Revise plan sheets per comments made on both the Drainage Report and the Grading and Erosion Control Plan.

GLENEAGLE GOLF COURSE RESIDENTIAL INFILL DEVELOPMENT FILING NO. 2

FOR

GRADING, EROSION CONTROL AND STORMWATER QUALITY REPORT

PREPARED BY

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PREPARED FOR

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November 26, 2018

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PROJECT DESCRIPTION

General Location

The Gleneagle Golf Course Residential Infill Development Fil No 2consists of a total of 7.62 acres, which previously comprised the Gleneagle Golf Club. The area will be developed with 12 lots located on 7.62 acres of the subdivision with 0.83 acres of ROW. The project is located in northwestern El Paso County. It is situated in Sections 6, Townships 11 South, Range 67 West of the 6th Principal Meridian, El Paso County, Colorado.

The proposed development was part of the Black Forest Drainage Basin Planning Study, prepared by Wilson and Company in May 1989. The study used storm intervals of ten and 100 years. Our study follows the current City/County Drainage Criteria Manual and uses the five- and 100-year storms. The existing outfalls from the site consisting of swales to ditches which transport flows to Struthers Road and eventually into Monument Creek.

SITE DESCRIPTION

Existing Site Conditions

The existing site is undeveloped and is located on the original golf course and is totally covered with rangeland grasses.

Soils

The Soil Conservation Service (NRCS) soil survey for El Paso County has identified three soil types in this study area. They are as follows:

Map Symbol No.	Soil Name	Hydrologic Soil Group
68	Peyton-Pring Complex	В
71	Pring Coarse Sandy Loam	В

EROSION AND SEDIMENT CONTROL CRITERIA

Areas and Volumes

The proposed site development shall require the construction of approximately 1,100 lineal feet of roadway and associated utilities. The development shall occur west of Huntington Beach Drive and north of Gleneagle Drive.

Improvements shall include the construction of a detention/water quality basin on the property to account for the areas of the disturbances. The total area of disturbance shall be about 7.6 acres. Construction activities shall consist of clearing, grubbing and grading for the new lot developments. Approximately 2,000 cubic yards of cut and fill shall be moved. Disturbed and exposed areas of the site shall be seeded and mulched if construction activities cease for more than 30 consecutive days. The site shall also require the sedimentation basins listed below to handle the potential erosion.

Erosion and Sediment Control Measures

Erosion control and sediment prevention measures describe a wide range of management procedures, schedules of activities, prohibitions on practices, and other best management practices (BMP). BMPs also include operating procedures, treatment requirements and practices to control site runoff, drainage from materials storage, spills or leaks. Structural practices for this

site include silt fences, straw bales, inlet protection, and vehicular tracking control. Erosion matting may be required on unstable slopes, if directed by the engineer. General descriptions of the BMPs to be used during the construction of this project are listed below. See the Erosion Control Plans for the specific type and location of each erosion and sediment control device required for this project.

Initial Stage

These BMPs shall be installed at the outset of construction, prior to the initial pre-construction meeting and any other land-disturbing activities. Initial controls are to be placed on existing grades but shall be based in part on proposed grading operations. The initial stage includes clearing, grubbing, overlot grading, and utility and other construction prior to paving operations.

Temporary Stabilization

Disturbed areas will be temporarily stabilized as soon as construction activities are completed. Seeding will be applied to completed areas within 14 days of completion.

Vehicle Tracking Control

A vehicle tracking control device will be installed at the construction entrance where the construction entrance intersects an existing paved private roadway.

Silt Fence

Prior to the start of construction, silt fence will be installed along the perimeter of all disturbed areas that are within the project site. Silt fence shall be placed as indicated on the plan drawing. Sediment shall be removed when depth exceeds one-fourth the height of the silt fence. The engineer may require additional silt fence as necessary to retard sediment transport on or off the project site.

Outlet Protection

Outlet protection at the water quality basin on the site will be provided to prevent erosion and scour of the water quality basin area by the concentrated flows gathered by the storm sewer system both during and after construction.

Non-Structural Practices

Upon completion of the grading, temporary seeding and mulching will be applied to all disturbed areas on and adjacent to the site. All seeding, fertilizers, and mulching shall conform to *El Paso County Engineering Criteria Manual*.

Construction Timing

The site will be graded to accommodate the proposed redevelopment items delineated previously. This project will be constructed in a single phase. Once construction begins, it will continue until the project is complete; therefore, construction phasing will not be necessary. The construction process will consist of grading (excavation and fill) activities, installation of utilities, paving, concrete placement, landscaping, and building construction. The general sequence for major construction activities will be as follows:

- Establish limits of disturbance
- Install vehicle tracking control (VTC)
- Install silt fence
- Clear and grub the site
- Excavation and fill placement

- Install underground utilities
- Install inlet and outlet protection BMPs
- Building construction
- Paving and curb placement
- Install permanent landscaping and irrigation
- Remove temporary sediment pond and reshape for water quality basin
- Remove BMPs

To be fully effective, erosion and sediment control measures must be installed and phased with the construction activities. The vehicular tracking control device shall be installed at the entrance prior to the mobilization of construction equipment on-site. Prior to the clearing and grubbing of the entire construction area, localized clearing shall be performed for the placement of perimeter erosion control measures. Site clearing shall commence only after the perimeter erosion control measures are in place. Erosion control devices must be in place to reduce the potential of eroded excavated material entering the storm drainage system. Protection devices shall be placed during grading activities, in the appropriate areas, as indicated on the plan drawing that is located in the Appendix.

Anticipated starting and competition date: January 1, 2019 to September 1, 2019

Expected date on which the final stabilization will be completed: October 1, 2019

Permanent Stabilization

Disturbed areas shall be permanently stabilized as soon as construction activities are completed. Viable vegetative cover shall be established no later than one year from disturbance. Areas to be revegetated shall be treated with soil amendments to provide an adequate grown medium to sustain vegetation and shall match the existing 70 percent pre-disturbed vegetation cover.

The seedbed shall be well settled and firm, but friable enough that seed can be placed at the seeding depth specified. The seedbed shall be reasonably free of weeds. Soils that have been over-compacted by traffic or equipment, especially when wet, shall be tilled to break up rooting restrictive layers and then harrowed, rolled, or packed to prepare the required firm seedbed. Mulch shall be applied at a rate of two and one-half (2 ½) tons per acre and shall be spread uniformly, in a continuous blanket, after seeding is complete. Mulch shall be clean, weed and seed free, long-stemmed grass or hay, or long-stemmed straw of oats, wheat, or rye. At least 50 percent of mulch, by weight, shall be ten inches or longer. Mulch shall be spread by hand or blower-type mulch spreader. Mulching shall be started on the windward side of relatively flat areas or on the upper part of steep slop and continued uniformly until the area is covered. The mulch shall not be bunched. Immediately following spreading, the mulch shall be anchored to the soil by a v-type wheel land packer or scalloped-disk land packer designed to force mulch into the soil surface a minimum of three inches. All seeded areas shall be mulched after seeding on the same day as the seeding. The type of seed mix used for permanent vegetation shall utilize perennial grasses as delineated on the plans.

Stormwater Management

All developed stormwater will be routed through the EDB facilities to provide stormwater quality as delineated on the drawings.

