COMMERCIAL DEVELOPMENT PLAN FOR PENROSE RV & BOAT STORAGE

COMMERCIAL RECREATIONAL VEHICLE AND BOAT STORAGE FACILITY

PROJECT TEAM

OWNER

EPCOCO REI ONE, LLC. JOHN EDGAR 3455 FILLMORE RIDGE HEIGHTS COLORADO SPRINGS, CO 80907

ARCHITECT

CURTIS KOLDEWAY, NCARB HAUSER ARCHITECTS LOVELAND, CO 80538 970.669.8220

CIVIL ENGINEER

JAMES A. BRZOSTOWICZ, P.E. CIVIL RESOURCES, LLC. 8308 COLORADO BLVD., SUITE 200 FIRESTONE, CO 80504 303.833.1416 EXT. 203

GENERAL CONTRACTOR

MCCAULEY CONSTRUCTORS 650 INNOVATION CIR. WINDSOR, CO 80550 970.686.6300





SCALE: 1" = 1000 UNITS

SHEET INDEX		
SHEET NUMBER	SHEET TITLE	
C1,0	COVER	
C2,0	EXISTING CONDITIONS PLAN	
C3.0	SITE PLAN	
C3.1	CDOT ACCESS PLAN	
C4.0	GRADING PLAN	
C5,0	UTILITY PLAN	
C6,0	DRAINAGE PLAN	
C7.0	INITIAL EROSION CONTROL PLAN	
C7 I	INTERIM-FINAL EROSION CONTROL PLAN	
C8 0	DETAILS 1	
CB 1	DETAILS 2	
C8.2	DETAILS 3	
C8,3	DETAILS 4	

LEGAL DESCRIPTION

A PARCEL OF LAND LOCATED WITHIN A PORTION OF THE NW $\frac{1}{4}$ OF SECTION 28, TOWNSHIP 18 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF FREMONT, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

LOT 2, COYLE-VANEGMOND LOT LINE ADJUSTMENT, ACCORDING TO THE RECORDED PLAT THEREOF, FILED FOR RECORD ON JANUARY 23, 1996 IN BOOK 1237 PAGE 531, AS RECEPTION NO. 642721 IN THE RECORDS OF THE PUEBLO COUNTY CLERK AND RECORDER, COUNTY OF PUEBLO, STATE OF

BENCHMARK:

MAG NAIL (CONTROL POINT NO. 500), ASSUMED ELEVATION=5507.88'.

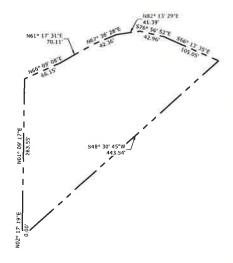
ALL TOPOGRAPHIC AND SURVEY DATA PROVIDED BY CARDINAL POINTS SURVEYING INC., DATED

PROJECT DESCRIPTION:

THIS PROJECT PROPOSES TO DEVELOP THE SUBJECT PROPERTY INTO AN INDOOR MINI-STORAGE FACILITY FOR RECREATIONAL VEHICLES, BOATS, AND SIMILAR USES.

LOT 2		
AREA (SF) 59,183		
AREA (AC)	1,36	
ZONE DISTRICT	B-BUSINESS	
LAND USE	STORAGE FACILITY	

ADJOINING PROPERTIES		
	ZONE DISTRICT	LAND USE
NORTH	B-BUSINESS	BUSINESS
EAST	AR-AGRICULTURAL RURAL	UNDEVELOPED
SOUTH	AL-AGRICULTURAL LIVING	UNDEVELOPED
WEST	AR-AGRICULTURAL RURAL	AUTOMOTIVE/TRUCKING COMPANY







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303.833.1416
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650 INNOVATION CIRCLE PO BOX 200 WINDSOR, CO 80550

2 COYLE-VANEGMOND LOT LINE ADJUSTMENT NROSE, FREMONT COUNTY, CO COMMERCIAL DEVELOPMENT PLAN LOT

	REVISIONS	
NO.	DESCRIPTION	DAT
UI	PLANNING REVIEW	05/17
02	PLANNING REVIEW	06/21
03	PLANNING REVIEW	10/04/
04	PLANNING REVIEW	12/07
05	PLANNING REVIEW	01/17

DESIGNED BY: MJJ DATE: 02/13/24 CHECKED BY: JAB AS NOTED NG NAME: 355,001,02 CVR.dwg

COVER

811 NOW WHAT'S BELOW CALL BEFORE YOU DI

C1.0

PREPARED FOR:

MCCAULEY CONSTRUCTORS

605 INNOVATION CIRCLE PO BOX 200 WINDSOR, CO 80550

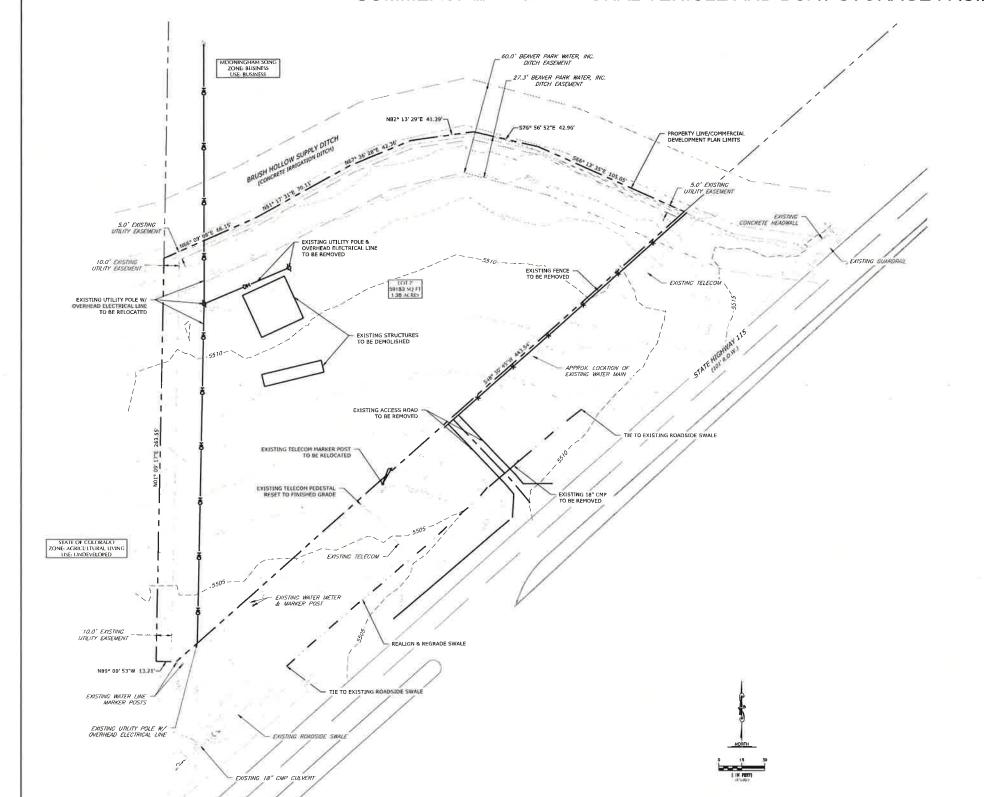
PREPARED BY:

