

NOT TO SCALE

DEVELOPER:

CIVIL ENGIN

LOCAL ROAD & DRAINAGE

NOTE: NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED AND APPROVED IN WRITING TO BE ACCEPTABLE.

BENCHMARK: NGS BENCHMARK "R 76". ELEVATION=6289.86 (NAVD-1988)

WOODFORD MANUFACTURIN BUILDING ADDITION

LOT 1, BLOCK 1, WAYNOKA ROAD INDUSTRIAL 2121 WAYNOKA ROAD, COLORADO SPRINGS 809

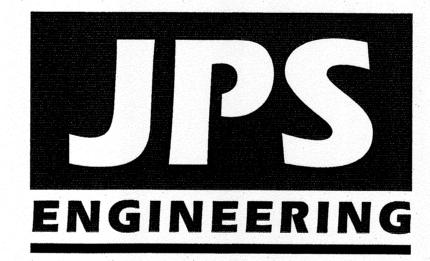
GRADING AND EROSION CONTROL PLAN El Paso County, Colorado

PREPARED FOR:

HAMMERS CONSTRUCTION 1411 WOOLSEY HEIGHTS

COLORADO SPRINGS, CO 80915

PREPARED BY:

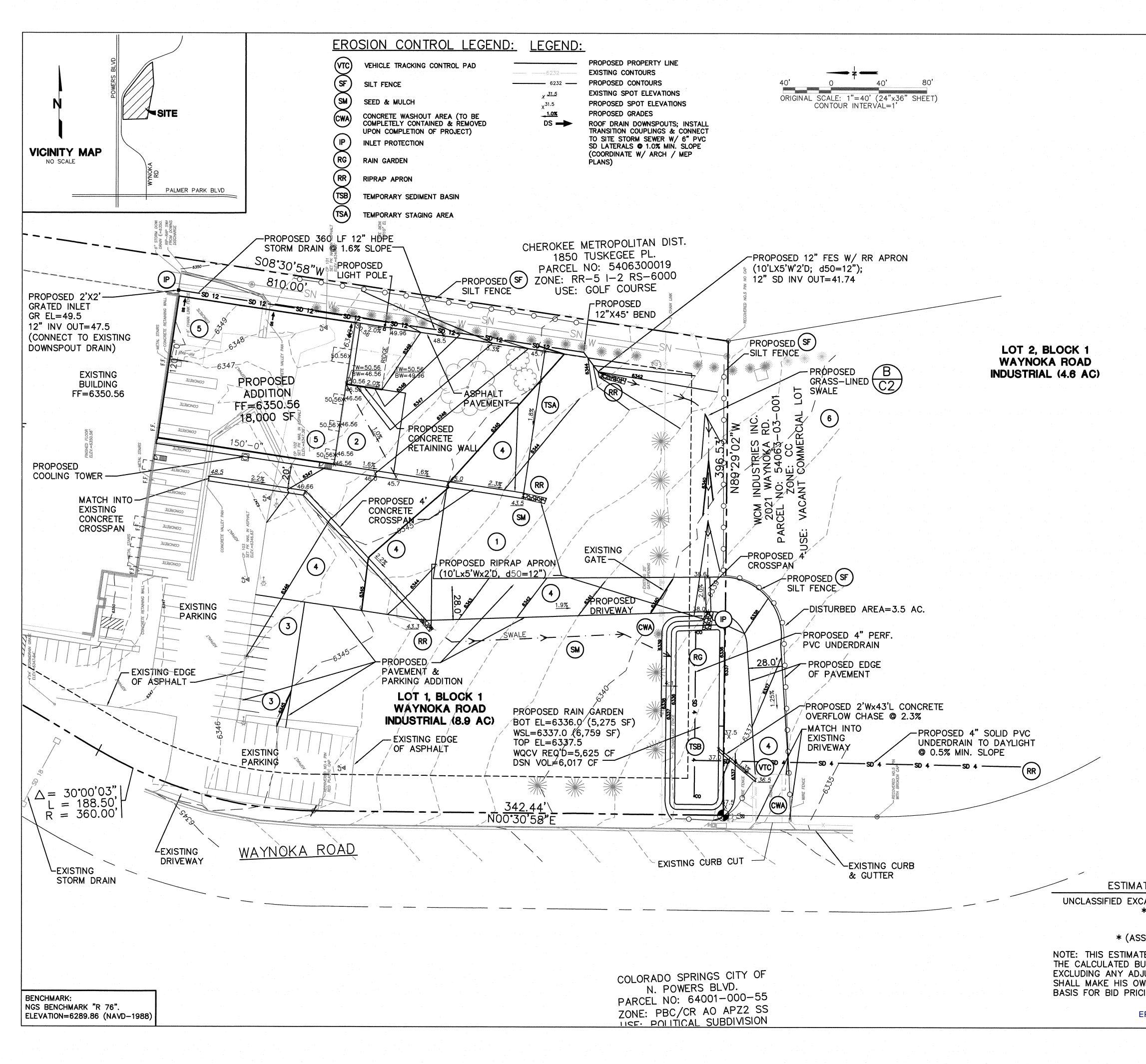


19 East Willamette Avenue Colorado Springs, Colorado 80903 OCTOBER, 2018

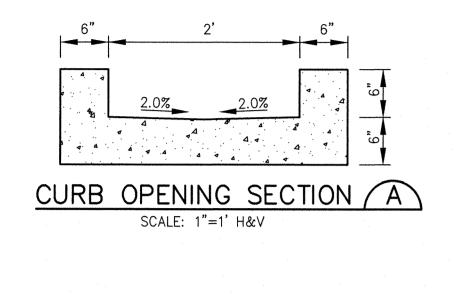
AGENCIES/CONTACTS

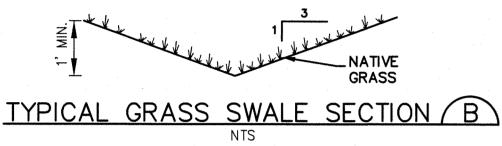
				APPROVAL
R:	HAMMERS CONSTRUCTION 1411 WOOLSEY HEIGHTS	GAS DEPARTMENT:	BLACK HILLS ENERGY MR. SEBASTIAN SCHWENDER	COMPLETE
	COLORADO SPRINGS, CO 80915 MR. JOE BUTLER		(719) 359-3176	FILED IN AC
	(719) 570-1599			LAND DEVE
	(719) 570-1599	ELECTRIC DEPARTMENT:	MOUNTAIN VIEW ELECTRIC ASSOCIATION 11140 E. WOODMEN ROAD	CRITERIA
NEER:	JPS ENGINEERING, INC.		COLORADO SPRINGS, CO 80908	IN ACCOR
	19 E. WILLAMETTE AVENUE		MR. DAVE WALDNER	DOCUMENT