Maintenance

All temporary and permanent erosion and sediment control practices shall be maintained and repaired as needed by the contractor throughout the duration of construction to assure that each BMP will function as intended. As required by the stormwater discharge permit, a weekly inspection of these items will be performed. In addition, all facilities must be inspected by the owner or the owner's representative following each heavy precipitation or snowmelt event that results in runoff, with maintenance occurring immediately after discovering a need.

Silt fence may require periodic replacement. All sediment accumulated behind the silt fence must be removed and disposed of properly when depth exceeds one-fourth the height of the silt fence. On-site construction traffic will be monitored to minimize the transport of sediment onto the proposed on-site streets, as well as onto adjacent city streets. The Owner, Site Developer, Contractor, and/or their authorized agents shall prevent loss of cut and fill material being transported to and from the site by taking appropriate measures. All mud and sediment tracked onto public streets shall be cleaned immediately. Road cleaning includes shoveling and sweeping activities.

Diversion ditches shall be kept clean and functional during construction. They shall be routinely checked on a weekly basis and cleaned if the height of sedimentation exceeds one-half its depth.

Inlet/outlet protection shall be inspected to ensure proper operation. Excess debris or sediment must be removed prior to final acceptance of the project.

The temporary sedimentation pond shall remain in place until such time as the major grading operations in the area are completed and the ground stabilized by either temporary or permanent measures. The ponds will be cleaned out periodically with depth of sediment at no time allowed to accumulate more than one-half the depth of the facility.

CostAn engineer's cost estimate for the anticipated erosion and sediment control items for the entire site are listed below:

Section 1 – Grading & Erosion Control BMPs	Quantity	Units	Price	Total
Earthwork*	2,000.00	CY	\$5	\$10,000.00
Permanent Seeding*	6.79	AC	\$582	\$3,951.78
Mulching*	6.79	AC	\$507	\$3,442.52
Erosion Bales	28	EA	\$21	\$588.00
Inlet Protection	1	EA	\$153	\$153.00
Vehicle Tracking Control	1	EA	\$1,625	\$1,625.00
Sedimentation Basin	1	EA	\$1,625	\$1,625.00
Temporary Seeding	5.00	AC	\$485	\$2,425.00
Temporary Much	5.00	AC	\$507	\$2,535.00
Silt Fence	4,050.00	LF	\$4	\$16,200.00
Concrete Washout Basin	1	EA	\$776	\$776.00
TOTAL EROSION & SEDIMENT CONTROL COST				

STORMWATER MANAGEMENT

Stormwater Management

Stormwater quality shall be protected and preserved throughout the life of this development. During mass grading and construction, measures such as sediment fences, straw bales, and vehicle tracking control shall be used to minimize erosion and sedimentation on site. During construction, the proposed extended detention basin shall function as a temporary sediment basin to reduce the potential for sediment leaving this development. Temporary diversion dikes shall be constructed to transport runoff that may contain sediment to the temporary sediment basin located on site until a stormwater system is installed. After various stages of the construction, when applicable, temporary or permanent erosion control stabilization shall be installed and maintained (landscaping, seeding, mulching, etc.).

Potential Pollution Sources

Materials are sometimes used at the construction site that present a potential for contamination of stormwater runoff. These include sediment, equipment/vehicle washing, vehicle maintenance and fueling, petroleum products, paint, solvents, treated wood products, asphalt (bituminous) paving, concrete, concrete-curing compounds, metal, waste storage and disposal and other liquid chemicals such as fertilizers, herbicides, and pesticides. Practices that can be used to prevent or minimize toxic materials in runoff from a construction site are described in this section.

Areas at the construction site that are used for storage of toxic materials and petroleum products shall be designed with an enclosure, container, or dike located around the perimeter of the storage area to prevent discharge of these materials in runoff from the construction site. These barriers shall also function to contain spilled materials from contact with surface runoff. Proposed locations for storage of toxic materials have not been determined at the time of this report. Locations shall depend upon construction phasing.

Measures to prevent spills or leaks of fuel, gear oil, lubricants, antifreeze, and other fluids from construction vehicles and heavy equipment shall be considered to protect groundwater and runoff quality. All equipment maintenance shall be performed in designated areas and shall use spill control measures, such as drip pans, to contain petroleum products. Spills of construction-related materials, such as paints, solvents, or other fluids and chemicals, shall be cleaned up immediately and disposed of properly.

Trash receptacles shall be provided and kept clean as required to keep the site clean of trash. In addition, portable toilets shall be provided for all workers on the site during construction. All portable toilet facilities shall be located at least three feet from curb flow lines and paved surfaces. The facilities shall be stationed on ground and secured down to prevent tipping.

Potable water is anticipated as a non-stormwater discharge. Potable water shall be used for grading, dust control, and irrigation of erosion control and permanent landscaping. An effort shall be made to use only the amount of potable water required for these operations.

Owner Inspection and Maintenance of Constructed BMPs

All inspection logs will include signatures on the logs and be kept on site along with other SWWP records.

1. *Minimum Inspection Schedule.* The permittee shall, at a minimum, make a thorough inspection at least once every 14 calendar days. Also, post-storm event inspections shall be conducted

within 24 hours after the end of any precipitation or snowmelt event that causes surface erosion. Provided the timing is appropriate, the post-storm inspections shall be used to fulfill the 14-day routine inspection requirement. A more frequent inspection schedule than the minimum inspections described may be necessary to ensure that BMPs continue to operate as needed to comply with the permit.

- 1.1. Post-Storm Event Inspections at Temporarily Idle Sites. If no construction activities will occur following a storm event, post-storm event inspections shall be conducted prior to recommencing construction activities, but no later than 72 hours following the storm event. The occurrence of any such delayed inspection must be documented in the inspection record. Routine inspections still must be conducted at least every 14 calendar days.
- 1.2. *Inspections at Completed Sites/Areas.* For sites, or portions of sites, that meet the following criteria; but final stabilization has not been achieved due to a vegetative cover that has not become established, the permittee shall make a thorough inspection of their stormwater management system at least once every month. Post-storm event inspections are not required. This reduced inspection schedule is only allowed if:
 - 1.2.1.all construction activities that will result in surface ground disturbance are completed;
 - 1.2.2.all activities required for final stabilization in accordance with the Grading and Erosion Control/Stormwater Quality Plan have been completed, with the exception of the application of seed that has not occurred due to seasonal conditions or the necessity for additional seed application to augment previous efforts; and
 - 1.2.3.the Grading and Erosion Control/Stormwater Quality Plan has been amended to indicate those areas that will be inspected in accordance with the reduced schedule allowed for in this section.
- 1.3. Winter Conditions Inspections Exclusion. No changes are expected for winter work.

CONCLUSION

This SWMP Report and the Best Management Practices (BMPs) specified on the Erosion Control Plans have been designed to reduce any adverse impacts the construction of this project might have on the surrounding properties. If properly installed and maintained, the design shall protect the quality of the stormwater runoff that is released from this development.

All temporary erosion and sediment control measures shall be removed and disposed of within thirty (30) days after final site stabilization is achieved, or after temporary measures are no longer needed, whichever occurs earliest, or as authorized by the local governing jurisdiction.

