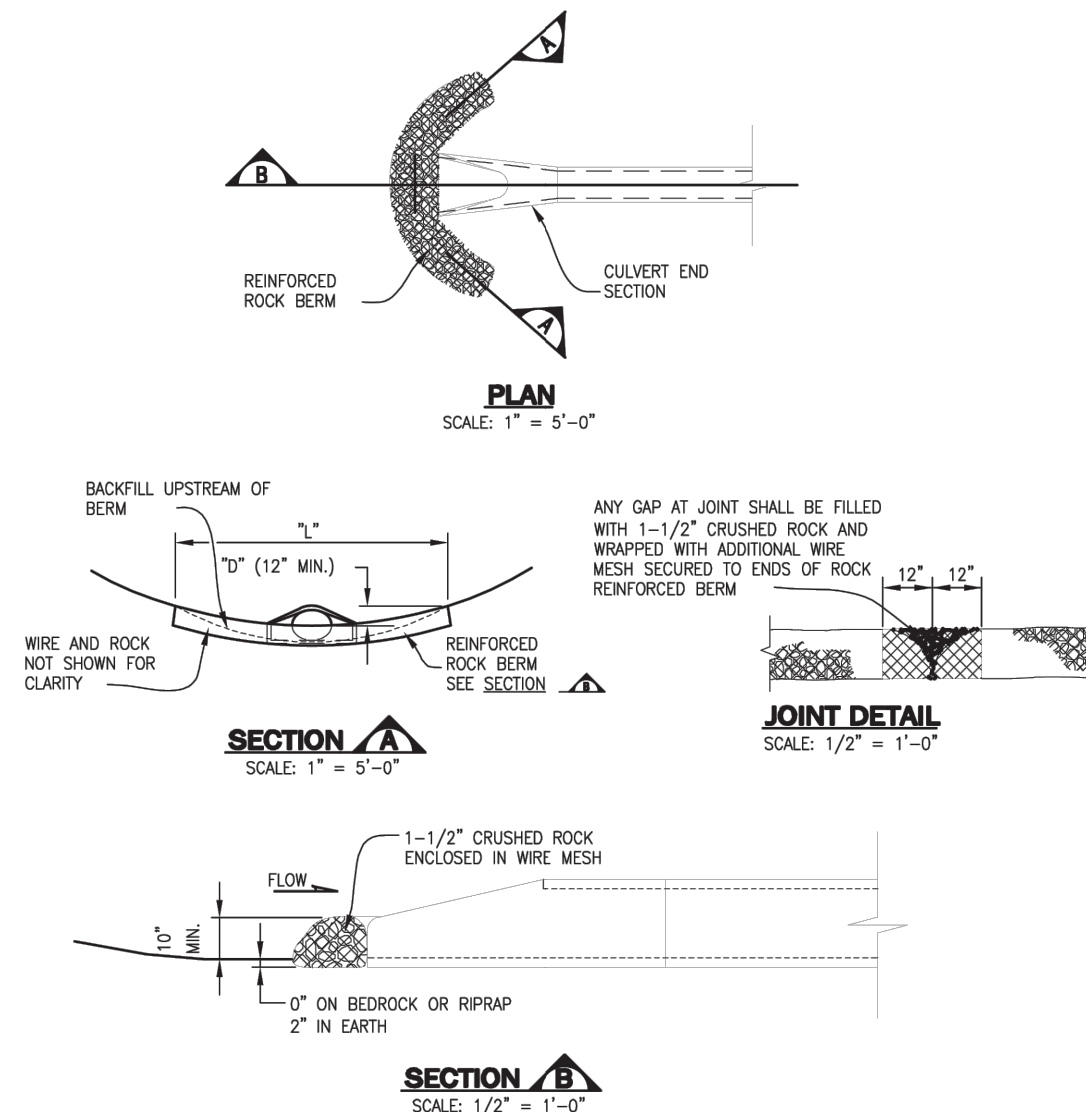


STABILIZED STAGING AREA INSTALLATION NOTES

- SEE PLAN VIEW FOR GENERAL LOCATION OF STAGING AREA. CONTRACTOR MAY MODIFY LOCATION AND SIZE OF STABILIZED STAGING AREA WITH COUNTY APPROVAL.
- STABILIZED STAGING AREA SHALL BE LARGE ENOUGH TO FULLY CONTAIN PARKING, STORAGE, AND UNLOADING AND LOADING OPERATIONS.
- IF REQUIRED BY THE COUNTY, SITE ACCESS ROADS SHALL BE STABILIZED IN THE SAME MANNER AS THE STAGING AREA.
- STAGING AREA SHALL BE STABILIZED PRIOR TO ANY OTHER OPERATIONS ON THE SITE.
- THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM OF 3" OF GRANULAR MATERIAL (GRAVEL OR RECYCLED CONCRETE).

