

VICINITY MAP
NOT TO SCALE

BIG "O" TIRES

6985 N. MERIDIAN ROAD, PEYTON, CO 80831

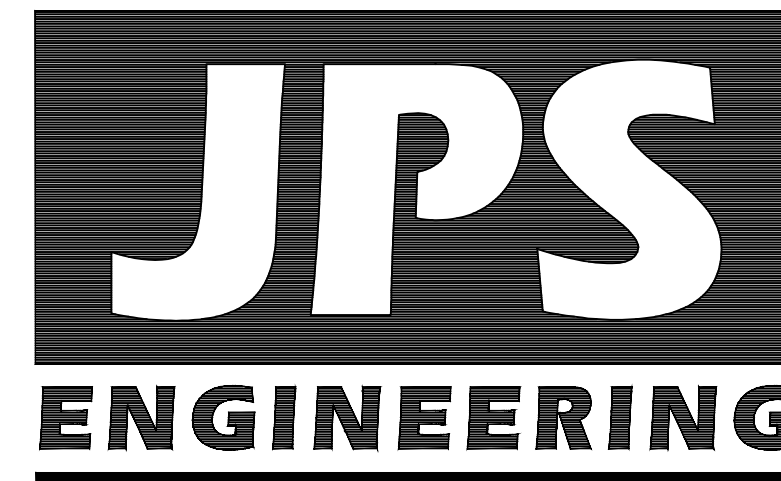
GRADING AND EROSION CONTROL PLANS

El Paso County, Colorado

PREPARED FOR:

MR. DAVID LARGENT
6485 ALIBI CIRCLE
COLORADO SPRINGS, CO 80923

PREPARED BY:



19 East Willamette Avenue
Colorado Springs, Colorado 80903
APRIL 2018

AGENCIES/CONTACTS

DEVELOPER:	MR. DAVID LARGENT 6485 ALIBI CIRCLE COLORADO SPRINGS, CO 80923	GAS DEPARTMENT:	BLACK HILLS ENERGY MR. SEBASTIAN SCHWENDER (719) 359-3176
CIVIL ENGINEER:	JPS ENGINEERING, INC. 19 E. WILLAMETTE AVENUE COLORADO SPRINGS, CO 80903 MR. JOHN P. SCHWAB, P.E. (719) 477-9429	ELECTRIC DEPARTMENT:	MOUNTAIN VIEW ELECTRIC ASSOCIATION 11140 E. WOODMEN ROAD COLORADO SPRINGS, CO 80908 MR. DAVE WALDNER (719) 495-2283
LOCAL ROADS & DRAINAGE:	EL PASO COUNTY PCD 2880 INTERNATIONAL CIRCLE COLORADO SPRINGS, CO 80910 MR. JEFF RICE, P.E. (719) 520-7877	TELEPHONE COMPANY:	QWEST COMMUNICATIONS (LOCATORS) (800) 922-1987 A.T. & T. (LOCATORS) (719) 635-3674
		FIRE DEPARTMENT:	FALCON FIRE PROTECTION DISTRICT (719) 495-4050

SHEET INDEX	
G1	TITLE SHEET
C1.1	SITE GRADING & EROSION CONTROL PLAN
C2	CIVIL NOTES AND DETAILS
C3	CIVIL NOTES AND DETAILS

DESIGN ENGINEER'S STATEMENT:

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR LIABILITY CAUSED BY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

JOHN P. SCHWAB, P.E. #29891 _____ DATE _____

OWNER/DEVELOPER'S STATEMENT:

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

MR. DAVID LARGENT _____ DATE _____
6485 ALIBI CIRCLE
COLORADO SPRINGS, CO 80923

EL PASO COUNTY:

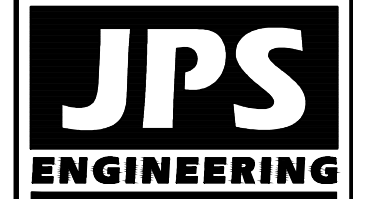
COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL, AND ENGINEERING CRITERIA MANUAL AS AMENDED.

IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION.

JENNIFER IRVINE, P.E., _____ DATE _____
COUNTY ENGINEER / ECM ADMINISTRATOR

PCD PROJECT NO. SF-18-003



19 E. Willamette Ave.
Colorado Springs, CO
80903
PH: 719-477-9429
FAX: 719-471-0766
www.jpsegr.com



CALL UTILITY NOTIFICATION
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1-800-922-1987
CALL BEFORE YOU DIG, GRADE, OR EXCAVATE
FOR THE MARKING OF UNDERGROUND
MEMBER UTILITIES.

BIG "O" TIRES
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NO.	REVISION	DATE	BY
1	COUNTY SUBMITTAL	1/18/18	JPS
2	COUNTY COMMENTS	4/18/18	JPS

TITLE SHEET

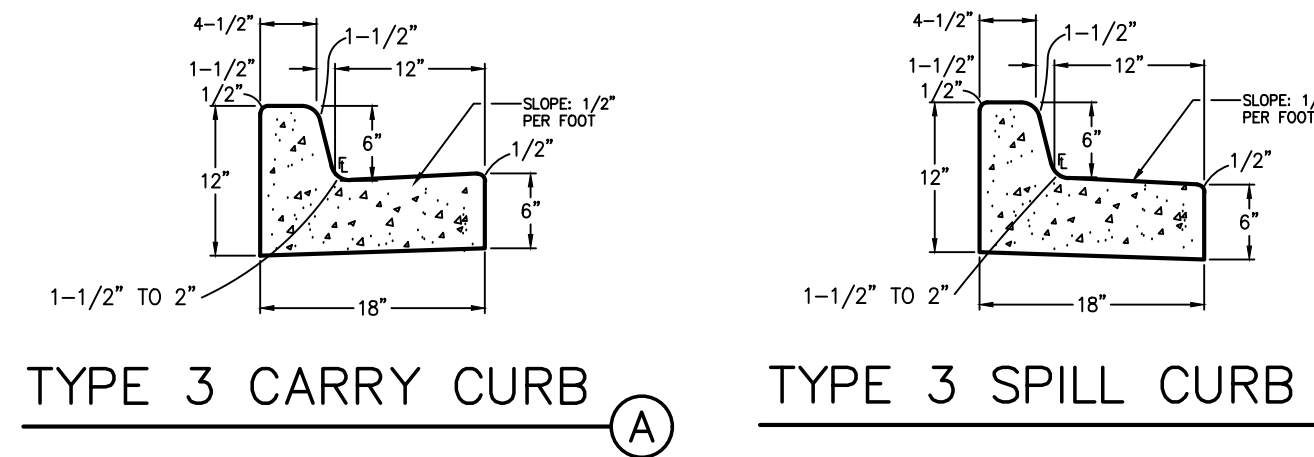
HORZ. SCALE: 1"=20'	DRAWN: MSP
VERT. SCALE: N/A	DESIGNED: JPS
SURVEYED: RIDGELINE	CHECKED: JPS
CREATED: 11/19/17	LAST MODIFIED: 4/18/18
PROJECT NO: 091701	MODIFIED BY: MSP

SHEET: **G1**

BENCHMARK:
NO. 5 REBAR WITH YELLOW PLASTIC
CAP PLS 30130 ELEV. 6821.02 NGVD29

EROSION CONTROL LEGEND: LEGEND:

- (VTC) VEHICLE TRACKING CONTROL PAD
 - (SF) SILT FENCE
 - (SM) SEED & MULCH
 - (CWA) CONCRETE WASHOUT AREA (TO BE COMPLETELY CONTAINED & REMOVED UPON COMPLETION OF PROJECT)
 - (IP) INLET PROTECTION
 - (RR) RIPRAP APRON (10'Lx5'Wx2'D W/d₅₀=12" RR UNLESS NOTED OTHERWISE)
 - (EDB) EXTENDED DETENTION BASIN
 - (SB) TEMPORARY SEDIMENT BASIN
- PROPOSED PROPERTY LINE
 - - - EXISTING CONTOURS
 - - - PROPOSED CONTOURS
 - x 31.5 EXISTING SPOT ELEVATIONS
 - x 31.5 PROPOSED SPOT ELEVATIONS
 - - - PROPOSED GRADES
 - DS → ROOF DRAIN DOWNSPOUTS W/SPLASH BLOCKS (COORDINATE W/ ARCHITECTURAL PLANS)



KEYED NOTES:

- 1 TOPSOIL STRIPPING / STOCKPILE AREA
- 2 SITE PAVEMENT (PER GEOTECHNICAL REPORT); MIN. 4" FULL-DEPTH ASPHALT
- 3 PREPARE & COMPACT BUILDING FOUNDATION & SLABS PER PROJECT GEOTECHNICAL REPORT
- 4 CONTRACTOR MAY WASTE EXCESS CUT MATERIAL IN THIS AREA; MATCH INTO EXISTING GRADES. MAINTAIN 3:1 SLOPES

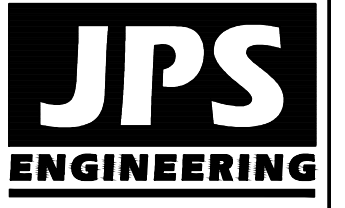
HANDICAP ACCESS NOTES:

1. RAMPS ARE NOT TO BE PLACED IN HANDICAP ACCESS AISLES.
2. ACCESS AISLES MAY NOT EXCEED A 2% (1:48) SLOPE IN ANY DIRECTION.
3. HANDICAP RAMPS MAY NOT EXCEED A SLOPE OF 8% (1:12).
4. THE MINIMUM WIDTH FOR HANDICAPPED RAMPS IS 36 INCHES. THE SIDES OF RAMPS MAY NOT EXCEED A SLOPE OF 10% UNLESS PROTECTED WITH A HANDRAIL.
5. HANDICAPPED PARKING SHALL MEET ALL OTHER APPLICABLE CITY AND ADA CODE REQUIREMENTS.

ESTIMATED EARTHWORK QUANTITY:

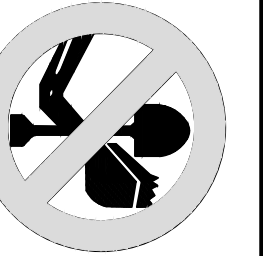
UNCLASSIFIED EXCAVATION (TOTAL CUT) = 1,164 CY
 * EMBANKMENT FILL = 363 CY
 NET (CUT) = 801 CY
 * (ASSUMES 15% COMPACTION FACTOR)

NOTE: THIS ESTIMATE IS PROVIDED FOR INFORMATION ONLY, REPRESENTING THE CALCULATED BULK EARTHWORK VOLUME TO FINISHED GRADE, EXCLUDING ANY ADJUSTMENT FOR PAVEMENT DEPTHS, ETC. CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF EARTHWORK QUANTITIES AS BASIS FOR BID PRICING AND NOTIFY ENGINEER OF ANY DISCREPANCIES.



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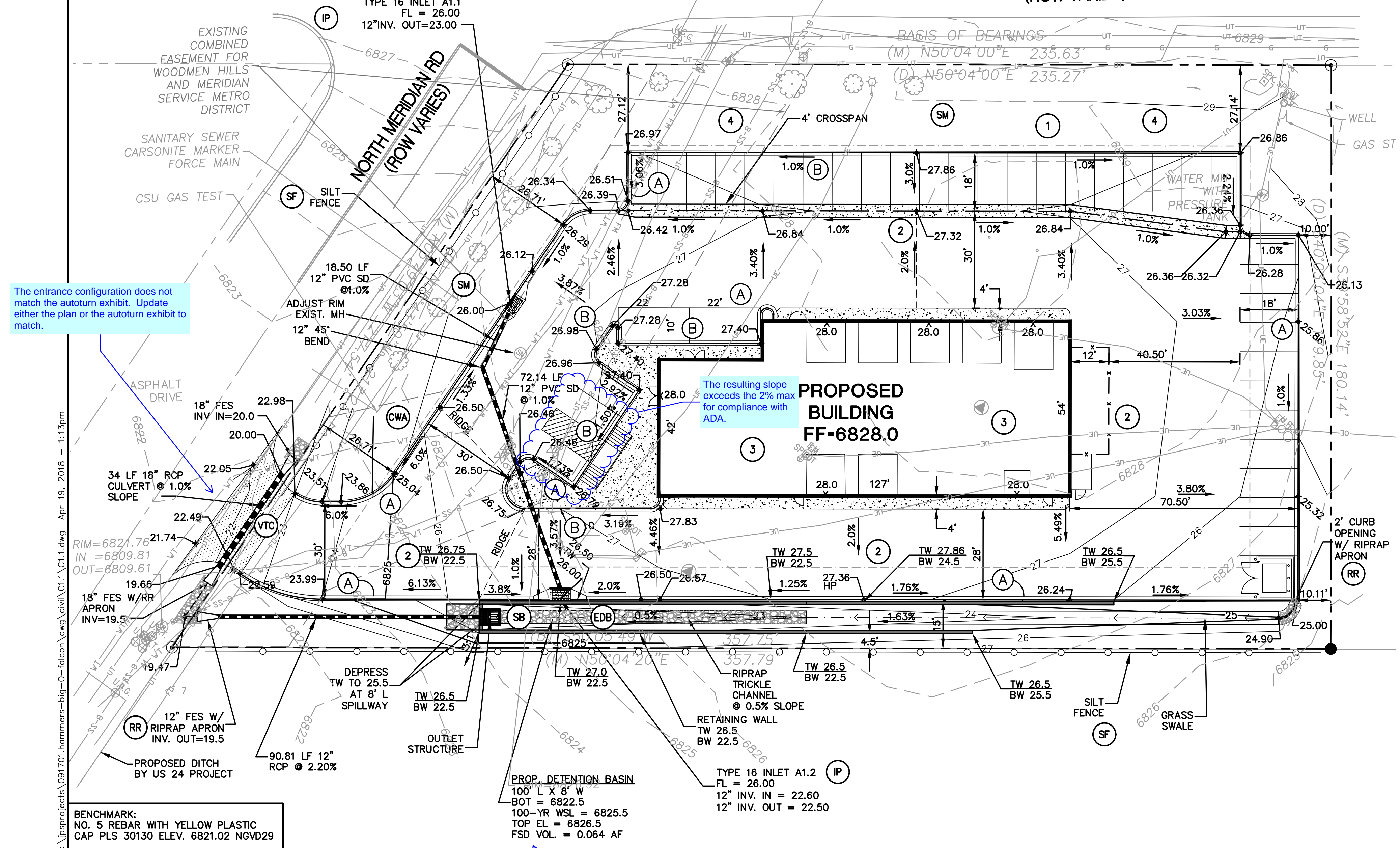
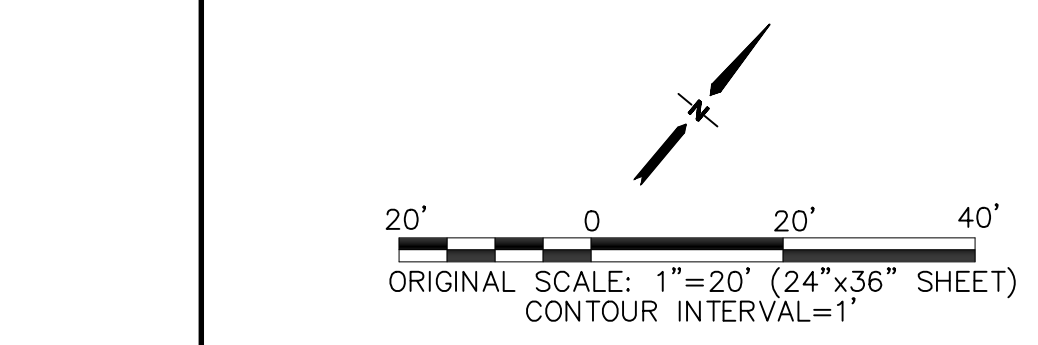


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SHEET: C1.1	



The entrance configuration does not match the autotum exhibit. Update either the plan or the autotum exhibit to match.

The resulting slope exceeds the 2% max for compliance with ADA.

Design volume is less than the required 100yr volume for FSD = 0.18 ac-ft. Revise the pond design accordingly. FYI: This may result in additional comments.

BENCHMARK:
 NO. 5 REBAR WITH YELLOW PLASTIC CAP PLS 30130 ELEV. 6821.02 NGVD29

J:\projects\091701\hommers-big-O-falcon.dwg Civil\1\NCT1.dwg Apr 19, 2018 - 1:13pm

STANDARD NOTES FOR EL PASO COUNTY GRADING AND EROSION CONTROL PLANS:

- Construction may not commence until a Construction Permit is obtained from Planning and Community Development (PCD) and a Preconstruction Conference is held with PCD Inspectors.
- 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 to regulations and standards must be requested, and approved, in writing.
- A separate Stormwater Management Plan (SWMP) for this project shall be completed and an Erosion and Stormwater Quality Control Permit (ESQCP) issued prior to commencing construction. During construction the SWMP is the responsibility of the designated Stormwater Manager, shall be located on site at all times and shall be kept up to date with work progress and changes in the field.
- Once the ESQCP has been issued, the contractor may install the initial stage erosion and sediment control BMPs as indicated on the 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 PCD inspections staff.
- Soil erosion control measures for all slopes, channels, ditches, or any disturbed land area shall be completed within 21 calendar days after final grading, or final earth disturbance, has been completed. Disturbed areas and stockpiles which are not at final grade but will remain dormant for longer than 30 days shall also be mulched within 21 days after interim grading. An area that is going to remain in an interim state for more than 60 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.
- Temporary soil erosion control facilities shall be removed and earth disturbance areas graded and stabilized with permanent soil erosion control measures pursuant to standards and specification prescribed in the DCM Volume II and the Engineering Criteria Manual (ECM) appendix I.
- 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 (DCM) Volume II and in accordance with the Stormwater Management Plan (SWMP).
- All temporary erosion control facilities including BMPs and all permanent facilities intended to control erosion of any earth disturbance operations, shall be installed as defined in the approved plans, the SWMP and the DCM Volume II and maintained throughout the duration of the earth disturbance operation.
- Any earth disturbance shall be conducted in such a manner so as to effectively reduce 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.
- Any temporary or permanent facility designed and constructed for the conveyance of stormwater around, through, or from the earth disturbance area shall be designed to limit the discharge to a non-erosive velocity.
- Concrete wash water shall be contained and disposed of in accordance with the SWMP. No wash water shall be discharged to or allowed to runoff to State Waters, including any surface or subsurface storm drainage system or facilities.
- Erosion control blanketing is to be used on slopes steeper than 3:1.
- Building, construction, excavation, or other 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. BMP's may be required by El Paso County Engineering if deemed necessary, based on specific conditions and circumstances.
- Vehicle tracking of soils and construction debris off-site shall be minimized. Materials tracked offsite shall be cleaned up and properly disposed of immediately.
- 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.
- The owner, site developer, contractor, and/or their authorized agents shall be responsible for the removal of all construction debris, dirt, trash, rock, sediment, and sand that may accumulate in the storm sewer or other drainage conveyance system and stormwater appearances as a result of site development.
- 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.
- No chemicals are to be used by the contractor, which have the potential to be released in stormwater unless permission for the use of a specific chemical is granted in writing by the ECM Administrator. In granting the use of such chemicals, special conditions and monitoring may be required.
- 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 system or facilities.
- No person shall cause the impediment of stormwater flow in the flow line of the curb and gutter or in the ditchline.
- Individuals 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 included in the DCM Volume II and the ECM Appendix I. All appropriate permits must be obtained by the contractor prior to construction (NPDES, Floodplain, 404, fugitive dust, etc.). In the event of conflicts between these requirements and laws, rules, or regulations of other Federal, State, or County agencies, the more restrictive laws, rules, or regulations shall apply.
- All construction traffic must enter/exit the site at approved construction access points.
- Prior to actual construction the permittee shall verify the location of existing utilities.
- A water source shall be available on site during earthwork operations and utilized as required to minimize dust from earthwork equipment and wind.
- The soils report for this site shall be considered a part of these plans.
- At least ten days prior to the anticipated start of construction, for projects that will disturb 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

Review note 26: The soils report for this site has been prepared by _____ and shall be considered a part of these plans.

GENERAL CIVIL NOTES:

- All construction shall meet the following standards & specifications:
 - 2009 International Building Code
 - Plikes Peak Regional Building Code, latest edition.
 - El Paso County Engineering Criteria Manual (ECM), latest edition.
 - Project Geotechnical Report.
- The contractor shall be responsible for the notification and field location of all existing utilities, whether shown on the plans or not, before beginning construction. Location of existing utilities shall be verified by the contractor prior to actual construction.
- The contractor shall have one (1) signed copy of these approved plans and one (1) copy of the appropriate design and construction standards and specifications at the job site at all times:
 - El Paso County Engineering Criteria Manual.
- Storm drain pipe shall be rcp class iii with class c bedding unless otherwise noted.
- Stationing is at centerline unless otherwise noted. All elevations are at flowline unless otherwise noted. All dimensions are from face of curb unless otherwise noted. Lengths shown for storm sewer pipes are to center of manhole.
- Contractor shall coordinate with gas, electric, telephone and cable t.v. Utility suppliers for installation of all utilities. Minimum cover for all dry utilities shall be 36".
- Contractor shall remove and dispose of all existing structures, debris, waste and other unsuitable fill material found within the limits of excavation.
- Match into existing grades at 3:1 max cut and fill slopes.
- Revegetation of all disturbed areas shall be done with 4" topsoil and dry land grass seed after fine grading is complete ("foothills seed mix").
- Erosion control shall consist of silt fence and hay bales as shown on the drawing, and topsoil with grass seed, which will be watered until vegetation has been re-established.
- The erosion control measures outlined on this plan are the responsibility of the contractor to monitor and replace, regrade, and rebuild as necessary until vegetation is re-established.
- Contractor shall implement best management practices in a manner that will protect adjacent properties and public facilities from the adverse effects of erosion and sedimentation as a result of construction and earthwork activities within the project site.
- Additional erosion control measures may be required as determined by site conditions.
- The contractor will take the necessary precautions to protect existing utilities from damage due to this operation. Any damage to the utilities will be repaired at the contractor's expense, and any service disruption will be settled by the contractor.
- All backfill, sub-base, and/or base course material shall be compacted per the project geotechnical report and County specifications.
- Concrete used in curb and gutter, sidewalk, and crosspan construction shall meet County criteria.
- All finished grades shall have a minimum 1.0% slope to provide positive drainage.
- Contractor shall obtain all required permits prior to beginning work.