Temporary erosion control measures may be removed only after streets and drives are paved, and all disturbed areas have been stabilized. Trapped sediment and disturbed soil areas resulting from the disposal of temporary measures must be returned to final plan grades and permanently stabilized to prevent additional soil erosion.

Final stabilization is reached when all soil disturbing activities at the site have been completed, and uniform vegetative cover has been established with a density of at least 70 percent of pre-

disturbance levels; or equivalent permanent, physical erosion reduction methods have been employed.

Compliance with Standards

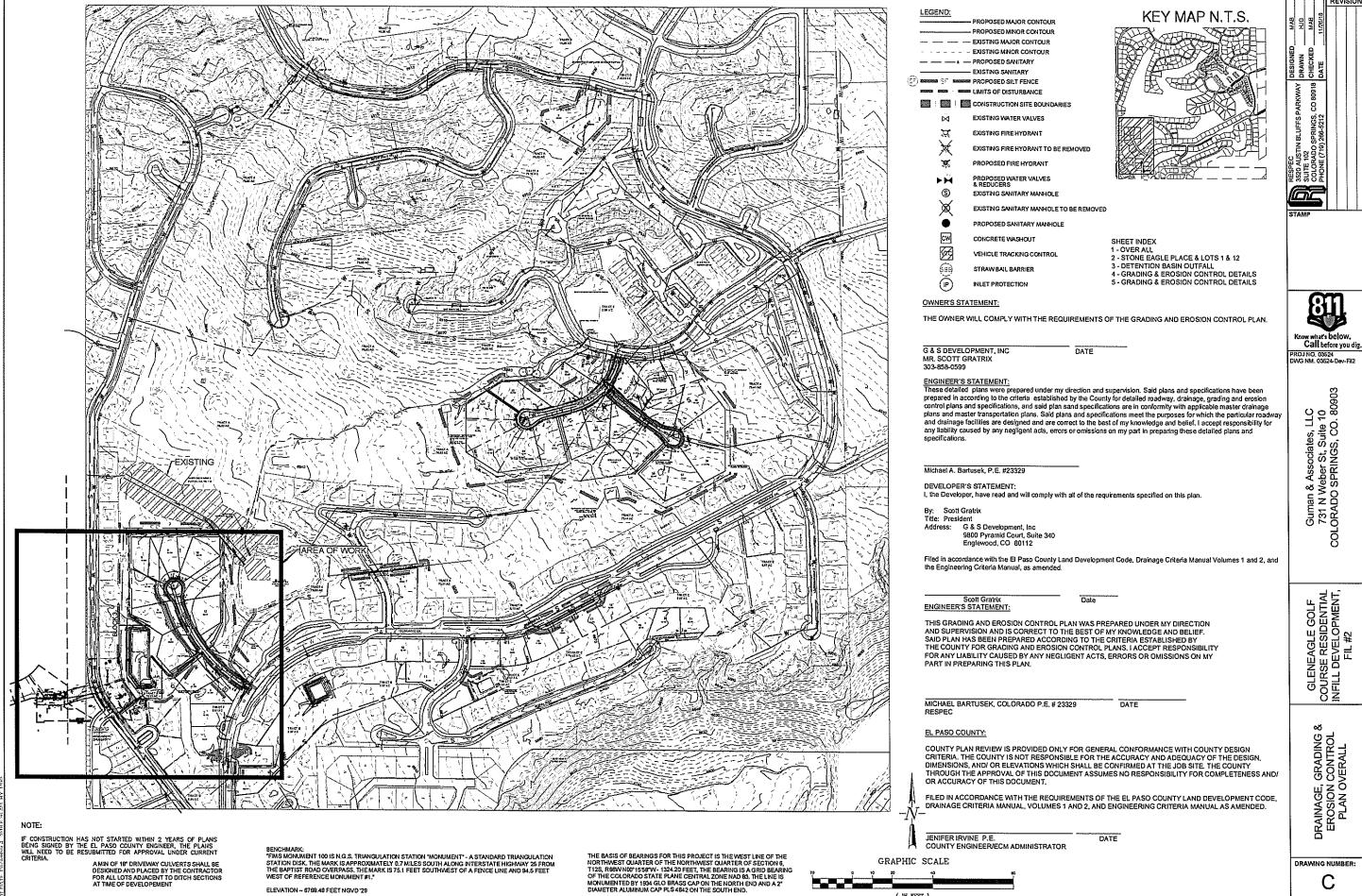
This report was prepared in accordance with the procedures and concepts outlined in the *El Paso County Engineering Criteria Manual*.

REFERENCES

- City of Colorado Springs Drainage Criteria Manual, Volume 2, including Addendums I and II.
- El Paso County Engineering Criteria Manual.

