THE CLUBHOUSE AT FLYING HORSE NORTH
GRADING & EROSION CONTROL PLANS

THE ELY PORTION OF TR. K, FLYING HORSE NORTH FIL. NO. 1 DESC BY REC. NO. 223099750, LY SLY OF LOTS 32 & 33, FLYING HORSE NORTH FIL. NO. 1, WLY OF ALLEN RANCH RD, NLY & ELY OF A TR. DESC BY REC. NO. 219118987
COUNTY OF EL PASO, STATE OF COLORADO

LEGAL DESCRIPTION:

THE ELY PORTION OF TR. K, FLYING HORSE NORTH FIL. NO. 1 DESC BY REC. NO. 223099750, LY SLY OF LOTS 32 & 33, FLYING HORSE NORTH FIL. NO. 1, WLY OF ALLEN RANCH RD, NLY & ELY OF A TR. DESC BY REC. NO. 219118987

FLOODPLAIN NOTE:

THIS PROPERTY IS NOT LOCATED WITHIN A DESIGNED FEMA FLOODPLAIN AS DETERMINED BY THE FLOOD INSURANCE RATE MAP, COMMUNITY MAP NUMBER '08041C0315G' EFFECTIVE DATE 7, 2018.

GEOHAZARD NOTE:

PER THE AFOREMENTIONED SOILS & GEOHAZARD REPORT, NO GEOHAZARDS ARE IDENTIFIED ON THIS SITE.

PROJECT INFO:

TOTAL DISTURBANCE AREA = 9.35 AC

RECEIVING WATERS: BLACK SQUIRREL CREEK, EAST CHERRY CREEK

ANTICIPATED START OF CONSTRUCTION: SUMMER 2025

ANTICIPATED END OF LAND DISTURBANCE: SUMMER 2026

ANTICIPATED FINAL STABILIZATION: FALL 2026

PROJECT PHASING:

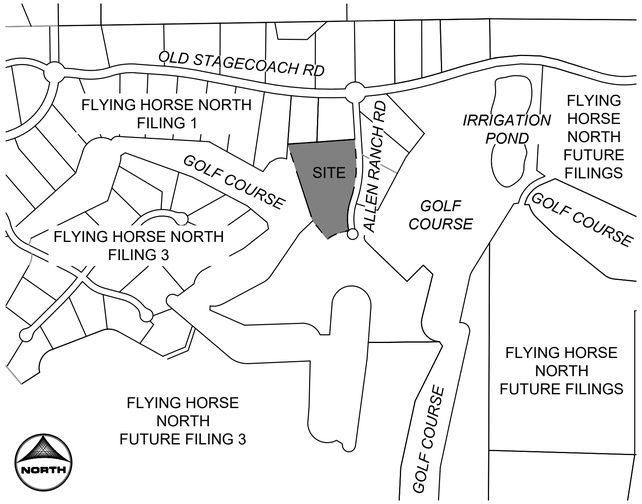
INITIAL: INSTALLATION OF PERIMETER CONTROLS SUCH AS SILT FENCE AND VEHICLE TRACKING, CLEARING AND GRUBBING OF CLUBHOUSE SITE & EXPANDED SECTION OF ALLEN RANCH ROAD

INTERIM: ESTABLISH SSA & CWA, INSTALL WET UTILITIES, CONSTRUCT ONSITE IMPROVEMENTS, INSTALL TEMPORARY CONTROL MEASURES SUCH AS INLET PROTECTIONS, DRAINAGE SWALE, & SCL'S.

FINAL: FINALIZE ONSITE LANDSCAPING (REF. LANDSCAPE PLANS). CONSTRUCT ALLEN RANCH ROAD IMPROVEMENTS. COMPLETE PERMANENT SEEDING AND MULCHING & EROSION CONTROL BLANKETING OF REMAINING AREAS OF LOD FOR STABILIZATION. PERFORM VISUAL INSPECTION TO ADJACENT EX. VEGETATION & REMOVE PERIMETER CONTROLS.

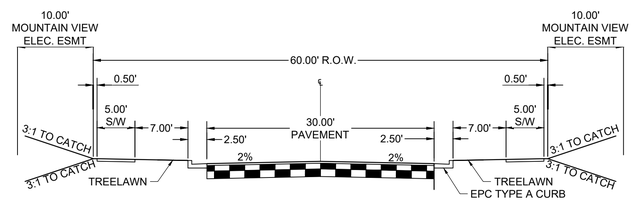
GRADING & EROSION CONTROL PLAN NOTES:

1. SEE SHEETS 12-13 FOR EL PASO COUNTY GRADING AND EROSION CONTROL DETAILS.
2. ALL STORMWATER MANAGEMENT MEASURES SHOWN ON THIS PLAN MUST BE INSTALLED AND MAINTAINED PER THE EL PASO COUNTY GRADING AND EROSION CONTROL DETAILS.
3. NO NOTABLE VEGETATION FOUND WITHIN SITE EXCEPT FOR NATIVE GRASSES/WEEDS AND SPARSE PINE TREES. TREES TO BE UNDISTURBED WHERE FEASIBLE (SEE LANDSCAPE PLANS). VISUAL INSPECTION OF POST-CONSTRUCTION STABILIZATION TO EX. VEGETATION IS ACCEPTABLE.
4. AREA WITHIN LIMITS OF DISTURBANCE TO BE CLEARED, GRUBBED AND STOCKPILED PRIOR TO IMPORT OF ANY FILL.
5. ALL 3:1 SLOPES MUST BE RECEIVE EROSION CONTROL BLANKET.
6. STOCKPILES REQUIRED DURING ONSITE CONSTRUCTION ACTIVITIES WILL BE PLACED AT THE DISCRETION OF THE CONTRACTOR. STOCKPILING OF MATERIAL MUST NOT OCCUR OUTSIDE THE LIMITS OF DISTURBANCE SHOWN ON THIS PLAN.
7. NON-STRUCTURAL CONTROLS (I.E. STREET SWEEPING) WILL BE AT THE DISCRETION OF THE PROJECT'S CERTIFIED GEC ADMINISTRATOR THROUGHOUT THE DURATION OF LAND DISTURBING ACTIVITIES.
8. THERE ARE NO ANTICIPATED ASPHALT AND/OR CONCRETE BATCH PLANTS, OR MASONRY MIX STATIONS ASSOCIATED WITH THIS PROJECT. IF THE CONTRACTOR REQUIRES A ASPHALT/CONCRETE BATCH PLANTS OR MASONRY MIX STATIONS, THESES PLANS WILL BE AMENDED AS REQUIRED.
9. THERE ARE NO EXISTING PRESERVATION EASEMENTS, NO-BUILD AREAS, STREAMSIDE AREAS, OR FLOODPLAIN AREAS LOCATED ON SITE.

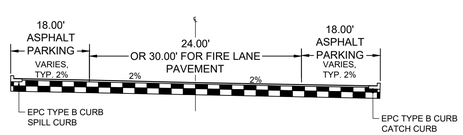


VICINITY MAP
N.T.S.

SHEET INDEX



TYPICAL MODIFIED URBAN RESIDENTIAL LOCAL CROSS SECTION
DESIGN SPEED: 25 MPH | POSTED SPEED: 25 MPH
SCALE: 1"=10'



TYPICAL PRIVATE DRIVE AISLE
DESIGN SPEED: 15 MPH | POSTED SPEED: 10 MPH
SCALE: 1"=10'
(ROADS USING THIS SECTION: PRIVATE DRIVES)

PROJECT CONTACTS:

OWNER/DEVELOPER
FLYING HORSE COUNTRY CLUB, LLC
2138 FLYING HORSE CLUB DRIVE
COLORADO SPRINGS, CO 80921
ATTN: DREW BALSICK
TELE: (719) 592-9333

APPLICANT
HR GREEN DEVELOPMENT, LLC.
1975 RESEARCH PKWY SUITE 160
COLORADO SPRINGS, CO 80921
TELE: (719) 394-2436
ATTN:BLAINE PARKINS
EMAIL:BLAINE.PERKINS@HRGREEN.COM

CIVIL ENGINEER
HR GREEN DEVELOPMENT, LLC.
1975 RESEARCH PKWY SUITE 160
COLORADO SPRINGS, CO 80921
TELE: (719) 394-2436
ATTN: RICHIE LYON, P.E.
EMAIL: RICHIE.LYON@HRGREEN.COM

GEOTECHNICAL ENGINEER
COMPANY: ENTECH ENGINEERING, INC
ADDRESS: 505 ELKTON DRIVE
COLORADO SPRINGS, CO 80907
TELE: (719) 531-5599
ATTN: JOE GOODE
EMAIL: JGOODE@ENTECH-ENGINEERING.COM

TRAFFIC ENGINEER
SM ROCHA,LLC.
8703 YATES DRIVE, STE 210
WESTMINSTER, CO 80031
TELE: (303) 458-9798
ATTN: MIKE ROCHA
EMAIL: MIKE@SMROCHA.COM

SURVEYOR
EDWARD-JAMES SURVEYING, INC.
926 ELKTON DRIVE
COLORADO SPRINGS, CO 80907
TELE: (719) 576-1216
ATTN: JONATHAN W. TESSIN
EMAIL: JTESSIN@EJSURVEYING.COM

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, VOLUMES 1 AND 2, 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 DIRECTORS DISCRETION.

JOSHUA PALMER P.E. — DATE
COUNTY ENGINEER

DESIGN ENGINEER'S STATEMENT

THIS GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SAID PLAN HAS BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR GRADING AND EROSION CONTROL PLANS. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARING THIS PLAN.

RICHARD D. LYON, COLORADO P.E. NO. 53921 — DATE

OWNER/DEVELOPER'S STATEMENT:

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN.

DREW BALSICK, FLYING HORSE COUNTRY CLUB, LLC. — DATE
VICE PRESIDENT

EPC FILE #: _PPR-259_

DRAWN BY:	CVW	JOB DATE:	5/21/2025
APPROVED:	RDL	JOB NUMBER:	2403816
CAD DATE:	5/29/2025		
CAD FILE:	J:\2024\2403816\CAD\Dwgs\C\CDs\GEC\CS01		

BAR IS ONE INCH ON OFFICIAL DRAWINGS.
0 — 1"
IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION

HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

THE CLUBHOUSE AT FLYING HORSE NORTH
FLYING HORSE COUNTRY CLUB, LLC.
COLORADO SPRINGS, COLORADO

GRADING & EROSION CONTROL PLANS
COVER

SHEET CV01 | 01

HR GREEN Xrefs: xv-dsgn-1030; xv-row-1030; xv-utl-1030; xc-dsgn_2403816; xc-dsgn-030.202; Vicinity_Map; xc-row-030.202; xc-util_2403816; xgl-1--dh01; PROJECT SPECIFIC NOTES

THE CLUBHOUSE AT FLYING HORSE NORTH
GRADING & EROSION CONTROL PLANS

THE ELY PORTION OF TR. K, FLYING HORSE NORTH FIL. NO. 1 DESC BY REC. NO. 223099750, LY SLY OF LOTS 32 & 33, FLYING HORSE NORTH FIL. NO. 1, WLY OF ALLEN RANCH RD, NLY & ELY OF A TR. DESC BY REC. NO. 219118987
COUNTY OF EL PASO, STATE OF COLORADO

GRADING AND EROSION CONTROL NOTES:

1. 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 (EPC) STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE (LDC), THE ENGINEERING CRITERIA MANUAL (ECM), THE DRAINAGE CRITERIA MANUAL (DCM) VOLUME 1 AND 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.
2. A PRECONSTRUCTION MEETING BETWEEN THE PERMIT HOLDER(S) AND EL PASO COUNTY SHALL BE HELD PRIOR TO ANY CONSTRUCTION ACTIVITIES. IT IS THE RESPONSIBILITY OF THE PERMIT HOLDER(S) TO COORDINATE THE MEETING TIME AND PLACE WITH COUNTY STAFF. NO LAND DISTURBANCE OR CONSTRUCTION ACTIVITIES BEYOND THE INSTALLATION OF THE INITIAL CONSTRUCTION CONTROL MEASURES (CCMS), AS INDICATED ON THE APPROVED GEC PLAN OR CDS WITH GEC PLANS, MAY OCCUR PRIOR TO RECEIVING A NOTICE TO PROCEED (NTP) ISSUED BY THE ECM ADMINISTRATOR. FAILURE TO OBTAIN A NOTICE TO PROCEED PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES MAY RESULT IN AN IMMEDIATE STOP WORK ORDER (SWO).
3. CONSTRUCTION CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT OF ACTIVITIES THAT COULD CONTRIBUTE POLLUTANTS TO STORMWATER. STORMWATER RUNOFF FROM ALL DISTURBED AREAS AND SOIL STORAGE AREAS MUST UTILIZE OR FLOW TO ONE OR MORE CCM(S) TO MINIMIZE EROSION OR SEDIMENT IN THE DISCHARGE. THE CCM(S) MUST CONTAIN OR FILTER FLOWS IN ORDER TO PREVENT THE BYPASS OF FLOWS WITHOUT TREATMENT AND MUST BE APPROPRIATE FOR STORMWATER RUNOFF FROM DISTURBED AREAS AND FOR THE EXPECTED FLOW RATE, DURATION, AND FLOW CONDITIONS (E.G., SHEET OR CONCENTRATED FLOW).
4. ALL CCMS SHALL BE MAINTAINED AND REMAIN IN EFFECTIVE OPERATING CONDITION UNTIL FINAL STABILIZATION IS ACHIEVED. THE QUALIFIED STORMWATER MANAGER (QSM) SHALL ASSESS THE ADEQUACY OF CCMS AT THE SITE AND IDENTIFY IF CHANGES TO THOSE CCMS ARE NEEDED TO ENSURE THE CONTINUED EFFECTIVE PERFORMANCE OF THE CCMS.
5. PRIOR TO CONSTRUCTION THE PERMIT HOLDER(S) SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
6. MANAGEMENT OF THE STORMWATER MANAGEMENT PLAN (SWMP) DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE DESIGNATED QSM. THE SWMP SHALL BE LOCATED ON-SITE OR DIGITALLY ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES AND MUST BE IMPLEMENTED AS WRITTEN FROM THE START OF CONSTRUCTION ACTIVITY UNTIL FINAL STABILIZATION IS ACHIEVED. THE QSM SHALL AMEND THE SWMP WHEN THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE OF THE SITE WHICH WOULD REQUIRE THE IMPLEMENTATION OF NEW OR REVISED CCMS OR IF THE SWMP PROVES TO BE INEFFECTIVE IN CONTROLLING POLLUTANTS IN STORMWATER RUNOFF ASSOCIATED WITH CONSTRUCTION ACTIVITY OR WHEN CCMS ARE NO LONGER NECESSARY AND ARE REMOVED. THE QSM SHALL MAINTAIN A RECORD OF AMENDMENTS MADE TO THE SWMP THAT INCLUDES THE DATE AND IDENTIFICATION OF THE CHANGES.
7. EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY MINIMIZE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME. PRE-EXISTING VEGETATION SHALL BE PROTECTED AND MAINTAINED WITHIN 50 HORIZONTAL FEET OF A RECEIVING WATER UNLESS SHOWN TO BE INFEASIBLE AND SPECIFICALLY REQUESTED AND APPROVED. IN ADDITION TO MAINTAINING 50 HORIZONTAL FEET OF PRE-EXISTING VEGETATION UPGRADIENT OF A RECEIVING WATER (UNLESS INFEASIBLE AND APPROVED), THE PERMIT HOLDER(S) MUST INSTALL CCMS UPGRADIENT OF THE VEGETATIVE BUFFER.
8. TEMPORARY STABILIZATION MEASURES SHALL BE IMPLEMENTED ON DISTURBED AREAS AND STOCKPILES WHERE GROUND DISTURBING CONSTRUCTION ACTIVITY HAS PERMANENTLY CEASED OR TEMPORARILY CEASED FOR LONGER THAN 14 DAYS.
9. EROSION CONTROL BLANKET (ECB) OR OTHER APPROVED CONTROL MEASURE(S) SHALL BE USED ON SLOPES STEEPER THAN 3:1.
10. VEHICLE TRACKING CONTROLS (VTC) MUST BE IMPLEMENTED TO MINIMIZE VEHICLE TRACKING OF SEDIMENT FROM DISTURBED AREAS. VTCS MUST INCLUDE A STRUCTURE CONTROL MEASURE (E.G., TRACKING PAD) AND MAY INCLUDE A NON-STRUCTURAL CONTROL MEASURE (E.G., SWEEPING). MATERIAL TRACKED OFF-SITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
11. ANY TEMPORARY OR PERMANENT CONTROL MEASURE DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE A STABILIZED CONVEYANCE DESIGNED TO MINIMIZE EROSION AND THE DISCHARGE OF SEDIMENT OFF-SITE.
12. NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER, PERMANENT CONTROL MEASURES (PCMS), OR DITCHES EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.
13. ALL PCMS SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT AFFECT THE DESIGN OR FUNCTION OF PCMS MUST BE APPROVED BY THE ECM ADMINISTRATOR PRIOR TO IMPLEMENTATION.
14. SOIL COMPACTION MUST BE MINIMIZED IN AREAS WHERE INFILTRATION PCMS WILL BE INSTALLED OR IN AREAS WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER. AREAS DESIGNATED FOR INFILTRATION PCMS SHALL ALSO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED. IF SOIL COMPACTION DOES OCCUR IN AREAS WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER OR IN AREAS WHERE INFILTRATION PCMS WILL BE INSTALLED, DECOMPACTION OF THE SOIL MUST BE COMPLETED PRIOR TO PLANTING OR INSTALLATION OF THE PCM(S). AN INFILTRATION TEST MUST BE CONDUCTED FOR ALL INFILTRATION PCMS AND THE INFILTRATION TEST RESULTS SUBMITTED TO EL PASO COUNTY PRIOR TO PRELIMINARY ACCEPTANCE (PA).
15. FINAL STABILIZATION MUST BE IMPLEMENTED AT ALL APPLICABLE CONSTRUCTION SITES. FINAL STABILIZATION IS ACHIEVED WHEN ALL GROUND DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND PERMANENT STABILIZATION METHODS ARE COMPLETE. WHEN USING VEGETATIVE COVER AS A PERMANENT STABILIZATION METHOD, THE VEGETATION SHALL BE EVENLY DISTRIBUTED PERENNIAL VEGETATION AND OF THE VARIETY AND SPECIES FOUND IN THE COUNTY-APPROVED SEED MIXES OR IN THE APPROVED GEC PLAN. VEGETATION COVERAGE SHALL BE, AT A MINIMUM, EQUAL TO 70% OF WHAT WOULD HAVE BEEN PROVIDED BY NATIVE VEGETATION IN A LOCAL, UNDISTURBED AREA OR ADEQUATE REFERENCE SITE. ALL TEMPORARY CCMS SHALL BE REMOVED UPON FINAL STABILIZATION AND PRIOR TO STORMWATER PERMIT TERMINATION.
16. 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.
17. CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO BE DISCHARGED OFFSITE OR TO ENTER STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR CONTROL MEASURES. CONCRETE WASHOUT AREAS SHALL NOT BE LOCATED IN AN AREA WHERE SHALLOW GROUNDWATER MAY BE PRESENT, OR WITHIN 50 FEET OF A SURFACE WATER BODY, CREEK, OR STREAM.
18. DURING CONSTRUCTION DEWATERING OPERATIONS, UNCONTAMINATED GROUNDWATER MAY BE DISCHARGED ON-SITE IN ACCORDANCE WITH THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT'S (CDPHE) LOW RISK DISCHARGE GUIDANCE POLICY FOR DISCHARGES OF UNCONTAMINATED GROUNDWATER TO LAND. IF CONSTRUCTION DEWATERING OPERATIONS ARE UNABLE TO MEET ALL CRITERIA, CONDITIONS, AND CONTROL MEASURE REQUIREMENTS OF THE LOW RISK DISCHARGE GUIDANCE POLICY, A COLORADO DISCHARGE PERMIT SYSTEM (CDPS) GENERAL PERMIT COG080000 WILL BE REQUIRED.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTE 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.
20. THE PERMIT HOLDER(S) SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, SOIL, AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEMS AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.
21. 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.
22. 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. APPROPRIATE CMS SHALL BE UTILIZED BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES.
23. BULK STORAGE (I.E., INDIVIDUAL CONTAINERS OF 55 GALLONS OR GREATER) OF ALLOWED PETROLEUM PRODUCTS OR OTHER ALLOWED LIQUID SHALL REQUIRE ADEQUATE SECONDARY CONTAINMENT, OR EQUIVALENT PROTECTION, TO CONTAIN ALL SPILLS ON-SITE AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM, OR OTHER FACILITIES.
24. NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORMWATER ARE TO BE STORED OR USED ON-SITE UNLESS PERMISSION FOR THE USE OF SUCH CHEMICAL(S) IS GRANTED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING APPROVAL FOR THE USE OF SUCH CHEMICAL(S), SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
25. ON AREAS OF EXPOSED SOIL, MINIMIZE DUST THROUGH THE APPROPRIATE APPLICATION OF WATER OR OTHER DUST SUPPRESSION TECHNIQUES. WATER APPLICATION MUST BE CONDUCTED IN A MANNER TO PREVENT DISCHARGE OFFSITE UNLESS AUTHORIZED BY A CDPS OR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT.
26. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.
27. FOR SITES WHERE A SOILS REPORT IS REQUIRED, THE APPROVED SOILS REPORT FOR THIS SITE SHALL BE CONSIDERED A PART OF THESE PLANS.
28. PERMIT HOLDER(S) AND THEIR AGENTS SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL VOLUME 2, AND ENGINEERING CRITERIA MANUAL. ALL APPLICABLE LOCAL, STATE, AND FEDERAL PERMITS MUST BE OBTAINED PRIOR TO CONSTRUCTION. IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND OTHER LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, STATE, LOCAL, OR COUNTY AGENCIES, THE MOST RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
29. AT LEAST TEN (10) DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB ONE (1) ACRE OR MORE OR LESS THAN 1 ACRE AND PART OF A LARGER COMMON PLAN OF DEVELOPMENT OR SALE THAT WOULD DISTURB 1 OR MORE ACRES, THE PERMIT HOLDER(S) SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER DISCHARGE (COR400000 PERMIT) TO THE CDPHE WATER QUALITY DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A SWMP, OF WHICH THIS GEC 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

LEGEND

	EXISTING	PROPOSED
PROPERTY LINE		
EASEMENT LINE		
RIGHT OF WAY		
CENTERLINE		
FENCE	X X	
OVERHEAD ELEC.	OHE	OE
WATER MAIN	W	W
SANITARY MAIN		
STORM SEWER		
INDEX CONTOUR		
INTER. CONTOUR		
FIRE LANE STRIPING		
DELIVERY STRIPING		
ADA PATH		
RETAINING WALL		
LIMITS OF DISTURBANCE		
MAINTENANCE ACCESS (GRAVEL)		
LANDSCAPING		
PERMEABLE PAVERS		
CONCRETE PAVEMENT		
RIP RAP		
GATE VALVE		
HYDRANT		
WELL		

EPC FILE #: _PPR-259_

DRAWN BY:	CVW	JOB DATE:	5/21/2025
APPROVED:	RDL	JOB NUMBER:	2403816
CAD DATE:	5/29/2025		
CAD FILE:	J:\2024\2403816\CAD\Dwgs\C\CDs\GEC\CS01		

BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION

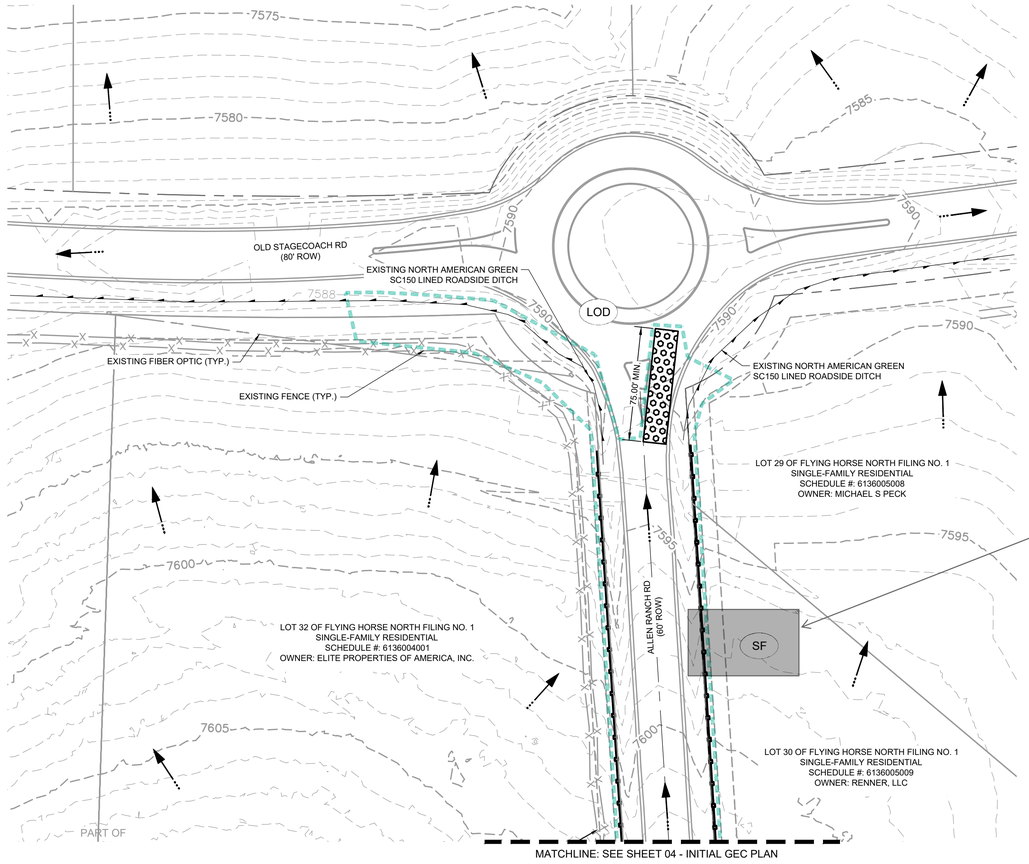
HRGreen
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

THE CLUBHOUSE AT FLYING HORSE NORTH
FLYING HORSE COUNTRY CLUB, LLC.
COLORADO SPRINGS, COLORADO

GRADING & EROSION CONTROL PLANS
LEGEND

SHEET LG01

01

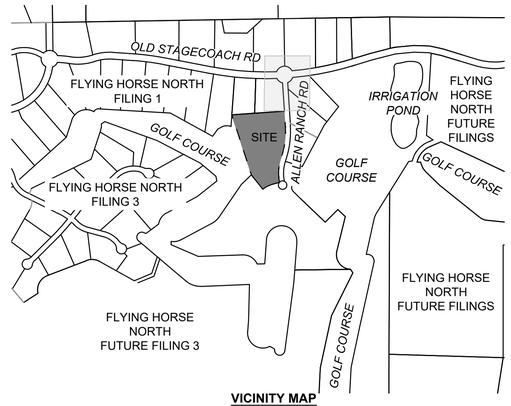


GEC LEGEND:

- TSB TRIBUTARY AREA
- CUT/FILL LINE
- LOD — LIMITS OF CONSTRUCTION/DISTURBANCE (CUT/FILL LIMIT)
- CWA — CONCRETE WASHOUT AREA
- ED/DS — EARTH DIKE / DIVERSION SWALE
- IP — INLET PROTECTION
- SCL — SEDIMENT CONTROL LOG
- SF — SILT FENCE
- SSA — STABILIZED STAGING AREA
- SP — STOCKPILE PROTECTION
- VTC — VEHICLE TRACKING CONTROL
- SM — TEMPORARY SEEDING AND MULCHING
- TSB — TEMPORARY SEDIMENT BASIN
- ECB — EROSION CONTROL BLANKET
- FLOW DIRECTION

Match SF linework and legend

ADDRESSED



VICINITY MAP
SCALE: NOT TO SCALE

NORTH
0 50
25

EPC FILE #: _PPR-259_

DRAWN BY:	CVW	JOB DATE:	5/28/2025
APPROVED:	RDL	JOB NUMBER:	2403816
CAD DATE:	5/29/2025		
CAD FILE:	J:\2024\2403816\CAD\Dwgs\C\CDs\GEC\GEC01		

BAR IS ONE INCH ON OFFICIAL DRAWINGS.
0 1"
IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION

HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 713.965.0044

THE CLUBHOUSE AT FLYING HORSE NORTH
FLYING HORSE COUNTRY CLUB, LLC.
COLORADO SPRINGS, COLORADO

GRADING & EROSION CONTROL PLANS
INITIAL GEC PLAN

SHEET GEC01 03

LOT 34 OF FLYING HORSE NORTH FILING NO. 1
PUD
SCHEDULE #: 6136004003
OWNER: SCOTT E AND NADINE M ALEXANDER

LOT 32 OF FLYING HORSE NORTH FILING NO. 1
PUD
SCHEDULE #: 6136004002
OWNER: PRI #2, LLC/
ELITE PROPERTIES OF AMERICA

LOT 32 OF FLYING HORSE NORTH FILING NO. 1
PUD
SCHEDULE #: 6136004001
OWNER: ELITE PROPERTIES OF AMERICA, INC.