	COLORADO SPRINGS, CO 80903		(719) 495-2283	YEARS FR
	MR. JOHN P. SCHWAB, P.E.	TELEPHONE COMPANY:	OWEST COMMUNICATIONS	IF CONSTR
	(719) 477–9429	TELEFHONE COMFANT.	QWEST COMMUNICATIONS (LOCATORS) (800) 922-1987	PLANS WIL PAYMENT
ADS	EL PASO COUNTY PCD			DEVELOPM
GE:	2880 INTERNATIONAL CIRCLE		A.T. & T.	DEVELOPM
	COLORADO SPRINGS, CO 80910		(LOCATORS) (719) 635-3674	Ap
	MR. GILBERT LAFORCE, P.E.			El Pa on b
	(719) 520-7945	FIRE DEPARTMENT:	FALCON FIRE PROTECTION DISTRICT	
	(719) 520-7945		(719) 495–4050	JENNIFER I
			(113) 433-4030	COUNTY EN
		그는 것 같아요. 그는 것 같은 것 같아요. 것 같아요. 정말 것 것 같아요. 지난 것 같아요. 것 같아요. 소리는 것 같아요. 것	승규는 것은 것은 것은 것을 것을 하는 것이 같아요. 이렇게 집에 있는 것은 것은 것은 것이 있는 것이 같아요. 이렇게 집에 가지 않는 것이 같아요. 이렇게 집에 있는 것이 같아요. 이렇게 나는 것이 나는 것이 같아요. 이렇게 하는 것이 없는 것이 없는 것이 없는 것이 없다. 이렇게 집에 있는 것이 없는 것이 없는 것이 없다. 이렇게 집에 있는 것이 없는 것이 없는 것이 없는 것이 없다. 이렇게 집에 있는 것이 없는 것이 없는 것이 없다. 이렇게 집에 있는 것이 없는 것이 없는 것이 없다. 이렇게 집에 있는 것이 없는 것이 없는 것이 없는 것이 없다. 이렇게 집에 있는 것이 없는 것이 없는 것이 없다. 이렇게 집에 있는 것이 없는 것이 없는 것이 없다. 이렇게 있는 것이 없는 것이 없는 것이 없는 것이 없다. 이렇게 집에 있는 것이 없는 것이 없는 것이 없는 것이 없다. 이렇게 있는 것이 없는 것이 없는 것이 없는 것이 없다. 이렇게 있는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없다. 것이 없는 것이 없는 것이 없는 것이 없는 것이 없다. 것이 없는 것이 없다. 같이 없는 것이 없	