STABILIZED STAGING AREA MAINTENANCE NOTES

- THE RECOMMENDED INSPECTION FREQUENCY FOR THE STABILIZED STAGING AREA IS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
- GRASS MANAGER SHALL PROVIDE ADDITIONAL THICKNESS OF GRANULAR MATERIAL IF ANY RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED.
- STABILIZED STAGING AREA SHALL BE ENLARGED IF NECESSARY TO CONTAIN PARKING, STORAGE, AND UNLOADING AND LOADING OPERATIONS.
- ANY ACCUMULATED DIRT OR MUD SHALL BE REMOVED FROM THE SURFACE OF THE STABILIZED STAGING AREA.
- THE STABILIZED STAGING AREA SHALL BE REMOVED AT THE END OF CONSTRUCTION. THE GRANULAR MATERIAL SHALL BE REMOVED OR, IF APPROVED BY THE COUNTY, USED ON SITE AND THE AREA TOPSOILED, DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED.

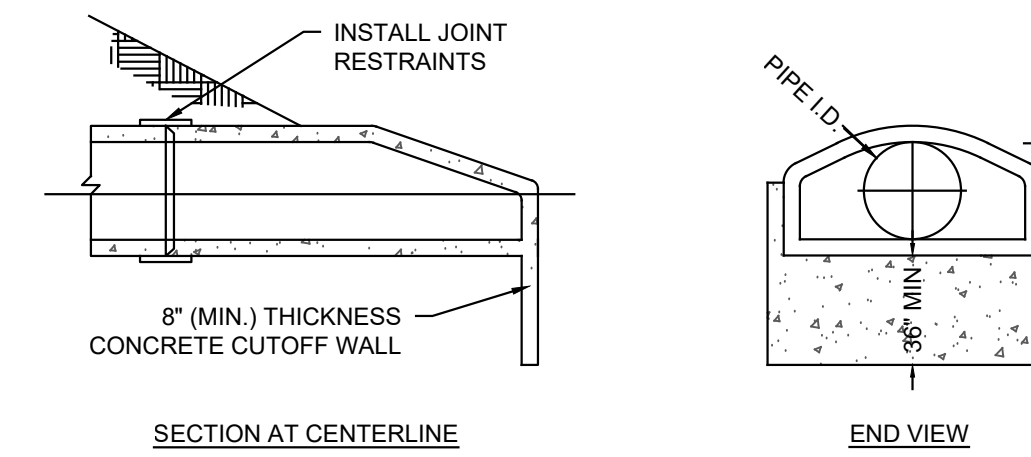


INSTALLATION NOTES

- SEE PLAN VIEW FOR:
- LOCATIONS OF CULVERT INLET FILTERS.
- LENGTH, L, AND DEPTH, D.
- CRUSHED ROCK SHALL BE FRACTURED FACE (ALL SIDES) AND SHALL COMPLY WITH GRADATION SHOWN ON ROCK AND RIPRAP GRADATIONS (1-1/2").
- WIRE MESH SHALL BE FABRICATED OF 20 GAUGE WIRE TWISTED INTO A MESH WITH A MAXIMUM OPENING OF 1.0 INCH (COMMONLY TERMED "CHICKEN WIRE"). ROLL WIDTH SHALL BE 48-INCHES.
- WIRE MESH SHALL BE SECURED USING "LOG RINGS" OR WIRE TIES AT 6-INCH CENTERS ALONG ALL JOINTS AND AT 2-INCH CENTERS ON ENDS OF BERM.
- THE ENDS OF THE REINFORCED ROCK BERM SHALL BE 12" HIGHER THAN THE CENTER OF THE BERM.