APPENDIX A

Grading and Erosion Control Plans



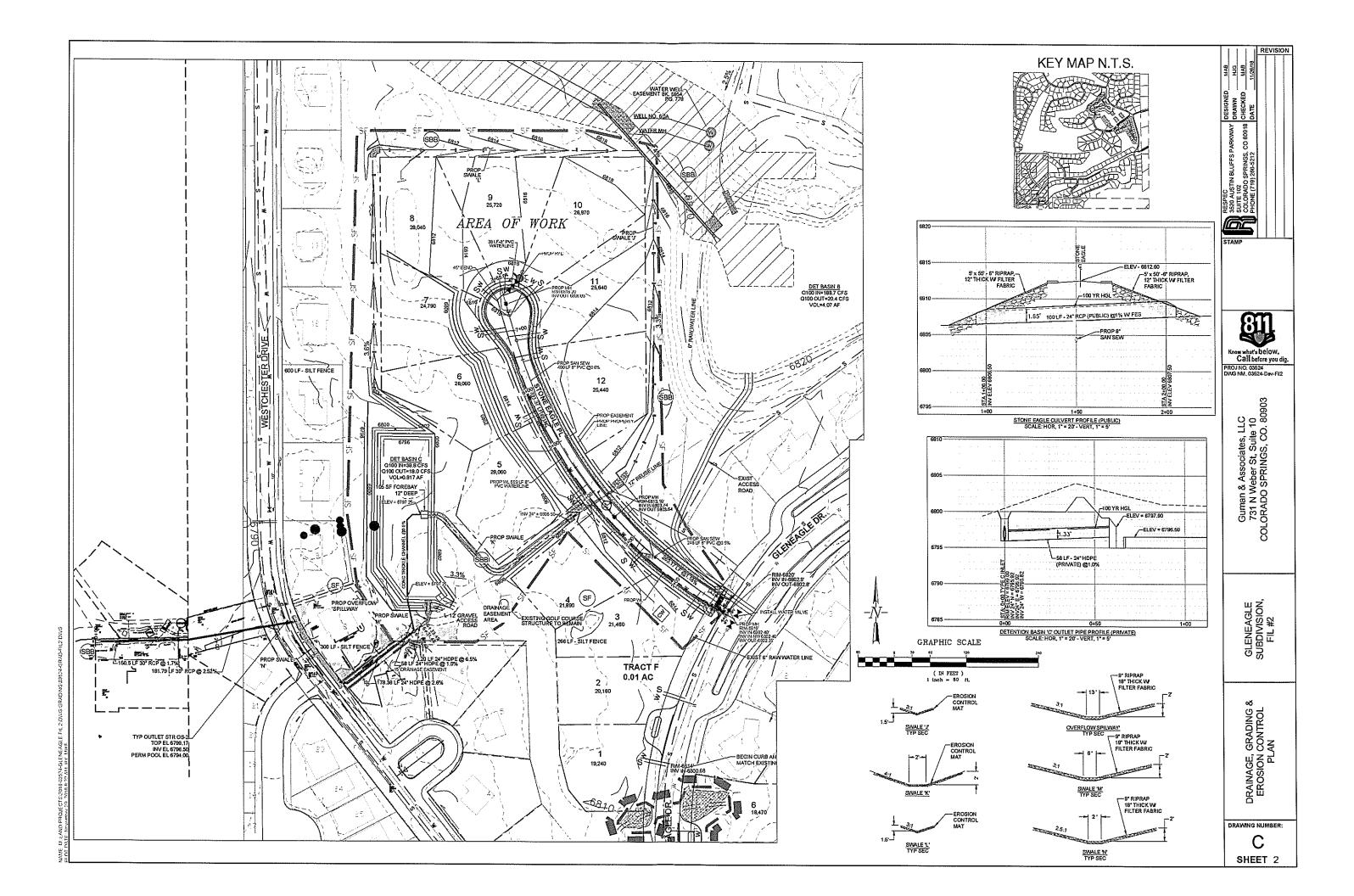
ELEVATION -- 6768.49 FEET NGVD '29

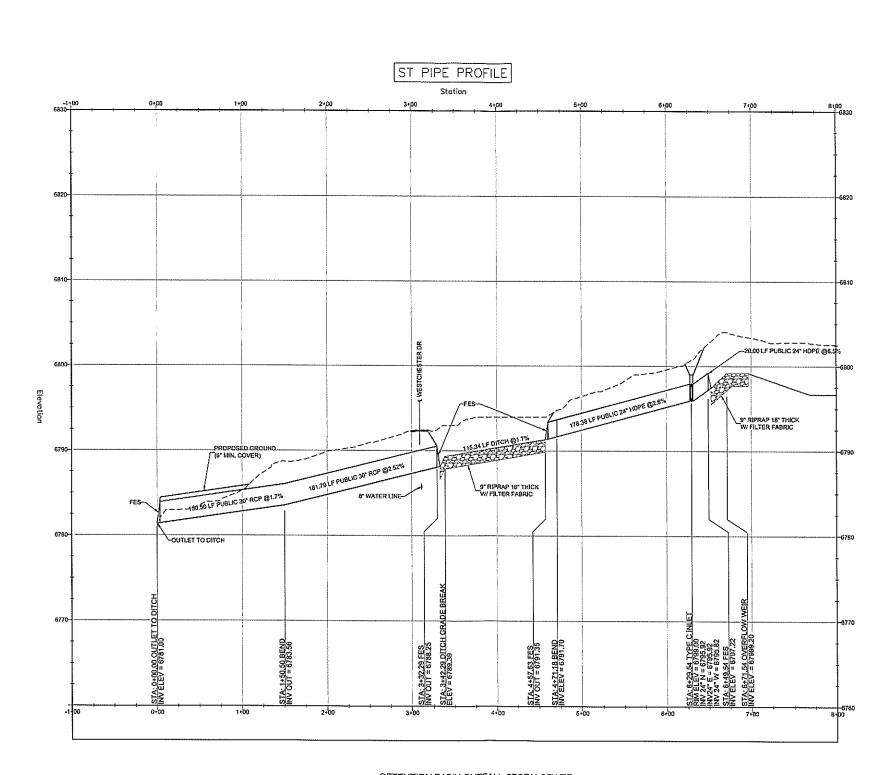
SHEET 1

Guman & Associates, LLC 731 N Weber St, Suite 10 COLORADO SPRINGS, CO. 80903

GLENEAGLE GOLF COURSE RESIDENTIAL INFILL DEVELOPMENT, FIL #2

DRAINAGE, GRADING & EROSION CONTROL PLAN OVERALL





MAB HJG MAB

BESPEC STATE OF STATE

811 Know what's below. Call before you dig. PROJ NO. 03524 DWG NM. 03524-Dev-Fi/2

Guman & Associates, LLC 731 N Weber St, Suite 10 COLORADO SPRINGS, CO. 80903

GLENEAGLE SUBDIVISION, FIL #2

STORM SEWER PLAN AND PROFILE

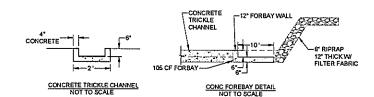
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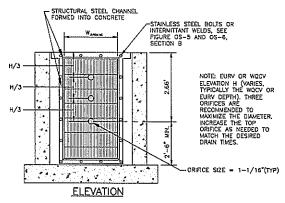
C SHEET 3

DETENTION BASIN OUTFALL STORM SEWER SCALE HORZ: 1" = 50" VERT: 1" = 5"

FIGURE 0S-2 TYPICAL OUTLET STRUCTURE FOR FULL SPECTRUM DETENTION

OUTLET STRUCTURES DETAILS NOTTO SCALE





ORIFICE PLATE NOTES:

- 1. PROVIDE CONTINUOUS NEOPRENE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE.
- 2. BOLT PLATE TO CONCRETE 12" MAX. ON CENTER, SEE TABLE OS-2 FOR PLATE THICKNESS.

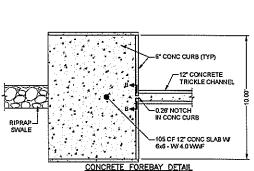
EURY AND WOCY TRASH RACKS:

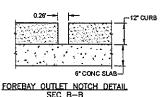
- WELL-SCREEN TRASH RACKS SHALL BE STAINLESS STEEL AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
- 2. BAR GATE TRASH RACKS SHALL BE ALUMINUM AND SHALL BE BOLTED USING STAINLESS STEEL HARDWARE.
- 3. TRASH RACK OPEN AREAS ARE FOR SPECIFIED TRASH RACK MATERIALS, TOTAL TRASH RACK SIZE MAY NEED TO BE ADJUSTED FOR MATERIALS HAVING DIFFERENT OPEN AREA/GROSS AREA RATIO R VALUE).
- 4. STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.

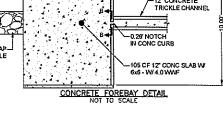
OVERFLOW SAFETY GRATES:

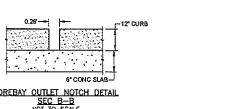
- ALL SAFETY GRATES SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH HINGED AND LOCKABLE OR BOLTABLE ACCESS PANELS.
- SAFETY GRATES SHALL BE STAINLESS STEEL, ALUMINUM, OR STEEL. STEEL GRATES SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
- 3. SAFETY GRATES SHALL BE DESIGNED SUCH THAT THE DIAGONAL DIMENSION OF EACH OPENING IS SMALLER THAN THE DIAMETER OF THE CUTLET PIPE.
- STRUCTURAL DESIGN OF SAFETY GRATES SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.