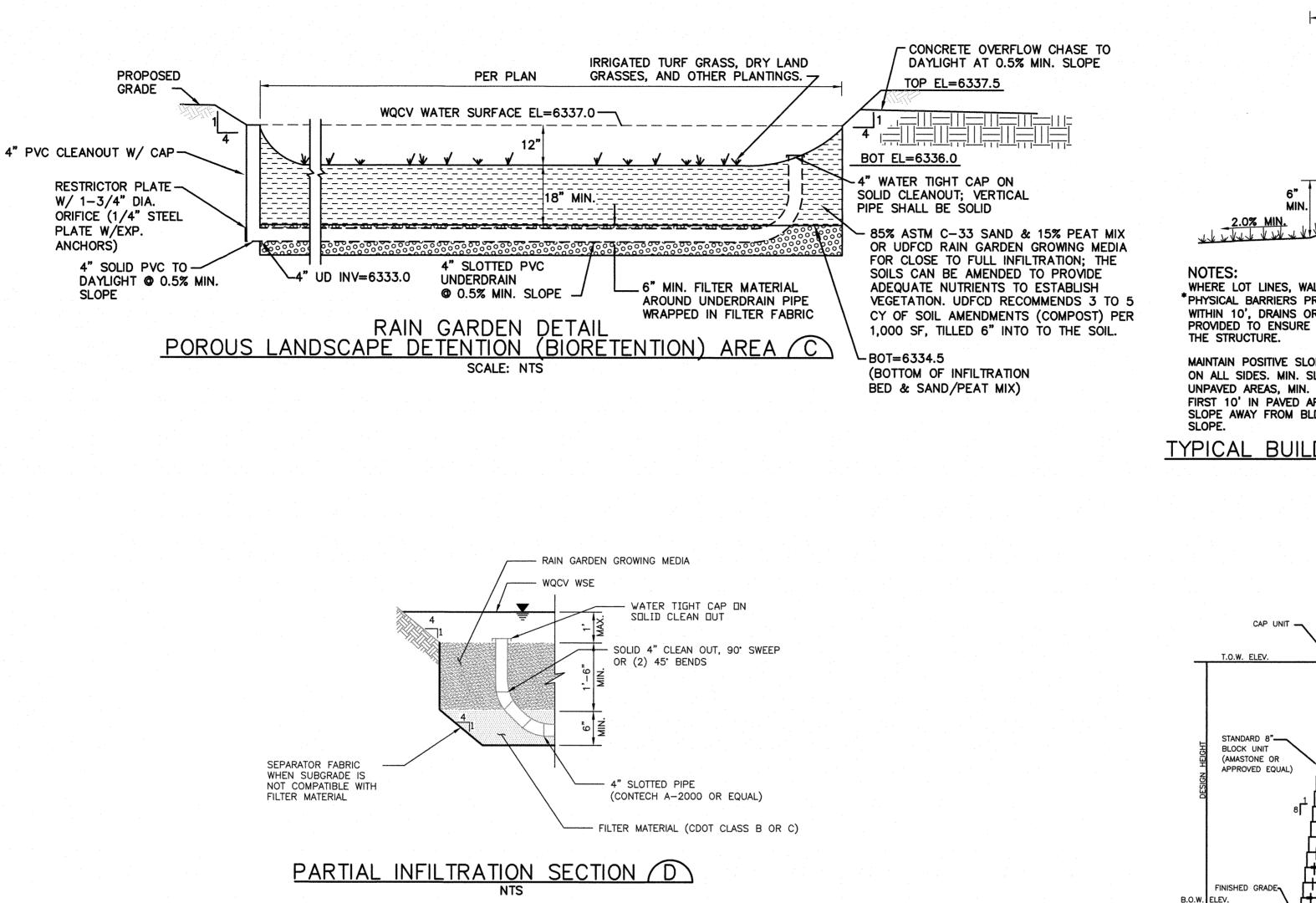
RING	Z	JPS ENGINEERING
RIAL 80915	ADDITION	19 E. Willamette Ave. Colorado Springs, CO 80903 PH: 719-477-9429 FAX: 719-471-0766 www.jpsengr.com
ANS	JILDING A	CALL UTILITY NOTIFICATION CENTER OF COLORADO 800-922-1987 L 2-BUSINESS DAYS IN ADVANCE RE YOU DIG, GRADE, OR EXCAVATE RE YOU DIG, GRADE, OR EXCAVATE RE YOU DIG, GRADE, OR EXCAVATE RE YOU DIG, GRADE, OR EXCAVATE MEMBER UTILITIES.
SHEET INDEX G1 GEC TITLE SHEET C1.1 SITE GRADING & EROSION CONTROL PLAN C2 CIVIL NOTES & DETAILS C3 GRADING & EROSION CONTROL NOTES AND DETAILS	NG PRINGS, CC	BY DATE JPS 7/24/18 JPS 9/14/18 JPS 10/12/18
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 KAN HAR AND BELIEF. I ACCEPT RESPONSIBILITY FOR LIABILITY OF THE SED FOR TO THE SE DETAILED PLANS AND SPECIFICATIONS. JOHN P. SCHWAB, P.E. #29891	NUFACTURIN N RD, COLORADO S	No. REVISION DP SUBMITTAL COUNTY COMMENTS COUNTY COMMENTS COUNTY COMMENTS
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. HAMMERS CONSTRUCTION 1411 WOOLSEY HEIGHTS COLORADO SPRINGS, CO 80915	PD MAI 21 WAYNOK/	SHEFT
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	DODFO	GEC TITLE S
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.	HORZ. SCALE: 1*= VERT. SCALE: SURVEYED: CREATED: 9/14, PROJECT NO:	20' DRAWN: MSP 20' DESIGNED: JPS 20' DESIGNED: JPS CHECKED: JPS LAST MODIFIED:
COUNTY ENGINEER / ECM ADMINISTRATOR PCD PROJECT NO. PPR-1837	SHEET:	G1