EXISTING FLYING HORSE NORTH FILING NO. 1 DEVELOPMENT

ELECTRIC UTILITY BOXES

MATCHLINE: SEE SHEET 03 - INITIAL GEC PLAN

20.00' LANDSCAPE AND BUILDING SETBACK

EXISTING PROPERTY LINE

EX. CART BARN

CUT

FILL

PROPOSED PRIVATE ACCESS FIRE LANE

EXISTING PAVED PARKING LOT TO BE REMOVED

PR. ROAD CENTERLINES

EX. ASPHALT PARKING LOT EXTENTS

EX. CLUBHOUSE

METRO DISTRICT BOUNDARY (NOT A PROPERTY LINE)

ST

30' PAVEMENT

LOD

SF

LOT 30 OF FLYING HORSE NORTH FILING NO. 1
SINGLE-FAMILY RESIDENTIAL
SCHEDULE #: 6136005009
OWNER: RENNER, LLC

EXISTING WATER IRRIGATION STANDPIPE TO REMAIN IN PLACE W/ PROP. MASONRY AND BOLLARDS FOR PROTECTION

EX. LOT LINE

ALLEN RANCH ROAD
(MAJOR COLLECTOR MODIFIED URBAN)

EX. TRAIL AND FENCE TO BE REMOVED

EX. 18" RCP PUBLIC CULVERT TO BE REMOVED

EX. ENTRANCE TO BE REMOVED

H.P.

LOT 31 OF FLYING HORSE NORTH FILING NO. 1
SINGLE-FAMILY RESIDENTIAL
SCHEDULE #: 6136005010
OWNER: RYAN BOOGAARD

60.00' ROW

10.00' LANDSCAPE BUFFER

EX. 5.00' PUBLIC IMPROVEMENT EASEMENT (RESIDENTIAL LOTS)

EX. 10.00' MOUNTAIN VIEW ELECTRIC EASEMENT (RESIDENTIAL LOTS)

EX. HYDRANT TO BE RELOCATED

EX. GOLF CART PATH

EX. TEE TO REMAIN

EXISTING HOLE #1 TEE BOXES

EXISTING PUTTING GREEN

EX. 18" RCP PUBLIC CULVERT TO BE REMOVED

EXISTING CONCRETE CART PATH

10.00' LANDSCAPE AND BUILDING SETBACK

EX. 15.00' MOUNTAIN VIEW ELECTRIC EASEMENT (CLUBHOUSE & TRACT F FLYING HORSE NORTH FILING NO. 3)

TRACT F OF FLYING HORSE NORTH FILING NO. 3
FLYING HORSE NORTH GOLF COURSE
SCHEDULE #: 6136005042
OWNER: FLYING HORSE COUNTRY CLUB, LLC

EXISTING FENCE

12.5'

TRACT K OF FLYING HORSE NORTH FILING NO. 1
FLYING HORSE NORTH GOLF COURSE
SCHEDULE #: 6136004038
OWNER: FLYING HORSE COUNTRY CLUB, LLC

Add to legend

ADDRESSED

EX. GOLF CART PATH

EXISTING FENCE

TSB TRIBUTARY AREA

EXISTING TRACT LINE

EXISTING FENCE TO BE REMOVED ACROSS ROADWAY

TRACT A OF FLYING HORSE NORTH FILING NO. 3
VACANT RESIDENTIAL LOTS
SCHEDULE #: 6136005039
OWNER: FLYING HORSE DEVELOPMENT NORTH

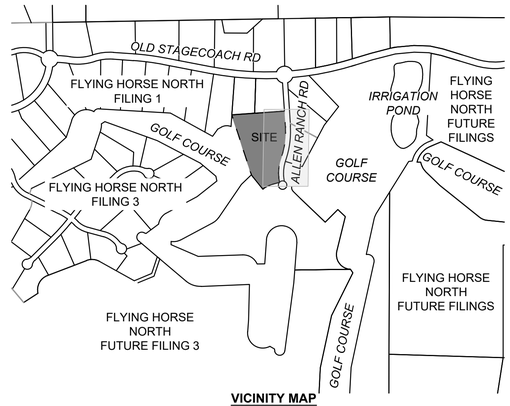
UNPLATTED LAND
VACANT AND UNDEVELOPED
SCHEDULE #: 616000008
OWNER: JEFFREY B SMITH

UNPLATTED LAND
VACANT AND UNDEVELOPED
SCHEDULE #: 616000008
OWNER: JEFFREY B SMITH

MATCHLINE: SEE SHEET 05 - INITIAL GEC PLAN

NORTH

0 50
25



VICINITY MAP
SCALE: NOT TO SCALE

GEC LEGEND:

- TSB TRIBUTARY AREA
- CUT/FILL LINE
- LOD — LIMITS OF CONSTRUCTION/DISTURBANCE (CUT/FILL LIMIT)
- CWA — CONCRETE WASHOUT AREA
- ED/DS — EARTH DIKE / DIVERSION SWALE
- IP — INLET PROTECTION
- SCL — SEDIMENT CONTROL LOG
- SF — SILT FENCE
- SSA — STABILIZED STAGING AREA
- SP — STOCKPILE PROTECTION
- VTC — VEHICLE TRACKING CONTROL
- SM — TEMPORARY SEEDING AND MULCHING
- TSB — TEMPORARY SEDIMENT BASIN
- ECB — EROSION CONTROL BLANKET
- FLOW DIRECTION

EPC FILE #: _PPR-259_

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1975 RESEARCH PARKWAY SUITE 160
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PHONE: 719.300.4140
FAX: 713.965.0044

THE CLUBHOUSE AT FLYING HORSE NORTH
FLYING HORSE COUNTRY CLUB, LLC.
COLORADO SPRINGS, COLORADO

GRADING & EROSION CONTROL PLANS
INITIAL GEC PLAN

SHEET GEC02 04

HR GREEN Xrefs: xv-dsgn-1030; xv-row-1030; xv-util-1030; xc-dsgn-2403816; xc-dsgn-030.202; Vicinity_Map; xc-row-030.202; xc-util_2403816; xgt-1-dh01; GEC LEGEND

MATCHLINE: SEE SHEET 04 - INITIAL GEC PLAN

TRACT L OF FLYING HORSE NORTH FILING NO. 3
FLYING HORSE NORTH GOLF COURSE
SCHEDULE #: 6136005042
OWNER: FLYING HORSE COUNTRY CLUB, LLC

UNPLATTED LAND
VACANT AND UNDEVELOPED
SCHEDULE #: 616000008
OWNER: JEFFREY B SMITH

TRACT A OF FLYING HORSE NORTH FILING NO. 3
VACANT RESIDENTIAL LOTS
SCHEDULE #: 6136005039
OWNER: FLYING HORSE DEVELOPMENT NORTH

LOD

INV. OUT: 7557.50

6" PVC RISER PIPE
1 COLUMN OF ORIFICES EA.
ROW 1 ORIFICE EL: 7560.94'
ROW 2 ORIFICE EL: 7561.27'
ROW 3 ORIFICE EL: 7561.60'
ROW 4 ORIFICE EL: 7561.93'
INV.: 7560.60

TSB

TEMPORARY SEDIMENT BASIN
(EX. PRIVATE FULL SPECTRUM DETENTION POND A)
TRIBUTARY AREA: 28.65 AC.
SEDIMENT VOLUME: 0.66 AC-FT
BASIN VOLUME: 7.17 AC-FT
BOTTOM DIMENSIONS: 142' x 203'
SPILLWAY CREST: 12'W x 65'L
BOTTOM: 7559.00'
TOP: 7569.00'
CREST: 7565.00'

L.P.

EXISTING FLYING HORSE NORTH FILING NO. 3 STORM

FILL

CUT

7.5'/0' MIN.

LOD

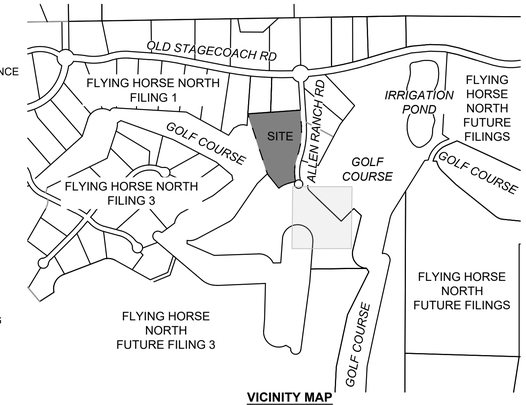
REFER TO "FLYING HORSE NORTH FILING NO. 3 FINAL DRAINAGE REPORT" BY HR GREEN, APPROVED JULY 8TH, 2024 FOR TRIBUTARY BASIN DELINEATION

TRACT AREA:

NORTH
0 50
25

GEC LEGEND:

- TSB TRIBUTARY AREA
- CUT/FILL LINE
- LOD — LIMITS OF CONSTRUCTION/DISTURBANCE (CUT/FILL LIMIT)
- CWA — CONCRETE WASHOUT AREA
- ED/DS — EARTH DIKE / DIVERSION SWALE
- IP — INLET PROTECTION
- SCL — SEDIMENT CONTROL LOG
- SF — SILT FENCE
- SSA — STABILIZED STAGING AREA
- SP — STOCKPILE PROTECTION
- VTC — VEHICLE TRACKING CONTROL
- SM — TEMPORARY SEEDING AND MULCHING
- TSB — TEMPORARY SEDIMENT BASIN
- ECB — EROSION CONTROL BLANKET
- FLOW DIRECTION



VICINITY MAP
SCALE: NOT TO SCALE

EPC FILE #: _PPR-259_

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PHONE: 719.300.4140
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THE CLUBHOUSE AT FLYING HORSE NORTH
FLYING HORSE COUNTRY CLUB, LLC.
COLORADO SPRINGS, COLORADO

GRADING & EROSION CONTROL PLANS
INITIAL GEC PLAN

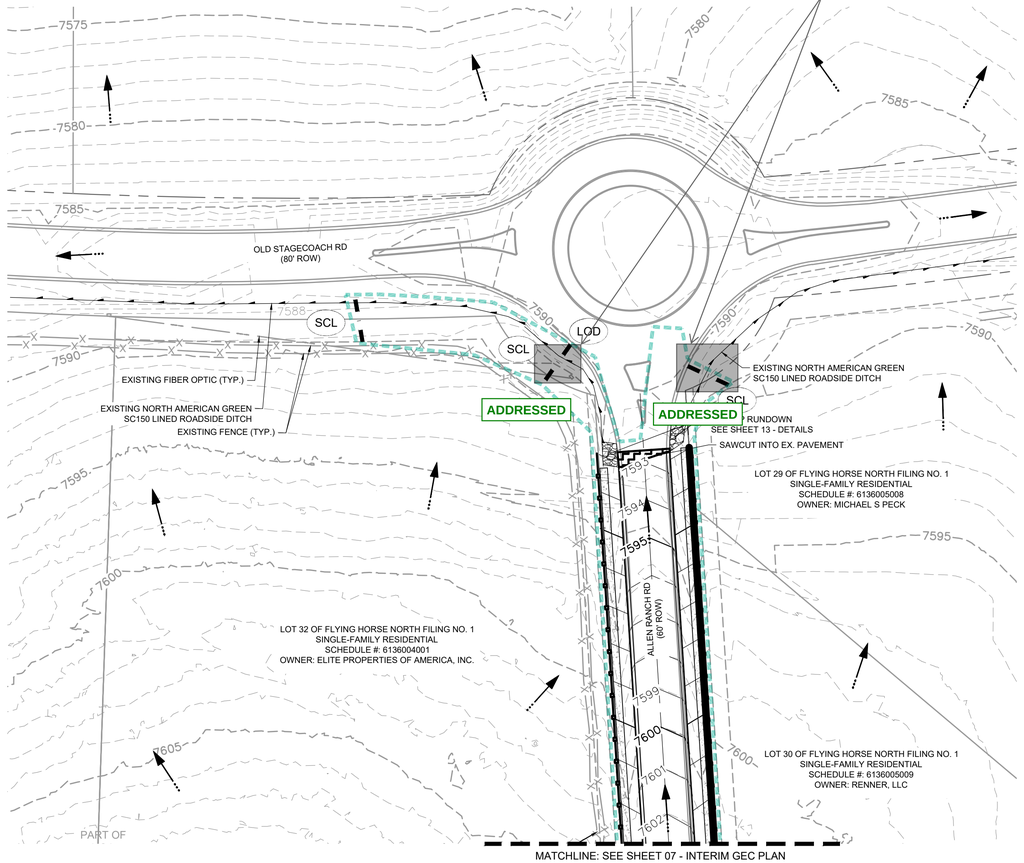
SHEET GEC03

05

ADDRESSED

Match linework and legend

ADDRESSED



MATCHLINE: SEE SHEET 07 - INTERIM GEC PLAN

ADDRESSED

GEC LEGEND:

		TSB TRIBUTARY AREA
		CUT/FILL LINE
	LOD	LIMITS OF CONSTRUCTION/DISTURBANCE (CUT/FILL LIMIT)
	CWA	CONCRETE WASHOUT AREA
	ED/DS	EARTH DIKE / DIVERSION SWALE
	IP	INLET PROTECTION
	SCL	SEDIMENT CONTROL LOG
	SF	SILT FENCE
	SSA	STABILIZED STAGING AREA
	SP	STOCKPILE PROTECTION
	VTC	VEHICLE TRACKING CONTROL
	SM	TEMPORARY SEEDING AND MULCHING
	TSB	TEMPORARY SEDIMENT BASIN
	ECB	EROSION CONTROL BLANKET
		FLOW DIRECTION

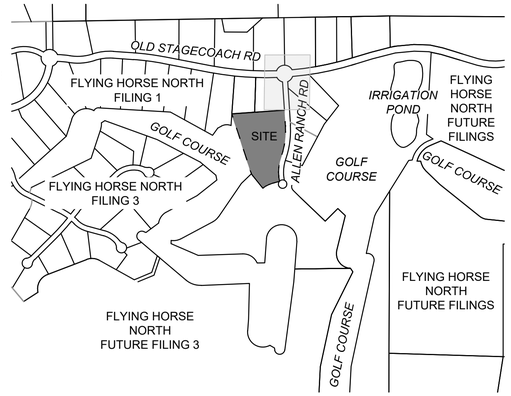
ECM EXCLUSION I.7.1.B.2.2
(EXCLUDED ROADWAY REDEVELOPMENT)

ECM EXCLUSION I.7.1.B.7
(LAND DISTURBANCE TO UNDEVELOPED LAND THAT WILL REMAIN UNDEVELOPED)

ECM EXCLUSION I.7.1.C.1.A
(20% OF APPLICABLE DEVELOPMENT SITE AREA, NOT TO EXCEED 1 ACRE)

Show exclusion areas

REMOVED FROM PLANS AND LEGEND (EXCLUSION AREAS ARE SHOWN ON PROPOSED DRAINAGE MAP)



VICINITY MAP
SCALE: NOT TO SCALE

NORTH
0 50
25

EPC FILE #: _PPR-259_

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HRGreen
HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
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PHONE: 719.300.4140
FAX: 713.965.0044

THE CLUBHOUSE AT FLYING HORSE NORTH
FLYING HORSE COUNTRY CLUB, LLC.
COLORADO SPRINGS, COLORADO

GRADING & EROSION CONTROL PLANS
INTERIM GEC PLAN

SHEET
GEC04
06

LOT 32 OF FLYING HORSE NORTH FILING NO. 1 PUD
SCHEDULE #: 6136004002
OWNER: PRI #2, LLC/
ELITE PROPERTIES OF AMERICA

LOT 32 OF FLYING HORSE NORTH FILING NO. 1 PUD
SCHEDULE #: 6136004001
OWNER: ELITE PROPERTIES OF AMERICA, INC.

EXISTING FLYING HORSE NORTH FILING NO. 1 DEVELOPMENT

ELECTRIC UTILITY BOXES

MATCHLINE: SEE SHEET 06 - INTERIM GEC PLAN

10' MAX HEIGHT RETAINING WALL

30' PAVEMENT

20.00' LANDSCAPE AND BUILDING SETBACK

LOD

DP-3
15' TYPE R SUMP INLET (PRIVATE)

ST

LOT 34 OF FLYING HORSE NORTH FILING NO. 1 PUD
SCHEDULE #: 6136004003
OWNER: SCOTT E AND NADINE M ALEXANDER

EXISTING PROPERTY LINE

10' MAX HEIGHT RETAINING WALL

EX. CART BARN (7,055 SF)

DS

3.1%

18.2%

H.P.

L.P.

IP

SP

SSA

CWA

CUT

FILL

PROPOSED PRIVATE ACCESS FIRE LANE

34.3 LF 18" RCP (PRIVATE)

MH11
4" TYPE II MH (PRIVATE)

380.9 LF 24" RCP (PRIVATE)

LOT 30 OF FLYING HORSE NORTH FILING NO. 1
SINGLE-FAMILY RESIDENTIAL
SCHEDULE #: 6136005009
OWNER: RENNER, LLC

EXISTING WATER IRRIGATION STANDPIPE TO REMAIN IN PLACE W/ PROP. MASONRY AND BOLLARDS FOR PROTECTION

EX. LOT LINE

PROP. PVT. WATER MAIN
SEE "CLUBHOUSE AT FLYING HORSE NORTH SITE DEVELOPMENT PLAN" BY HR GREEN FOR DETAILS

ALLEN RANCH ROAD
(MAJOR COLLECTOR MODIFIED URBAN)

PR. ROAD CENTERLINES

MH10
4' TYPE II MH (PRIVATE)

PROPOSED CLUBHOUSE (18,842 SQ. FT.)

EX. PRIVATE FSD POND A TRIBUTARY AREA BOUNDARY (28.65 ACRES)

METRO DISTRICT BOUNDARY (NOT A PROPERTY LINE)

215.7 LF 24" RCP (PRIVATE)

LOT 31 OF FLYING HORSE NORTH FILING NO. 1
SINGLE-FAMILY RESIDENTIAL
SCHEDULE #: 6136005010
OWNER: RYAN BOOGAARD

60.00' ROW

RIP RAP RUNDOWN
SEE SHEET 13 - DETAILS

DP9
TYPE D SUMP INLET (PRIVATE)

PROP. PVT. SEPTIC TANK W/ BAFFLE AND PUMP

14' MAX HEIGHT RETAINING WALL

10.00' LANDSCAPE BUFFER

EX. 5.00' PUBLIC IMPROVEMENT EASEMENT (RESIDENTIAL LOTS)

EX. 10.00' MOUNTAIN VIEW ELECTRIC EASEMENT (RESIDENTIAL LOTS)

TRACT K OF FLYING HORSE NORTH FILING NO. 1
FLYING HORSE NORTH GOLF COURSE
SCHEDULE #: 6136004038
OWNER: FLYING HORSE COUNTRY CLUB, LLC

12' MAX HEIGHT RETAINING WALL

PROP. PVT. HYDRANT (TYP.)

EXISTING HOLE #1 TEE BOXES

EX. FIRE HYDRANT W/ BOLLARDS TO BE RELOCATED

158.0 LF 24" RCP (PUBLIC)

1' MAX HEIGHT RETAINING WALL

EXISTING PUTTING GREEN

EX. GOLF CART PATH

EX. 18" RCP PUBLIC CULVERT TO BE REMOVED

PR. PRIVATE WATER MAIN
SEE "CLUBHOUSE AT FLYING HORSE NORTH SITE DEVELOPMENT PLAN" BY HR GREEN FOR DETAILS

MH9
4' TYPE II MH (PRIVATE)

EXISTING CONCRETE CART PATH

APPROX. LOCATION OF PROP. SEPTIC LEACH FIELD FOR COMMERCIAL CLUBHOUSE

10.00' LANDSCAPE AND BUILDING SETBACK

TRACT F OF FLYING HORSE NORTH FILING NO. 3
FLYING HORSE NORTH GOLF COURSE
SCHEDULE #: 6136005042
OWNER: FLYING HORSE COUNTRY CLUB, LLC

PROP. PVT. A.D.V TO SEPTIC FIELD MANIFOLDS AND LATERALS

EXISTING FENCE

12.5'

186.7 LF 24" RCP (PUBLIC)

TSB TRIBUTARY AREA

EXISTING FENCE

EXISTING TRACT LINE

EXISTING FENCE TO BE REMOVED ACROSS ROADWAY

MH8
4' TYPE II MH (PUBLIC)

TRACT A OF FLYING HORSE NORTH FILING NO. 3
VACANT RESIDENTIAL LOTS
SCHEDULE #: 6136005039
OWNER: FLYING HORSE DEVELOPMENT NORTH

198.9 LF 24" RCP (PUBLIC)

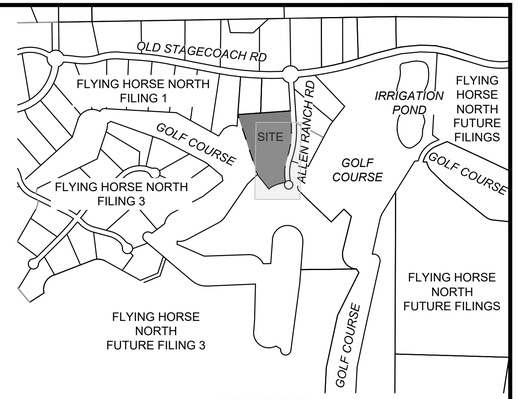
UNPLATTED LAND
VACANT AND UNDEVELOPED
SCHEDULE #: 616000008
OWNER: JEFFREY B SMITH

UNPLATTED LAND
VACANT AND UNDEVELOPED
SCHEDULE #: 616000008
OWNER: JEFFREY B SMITH

MATCHLINE: SEE SHEET 08 - INTERIM GEC PLAN

NORTH

0 25 50



VICINITY MAP
SCALE: NOT TO SCALE

GEC LEGEND:

- TSB TRIBUTARY AREA
- CUT/FILL LINE
- LOD — LIMITS OF CONSTRUCTION/DISTURBANCE (CUT/FILL LIMIT)
- CWA — CONCRETE WASHOUT AREA
- ED/DS — EARTH DIKE / DIVERSION SWALE
- IP — INLET PROTECTION
- SCL — SEDIMENT CONTROL LOG
- SF — SILT FENCE
- SSA — STABILIZED STAGING AREA
- SP — STOCKPILE PROTECTION
- VTC — VEHICLE TRACKING CONTROL
- SM — TEMPORARY SEEDING AND MULCHING
- TSB — TEMPORARY SEDIMENT BASIN
- ECB — EROSION CONTROL BLANKET
- FLOW DIRECTION

ECM EXCLUSION I.7.1.B.2.2
(EXCLUDED ROADWAY REDEVELOPMENT)

ECM EXCLUSION I.7.1.B.7
(LAND DISTURBANCE TO UNDEVELOPED LAND THAT WILL REMAIN UNDEVELOPED)

ECM EXCLUSION I.7.1.C.1.A
(20% OF APPLICABLE DEVELOPMENT SITE AREA, NOT TO EXCEED 1 ACRE)

Show exclusion areas

REMOVED FROM PLANS AND LEGEND (EXCLUSION AREAS ARE SHOWN ON PROPOSED DRAINAGE MAP)

EPC FILE #: _PPR-259_

HR GREEN Xrefs: xv-dsgn-1030; xv-row-1030; xv-util-1030; xc-dsgn-2403816; xc-dsgn-030.202; Vicinity_Map; xc-row-030.202; xc-util_2403816; xgt-1-dh01; GEC LEGEND

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1975 RESEARCH PARKWAY SUITE 160
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PHONE: 719.300.4140
FAX: 713.965.0044

THE CLUBHOUSE AT FLYING HORSE NORTH
FLYING HORSE COUNTRY CLUB, LLC.
COLORADO SPRINGS, COLORADO

GRADING & EROSION CONTROL PLANS
INTERIM GEC PLAN

SHEET GEC05 07

MATCHLINE: SEE SHEET 07 - INTERIM GEC PLAN

TRACT L OF FLYING HORSE NORTH FILING NO. 3
FLYING HORSE NORTH GOLF COURSE
SCHEDULE #: 6136005042
OWNER: FLYING HORSE COUNTRY CLUB, LLC

UNPLATTED LAND
VACANT AND UNDEVELOPED
SCHEDULE #: 616000008
OWNER: JEFFREY B SMITH

TRACT A OF FLYING HORSE NORTH FILING NO. 3
VACANT RESIDENTIAL LOTS
SCHEDULE #: 6136005039
OWNER: FLYING HORSE DEVELOPMENT NORTH

396.5 LF 24" RCP (PUBLIC)
130.0 LF 24" RCP (PUBLIC)
141.9 LF 30" RCP (PUBLIC)
152.8 LF 24" RCP (PUBLIC)
89.9 LF 24" RCP (PRIVATE)
50.2 LF 36" RCP (PRIVATE)
49.7 LF 36" RCP (PRIVATE)
35.0 LF 36" RCP (PRIVATE)
17.0 LF 30" RCP (PUBLIC)
17.7 LF 30" RCP (PUBLIC)
17.0 LF 24" RCP (PUBLIC)
17.0 LF 24" RCP (PUBLIC)

MH6
4' TYPE II MH
(PUBLIC)

MH4
5' TYPE II MH
(PUBLIC)

MH3
6' TYPE II MH
(PUBLIC)

MH-2
SDMH (PRIVATE)

MH-1
SDMH (PRIVATE)

MH-5
SDMH (PUBLIC)

EX. 4" PVC IRRIGATION LINES

PR. PUBLIC STORM
SEE "CLUBHOUSE AT FLYING HORSE NORTH SITE DEVELOPMENT PLAN" BY HR GREEN FOR DETAILS

INLET-1
10' TYPE-R INLET (PRIVATE)

INLET-2
5' TYPE-R INLET (PUBLIC)

INLET-3
15' TYPE-R INLET (PUBLIC)

INLET-4
15' TYPE-R INLET (PUBLIC)

IP

LOD

TSB

FILL

CUT

INV. OUT: 7557.50

6" PVC RISER PIPE
1 COLUMN OF ORIFICES EA.
ROW 1 ORIFICE EL: 7560.94'
ROW 2 ORIFICE EL: 7561.27'
ROW 3 ORIFICE EL: 7561.60'
ROW 4 ORIFICE EL: 7561.93'
INV.: 7560.60

