## PROJECT SPECIFIC GRADING AND EROSION CONTROL NOTES

- Stormwater discharges from construction sites shall not cause or threaten to cause pollution, contamination, or degradation of State Waters. All work and earth disturbance shall be done in a manner that minimizes pollution of any on-site or off-site waters, including wetlands.
- Notwithstanding anything depicted in these plans in words or graphic representation, all design and construction related to roads, storm drainage and erosion control shall conform to the standards and requirements of the most recent version of the relevant adopted El Paso County standards, including the Land Development Code, the Engineering Criteria Manual, the Drainage Criteria Manual, and the Drainage Criteria Manual Volume 2. Any deviations from regulations and standards must be requested, and
- approved, in writing. A separate Stormwater Management Plan (SMWP) for this project shall be completed and an Erosion and Stormwater Quality Control Permit (ESQCP) issued prior to commencing construction. Management of the SWMP during construction is the responsibility of the designated Qualified Stormwater Manager or Certified Erosion Control Inspector. The SWMP shall be located on site at all times during construction and shall be kept up to date with work progress and changes in the field.
- Once the ESQCP is approved and a "Notice to Proceed" has been issued, the contractor may install the initial stage erosion and sediment control measures as indicated on the approved GEC. A Preconstruction Meeting between the contractor, engineer, and El Paso County will be held prior to any construction. It is the responsibility of the applicant to coordinate the meeting time and place with County staff.
- Control measures must be installed prior to commencement of activities that could contribute pollutants to stormwater. Control measures for all slopes, channels, ditches, and disturbed land areas shall be installed immediately upon completion of the disturbance.
- All temporary sediment and erosion control measures shall be maintained and remain in effective operating condition until permanent soil erosion control measures are implemented and final stabilization is established. All persons engaged in land disturbance activities shall assess the adequacy of control measures at the site and identify if changes to those control measures are needed to ensure the continued
- effective performance of the control measures. All changes to temporary sediment and erosion control measures must be incorporated into the Stormwater Management Plan. Temporary stabilization shall be implemented on disturbed areas and stockpiles where ground disturbing construction activity has permanently ceased or temporarily ceased for longer than 14 days.

**EROSION CONTROL INSPECTION** AND MAINTENANCE

A Thorough Inspection of the Erosion Control

Plan/Stormwater Management System shall be

performed every 14 days as well as after any rain or

snowmelt event that causes Surface Erosion:

\* When Silt Fences have silted up to half their

height, the silt shall be removed, final grade

re-established and slopes re-seeded, if necessary. Any silt fence that has shifted or decayed shall be repaired or replaced. \* Any Accumulated Trash or debris shall be removed from outlets. An inspection and maintenance log shall be kept.

SCALE: 1" = 100'

INITIAL GRADING LEGEND

SF Silt Fence Or Approved Alt.

TSW Place Riprap where

Inlet Protection

Ex. Flow Direction Arrow And

Stockpile With Double Silt Fence Perimeter

Vehicle Tracking Control

Temporary Swale

shown on plan

Rough-cut Street Control Initial Condition Only

Concrete Washout Area

Rock Sock(s) (count)

Portable Toilet

Initial

IP-2

Stabilized Staging Area

Stock Pile Management

Temporary Sediment Basin w/ Desig. See Dtl. Sht 'EGP-3

Inlet Protection 2 (StrawBale)

Riprap Stabilization

Limits Of Construction

Emergency Overflow Path

— Existing Sanitary Sewer

— Channel Flowline

Limits Of Soil Disturbance/

\_5925 -\_\_\_ Existing Contour

Existing Storm

Existing Water

— GAS —— GAS — Existing Gas

Temporary Culvert Crossing Location

stabilization is achieved when all ground disturbing activities are complete and all disturbed areas either have a uniform vegetative cover with individual plant density of 70 percent of pre-disturbance levels established or equivalent permanent alternative stabilization method is implemented. All temporary sediment and erosion control

8. Final stabilization must be implemented at all applicable construction sites. Final

- measures shall be removed upon final stabilization and before permit closure. 9. All permanent stormwater management facilities shall be installed as designed in the approved plans. Any proposed changes that affect the design or function of permanent stormwater management structures must be approved by the ECM Administrator prior to
- 10. Earth disturbances shall be conducted in such a manner so as to effectively minimize accelerated soil erosion and resulting sedimentation. All disturbances shall be designed, constructed, and completed so that the exposed area of any disturbed land shall be limited to the shortest practical period of time. Pre-existing vegetation shall be protected and maintained within 50 horizontal feet of a waters of the state unless shown to be infeasible and specifically requested and approved.
- 11. Compaction of soil must be prevented in areas designated for infiltration control measures or where final stabilization will be achieved by vegetative cover. Areas designated for infiltration control measures shall also be protected from sedimentation during construction until final stabilization is achieved. If compaction prevention is not feasible due to site constraints, all areas designated for infiltration and vegetation control
- measures must be loosened prior to installation of the control measure(s). 12. Any temporary or permanent facility designed and constructed for the conveyance of stormwater around, through, or from the earth disturbance area shall be a stabilized conveyance designed to minimize erosion and the discharge of sediment off site.
- 13. Concrete wash water shall be contained and disposed of in accordance with the SWMP. No wash water shall be discharged to or allowed to enter State Waters, including any surface or subsurface storm drainage system or facilities. Concrete washouts shall not be located in an area where shallow groundwater may be present, or within 50 feet of a surface water body, creek or stream.
- 14. During dewatering operations of uncontaminated ground water may be discharged on site, but shall not leave the site in the form of surface runoff unless an approved State
- dewatering permit is in place. 15. Erosion control blanketing or other protective covering shall be used on slopes steeper
- than 3:1. 16. Contractor shall be responsible for the removal of all wastes from the construction site for

- disposal in accordance with local and State regulatory requirements. No construction debris, tree slash, building material wastes or unused building materials shall be buried, dumped, or discharged at the site.
- 17. Waste materials shall not be temporarily placed or stored in the street, alley, or other public way, unless in accordance with an approved Traffic Control Plan. Control measures may be required by El Paso County Engineering if deemed necessary, based
- on specific conditions and circumstances 18. Tracking of soils and construction debris off-site shall be minimized. Materials tracked off-site shall be cleaned up and properly disposed of immediately
- 19. The owner/developer shall be responsible for the removal of all construction debris, dirt, trash, rock, sediment, soil, and sand that may accumulate in roads, storm drains and other drainage conveyance systems and stormwater appurtenances as a result of site development. 20. The quantity of materials stored on the project site shall be limited, as much as practical,
- to that quantity required to perform the work in an orderly sequence. All materials stored on-site shall be stored in a neat, orderly manner, in their original containers, with original manufacturer's labels. 21. No chemical(s) having the potential to be released in stormwater are to be stored or used
- Administrator. In granting approval for the use of such chemical(s), special conditions and monitoring may be required 22. Bulk storage of allowed petroleum products or other allowed liquid chemicals in excess of 55 gallons shall require adequate secondary containment protection to contain all spills

onsite unless permission for the use of such chemical(s) is granted in writing by the ECM

- onsite and to prevent any spilled materials from entering State Waters, any surface or subsurface storm drainage system or other facilities. 23. No person shall cause the impediment of stormwater flow in the curb and gutter or ditch
- except with approved sediment control measures. 24. Owner/developer and their agents shall comply with the "Colorado Water Quality Control Act" (Title 25, Article 8, CRS), and the "Clean Water Act" (33 USC 1344), in addition to the requirements of the Land Development Code, DCM Volume II and the ECM Appendix I. All appropriate permits must be obtained by the contractor prior to construction (1041, NPDES, Floodplain, 404, fugitive dust, etc.). In the event of conflicts between these requirements and other laws, rules, or regulations of other Federal, State, local, or
- County agencies, the most restrictive laws, rules, or regulations shall apply. 25. All construction traffic must enter/exit the site only at approved construction access

55154-03-030

Tanner Dowdell

9384 Bur Oak Ln

LOT 5 LOT 6

Dee Lynch

9370 Bur Oak Ln

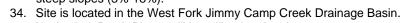
9356 Bur Oak Ln

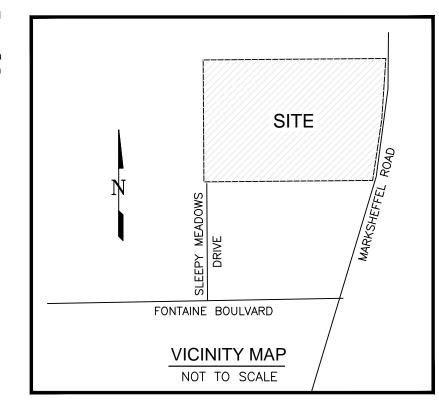
Matthew J. McCarriston & Troy I. &

Elizabeth L. Tacka | Rosalyn L. Otsuka

9398 Bur Oak Ln 9426 Bur Oak Ln

- 26. Prior to construction the permittee shall verify the location of existing utilities. 27. A water source shall be available on site during earthwork operations and shall be utilized
- as required to minimize dust from earthwork equipment and wind. 28. The soils report for this site has been prepared by Vivid Engineering Group (Dated: April 24, 2020) and shall be considered a part of these plans.
- 29. At least ten (10) days prior to the anticipated start of construction, for projects that will disturb one (1) acre or more, the owner or operator of construction activity shall submit a permit application for stormwater discharge to the Colorado Department of Public Health and Environment, Water Quality Division. The application contains certification of completion of a stormwater management plan (SWMP), of which this Grading and Erosion Control Plan may be a part. For information or application materials contact: Colorado Department of Public Health and Environment Water Quality Control Division WQCD - Permits 4300 Cherry Creek Drive South
- Denver, CO 80246-1530 Attn: Permits Unit 30. Base mapping was provided by Pinnacle Land Surveying. The date of the last
- survey update was March 2005. 31. Proposed Construction Schedule:
- Begin Construction: Spring 2022 End Construction: Autumn 2022
- Total Site Area = 60.1 Acres 32. Area to be disturbed = 57.7 Acres. Existing 100-year runoff coefficient = 0.35 Proposed 100-year runoff coefficient = 0.61
- Existing Hydrologic Soil Groups: B, C & D (B--Nelson-Tassel fine sandy loams; B--Stoneham sandy loam; C--Razor-Midway Complex)
- 33. Site is currently undeveloped and covered with native grasses on moderate to steep slopes (3%-18%).
- 35. No Asphalt Batch Plants will be utilized at the site.