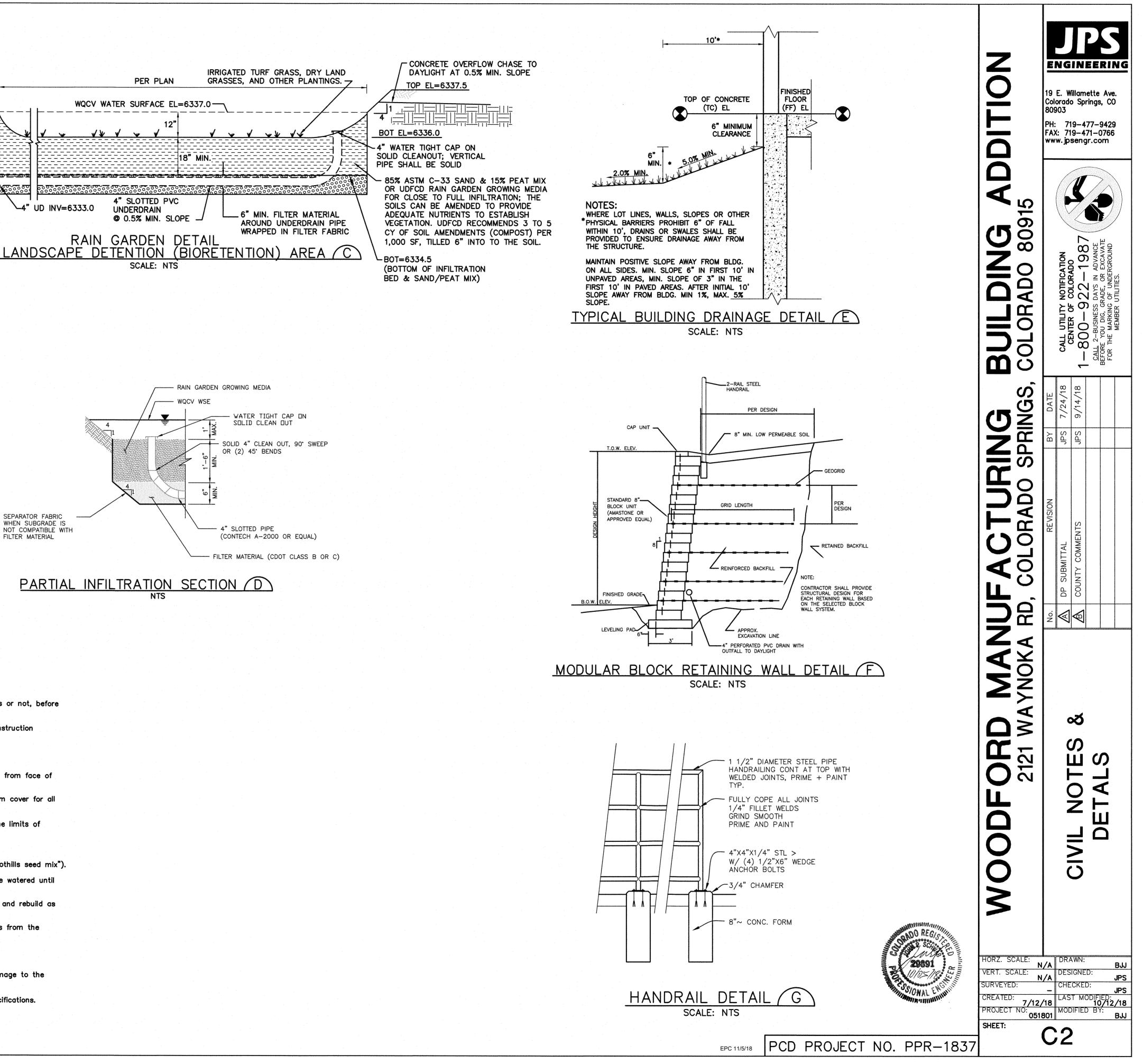


	TION	19 E. Willamette Ave. Colorado Springs, CO 80903 PH: 719-477-9429
	G ADDI 80915	FAX: 719-471-0766 www.jpsengr.com
	BUILDIN COLORADO 8	CALL UTILITY NOTIFICATION CENTER OF COLORADO 1-800-922-198 CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATION FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.
	JRINGS, DO SPRINGS,	BY DATE JPS 7/24/18 JPS 9/18/18 JPS 10/12/18
<u>KEYED NOTES:</u> 1) TOPSOIL STRIPPING / STOCKPILE AREA 2) 6" CONCRETE PAVEMENT (PER 3) 3" ASPHALT PAVEMENT (PER 3) 3" ASPHALT PAVEMENT (PER 3) 3" ASPHALT PAVEMENT (PER	UFACTI RD, COLORAI	No. REVISION DP SUBMITTAL COUNTY COMMENTS COUNTY COMMENTS
 4 5" ASPHALT PAVEMENT (PER GEOTECHNICAL REPORT) 5 PREPARE & COMPACT BUILDING FOUNDATION, SLABS, & PAVEMENT PER PROJECT GEOTECHNICAL REPORT 6 CONTRACTOR MAY WASTE EXCESS CUT