ACCESS ROAD & TRICKLE CHANNEL TO REMAIN UNDISTRUBED

TEMPORARY SEDIMENT BASIN
(EX. PRIVATE FULL SPECTRUM DETENTION POND A - REGRADE INTERIOR SIDE SLOPES TO 3:1)
TRIBUTARY AREA: 28.65 AC.
SEDIMENT VOLUME: 0.66 AC-FT
BASIN VOLUME: 7.17 AC-FT
BOTTOM DIMENSIONS: 142' x 203'
SPILLWAY CREST: 12'W x 65'L
BOTTOM: 7559.00'
TOP: 7569.00'
CREST: 7565.00'

REFER TO "FLYING HORSE NORTH FILING NO. 3 FINAL DRAINAGE REPORT" BY HR GREEN, APPROVED JULY 8TH, 2024 FOR TRIBUTARY BASIN DELINEATION

GEC LEGEND:

- TSB TRIBUTARY AREA
- CUT/FILL LINE
- LOD — LIMITS OF CONSTRUCTION/DISTURBANCE (CUT/FILL LIMIT)
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- SCL — SEDIMENT CONTROL LOG
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- VTC — VEHICLE TRACKING CONTROL
- SM — TEMPORARY SEEDING AND MULCHING
- TSB — TEMPORARY SEDIMENT BASIN
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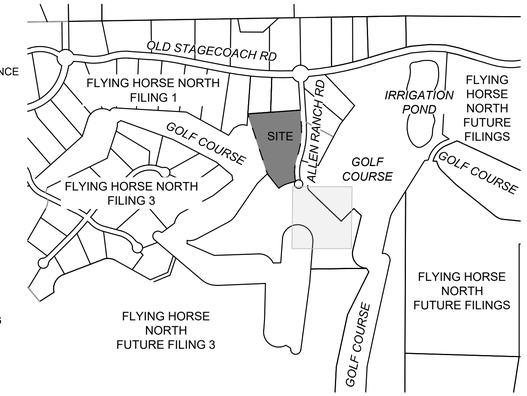
- FLOW DIRECTION



VICINITY MAP
SCALE: NOT TO SCALE

NORTH
0 50
25

EPC FILE #: _PPR-259_

DRAWN BY: CVW | JOB DATE: 5/28/2025
APPROVED: RDL | JOB NUMBER: 2403816
CAD DATE: 5/29/2025
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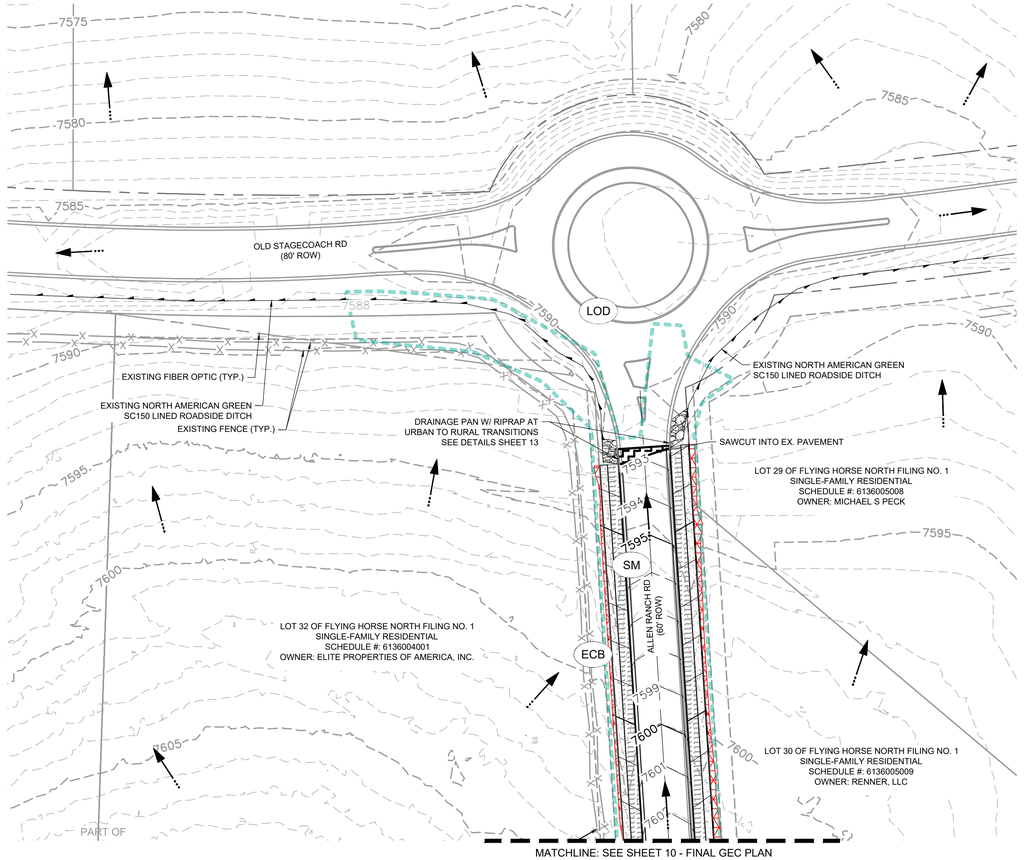
THE CLUBHOUSE AT FLYING HORSE NORTH
FLYING HORSE COUNTRY CLUB, LLC.
COLORADO SPRINGS, COLORADO

GRADING & EROSION CONTROL PLANS
INTERIM GEC PLAN

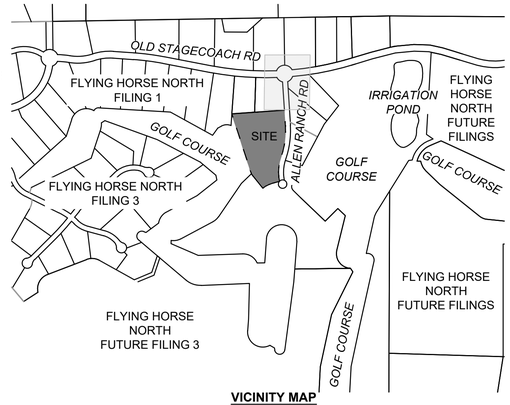
SHEET GEC06 | 08

HR GREEN Xrefs: xv-dsgn-1030; xv-row-1030; xv-util-1030; xc-dsgn_2403816; xc-dsgn-030.202; Vicinity_Map; xc-row-030.202; xc-util_2403816; xgt-1--dh01; GEC LEGEND



GEC LEGEND:

		TSB TRIBUTARY AREA
		CUT/FILL LINE
	LOD	LIMITS OF CONSTRUCTION/DISTURBANCE (CUT/FILL LIMIT)
	CWA	CONCRETE WASHOUT AREA
	ED/DS	EARTH DIKE / DIVERSION SWALE
	IP	INLET PROTECTION
	SCL	SEDIMENT CONTROL LOG
	SF	SILT FENCE
	SSA	STABILIZED STAGING AREA
	SP	STOCKPILE PROTECTION
	VTC	VEHICLE TRACKING CONTROL
	SM	TEMPORARY SEEDING AND MULCHING
	TSB	TEMPORARY SEDIMENT BASIN
	ECB	EROSION CONTROL BLANKET
		FLOW DIRECTION



VICINITY MAP
SCALE: NOT TO SCALE

NORTH
0 50
25

EPC FILE #: _PPR-259_

DRAWN BY:	CVW	JOB DATE:	5/28/2025
APPROVED:	RDL	JOB NUMBER:	2403816
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THE CLUBHOUSE AT FLYING HORSE NORTH
FLYING HORSE COUNTRY CLUB, LLC.
COLORADO SPRINGS, COLORADO

GRADING & EROSION CONTROL PLANS
FINAL GEC PLAN

SHEET
GEC07
09

HR GREEN Xrefs: xv-dsgn-1030; xv-row-1030; xv-utl-1030; xc-dsgn_2403816; xc-dsgn-030.202; Vicinity_Map; xc-row-030.202; xc-utl_2403816; xgl-1-dh01; GEC LEGEND

LOT 34 OF FLYING HORSE NORTH FILING NO. 1
PUD
SCHEDULE #: 6136004003
OWNER: SCOTT E AND NADINE M ALEXANDER

LOT 32 OF FLYING HORSE NORTH FILING NO. 1
PUD
SCHEDULE #: 6136004002
OWNER: PRI #2, LLC/
ELITE PROPERTIES OF AMERICA

LOT 32 OF FLYING HORSE NORTH FILING NO. 1
PUD
SCHEDULE #: 6136004001
OWNER: ELITE PROPERTIES OF AMERICA, INC.

EXISTING FLYING HORSE NORTH FILING NO. 1 DEVELOPMENT

MATCHLINE: SEE SHEET 09 - FINAL GEC PLAN

ELECTRIC UTILITY BOXES

20.00' LANDSCAPE AND BUILDING SETBACK

EXISTING PROPERTY LINE

10' MAX HEIGHT RETAINING WALL

EX. CART BARN (7,055 SF)

DP-3
15' TYPE R SUMP INLET (PRIVATE)

30' PAVEMENT

LOD

ENTRANCE FENCES

LOT 30 OF FLYING HORSE NORTH FILING NO. 1
SINGLE-FAMILY RESIDENTIAL
SCHEDULE #: 6136005009
OWNER: RENNER, LLC

PROPOSED PRIVATE ACCESS FIRE LANE

EXISTING WATER IRRIGATION STANDPIPE TO REMAIN IN PLACE W/ PROP. MASONRY AND BOLLARDS FOR PROTECTION

PROP. PVT. WATER MAIN
SEE "CLUBHOUSE AT FLYING HORSE NORTH SITE DEVELOPMENT PLAN" BY HR GREEN FOR DETAILS

34.3 LF 18" RCP (PRIVATE)

MH11
4' TYPE II MH (PRIVATE)

EX. LOT LINE

INSTALL PERMEABLE PAVERS
SEE LANDSCAPING PLANS BY HR GREEN

ALLEN RANCH ROAD
(MAJOR COLLECTOR MODIFIED URBAN)

PR. ROAD CENTERLINES

MH10
4' TYPE II MH (PRIVATE)

PROPOSED CLUBHOUSE (18,842 SQ. FT.)

METRO DISTRICT BOUNDARY
(NOT A PROPERTY LINE)

INSTALL LANDSCAPING PER LANDSCAPING PLANS BY HR GREEN

215.7 LF 24" RCP (PRIVATE)

LOT 31 OF FLYING HORSE NORTH FILING NO. 1
SINGLE-FAMILY RESIDENTIAL
SCHEDULE #: 6136005010
OWNER: RYAN BOOGAARD

PROP. PVT. SEPTIC TANK W/ BAFFLE AND PUMP

14' MAX HEIGHT RETAINING WALL

EX. PRIVATE FSD POND A TRIBUTARY AREA (PER INTERIM GRADING)

RIP RAP RUNDOWN
SEE SHEET 13 - DETAILS

TYPE D SUMP INLET (PRIVATE)

60.00' ROW

10.00' LANDSCAPE BUFFER

EX. 5.00' PUBLIC IMPROVEMENT EASEMENT (RESIDENTIAL LOTS)

EX. 10.00' MOUNTAIN VIEW ELECTRIC EASEMENT (RESIDENTIAL LOTS)

TRACT K OF FLYING HORSE NORTH FILING NO. 1
FLYING HORSE NORTH GOLF COURSE
SCHEDULE #: 6136004038
OWNER: FLYING HORSE COUNTRY CLUB, LLC

12' MAX HEIGHT RETAINING WALL

PROP. PVT. HYDRANT (TYP.)

EX. FIRE HYDRANT W/ BOLLARDS TO BE RELOCATED

EXISTING HOLE #1 TEE BOXES

158.0 LF 24" RCP (PUBLIC)

1' MAX HEIGHT RETAINING WALL

EXISTING PUTTING GREEN

EX. GOLF CART PATH

PR. PRIVATE WATER MAIN
SEE "CLUBHOUSE AT FLYING HORSE NORTH SITE DEVELOPMENT PLAN" BY HR GREEN FOR DETAILS

EX. GOLF CART PATH

EX. 18" RCP PUBLIC CULVERT TO BE REMOVED

MH9
4' TYPE II MH (PRIVATE)

APPROX. LOCATION OF PROP. SEPTIC LEACH FIELD FOR COMMERCIAL CLUBHOUSE

EXISTING CONCRETE CART PATH

10.00' LANDSCAPE AND BUILDING SETBACK

EX. 15.00' MOUNTAIN VIEW ELECTRIC EASEMENT (CLUBHOUSE & TRACT F FLYING HORSE NORTH FILING NO. 3)

TRACT F OF FLYING HORSE NORTH FILING NO. 3
FLYING HORSE NORTH GOLF COURSE
SCHEDULE #: 6136005042
OWNER: FLYING HORSE COUNTRY CLUB, LLC

PROP. PVT. A.D.V TO SEPTIC FIELD MANIFOLDS AND LATERALS

EXISTING FENCE

186.7 LF 24" RCP (PUBLIC)

EXISTING FENCE

12.5'

TSB TRIBUTARY AREA

EXISTING TRACT LINE

EXISTING FENCE TO BE REMOVED ACROSS ROADWAY

MH8
4' TYPE II MH (PUBLIC)

TRACT A OF FLYING HORSE NORTH FILING NO. 3
VACANT RESIDENTIAL LOTS
SCHEDULE #: 6136005039
OWNER: FLYING HORSE DEVELOPMENT NORTH

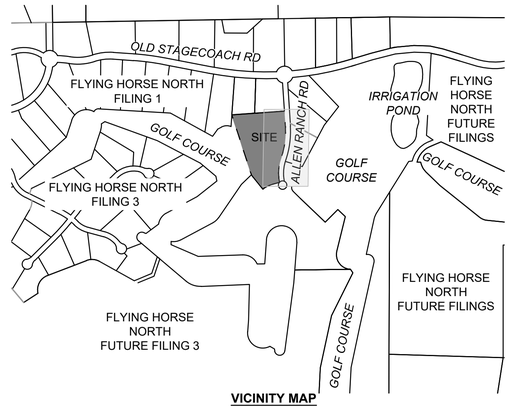
198.9 LF 24" RCP (PUBLIC)