Heather K. Sykes

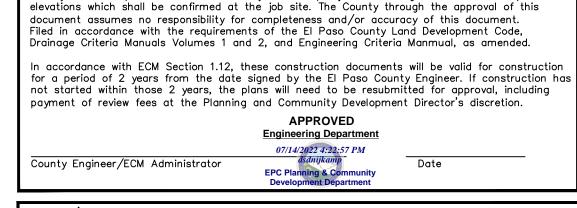
9552 Bur Oak Ln /

& Stacie I. Tutton Heather K. Sykes Trustee

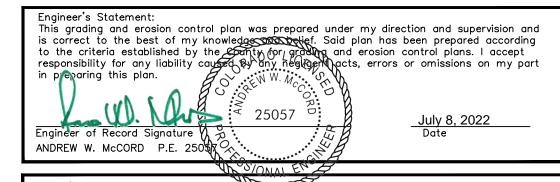
9538 Bur Oak Ln

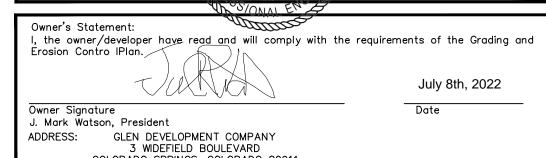
LOT 16 55154-03-019/

9566 Bur Oak Lny



County plan review is provided only for general conformance with County Design Criteria. The County is not responsible for the accuracy and adequacy of the design, dimensions, and/or









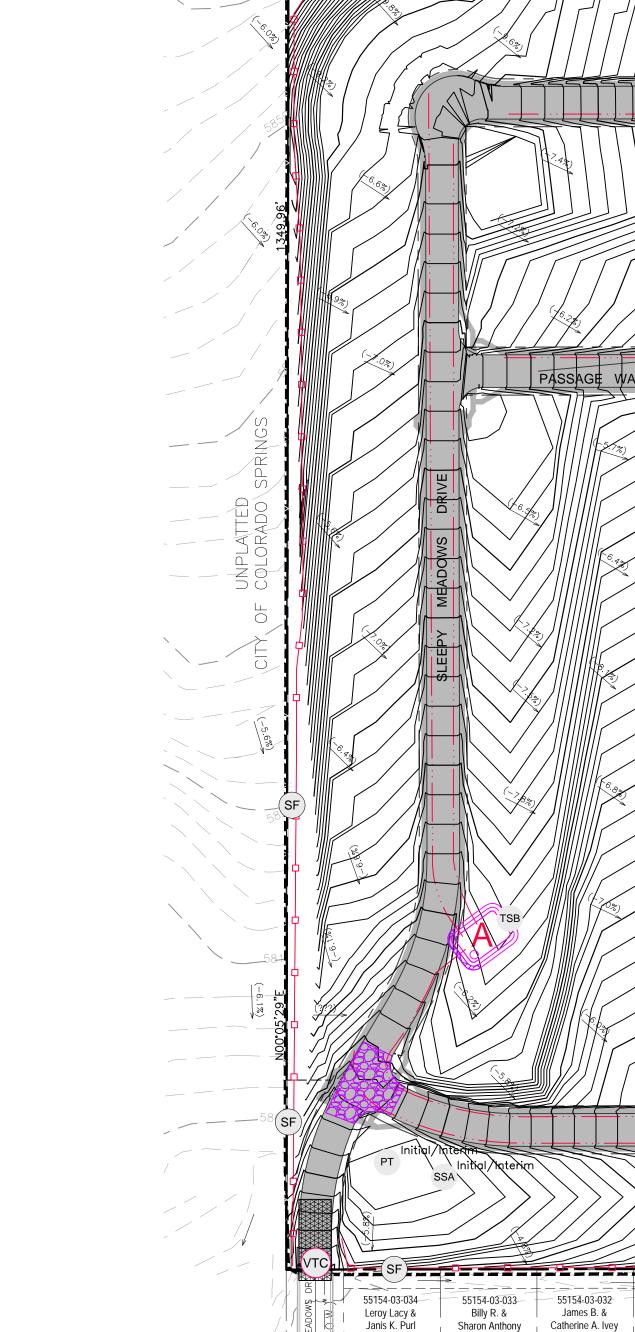
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Project No.: 04092/2103 Date: Feb 10, 2022 Design: MJK Drawn: MJK

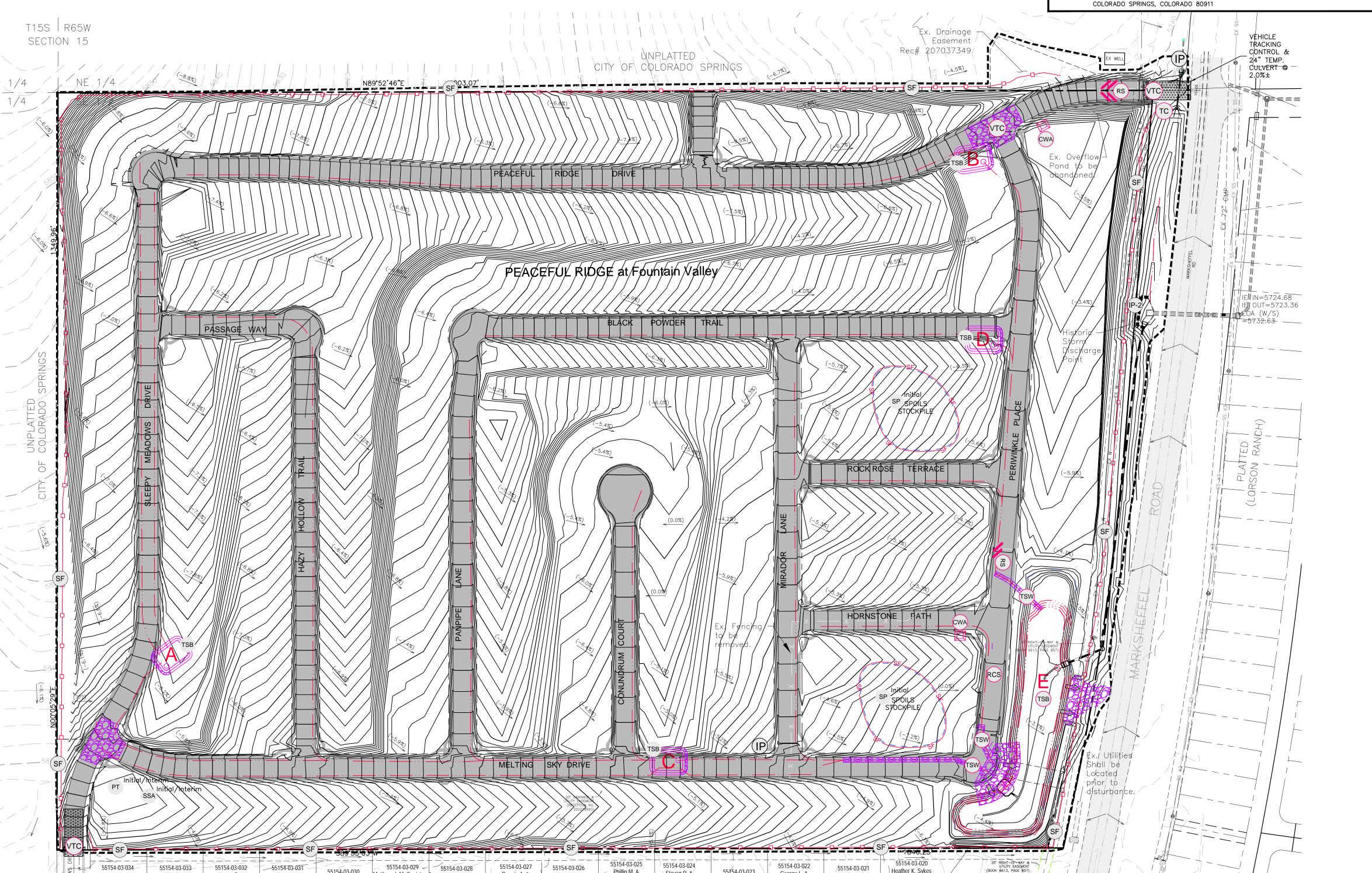
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Check: AWMc Revisions: No. "EGP-213"



9314 Bur Oak Ln

9328 Bur Oak Ln



Phillip M. &

Mercy Ann Pump

Joint Living Trust

9482 Bur Oak Ln

9496 Bur Oak Ln

John T. Bennett

9510 Bur Oak Ln

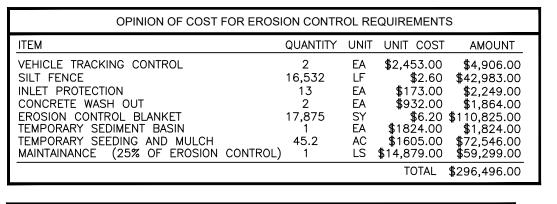
9524 Bur Oak Ln

Ronnie A. & Vincent A. &

9440 Bur Oak Ln | 9454 Bur Oak Ln

Katelyn E. Trevino

Doretha A. Huffman



SEED MIX	
TREATMENT SHALL BE PERMANENTLY R  SPECIES VAI  SIDEOATS GRAMA EL  WESTERN WHEAT GRASS Ba  SLENDER WHEAT GRASS Na  LITTLE BLUESTEM Pa  SAND DROPSEED Na  SWITCH GRASS Ne	ACTIVITIES AND NOT RECEIVING OTHER REVEGETATED WITH THE FOLLOWING SEED MIXARIETY pls/acre  Reno 3.0 arton 2.5 attive 2.0 attive 0.5 attive 0.5 attive 3.0 arton 1.0  14.0 lbs
INACCESSIBLE TO A DRILL, HAND BROA	/4" TO 1/2" INTO TOPSOIL. IN AREAS ADCAST AT DOUBLE THE RATE AND RAKE

## A Thorough Inspection of the Erosion Control Plan/Stormwater Management System shall be performed every 14 days as well as after any rain or snowmelt event that causes Surface Erosion: \* When Silt Fences have silted up to half their height, the silt shall be removed, final grade re-established and slopes re-seeded, if necessary