CIVIL RES URCES, LLC

8308 COLORADO BLVD SUITE 200 FIRESTONE, CO 80530 303 833 1416

PENROSE RV & BOAT STORAGE

COMMERCIAL RECREATIONAL VEHICLE AND BOAT STORAGE FACILITY



LEGAL DESCRIPTION:

A PARCEL OF LAND LOCATED WITHIN A PORTION OF THE NW \$\frac{1}{4}\$ OF SECTION 28, TOWNSHIP 18 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF FREMONT, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

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LEGEND

EXISTING				
5740				
5736				
٥				



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650 INNOVATION CIRCLE PO BOX 200 WINDSOR, CO 80550

COMMERCIAL DEVELOPMENT PLAN
LOT 2 COYLE-VANEGMOND LOT LINE
ADJUSTMENT
PENROSE, FREMONT COUNTY, CO

	REVISIONS	
NO!	DESCRIPTION	DATE
01	PLANNING REVIEW	05/17/2
02	PLANNING REVIEW	06/21/7
03	PLANNING REVIEW	10/04/2
05	PLANNING REVIEW	01/17/2
-		
		_

DESIGNED BY: RJJ DATE: 02/13/24
DRAWN BY: RJJ SCALE: 1"=30"
CHECKED BY: JAB

JOB NO.: 355.001.02
DWG NAME: 155.001.02 EX 5P.dwg

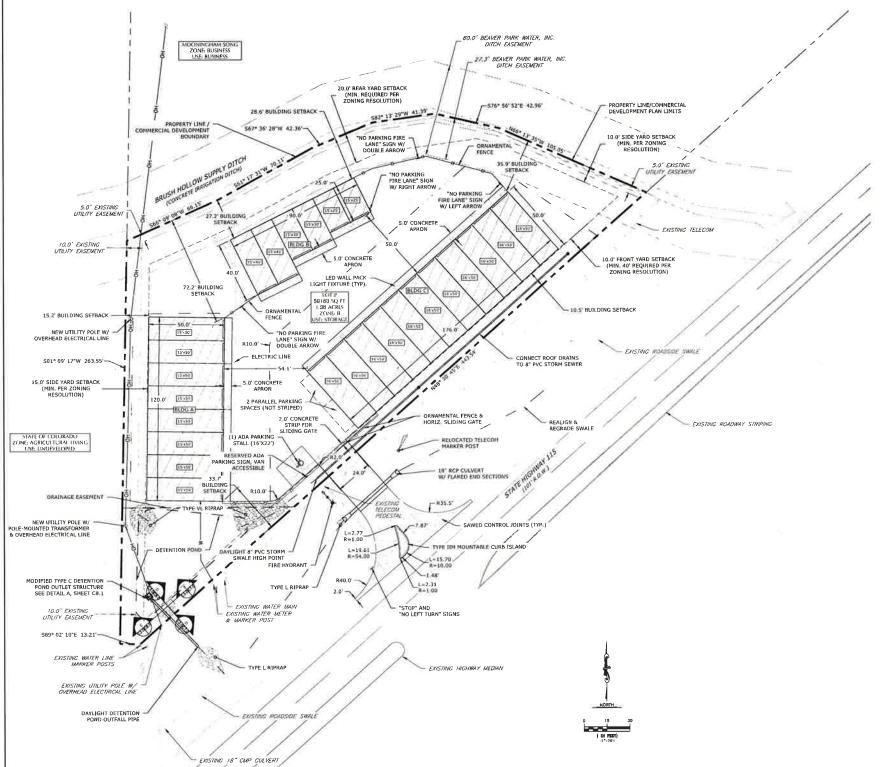
EXISTING CONDITIONS PLAN

ence

C2.0

COMMERCIAL DEVELOPMENT PLAN FOR PENROSE RV & BOAT STORAGE

COMMERCIAL RECREATIONAL VEHICLE AND BOAT STORAGE FACILITY



A PARCEL OF LAND LOCATED WITHIN A PORTION OF THE NW \$ OF SECTION 28, TOWNSHIP 18 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF FREMONT, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

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LEGEND

PROPOSED		EXISTING
	PROPERTY LINE /COMMERCIAL DEVELOPMENT PLAN BOUNDARY	
5740	MAJOR CONTOUR	5740
(5736)	MINOR CONTOUR	5756
	EASEMENT	
	EASEMENT CENTERLINE	
	SETBACK	
0 0	FENCE/GUARDRAIL	
	ROAD BASE (6" MIN, THICKNESS)	
	ASPHALT	
	6" THICK CONCRETE	
11111	PRE-ENGINEERED METAL BUILDING	
- = =	SWALE CENTERLINE	
	STORM SEWER	
	TELECOM	
——он——	OVERHEAD WIRES	
þ	UTILITY POLE	
	UTILITY MARKER POST	0
-0-	SIGN	

	8011	DING SUN	MMARY		
BUILDING	USE	HEIGHT	LENGTH	WIDTH	AREA
Α	MINI-STORAGE	20'-4"	50'	120'	6,000 SF
В	MINI-STORAGE	19'-5"	40'	90'	3, 150 SF
С	MINI-STORAGE	20'-4"	50'	176'	8,800 SF

	REQUIRED	PROVIDED
MIN, LOT AREA	7,500 SF	59, 183 SF
MAX. LOT COVERAGE	65%	28%
MIN. LOT WIDTH	75'	406'
MAX. BUILDING HEIGHT	50'	20'-4"
MIN_SETBACKS*	100	34
FRONT	40'	10.5'
REAR	20'	27.2'
SIDE (NORTHEAST)	10'	35.9'
SIDE (WEST)	15'	15.2

- 1. IDENTIFICATION SIGNAGE TO BE BUILDING-MOUNTED ON BUILDING C. REFER TO ABCHITECTURAL ELEVATION FOR SIGNAGE TYPE, LOCATION, AND ILLUMINATION.
 2. NO DOMESTIC WATER OR SANITARY SEWER SERVICE IS PROVIDED FOR TENANT OR PUBLIC USE.
 3. A LOCKING HOSE BIBB IS PROVIDED FOR OWNER MAINTENANCE ONLY.
 4. NO TRASH RECEPTACLES ARE PROVIDED FOR OWNER OR TENANT USE.
 5. NO OFF-STREET LOADING AREAS ARE PROVIDED FOR OWNER OR TENANT USE.