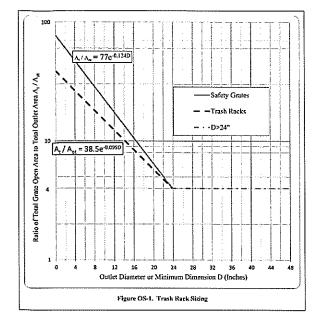
FIGURE OS-4 ORIFICE PLATE AND TRASH RACK DETAILS AND NOTES



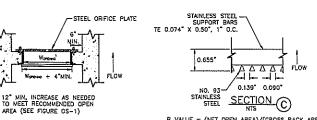








SAFETY GRATE WITH 5 MAX, CLEAR BETWEEN BOLT OR LOCK C8×18.75 AMERICAN — STANDARD STRUCTURAL STEEL CHANNEL. TRASE RACK SWIVEL HINGE WOCV OR EURV WSE 3 OR 4 NO. 93 JOHNSON VEE WIRE: STAINLESS STEEL WELL SCREEN (OR EQUIVALENT) C8X18.75 AMERICA! STANDARD STANDARD STRUCTURAL STEEL CHANNEL FORMED INTO CONCRETE BOTTOM AND SIDES OF WOOD TRASH RACK ATTACHED BY INTERMITTENT WELDS. HAPED INVERT ~ 24" HDPE OUTLET PIPE Z.5% MIN. SLOPE SECTION (A) WELL -SCREEN FRAME ATTACHED
TO CHANNEL BY
INTERMITTENT



R VALUE = (NET OPEN AREA)/(GROSS RACK AREA) = 0.60 SECTION (B)

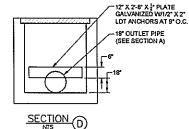


FIGURE OS-5 TYPICAL OUTLET STRUCTURWITH WELL SCREEN TRASH RACK

- 1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE EL PASO COUNTY ENGINEERING SPECIFICATIONS.
- 2. THE CONTRACTOR SHALL NOTIFY COLORADO STATE UTILITIES CENTRAL LOCATING (I-800-822-1897 AT LEAST 48 HOURS PRIOR TO MY EXCAVATION SO THAT THEY MAY LOCATE THEIR FACILITIES. THE LOCATION OF FACILITIES SHOWN ON THE DRAWINGS IS FROM AVAILABLE RECORDS AND IS APPROXIMATE.
- AVAILABLE RECORDS AND IS APPROXIMATE

 ALL EXISTING UTILITY LOCATIONS SHOWN ON THE DRAWINGS REFLECT THE AVAILABLE INFORMATION AND DO NOT NECESSARILY INDICATE THE ACTUAL LOCATIONS. PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES THAT MAY CONFLICT WITH OR OBSTRUCT THE NEW CONSTRUCTION. ANY REQUIRED RELOCATIONS THAT ARE NOT SPECIFICALLY SHOWN ON THE DRAWINGS SHALL BE COORDINATED WITH AND HAVE PRIOR APPROVAL OF EL PASO COUNTY UTILITIES.

 4. ALL DIMENSIONS ARE TO FACE OF CURB, EDGE OF ASPHALT & FLOWLING OF PAN.

 5. ALL ELEVATIONS ARE TO TOP/ASPHALT & FLOWLINE CURB UNLESS OTHERWISE NOTED.

ALL STORM SEWER PIPE AND SANITARY SEWER PIPE LENGTHS AND SLOPES ARE SHOWN FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE

STANDARD NOTES FOR EL PASO COUNTY GRADING AND EROSION CONTROL PLANS

- CONSTRUCTION MAY NOT COMMENCE UNTIL A CONSTRUCTION PERMIT IS OBTAINED FROM DEVELOPMENT SERVICES AND A PRE-CONSTRUCTION CONFERENCE IS HELD WITH PLANNING AND COMMUNITY DEVELOPMENT
- 2. STORN-WATER 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.
- EARTH DISTURBANICE SHALL BE CONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OPE SITE WATERS, INCLUDING WETLANDS.

 3. 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 EMPOREEMING CHITERIA MANALL. HED DRAINAGE CRITERIA MANALL, AND THE DRAINAGE CRITERIA MANALL VOLUME 2. ANY DEVALUTIONS TO REGULATIONS AND STANDARDS MUST BE REQUESTED. AND APPROVED, IN WITHING.

 4. A SEPARATE STORM-WATER MANAGEMENT PLAN (SMWP) FOR THIS PROJECT SHALL BE COMPLETED AND AN PROSION AND STORM-WATER DUALITY CONTROL PERMIT (ESCOP) ISSUED PRIOR TO COMMENCING CONSTRUCTION, DURING CONSTRUCTION THE SWAP IS THE RESPONSIBILITY OF THE DESIGNATED STORM-WATER MANAGES, HALL BE LOCATED ON SITE AT ALL TIMES AND SHALL BE KEPT UP TO DATE WITH WORK PROGRESS AND CHANGES IN THE FIELD.

 5. ONCE THE ESCOP HAS BEEN ISSUED. THE CONTRACTOR MAY INSTALL THE INTIAL STAGE EROSION AND SEDIMENT CONTROL BMPS AS INDICATED ON THE GEC. A PRE-CONSTRUCTION MEETING BETWEEN THE CONTRACTOR MAY INSTALL THE INTIAL STAGE EROSION AND SEDIMENT CONTROL BMPS AS INDICATED ON THE GEC. A PRE-CONSTRUCTION MEETING BETWEEN THE CONTRACTOR, REGISTED AND ELPACO COUNTY WILL BE HELD PRIOR TO ANY CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE MEETING BY WATER SHALL BE COMPLETED. DISTURBED ARBAS AND STOCKPILES WHICH ARE MEETING SHALL BE LADD AREA SHALL BE COMPILETED WITHIN 21 CALENDAR DAYS STRUCK HALL BE NOT AT FINAL GRADING, OR FINAL EARTH DISTURBANCE, HAS BEEN COMPLETED. DISTURBED ARBAS AND STOCKPILES WHICH ARE NOT AT FINAL GRADING, OR FINAL EARTH DISTURBANCE, HAS BEEN COMPLETED. DISTURBED ARBAS AND STOCKPILES WHICH ARE NOT AT FINAL GRADE DISTURBED.

- MULCHED WITHIN 21 DAYS AFTER INTERIM GRADING. AN AREA THAT IS GOING TO REM INTERIM STATE FOR MORE THAN 80 DAYS SHALL ALSO BE SEEDED. ALL TEMPORARY SOIL EROSION CONTROL MEASURES AND BMPS SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND ESTABLISHED.

- EROSION CONTROL MEASURES AND BMPS SHALL BE MAINTAINED UNTIL DERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND ESTABUSHED.

 7. TEMPORARY SOIL EROSION CONTROL FACILITIES SHALL BE REMOVED AND EARTH DISTURBANCE AREAS GRADED AND STABILIZED WITH FERMANENT SOIL EROSION CONTROL MEASURES PURSUANT TO STANDARDS AND SPECIFICATION PRESCRIBED IN THE DOM VOLUME II AND THE EMISTERERING CRITERIA MANUAL, (ECM) APPENDIX!