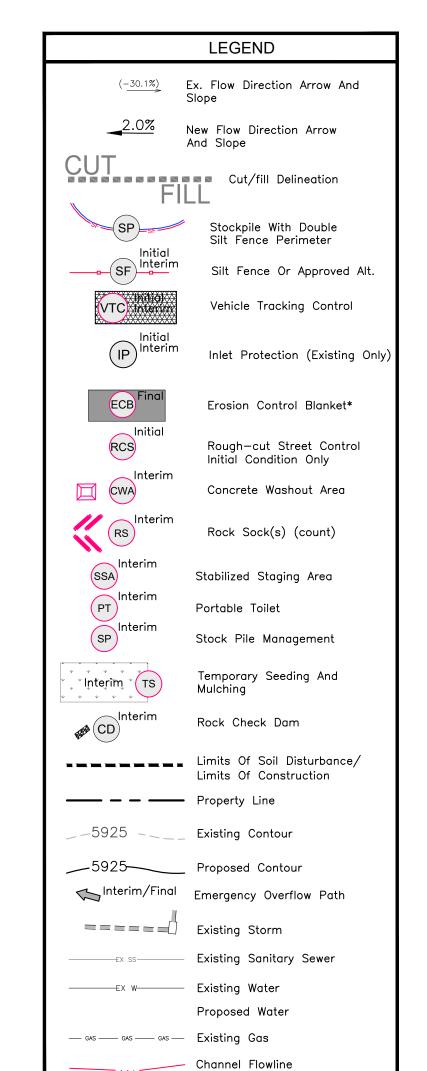
1/4" TO 1/2" INTO THE TOPSOIL. <u>MULCHING APPLICATION</u>: 1-1/2 TONS NATIVE HAY PER ACRE, MECHANICALLY CRIMPED INTO THE TOPSOIL.

performed every 14 days as well as after any rain or snowmelt event that causes Surface Erosion:

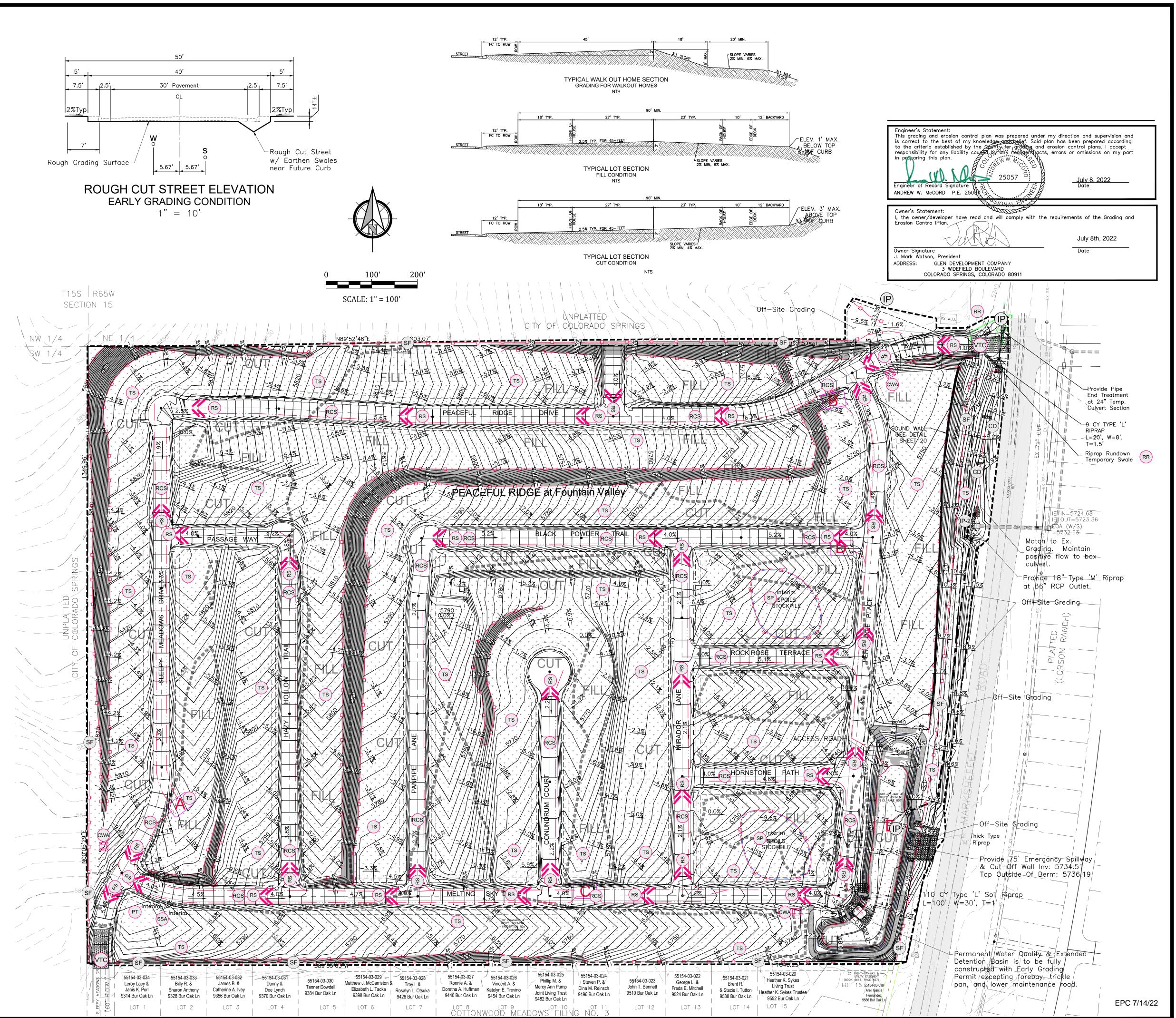
\* When Silt Fences have silted up to half their height, the silt shall be removed, final grade re—established and slopes re—seeded, if necessary. Any silt fence that has shifted or decayed shall be repaired or replaced.

\* Any Accumulated Trash or debris shall be removed from outlets.

An inspection and maintenance log shall be kept.



\*Shaded area denotes permanent erosion blanket Curlex heavy duty erosion control blanket by american excelsior or equal shall be used.



ENGINEERI Engineeri

SION

Project No.: 04092/2103

Date: Feb 10, 2022

Design: MJK
Drawn: MJK

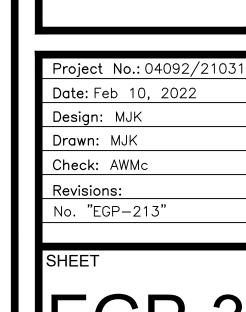
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No. "EGP-213"

Revisions:

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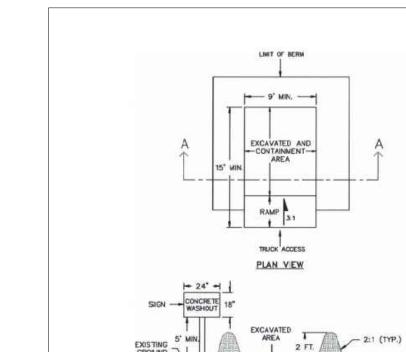
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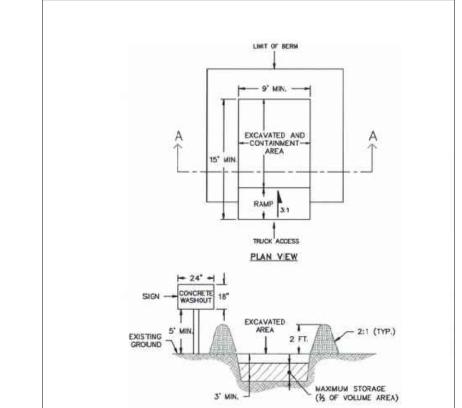
SECTION A-A - 4" MINIMUM THICK NATIVE SAND OVER MIRAFI 140N FILTER FABRIC

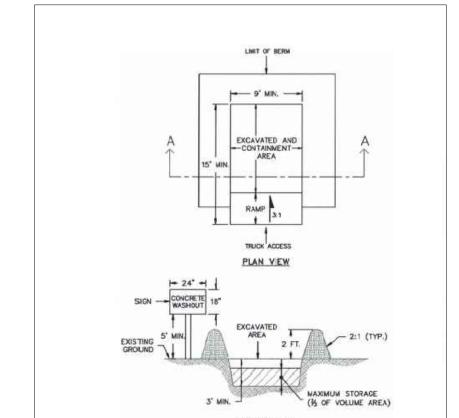
- 9' MIN. --PLAN VIEW NOTES:

1. SON MATERIAL, EXCAVATION, AND RESTORATION ARE INCLUDED IN THE COST OF THE CONCRETE WISHOUT STRUCTURE.

2. EROSION BALES MAY BE USED AS AN ALTERNATIVE FOR THE BERM.







B. Use 8" PVC Perforated Riser Pipe: Perforations Vertically Spacedf 4" Apart, 1 Column of 5 9/16" ø C. 9' Long Spillway: 1' Depth, Lined With 12" Thick Type 'L' Riprap to toe of slope. D. Basin Bottom Width = 43' E. Depth = 2.5

4:1 Max TEMPORARY SEDIMENT BASIN "C" A. 0.78 ac-ft Required to Spillway Crest B. Use 8" PVC Perforated Riser Pipe: Perforations Vertically Spacedf 4"

1' Depth, Lined With

12" Thick Type 'L' Riprap 12" Thick Type 'L' Riprap to toe of slope. D. Basin Bottom Width = 75' E. Depth = 3.0

to toe of slope. D. Basin Bottom Width = 47.25'

-Width of Spillway Crest (C)

—Install Basin Embankment at 12" Minium above Crest

Apart, 1 Column of 5 3/4" ø

C. 22' Long Spillway:

E. Depth = 2.0TEMPORARY SEDIMENT BASIN (TSB)

BASIN GEOMETRY: LENGTH (L) WIDTH (W) ≥2

8" (OR LARGER) PVC 90° ELBOW

**INSTALLATION REQUIREMENTS** 

1. SEDIMENT BASINS SHALL BE INSTALLED BEFORE ANY CLEARING AND/OR GRADING IS UNDERTAKEN.

2. THE AREA UNDER WHICH THE EMBANKMENT IS TO BE INSTALLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF ALL VEGETATION AND ROOT MAT.