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650 INNOVATION CIRCLE PO BOX 200 WINDSOR, CO 80550

LOT 2 COYLE-VANEGMOND LOT LINE ADJUSTMENT COMMERCIAL DEVELOPMENT PLAN 8 PENROSE, FREMONT COUNTY,

	REVISIONS	
NO	DESCRIPTION	DATE
01	PLANNING REVIEW	05/17/24
02	PLANNING REVIEW	6/21/24
03	PLANNING REVIEW	10/04/24
04	PLANNING REVIEW	12/07/25
65	PLANNING REVIEW	01/17/25
_		

DESTONED BY: RJJ DATE: 02/13/24

DRAWN BY: BJJ SCALE: 1°=30°

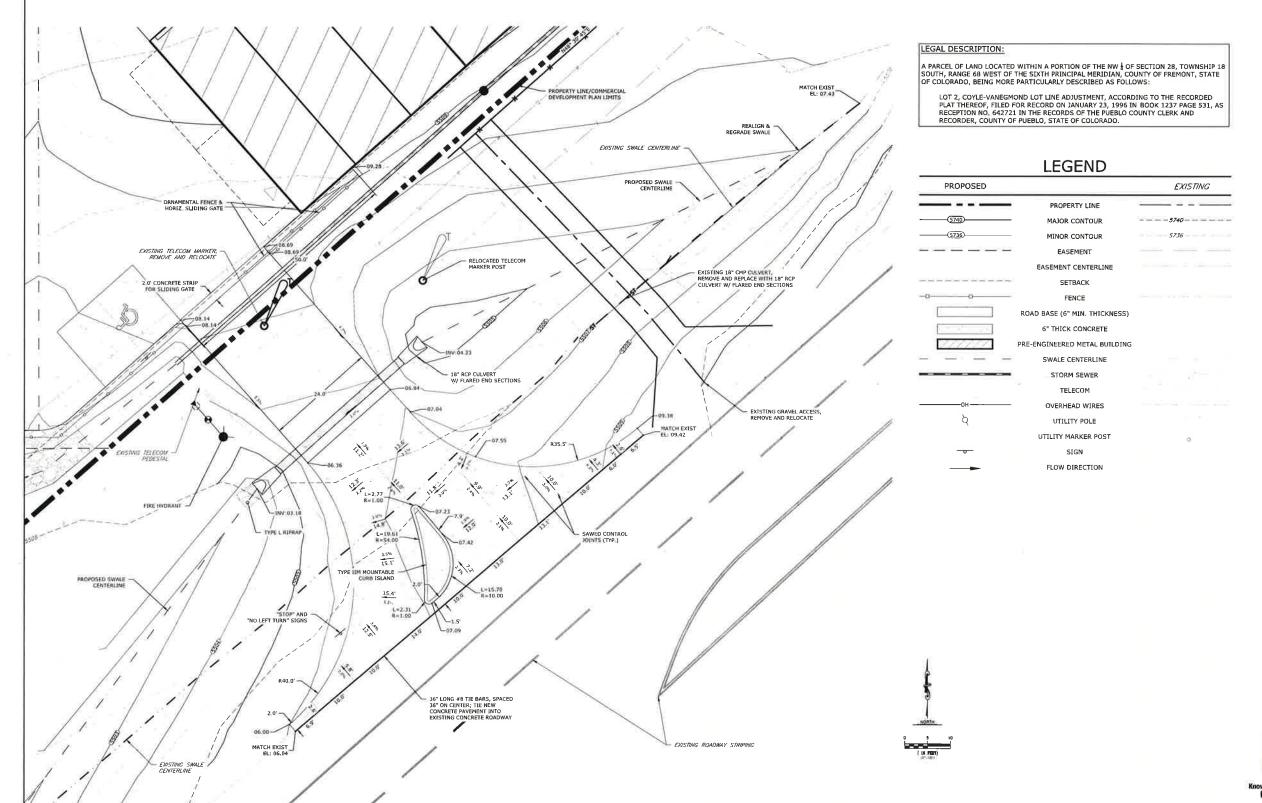
CHECKED BY: JAB WG NAME: 355,001.02 SP.dwg

SITE PLAN

C3.0

PENROSE RV & BOAT STORAGE

COMMERCIAL RECREATIONAL VEHICLE AND BOAT STORAGE FACILITY





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650 INNOVATION CIRCLE PO BOX 200 WINDSOR, CO 80550

COMMERCIAL DEVELOPMENT PLAN
LOT 2 COYLE-VANEGMOND LOT LINE
ADJUSTMENT
PENROSE, FREMONT COUNTY, CO

REVISIONS		
NO.	DESCRIPTION	DATE
03	PLANNING REVIEW	10/04/2
05	PLANNING REVIEW	01/17/2

DESIGNED BY: RJJ
DRAWN BY: RJJ
CHECKED BY: JAB
10B NO.: J55,001.02
DWG NAME: 155,001.02
DWG NAME: 155,001.02

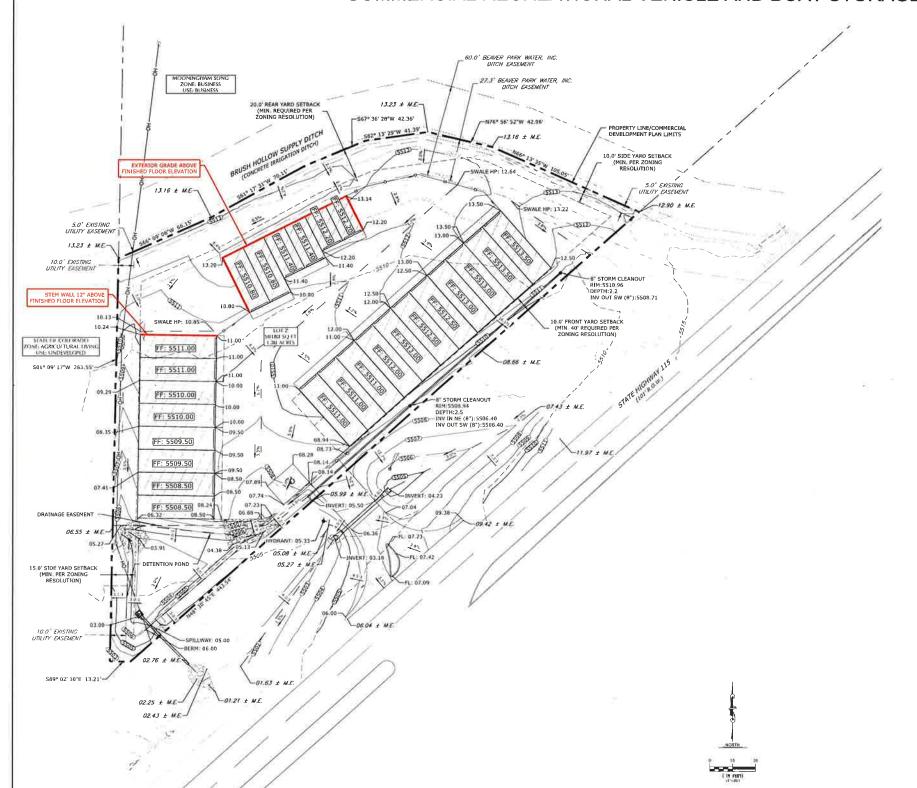
CDOT ACCESS PLAN

SHEET:

C3.1

PENROSE RV & BOAT STORAGE

COMMERCIAL RECREATIONAL VEHICLE AND BOAT STORAGE FACILITY



LEGAL DESCRIPTION:

A PARCEL OF LAND LOCATED WITHIN A PORTION OF THE NW 1 OF SECTION 28, TOWNSHIP 18 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF FREMONT, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

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LEGEND

PROPOSED		EXISTING
	PROPERTY LINE	
(5740)	MAJOR CONTOUR	5740
5736	MINOR CONTOUR	5736
	EASEMENT	
	EASEMENT CENTERLINE	
	SETBACK	
-00	FENCE/GUARDRAIL	
	ROAD BASE	
	ASPHALT	
	CONCRETE	
192197	PRE-ENGINEERED METAL BUILDING	
	SWALE CENTERLINE	
	STORM SEWER	
OH	OVERHEAD WIRES	
3 0:1 1 8%	SLOPE & FLOW DIRECTION	
•—— xx xx	SPOT ELEVATION	
→ XX.XX ± M.E.	MATCH EXISTING ELEVATION	
FF: XXXX.XX	FINISHED FLOOR ELEVATION	

NOTE:

MODERATE INFILTRATION RATES WHEN THOROUGHLY WET, A MODERATE RATE OF WATER TRANSMISSION, AND CONSISTING OF MODERATELY DEEP TO DEEP, MODERATELY WELL DRAINED OR WELL DRAINED SOILS THAT HAVE MODERATELY FINE TEXTURE TO MODERATELY COARSE TEXTURE. REFER TO DRAINAGE REPORT FOR ADDITIONAL INFORMATION.



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650 INNOVATION CIRCLE PO BOX 200 WINDSOR, CO 80550

COMMERCIAL DEVELOPMENT PLAN
LOT 2 COYLE-VANEGMOND LOT LINE
ADJUSTMENT
PENROSE, FREMONT COUNTY, CO

REVISIONS				
NO	DESCRIPTION	DATE		
01	PLANNING REVIEW	05/17/2		
02	PLANNING REVIEW	06/21/2		
03	PLANNING REVIEW	10/04/24		
05	PLANNING REVIEW	01/17/25		
+				
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DESIGNED BY: RJJ DATE: 02/13/24
DRAWN BY: RJJ SCALE; 1"=30"
CHECKED BY: JAB

JOB NO.: 355.001.02
DWG NAME: 355.001.02

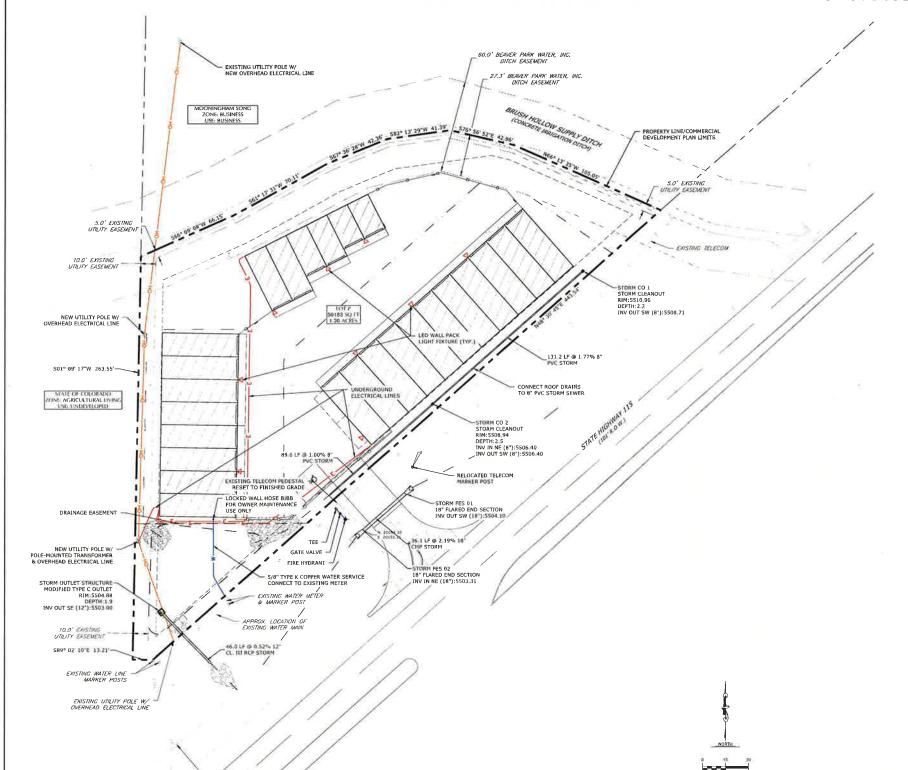
GRADING PLAN

C4.0

Cnow what's below.
Call before you dig

PENROSE RV & BOAT STORAGE

COMMERCIAL RECREATIONAL VEHICLE AND BOAT STORAGE FACILITY



LEGAL DESCRIPTION

A PARCEL OF LAND LOCATED WITHIN A PORTION OF THE NW \$ OF SECTION 28, TOWNSHIP 18 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF FREMONT, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

LOT 2, COYLE-VANEGMOND LOT LINE ADJUSTMENT, ACCORDING TO THE RECORDED PLAT THEREOF, FILED FOR RECORD ON JANUARY 23, 1996 IN BOOK 1237 PAGE 531, AS RECEPTION NO. 64272 IN THE RECORDS OF THE PUEBLO COUNTY CLERK AND RECORDER, COUNTY OF PUEBLO, STATE OF COLORADO.