MAINTENANCE NOTES

- THE RECOMMENDED INSPECTION FREQUENCY FOR RRB FOR CULVERT PROTECTION IS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT AS NECESSARY.
- SEDIMENT ACCUMULATED UPSTREAM OF RRB FOR CULVERT PROTECTION SHALL BE REMOVED WHEN THE SEDIMENT DEPTH UPSTREAM OF FILTER IS 1/2 THE HEIGHT OF THE REINFORCED ROCK BERM.
- RRB FOR CULVERT PROTECTION ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVER IS APPROVED BY THE COUNTY.
- WHEN RRB FOR CULVERT PROTECTION ARE REMOVED, ANY DISTURBED AREA SHALL BE DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE COUNTY.

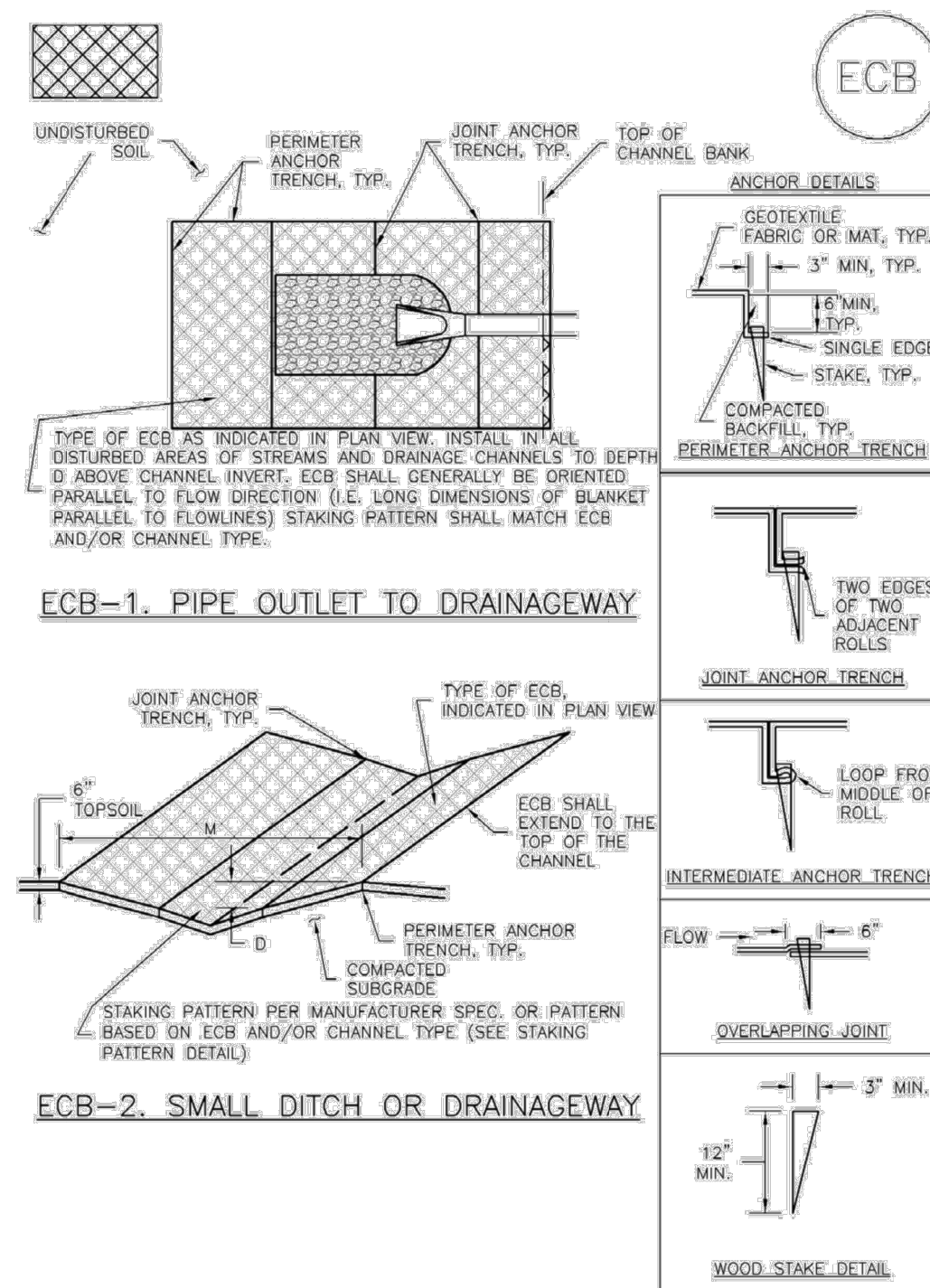


CONCRETE FLARED END SECTION WITH CUTOFF WALL N.T.S.