3. THE OUTLET OF THE BASIN SHALL BE DESIGNED TO DRAIN ITS VOLUME IN 40 HOURS.

7. WHEN A BASIN IS INSTALLED NEAR A RESIDENTIAL AREA, FOR SAFETY REASONS, A SIGN SHALL BE POSTED AND THE AREA SECURED WITH A FENCE.

City of Colorado Springs

Stormwater Quality

┌─ Storage (A)

90° Elbow

TEMPORARY SEDIMENT BASIN "A"

A. 0.32 ac-ft Required to Spillway Crest

Perforations Vertically Spacedf 4"

Apart, 1 Column of 5 5/16" ø

B. Use 8" PVC Perforated Riser Pipe:

C. 12' Long Spillway:

E. Depth = 2.0'

to toe of slope.

1' Depth, Lined With

D. Basin Bottom Width = 51'

12" Thick Type 'L' Riprap

⊢Riser (B)

┌─Bottom Width (D)

4. THE OUTLET IS TO BE LOCATED AT THE FURTHEST DISTANCE FROM THE INLET OF THE BASIN. BAFFLES MAY BE NEEDED TO INCREASE THE FLOW LENGTH AND SETTLING TIME.

- 8" (OR LARGER) PVC OUTLET PIPE 0.5% MIN SLOPE

**MAINTENANCE REQUIREMENTS** 

2. SEDIMENT BASINS SHALL BE CLEANED OUT BEFORE SEDIMENT HAS FILLED HALF THE VOLUME OF THE BASIN.

Figure SB-1

Sediment Basin

Construction Detail and Maintenance Regulrements

8" PVC Outlet Pipe 0.5% Min

TEMPORARY SEDIMENT BASIN "B'

A. 0.28 ac-ft Required to Spillway Crest

Perforations Vertically Spacedf 4"

Apart, 1 Column of 5 5/16" ø

B. Use 8" PVC Perforated Riser Pipe:

C. 11' Long Spillway:

24" THICK TYPE M RIPRAP,

PLACED TO A HEIGHT 1' ABOVE INVERT

1' Depth, Lined With

SEDIMENT BASIN

SEDMENT BASIN NOTES

3-32

NATIVE GRASSES

SINGLE NETTED EROSION CONTROL FABRIC

**GRASSLINED SWALE** SCALE: NTS

-SLOPE VARIES

RIPRAP RUNDOWN DETAIL





TEMPORARY SLOPE DRAIN

Construction Detail and Maintenance

2. SWALES WITH EASILY EROSIVE SOILS AND SLOPES LESS THAN 2%, SHALL BE LINED WITH EROSION CONTROL FABRIC. 3. VELOCITIES FOR EROSION CONTROL FABRICS SHALL NOT EXCEED 8 FPS, SWALES WITH VELOCITIES GREATER THAN 8 FPS SHALL BE LINED WITH RIP RAP. City of Colorado Springs Stormwater Quality

Figure TSW-3 Swale Linings

12" THICK RIPRAP TYPE "VL" **SWALE LINING SWALE LINING NOTES** INSTALLATION REQUIREMENTS MAINTENANCE REQUIREMENTS CONTRACTOR SHALL INSPECT SWALE LININGS
 AFTER EACH RAINFALL, AT LEAST DAILY DURING
 PROLONGED RAINFALL AND WEEKLY DURING PERIODS
 OF NO RAINFALL 2. DAMAGED LININGS SHALL IMMEDIATELY BE REPAIRED 3. REFER TO THE EROSION CONTROL BLANKETS FACTSHEET FOR PROPER MAINTENANCE. 5. SWALE LININGS ARE TO REMAIN IN PLACE AND BE PROPERLY MAINTAINED UNTIL THE TEMPORARY SWALE IS REMOVED.

EROSION CONTROL FABRIC A. EROSION CONTROL FABRIC
2%<SLOPE<5% AND VELOCITY < B FPS

TEMPORARY SEDIMENT BASIN "D A. 0.53 ac-ft Required to Spillway Crest

∕ Riprap Apron

Figure SB-2 Outlet Sizing

TABLE SB-2 City of Colorado Springs Stormwater Quality

TABLE SB-1

Required Area per Row (in<sup>2</sup>)

**Stabilized Staging Area (SSA)** 

STABILIZED

ENTRANCE (SEE -DETAILS VTC-1 TO VTC-3)

CONSTRUCTION

\_ 3" MIN. THICKNESS GRANULAR MATERIAL

SILT FENCE OR CONSTRUCTION FENCING AS NEEDED

— SF/CF — SF/CF —

\_\_\_\_ SF/CF \_\_\_\_ SF/CF \_\_

SSA-1. STABILIZED STAGING AREA

-CONTRACTOR MAY ADJUST LOCATION AND SIZE OF STAGING AREA WITH APPROVAL FROM THE LOCAL JURISDICTION.

2. STABILIZED STAGING AREA SHOULD BE APPROPRIATE FOR THE NEEDS OF THE SITE. OVERSIZING RESULTS IN A LARGER AREA TO STABILIZE FOLLOWING CONSTRUCTION.

3. STAGING AREA SHALL BE STABILIZED PRIOR TO OTHER OPERATIONS ON THE SITE.

4. THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM 3" THICK GRANULAR

5. UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.

6. ADDITIONAL PERIMETER BMPs MAY BE REQUIRED INCLUDING BUT NOT LIMITED TO SILT

1. 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

2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE

3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.

4. ROCK SHALL BE REAPPLIED OR REGRADED AS NECESSARY IF RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED.

Urban Drainage and Flood Control District

Urban Storm Drainage Criteria Manual Volume 3

STABILIZED STAGING AREA

EXISTING ROADWAY

STABILIZED STAGING AREA INSTALLATION NOTES

-LOCATION OF STAGING AREA(S).

FENCE AND CONSTRUCTION FENCING.

DOCUMENTED THOROUGHLY.

November 2010

STABILIZED STAGING AREA MAINTENANCE NOTES

EROSION, AND PERFORM NECESSARY MAINTENANCE.

1. SEE PLAN VIEW FOR

ONSITE CONSTRUCTION

VEHICLE PARKING (1F NEEDED) **SM-6** 

SSA-3

SSA-4

**SM-6** 

November 2010

SECTION A

MAINTENANCE REQUIREMENTS

1. INLET AND OUTLET POINTS ARE TO BE CHECKED REGULARLY, AND AFTER HEAVY STORMS FOR CLOGGING AND OVERCHARGING. ANY BREAKS IN THE PIPE ARE TO BE PROMPTLY REPAIRED, AND CLOGS REMOVED AS NEEDED.

3. THE OUTLET POINT IS TO BE FREE OF EROSION, AND, IF NECESSARY, ADDITIONAL OUTLET PROTECTION SHOULD BE INSTALLED.

4. CONSTRUCTION TRAFFIC IS NOT TO CROSS THE SLOPE DRAIN AND MATERIALS ARE NOT TO BE PLACED ON IT.

5. THE SLOPE DRAIN IS TO REMAIN IN PLACE UNTIL THE SLOPE HAS BEEN COMPLETELY STABILIZED OR UP TO 30 DAYS AFTER PERMANENT SLOPE STABILIZATION.

Figure SD-1 Slope Drain

Construction Detail and Maintenance Requirements

5. STABILIZED STAGING AREA SHALL BE ENLARGED IF NECESSARY TO CONTAIN PARKING, STORAGE, AND UNLOADING/LOADING OPERATIONS. 6. THE STABILIZED STAGING AREA SHALL BE REMOVED AT THE END OF CONSTRUCTION. THE GRANULAR MATERIAL SHALL BE REMOVED OR, IF APPROVED BY THE LOCAL JURISDICTION, USED ON SITE, AND THE AREA COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY LOCAL JURISDICTION NOTE: MANY MUNICIPALITIES PROHIBIT THE USE OF RECYCLED CONCRETE AS GRANULAR MATERIAL FOR STABILIZED STAGING AREAS DUE TO DIFFICULTIES WITH RE-ESTABLISHMENT OF VEGETATION IN AREAS WHERE RECYCLED CONCRETE WAS PLACED.

Urban Drainage and Flood Control District

Urban Storm Drainage Criteria Manual Volume 3

SLOPE DRAIN

SLOPE DRAIN NOTES

**INSTALLATION REQUIREMENTS** 

3. EMBANKMENT MATERIAL SHALL CONSIST OF SOIL WITH A MINIMUM OF 15% PASSING A #200 SIEVE. EXCAVATED SOIL CAN BE USED IF IT MEETS THIS REQUIREMENT.

5. SLOPE DRAIN SECTIONS ARE TO BE SECURELY FASTENED TOGETHER AND HAVE WATERTIGHT FITTINGS.

6. THE OUTLET IS TO BE STABILIZED AND, UNLESS THE DRAIN DISCHARGES DIRECTLY TO A SEDIMENT BASIN, A TEMPORARY SURFACE IS TO BE PROVIDED TO CONVEY FLOWS DOWN STREAM.

7. IMMEDIATELY STABILIZE ALL AREAS DISTURBED BY INSTALLATION OR REMOVAL OF THE PIPE SLOPI

City of Colorado Springs

Stormwater Quality

4. EMBANKMENT IS TO BE COMPACTED TO AT LEAST 90% OF MAXIMUM DENSITY AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D 698.