LEGEND

PROPOSED		EXISTING
C C	PROPERTY LINE	
	EASEMENT	
	EASEMENT CENTERLINE	
	SETBACK	
0-0-	FENCE/GUARDRAIL	
	ROAD BASE	
	ASPHALT	
N 28 E	CONCRETE	
183658	PRE-ENGINEERED METAL BUILDING	
	SWALE CENTERLINE	
	STORM SEWER	
- W	WATER LINE	
	TELECOM	
ОН	OVERHEAD WIRES	
E	UNDERGROUND ELECTRIC	
þ	UTILITY POLE	
	UTILITY MARKER POST	a
-0	SIGN	
	FLARED END SECTION	



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650 INNOVATION CIRCLE PO BOX 200 WINDSOR, CO 80550

COMMERCIAL DEVELOPMENT PLAN
LOT 2 COYLE-VANEGMOND LOT LINE
ADJUSTMENT
PENROSE, FREMONT COUNTY, CO

REVISIONS		
NO.	DESCRIPTION	DAT
10	PLANNING REVIEW	05/17
02	PLANNING REVIEW	06/21
03	PLANNING REVIEW	10/04
05	PLANNING REVIEW	01/17

DESIGNED BY: RJJ DATE: 02/13/24 DRAWN BY: RJJ SCALE; 1"=30" CHECKED BY: JAB DOB NO. 1355.091.02 DWG NAME: 155.001.02 UTP.dwq

UTILITY PLAN

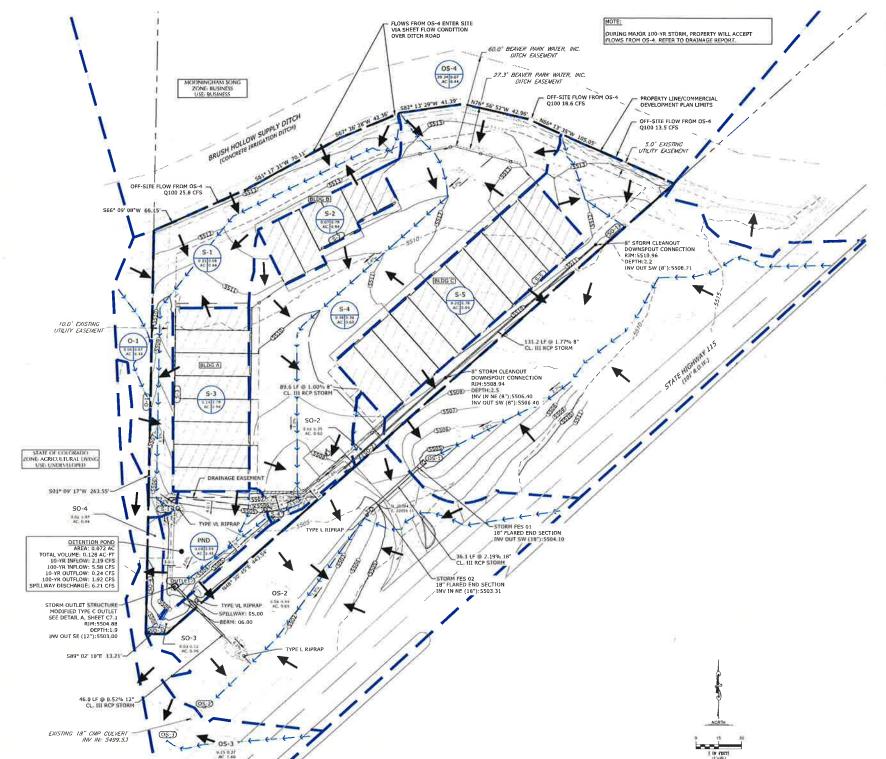
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C5.0



PENROSE RV & BOAT STORAGE

COMMERCIAL RECREATIONAL VEHICLE AND BOAT STORAGE FACILITY



LEGAL DESCRIPTION

A PARCEL OF LAND LOCATED WITHIN A PORTION OF THE NW \$ OF SECTION 28, TOWNSHIP 18 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF FREMONT, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

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LEGEND

PROPOSED		EXISTING
	PROPERTY LINE	
5740	MAJOR CONTOUR	
5736	MINOR CONTOUR	5736
	EASEMENT	
	SETBACK	
0 0	FENCE/GUARDRAIL	
	ROAD BASE	
	ASPHALT	
200	CONCRETE	
1111151	PRE-ENGINEERED METAL BUILDING	
	SWALE CENTERLINE	
	STORM SEWER	
3,0:1 1.8%	SLOPE & FLOW DIRECTION	
-	DRAINAGE BASIN BOUNDARY	
$\rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow$	DRAINAGE BASIN FLOW PATH	
(A-#)	DRAINAGE BASIN DESIGN POINT	
~ _	— DRAINAGE BASIN IDENTIFICATION	
(xxx)z)	RUNOFF COEFFICIENTS (10-YR & 100-Y	(R)
	— DRAINAGE BASIN AREA (ACRES)	

NOTE:

- ISTE SOILS CAN BE CLASSIFIED AS HYDROLOGIC SOIL GROUP B, SOIL GROUP B IS CHARACTERIZED AS HAVING MODERATE INFILTRATION RATES WHEN THOROUGHLY WET, A MODERATE RATE OF WATER TRANSMISSION, AND CONSISTING OF MODERATELY DEEP TO DEEP, MODERATELY WELL DRAINED OR WILL DRAINED SOILS THAT HAV MODERATELY FINE TEXTURE TO MODERATELY COARSE TEXTURE, REFER TO DRAINAGE REPORT FOR ADDITIONAL INFERNMENT.
- FOR THE OPERATIONS AND MAINTENANCE OF PERMANENT STORMWATER CONTROL MEASURES, REFER TO APPENDIX E OF THE DRAINAGE REPORT.