UNPLATTED LAND
VACANT AND UNDEVELOPED
SCHEDULE #: 616000008
OWNER: JEFFREY B SMITH

UNPLATTED LAND
VACANT AND UNDEVELOPED
SCHEDULE #: 616000008
OWNER: JEFFREY B SMITH

MATCHLINE: SEE SHEET 11 - FINAL GEC PLAN

NORTH
0 50
25



VICINITY MAP
SCALE: NOT TO SCALE

GEC LEGEND:

		TSB TRIBUTARY AREA
		CUT/FILL LINE
	LOD	LIMITS OF CONSTRUCTION/DISTURBANCE (CUT/FILL LIMIT)
	CWA	CONCRETE WASHOUT AREA
	ED/DS	EARTH DIKE / DIVERSION SWALE
	IP	INLET PROTECTION
	SCL	SEDIMENT CONTROL LOG
	SF	SILT FENCE
	SSA	STABILIZED STAGING AREA
	SP	STOCKPILE PROTECTION
	VTC	VEHICLE TRACKING CONTROL
	SM	TEMPORARY SEEDING AND MULCHING
	TSB	TEMPORARY SEDIMENT BASIN
	ECB	EROSION CONTROL BLANKET
		FLOW DIRECTION

EPC FILE #: _PPR-259_

HR GREEN Xrefs: xv-dsgn-1030; xv-row-1030; xv-util-1030; xc-dsgn-2403816; xc-dsgn-030.202; Vicinity_Msp; xc-row-030.202; xc-util_2403816; xgt-1--dn01; GEC LEGEND

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THE CLUBHOUSE AT FLYING HORSE NORTH
FLYING HORSE COUNTRY CLUB, LLC.
COLORADO SPRINGS, COLORADO

GRADING & EROSION CONTROL PLANS
FINAL GEC PLAN

SHEET
GEC08
10

MATCHLINE: SEE SHEET 10 - FINAL GEC PLAN

198.9 LF 24" RCP (PUBLIC)

TRACT L OF FLYING HORSE NORTH FILING NO. 3
FLYING HORSE NORTH GOLF COURSE
SCHEDULE #: 6136005042
OWNER: FLYING HORSE COUNTRY CLUB, LLC

306.5 LF 24" RCP (PUBLIC)

UNPLATTED LAND
VACANT AND UNDEVELOPED
SCHEDULE #: 616000008
OWNER: JEFFREY B SMITH

MH6
4' TYPE II MH
(PUBLIC)

EX. 4" PVC IRRIGATION LINES

193.0 LF 24" RCP (PUBLIC)

TRACT A OF FLYING HORSE NORTH FILING NO. 3
VACANT RESIDENTIAL LOTS
SCHEDULE #: 6136005039
OWNER: FLYING HORSE DEVELOPMENT NORTH

LOD

89.9 LF 24" RCP (PRIVATE)

ORIFICE PLATE TO BE SWAPPED
(REFER TO AMENDED
CONSTRUCTION DRAWINGS)

PR. PUBLIC STORM
SEE "CLUBHOUSE AT FLYING HORSE NORTH SITE DEVELOPMENT PLAN" BY HR GREEN FOR DETAILS

MH4
5' TYPE II MH
(PUBLIC)

141.9 LF 30" RCP (PUBLIC)

INLET-3
15' TYPE-R INLET (PUBLIC)
17.7 LF 30" RCP (PUBLIC)

ECB

ACCESS ROAD & TRICKLE CHANNEL TO REMAIN UNDISTRUBED

SM

17.0 LF 30" RCP (PUBLIC)

INLET-1
10' TYPE-R INLET (PRIVATE)

35.0 LF 36" RCP (PRIVATE)

MH-2
SDMH (PRIVATE)

MODIFIED EXISTING PRIVATE FULL SPECTRUM DETENTION POND A
(SEE CONSTRUCTION DOCUMENTS)

MH3
6' TYPE II MH
(PUBLIC)

L.P.

INLET-2
5' TYPE-R INLET (PUBLIC)
17.0 LF 24" RCP (PUBLIC)

152.8 LF 24" RCP (PUBLIC)

50.2 LF 36" RCP (PRIVATE)

MH-1
SDMH (PRIVATE)
49.7 LF 36" RCP (PRIVATE)

FILL

CUT

INLET-4
15' TYPE-R INLET (PUBLIC)
17.0 LF 24" RCP (PUBLIC)

MH-5
SDMH (PUBLIC)

LOD

NORTH

0 50
25

GEC LEGEND:

	TSB TRIBUTARY AREA
	CUT/FILL LINE
LOD	LIMITS OF CONSTRUCTION/DISTURBANCE (CUT/FILL LIMIT)
CWA	CONCRETE WASHOUT AREA
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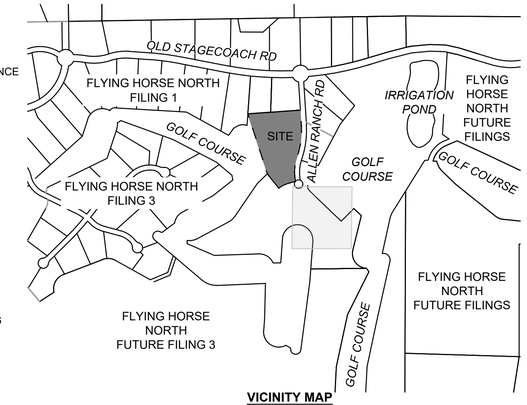
SM	TEMPORARY SEEDING AND MULCHING
TSB	TEMPORARY SEDIMENT BASIN
ECB	EROSION CONTROL BLANKET
	FLOW DIRECTION



VICINITY MAP
SCALE: NOT TO SCALE

Per Sheet 13, it appears that this spillway will be reconstructed. And the drainage report does discuss mod's to the spillway on PDF pg 15. So provide label on this plan to clarify.

ADDRESSED

PDF pg 15 of the FDR discusses saw cutting forebay notch to be wider. Label as such on this plan and show a detail on Sht 13.

ADDRESSED

EPC FILE #: _PPR-259_

HR GREEN Xrefs: xv-dsgn-1030; xv-row-1030; xv-util-1030; xc-dsgn_2403816; xc-dsgn-030.202; Vicinity_Map; xc-row-030.202; xc-util_2403816; xgt-1-dh01; GEC LEGEND

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FLYING HORSE COUNTRY CLUB, LLC.
COLORADO SPRINGS, COLORADO

GRADING & EROSION CONTROL PLANS
FINAL GEC PLAN

SHEET GEC09

11

EC-2 Temporary and Permanent Seeding (TS/PS)

Table TS/PS-1. Minimum Drill Seeding Rates for Various Temporary Annual Grasses

Species[a] (Common name)	Growth Season[b]	Pounds of Pure Live Seed (PLS)/acre[c]	Planting Depth (inches)
1. Oats	Cool	35 - 50	1 - 2
2. Spring wheat	Cool	25 - 35	1 - 2
3. Spring barley	Cool	25 - 35	1 - 2
4. Annual ryegrass	Cool	10 - 15	½
5. Millet	Warm	3 - 15	½ - ¾
6. Winter wheat	Cool	20-35	1 - 2
7. Winter barley	Cool	20-35	1 - 2
8. Winter rye	Cool	20-35	1 - 2
9. Triticale	Cool	25-40	1 - 2

[a] Successful seeding of annual grass resulting in adequate plant growth will usually produce enough dead-plant residue to provide protection from wind and water erosion for an additional year. This assumes that the cover is not disturbed or mowed closer than 8 inches.

Hydraulic seeding may be substituted for drilling only where slopes are steeper than 3:1 or where access limitations exist. When hydraulic seeding is used, hydraulic mulching should be applied as a separate operation, when practical, to prevent the seeds from being encapsulated in the mulch.

[b] See Table TS/PS-2 for seeding dates. Irrigation, if consistently applied, may extend the use of cool season species during the summer months.

[c] Seeding rates should be doubled if seed is broadcast, or increased by 50 percent if done using a Brillion Drill or by hydraulic seeding.

Temporary and Permanent Seeding (TS/PS) EC-2

Table TS/PS-2. Seeding Dates for Annual and Perennial Grasses

	Annual Grasses (Numbers in table reference species in Table TS/PS-1)		Perennial Grasses	
Seeding Dates	**Warm**	**Cool**	**Warm**	**Cool**
January 1–March 15			✓	✓
March 16–April 30		1,2,3	✓	✓
May 1–May 15			✓	
May 16–June 30	5			
July 1–July 15	5			
July 16–August 31				
September 1–September 30		6, 7, 8, 9		
October 1–December 31			✓	✓

Mulch

Cover seeded areas with mulch or an appropriate rolled erosion control product to promote establishment of vegetation. Anchor mulch by crimping, netting or use of a non-toxic tackifier. See the USDCM Volume 2 *Revegetation* Chapter and Volume 3 Mulching BMP Fact Sheet (EC-04) for additional guidance.

Maintenance and Removal

Monitor and observe seeded areas to identify areas of poor growth or areas that fail to germinate. Reseed and mulch these areas, as needed.

If a temporary annual seed was planted, the area should be reseeded with the desired perennial mix when there will be no further work in the area. To minimize competition between annual and perennial species, the annual mix needs time to mature and die before seeding the perennial mix. To increase success of the perennial mix, it should be seeded during the appropriate seeding dates the second year after the temporary annual mix was seeded. Alternatively, if this timeline is not feasible, the annual mix seed heads should be removed and then the area seeded with the perennial mix.

An area that has been permanently seeded should have a good stand of vegetation within one growing season if irrigated and within three growing seasons without irrigation in Colorado. Reseed portions of the site that fail to germinate or remain bare after the first growing season.

Seeded areas may require irrigation, particularly during extended dry periods. Targeted weed control may also be necessary.

Protect seeded areas from construction equipment and vehicle access.

Table 5-1. El Paso County Conservation District All-Purpose Mix for Upland, Transition and Permanent Control Measure Areas

Common Name	Scientific Name	Growth Season / Form	% of Mix	Pounds PLS: • Irrigated broadcast • Irrigated hydroseeded	Pounds PLS: • Non-irrigated broadcast • Non-irrigated hydroseeded • Irrigated drilled	Pounds PLS: • Non-irrigated drilled
				80 seeds/sq ft	40 seeds/sq ft	20 seeds/sq ft
Bluestem, big	*Andropogon gerardii*	Warm, sod	20	4.4	2.2	1.1
Grama, blue	*Bouteloua gracilis*	Warm, bunch	10	0.5	0.25	0.13
Green needlegrass[3]	*Nassella viridula*	Cool, bunch	10	2	1	0.5
Wheatgrass, western[3]	*Pascopyrum smithii*	Cool, sod	20	6.4	3.2	1.6
Grama, sideoats	*Bouteloua curtipendula*	Warm, bunch	10	2	1	0.5
Switchgrass[2]	*Panicum virgatum*	Warm, bunch/sod	10	0.8	0.4	0.2
Prairie sandreed	*Calamovilfa longifolia*	Warm, sod	10	1.2	0.6	0.3
Yellow indiangrass[2]	*Sorghastrum nutans*	Warm, sod	10	2	1	0.5
		Seed rate (lbs PLS/acre)		19.3	9.7	4.8

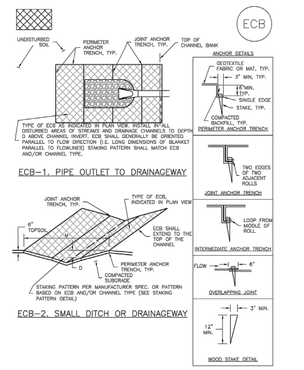
[1]For portions of facilities located near or on the bottom or where wet soil conditions occur. Planting of potted nursery stock wetland plants 2-foot on-center is recommended for sites with wetland hydrology.

[3]Species that will do well in the bottom of pond areas.

Table 5-2. El Paso County All-Purpose Low Grow Mix for Upland and Transition Areas

Common Name	Scientific Name	Growth Season / Form	% of Mix	Pounds PLS: • Irrigated broadcast • Irrigated hydroseeded • Irrigated drilled	Pounds PLS: • Non-irrigated broadcast • Non-irrigated hydroseeded • Irrigated drilled	Pounds PLS: • Non-irrigated drilled
				80 seeds/sq ft	40 seeds/sq ft	20 seeds/sq ft
Buffalograss	*Buchloe dactyloides*	Warm, sod	25	9.6	4.8	2.4
Grama, blue	*Bouteloua gracilis*	Warm, bunch	20	10.8	5.4	2.7
Grama, sideoats	*Bouteloua curtipendula*	Warm, bunch	29	5.6	2.8	1.4
Green needlegrass	*Nassella viridula*	Cool, bunch	5	3.2	1.6	0.8
Wheatgrass, western	*Pascopyrum smithii*	Cool, sod	20	12	6	3
Dropseed, sand	*Sporobolus cryptandrus*	Warm, bunch	1	0.8	0.4	0.2
		Seed rate (lbs PLS/acre)		42	21	10.3

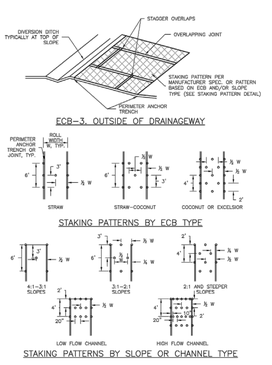
EC-6 Rolled Erosion Control Products (RECP)



ECB–1. PIPE OUTLET TO DRAINAGEWAY

ECB–2. SMALL DITCH OR DRAINAGEWAY

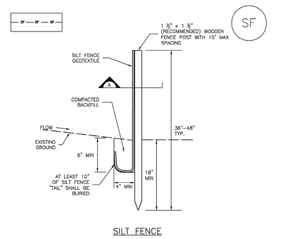
Rolled Erosion Control Products (RECP) EC-6



STAKING PATTERNS BY ECB TYPE

STAKING PATTERNS BY SLOPE OR CHANNEL TYPE

Silt Fence (SF) SC-1

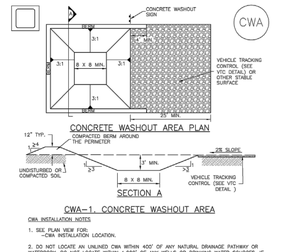


SILT FENCE

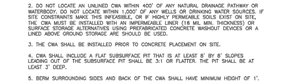
SECTION A

SF–1. SILT FENCE

Concrete Washout Area (CWA) MM-1



CONCRETE WASHOUT AREA PLAN



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 PATHWAY OR WATERBODY, DO NOT LOCATE WITHIN 1,000' OF ANY WELLS OR DRINKING WATER SOURCES. IF SITE CONSTRAINTS MAKE THIS INFEASIBLE, OR IF HIGHLY PERMEABLE SOILS EXIST ON SITE, THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (18 MIL MIN. THICKNESS) OR SURFACE STORAGE ALTERNATIVES USING PREFABRICATED CONCRETE WASHOUT DEVICES OR A LINED ABOVE GROUND STORAGE ARE SHALL 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' SLOPES LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER. THE PIT SHALL BE AT LEAST 3' DEEP.