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED. (DETAILS ADAPTED FROM DOUGLAS COUNTY, COLORADO, NOT AVAILABLE IN AUTOCAD)

STABILIZED STAGING AREA MAINTENANCE NOTES

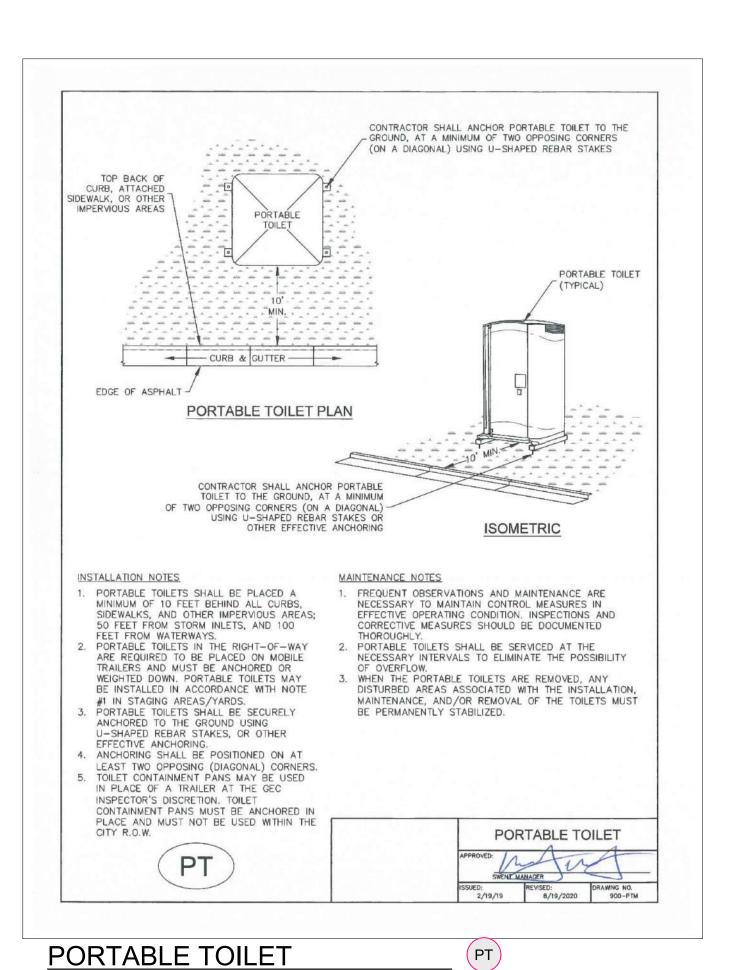


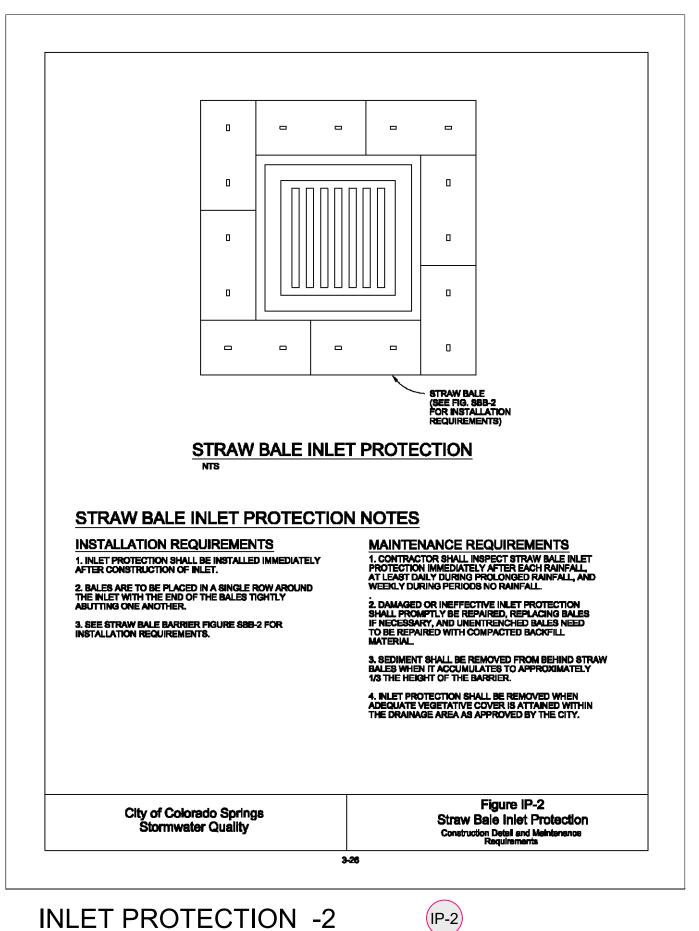


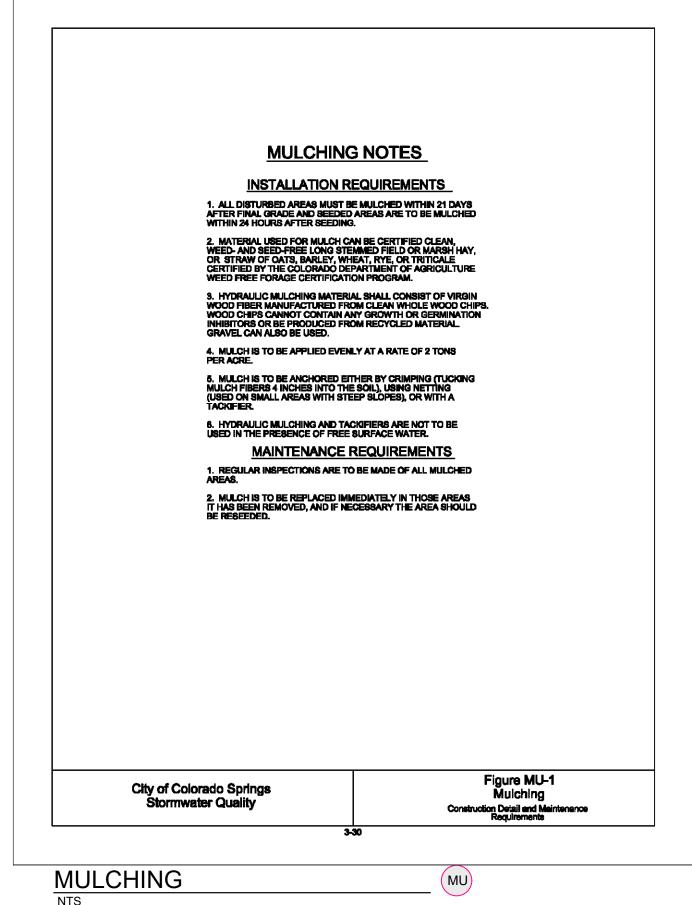
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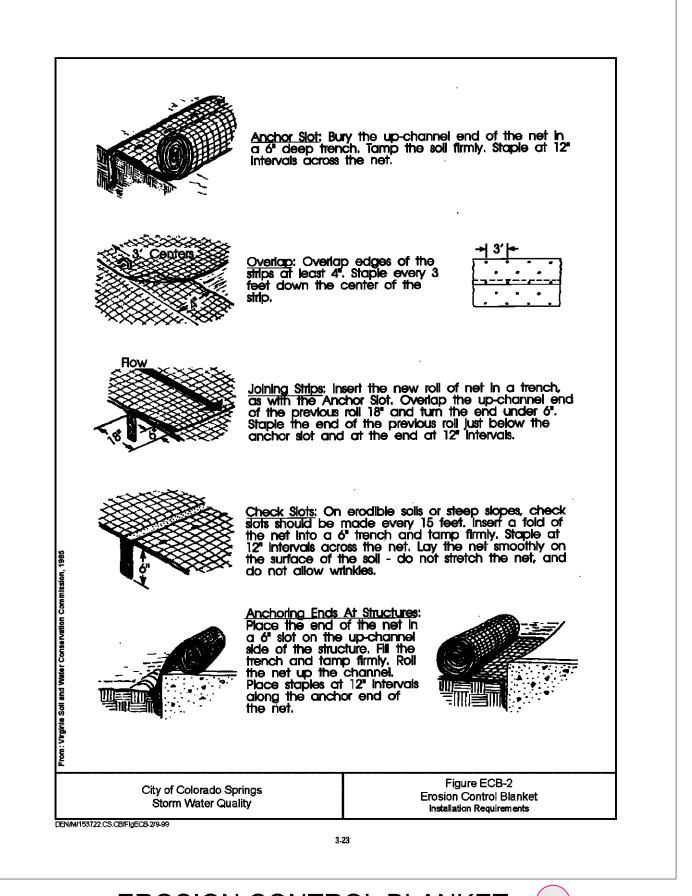
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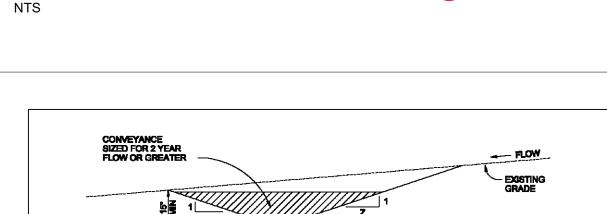
3 OF 6 SHEETS