	1"	1101191	F SUMMARY T Weighted	Runoff Coefficient "C"		Runoff	
Sub-Basin	Design Point	Total Area	Imperviousness			10-Year 100-Year	
I.D.		(ac)	(%)		31	(cfs)	(cfs)
08-1	0S-1	0.64	32.1	0.32	0.58	0.67	2.23
05-2	OS-2	0.56	47.9	0.44	0.65	1.11	2.98
05-3	OS-3	0.15	38.9	0.37	0.60	0.25	0.74
OS-4	OS-4	39 34	2.0	0 07	0.44	5.07	57.93
50-1	50-1	0.12	2.0	0.07	0.44	0.04	0.44
SO-2	SO-2	0.02	36.6	0.35	0.60	0.02	0.08
SO-3	SO-3	0.03	8.1	0.12	0.46	0.01	0.10
50-4	SO-4	0.02	2.0	0.07	0.44	0.01	0.06
OFF-SITE TOTAL	OFF-SITE	40.9	3.3	0.08	0.44	7.18	64.55
S-1	S-1	0.21	27	0.08	0.44	0.05	0.53
5-2	S-2	0.07	90.0	0.78	0.84	0.23	0.45
S-3	S-3	0.14	90.0	0.78	0.84	0.48	0.94
S-4	S-4	0.48	38 3	0.36	0.60	0.59	1.79
S-5	S-5	0.20	90.0	0.78	0.84	0.70	1.38
PND	OUTLET	0.08	4.1	0 09	0.45	0.03	0.29
0-1	0-1	0.06	20	0.07	0.44	0.02	0.23
POND TOTAL	PND	1.24	45.0	0.42	0.64	2.11	5.60
Total		42.12	4.5	0.09	0.45	9.29	70.15

Table 6-5 (USDCM) along with the weighted imperviousness for each basin was used to find the composite "C" runof coefficient
²Q = CIA



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650 INNOVATION CIRCLE PO BOX 200 WINDSOR, CO 80550

COMMERCIAL DEVELOPMENT PLAN
OT 2 COYLE-VANEGMOND LOT LINE
ADJUSTMENT
PENROSE, FREMONT COUNTY, CO

	REVISIONS	
NO.	DESCRIPTION	DATE
01	PLANNING REVIEW	05/17/2
0.5	PLANNING REVIEW	06/21/2
03	PLANNING REVIEW	10/04/2
05	PLANNING REVIEW	01/17/2

DESIGNED BY RJJ DATE: 02/13/24
DRAWN BY: RJJ SCALE: 1°=30°
CHECKED BY: JAB
10B NO: 255.001.02
DWG NAME: 355.001.02 DRP.dmg

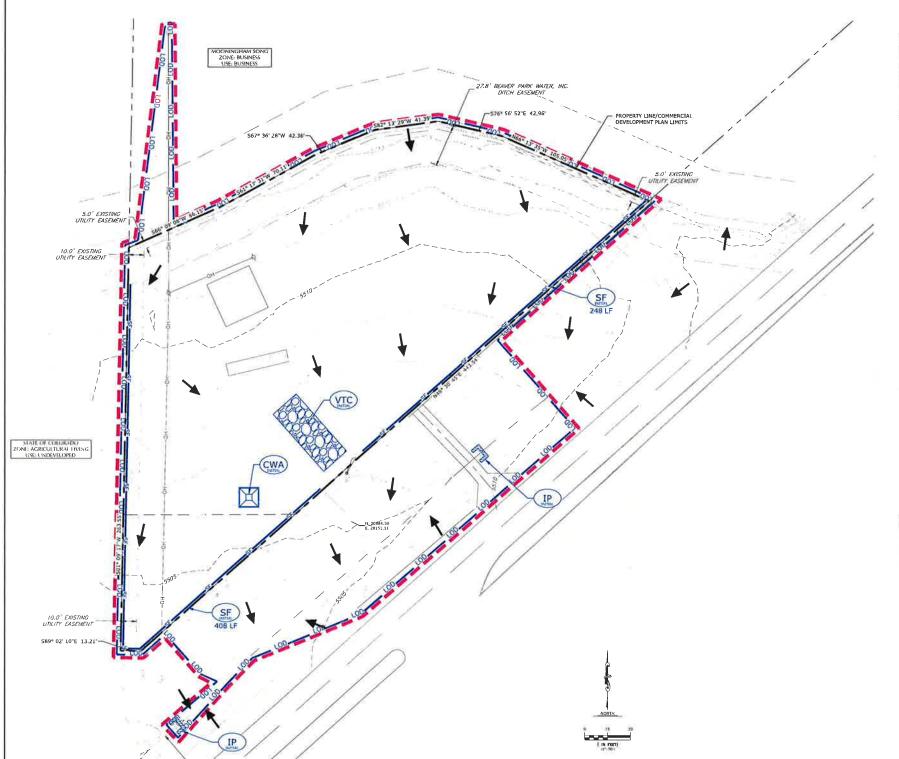
DRAINAGE PLAN

C6.0



COMMERCIAL DEVELOPMENT PLAN FOR PENROSE RV & BOAT STORAGE

COMMERCIAL RECREATIONAL VEHICLE AND BOAT STORAGE FACILITY

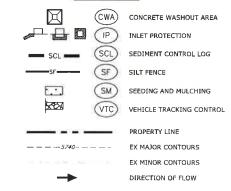


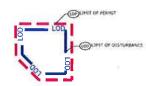
LEGAL DESCRIPTION:

A PARCEL OF LAND LOCATED WITHIN A PORTION OF THE NW \$\frac{1}{2}\$ OF SECTION 28, TOWNSHIP 18 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF FREMONT, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

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BMP LEGEND





NOTES:

- 1. LIMIT OF DISTURBED AREA: 1.93 AC
- 2 LIMIT OF PERMIT AREA: 2.01 AC
- 3. SEE SHEETS CB. I THROUGH CB. 3 FOR EROSTON CONTROL DETAILS
- 4. SITE SOILS CAN BE CLASSIFIED AS HYDROLOGIC SOIL GROUP B, SOIL GROUP B IS CHARACTERIZED AS HAVING MODERATE INFILITRATION RATES WHEN THOROUGHLY WET, A MODERATE RATE OF WATER TRANSMISSION, AND CONSISTING OF MODERATELY OPER TO DEEP, MODERATELY WELL DRAINED OR WELL DRAINED SOILS THAT HAVI MODERATELY FINE TEXTURE TO MODERATELY COARSE TEXTURE. REFER TO DRAINAGE REPORT FOR ADDITIONAL INFORMATION.



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650 INNOVATION CIRCLE PO BOX 200 WINDSOR, CO 80550

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COMMERCIAL DEVELOPMENT PLAN
LOT 2 COYLE-VANEGMOND LOT LINE
ADJUSTMENT
PENROSE, FREMONT COUNTY, CO

NO. DESCRIPTION	
not bescribing	DATE
03 PLANNING REVIE	W 10/01/2
05 PLANNING REVIE	W 01/17/2

DESIGNED BY: RJJ DATE: 02/13/24

DRAWN BY: RJJ SCALE: 1"=30"