OR BORROW SUITABLE FILL MATERIAL FROM THIS AREA; MAINTAIN POSITIVE DRAINAGE & MATCH INTO EXISTING GRADES W/ 3:1 MAX. SLOPES 	ZD MAN MAYNOKA	EROSION
29091 29091 35 STONAL ENGLISH	WOODFOR 2121	GRADING & CONTROL PI
TED EARTHWORK QUANTITY: CAVATION (TOTAL CUT) = 374 CY * EMBANKMENT FILL = 1,357 CY NET (FILL) = 983 CY SUMES 15% COMPACTION FACTOR) TE IS PROVIDED FOR INFORMATION ONLY, REPRESENTING ULK EARTHWORK VOLUME TO FINISHED GRADE, JUSTMENT FOR PAVEMENT DEPTHS, ETC. CONTRACTOR WN DETERMINATION OF EARTHWORK QUANTITIES AS CING AND NOTIFY ENGINEER OF ANY DISCREPANCIES.	HORZ. SCALE: 1"=- VERT. SCALE: N SURVEYED: CREATED: 7/06/ PROJECT NO: 0518 SHEET:	A DESIGNED: JPS CHECKED: JPS (18 LAST MODIFIED: 10/12/18 MODIFIED BY: BJ
PCD PROJECT NO. PPR-1837		C1.1









GENERAL CIVIL NOTES

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.