 8. ALL PERSONS ENGAGED IN EARTH DISTURBANCE SHALL IMPLEMENT AND MAINTAIN ACCEPTABLE SOIL EROSION AND SEDIMENT CONTROL MEASURES INCLUDING BMPS IN CONFORMANCE WITH THE EROSION CONTROL TECHNICAL STANDARDS OF THE DRAINAGE CRITERIA MANUAL (DOW) VOLUME II AND IN ACCORDANCE WITH THE STORMWATER MANUAGE CRITERIA MANUAL (DOW) VOLUME II AND IN ACCORDANCE WITH THE STORMWATER MANUAGE CRITERIA MANUAL (DOW) VOLUME II AND IN ACCORDANCE WITH THE STORMWATER MANUAGE CRITERIA MANUAL (DOW) VOLUME II AND IN ACCORDANCE WITH THE STORMWATER MANUAGE CRITERIA MANUAL (DOW) VOLUME II AND IN ACCORDANCE WITH THE STORMWATER MANUAGE CRITERIA MANUAL (DOW) VOLUME II AND IN ACCORDANCE WITH THE STORMWATER MANUAGE CRITERIA MANUAL (DOW) VOLUME II AND THE ACRIT HOST OF THE PERMANENT FACILITIES INTERDED TO CONTROL EROSION OF ANY EASTH DISTURBANCE OPERATIONS, SHALL BE INSTALLED AS DEFINED IN THE DURATION OF THE EARTH DISTURBANCE OPERATIONS, SHALL BE INSTALLED AS DEFINED IN THE DURATION OF THE EARTH DISTURBANCE OPERATIONS, SHALL BE DESIGNED, CONSTRUCTED FOR DISTURBANCE AND THE ACRIT HE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST IN SUCH A MANNER SO AS TO EFFECTIVELY REDUCE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCE SHALL BE DESIGNED, CONSTRUCTED FOR THE CONDUCTED ON THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME.

 1. ANY TEMPORARY OR PERMANENT TO SICHARGE TO A NON-EROSIVE VELOCITY.

 12. CONCRETE WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO RUNOF TO STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES.

 15
- IN VEHICLE TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED.

 MATERIALS TRACKED OFFSITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF

- MATERIALS TRACKED OFFSITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIA TELY.

 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, BULDING MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DLIMPED, OR DISCHARGED AT THE SITE.

 17. THE OWNER, SITE DEVELOPER, CONTRACTOR, ANDORT THEIR AUTHORIZED A GERMST SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIST, TRASH, ROCK, SEDIMENT, AND SAND THAT MAY ACCUMULATE IN THE STORM SEWER OR OTHER DRAINAGE CONTEVANCE SYSTEM AND STORM-WATER APPURITEMANCS AS A RESULT OF SITE DEVELOPMENT.

 17. THE CUMNITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT CUMNITY 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 MANNEACTURER'S LABELS.

 18. NO CHEMICALS ARE TO BE USED DY THE CONTRACTOR, WHICH HAVE THE POTENTIAL TO BE RELEASED IN STORM-WATER UNLESS PERMISSION FOR THE USE OF A SPECIFIC CHEMICAL IS GRANTED IN VIRTUR OF THE CONTRACTOR, WHICH HAVE THE POTENTIAL TO BE RELEASED IN STORM-WATER UNLESS PERMISSION FOR THE USE OF A SPECIFIC CHEMICAL IS GRANTED IN VIRTUR OF THE ECONTRACTOR, IN GRANTING THE USE OF SUCH CHEMICALS, SPECIAL CONDITIONS AND MONTTORING MAY BE REQUIRED.
- SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.

 20. BULK STORAGE STRUCTURES FOR PETROLEUM PRODUCTS AND OTHER CHEMICALS SHALL HAVE
 ADEQUATE PROTECTION SO AS TO CONTAIN ALL SPILLS AND PREVENT ANY SPILLED MATERIAL
 FROM ENTERING STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE
- FROM ENTERING STATE WATERS, NULDING ANY SUFFACE OR SUBSURFACE OT SOME DANIAGE SYSTEM OR FACULTIES.

 1. NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORM-WATER FLOW IN THE FLOW LINE OF THE CURB AND GUTTER OR IN THE DITCHLINE.

 2. INDIVIDUALS SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE "CLEAN WATER ACT" (3) USC 134), IN ADDITION TO THE REQUIREMENTS INCLUDED IN THE DOM VOLUME II AND THE ECM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (MPDES, FLOODPLAIN, 404, FUGITIVE DUST, ETC.), IN THE EVENT OF CONFLICTS SETWEEN THESS REQUIREMENTS AND LAWS, RULES, OR REGULATIONS OF OTHER TEEPRAL, STATE, OR COUNTY AGENCIES, THE MORE RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY,

 2. ALL CONSTRUCTION THAFFIC MUST ENTEREXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.

 4. PRIOR TO ACTUAL CONSTRUCTION THE PERMITES SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.

- UTILITIES.

 5. A WATER SOURCE SHALL BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND MINO.

 16. THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY RIMG INC AND SHALL BE CONSIDERED A PART OF THESE PLANS.

 17. AT LEAST TEN DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB 1 CARE OR MORE, THE OWNER OR OPERATOR OF CONSTRUCTION ACTIVITY SHALL SUBMIT A PERNAT APPLICATION FOR STORM-WATER DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A STORM-WATER MANAGEMENT BY MANAGEMENT. APPLICATION CONTINUES CENTIFICATION OF COMPLETION OF A STORGAM THE MANAGEMENT OF PLAN (SWIMP), OF WHICH THIS GRADING AND EROSION CONTROL PLAN MAY BE A PART. FOR INFORMATION OR APPLICATION MATERIALS CONTACT: COPHE, 4300 CHERRY CREEK DR. S., DENVER, CO 80246-1630, PH: 303-623-624.

REVISION

FEC AUSTIN BLUFFS PARKWAY DE 102 E 102 DRADO SPRINGS, CO 80918 SUITE 1 COLOR PHONE



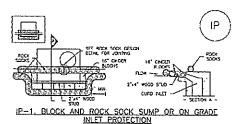
LLC le 10 to. 80903 Guman & Associates, LLC 731 N Weber St, Suite 10 LORADO SPRINGS, CO. 8 g

GLENEAGLE SUBDIVISION, FIL #2

DRAINAGE, GRADING & EROSION CONTROL DETAILS

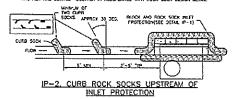
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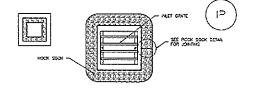
GLOCK AND CUTE SOOK PART PROTECTION INSTALLATION NOTES I SEE ROOK SCOK DESIGN DETYAL FOR INSTALLATION REQUIREMENTS

2. CONCRETE "CRIDER" BLOCKS SHILL BE LAD ON THEIR SIDES AROUND THE CREET IN A STREET ROW, ABUTTING ONE ANGERER WITH THE GREET FROM FIGURE WAS FROM THE CLASS A CHANGE BACS SHALL BE PLACED AROUND CONCRETE BLOCKS, GLOSELY ABUTTANG ONE MIGHER MIGH LOWING TEACHING IN ACCORDINGS WITH BOOK SOCK BESIGN DETAIL.