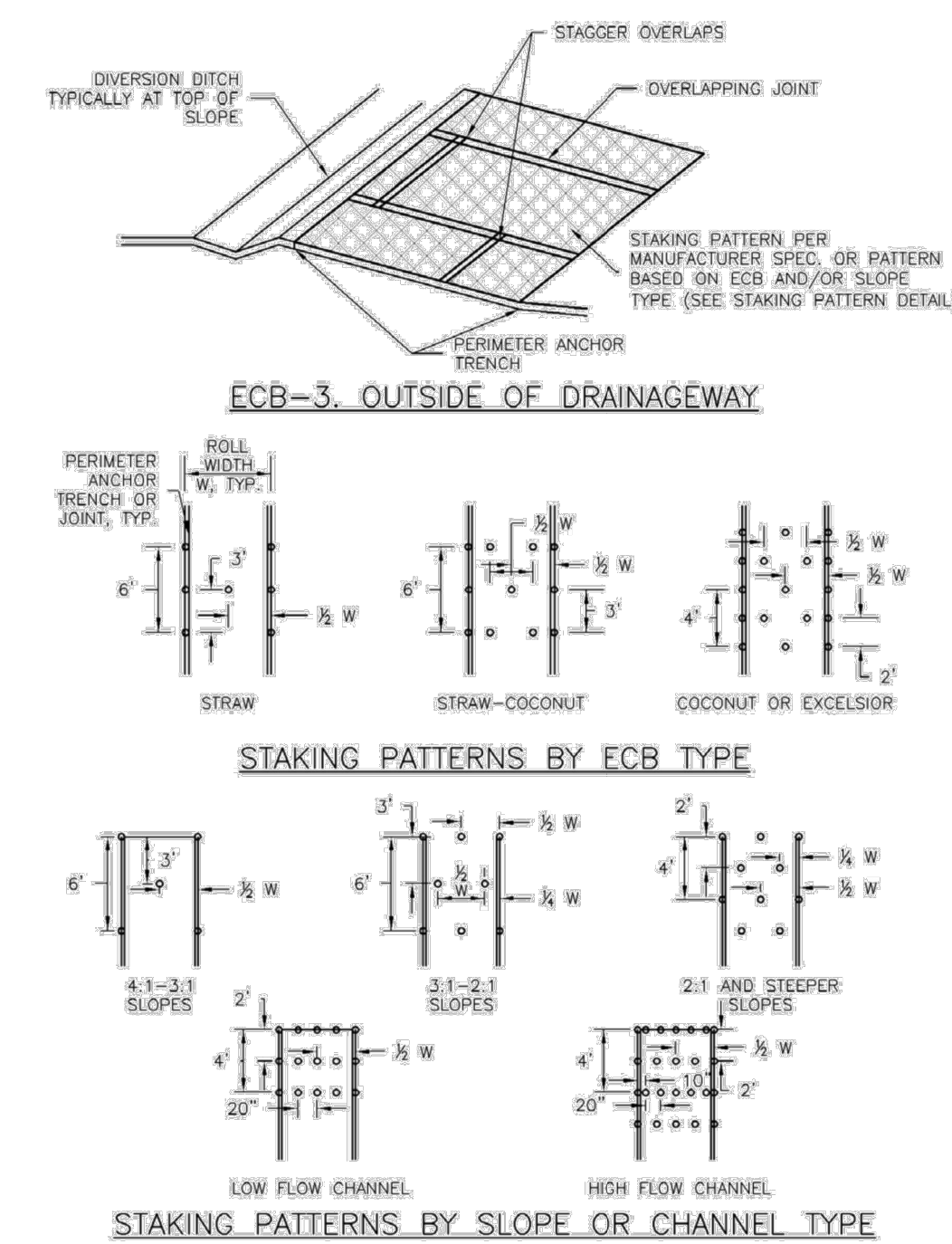
NOTES:

- ALL CONCRETE FLARED END SECTIONS FOR PIPES GREATER THAN 18" IN DIAMETER SHALL BE EQUIPPED WITH A METAL TRASH RACK TO BE APPROVED BY THE ENGINEER.
- CONCRETE PIPE JOINT FASTENERS SHALL BE INSTALLED SO THAT A MINIMUM OF 15 LINEAL FEET OF THE OUTLET END OF THE PIPE ARE MECHANICALLY LOCKED TOGETHER. FLARED END SECTIONS SHALL BE INCLUDED IN THIS 15 LF REQUIREMENT. SEE CDOT DETAIL M-303-10 ON THIS SHEET.