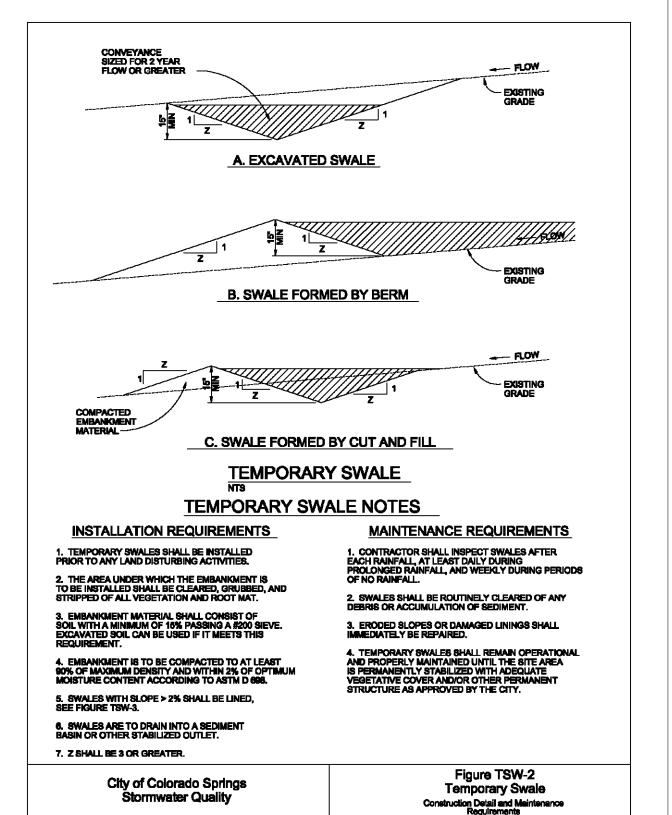




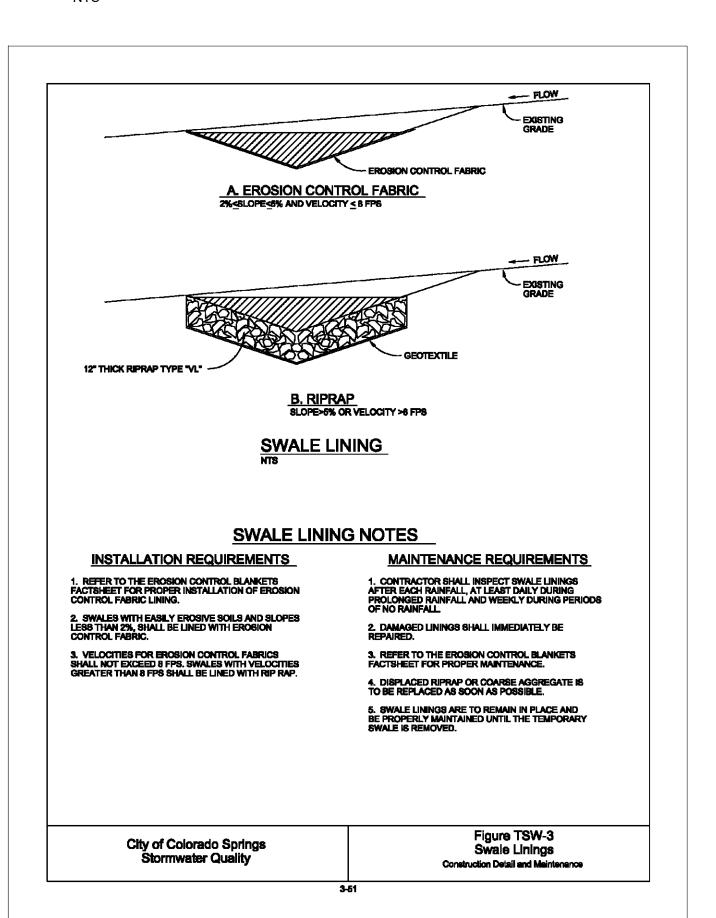


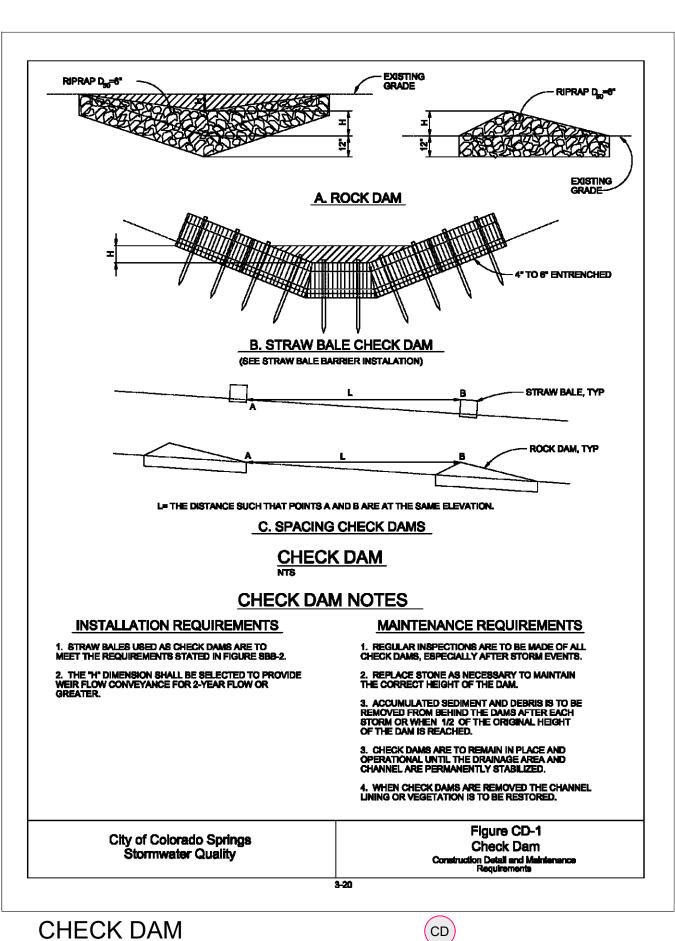


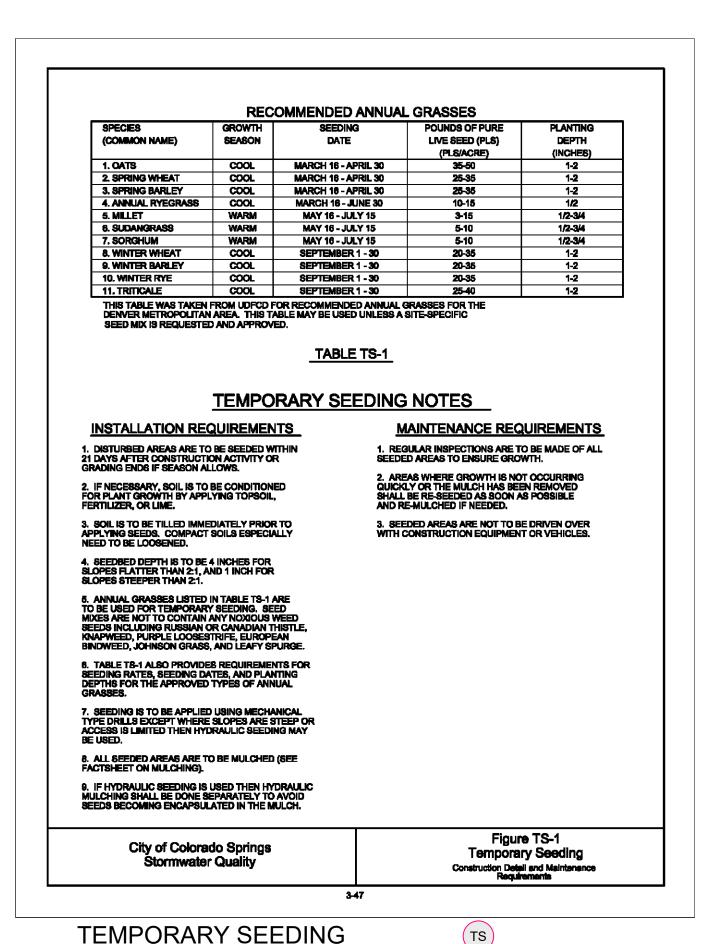




**TEMPORARY SWALES** 







EROSION CONTROL BLANKET Q

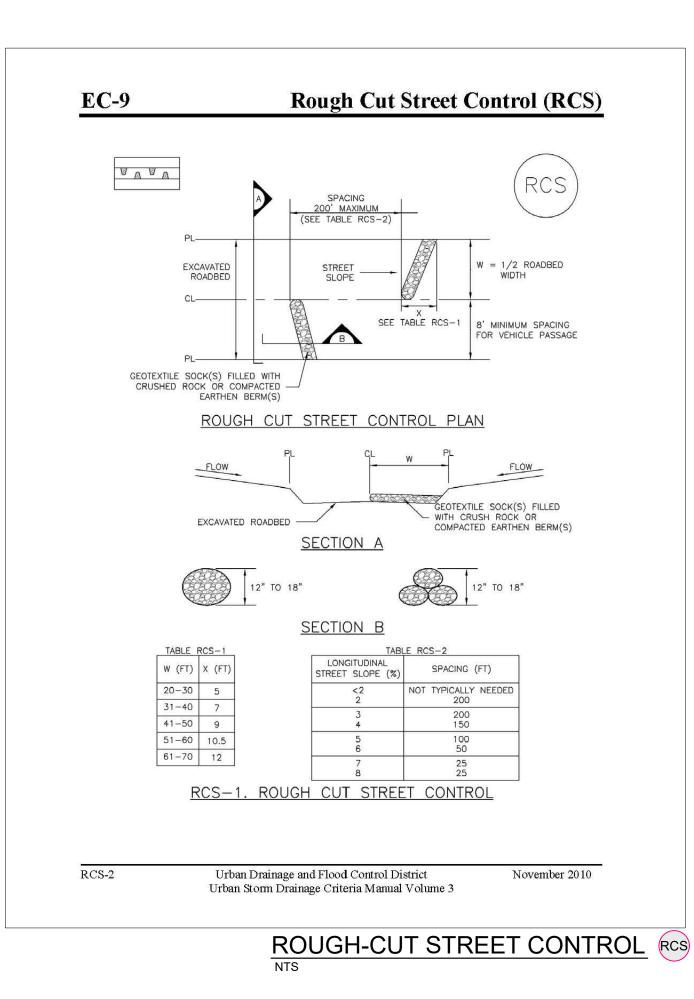
Project No.: 04092/2103 Date: Feb 10, 2022 Design: MJK Drawn: MJK Check: AWMc Revisions: No. "EGP-213" SHEET