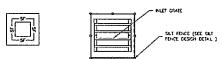
CUES POCK SOCK BRET PROJECTION INSTALLATION HORES

- SEE ROCK SCON DESIGN DETAIL INSTALLATION REQUIREMENTS.
- 2 PLACEMENT OF THE SOCK SHALL BE APPROXIMATELY 30 DEGREES THOM PERFECUENCIAN IN THE OPPOSITE ORDERING OF FLOW. 3. SOCKS ARE TO BE FLUSH WITH THE CURS AND SPACED A WHARAN OF 5 FEET APART.
- 4. AT LEAST TWO CURB SOCKS IN SERIES ARE REQUIRED UPSTREAM OF OUT-GRADE INLETS.



IP-3. ROCK SOCK SUMP/AREA INLET PROTECTION

BOTH SOTE SHEP/ASTA PILET PROTECTION BESTIELDED NOTES I STRAM WATTLES/SEDARUT CONTROL LOSS MAY BE USED IN PLACE OF ROCK SOCKS FOR PLACE OF PERIODS AREAS, HISTAIL PER SEDIMENT CONTROL LDG DETAIL.

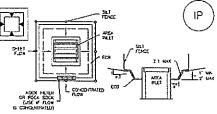


IP-4, SILT FENCE FOR SUMP INLET PROTECTION

THE PERSON WHEN PROTECTION WISTALABOR MOTES 1. SEE SUI FENCE DESCRI DETAIL FOR DISTALLATION REQUIREMENTS.

2. POSTS SHALL BE PLACED AT EACH COPILER OF THE PALET AND AROUND THE STICES.

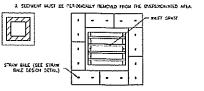
1. STRAM WATLES/SEDWENT CONTROL LOSS MAY BE USED IN PLACE OF S'LT FENCE FOR PLETS IN PERVOUS AREAS, HISTALL PER SEEDWENT CONTROL LOG CETAL



IP-5. OVEREXCAVATION INLET PROTECTION CATEGORATION PART PROTECTION INSTALLATION NOTES

I THIS FORM OF INLET PROTECTION IS PROMINED APPLICABLE FOR SHES THAT HAVE NOT SHOULD BE USED ONLY FOR PILETS WITH A PRIMITIVE SMALL CONTRIBUTION OF DEPARTMENT AND A PRIMITIVE SMALL CONTRIBUTION.

2 WHEN USING FOR CONTENTIAND FLOWS, SHAPE BASIN IN 2-1 HARD WITH LENGTH ORIENTED TOWARDS DIRECTOR OF FLOW

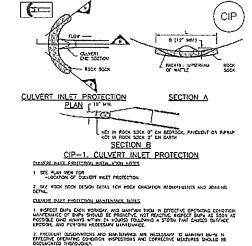


IP-6. STRAW BALE FOR SUMP INLET PROTECTION

STATE BUE BARRER CRET PROTECTION INSTRUMENCE NOTES I. SEE STRAW BALE DESCH DETAIL FOR PASTALLATION REQUIREMENTS 2. EALES SHALL BE FLACED AT A SHIGLT ROW AROUND THE WELL WITH ENGS OF BALES TO HEY ADJUTTIC ONE ANOTHER. Know what's below.

Call before you dig.

Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 August 2013 August 2013 Urban Dramage and Flood Control District Urban Stone Dramage Criteria Manual Volume Urban Dramage and Flood Control District Urban Storm Dramage Criteria Marsial Volume 3 August 2013 Inlet Protection (IP) SC-6 SC-6 Inlet Protection (IP)



3. WHERE RUP, MAYE FALLED, REPAIR OR REPLACEMENT SHOULD BE PATIFIED UPON DISCOVERY OF THE FALLES.

4 SEDIMENT ACCUMULATED UPSTREAM OF THE CURVERT SHALL BE REMOVED WHEN THE SEDIMENT OFFIRE IS IN THE HEIGHT OF THE ROCK SOCK. 5. CLEMENT TREET PROTECTION SHALL FEMAN IN PLACE CHIEF THE COSTREAM DISTURBED WITH TO PURPOSE OF THE LUCK. PROSECTION.

(SCHOOL ASPERS FROM RAPON, DRAPPED, HET ANNUALS HE METCHE) THE THAT SUBSCIENTS HAVE BUP DETAILS THAT WAT FROM USED ATMOURD DETAILS CONSULT WITH LOCAL SUBSCIENCES AS TO MAKE ROTAL SHOULD BE USED WHEN DETAIL SHOULD BE USED WHEN CONTRACTOR RESTORATION NOTES

I SEE PUNI VEW FOR:
-LOCATOR OF PACT PROTECTION:
-THE OF SHEET PROTECTION (P.1. P.2, P.3, P.4, P.5, P.6)

I WAY APPROXITIONS HAVE BUP DETAILS THAT WAY FROM LOFGO STANDARD DETAILS. CONSULT WITH LOCAL DUREDITIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DITTERFACES ARE VOSED.

WHEEL PROTECTION MANERANCE, SOIES

1 REPECT BUPS DACH WERTDAY, AND MARRIES THEM BY EFFICIENC GARANTAG COVERNESS
MARRIESINGE DE REAP SHOALD HE FRINCEINE, HOT REACHE RESPECT BUPS AS SOON AS
PROSEEL (AND ARRATS WHEN 24 HOURS) FOLDBURG A STORY HAST CAUSES SUBFACE
PROSEEL (AND PERFORM RECESSIVET MARRIESINGE.

2 FREQUENT OBSERVATIONS AND MAINTENANCE ARE RECESSARY TO MAINTAIN BURY IN CUTECTION CONTROL MERSECTIONS AND CORRECTION ELECTRICS SHOULD BE

I, WHITE BUT'S HAVE FARIES PREMA OR RETUREDURNE SHOULD BE BREWED UPON DISCOVERY OF THE FARIES.

A SER WHIT ACCUMULATE UPSTREAM OF BRET PROTECTION SHALL BE REMOVED AS NECESSARY TO NAMEDAM BUP EFFECTIVENESS, THROALLY WHEN STORAGE VOLUME REACHES CON CF CAPACITY, A EARTH OF 6" WHEN SAT TENCE IS USED, OR IS OF THE HESHI FOR STRAIN BALES.

5. ALET PROTECTION IS TO REMAIN BY PLACE WHILE THE UPSTREAM DISTURDED AREA IS REPAIRWHAT STREAMERS, QUEESS HE LOCAL AUGUSTOM APPROVES EARLIES REMOVAL OF OLLEF PROTECTION AS STREAMERS.