CHECKED BY: JAB

JOB NO.: 355 001.02

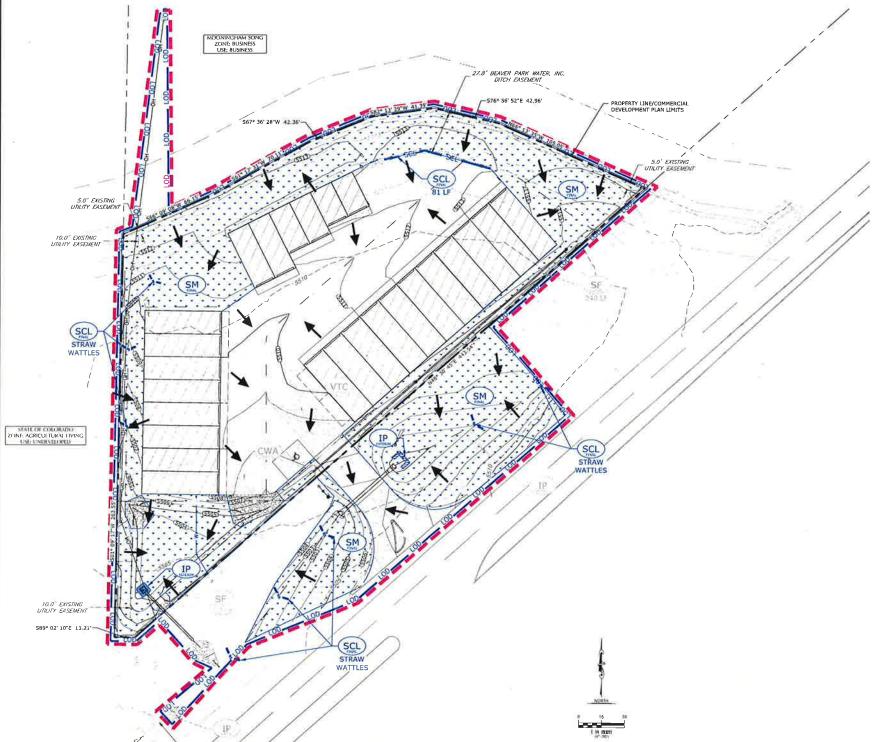
INITIAL EROSION CONTROL PLAN

in and

C7.0

COMMERCIAL DEVELOPMENT PLAN FOR PENROSE RV & BOAT STORAGE

COMMERCIAL RECREATIONAL VEHICLE AND BOAT STORAGE FACILITY

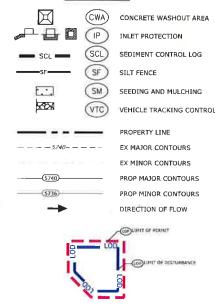


LEGAL DESCRIPTION

A PARCEL OF LAND LOCATED WITHIN A PORTION OF THE NW & OF SECTION 28, TOWNSHIP 18 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF FREMONT, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

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BMP LEGEN



NOTES:

- 1 LIMIT OF DISTURBED AREA: 1 93 AC
- 2 LIMIT OF PERMIT AREA: 2.01 AC
- 3 SEE SHEETS CB.1 THROUGH CB.3 FOR EROSION CONTROL DETAILS
- 4. SITE SOILS CAN BE CLASSIFIED AS HYDROLOGIC SOIL GROUP B. SOIL GROUP B IS CHARACTERIZED AS HAVING MODERATE INPILITATION RATES WHEN THROUGHLY WET, A MODERATE RATE OF WATER TRANSMISSION, AND CONSISTING OF MODERATELY DEEP TO DEEP, MODERATELY WELL DRAINED OR WELL DRAINED SOILS THAT HAVE MODERATELY FINE TEXTURE TO MODERATELY COARSE TEXTURE. REFER TO DRAINAGE REPORT FOR ADDITIONAL INFORMATION.



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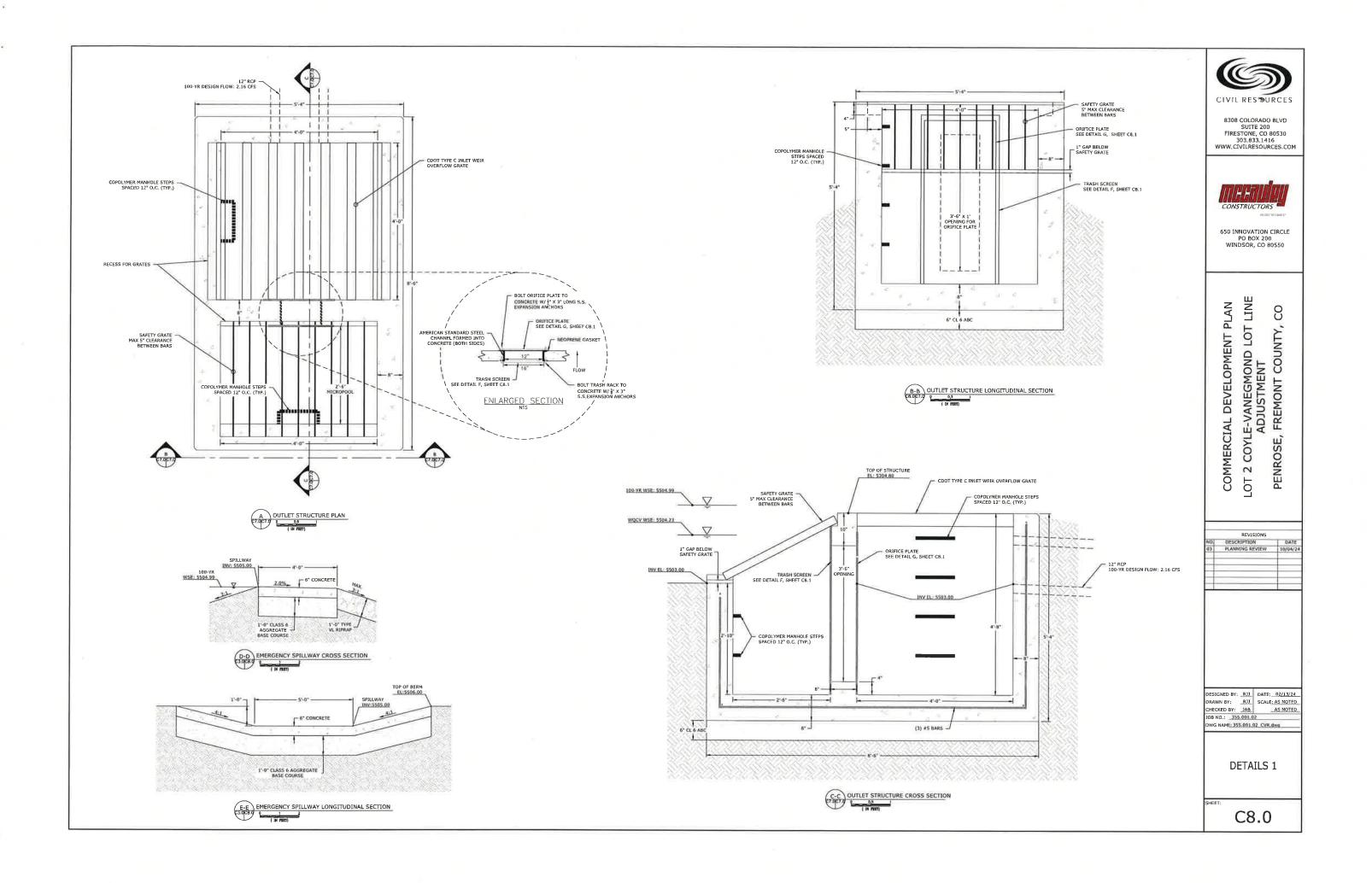
COMMERCIAL DEVELOPMENT PLAN
LOT 2 COYLE-VANEGMOND LOT LINE
ADJUSTMENT
PENROSE, FREMONT COUNTY, CO