4 OF 7 SHEETS

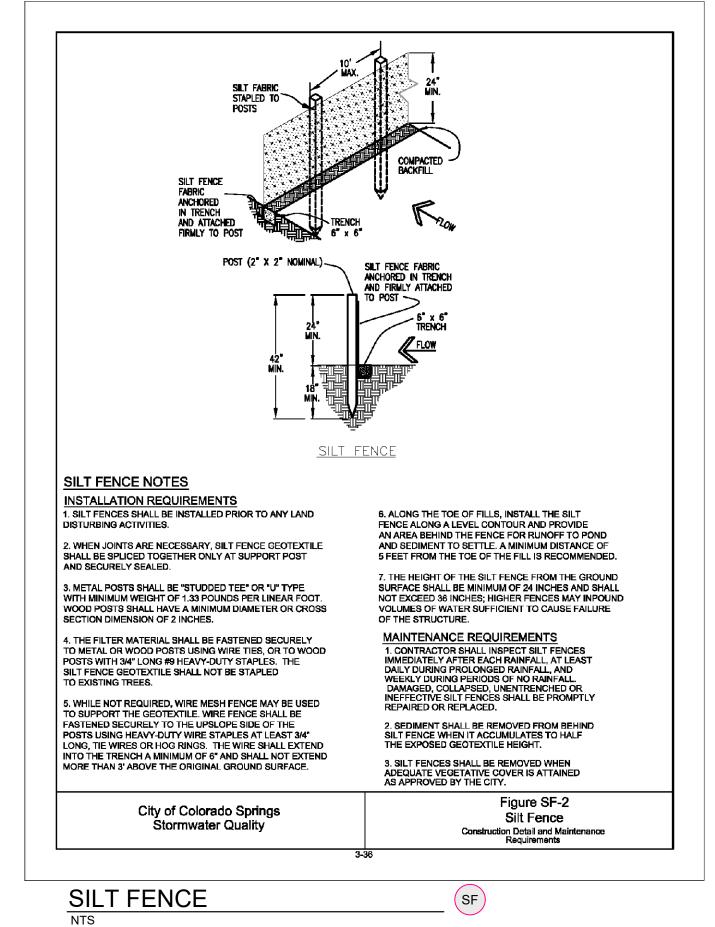
EPC 7/14/22

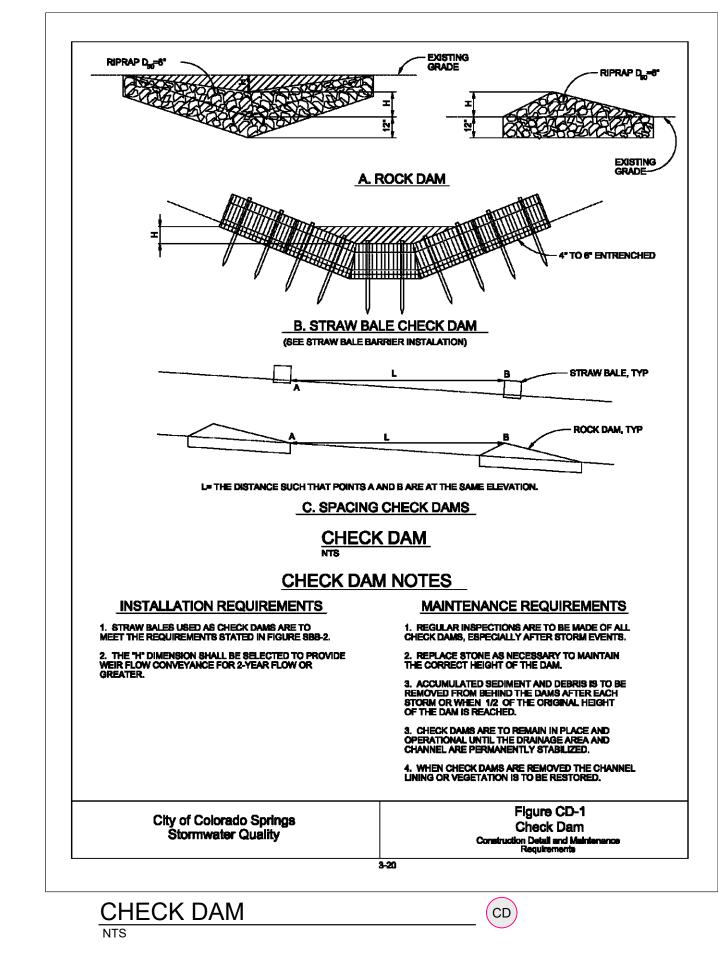
Ш

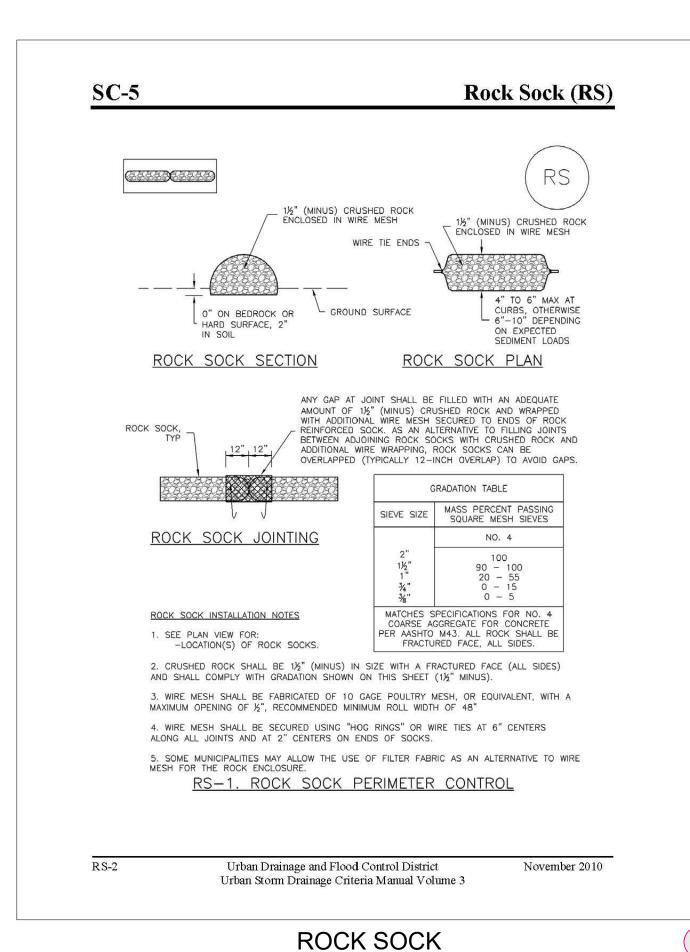
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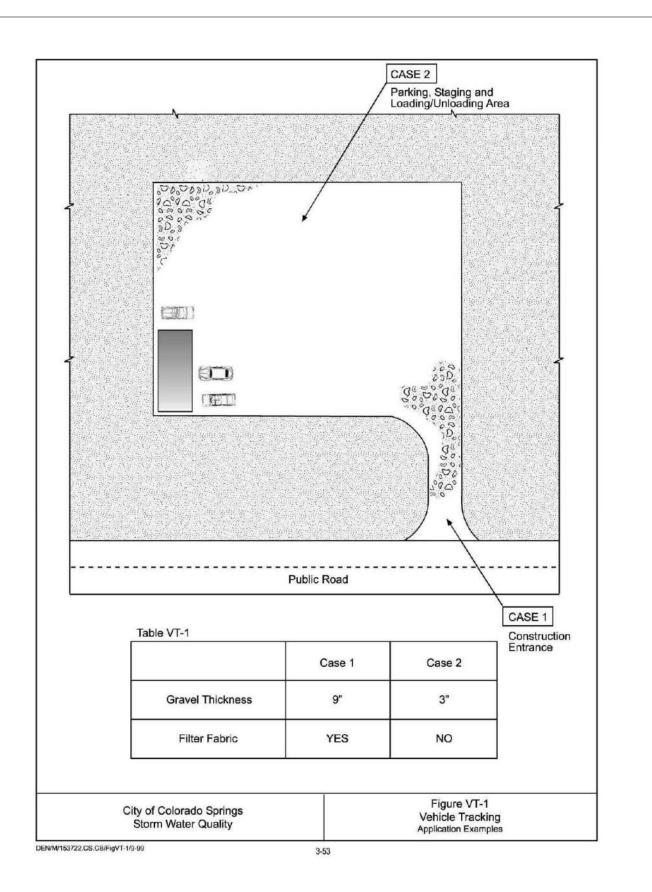


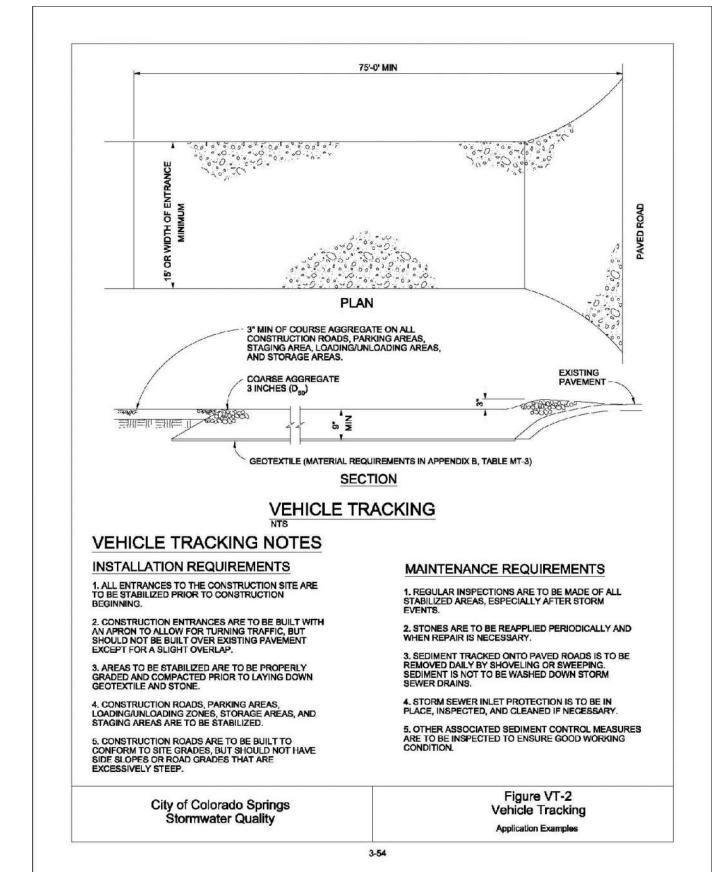


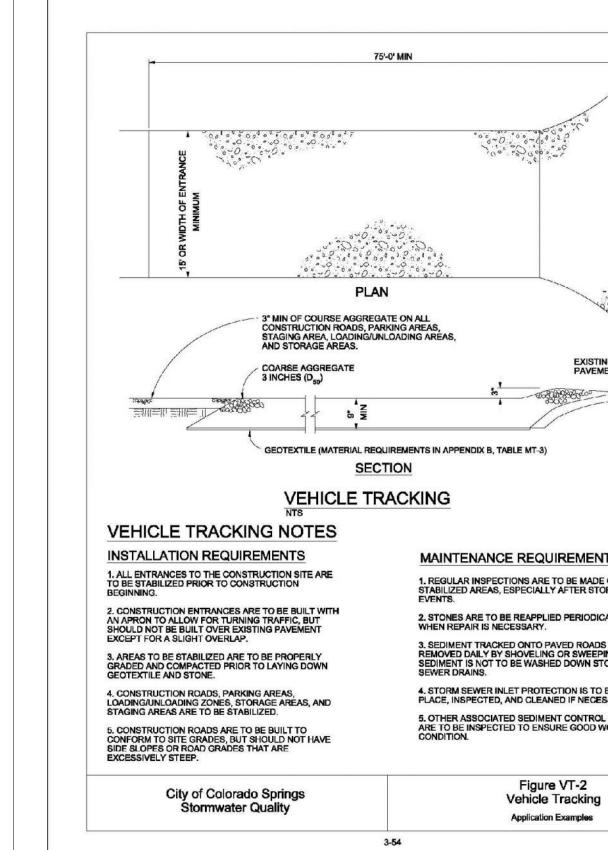












VEHICLE TRACKING CONTROL (VTC)