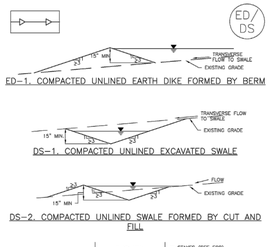
5. BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM HEIGHT OF 1'.

6. VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CWA.

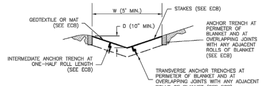
7. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.

8. USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.

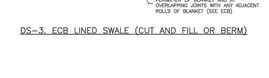
Earth Dikes and Drainage Swales (ED/DS) EC-10



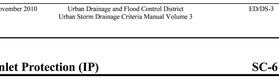
ED–1. COMPACTED UNLINED EARTH DIKE FORMED BY BERM



DS–1. COMPACTED UNLINED EXCAVATED SWALE

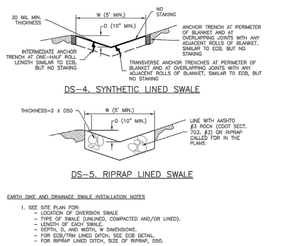


DS–2. COMPACTED UNLINED SWALE FORMED BY CUT AND FILL

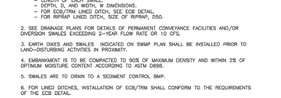


DS–3. ECB LINED SWALE (CUT AND FILL OR BERM)

EC-10 Earth Dikes and Drainage Swales (ED/DS)



DS–4. SYNTHETIC LINED SWALE



DS–5. RIPRAP LINED SWALE

EARTH DIKE AND DRAINAGE SWALE INSTALLATION NOTES

1. SEE SITE PLAN FOR:
   – LOCATION OF DIVERSION SWALE
   – TYPE OF SWALE (UNLINED, COMPACTED AND/OR LINED).
   – LENGTH OF EACH SWALE.
   – DEPTH, D, AND WIDTH, W DIMENSIONS.
   – FOR ECB/TRM LINED DITCH, SEE ECB DETAIL.
   – FOR RIPRAP LINED DITCH, SIZE OF RIPRAP, D50.

2. SEE DRAINAGE PLANS FOR DETAILS OF PERMANENT CONVEYANCE FACILITIES AND/OR DIVERSION SWALES EXCEEDING 2–YEAR FLOW RATE OR 1/3 CFS.

3. EARTH DIKES AND SWALES INDICATED ON SWMP PLAN SHALL BE INSTALLED PRIOR TO LAND–DISTURBING ACTIVITIES IN PROXIMITY.

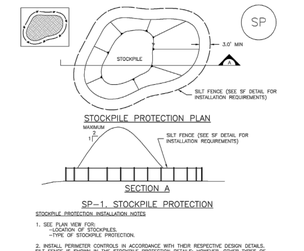
4. EMBANKMENT IS TO BE COMPACTED TO 90% OF MAXIMUM DENSITY AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D698.

5. SWALES ARE TO DRAIN TO A SEDIMENT CONTROL BMP.

6. FOR LINED DITCHES, INSTALLATION OF ECB/TRM SHALL CONFORM TO THE REQUIREMENTS OF THE ECB DETAIL.

7. WHEN CONSTRUCTION TRAFFIC MUST CROSS A DIVERSION SWALE, INSTALL A TEMPORARY CULVERT WITH A MINIMUM DIAMETER OF 12 INCHES.

Stockpile Management (SP) MM-2



STOCKPILE PROTECTION PLAN

SECTION A

SP–1. STOCKPILE PROTECTION

STOCKPILE PROTECTION INSTALLATION NOTES

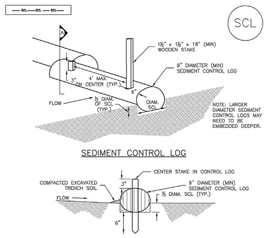
1. SEE PLAN VIEW FOR:
   –LOCATION OF STOCKPILES.
   –TYPE OF STOCKPILE PROTECTION.

2. INSTALL PERIMETER CONTROLS IN ACCORDANCE WITH THEIR RESPECTIVE DESIGN DETAILS. SILT FENCE IS SHOWN IN THE STOCKPILE PROTECTION DETAILS; HOWEVER, OTHER TYPES OF PERIMETER CONTROLS, INCLUDING BIOSOLIDS LOGS OR ROCK SOCKS, MAY ALSO BE SUITABLE IN SOME CIRCUMSTANCES. CONSIDERATIONS FOR DETERMINING THE APPROPRIATE TYPE OF PERIMETER CONTROL FOR A STOCKPILE INCLUDE WHETHER THE STOCKPILE IS LOCATED ON A PERVIOUS OR IMPERVIOUS SURFACE, THE RELATIVE HEIGHTS OF THE PERIMETER CONTROL AND STOCKPILE, THE ABILITY OF THE PERIMETER CONTROL TO CONTAIN THE STOCKPILE FOOTPRINT, AND THE DISTANCE OF THE PERIMETER CONTROL FROM THE STOCKPILE SHIFTS OR SLUMPS AGAINST THE PERIMETER, AND OTHER FACTORS.

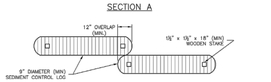
3. STABILIZE THE STOCKPILE SURFACE WITH SURFACE ROUGHENING, TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS, OR SOIL BINDERS. SOILS STOCKPILED FOR AN EXTENDED PERIOD (TYPICALLY FOR MORE THAN 60 DAYS) SHOULD BE SEEDED AND MULCHED WITH A TEMPORARY GRASS COVER ONCE THE STOCKPILE IS PLACED (TYPICALLY WITHIN 14 DAYS). USE OF MULCH ONLY OR A SOIL BINDER IS ACCEPTABLE IF THE STOCKPILE WILL BE IN PLACE FOR A MORE LIMITED TIME PERIOD (TYPICALLY 30–60 DAYS).

4. FOR TEMPORARY STOCKPILES ON THE INTERIOR PORTION OF A CONSTRUCTION SITE, WHERE OTHER DOWNGRADIENT CONTROLS, INCLUDING PERIMETER CONTROL, ARE IN PLACE, STOCKPILE PERIMETER CONTROLS MAY NOT BE REQUIRED.

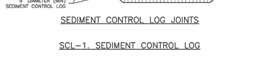
Sediment Control Log (SCL) SC-2



SEDIMENT CONTROL LOG



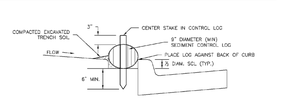
SECTION A



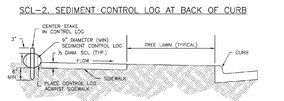
SEDIMENT CONTROL LOG JOINTS

SCL–1. SEDIMENT CONTROL LOG

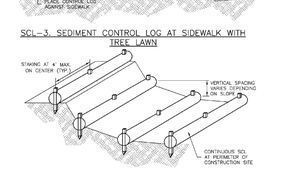
SC-2 Sediment Control Log (SCL)



SCL–2. SEDIMENT CONTROL LOG AT BACK OF CURB

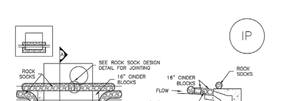


SCL–3. SEDIMENT CONTROL LOG AT SIDEWALK WITH TREE LAWN



SCL–4. SEDIMENT CONTROL LOGS TO CONTROL SLOPE LENGTH

SC-6 Inlet Protection (IP)



IP–1. BLOCK AND ROCK SOCK SUMP OR ON GRADE INLET PROTECTION

BLOCK AND CURB SOCK INLET PROTECTION INSTALLATION NOTES

1. SEE ROCK SOCK DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.

2. CONCRETE "CINDER" BLOCKS SHALL BE LAID ON THEIR SIDES AROUND THE INLET IN A SINGLE ROW, ABUTTING ONE ANOTHER WITH THE OPEN END FACING AWAY FROM THE CURB.

3. GRAVEL BAGS SHALL BE PLACED AROUND CONCRETE BLOCKS, CLOSELY ABUTTING ONE ANOTHER AND JOINTED TOGETHER IN ACCORDANCE WITH ROCK SOCK DESIGN DETAIL.

IP–2. CURB ROCK SOCKS UPSTREAM OF INLET PROTECTION

CURB ROCK SOCK INLET PROTECTION INSTALLATION NOTES

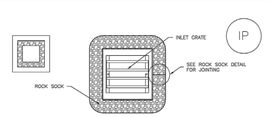
1. SEE ROCK SOCK DESIGN DETAIL INSTALLATION REQUIREMENTS.

2. PLACEMENT OF THE SOCK SHALL BE APPROXIMATELY 30 DEGREES FROM PERPENDICULAR IN THE OPPOSITE DIRECTION OF FLOW.

3. SOCKS ARE TO BE FLUSH WITH THE CURB AND SPACED A MINIMUM OF 5 FEET APART.

4. AT LEAST TWO CURB SOCKS IN SERIES ARE REQUIRED UPSTREAM OF ON–GRADE INLETS.

Inlet Protection (IP) SC-6



IP–3. ROCK SOCK SUMP/AREA INLET PROTECTION

ROCK SOCK SUMP/AREA INLET PROTECTION INSTALLATION NOTES
1. SEE ROCK SOCK DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.

2. STRAW MATTLES/SEDIMENT CONTROL LOGS MAY BE USED IN PLACE OF ROCK SOCKS FOR INLETS IN PERVIOUS AREAS. INSTALL PER SEDIMENT CONTROL LOG DETAIL.

IP–4. SILT FENCE FOR SUMP INLET PROTECTION

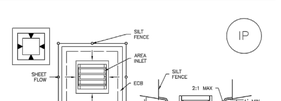
SILT FENCE INLET PROTECTION INSTALLATION NOTES

1. SEE SILT FENCE DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.

2. POSTS SHALL BE PLACED AT EACH CORNER OF THE INLET AND AROUND THE EDGES AT A MAXIMUM SPACING OF 3 FEET.

3. STRAW MATTLES/SEDIMENT CONTROL LOGS MAY BE USED IN PLACE OF SILT FENCE FOR INLETS IN PERVIOUS AREAS. INSTALL PER SEDIMENT CONTROL LOG DETAIL.

SC-6 Inlet Protection (IP)



IP–5. OVEREXCAVATION INLET PROTECTION

OVEREXCAVATION INLET PROTECTION INSTALLATION NOTES

1. THIS FORM OF INLET PROTECTION IS PRIMARILY APPLICABLE FOR SITES THAT HAVE NOT YET REACHED FINAL GRADE AND SHOULD BE USED ONLY FOR INLETS WITH A RELATIVELY SMALL CONTRIBUTING DRAINAGE AREA.

2. WHEN USING FOR CONCENTRATED FLOWS, SUMP SHALL HAVE BASIN IN 2:1 RATIO WITH LENGTH ORIENTED TOWARDS DIRECTION OF FLOW.

3. SEDIMENT MUST BE PERIODICALLY REMOVED FROM THE OVEREXCAVATED AREA.

IP–6. STRAW BALE FOR SUMP INLET PROTECTION

STRAW BALE BARRIOR INLET PROTECTION INSTALLATION NOTES

1. SEE STRAW BALE DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.

2. BALES SHALL BE PLACED IN A SINGLE ROW AROUND THE INLET WITH ENDS OF BALES TIGHTLY ABUTTING ONE ANOTHER.

Sediment Trap (ST) SC-8

Description

Sediment traps are formed by excavating an area or by placing an earthen embankment across a low area or drainage swale. Sediment traps are designed to capture drainage from disturbed areas less than one acre and allow settling of sediment.

Photograph ST-1. Sediment traps are used to collect sediment-laden runoff from disturbed area. Photo courtesy of EPA Menu of BMPs.

Appropriate Uses

Sediment traps can be used in combination with other layers of erosion and sediment controls to trap sediment from small drainage areas (less than one acre) or areas with localized high sediment loading. For example, sediment traps are often provided in conjunction with vehicle tracking controls and wheel wash facilities.

Design and Installation

A sediment trap consists of a small excavated basin with an earthen berm and a riprap outlet. The berm of the sediment trap may be constructed from the excavated material and must be compacted to 95 percent of the maximum density in accordance with ASTM D698. An overflow outlet must be provided at an elevation at least 6 inches below the top of the berm. See Detail ST-1 for additional design and installation information.

Maintenance and Removal

Inspect the sediment trap embankments for stability and seepage.

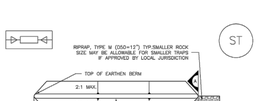
Remove accumulated sediment as needed to maintain the effectiveness of the sediment trap, typically when the sediment depth is approximately one-half the height of the outflow embankment.

Inspect the outlet for debris and damage. Repair damage to the outlet, and remove all obstructions.