ESTIMATED TIME SCHEDULE:

INSTALL BMP'S MAY, 2018
SITE GRADING MAY, 2018
SEEDING & MULCHING AUGUST, 2018
STABILIZATION AUGUST, 2019
TOTAL DISTURBED AREA: 1.2 ACRES
RECEIVING WATERS: FALCON BASIN

EXISTING VEGETATION:

NATIVE GRASSES (APPROXIMATELY 70 PERCENT COVERAGE)

SEEDING MIX:

GRASS	VARIETY	AMOUNT IN PLS LBS PER ACRE
CRESTED WHEAT GRASS	EPHRAIM OR HYCREST	4.0 LBS.
PERENNIAL RYE	LINN	2.0 LBS.
WESTERN WHEATGRASS	SARTON	3.0 LBS.
SMOOTH BROME GRASS	LINCOLN OR MANCHAR	2.5 LBS.
SIDEOATS GRAMA	EPHRAIM	2.5 LBS.
TOTAL:		16.5 LBS.

SEEDING & FERTILIZER APPLICATION: DRILL SEED OR HYDRO-SEED PER CDOT SPEC. SECTION 212.

MULCHING APPLICATION: CONFORM TO CDOT SPEC-SECTION 213.

SEDIMENT CONTROL MAINTENANCE PROGRAM:

PERIODIC SITE INSPECTIONS BI-WEEKLY
RE-VEGETATION OF EXPOSED SOILS WITHIN 21 DAYS OF GRADING
SEDIMENT REMOVAL FROM BMP'S MONTHLY
REMOVAL OF BMP'S AFTER STABILIZATION ACHIEVED

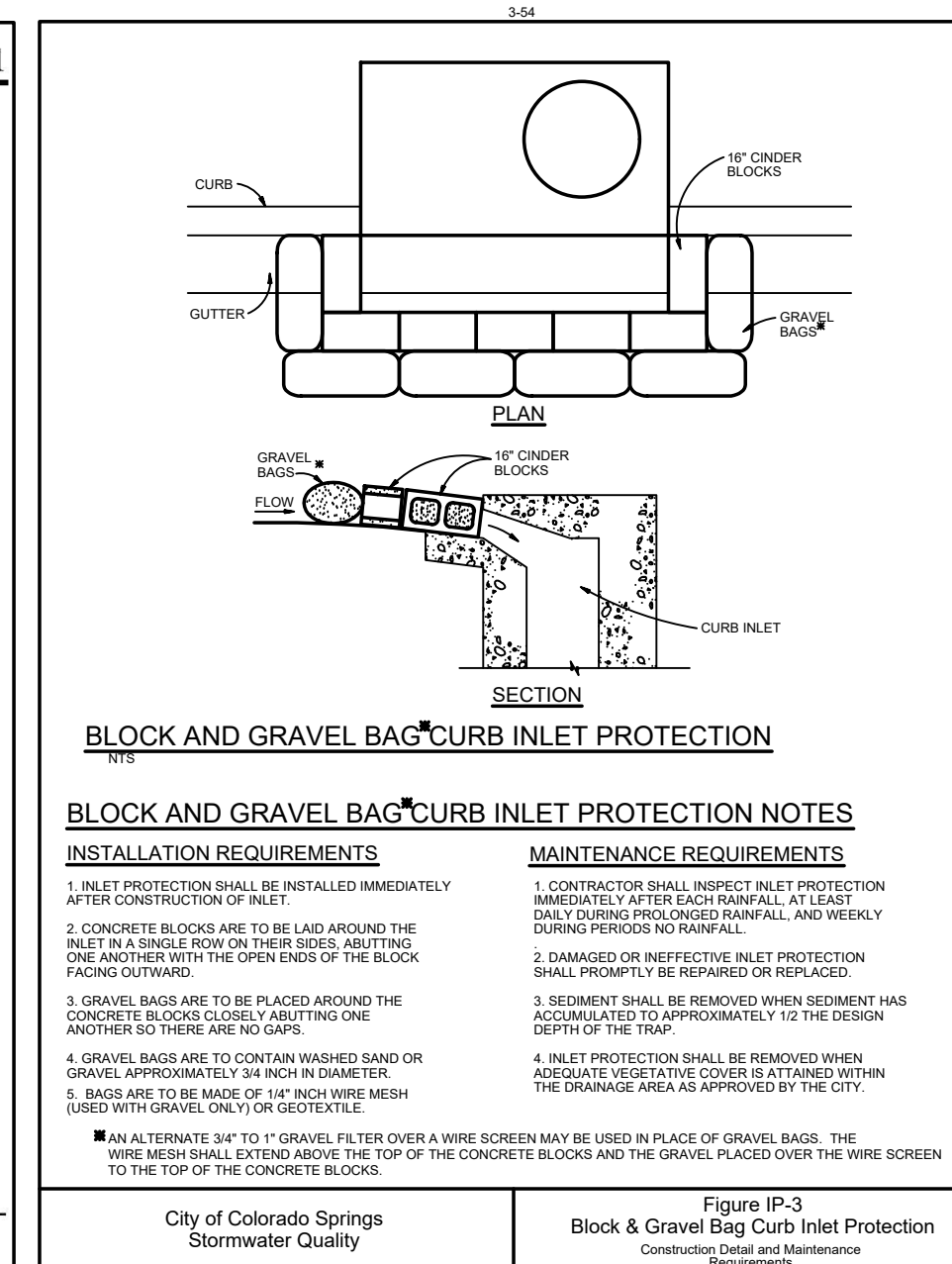
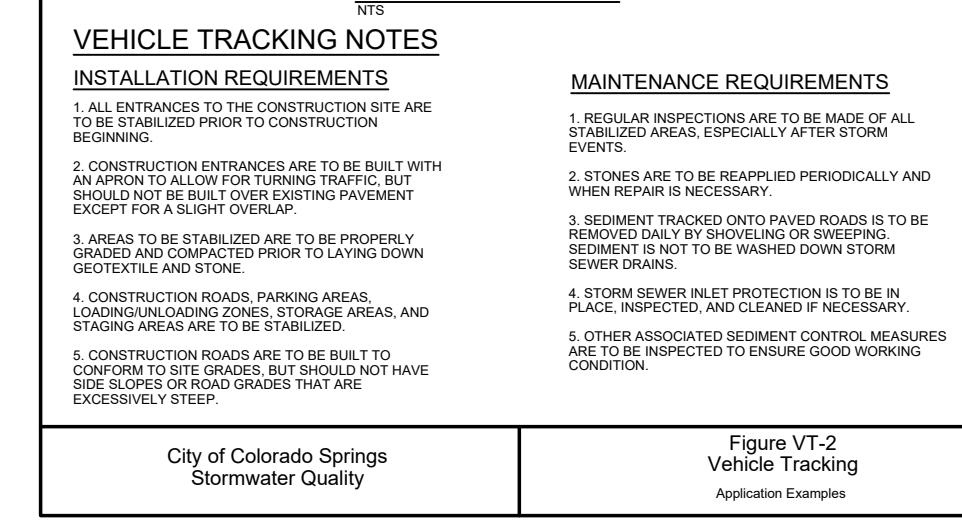
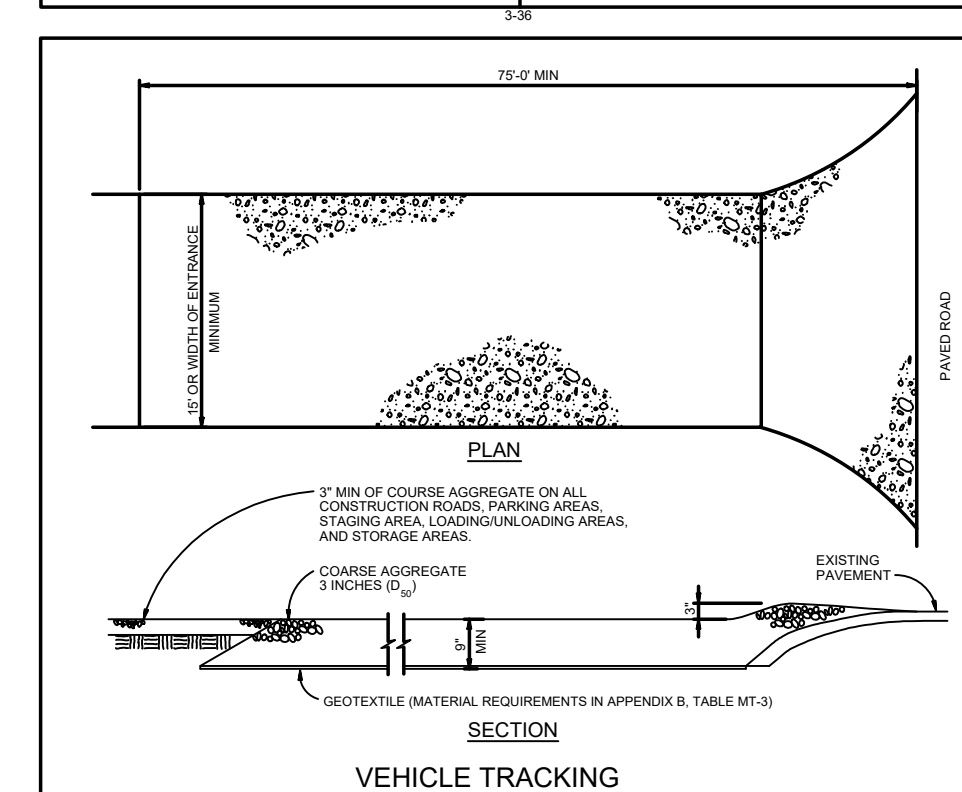
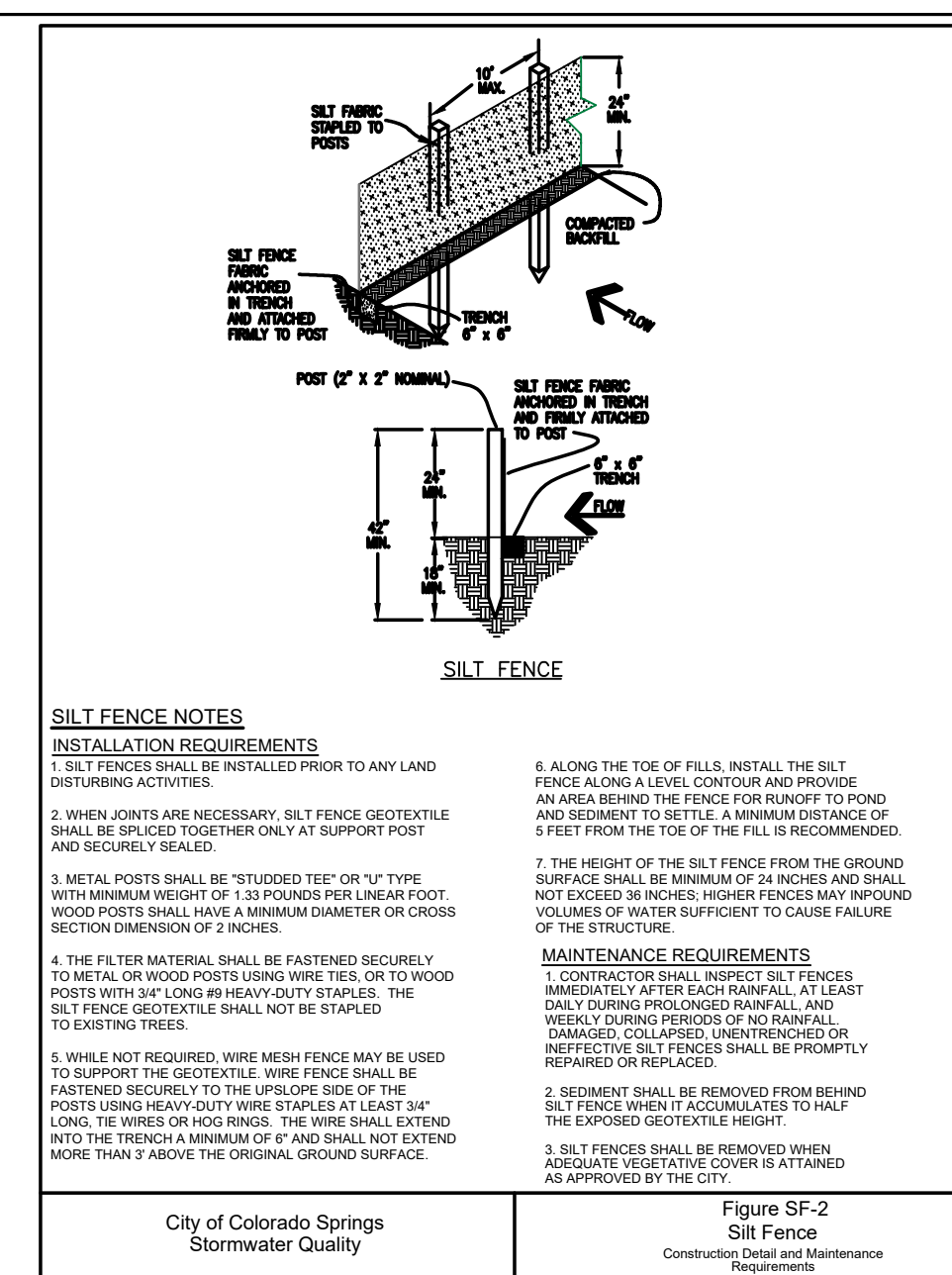
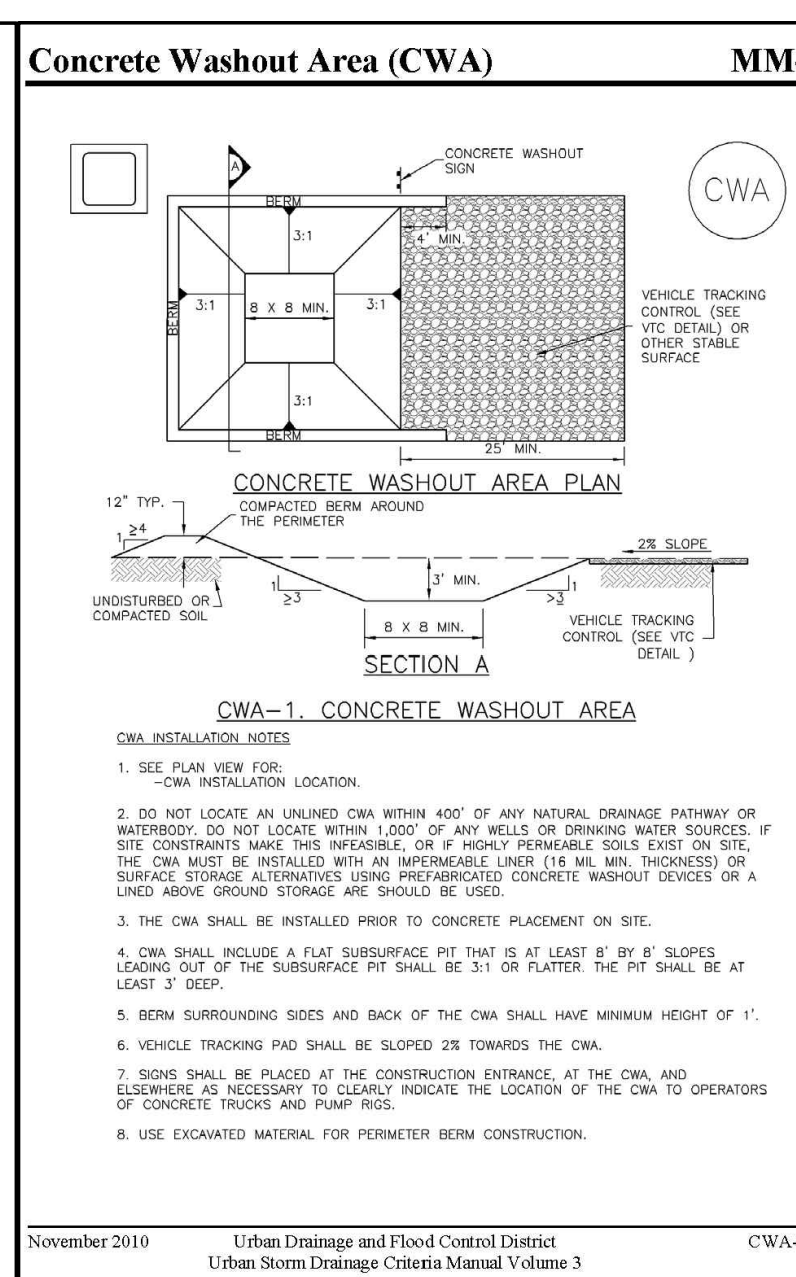
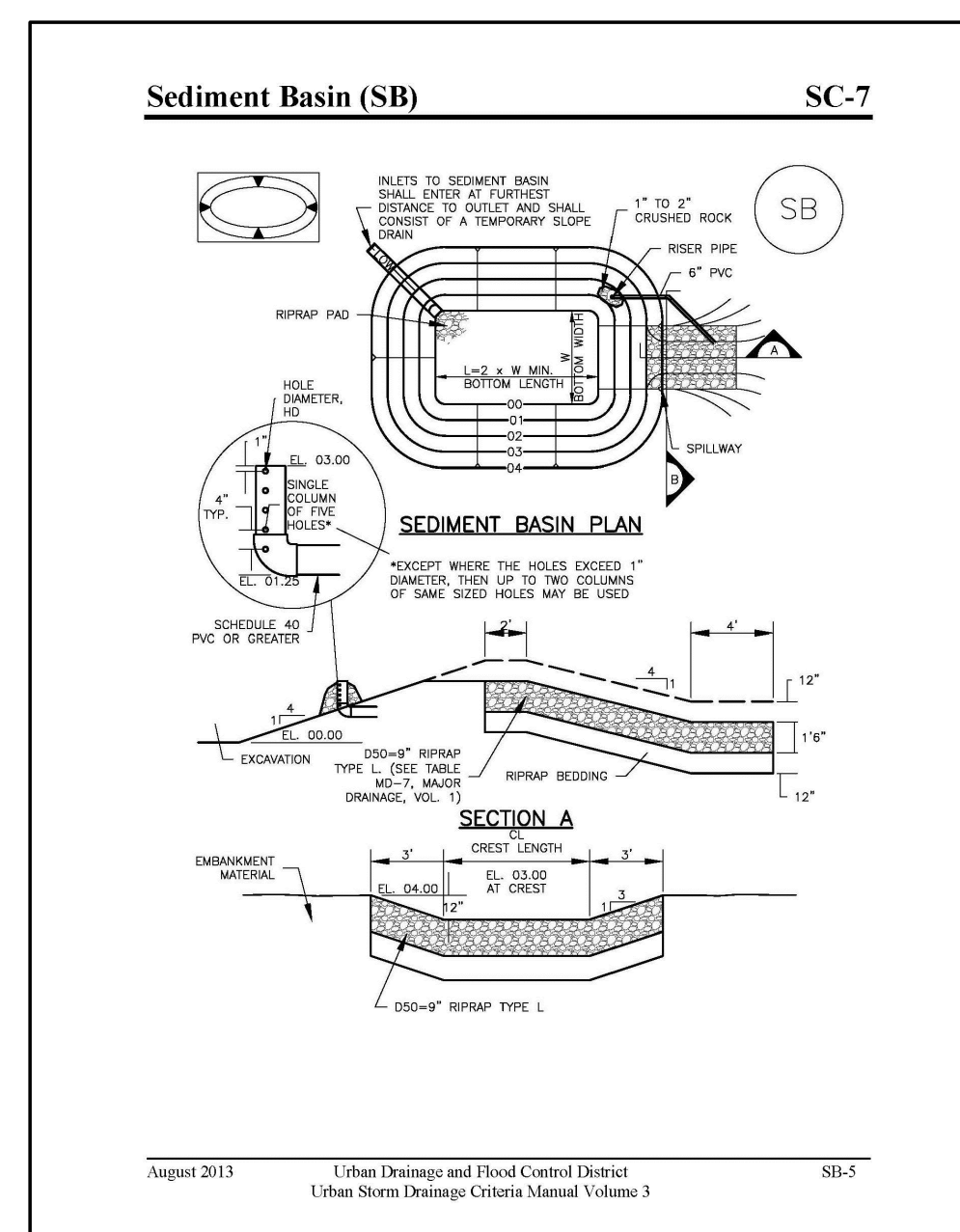
FREQUENCY

BI-WEEKLY WITHIN 21 DAYS OF GRADING MONTHLY AFTER STABILIZATION ACHIEVED

- AND AFTER ANY PRECIPITATION OR SNOW MELT EVENT THAT CAUSES SURFACE EROSION.
- ACCUMULATED SEDIMENT AND DEBRIS SHALL BE REMOVED WHEN THE SEDIMENT LEVEL REACHES ONE HALF THE HEIGHT OF THE BMP OR AT ANY TIME THAT SEDIMENT OR DEBRIS ADVERSELY IMPACTS THE FUNCTION OF THE BMP.