ECB-6 Rolled Erosion Control Products (RECP)



Roller Erosion Control Products (RECP) ECB-6



ECB-6 Rolled Erosion Control Products (RECP)

EROSION CONTROL BLANKET INSTALLATION NOTES

- SEE PLAN VIEW FOR:
- LOCATION OF ECB.
- TYPE OF ECB (STRAW, STRAW-COCONUT, COCONUT, OR EXCELSIOR).
- AREA, A, IN SQUARE YARDS OF EACH TYPE OF ECB.
- 100% NATURAL AND BIODEGRADABLE MATERIALS ARE PREFERRED FOR RECPs, ALTHOUGH SOME JURISDICTIONS MAY ALLOW OTHER MATERIALS IN SOME APPLICATIONS.
- IN AREAS WHERE ECBs ARE SHOWN ON THE PLANS, THE PERMITEE SHALL PLACE TOPSOIL AND PERFORM FINAL GRADING, SURFACE PREPARATION, AND SEEDING AND MULCHING. SUBGRADE SHALL BE SMOOTH AND MOST PRIOR TO ECB INSTALLATION AND THE ECB SHALL BE IN FULL CONTACT WITH SUBGRADE. NO GAPS OR VOIDS SHALL EXIST UNDER THE BLANKET.
- PERIMETER ANCHOR TRENCH SHALL BE USED ALONG THE OUTSIDE PERIMETER OF ALL BLANKET AREAS.
- JOINT ANCHOR TRENCH SHALL BE USED TO JOIN ROLLS OF ECBs TOGETHER (LONGITUDINALLY AND TRANSVERSELY) FOR ALL ECBs EXCEPT STRAW WHICH MAY USE AN OVERLAPPING JOINT.
- INTERMEDIATE ANCHOR TRENCH SHALL BE USED AT SPACING OF ONE-HALF ROLL LENGTH FOR COCONUT AND EXCELSIOR ECBs.
- OVERLAPPING JOINT DETAIL SHALL BE USED TO JOIN ROLLS OF ECBs TOGETHER FOR ECBs ON SLOPES.
- MATERIAL SPECIFICATIONS OF ECBs SHALL CONFORM TO TABLE ECB-1.
- ANY AREAS OF SEEDING AND MULCHING DISTURBED IN THE PROCESS OF INSTALLING ECBs SHALL BE RESEEDED AND MULCHED.
- DETAILS ON DESIGN PLANS FOR MAJOR DRAINAGEWAY STABILIZATION WILL GOVERN IF DIFFERENT FROM THOSE SHOWN HERE.

TYPE	COCONUT CONTENT	STRAW CONTENT	EXCELSIOR CONTENT	RECOMMENDED NETTING*
STRAW*	-	100%	-	DOUBLE/NATURAL
STRAW-COCONUT	30% MIN	70% MAX	-	DOUBLE/NATURAL
COCONUT	100%	-	-	DOUBLE/NATURAL
EXCELSIOR	-	-	100%	DOUBLE/NATURAL

*STRAW ECBs MAY ONLY BE USED TO STABILIZE SLOPES AND CHANNEL CHANNELS.
*ALTERNATE NETTING MAY BE ACCEPTABLE IN SOME JURISDICTIONS.

Roller Erosion Control Products (RECP) ECB-6

EROSION CONTROL BLANKET MAINTENANCE NOTES

- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 - FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 - WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 - ECBs SHALL BE LEFT IN PLACE TO EVENTUALLY BIODEGRADE, UNLESS REQUESTED TO BE REMOVED BY THE LOCAL JURISDICTION.
 - ANY ECB PULLED OUT, TORN, OR OTHERWISE DAMAGED SHALL BE REPAIRED OR REINSTALLED. ANY SUBGRADE AREAS BELOW THE GEOTEXTILE THAT HAVE DROGGED TO CREATE A VOID UNDER THE BLANKET, OR THAT REMAIN DEVOID OF GRASS SHALL BE REPAIRED, RESEEDED AND MULCHED AND THE ECB REINSTALLED.
- NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM 100% STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.
- (DETAILS ADAPTED FROM DOUGLAS COUNTY, COLORADO AND TOWN OF PARKER COLORADO, NOT AVAILABLE IN AUTOCAD)