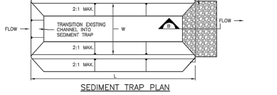
A sediment trap should not be removed until the upstream area is sufficiently stabilized. Upon removal of the trap, the disturbed area should be covered with topsoil and stabilized.

Sediment Trap	
Functions	
Erosion Control	No
Sediment Control	Yes
Site/Material Management	No

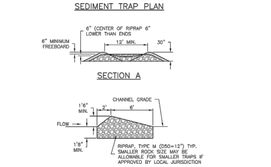
SC-8 Sediment Trap (ST)



SEDIMENT TRAP PLAN



SECTION A



SECTION B

ST–1. SEDIMENT TRAP

EPC FILE #: _PPR-259_

HR GREEN Xrefs: Riprap Details: xgt-1--dh01; Spillway_POND_A; Spillway_Profile

DRAWN BY: CVW	JOB DATE: 5/28/2025	BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 ■ 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.	
APPROVED: RDL	JOB NUMBER: 2403816		
CAD DATE: 5/29/2025			
CAD FILE: J:\2024\2403816\CAD\Dwgs\C\CDs\GEC\DT01			

NO.	DATE	BY	REVISION DESCRIPTION

HR GREEN - COLORADO SPRINGS
1975 RESEARCH PARKWAY SUITE 160
COLORADO SPRINGS, CO 80920
PHONE: 719.300.4140
FAX: 719.965.0044

THE CLUBHOUSE AT FLYING HORSE NORTH
FLYING HORSE COUNTRY CLUB, LLC.
COLORADO SPRINGS, COLORADO

GRADING & EROSION CONTROL PLANS
DETAILS

SHEET DT01 12

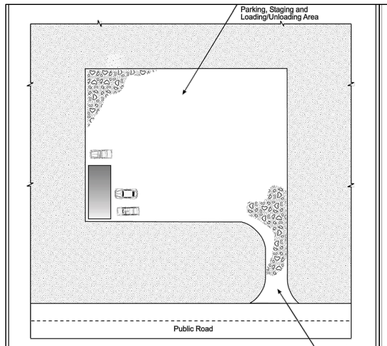
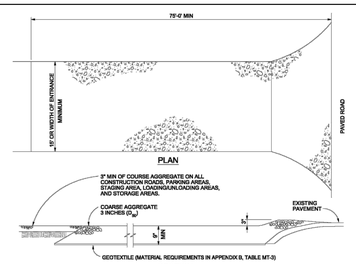


Table VT-1

	Case 1	Case 2
Gravel Thickness	9"	3"
Filter Fabric	YES	NO

City of Colorado Springs | Figure VT-1 Vehicle Tracking



VEHICLE TRACKING
NTS

VEHICLE TRACKING NOTES

INSTALLATION REQUIREMENTS

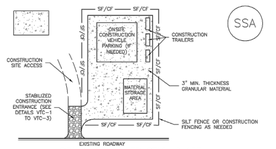
1. ALL ENTRANCES TO THE CONSTRUCTION SITE ARE TO BE STABILIZED PRIOR TO CONSTRUCTION BEGINNING.
2. CONSTRUCTION ENTRANCES ARE TO BE BUILT WITH AN APRON TO ALLOW FOR TURNING TRAFFIC, BUT SHOULD NOT BE BUILT OVER EXISTING PAVEMENT EXCEPT FOR A SLIGHT OVERLAP.
3. AREAS TO BE STABILIZED ARE TO BE PROPERLY GRADED AND COMPACTED PRIOR TO LAYING DOWN GEOTEXTILE AND STONE.
4. CONSTRUCTION ROADS, PARKING AREAS, LOADING/UNLOADING ZONES, STORAGE AREAS, AND STAGING AREAS ARE TO BE STABILIZED.
5. CONSTRUCTION ROADS ARE TO BE BUILT TO ACCESS TO SITE GRADES, BUT SHOULD NOT HAVE SIDE SLOPES OR ROAD GRADES THAT ARE EXCESSIVELY STEEP.

MAINTENANCE REQUIREMENTS

1. REGULAR INSPECTIONS ARE TO BE MADE OF ALL STABILIZED AREAS, ESPECIALLY AFTER STORM EVENTS.
2. STONES ARE TO BE REAPPLIED PERIODICALLY AND WHEN REPAIR IS NECESSARY.
3. SEDIMENT TRACKED ONTO PAVED ROADS IS TO BE REMOVED DAILY BY SHOVELING OR SWEEPING. SEDIMENT IS NOT TO BE WASHED DOWN STORM SEWER DRAINS.
4. STORM SEWER INLET PROTECTION IS TO BE IN PLACE, INSPECTED, AND CLEANED IF NECESSARY.
5. OTHER ASSOCIATED SEDIMENT CONTROL MEASURES ARE TO BE INSPECTED TO ENSURE GOOD WORKING CONDITION.

City of Colorado Springs Stormwater Quality | Figure VT-2 Vehicle Tracking Application Examples

Stabilized Staging Area (SSA) **SM-6**



SSA–1, STABILIZED STAGING AREA

STABILIZED STAGING AREA INSTALLATION NOTES

1. SEE PLAN VIEW FOR
   –LOCATION OF STAGING AREA(S).
   –CONTRACTOR MAY ADJUST LOCATION AND SIZE OF STAGING AREA WITH APPROVAL FROM THE LOCAL JURISDICTION.
2. STABILIZED STAGING AREA SHOULD BE APPROPRIATE FOR THE NEEDS OF THE SITE. OVERSIZING RESULTS IN A LARGER AREA TO STABILIZE FOLLOWING CONSTRUCTION.
3. STAGING AREA SHALL BE STABILIZED PRIOR TO OTHER OPERATIONS ON THE SITE.
4. THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM 3" THICK GRANULAR MATERIAL.
5. UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. §703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.
6. ADDITIONAL PERIMETER BMPs MAY BE REQUIRED INCLUDING BUT NOT LIMITED TO SILT FENCE AND CONSTRUCTION FENCING.

STABILIZED STAGING AREA MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. ROCK SHALL BE REAPPLIED OR REGRADED AS NECESSARY IF RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED.

SM-6 **Stabilized Staging Area (SSA)**

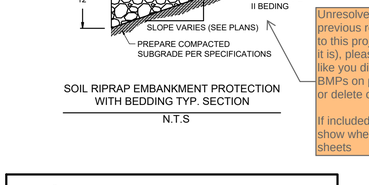
STABILIZED STAGING AREA MAINTENANCE NOTES

5. STABILIZED STAGING AREA SHALL BE ENLARGED IF NECESSARY TO CONTAIN PARKING, STORAGE, AND UNLOADING/LOADING OPERATIONS.
6. THE STABILIZED STAGING AREA SHALL BE REMOVED AT THE END OF CONSTRUCTION. THE GRANULAR MATERIAL SHALL BE REMIXED OR, IF APPROVED BY THE LOCAL JURISDICTION, USED ON SITE, AND THE AREA COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY LOCAL JURISDICTION.

NOTE: MANY MUNICIPALITIES PROHIBIT THE USE OF RECYCLED CONCRETE AS GRANULAR MATERIAL FOR STABILIZED STAGING AREAS DUE TO DIFFICULTIES WITH RE–ESTABLISHMENT OF VEGETATION IN AREAS WHERE RECYCLED CONCRETE WAS PLACED.

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

(DETAILS ADAPTED FROM DOUGLAS COUNTY, COLORADO, NOT AVAILABLE IN AUTOCAD)



SOIL RIPRAP EMBANKMENT PROTECTION WITH BEDDING TYP. SECTION

N.T.S

RIPRAP NOTES.

1. SOIL RIPRAP DETAILS ARE APPLICABLE TO SLOPED AREAS REFER TO THE SITE PLAN ACTUAL LOCATION AND LIMITS.
2. MIX UNIFORMLY 65% RIPRAP BY VOLUME WITH 35% OF APPROVED SOIL BY VOLUME PRIOR TO PLACEMENT.
3. PLACE STONE–SOIL MIX TO RESULT IN SECURELY INTERLOCKED ROCK AT THE DESIGN THICKNESS AND GRADE. COMPACT AND LEVEL TO ELIMINATE ALL VOIDS AND ROCKS PROJECTING ABOVE DESIGN RIPRAP TOP GRADE.
4. CRIMP OR TACKIFY MULCH OR USE APPROVED HYDROMULCH AS CALLED FOR IN THE PLANS AND SPECIFICATIONS.
5. ROCK SHALL BE HARD, DURABLE, ANGULAR IN SHAPE, AND FREE FROM CRACKS, OVERBURDEN, SHALE, AND ORGANIC MATTER.
6. NEITHER BREADTH NOR THICKNESS OF A SINGLE STONE SHOULD BE LESS THAN ONE–THIRD ITS LENGTH, AND ROUNDED STONE SHOULD BE AVOIDED.
7. THE ROCK SHOULD SUSTAIN A LOSS OF NOT MORE THAN 40% AFTER 500 REVOLUTIONS IN AN ABRASION TEST (LOS ANGELES MACHINEASTM C–535–69) AND SHOULD SUSTAIN A LOSS OF NOT MORE THAN 10% AFTER 12 CYCLES OF FREEZING AND THAWING (AASHTO TEST 103 FOR LEDGE ROCK PROCEDURE A).
8. ROCK HAVING A MINIMUM SPECIFIC GRAVITY OF 2.65 IS PREFERRED; HOWEVER, IN NO CASE SHOULD ROCK HAVE A SPECIFIC GRAVITY LESS THAN 2.50.

TYPE VL RIPRAP

INTERMEDIATE ROCK DIMENSION (IN .)	PERCENT PASSING (%)
12	70-100
9	50-70
6	35-50
2	2-10

*TYPE VL RIPRAP D50=6" D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT

TYPE M RIPRAP

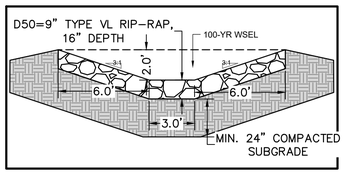
INTERMEDIATE ROCK DIMENSION (IN .)	PERCENT PASSING (%)
21	70-100
18	50-70
12	35-50
4	2-10

*TYPE M RIPRAP D50=12" D50=MEAN PARTICLE SIZE (INTERMEDIATE DIMENSION) BY WEIGHT

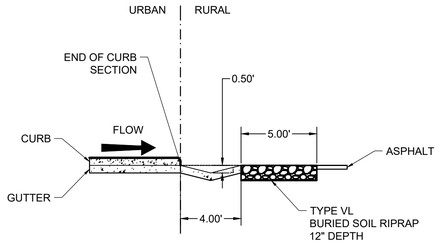
Unresolved from previous review: If N/A to this project (like I think it is), please cross off like you did for temp BMPs on previous page or delete completely.

If included in project show where in plan view sheets

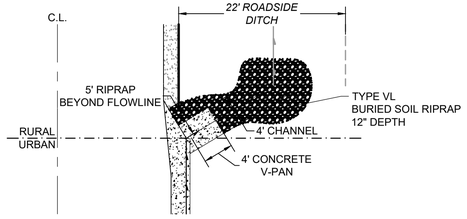
HRG Response: Riprap detail removed. To be included in future street & PCM plans as needed.



RIP-RAP RUNDOWN DETAIL
(N.T.S.)
SEE PLANS FOR LOCATION

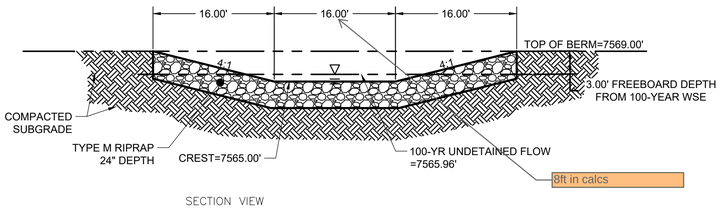


URBAN TO RURAL TRANSITION
SECTION VIEW
(N.T.S.)
SEE PLANS FOR LOCATIONS



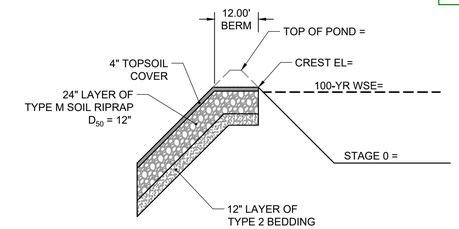
URBAN TO RURAL TRANSITION
PLAN VIEW
(N.T.S.)
SEE PLANS FOR LOCATIONS

FLYING HORSE NORTH FILING NO. 3 POND A MODIFICATIONS

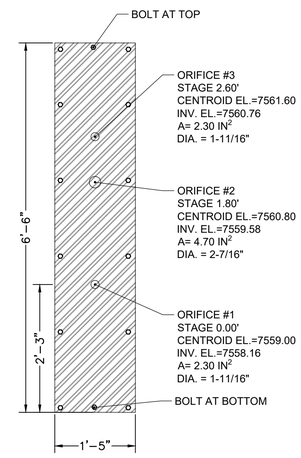


SECTION VIEW
EMERGENCY OVERFLOW SPILLWAY
SCALE: NTS

ADDRESSED



PROFILE VIEW –
EMERGENCY OVERFLOW SPILLWAY
SCALE: NTS



ELEVATION VIEW
ORIFICE PLATE DETAIL
SCALE: 3/4" = 1'

EPC FILE #: _PPR-259_

HR GREEN Xrefs: Riprap Details; xgt-1-dh01; Spillway_POND_A; Spillway_Profile

DRAWN BY: CVW JOB DATE: 5/28/2025
APPROVED: RDL JOB NUMBER: 2403816
CAD DATE: 5/29/2025
CAD FILE: J:\2024\2403816\CAD\Dwgs\C\CDs\GEC\DT01

BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1"
IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION

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FLYING HORSE COUNTRY CLUB, LLC.
COLORADO SPRINGS, COLORADO

GRADING & EROSION CONTROL PLANS
DETAILS

SHEET DT02 | 13