SEDIMENT BASIN DESIGN DATA

Basin	Drainage Area (AC)	W (FT)	CL (FT)	HD (IN)
A1	1.2	12.5	2	9/32



JPS ENGINEERING

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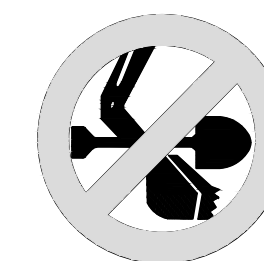
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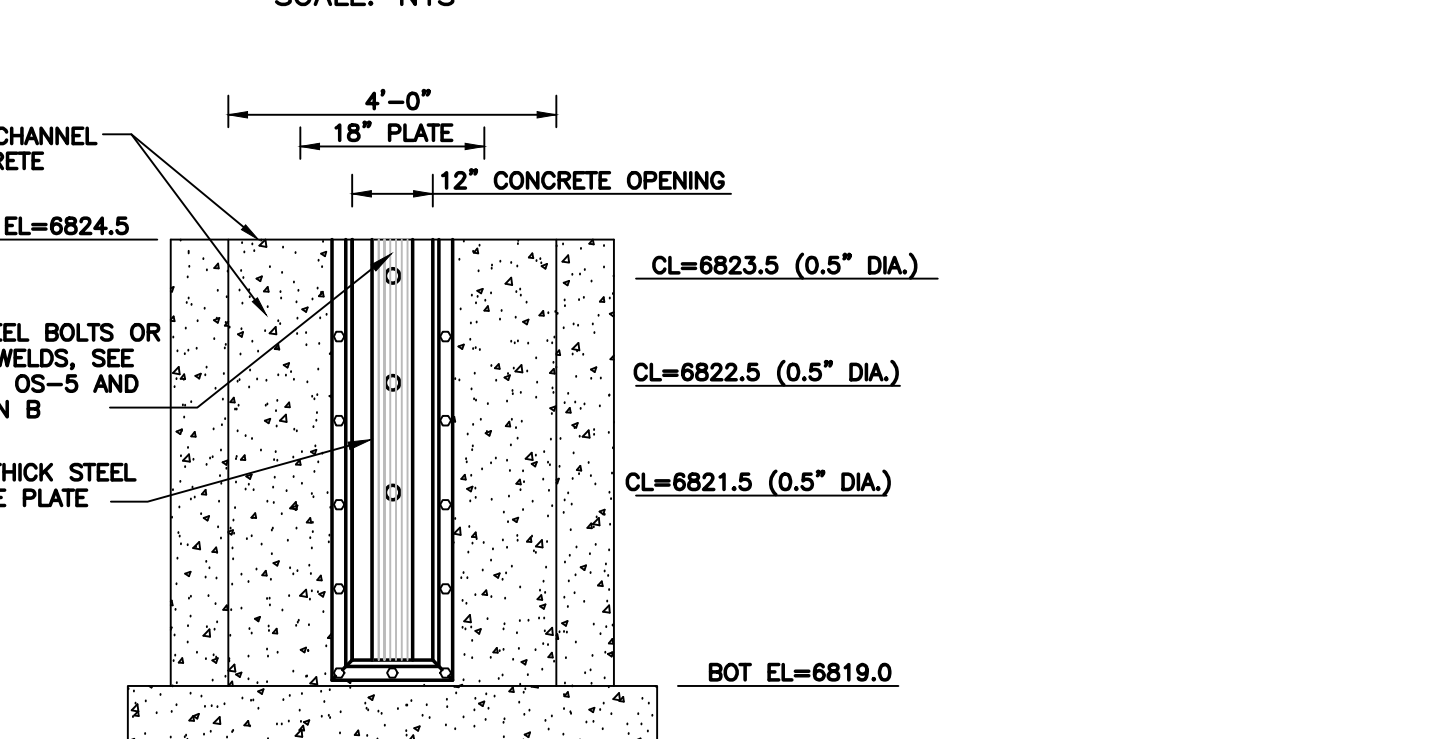
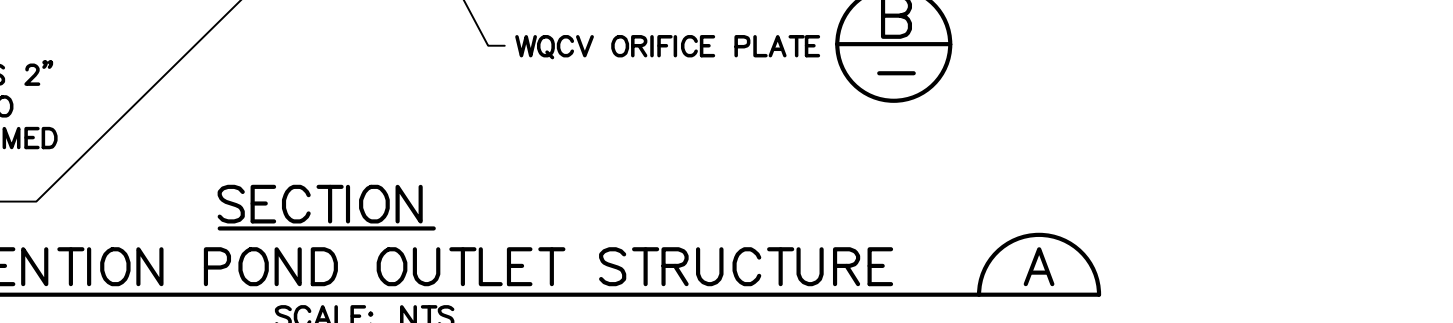
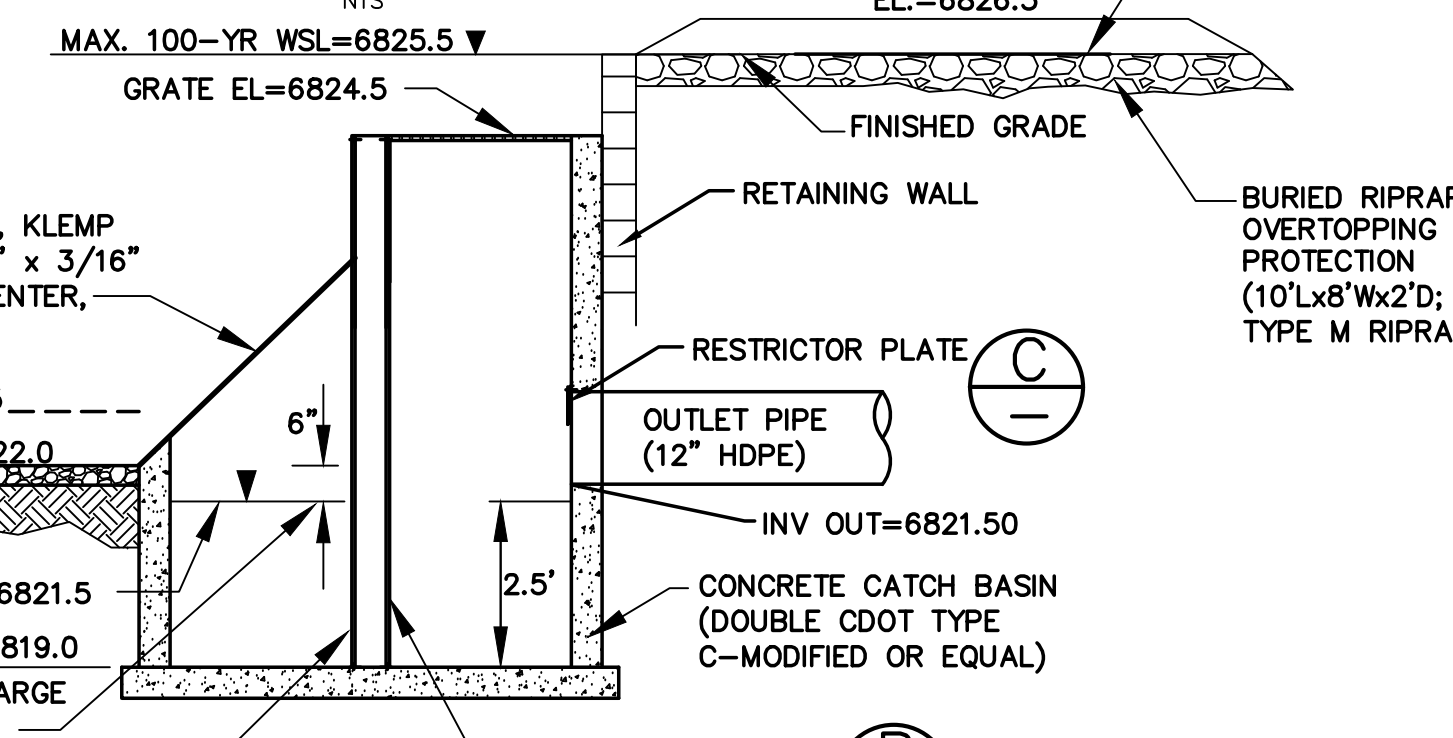
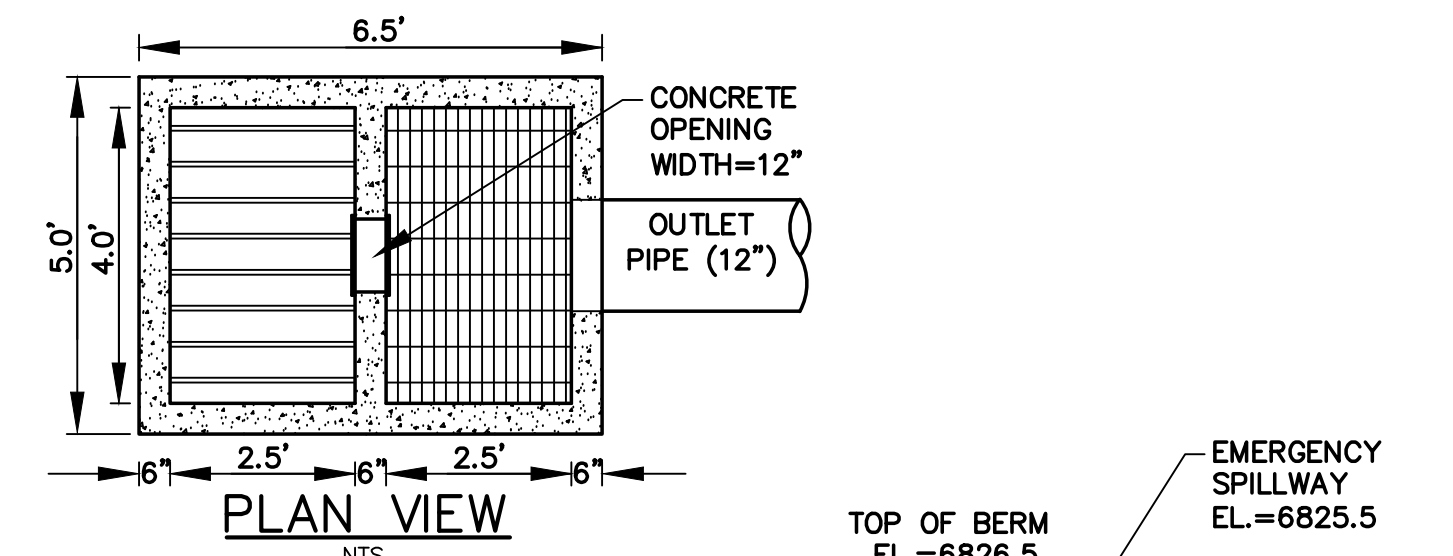
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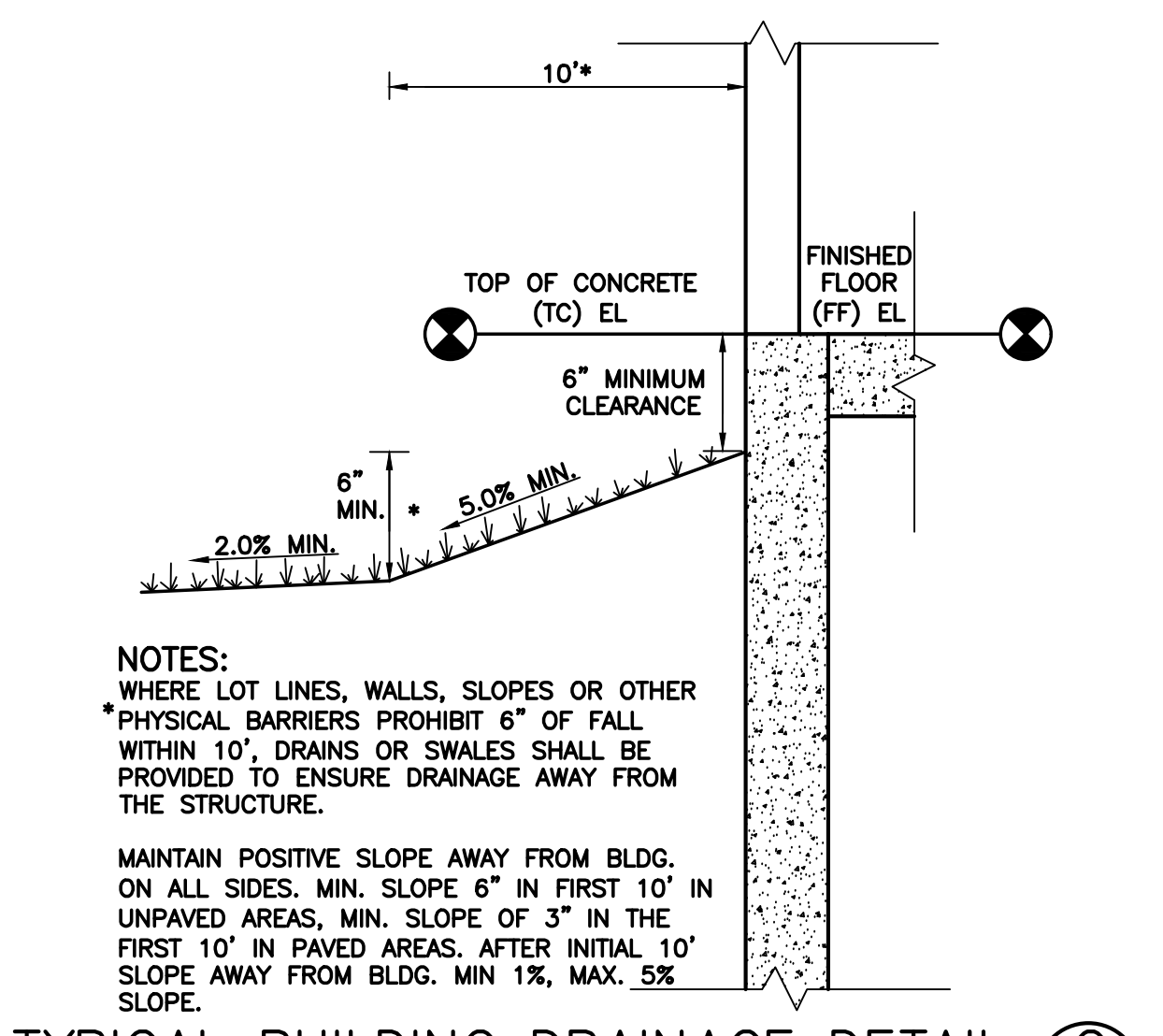
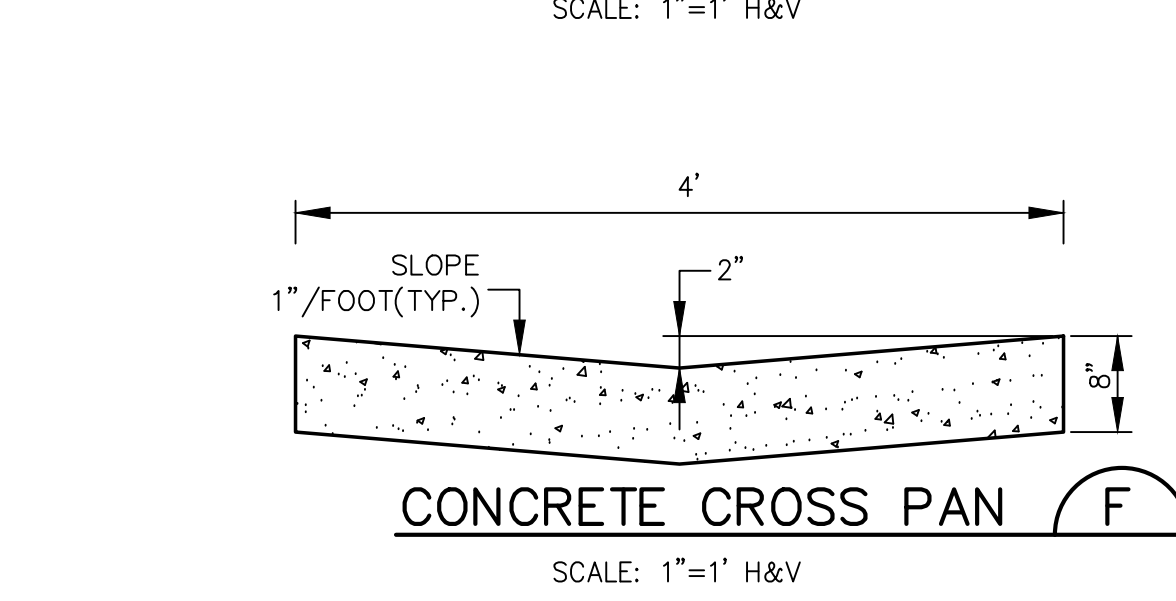
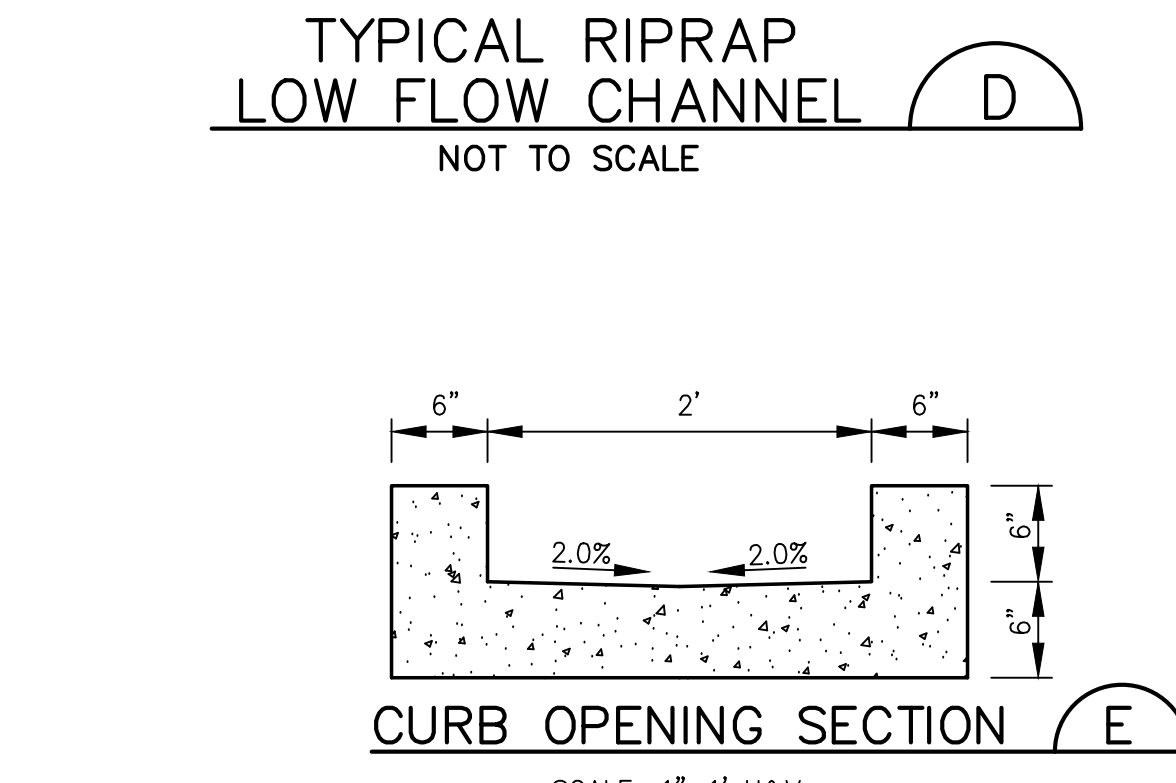
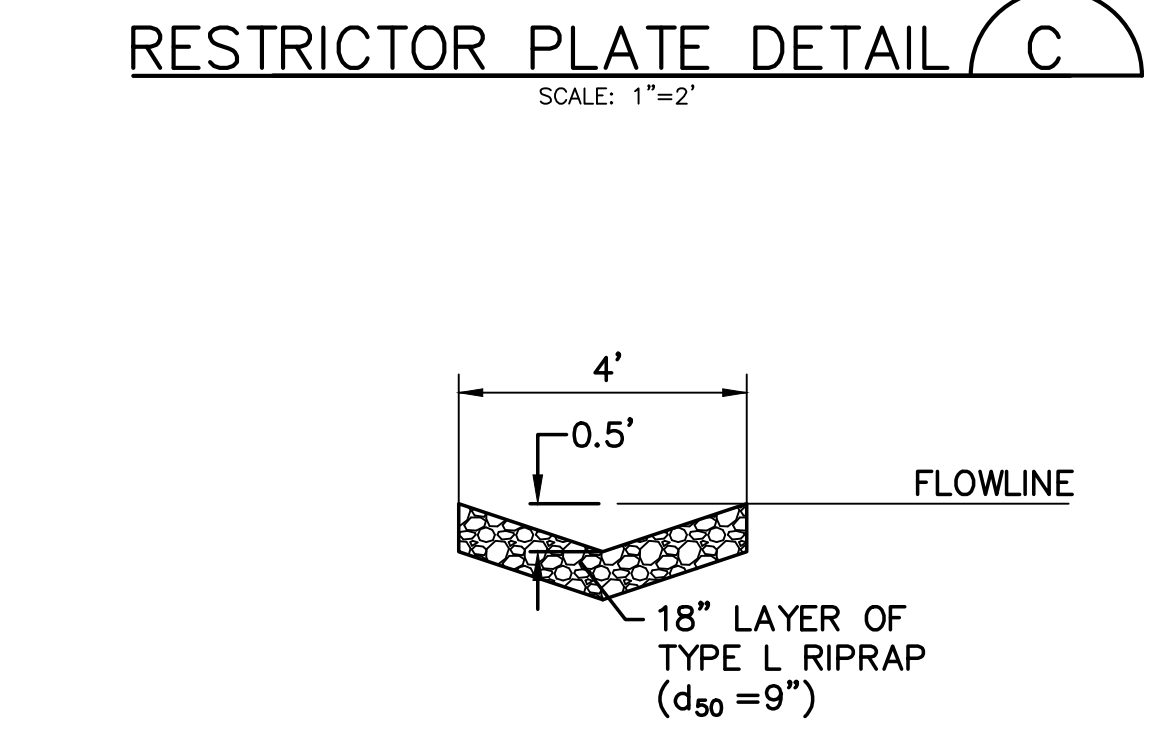
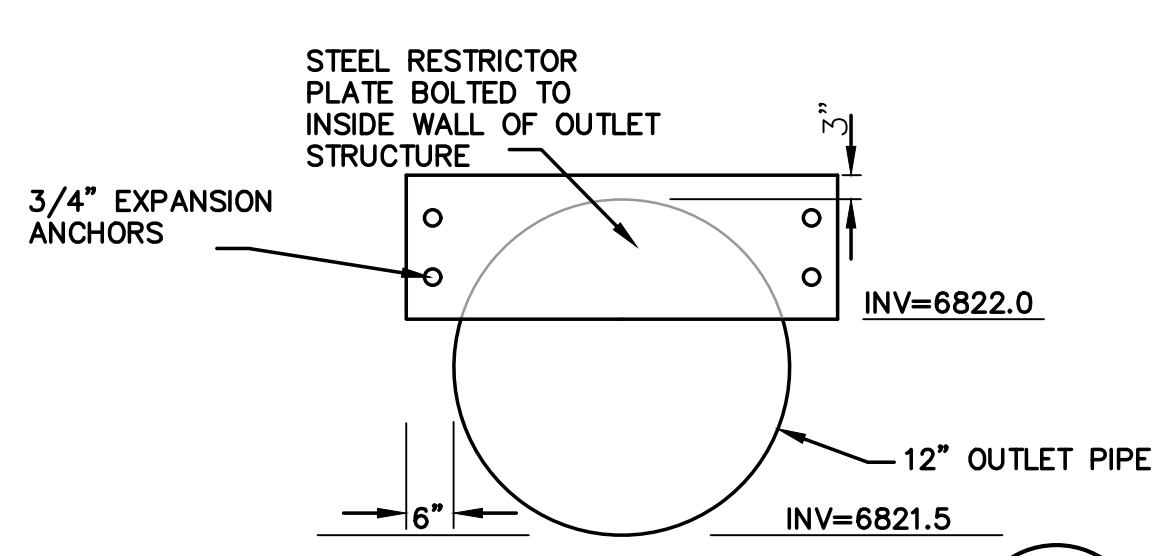
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SHEET: C3