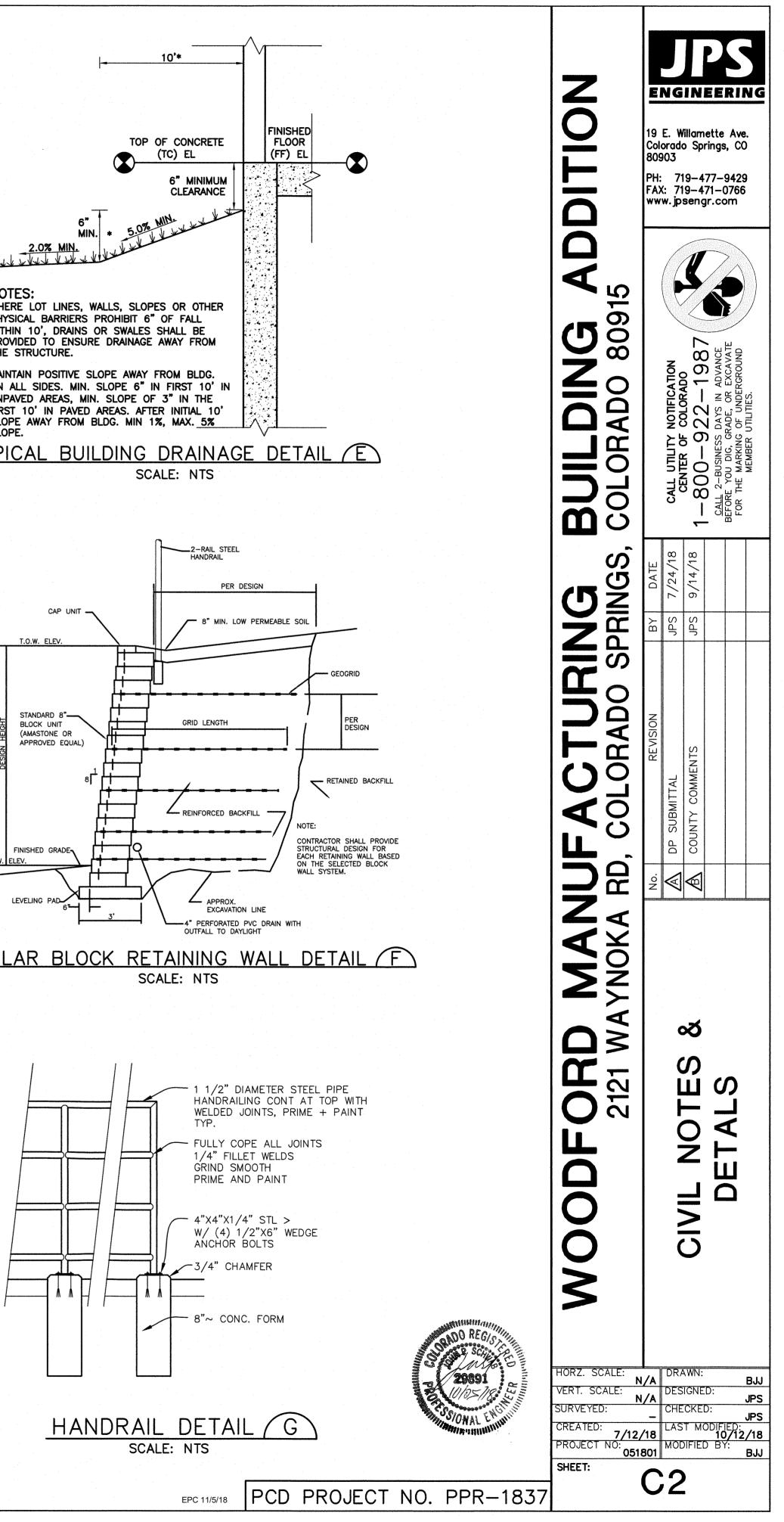
14. The contractor will take the necessary precautions to protect existing utilities from damage due to this operation. Any damage to the utilities will be repaired at the contractor's expense, and any service disruption will be settled by the contractor.

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 crosspan 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.





STANDARD NOTES FOR EL PASO COUNTY GRADING AND EROSION CONTROL PLANS

- 1. Construction may not commence until a Construction Permit is obtained from Development Services and a Preconstruction Conference is held with Development Services Inspectors.
- 3. Notwithstanding anything depicted in these plans in words or graphic representation, all design and construction related to roads, storm drainage and erosion control shall conform to the standards and requirements of the most recent version of the relevant adopted EI Paso
- 4. A separate Stormwater Management Plan (SMWP) for this project shall be completed and an Erosion and Stormwater Quality Control Permit (ESQCP) issued prior to commencing construction. 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.
- 5. 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 DSD inspections staff.
- 6. 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.
- 7. 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.
- 8. All persons engaged in earth disturbance shall implement and maintain acceptable soil erosion and sediment control measures including BMPs in conformance with the erosion control technical standards of the Drainage Criteria Manual (DCM) Volume II and in accordance with the Stormwater Management Plan (SWMP).
- 9. 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.
- 10. 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.
- 11. 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.