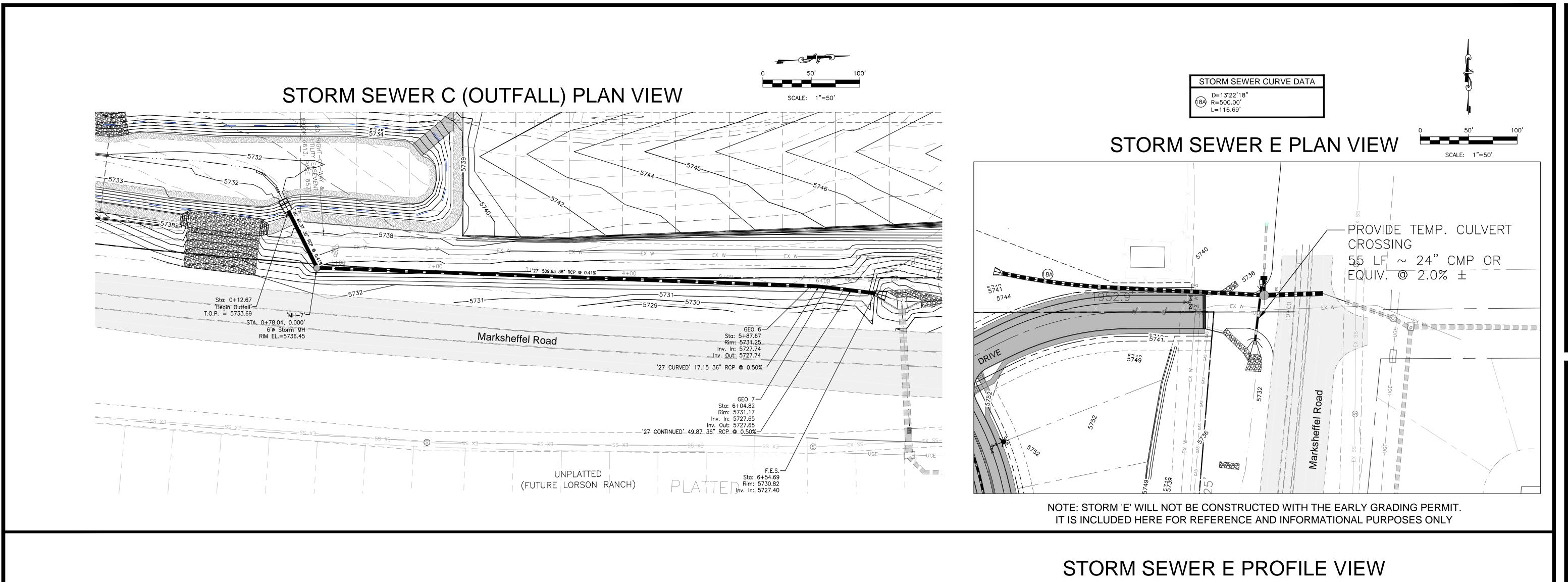
Project No.: 04092/2103 Date: Feb 10, 2022 Design: MJK Drawn: MJK Check: AWMc Revisions: No. "EGP-213" SHEET

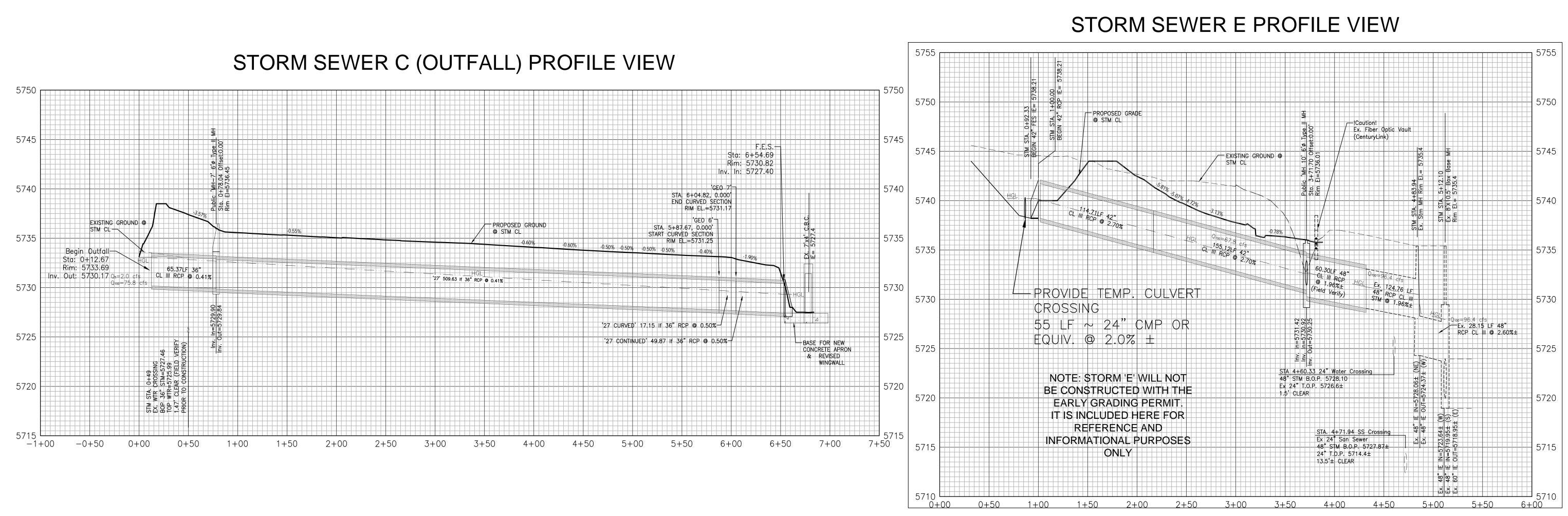
EPC 7/14/22



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5 OF 7 SHEETS





gineering Corporation
1604 South 21st Street
colorado Springs, Colorado 80904
(719) 630-7342



THENT PARTNERS, LLC

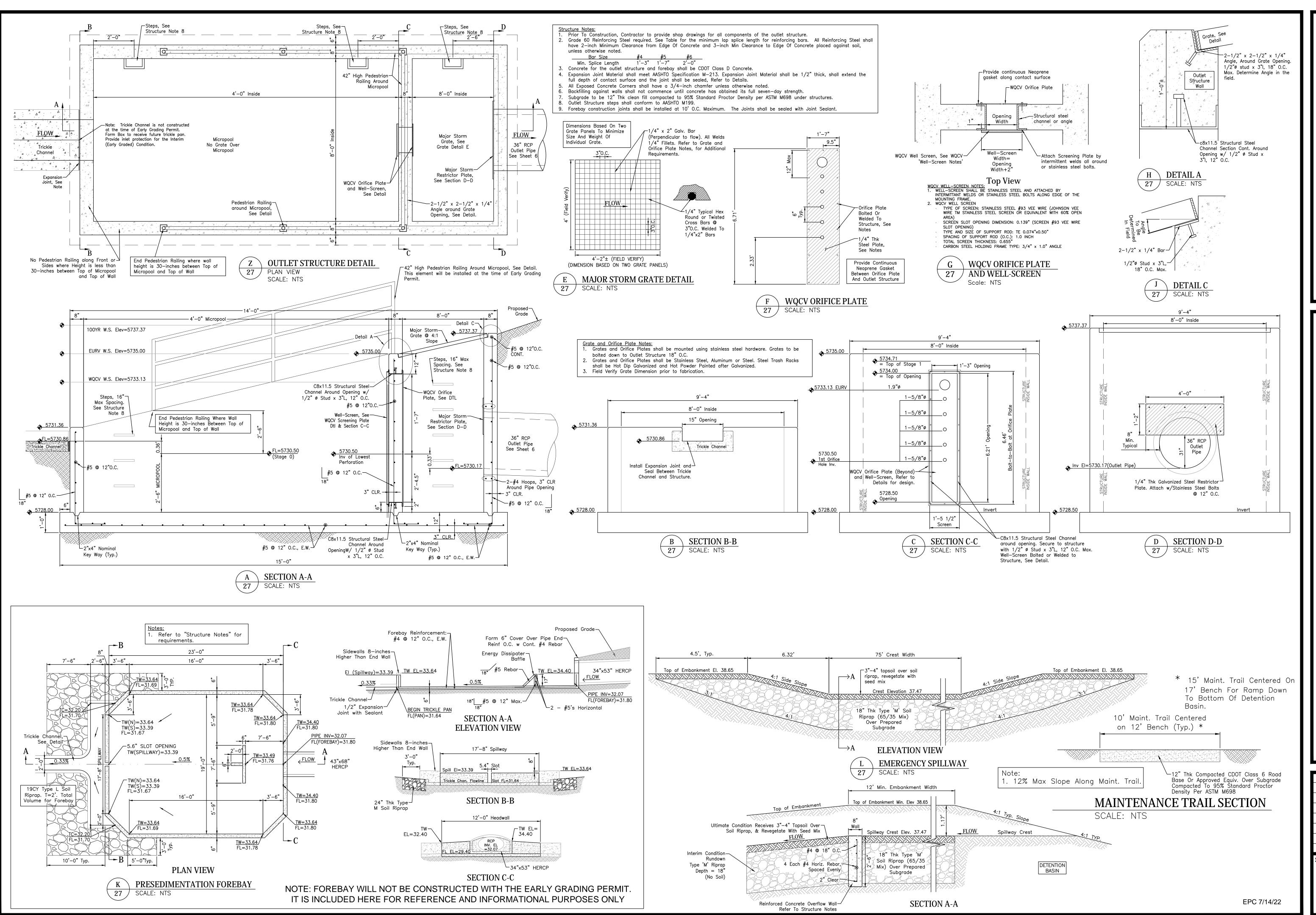
MP CROSSING

LAN AND PROFILE

Project No.: 04092/2103
Date: May 20, 2022
Design: MJK
Drawn: MJK
Check: AWMc
Revisions:
SHEET
FGP-6

EPC 7/14/22

21031\_EGP\_6.dwg/May 23, 2022



PEACEFUL RIDGE AT FOUNTAIN VALLEY
DETENTION BASIN
OUTLET STRUCTURE & SPILLWAY DETAILS
EL PASO COUNTY, COLORADO

Engineering Colorado South 2

Project No.: 21031

Date: May 20, 2022

Design: MJK

Drawn: MJK

Drawn: MJK
Check: AWMc
Revisions:

SHEET

GP-7

21031\_EGP\_7.dwg/May 23, 20