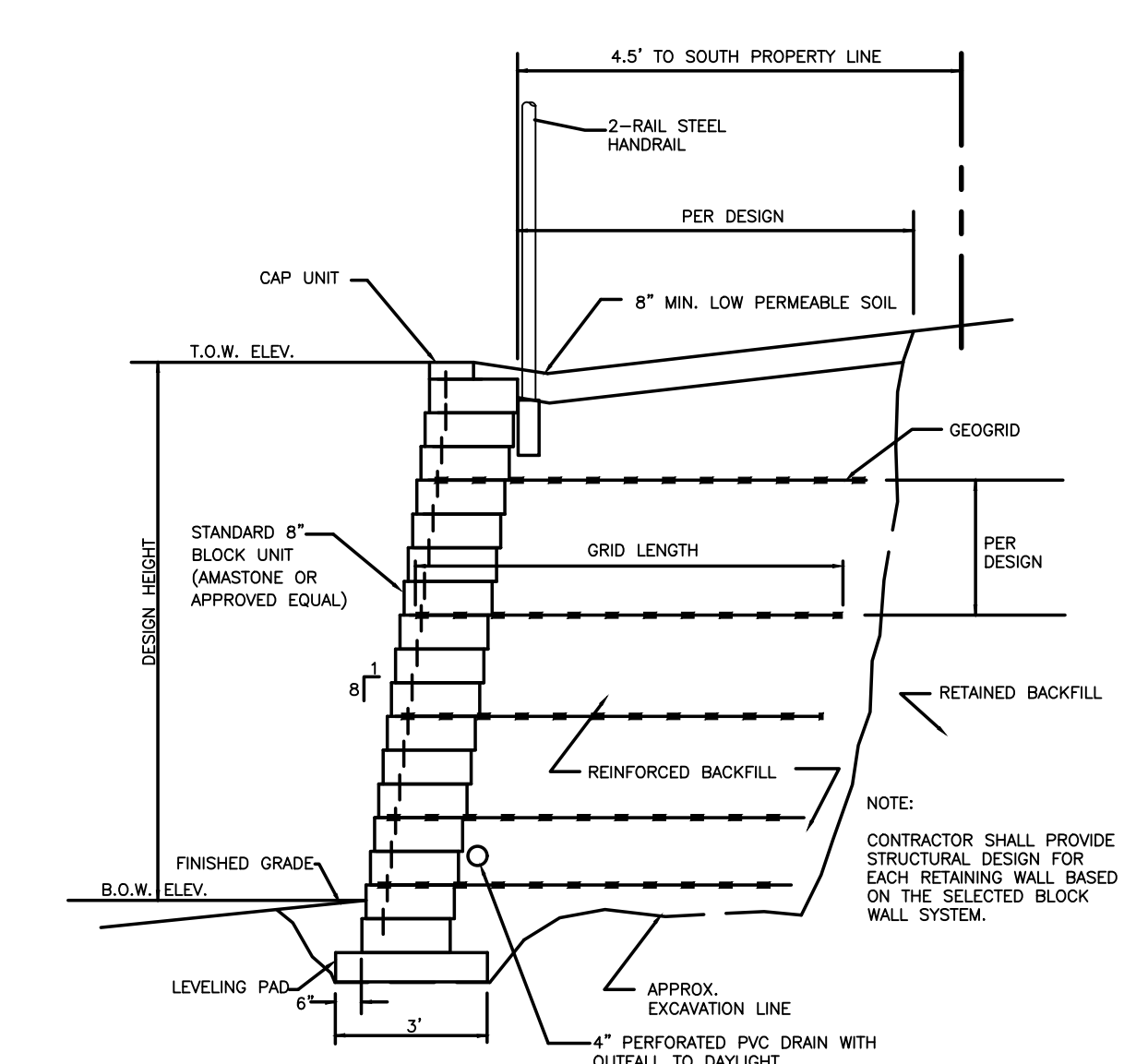


- ORIFICE PLATE NOTES:**
- MINIMIZE THE NUMBER OF COLUMNS.
 - PROVIDE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE.
 - BOLT PLATE TO CONCRETE 12" MAX. ON CENTER.
- EURY AND WQCV TRASH RACKS:**
- WELL-SCREEN TRASH RACKS (FOR CIRCULAR ORIFICES) SHALL BE STAINLESS STEEL AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.
 - STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.
- OVERFLOW TRASH RACKS:**
- ALL TRASH RACKS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH HINGED AND LOCKABLE OR BOLTABLE ACCESS PANELS.
 - TRASH RACKS SHALL BE STAINLESS STEEL, ALUMINUM, OR STEEL. STEEL TRASH RACKS SHALL BE HOT DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.
 - TRASH RACKS SHALL BE DESIGNED SUCH THAT THE DIAGONAL DIMENSION OF EACH OPENING IS SMALLER THAN THE DIAMETER OF THE OUTLET PIPE.
 - STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO HEAD DOWNSTREAM OF THE RACK.

ORIFICE PLATE AND TRASH RACK DETAILS AND NOTES (B)
NTS

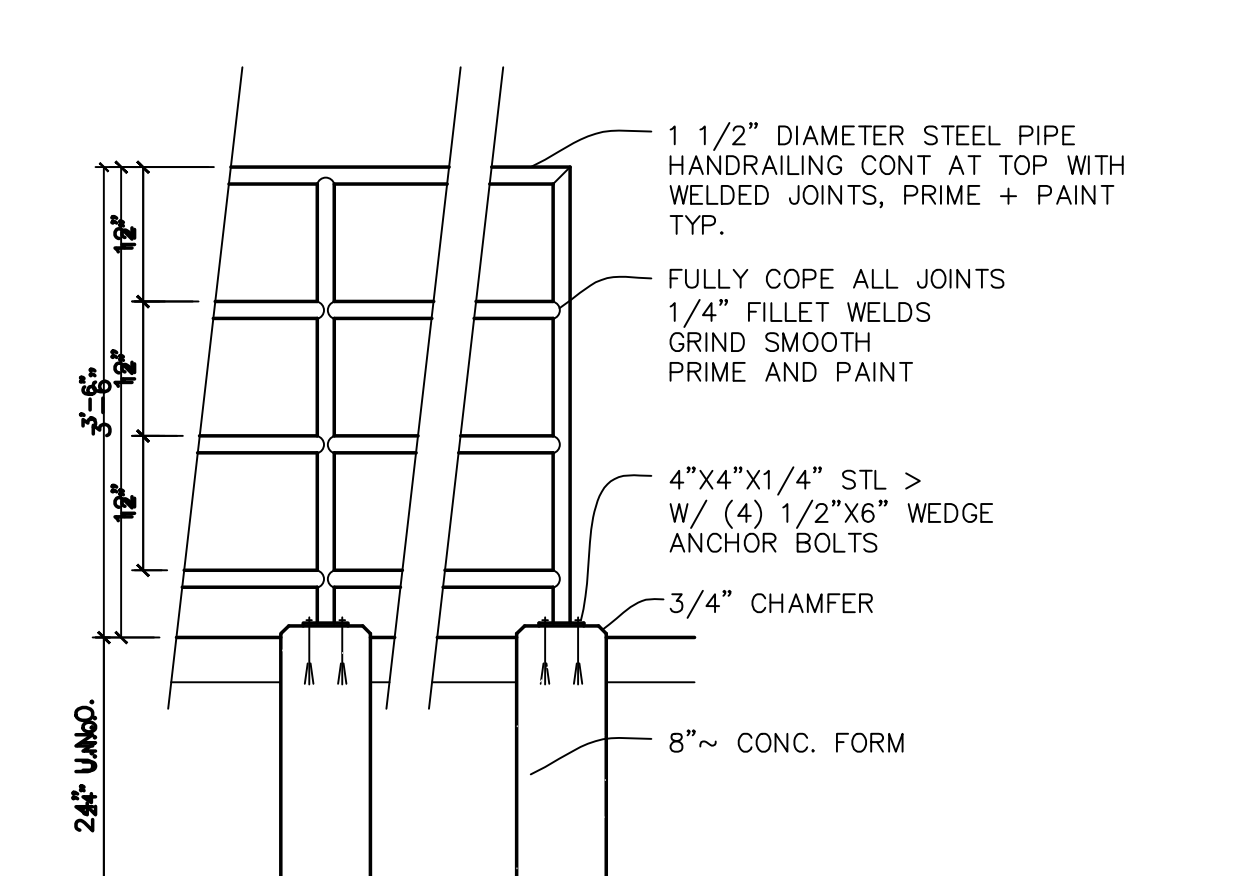


TYPICAL BUILDING DRAINAGE DETAIL (G)
SCALE: NTS



SEGMENTAL BLOCK RETAINING WALL DETAIL (H)
SCALE: NTS

NOTE: RETAINING WALL STRUCTURAL DESIGN SHALL BE BASED ON AVAILABLE GEO GRID DISTANCE TO PROPERTY LINE; SPECIAL DETAILS SHALL BE PROVIDED WHERE STORM INLET BOX IS LOCATED BEHIND WALL.



HANDRAIL DETAIL (I)
SCALE: NTS

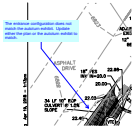
PCD PROJECT NO. SF-18-003

Identify the bar grate width and spacing

J:\projects\091701\hammers-big-o-tires-bldg\civil\c3.dwg Apr. 19, 2018 11:47am

Markup Summary

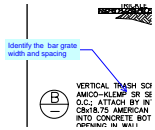
5/8/2018 7:20:06 AM (1)



Subject: Callout
Page Label: 2
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Author: dsdlaforce
Date: 5/8/2018 7:20:06 AM
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The entrance configuration does not match the autoturn exhibit. Update either the plan or the autoturn exhibit to match.

5/8/2018 11:57:46 AM (1)



Subject: Callout
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Date: 5/8/2018 11:57:46 AM
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Identify the bar grate width and spacing

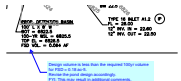
5/8/2018 1:22:00 PM (1)



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The resulting slope exceeds the 2% max for compliance with ADA.

5/8/2018 1:00:33 PM (1)



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Date: 5/8/2018 1:00:33 PM
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Design volume is less than the required 100yr volume for FSD = 0.18 ac-ft.
Revise the pond design accordingly.
FYI: This may result in additional comments.

5/7/2018 4:56:58 PM (1)



Subject: Callout
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Author: dsdlaforce
Date: 5/7/2018 4:56:58 PM
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Revise note 26: The soils report for this site has been prepared by _____ and shall be considered a part of these plans.

BLACK HILLS ENERGY
MR. SEBASTIAN SCHWENDE
(719) 309-3176
ENT: MOUNTAIN VIEW ELECTRIC ASSOCIATION
11140 E. WOODMEN ROAD
COLORADO SPRINGS, CO 80908
MR. DAVID WALKER
(719) 499-2283
MR. CHEST COMMUNICATIONS
LOCATIONS (800) 922-1987

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MOUNTAIN VIEW ELECTRIC ASSOCIATION



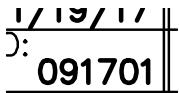
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IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION DOCUMENTS FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION.



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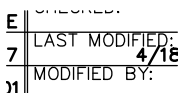
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2880 INTERNATIONAL
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(719) 520-7877

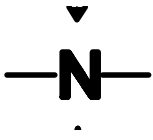
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(LOCATORS) (719) 635-3674
FALCON FIRE PROTECTION DISTRICT
(719) 495-4050

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495-4050



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FRASO COUNTY, COLORADO
PREPARED FOR
MR. DAVID LARGENT
6055 ALBI CIRCLE
COLORADO SPRINGS, CO 80923
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THE RELEVANT ADOPTED EL PASO COUNTY LAND DEVELOPMENT CODE, THE ENGINEER DRAINAGE CRITERIA MANUAL, AND THE CITY VOLUME 2. ANY DEVIATIONS FROM REGD BE REQUESTED AND APPROVED IN WRITING.
BENCHMARK:
NO. 5 REBAR WITH YELLOW PLASTIC CAP PLS 30130 ELEV. 6821.02 NGVD29

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19 21st Wilmotia Avenue
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Colorado Springs, CO
80903
PH: 719-477-9429
FAX: 719-471-0766
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A.T. & T.
(LOCATORS) (719) 635-3674
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BLACK HILLS ENER
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MOUNTAIN VIEW ELE
11140 E. WOODMEN

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AGENCIES/CONTACTS

DEVELOPER: MR. DAVID LARGENT
6485 14th CIRCL
COLORADO SPRINGS,

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BIG "O" TIRES
SEE A. T. & T. MAPS FOR LOCATION OF TIRE
ROADS AND EROSION CONTROL PLAN
El Paso County, Colorado
MR. DAVID LARGENT
4000 1/2 MILE
COLUMBIA SPRING, CO

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11140 E. WOODMEN
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MR. DAVE WALDNER
(719) 495-2283

QWEST COMMUNICATI
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READ A SIGNIFICANT MESSAGE, PEYTON, CO 80831
READING AND EROSION CONTROL PLANE
El Paso County, Colorado
FOR PLANNING PURPOSES

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BIG "O" TIRES 6985 N. MERIDIAN ROAD,
PEYTON, CO 80831

CO 80831
CALL UTILITY NOTIFICATION
CENTER OF COLORADO
1-800-372-1927
FOR THE STATE OF COLORADO
FOR THE USE OF UTILITIES
AND PUBLIC

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CIVIL ENGINEER:

BLACK HILLS ENERGY
MR. SEBASTIAN SCHWENDER
(719) 359-3176
MOUNTAIN VIEW ELECTRIC ASSC
11140 E. WOODMEN ROAD
COLORADO SPRINGS, CO 80906
MR. DAVE WALDNER
(719) 495-2283

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11140 E. WOODMEN ROAD

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6985 N. MERIDIAN ROAD, PEYTON, CO 80831

J.P. SCHWAB, P.E.
COLORADO SPRINGS, CO 80903
MR. JOHN F. SCHWAB, P.E.
(719) 477-9429
EL PASO COUNTY PCD
2880 INTERNATIONAL CIRCLE
COLORADO SPRINGS, CO 80910
MR. JEFF RICE, P.E.
(719) 520-7877

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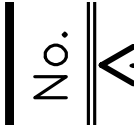
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COLORADO SPRINGS, CO 80903
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LAND EROSION CONTROL
Paso County, Colorado

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8406 ALBI CIRCLE
COLORADO SPRINGS, CO 80923

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CONTACTS

MR. DAVID LARGENT
6485 ALIBI CIRCLE
COLORADO SPRINGS, CO 80923

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19 E. WILLAMETTE AVENUE
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SHEET INDEX
1 TITLE SHEET
2 SITE GRADING & EROSION CONTROL PLAN
3 CIVIL NOTES AND DETAILS
4 CIVIL NOTES AND DETAILS

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(719) 359-3176
T: MOUNTAIN VIEW ELECTRIC

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CO 80831
CALL UTILITY NOTIFICATION
800-922-198
CALL 24 HOURS IN ADVANCE
FOR THE NUMBER OF UNDERGROUND
UTILITY LOCATIONS

Subject: CENTER OF COLORADO
Page Label: 1
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SHEET INDEX
SHEET
GRADING & EROSION CONTR
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MR. SEBASTIAN SCHWENDER
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MT: MOUNTAIN VIEW ELECTRIC ASSOCIATIO
11140 E. WOODMEN ROAD
COLORADO SPRINGS, CO 80908
MR. DAVE WALDNER
(719) 495-2283
RT: WEST COMMUNICATIONS
(LOCATORS) (NO) 922-1987
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MR. SEBASTIAN SCHWENDER

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EXEMPTED BY THE PLANNING AND COMMUNITY
DEVELOPMENT DEPARTMENT.
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DIR: TECHADMINISTRATOR
PCD PROJECT NO. SF-18-003

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PCD PROJECT NO. SF-18-003

SHEET INDEX
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CIVIL NOTES AND DETAILS
CIVIL NOTES AND DETAILS

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CIVIL NOTES AND DETAILS

19 E. Willamette Ave.
Colorado Springs, CO
80903
PH: 719-477-9429
FAX: 719-471-0766
www.jsengr.com

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COLORADO SPRINGS, CO 80901

JPS ENGINEERING, INC.
19 E. WILLAMETTE AVENUE
COLORADO SPRINGS, CO 80901
MR. JOHN P. SCHWAB, P.E.
(719) 477-9429

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JPS ENGINEERING, INC.