- 12. 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.
- 13. Erosion control blanketing is to be used on slopes steeper than 3:1
- 14. 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.
- 15. Vehicle tracking of soils and construction debris off-site shall be minimized. Materials tracked offsite shall be cleaned up and properly disposed of immediately.
- 16. Contractor shall be responsible for the removal of all wastes from the construction site for disposal in accordance with local and State regulatory requirements. No construction debris, tree slash, building material wastes or unused building materials shall be buried; dumped, or discharged at the site.
- 17. 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 appurtenances as a result of site development.
- manufacturer's labels. 19. 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.
- 20. Bulk storage structures for petroleum products and other chemicals shall have adequate protection so as to contain all spills and prevent any spilled material from entering State Waters, including any surface or subsurface storm drainage system or facilities.
- 21. No person shall cause the impediment of stormwater flow in the flow line of the curb and gutter or in the ditchline.
- 22. 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.
- 23. All construction traffic must enter/exit the site at approved construction access points.
- 24. Prior to actual construction the permitee shall verify the location of existing utilities.
- 25. A water source shall be available on site during earthwork operations and utilized as required to minimize dust from earthwork equipment and wind.
- 26. The preliminary soils report for this site prepared by Entech Engineering, dated 2/18/13 shall be considered a part of these plans.
- 27. 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