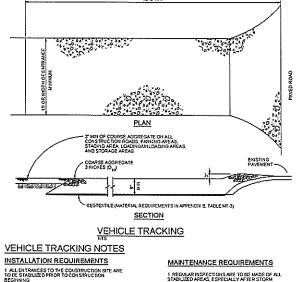
MEDI BRET PROTECTION AT APEX BRETS IS REMOVED, THE DISTURBED AREA SHALL BE COMPRED WITH TOP SCR., SEEDED AND MIRCHED, OR GENERALSE STABLISED IN A WANNER APPROVED BY THE LOCAL JURISCHOOL

BOSS, MANY RESIDENCIES HAVE BUY DETAILS THAT WAY FROM UDGED STANDARD DETAILS CHEMIST WITH LOCAL BESSERVING AS TO WHOM DETAIL SHOWLD BY USED WHEN CHEMISTON ARE WITH

HOTE SOME MUNICIPALITES COSCUMACE ON PROHEST THE USE OF STRUM EALES FOR MALET PROTECTION, CHECK WITH LOCAL ANACDICTION TO DETURNING IT STRUM QUE WALT

August 2013 IP-7 IP-8 Crown Dramage and Flood Control District Urban Drainage and Flood Control District Urban Storm Drainage Uniteria Manual Volume 3 August 2013 Urban Storm Drainage Unteria Manual Volume 3

INLET PROTECTION - NOT TO SCALE



1 REGULAR INSPECTIONS ARE TO BE MADE OF ALL STABILIZED AREAS, ESPECIALLY AFTER STORM EVENTS

2 STONES ARE TO BE REAPPLIED PERIODICALLY AND WHEN REPAIR IS NECESSARY 3. SECKMENT TRACKED ONTO PAVED ROADS IS TO BE REMOVED DAILY BY SHOVELING OR SWEEPING SEDMENT IS NOT TO SE WASHED COWN STORM SOMED DEADUR

4. STORM SEWER INLET PROTECTION IS TO BE IN PLACE, INSPECTED, AND CLEANED IF NECESSARY 5. OTHER ASSOCIATED SEDIMENT CONTROL MEASURES ARE TO BE INSPECTED TO ENSURE GOOD WORKING CONDITION

City of Colorado Springs Stormwater Quality

Figure VT-2 Vehicle Tracking

GENERAL NOTES

3 AREAS TO BE STABILIZED ARE TO BE PROPERLY GRADED AND COMPACTED PRIOR TO LAYING DOWN GEOTEXTILE AND STOKE

5 CONSTRUCTION ROADS ARE TO BE BUILT TO CONFORM TO BITE GRADES, BUT SHOULD NOT HAVE SIDE SLOPES OR ROAD GRADES THAT ARE EXCESSIVELY STEEP

2. Do not seed when wind exceeds 5 mch.

Perform seeding only after preceding work affecting ground surface is completed,

4. Do not mulch over seeded areas when wind exceeds 15 mph.

5. Seed all disturbed areas. i. Seed to be a blend of native prarie grasses.

7. Watering shall be provided in the form of watering trucks and spray bars.

MULCH MATERIALS 1, HAY OR STRAY MULCH

A) Chopped of oats, wheat or rye grass hay.

Free from naxious weed seeds.

 Rotted, brittle or moked hay is not acceptable
 50% by weight greater than 10" inch length, 2. F19ER

Short wood fiber.
 Conwed", "Silver Fiber" or equivalent.

BED PREPARATION

1. Prepare to a minimum depth of 4" with disc harros or chiseling tools.

2. Uproot all compatitive vegetation.

3. Work soil uniformly to a smooth surface free of clods, stones over 2"

5. Do not till when soil moisture is unautable

A) Soil texture after tillage shall be uniform, free of wel

compressed or dry lumps,

6. Do not prepare seed bed more than twenty four hours in advance of seeding 7. Fertilize at a rate of fifty (2) los, nitrogen per 1,000 st.

A) Till fertilizer into soil a minimum of two (2) inches

Species Western Wheat Grass Sidecats Grama Siender Wheat Grass Little Bluestam Switch Grass

EROSION CONTROL PLAN NOTES

1. All disturbed areas are to be reseeded.

2. Schedule of Grading - approximate time frame of one month to complete grating and installation of erosion control measures,

 Temporary Sediment Barriers shall be kept in place and maintained until the vegetation has been reestablished. Removal of sediment is required once it reaches half the height of the sediment control log.

Know what's below. Call before you dig. PROJ NO. 03524 DWG NM. 03524-Dev-Fil2

> LLC e 10 D. 809 Guman & Associates, LLC 731 N Weber St, Suite 1C LORADO SPRINGS, CO. 8

> > GLENEAGLE SUBDIVISION, FIL #2

GRADING (I CONTROL DRAINAGE, (EROSION (DETA

DRAWING NUMBER:



SHEET 5

APPENDIX C

Inspection Checklist

Appendix C

EXTENDED DETENTION BASIN (EDB) INSPECTION FORM

division/Business Name:		
bdivision/Business Address:		
eather:		
Date of Last Rainfall:	Amount:	inches
Property Classification: Residential Multi Family ircle One)	Commercial Other:	
Reason for Inspection: Routine Corircle One)	nplaint After Significa	nt Rainfall Event
INSPECTION SCORING - For each facility inspection item, 0 = No deficiencies identified 1 = Monitor (potential for future problem) N/A = Not applicable	2 = Routine maintenance require 3 =Immediate repair necessary	ed
FEATURES 1.) Inflow Points Riprap DisplacedErosion Present/Outfall UndercutSediment AccumulationStructural Damage (pipe, end-section, etc.)Woody Growth/Weeds Present	Concrete Crack	r Clogged (not draining
3.) Trickle Channel (Low-flow) Sediment/Debris Accumulation Concrete/Riprap Damage Woody Growth/Weeds Present Erosion Outside Channel	Woody Growth Bank Erosion	ris Accumulation nWeeds Present gae Treatment
5.) Outlet Works Trash Rack/Well Screen Clogged Structural Damage (concrete, steel, subgrade) Orifice Plate(s) Missing/Not Secure Manhole Access (cover, steps, etc.) Woody Growth/Weeds Present	6.) Emergency Spil Riprap Displace Erosion Prese Woody Growt Obstruction/D	ced ent h/Weeds Present
7.) Upper Stage (Dry Storage) Vegetation Sparse Woody Growth/Undesirable Vegetation Standing Water/Boggy Areas Sediment Accumulation Erosion (banks and bottom) Trash/Debris Maintenance Access	8.) MiscellaneousEncroachmeeGraffiti/VandaPublic HazarBurrowing At	ds
Inspection Summary / Additional Comments:		THE SECOND STREET
OVERALL FACILITY RATING (Circle One)		
0 = No Deficiencies Identified 1 = Monitor (potential for future problem exists)	2 = Routine Maintenance 3 = Immediate Repair Ne	•

request.

Markup Summary

Steve Kuehster (3)

VR-18-018

Subject: text box Page Label: 1

Author: Steve Kuehster Date: 1/29/2019 9:01:27 AM

Color:

Subject: text box Page Label: 1

Author: Steve Kuehster Date: 1/29/2019 9:02:37 AM

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Revise plan sheets per comments made on both the Drainage Report and the Grading and Erosion

Control Plan.

VR-18-018

ired clearing shall be performed for the placement saring shall commerce only after the performed formed control devices must be in place to reduce the operant form drainage system. Protection devices shall be p ate areas, as indicated on the plan drawing that is is Revise start date.

ion date: January 1, 2019 to September 1, 2019

GLENEAGLE GOLF COURSE RESIDENTIAL INFILL DEVELOPMENT FILING NO. 2

stabilization will be completed: October 1, 2019

Subject: text box Page Label: 5

Author: Steve Kuehster Date: 1/29/2019 9:04:39 AM

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Revise start date.