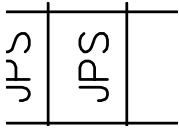
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FOR THE MARKING OF UNDERGROUND

11140 E. WOODMEN ROAD COLORADO SPRINGS, CO 80906 MR. DAVE WALDNER (719) 495-2283	19 E. WILLAMETTE AVENUE COLORADO SPRINGS, CO 80903 MR. JOHN P. SCHWAB, P.E. (719) 477-9429	EL PASO COUNTY PCD 2880 INTERNATIONAL CIRCLE COLORADO SPRINGS, CO 80910 MR. JEFF RICE, P.E. (719) 520-7877	19 E. WILLAMETTE AVENUE COLORADO SPRINGS, CO 80903 MR. JOHN P. SCHWAB, P.E. (719) 477-9429	EL PASO COUNTY PCD 2880 INTERNATIONAL CIRCLE COLORADO SPRINGS, CO 80910 MR. JEFF RICE, P.E. (719) 520-7877
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11140 E. WOODMEN ROAD
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(LOCATORS) (719) 635-3674

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COLORADO SPRINGS, CO 80901
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(719) 520-7877

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 MR. DAVE WALDNER
 (719) 495-2283

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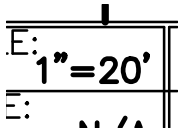
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19 E. WILLAMETTE A
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MR. JOHN P. SCHW
(719) 477-9429

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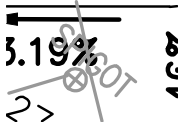
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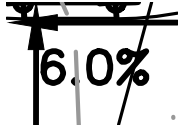
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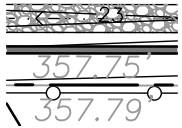
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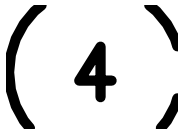
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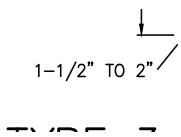
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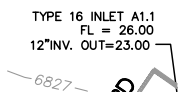
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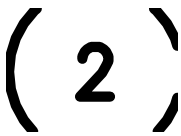
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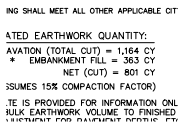
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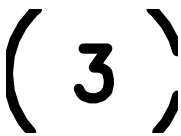
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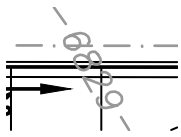
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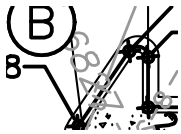
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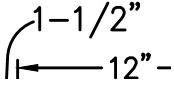
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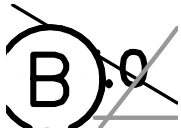
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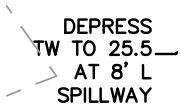
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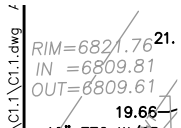
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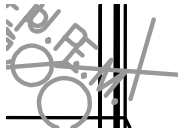
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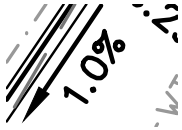
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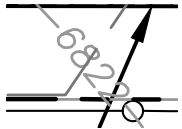
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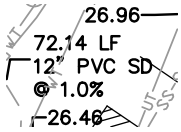


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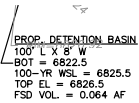
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-) EXTENDED DETENTION BASIN
-) TEMPORARY SEDIMENT BASIN

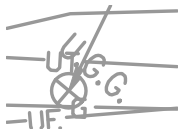
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Page Label: 2
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Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: B
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



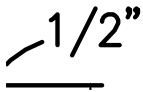
Subject: PROP. DETENTION BASIN 100' L X 8' W BOT = 6822.5 100-YR WSL = 6825.5 TOP EL = 6826.5 FSD VOL. = 0.064 AF
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Date:
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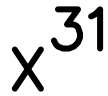
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 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: A
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: 1/2"
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 Date:
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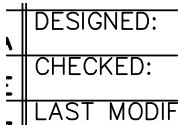


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 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject:
 Page Label: 2
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 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:

NOTE: THIS ESTIMATE IS PROVIDED FOR INFORMATION ONLY, REPRESENTING THIS ESTIMATE IS PROVIDED FOR INFORMATION ONLY, REPRESENTING THE CALCULATED BULK EARTHWORK VOLUME TO FINISHED GRADE, EXCLUDING ANY ADJUSTMENT FOR PAVEMENT DEPTHS, ETC. CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF EARTHWORK QUANTITIES AS BASIS FOR BID PRICING AND NOTIFY ENGINEER OF ANY DISCREPANCIES.



Subject:
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:

CHECKED:

A

Subject:
Page Label: 2
Lock: Unlocked
Status:
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Date:
Color:

A

RIDGELINE
11/19/17
NO: 091701

Subject:
Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
Color:

11/19/17

4.5'

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

4.5'



Subject:
Page Label: 2
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Author: AutoCAD SHX Text
Date:
Color:

T

A

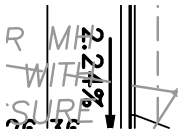
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Author: AutoCAD SHX Text
Date:
Color:

A

28.0

Subject:
Page Label: 2
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Status:
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Author: AutoCAD SHX Text
Date:
Color:

28.0



Subject: 2.24%
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 Date:
 Color:

0

Subject: 0
 Page Label: 2
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 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: U.G.T.
 Page Label: 2
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 Date:
 Color:

1
6"

Subject: 6"
 Page Label: 2
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 Author: AutoCAD SHX Text
 Date:
 Color:

27

Subject: 27
 Page Label: 2
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 Status:
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 Date:
 Color:



Subject: VTC
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:

357.79
RIPRAP
TRICKLE
CHANNEL
0.5% SLOPE
RAINING WALL

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

RIPRAP TRICKLE CHANNEL @ 0.5% SLOPE

No.

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

No.

PROPOSED PROPERTY LINE
EXISTING CONTOURS
PROPOSED CONTOURS
EXISTING SPOT ELEVATIONS
PROPOSED SPOT ELEVATIONS
PROPOSED GRADES
ROOF DRAIN DOWNSPOUTS
W/SPLASH BLOCKS

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

EXISTING SPOT ELEVATIONS

28.0

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

28.0

SEE PARKING SHALL MEET ALL OTHER APPLICABLE CITY
REQUIREMENTS.
ESTIMATED EARTHWORK QUANTITIES:
FIELD EXCAVATION (TOTAL CUT) = 1,164 CY
EMBANKMENT FILL = 363 CY
NET (CUT) = 801 CY
* (ASSUMES 15% COMPACTION FACTOR)
THIS ESTIMATE IS PROVIDED FOR INFORMATION ONLY.
UNCLASSIFIED BULK EARTHWORK VOLUME TO FINISHED.
ANY ADJUSTMENT FOR PAYMENTS, ETC.,
IS THE USER'S OWN DETERMINATION OF EARTHWORK QUANTITIES.
SEE PRICING AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

(ASSUMES 15% COMPACTION FACTOR)

1. ACCESS SHALL BE MAINTAINED AT ALL TIMES.
2. EXCAVATION SHALL BE PROTECTED BY SHIELDING.
3. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
4. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
5. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
ESTIMATED EARTHWORK QUANTITIES:
UNCLASSIFIED EXCAVATION (TOTAL CUT) = 1,164 CY
EMBANKMENT FILL = 363 CY
NET (CUT) = 801 CY
* (ASSUMES 15% COMPACTION FACTOR)
THIS ESTIMATE IS PROVIDED FOR INFORMATION ONLY.
UNCLASSIFIED BULK EARTHWORK VOLUME TO FINISHED.
ANY ADJUSTMENT FOR PAYMENTS, ETC.,
IS THE USER'S OWN DETERMINATION OF EARTHWORK QUANTITIES.
SEE PRICING AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

UNCLASSIFIED EXCAVATION (TOTAL CUT) =
1,164 CY

LEGEND:

PR
FX

Subject: %%uLEGEND:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

(B)

Subject: B
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

-18"-

Subject: 18"
Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
Color:

RIDGE

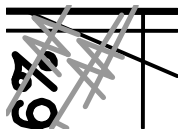
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Date:
Color:

28.0

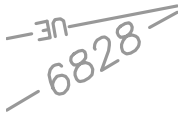
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(EDB)

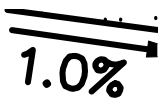
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: W
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 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



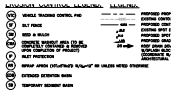
Subject: 6828
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 Checkmark: Unchecked
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 Date:
 Color:



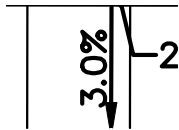
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 Color:



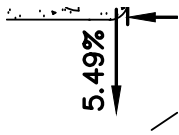
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 Date:
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Subject: RIPRAP APRON (10'Lx5'Wx2'D W/d =12" RR UNLESS NOTED OTHERWISE)
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: 3.0%
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: 5.49%
 Page Label: 2
 Lock: Unlocked
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 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: U.S. HIGHWAY 24 (ROW VARIES)
 Page Label: 2
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 Date:
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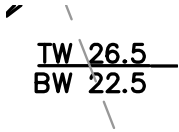
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 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: A
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: SN
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: TW 26.5 BW 22.5
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:

-):
- PROPOSED PROPERTY L
- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

EXISTING CONTOURS

- GAS ST

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

GAS STUB LOCATION

← 1.25%

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

1.25%

~~2"~~

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

2"

~~6825~~

Subject:
Page Label: 2
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Author: AutoCAD SHX Text
Date:
Color:

6825

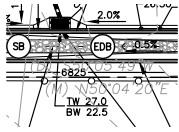
LAST. IN
 12" 45°
 BEND

Subject:
Page Label: 2
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

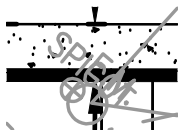
12" 45°BEND



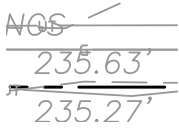
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Date:
Color:



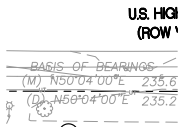
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Date:
Color:



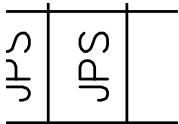
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Color:



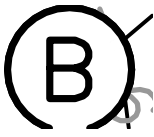
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Date:
Color:



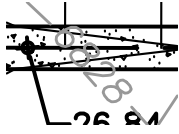
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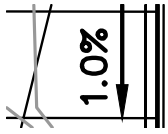
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Date:
Color:



Subject: B
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 Date:
 Color:



Subject: 6828
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: 1.0%
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: SPIGOT
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: RR
 Page Label: 2
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 Date:
 Color:

CREATED:	RIDGE
PROJECT NO:	11/19
SHEET:	09

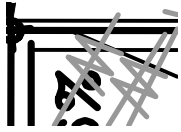
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-- 6828 /

Subject: 6828
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

3.8%

Subject: 3.8%
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: W
Page Label: 2
Lock: Unlocked
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Checkmark: Unchecked
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Date:
Color:

WT 0
2 TW 26.75
BW 22.5

Subject: TW 26.75 BW 22.5
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

OUTLET
STRUCTURE

Subject: OUTLET STRUCTURE
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

1.33%
26.50

Subject: 1.33%
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



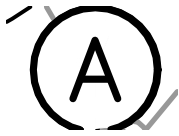
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Date:
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FOR THE MARKING OF UNDERGROUND

GAS CARSONITE
MARKER (CSU)

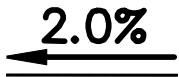
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GAS CARSONITE MARKER (CSU)



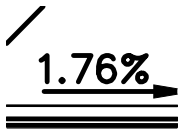
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Date:
Color:

A



Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

2.0%



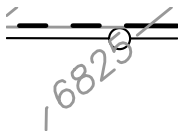
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

1.76%



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Page Label: 2
Lock: Unlocked
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

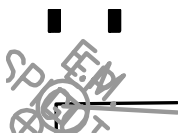
SN



Subject: 6825
Page Label: 2
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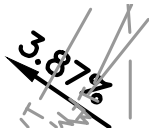
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Page Label: 2
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: E.M.
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: VTC
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



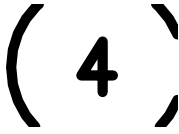
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Author: AutoCAD SHX Text
Date:
Color:



Subject: 28.0
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: X
 Page Label: 2
 Lock: Unlocked
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 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
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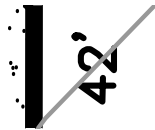
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 Checkmark: Unchecked
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 Date:
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EXISTING SPOT ELEVATIONS
 PROPOSED SPOT ELEVATIONS
 PROPOSED GRADES
 ROOF DRAIN DOWNSPOUTS
 W/SPLASH BLOCKS
 (COORDINATE W/
 ARCHITECTURAL PLANS)
 OTHERWISE

Subject: ROOF DRAIN DOWNSPOUTS W/SPLASH
 Page Label: 2 BLOCKS (COORDINATE W/ ARCHITECTURAL
 Lock: Unlocked PLANS)
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



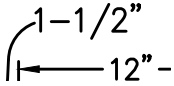
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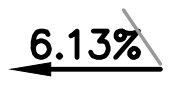
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 Checkmark: Unchecked
 Author: AutoCAD SHX Text
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 Color:



Subject: 1-1/2"
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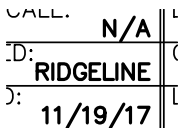
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 Status:
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 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: E
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: B
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: RIDGELINE
 Page Label: 2
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 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:

18" FES 2:
INV IN=20.0 —
20.00 ↘

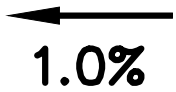
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Status:
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Author: AutoCAD SHX Text
Date:
Color:

18" FES INV IN=20.0



Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

6824



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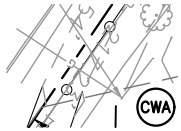
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Author: AutoCAD SHX Text
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Subject:
Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
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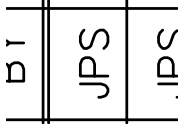
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Page Label: 2
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Author: AutoCAD SHX Text
Date:
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217.23'



Subject:
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Date:
Color:

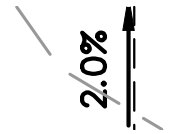
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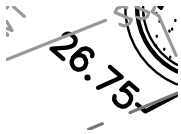
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Date:
Color:



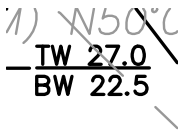
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



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Date:
Color:



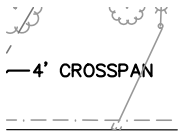
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Date:
Color:



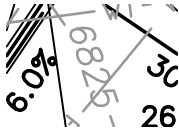
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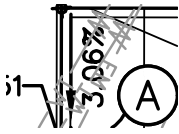
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Date:
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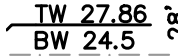
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Date:
Color:



Subject: 6825
Page Label: 2
Lock: Unlocked
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Author: AutoCAD SHX Text
Date:
Color:



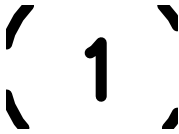
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Date:
Color:



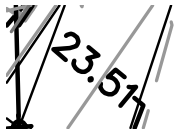
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Checkmark: Unchecked
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Date:
Color:



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Page Label: 2
Lock: Unlocked
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Date:
Color:



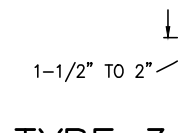
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Date:
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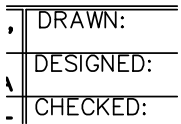
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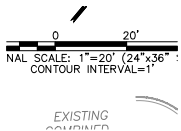
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 Date:
 Color:



Subject: 1-1/2" TO 2"
 Page Label: 2
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 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: DESIGNED:
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: CONTOUR INTERVAL=1'
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: N
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:

- 3) TITLE SHEET CONTINUED
- KEYED NOTES:
- 1 TOPSOIL STRIPPING / STOORPLE AREA
 - 2 SITE PAVEMENT (PER GEOTECHNICAL REPORT); MIN. 4" FULL-DEPTH ASPHALT
 - 3 PREPARE & COMPACT BUILDING FOUNDATION & SLABS PER PROJECT GEOTECHNICAL REPORT
 - 4 CONTRACTOR MAY WASTE EXCESS CUT MATERIAL IN THE AREA; MAINT. AND FORTING GRADERS

Subject: SITE PAVEMENT (PER GEOTECHNICAL REPORT); MIN. 4" FULL-DEPTH ASPHALT
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
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3.03% →

Subject: 3.03%
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
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Color:

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Subject: 6827
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: L
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: CWA
Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
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d₅₀=

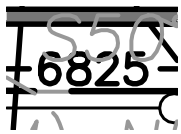
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Date:
Color:

6823

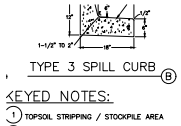
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Status:
Checkmark: Unchecked
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Date:
Color:



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Status:
Checkmark: Unchecked
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Date:
Color:



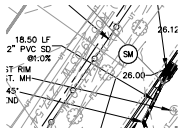
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



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Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
Color:



Subject: 2
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: (D) N05°43'50"W
Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
Color:

9.5
TW 26.5
BW 25.5

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

W

TW 26.5
BW 25.5

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

TW 26.5 BW 25.5

(EDB)

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

EDB

(B)

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

B

18.50 LF
12" PVC SD
@1.0%
JUST RIM

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

18.50 LF 12" PVC SD @1.0%

SERVICE METRO
DISTRICT
SANITARY SEWER
CARSONITE MARKER
FORCE MAIN
CSU GAS TEST

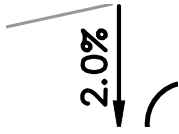
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Page Label: 2
Lock: Unlocked
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

SANITARY SEWER CARSONITE MARKER
FORCE MAIN



Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

SHEET:



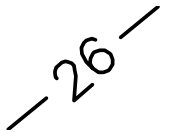
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Status:
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Author: AutoCAD SHX Text
Date:
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Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

U.G.T.



Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

26



Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

VTC



Subject:
Page Label: 2
Lock: Unlocked
Status:
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Date:
Color:

B



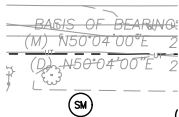
Subject: T
 Page Label: 2
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 Color:



Subject: DATE
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MSP

Subject: MSP
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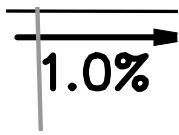
Subject: (D) N50°04'00"E
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:

- ① TOPSOIL STRIPPING / STOCKPILE AREA
 - ② SITE PAVEMENT (PER GEOTECHNICAL REPORTS, MIN. 4" FULL-DEPTH ASPHALT)
 - ③ PREPARE & COMPACT BUILDING FOUNDATION & SLABS PER PROJECT GEOTECHNICAL REPORT
 - ④ CONTRACTOR MAY WASTE EXCESS CUT MATERIAL IN THIS AREA. MATCH INTO EXISTING GRADES. MAINTAIN 3% SLOPES.
- HANDICAP ACCESS NOTES.

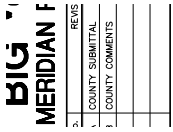
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 Page Label: 2
 Lock: Unlocked
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 Date:
 Color:

- ① PROPOSED PROPERTY LINE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING SPOT ELEVATIONS
- PROPOSED SPOT ELEVATIONS

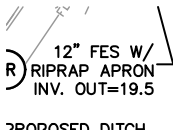
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 Color:



Subject: 1.0%
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: COUNTY SUBMITTAL
Page Label: 2
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Checkmark: Unchecked
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Date:
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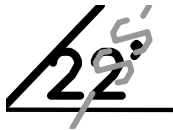
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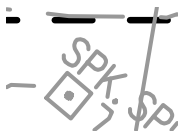
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Author: AutoCAD SHX Text
Date:
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Subject: A
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Status:
Checkmark: Unchecked
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Date:
Color:



Subject: 22'
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Color:



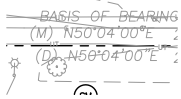
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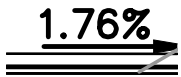
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Date:
Color:



Subject: ASPHALT DRIVE
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: (M) N50°04'00"E
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: 1.76%
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: 1.73%
Page Label: 2
Lock: Unlocked
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Checkmark: Unchecked
Author: AutoCAD SHX Text
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Subject: 12"
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

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Subject: 20'
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
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Subject: 12"
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
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1.0%

Subject: 1.0%%
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

RTHWORK QUANTITY:
(TOTAL CUT) = 1,164 CY
ANKMENT FILL = 363 CY
NET (CUT) = 801 CY
5% COMPACTION FACTOR)

ROVIDED FOR INFORMATION ON
THWORK VOLUME TO FINISHES

Subject: NET (CUT) = 801 CY
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

(2)

Subject: 2
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

- 18" -

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

18"

1 - 1/2"
1/2"

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

1/2"

CO 80831
CALL UTILITY ASSOCIATION
CENTER OF COLORADO
1-800-527-1987
FOR A LIST OF UTILITIES
SERVING YOUR AREA

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

CALL UTILITY NOTIFICATION

6"

Subject:
Page Label: 2
Lock: Unlocked
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

6"

*

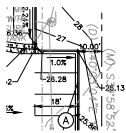
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Color:

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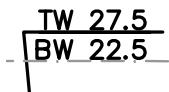
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2%

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Page Label: 2
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Color:

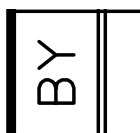
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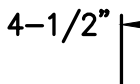
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Page Label: 2
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: TW 27.5 BW 22.5
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: BY
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: 4-1/2"
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

ENGINEERING

19 E. Willamette Ave.
Colorado Springs, CO
80903

PH: 719-477-9429

Subject: 19 E. Willamette Ave.
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: RR
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

235.63'

235.27'

Subject: 235.27'
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: %%UCALL%%U 2-BUSINESS DAYS IN
Page Label: 2
Lock: Unlocked
Status: ADVANCE
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: 6985 N. MERIDIAN ROAD, PEYTON, CO 80831
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

E: 1"=20'

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Subject: 1"=20'
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

8/10' (

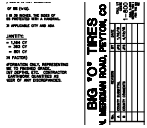
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: F
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



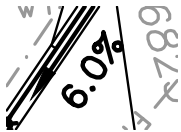
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 Author: AutoCAD SHX Text
 Date:
 Color:



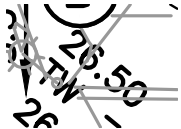
Subject: BIG "O" TIRES
 Page Label: 2
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 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



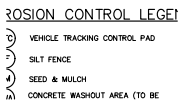
Subject: 80903
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 Date:
 Color:



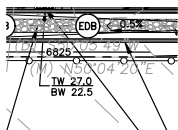
Subject: 6.0%
 Page Label: 2
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 Date:
 Color:



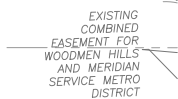
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 Date:
 Color:



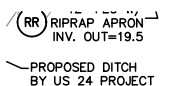
Subject: VEHICLE TRACKING CONTROL PAD
 Page Label: 2
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: (M) N50°04'20"E
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: EXISTING COMBINED EASEMENT FOR WOODMEN HILLS AND MERIDIAN SERVICE METRO DISTRICT
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



ARK

Subject: PROPOSED DITCH BY US 24 PROJECT
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



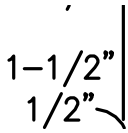
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Page Label: 2
Lock: Unlocked
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Checkmark: Unchecked
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Date:
Color:



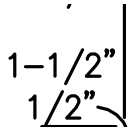
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Date:
Color:



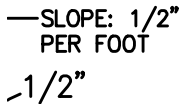
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Page Label: 2
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Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: 1-1/2"
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: 1-1/2"
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



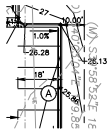
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Page Label: 2
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Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: EP
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: L
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: (M) S39°58'52"E
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

—SLOPE: 1/2"
PER FOOT
.1/2"

Subject: SLOPE: 1/2"
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: 3.40%
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: SF
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

UTILITY NOTIFICATION
CENTER OF COLORADO
00-922-1
2-BUSINESS DAYS IN ADVANCE
YOU DIG, GRADE, OR EXCAVATE
THE MARKING OF UNDERGROUND
MEMBER UTILITIES.