2. 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. 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.

18. 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

ESTIMATED TIME SCHEDULE:

INSTALL BMP'S SITE GRADING SEEDING & MULCHING STABILIZATION TOTAL DISTURBED AREA: 3.5 ACRES RECEIVING WATERS: SAND CREEK

SEPTEMBER, 2018 SEPTEMBER, 2018 APRIL, 2019 AUGUST, 2020

CONFORM TO CDOT

EXISTING VEGETATION: NATIVE GRASSES (APPROXIMATELY 70 PERCENT COVERAGE)

GRASS		BS. PER ACE
CRESTED WHEAT GRASS PERENIAL RYE	EPHRAIM OR HYCREST	4.0 LBS. 2.0 LBS.
WESTERN WHEATGRASS	SARTON	3.0 LBS.
SMOOTH BROME GRASS	••••••	
SIDEOATS GRAMA	EPHRAIM	2.5 LBS.
· ·	TOTAL:	16.5 LBS.
SEEDING & FERTILIZER A		ILL SEED O

SPEC-SECTION 213. SEDIMENT CONTROL MAINTENANCE PROGRAM:

FREQUENCY 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

MULCHING APPLICATION:

¹ AND AFTER ANY PRECIPITATION OR SNOW MELT EVENT THAT CAUSES SURFACE EROSION. ²ACCUMULATED 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.

Concrete Washout Area (CWA)
VEH 3:1 3:1 4 * MIN 3:1 4 * MIN 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
12" TYP. COMPACTED BERM AROUND 124 THE PERIMETER
UNDISTURBED OR 123 MIN. 31 COMPACTED SOIL 8 X 8 MIN. CONTROL (SEE
SECTION A
CWA-1. CONCRETE WASHOUT AREA
CWA INSTALLATION NOTES
1. SEE PLAN VIEW FOR: -CWA INSTALLATION LOCATION.
2. DO NOT LOCATE AN UNLINED CWA WITHIN 400' OF ANY NATURAL DRAINAGE WATERBODY. DO NOT LOCATE WITHIN 1,000' OF ANY WELLS OR DRINKING WATE SITE CONSTRAINTS MAKE THIS INFEASIBLE, OR IF HIGHLY PERMEABLE SOLS EX THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (18 MIL MIN. THIC SURFACE STORAGE ALTERNATIVES USING PREFABRICATED CONCRETE WASHOUT D LINED ABOVE GROUND STORAGE ARE SHOULD BE USED.
3. THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE,
4. CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 8' BY 8' LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER. THE PIT SI LEAST 3' DEEP.
5. BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM H
6. VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CWA.
 SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, A ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA OF CONCRETE TRUCKS AND PUMP RIGS.
8. USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.
November 2010 Urban Drainage and Flood Control District

Urban Storm Drainage Criteria Manual Volume 3