Subject: MEMBER UTILITIES.
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

19 E. Willamette Ave.
Colorado Springs, CO
80903

PH: 719-477-9429
FAX: 719-471-0766

Subject: Colorado Springs, CO
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

6822

Subject: 6822
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

CO 80831

CALL UTILITY NOTIFICATION
800-922-1989
CALL 2-BUSINESS HOURS IN ADVANCE
FOR THE NUMBER OF UNDERGROUND
UTILITY UTILITIES.

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

CENTER OF COLORADO

- (15) VEHICLE TRACKING CONTROL PAD
- (16) SILT FENCE
- (17) SEED & MULCH
- (18) CONCRETE WASHOUT AREA (TO BE COMPLETELY CONTAINED & REMOVED UPON COMPLETION OF PROJECT)
- (19) INLET PROTECTION
- (20) RIPRAP APRON (10'Lx5'Wx2'D W/4"=12" RS)
- (21) EXTENDED DETENTION BASIN

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

CONCRETE WASHOUT AREA (TO BE COMPLETELY CONTAINED & REMOVED UPON COMPLETION OF PROJECT)



Subject:
Page Label: 2
Lock: Unlocked
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

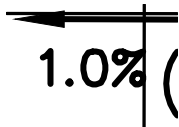
6826

PROPOSED
BUILDING
FF=6828.0



Subject:
Page Label: 2
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Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

PROPOSED BUILDING FF=6828.0



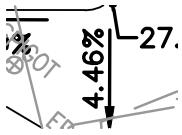
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Page Label: 2
Lock: Unlocked
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

1.0%

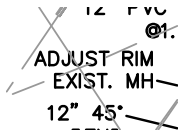


Subject:
Page Label: 2
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Date:
Color:

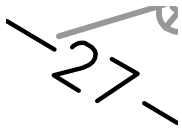
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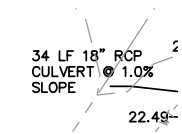
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Date:
Color:



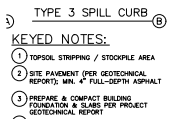
Subject: ADJUST RIM EXIST. MH
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: 27
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
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Date:
Color:



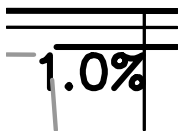
Subject: 34 LF 18" RCP CULVERT @ 1.0% SLOPE
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: TYPE 3 SPILL CURB
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

KEYED NOTES:

- ① TOPSOIL STRIPPING / STOCKPILE AREA
- ② SITE PAVEMENT (PER GEOTECHNICAL REPORTS, MIN. 4" FULL-DEPTH ASPHALT)
- ③ PREPARE & COMPACT BUILDING FOUNDATION & SLABS PER PROJECT GEOTECHNICAL REPORT



Subject: 1.0%
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

N RO
REVISION
TAL
NTS

Subject: REVISION
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

DRAWN:
DESIGNED

Subject: DRAWN:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

MERIDIAN F
REVS
COUNTY SUBMITTAL
COUNTY COMMENTS

Subject: COUNTY COMMENTS
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

K
C.C.U.

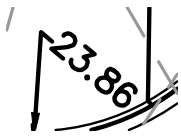
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Page Label: 2
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Date:
Color:

S CO 80831
COUNTY OF COCONINO
COUNTY OF MARICOPA
COUNTY OF PINAL
COUNTY OF YAVAPAI

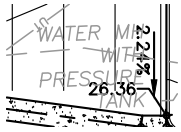
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Date:
Color:

127'

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Color:



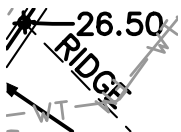
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Checkmark: Unchecked
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Date:
Color:



Subject: WATER MH WITH PRESSURE TANK
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Date:
Color:



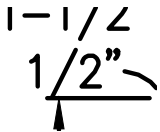
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Page Label: 2
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: RIDGE
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

6822

Subject: 6822
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: 1/2"
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

DO NOT SCALE DIMENSIONS FROM THIS DRAWING. DIMENSIONS SHALL BE TAKEN FROM THE DIMENSION LINES.
UNLESS NOTED OTHERWISE, DIMENSIONS SHALL BE IN FEET AND INCHES.
DIMENSIONS SHALL BE TO THE CENTERLINE UNLESS NOTED OTHERWISE.
ESTIMATED EARTHWORK QUANTITIES:
ASSUMED EXCAVATION (TOTAL CUT) = 1354 CY
* EMBANKMENT FILL = 363 CY
NET (CUT) = 991 CY
* (ASSUMES 10% COMPACTION FACTOR)
THIS ESTIMATE IS PROVIDED FOR INFORMATION ONLY.
CALCULATED BRUT EARTHWORK VOLUME TO FINISH.

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

ESTIMATED EARTHWORK QUANTITY:



Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
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Date:
Color:

A



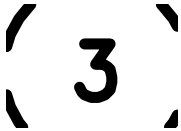
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Author: AutoCAD SHX Text
Date:
Color:

1/18/18



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Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

N/A



Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

3



Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

SITE GRADING & EROSION CONTROL PLAN

CHANNEL
@ 0.5% SLOPE
RETAINING WALL
TW 26.5
BW 22.5
6826

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

RETAINING WALL TW 26.5 BW 22.5

24

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

24

27

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

27

OUTLET
STRUCTURE

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

6823

~~W~~

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

W

C1.1

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

C1.1

SILT
FENCE

Subject: SILT FENCE
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

3.19%

Subject: 3.19%
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

-6232-

Subject: 6232
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

NORTH MERIDIAN RD
(ROW VARIES)

Subject: NORTH MERIDIAN RD (ROW VARIES)
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

B

Subject: B
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

X

Subject: X
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

90.81 LF 12"
RCP @ 2.20%

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

90.81 LF 12" RCP @ 2.20%

40'

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

40'

180.14'
2.85'

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

180.14'

1/2"

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

1/2"

TW 26.5
BW 25.5

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

TW 26.5 BW 25.5

X 31.5

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

%%U31.5

50903

PH: 719-477-9429
FAX: 719-471-0766
www.jpsegr.com

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

www.jpsegr.com



Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

WT

3.80%
150'

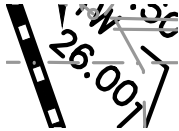
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Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

3.80%



Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

1.50%



Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

26.00

-WELL

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

WELL

MSP

Subject: MSP
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

JPS

Subject: JPS
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

A

Subject: A
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

20'

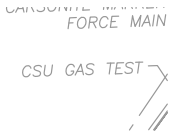
Subject: 20'
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

12"

Subject: 12"
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

BW 22.5 6826
TYPE 16 INLET A1.2 IP
FL = 26.00
12" INV. IN = 22.60
12" INV. OUT = 22.50

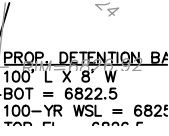
Subject: TYPE 16 INLET A1.2 FL = 26.00 12" INV. IN = 22.60 12" INV. OUT = 22.50
Page Label: 2
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Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



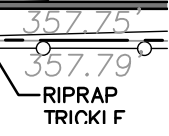
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Page Label: 2
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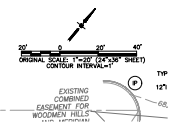
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Page Label: 2
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



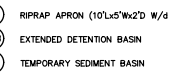
Subject: RIM=6826.92 INV IN =6811.42 INV OUT=6811.12
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: 357.79'
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: ORIGINAL SCALE: 1"=20' (24"x36" SHEET)
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: TEMPORARY SEDIMENT BASIN
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

k28.0

Subject: 28.0
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

(1)

Subject: 1
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

REPORT; MIN. 4 FULL-DEPTH ASPHAL
3 PREPARE & COMPACT BUILDING
FOUNDATION & SLABS PER PROJECT
GEO TECHNICAL REPORT
4 CONTRACTOR MAY WASTE EXCESS
CUT MATERIAL IN THIS AREA.
MATCH INTO EXISTING GRADES.
MAINTAIN 3:1 SLOPES
HANDICAP ACCESS NOTES:
1. RAMPS ARE NOT TO BE PLACED IN HAN
2. ACCESS AISLES MAY NOT EXCEED A 2%

Subject: CONTRACTOR MAY WASTE EXCESS CUT
Page Label: 2 MATERIAL IN THIS AREA; MATCH INTO
Lock: Unlocked EXISTING GRADES. MAINTAIN 3:1 SLOPES
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

(2)

Subject: 2
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

8 19.

Subject: W
Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
Color:

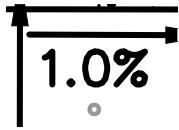
EP

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Date:
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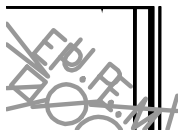
Subject:
Page Label: 2
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Status:
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Author: AutoCAD SHX Text
Date:
Color:

BEFORE YOU DIG, GRADE, OR EXCAVATE



Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

1.0%



Subject:
Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
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U.P.

6232

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

6232



Subject:
Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
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T

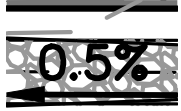
28.0

Subject:
Page Label: 2
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

28.0

—6824

Subject: 6824
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



0.5%

Subject: 0.5%
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



(RR)

Subject: RR
Page Label: 2
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Author: AutoCAD SHX Text
Date:
Color:



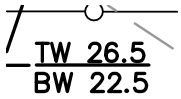
54'

Subject: 54'
Page Label: 2
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Author: AutoCAD SHX Text
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28'

Subject: 28'
Page Label: 2
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Author: AutoCAD SHX Text
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TW 26.5
BW 22.5

Subject: TW 26.5 BW 22.5
Page Label: 2
Lock: Unlocked
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Author: AutoCAD SHX Text
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VEHICLE TRAIL
SILT FENCE
SFFD & MIII C

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Author: AutoCAD SHX Text
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SILT FENCE



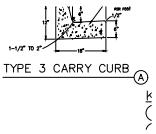
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SM



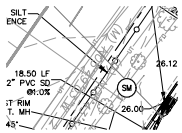
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SN



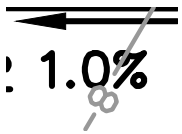
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Status:
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Author: AutoCAD SHX Text
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TYPE 3 CARRY CURB



Subject:
Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
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(M) N05°49'03"W

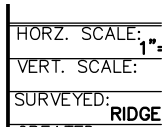


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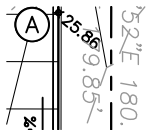
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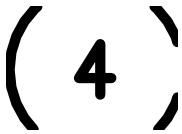
Subject: SM
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: VERT. SCALE:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: 179.85'
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: 4
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: IP
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: B
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

SILT FENCE
SEED & MULCH
CONCRETE WASHO
COMPLETELY CONT

Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
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SEED & MULCH



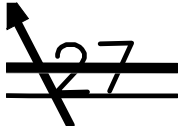
Subject:
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Author: AutoCAD SHX Text
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Subject:
Page Label: 2
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Status:
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Author: AutoCAD SHX Text
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IP



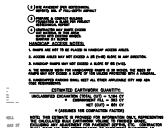
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Page Label: 2
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Author: AutoCAD SHX Text
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27



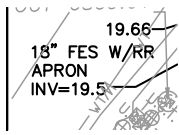
Subject:
Page Label: 2
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Status:
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Author: AutoCAD SHX Text
Date:
Color:

2' CURB OPENING W/ RIPRAP APRON



Subject:
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

1. RAMPS ARE NOT TO BE PLACED IN HANDICAP ACCESS AISLES. 2. ACCESS AISLES MAY NOT EXCEED A 2% (1:48) SLOPE IN ANY DIRECTION. 3. HANDICAP RAMPS MAY NOT EXCEED A SLOPE OF 8% (1:12). 4. THE MINIMUM WIDTH FOR HANDICAPPED RAMPS IS 36 INCHES. THE SIDES OF RAMPS MAY NOT EXCEED A SLOPE OF 10% UNLESS PROTECTED WITH A HANDRAIL. 5. HANDICAPPED PARKING SHALL MEET ALL OTHER APPLICABLE CITY AND ADA CODE REQUIREMENTS.



Subject: 18" FES W/RR APRON INV=19.5
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

18" FES W/RR APRON INV=19.5



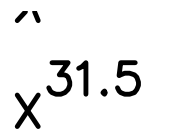
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Page Label: 2
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Author: AutoCAD SHX Text
Date:
Color:

A



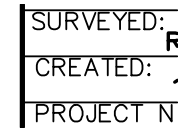
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Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
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3.57%



Subject: 31.5
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
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Color:

31.5



Subject: CREATED:
Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
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CREATED:



Subject: B
Page Label: 2
Lock: Unlocked
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Author: AutoCAD SHX Text
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6825

B\

Subject: 6825
Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
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(SF)

Subject: SF
Page Label: 2
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Status:
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Author: AutoCAD SHX Text
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Subject: 2.92%
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Author: AutoCAD SHX Text
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Status:
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Author: AutoCAD SHX Text
Date:
Color:

1-1/2" TO 2" 1" 1/2"
3 (A) TYPE 3 SPILL CI
KEYED NOTES:
1 TOPSOIL STRIPPING / STOCKPI
2 SITE PAVEMENT (PER GEOTECH-
REPORT); MIN. 4" FULL-DEPTH

Subject: %%uKEYED NOTES:
Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
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(RR)

Subject: RR
Page Label: 2
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Status:
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Author: AutoCAD SHX Text
Date:
Color:

DATE
1/18/18
4/19/18

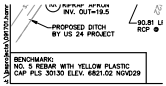
Subject: 4/19/18
Page Label: 2
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Author: AutoCAD SHX Text
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~~6829~~

Subject: 6829
Page Label: 2
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Status:
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Author: AutoCAD SHX Text
Date:
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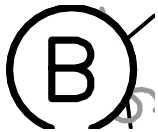
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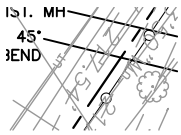
Subject: BENCHMARK: NO. 5 REBAR WITH YELLOW PLASTIC CAP PLS 30130 ELEV. 6821.02 NGVD29
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

- 3. PREPARE & COMPACT BUILDING FOUNDATION & SLABS PER PROJECT GEOTECHNICAL REPORT
 - 4. CONTRACTOR MAY WASTE EXCESS CUT MATERIAL IN THIS AREA MATCH INTO EXISTING GRADES. MAINTAIN 3:1 SLOPES
- HANDICAP ACCESS NOTES:
1. RAMPS ARE NOT TO BE PLACED IN HAN
 2. ACCESS ANGLES MAY NOT EXCEED A 2%
 3. HANDICAP RAMPS MAY NOT EXCEED A 1
 4. THE MINIMUM WIDTH FOR HANDICAPPPPT

Subject: %%UHANDICAP ACCESS NOTES:
Page Label: 2
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Author: AutoCAD SHX Text
Date:
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Subject: B
Page Label: 2
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
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Color:



Subject: 217.54'
Page Label: 2
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Author: AutoCAD SHX Text
Date:
Color:

-28-

Subject: 28
Page Label: 2
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Status:
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Author: AutoCAD SHX Text
Date:
Color:

-23-

Subject: 23
Page Label: 2
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Status:
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Author: AutoCAD SHX Text
Date:
Color:

4-1/2" |

Subject: 4-1/2"
Page Label: 2
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Status:
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Author: AutoCAD SHX Text
Date:
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JPS
MODIFIED:
4/19/18
BY:
MSP

Subject: 4/19/18
Page Label: 2
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Author: AutoCAD SHX Text
Date:
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-27-

Subject: 27
Page Label: 2
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Author: AutoCAD SHX Text
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—SLOPE: 1/2"
PER FOOT

Subject:
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Author: AutoCAD SHX Text
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SLOPE: 1/2"

—SLOPE: 1/2"
PER FOOT

1/2"

Subject:
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PER FOOT

6
GRASS
SWALE

Subject:
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Status:
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Author: AutoCAD SHX Text
Date:
Color:

GRASS SWALE

— PROPOSED PROPERTY LINE
— EXISTING CONTOURS
— PROPOSED CONTOURS
EXISTING SPOT ELEVATIONS
PROPOSED SPOT ELEVATIONS
PROPOSED GRADES
— ROOF DRAIN DOWNSPOUTS
W/SPLASH BLOCKS
(COORDINATE W/
ARCHITECTURAL PLANS)

Subject:
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Author: AutoCAD SHX Text
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PROPOSED SPOT ELEVATIONS

1/19/17
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Author: AutoCAD SHX Text
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DS

Subject:
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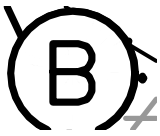
DS



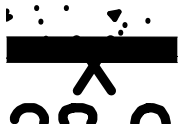
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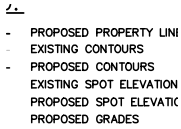
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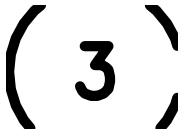
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Author: AutoCAD SHX Text
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Subject: X
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Subject: PROPOSED CONTOURS
Page Label: 2
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Author: AutoCAD SHX Text
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Subject: 3
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Author: AutoCAD SHX Text
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JPS

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Author: AutoCAD SHX Text
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Subject: F
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Subject: 12"
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Author: AutoCAD SHX Text
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Subject: 2
Page Label: 2
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Author: AutoCAD SHX Text
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CONCRETE WASHOUT
COMPLETELY CONTAIN
UPON COMPLETION OF
INLET PROTECTION

RIPRAP APRON (10'Lx

Subject: INLET PROTECTION
Page Label: 2
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
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5.0 LBS.
5.0 LBS.
2.5 LBS.
16.5 LBS.

Subject: 2.5 LBS.
Page Label: 3
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
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MIX:

VARIETY	AMOUNT LBS.
SS EPHRAIM OR HYCREST LINN	4 2
SS SARTON	2
SS LINCOLN OR MANCHAR EPHRAIM	2 2

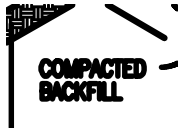
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EPHRAIM OR HYCREST

MAY, 2018
MAY, 2018
AUGUST, 2018
AUGUST, 2019

Subject:
Page Label: 3
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Author: AutoCAD SHX Text
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AUGUST, 2019



Subject:
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COMPACTED

Colorado
80903

Subject:
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80903

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Subject:
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N RO

REVISION

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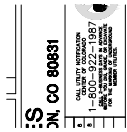
Subject:
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Author: AutoCAD SHX Text
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REVISION

SILT FABRIC
STAPLED TO
POSTS

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Author: AutoCAD SHX Text
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Subject:
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Author: AutoCAD SHX Text
Date:
Color:

1-800-922-1987

VERT. SCALE
SURVEYED:
CREATED: 11

Subject:
Page Label: 3
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

SURVEYED:

GRASS VZ
CRESTED WHEAT GRASS EF
PERENNIAL RYE LII
WESTERN WHEATGRASS SF
SMOOTH BROME GRASS LIF
SIDEOTS GRAMA EF
SEEDING & FERTILIZER APP

Subject:
Page Label: 3
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

SMOOTH BROME GRASS

SILT FENCE
FABRIC
ANCHORED
IN TRENCH
AND ATTACH

Subject:
Page Label: 3
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
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ANCHORED

CONCRETE RIDGE
CREATED: 11/19/09
PROJECT NO: 09
SHEET:

Subject:
Page Label: 3
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

PROJECT NO:

CO 80831
CALL CENTER INFORMATION
CENTER OF COLORADO
1-800-922-1987
FOR THE STATE OF COLORADO
FOR THE PUBLIC UTILITIES
BOARD OFFICE

Subject:
Page Label: 3
Lock: Unlocked
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Author: AutoCAD SHX Text
Date:
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CALL UTILITY NOTIFICATION

MAINTENANCE PROGR
FREQUENCY
BI-WEEKLY
WITHIN 21 DAYS OF GRASSING
MONTHLY
AFTER STABILIZATION ACHIEVED
MELT EVENT THAT CAUSES SURFACE ERO
ALL BE REMOVED WHEN THE SEDIMENT LEV
BMP OR AT ANY TIME THAT SEDIMENT OR
HE BMP.

Subject:
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Author: AutoCAD SHX Text
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AFTER STABILIZATION ACHIEVED

PCD PROJECT NO. SF-18-003

Subject:
Page Label: 3
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
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PCD PROJECT NO. SF-18-003

GRASS
CRESTED WHEAT
PERENIAL RYE
WESTERN WHEAT
SMOOTH BROME
SINFOATS GRAMA

Subject:
Page Label: 3
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

PERENIAL RYE

INSTALL BMP'S MAY 2018
USE GRASSING JUNE 2018
SEED & MULCHING AUGUST 2018
STABILIZATION 12 AUGUST 2018
SOIL SEVERED AREA 12 AUGUST 2018
RECORDING WATERS (AUGUST 2018)

EXISTING VEGETATION:
NATIVE GRASSES (APPROXIMATELY 70 PERCENT COVERAG
SEEDING MIX:
GRASS MIXTURE
CRESTED WHEAT GRASS 4.0 LB
PERENIAL RYE 4.0 LB
WESTERN WHEAT 4.0 LB

Subject:
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Author: AutoCAD SHX Text
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%%UEXISTING VEGETATION:

MSP

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TRENCH 6" x 6"

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GRASS
CRESTED WHEAT GRASS
PERENNIAL RYE
WESTERN WHEATGRASS
SMOOTH BROME GRASS
SIDEOTS GRAMA

Subject: WESTERN WHEATGRASS
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SEDIMENT CONTROL MAINTENANCE PROGRAM

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EPHRAIM	2
TOTAL:	16

R APPLICATION: DRILL 5

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LINCOLN OR MANCHAR

ESTIMATED TIME SCHEDULE:

ACTIVITY	EST. TIME
PREPARE SCHEDULE	10
CONDUCT SURVEY	10
ANALYZE DATA	10
PREPARE REPORT	10
TOTAL	40

EXISTING VEGETATION:
SEE SURVEY INSTRUMENTS FOR DETAILED REPORT

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%%uESTIMATED TIME SCHEDULE:

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FREQUENCY
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%%uFREQUENCY

**42
MIN.**

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CENT COVERAGE)

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20 LBS

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%%uAMOUNT IN PLS



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HYDRO-SEED PER
DOT SPEC. SECTION 212.
CONFORM TO CDOT
SPEC-SECTION 213.

MENANCE PR
FREQUENCY

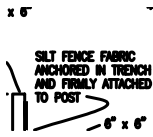
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Author: AutoCAD SHX Text
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SPEC-SECTION 213.

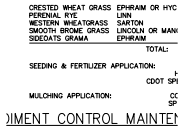
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CREATED:
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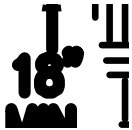
Subject: ANCHORED IN TRENCH
Page Label: 3
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Author: AutoCAD SHX Text
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Subject: SEEDING & FERTILIZER APPLICATION:
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Author: AutoCAD SHX Text
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Subject: AND FIRMLY ATTACHED
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Subject: TRENCH
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Subject: BACKFILL
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STANDARD NOTES FOR EL PASO COUNTY
GRADING AND EROSION CONTROL PLANS:

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3.0 LBS.
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GS*

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JPS
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JPS

PH: 719-477-9429
FAX: 719-471-0766
www.jpsegr.com

Subject:
Page Label: 3
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Author: AutoCAD SHX Text
Date:
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www.jpsegr.com

ESTIMATED TIME S

INSTALL BMP'S
SITE GRADING
SEEDING & MULCHING
STABILIZATION
TOTAL DISTURBED AREA: 1.2 ACRES.
RECOVERING WATERS: FALCON BASIN

EXISTING VEGETAI
NATIVE GRASSES (APPROXIMATELY 70 F

Subject:
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TOTAL DISTURBED AREA: 1.2 ACRES

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IE	CHECKED:	JP
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LAST MODIFIED:

RAIN 2.5 LBS.
TOTAL: 16.5 LBS.
CAUTION: DRILL SEED OR
HYDRO-SEED PER
CDOT SPEC-SECTION 212.
CONFORM TO CDOT
SPEC-SECTION 213.
MAINTENANCE PROC

Subject:
Page Label: 3
Lock: Unlocked
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Author: AutoCAD SHX Text
Date:
Color:

CDOT SPEC. SECTION 212.

ENGINEERING

19 E. Willamette Ave.
Colorado Springs, CO
80903
PH: 719-477-9429

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19 E. Willamette Ave.

SEEDING & FERTILIZER APPL
MULCHING APPLICATION:
MENT CONTROL

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MULCHING APPLICATION:

MENT BASIN

DRAINAGE
AREA (AC)

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DRAINAGE



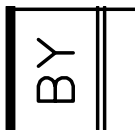
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AND AFTER ANY PRECIPITATION OR SNOW MELT EVENT THAT CAUSES SURFACE EROSION. ACCUMULATED SEDIMENT AND DEBRIS SHALL BE REMOVED WHEN THE SEDIMENT LEVEL REACHES ONE HALF THE HEIGHT OF THE BMP OR AT ANY TIME THAT SEDIMENT OR DEBRIS ADVERSELY IMPACTS THE FUNCTION OF THE BMP.



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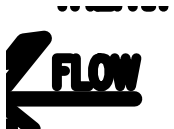
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BY

INSTALL BMP'S
 SITE GRADING
 SEEDING & MULC
 STABILIZATION
 TOTAL DISTURBED
 RECEIVING WATERS:

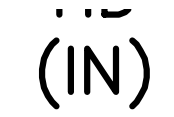
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STABILIZATION



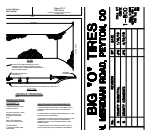
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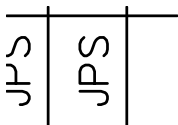
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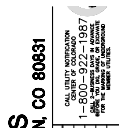
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%%UCALL%%U 2-BUSINESS DAYS IN ADVANCE



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MAY, 2018
 MAY, 2018
 AUGUST, 2018
 AUGUST, 2019

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AUGUST, 2018



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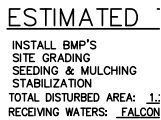
Subject: FOR THE MARKING OF UNDERGROUND
Page Label: 3
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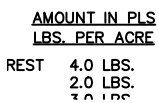
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Subject: TO POST
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Subject: SEEDING & MULCHING
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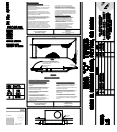


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2.5 LBS.
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11 SEED OR

SEDIMENT BASIN DESIGN DATA			
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SEDIMENT BASIN DESIGN DATA

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FIRMLY TO POST

ESSENTIAL
INSTALL BMP'S
SITE GRADING
SEEDING & MULCH
STABILIZATION
TOTAL DISTURBED

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SPEC-SECTION 21.3
MAINTENANCE PROGR
FREQUENCY
B-BE WEEKLY
WITHIN 21 DAYS OF GRADING
MONTHLY
AFTER STABILIZATION ACHIEVED
ELT EVENT THAT CAUSES SURFACE ERO
BE REMOVED WHEN THE SEDIMENT LEV

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BASIN

SEDIMENT CON

PERIODIC SITE INSPECTIONS
RE-VEGETATION OF EXPOSED SOIL
SEDIMENT REMOVAL FROM BMP'S
REMOVAL OF BMP'S

1 AND AFTER ANY PRECIPITATION

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PERIODIC SITE INSPECTIONS

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CREATED WITH CIV
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SIDEOTS GRAMA

SEEDING & FERTILIZ

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STABILIZATION

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Author: AutoCAD SHX Text
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ESTIMATED LEVEL
INSTALL BMP'S
SITE GRADING
SEEDING & MULCHING
STABILIZATION
TOTAL DISTURBED AREA: 1.2 ACRES
RECEIVING WATERS: FALCON BASIN

EXISTING VEGETATION
NATIVE GRASSES (APPROXIMATELY 70

Subject: RECEIVING WATERS: FALCON BASIN
Page Label: 3
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

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11/19/17
NO: 091701

Subject: 11/19/17
Page Label: 3
Lock: Unlocked
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Author: AutoCAD SHX Text
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BIG	
MERIDIAN F	
3	RECS
1	COUNTY SUBMITTAL
1	COUNTY COMMENTS

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Checkmark: Unchecked
Author: AutoCAD SHX Text
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COUNTY SUBMITTAL



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1. All construction shall meet the following standards & specifications: * 2009 International Building Code. * Pikes Peak Regional Building Code, latest edition. * El Paso County Engineering Criteria Manual (ECM), latest edition. * Project Geotechnical Report. 2. The contractor shall be responsible for the notification and field location of all existing utilities, whether shown on the plans or not, before beginning construction. Location of existing utilities shall be verified by the contractor prior to actual construction. 3. The contractor shall have one (1) signed copy of these approved plans and one (1) copy of the appropriate design and construction standards and specifications at the job site at all times: a. El paso county engineering criteria manual. 4. Storm drain pipe shall be rcp class iii with class c bedding unless otherwise noted. 5. Stationing is at centerline unless otherwise noted. All elevations are at flowline unless otherwise noted. All dimensions are from face of curb unless otherwise noted. Lengths shown for storm sewer pipes are to center of manhole. 6. Contractor shall coordinate with gas, electric, telephone and cable t.V. Utility suppliers for installation of all utilities. Minimum cover for all dry utilities shall be 36". 7. Contractor shall remove and dispose of all existing structures, debris, waste and other unsuitable fill material found within the limits of excavation. 8. Match into existing grades at 3:1 max cut and fill slopes. 9. Revegetation of all disturbed areas shall be done with 4" topsoil and dry land grass seed after fine grading is complete ("foothills seed mix"). 10. Erosion control shall consist of silt fence and hay bales as shown on the drawing, and topsoil with grass seed, which will be watered until vegetation has been re-established. 11. The erosion control measures outlined on this plan are the responsibility of the contractor to monitor and replace, regrade, and rebuild as necessary until vegetation is re-established. 12. Contractor shall implement best management practices in a manner that will protect adjacent properties and public facilities from the adverse effects of erosion and sedimentation as a result of construction and earthwork activities within the project site. 13. Additional erosion control measures may be required as determined by site conditions. 14. The contractor will take the necessary precautions to protect existing utilities from damage due to this operation. Any damage to the utilities will be repaired at the contractor's expense, and any service disruption will be settled by the contractor. 15. All backfill, sub-base, and/or base course material shall be compacted per the project geotechnical report and County specifications. 16. Concrete used in curb and gutter, sidewalk, and crossspan construction shall meet County criteria. 17. All finished grades shall have a minimum 1.0% slope to provide positive drainage. 18. Contractor shall obtain all required permits prior to beginning work.



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EXISTING VEGETATION:
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Colorado Springs, CO
80903
PH: 719-477-9429
FAX: 719-471-0766
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COUNTY COMMENTS

EXISTING VEGETATION
NATIVE GRASSES (APPROXIMATELY)
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SEDIMENT CONTROL

PERIODIC SITE INSPECTIONS
RE-VEGETATION OF EXPOSED SOILS
SEDIMENT REMOVAL FROM BMP'S
REMOVAL OF BMP'S
1 AND AFTER ANY PRECIPITATION OR ST
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SEDIMENT REMOVAL FROM BMP'S

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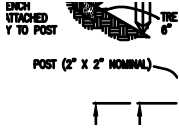
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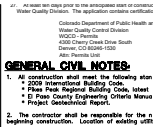
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UTILITY INFORMATION
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THE MARKING OF UNDERGROUND
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PERIODIC SITE INSPECTION
RE-VEGETATION OF EXPOSED
SEDIMENT REMOVAL FROM
REMOVAL OF BMP'S
1 AND AFTER ANY PRECIPITATION
2 ACCUMULATED SEDIMENT

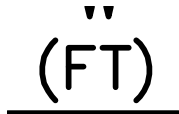
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CALL UNTIL 4 NOTIFICATION
OF THE ORDER IS RECEIVED
-800-922-198
CALL 2-BUSINESS HOURS IN ADVANCE
FOR THE NUMBER OF UNDERGROUND
CROSSINGS TO BE INSTALLED.

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MULCHING APPLICATION:
SEDIMENT CONTROL

PERIODIC SITE INSPECTIONS
RE-VEGETATION OF EXPOSED SOILS
SEDIMENT REMOVAL FROM BMP'S
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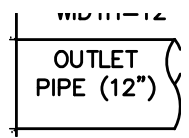
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BURIED RIPRAP
OVERTOPPING
PROTECTION
(10'Lx8'Wx2'D;
TYPE M RIPRAP)

Subject: BURIED RIPRAP OVERTOPPING PROTECTION
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7/ NOTE:
CONTRACTOR SHALL PROVIDE
STRUCTURAL DESIGN FOR
EACH RETAINING WALL BASED
ON THE SELECTED BLOCK
WALL SYSTEM.

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NOTE: CONTRACTOR SHALL PROVIDE
STRUCTURAL DESIGN FOR EACH RETAINING
WALL BASED ON THE SELECTED BLOCK
WALL SYSTEM.

DESIGN HEIGHT

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DESIGN HEIGHT

2. STRUCTURAL DESIGN OF RETAINING WALLS SHALL BE BASED ON
FIELD CONDITIONS OF THE SOIL.
DESIGN OF RETAINING WALLS
1. ALL RETAINING WALLS SHALL BE DESIGNED USING STANDARD STEEL
SHAPES AND LOCATED TO RECEIVE ACCESS PANELS.
2. RETAINING WALLS SHALL BE DESIGNED TO RESIST SLIDING, OVERTURNING, AND
BEARING CAPACITY OF THE SOIL.
3. RETAINING WALLS SHALL BE DESIGNED TO RESIST THE DESIGN
PRESSURE FROM THE LIQUIDS IN THE OUTLET PIPE.
4. STRUCTURAL DESIGN OF RETAINING WALLS SHALL BE BASED ON
FIELD CONDITIONS OF THE SOIL.
ORIFICE PLATE AND TRAP
DETAILS AND NOTES/
2017

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SMALLER THAN THE DIAMETER OF THE
OUTLET PIPE.

HANDRAILING CONT AT TOP
WELDED JOINTS, PRIME + PAINT

— FULLY COPE ALL JOINTS
1/4" FILLET WELDS
GRIND SMOOTH
PRIME AND PAINT

— 4"x4"x1/4" STL >

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FULLY COPE ALL JOINTS 1/4" FILLET WELDS
GRIND SMOOTH PRIME AND PAINT

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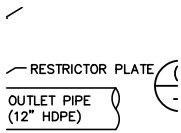
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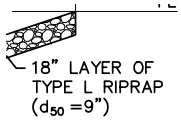
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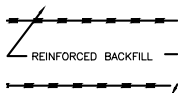


Subject: NOTES: WHERE LOT LINES, WALLS, SLOPES OR OTHER PHYSICAL BARRIERS PROHIBIT 6" OF FALL WITHIN 10', DRAINS OR SWALES SHALL BE PROVIDED TO ENSURE DRAINAGE AWAY FROM THE STRUCTURE.
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NOTES: WHERE LOT LINES, WALLS, SLOPES OR OTHER PHYSICAL BARRIERS PROHIBIT 6" OF FALL WITHIN 10', DRAINS OR SWALES SHALL BE PROVIDED TO ENSURE DRAINAGE AWAY FROM THE STRUCTURE. MAINTAIN POSITIVE SLOPE AWAY FROM BLDG. ON ALL SIDES. MIN. SLOPE 6" IN FIRST 10' IN UNPAVED AREAS, MIN. SLOPE OF 3" IN THE FIRST 10' IN PAVED AREAS. AFTER INITIAL 10' SLOPE AWAY FROM BLDG. MIN 1%, MAX. 5% SLOPE.

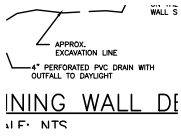
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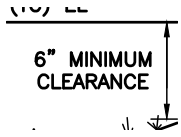
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REINFORCED BACKFILL



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4" PERFORATED PVC DRAIN WITH



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6" MINIMUM CLEARANCE

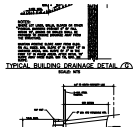


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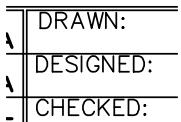
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%%UTYPICAL BUILDING DRAINAGE DETAIL G



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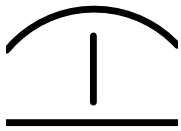
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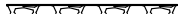
|



Subject:
 Page Label: 4
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:

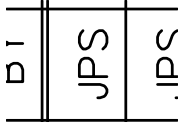
STRUCTURAL DESIGN OF TRASH RACKS
 SHALL BE BASED ON FULL HYDROSTATIC
 HEAD WITH ZERO

TOP OF BERM
 EL.=6826.5



Subject:
 Page Label: 4
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:

TOP OF BERM



Subject:
 Page Label: 4
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 Date:
 Color:

JPS



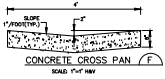
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 Page Label: 4
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 Author: AutoCAD SHX Text
 Date:
 Color:

6"

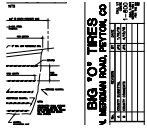


Subject:
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 Date:
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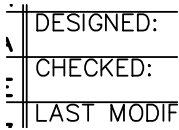
6"



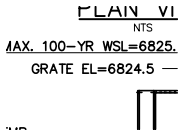
Subject: CONCRETE CROSS PAN F
 Page Label: 4
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 Status:
 Checkmark: Unchecked
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 Date:
 Color:



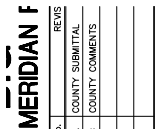
Subject: BIG "O" TIRES
 Page Label: 4
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: CHECKED:
 Page Label: 4
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: GRATE EL=6824.5
 Page Label: 4
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: COUNTY COMMENTS
 Page Label: 4
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:



Subject: TRICKLE CHANNEL INV IN=6822.0
 Page Label: 4
 Lock: Unlocked
 Status:
 Checkmark: Unchecked
 Author: AutoCAD SHX Text
 Date:
 Color:

4.

Subject: 4.
Page Label: 4
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
Color:

19 E. Willamette Ave.
Colorado Springs, CO
80903

PH: 719-477-9429
FAX: 719-471-0766

Subject: Colorado Springs, CO
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

PER
DECISION

Subject: PER
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

UTILITY NOTIFICATION
CENTER OF COLORADO
00-922-1
2-4 BUSINESS DAYS IN ADVANCE
YOU TO DIG, GRADE, OR EX
THE MARKING OF UNDERGROUND
MEMBER UTILITIES.

Subject: MEMBER UTILITIES.
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

1. TRASH RACKS SHALL BE STAINLESS STEEL,
ALUMINUM, OR STEEL. STEEL TRASH RACKS
SHALL BE HOT
2. TRASH RACKS SHALL BE STAINLESS STEEL,
ALUMINUM, OR STEEL. STEEL TRASH RACKS
SHALL BE HOT
3. TRASH RACKS SHALL BE STAINLESS STEEL,
ALUMINUM, OR STEEL. STEEL TRASH RACKS
SHALL BE HOT
OFFICE PLATE AND TRASH RACK
DETAILS SEE NOTES (A)

Subject: TRASH RACKS SHALL BE STAINLESS STEEL,
ALUMINUM, OR STEEL. STEEL TRASH RACKS
SHALL BE HOT
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

8"~ CONC. FORM

Subject: 8"~ CONC. FORM
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

2.5'

Subject: 2.5'
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

1. WELL-SCREEN TRASH RACK ATTACHED BY INTERMITTENT
 2. STRUCTURAL DESIGN OF HEAD DOWNSTREAM OF OVERFLOW TRASH RACKS:
1. ALL TRASH RACKS SHALL BE HINGED AND LOCKABLE
 2. TRASH RACKS SHALL BE PROPORTIONED TO THE

Subject: OVERFLOW TRASH RACKS:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

FINISHED FLOOR (FF) EL

Subject: FINISHED FLOOR (FF) EL
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

ORIFICE PLATE AND TRASH RACK DETAILS AND NOTES / B

Subject: DETAILS AND NOTES B
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

CHANNEL INV N=6822.0
MICROPOOL WSE=6821.5
BOTTOM EL=6819.0
INITIAL SURCHARGE
DEPTH=6"

Subject: MICROPOOL WSE=6821.5
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

RETAINED BACKFILL

Subject: RETAINED BACKFILL
Page Label: 4
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
Color:



18" LAYER OF
TYPE L RIPRAP
(d₅₀ = 9")

RIPRAP

Subject:
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Author: AutoCAD SHX Text
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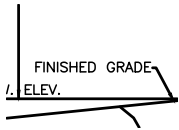
TYPE L RIPRAP



S N, CO 80831
QUALITY ASSURANCE
1-800-392-1987
FOR ALL PROJECTS
SEE THE DRAWING

Subject:
Page Label: 4
Lock: Unlocked
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Author: AutoCAD SHX Text
Date:
Color:

%%UCALL%%U 2-BUSINESS DAYS IN
ADVANCE



FINISHED GRADE
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Author: AutoCAD SHX Text
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FINISHED GRADE

DATE
1/18/18
4/18/18

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Author: AutoCAD SHX Text
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1/18/18



SLOPE
1"/FOOT(TYP.)

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Author: AutoCAD SHX Text
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SLOPE 1"/FOOT(TYP.)

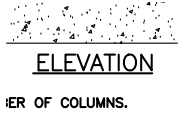


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7	LAST MODIFIED:	4/18/1
01	MODIFIED BY:	MS

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LAST MODIFIED:



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Subject:
Page Label: 4
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Author: AutoCAD SHX Text
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6"

2. TRASH RACKS SHALL BE STAINLESS STEEL DIP GALVANIZED AND MAY BE HOT PINK
 3. TRASH RACKS SHALL BE DESIGNED SUCH SMALLER THAN THE DIAMETER OF THE O
 4. STRUCTURAL DESIGN OF TRASH RACKS HEAD DOWNSTREAM OF THE RACK.
- ORIFICE PLATE
DETAILS AND
NTS

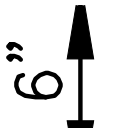
Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

HEAD DOWNSTREAM OF THE RACK.



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

CONCRETE OPENING WIDTH=12"



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

6"

OND OUTL
SCALE: NTS

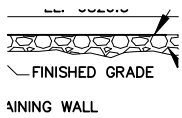
Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

SCALE: NTS

1 1/2" DIAMETER STEEL PIPE
HANDRAILING CONT AT TOP WITH
WELDED JOINTS, PRIME + PAINT
TYP.
FULLY COPE ALL JOINTS
1/4" FILLET WELDS
GRIND SMOOTH
PRIME AND PAINT

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

1 1/2" DIAMETER STEEL PIPE HANDRAILING
CONT AT TOP WITH WELDED JOINTS, PRIME
+ PAINT TYP.



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

FINISHED GRADE

VG DRAIN
SCALE: NTS

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

SCALE: NTS

10'*

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

10'*



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

B

STRUCTURAL STEEL CHANNEL
FORMED INTO CONCRETE

EL=6822.4

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

FORMED INTO CONCRETE

4'

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

4'

MSP

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

MSP

- 3. BOLT PLATE TO CONCRETE 12" MAX. ON EURY AND WOZY TRASH RACKS:
- 1. WELL-SCREEN TRASH RACKS (FOR CIRCI ATTACHED BY INTERMITTENT WELDS ALON
- 2. STRUCTURAL DESIGN OF TRASH RACKS 5 HEAD DOWNSTREAM OF THE RACK.
- OVERFLOW TRASH RACKS:
- 1. ALL TRASH RACKS SHALL BE MOUNTED 1 HINGED AND LOCKABLE OR BOLTABLE AC
- 2. TRASH RACKS SHALL BE STAINLESS STEE AND PLAINTEXTURE. THEY MAY BE WPTV 500"

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

HEAD DOWNSTREAM OF THE RACK.

(OR EQUAL) WITH 1-1/4" x 1/2" S' SPACED 1-3/16" ON CENTER SPACED 2" ON CENTER

--- POND BOTTOM=6822.5 ---

CKLE CHANNEL INV IN=6822.0

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Author: AutoCAD SHX Text
Date:
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POND BOTTOM=6822.5

10 LATER TYPE L RIF (d₅₀ =9")

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Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
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(d =9")

GRID LENGTH

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Status:
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Author: AutoCAD SHX Text
Date:
Color:

GRID LENGTH

∠ APPROX.
EXCAVATION LINE
—4" PERFORATED PVC DRAIN
OUTFALL TO DAYLIGHT

NING WAL

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Status:
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Author: AutoCAD SHX Text
Date:
Color:

OUTFALL TO DAYLIGHT

RAIL DET,
SCALE: NTS

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Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

SCALE: NTS

DRAWN:
DESIGNED

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

DRAWN:

PRIME AND PAINT
4"x4"x1/4" STL >
W/ (4) 1/2"x6" WEDGE
ANCHOR BOLTS
3/4" CHAMFER

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

4"x4"x1/4" STL > W/ (4) 1/2"x6" WEDGE
ANCHOR BOLTS

4'-0"
18" PLATE
12" 12"

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

18" PLATE

C3

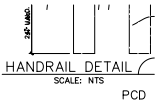
Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

C3

6"

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

6"



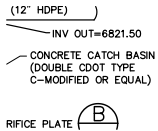
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Page Label: 4
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Author: AutoCAD SHX Text
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HANDRAIL DETAIL



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

CIVIL NOTES & DETAILS



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

CONCRETE CATCH BASIN (DOUBLE CDOT TYPE C-MODIFIED OR EQUAL)

JPS

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

JPS

3'

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

3'

MSP

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

MSP

CO 80831

CALL UTILITY NOTIFICATION
800-922-1989
CALL 24 HOURS A DAY IN ADVANCE
FOR THE LATEST INFORMATION
REGARDING UTILITIES

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
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CENTER OF COLORADO

**PER
DESIGN**

Subject:
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Author: AutoCAD SHX Text
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DESIGN

JPS
DIFIED:
4/18/18
BY:
MSP

Subject:
Page Label: 4
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Author: AutoCAD SHX Text
Date:
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4/18/18

1.

Subject:
Page Label: 4
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
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1.

1. ALL TRASH RACKS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH
2. TRASH RACKS SHALL BE MOUNTED TO THE WALL OR TO THE CEILING OF THE STRUCTURE
3. TRASH RACKS SHALL BE MOUNTED TO THE WALL OR TO THE CEILING OF THE STRUCTURE
4. TRASH RACKS SHALL BE MOUNTED TO THE WALL OR TO THE CEILING OF THE STRUCTURE
5. TRASH RACKS SHALL BE MOUNTED TO THE WALL OR TO THE CEILING OF THE STRUCTURE
6. TRASH RACKS SHALL BE MOUNTED TO THE WALL OR TO THE CEILING OF THE STRUCTURE
7. TRASH RACKS SHALL BE MOUNTED TO THE WALL OR TO THE CEILING OF THE STRUCTURE
8. TRASH RACKS SHALL BE MOUNTED TO THE WALL OR TO THE CEILING OF THE STRUCTURE
9. TRASH RACKS SHALL BE MOUNTED TO THE WALL OR TO THE CEILING OF THE STRUCTURE
10. TRASH RACKS SHALL BE MOUNTED TO THE WALL OR TO THE CEILING OF THE STRUCTURE
OFFICE PLATE AND TRASH RACK
SCALE: AS SHOWN

Subject:
Page Label: 4
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
Color:

ALL TRASH RACKS SHALL BE MOUNTED USING STAINLESS STEEL HARDWARE AND PROVIDED WITH

NTS

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

NTS

12" OUTLET PIPE
6821.5

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

12" OUTLET PIPE

JPS

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

JPS

12" HDPE PIPE
CONCRETE CATCH BASIN
DOUBLE CDOT TYPE
INVERT = 6821.50

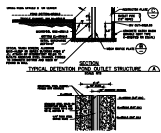
Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

INV OUT=6821.50

TYPICAL RIPRAP
FLOW CHANNEL
NOT TO SCALE

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

NOT TO SCALE



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

TYPICAL DETENTION POND OUTLET
STRUCTURE A

4'

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

4'

4'-0"
8" PLATE

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

4'-0"

3.

Subject:
Page Label: 4
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
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3.

STANDARD 8"
BLOCK UNIT
(AMASTONE OR

Subject:
Page Label: 4
Lock: Unlocked
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Author: AutoCAD SHX Text
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STANDARD 8"

DATE
1/18/18

Subject:
Page Label: 4
Lock: Unlocked
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Author: AutoCAD SHX Text
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DATE

5.0'
4.0'

Subject: 5.0'
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: ORIFICE PLATE NOTES: 1. MINIMIZE THE NUMBER OF COLUMNS. MINIMIZE THE NUMBER OF COLUMNS. 2. PROVIDE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE. PROVIDE GASKET MATERIAL BETWEEN THE ORIFICE PLATE AND CONCRETE. 3. BOLT PLATE TO CONCRETE 12" MAX. ON CENTER. BOLT PLATE TO CONCRETE 12" MAX. ON CENTER.
Page Label: 4
Lock: Unlocked
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Author: AutoCAD SHX Text
Date:
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1

Subject: 1
Page Label: 4
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Author: AutoCAD SHX Text
Date:
Color:

— GEOGRID

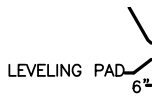
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Page Label: 4
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Subject: N/A
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Color:

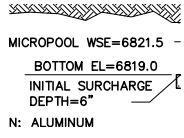
BIG MERIDIAN F	REVIS
	COUNTY SUBMITTAL
	COUNTY COMMENTS

Subject: COUNTY SUBMITTAL
Page Label: 4
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
Color:



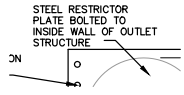
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Page Label: 4
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LEVELING PAD



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

BOTTOM EL=6819.0



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

STEEL RESTRICTOR PLATE BOLTED TO
INSIDE WALL OF OUTLET STRUCTURE



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

WELL-SCREEN TRASH RACKS (FOR
CIRCULAR ORIFICES) SHALL BE STAINLESS
STEEL AND SHALL BE



Subject:
Page Label: 4
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
Color:

ATTACHED BY INTERMITTENT WELDS ALONG
THE EDGE OF THE MOUNTING FRAME.



Subject:
Page Label: 4
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Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

APPROX.

2.

Subject: 2.
Page Label: 4
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Author: AutoCAD SHX Text
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6" ↑

Subject: 6"
Page Label: 4
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Author: AutoCAD SHX Text
Date:
Color:

CO 80831
CALL UTILITY NOTIFICATION
CENTER OF COLORADO
1-800-527-1987
FOR A LIST OF UTILITIES
SERVING YOUR AREA

Subject: CALL UTILITY NOTIFICATION
Page Label: 4
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
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3/4" EXPANSION ANCHORS

↑
S

Subject: 3/4" EXPANSION ANCHORS
Page Label: 4
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Status:
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Author: AutoCAD SHX Text
Date:
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2.0% →

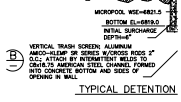
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Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

ORIFICE PLATE AND TRASH RACK
DETAILS AND NOTES ZBY

Subject: ORIFICE PLATE AND TRASH RACK
Page Label: 4
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
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Color:

DATE
1/18/18
4/18/18

Subject:
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Author: AutoCAD SHX Text
Date:
Color:



Subject:
Page Label: 4
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Author: AutoCAD SHX Text
Date:
Color:

VERTICAL TRASH SCREEN; ALUMINUM
AMICO-KLEMP SR SERIES W/GROSS RODS 2"
O.C.; ATTACH BY INTERMITTENT WELDS TO
C8x18.75 AMERICAN STEEL CHANNEL
FORMED INTO CONCRETE BOTTOM AND
SIDES OF OPENING IN WALL

RIDGE
CREATED: 11/19
PROJECT NO: 09
SHEET:

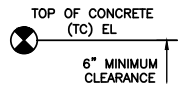
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PROJECT NO:

150

Subject:
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Author: AutoCAD SHX Text
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50



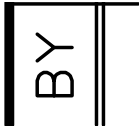
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Author: AutoCAD SHX Text
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TOP OF CONCRETE (TC) EL

Colorado
80903

Subject:
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Author: AutoCAD SHX Text
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80903



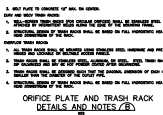
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BY



Subject:
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Author: AutoCAD SHX Text
Date:
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NTS



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

DIP GALVANIZED AND MAY BE HOT POWDER COATED AFTER GALVANIZING.



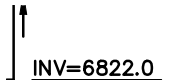
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Date:
Color:

RETAINING WALL



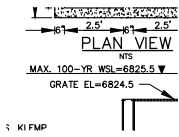
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Author: AutoCAD SHX Text
Date:
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CAP UNIT



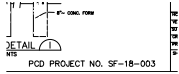
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Lock: Unlocked
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
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INV=6822.0



Subject:
Page Label: 4
Lock: Unlocked
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

MAX. 100-YR WSL=6825.5



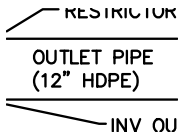
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PCD PROJECT NO. SF-18-003



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Date:
Color:

FOR THE MARKING OF UNDERGROUND



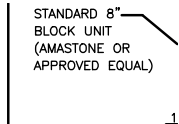
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Status:
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Author: AutoCAD SHX Text
Date:
Color:

OUTLET PIPE (12" HDPE)



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

6.5'



Subject:
Page Label: 4
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
Color:

APPROVED EQUAL)

MICROPOOL WSE=6821.5
BOTTOM EL=6819.0
INITIAL SURCHARGE
DEPTH=6"
IN: ALUMINUM
ES W/CROSS RODS 2"
INTERMITTENT W/1 DS TO

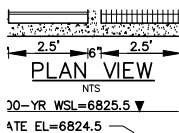
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Author: AutoCAD SHX Text
Date:
Color:

INITIAL SURCHARGE DEPTH=6"

Colorado Springs, CO
80903
PH: 719-477-9429
FAX: 719-471-0766
www.jpsengr.com

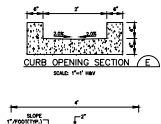
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Author: AutoCAD SHX Text
Date:
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FAX: 719-471-0766



Subject:
Page Label: 4
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Author: AutoCAD SHX Text
Date:
Color:

PLAN VIEW



Subject:
Page Label: 4
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Author: AutoCAD SHX Text
Date:
Color:

CURB OPENING SECTION E



Subject:
Page Label: 4
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Author: AutoCAD SHX Text
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Color:

SCALE: 1"=1' H&V

1. MINIMIZE THE NUMBER OF COLU
 2. PROVIDE GASKET MATERIAL BETW
 3. BOLT PLATE TO CONCRETE 12"
- EURV AND WOQV TRASH RACKS:
1. WELL-SCREEN TRASH RACKS IF
 2. STRUCTURAL DESIGN OF TRASH

Subject:
Page Label: 4
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Author: AutoCAD SHX Text
Date:
Color:

EURV AND WOQV TRASH RACKS:

D

Subject:
Page Label: 4
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Status:
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Author: AutoCAD SHX Text
Date:
Color:

D

APPROX.
EXCAVATION LINE
PERFORATED PVC DRAIN
TFALL TO DAYLIGHT

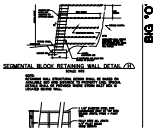
Subject:
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Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

EXCAVATION LINE

CRETE CROSS
SCALE: 1"=1' H&V

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

SCALE: 1"=1' H&V



Subject:
Page Label: 4
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Author: AutoCAD SHX Text
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SEGMENTAL BLOCK RETAINING WALL DETAIL
H

— 2"

Subject:
Page Label: 4
Lock: Unlocked
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Author: AutoCAD SHX Text
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2"

HORZ. SCALE:
VERT. SCALE:

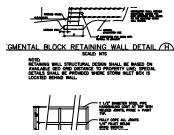
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

HORZ. SCALE:

5.0'
4.0'

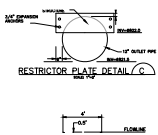
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Date:
Color:

4.0'



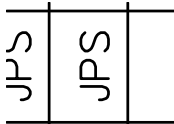
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Page Label: 4
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

NOTE: RETAINING WALL STRUCTURAL DESIGN SHALL BE BASED ON AVAILABLE GEO GRID DISTANCE TO PROPERTY LINE; SPECIAL DETAILS SHALL BE PROVIDED WHERE STORM INLET BOX IS LOCATED BEHIND WALL.



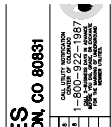
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Author: AutoCAD SHX Text
Date:
Color:

RESTRICTOR PLATE DETAIL C



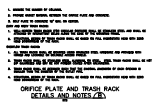
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JPS



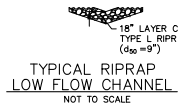
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Date:
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1-800-922-1987



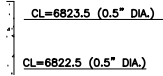
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
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TRASH RACKS SHALL BE DESIGNED SUCH THAT THE DIAGONAL DIMENSION OF EACH OPENING IS



Subject: TYPICAL RIPRAP
Page Label: 4
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Status:
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Author: AutoCAD SHX Text
Date:
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E OPENING

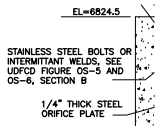


Subject: CL=6823.5 (0.5" DIA.)
Page Label: 4
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Status:
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Date:
Color:

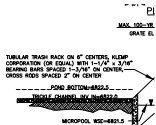
EMERGENCY
SPILLWAY
EL.=6825.5



Subject: EL.=6825.5
Page Label: 4
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Date:
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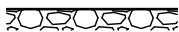


Subject: STAINLESS STEEL BOLTS OR INTERMITTANT WELDS, SEE UDFCD FIGURE OS-5 AND OS-6, SECTION B
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: TUBULAR TRASH RACK ON 6" CENTERS, KLEMP CORPORATION (OR EQUAL) WITH 1-1/4" x 3/16" BEARING BARS SPACED 1-3/16" ON CENTER, CROSS RODS SPACED 2" ON CENTER
Page Label: 4
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Author: AutoCAD SHX Text
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TOP OF BERM
EL.=6826.5



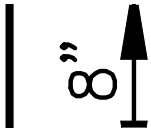
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Author: AutoCAD SHX Text
Date:
Color:

STANDARD 8"
BLOCK UNIT
(AMASTONE OR
APPROVED EQUAL)

Subject: (AMASTONE OR
Page Label: 4
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Status:
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Author: AutoCAD SHX Text
Date:
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1.

Subject: 1.
Page Label: 4
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Author: AutoCAD SHX Text
Date:
Color:



Subject: 8"
Page Label: 4
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Status:
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Author: AutoCAD SHX Text
Date:
Color:

SECTION
POND OUT
SCALE: NTS

Subject: SECTION
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: BEFORE YOU DIG, GRADE, OR EXCAVATE
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
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C-MODIFIED

WQCV ORIFICE PLATE

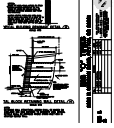
Subject: WQCV ORIFICE PLATE
Page Label: 4
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Status:
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Author: AutoCAD SHX Text
Date:
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50903

PH: 719-477-9429
FAX: 719-471-0766
www.jpsegr.com

Subject:
Page Label: 4
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Author: AutoCAD SHX Text
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Subject:
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Author: AutoCAD SHX Text
Date:
Color:

6985 N. MERIDIAN ROAD, PEYTON, CO 80831



Subject:
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Author: AutoCAD SHX Text
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ORIFICE

EL=6824.5

Subject:
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Author: AutoCAD SHX Text
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EL=6824.5

6"

Subject:
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
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6"

CD FIGURE OS-5 AND
6, SECTION B

1/4" THICK STEEL
ORIFICE PLATE

Subject:
Page Label: 4
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
Color:

1/4" THICK STEEL ORIFICE PLATE

3. BOLT PLATE TO CONCRETE 1/2" DIA. ON CENTER.
SEE AND REFER THESE NOTES.
1. ALL DIMENSIONS UNLESS NOTED OTHERWISE SHALL BE IN FEET AND INCHES.
2. DIMENSIONS OF THIS PANEL SHALL BE BASED ON FULL SIZE CONSTRUCTION OF THE PANEL.
OVERLAP TRIM PANELS
1. ALL TRIM PANELS SHALL BE INSTALLED USING STAINLESS STEEL WEDGES AND LOCKWASHERS OF MATCHING ACCESS PANELS.
2. TRIM PANELS SHALL BE INSTALLED USING STAINLESS STEEL WEDGES AND LOCKWASHERS OF MATCHING ACCESS PANELS.
3. TRIM PANELS SHALL BE INSTALLED USING STAINLESS STEEL WEDGES AND LOCKWASHERS OF MATCHING ACCESS PANELS.
4. DIMENSIONS OF TRIM PANELS SHALL BE BASED ON FULL SIZE CONSTRUCTION OF THE PANEL.
ORIFICIAL PLATE AND TRIM

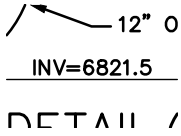
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Page Label: 4
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Status:
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Author: AutoCAD SHX Text
Date:
Color:

HINGED AND LOCKABLE OR BOLTABLE
ACCESS PANELS.



Subject:
Page Label: 4
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Checkmark: Unchecked
Author: AutoCAD SHX Text
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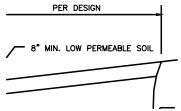
6"



DETAIL /

Subject:
Page Label: 4
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Author: AutoCAD SHX Text
Date:
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INV=6821.5



Subject:
Page Label: 4
Lock: Unlocked
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Author: AutoCAD SHX Text
Date:
Color:

8" MIN. LOW PERMEABLE SOIL



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

SCALE: 1"=2'



Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

6"

SHEET:

Subject:
Page Label: 4
Lock: Unlocked
Status:
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Author: AutoCAD SHX Text
Date:
Color:

SHEET:

2.

Subject:
Page Label: 4
Lock: Unlocked
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Author: AutoCAD SHX Text
Date:
Color:

2.

ENGINEERING

19 E. Willamette Ave.
Colorado Springs, CO
80903

PH: 719-477-9429

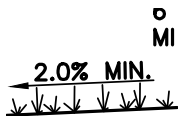
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Page Label: 4
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Author: AutoCAD SHX Text
Date:
Color:

19 E. Willamette Ave.

CL=6823.5 (0.5" DIA.)
CL=6822.5 (0.5" DIA.)
CL=6821.5 (0.5" DIA.)

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

CL=6822.5 (0.5" DIA.)



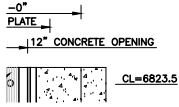
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Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
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2.0% MIN.

VERT. SCALE
SURVEYED:
R11
CREATED: 11

Subject:
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:

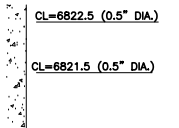
SURVEYED:



Subject: 12" CONCRETE OPENING
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: *
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: CL=6821.5 (0.5" DIA.)
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



Subject: STRUCTURAL DESIGN OF TRASH RACKS SHALL BE BASED ON FULL HYDROSTATIC HEAD WITH ZERO
Page Label: 4
Lock: Unlocked
Status:
Checkmark: Unchecked
Author: AutoCAD SHX Text
Date:
Color:



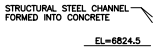
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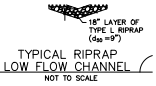
Subject: B
Page Label: 4
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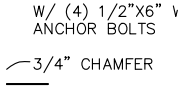
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