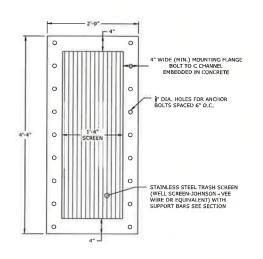
DESCRIPTION	DATE
PLANNING REVIEW	10/01/24
PLANNING REVIEW	01/17/25
	PLANNING REVIEW

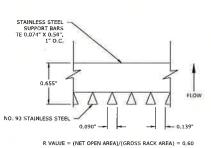
DESIGNED BY: R33 DATE: 02/13/24
DRAWN BY: R31 SCALE; 1"=30"
CHECKED BY: JAB
10B NO: 355.001.02
DWG NAME: 355.001.02 ESCP.dwg

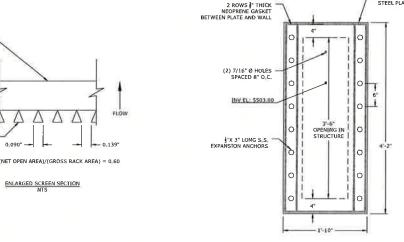
INTERIM-FINAL EROSION CONTROL PLAN

C7.1











TRASH SCREEN

Concrete Washout Area (CWA) MM-1 MM-1

CWA 2 X 8 M/s CONCRETE WASHOUT AREA PLAN 8 X 8 MIN. SECTION A

CWA-1. CONCRETE WASHOUT AREA

- CWA INSTALLATION NOTE
- 1, SEE PLAN VIEW FOR:
 -CWA INSTALLATION LOCATION.
- 2. DO NOT LOCATE AN UNLINED CWA WITHIN 400° DF ANY NATURAL DRAINAGE PATHWAY OR WATERBOOK, GO NOT LOCATE WHINN 1,000° OF ANY WELLS OR DRINNING WATER SQUIPETS.

 THE CWA MUST BE INSTALLED WITH AN URPERBORALE LINER (1 SIA LIA IN THOCKES) OR SURFACE STORAGE ALTERNATINGS USING PREFABBOOKED CONCRETE WASHOUT DRYICES OR A LENG AUGUS (FOLOW) STORAGE ARE STOUDD BE USED.
- 3 THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE. 4 CWA SHALL HICLUGE 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.
- 6. VEHICLE TRACKING PAG SINCL BE SLOPED 25 TOWARDS THE CWA. 7 SCHS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND ELSEWHERE AS INCESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS OF CONCRETE TRUCKS AND PLUIP ROSE.
- 8 USE EXCAYATED MATERIAL FOR PERIMETER BERM CONSTRUCTION

November 2010

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CWA-3

CWA-4

Concrete Washout Area (CWA)

CHIL MANDEMAGE NOTES

I, INSPECT BUPS EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION MAINTENANCE OF BURS SHOULD BE PROACTIVE, NOT REACTIVE, INSPECT BURS AS SOON AS POSSIGLE (AND ALMAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSON, AND PERFORM RECESSARY MAINTENANCE.

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

3. WHERE BMPs MAVE FALLED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FALLIRE

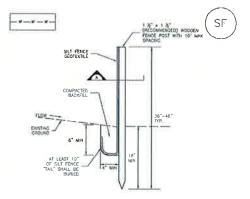
5. CONCRETE WASHOUT WATER, WASTED PIECES OF CONCRETE AND ALL OTHER DEBRIS IN THE SUBSUPRACE PIT SHALL BE TRANSPORTED FROM THE JOB SITE IN A WATER-TICHT CONTAINER AND DISPOSED OF PROPERTY.

6. THE CHA SHALL REMAIN IN PLACE UNIT. ALL CONCRETE FOR THE PROJECT IS PLACED. 7. WHEN THE CWA IS REMOVED, COVER THE DISTURBED AREA WITH TOP SOIL SEED AND MULCH OR DIHERMISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

(DETAIL ADMPTLD FROM DOUGLAS COUNTY, COLORADO AND THE CITY OF PARKER, COLORADO, NOT AVAILABLE IN AUTOCAD MOJE: MANY JURISDICTIONS HAVE BUP DETAILS THAT VARY FROM UDGED STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED. Silt Fence (SF)

WATER QUALITY ORIFICE PLATE

SC-1





SECTION A

SF-1. SILT FENCE

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SC-1

Silt Fence (SF)

SEE FENCE HISTALIATION HOTES

3. COMPACT ANCHOR TRENCH BY HAND WITH A "JUMPING JACK" OR BY WHECL ROLLING, COMPACTION SHALL BE SUCH THAT SALT FENCE RESISTS BEING PULLED OUT OF ANCHOR TRENCH BY HAND.

4 SILT FENCE SHALL BE PULLSD TIGHT AS IT IS ANCHORED TO THE STAKES, THERE SHOULD BE NO NOTICEABLE SAG BETWEEN STAKES AFTER IT HAS BEEN ANCHORED TO THE STAKES 5. SILT FENCE FABRIC SHALL BE ANCHORED TO THE STAKES USING 1" HEAVY DUTY STAPLES OR NALS WITH 1" HADS: STAPLES AND NAILS SHOULD BE PLACED 3" ALONG THE FABRIC DOWN THE STAKE.

6 AT THE END OF A BUN OF SLT FENCE ALONG A CONTOUR. THE SUT FENCE SHOULD BE TURNED PERPENDICULAR TO THE CONTOUR TO CREATE A "1-HOOK." THE "1-HOOK" EXTENDING PERPENDICULAR TO THE CONTOUR SHOULD BE OF SUFFICIANT LENGTH TO MEEP RUNOFF FROM FLOWING ABOUND THE END OF THE SUT FENCE (TRYPOLITY TO "-20").

7. SILT FENCE SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES. SULT FENCE WANTENWICE NOTES

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

J. WHERE BAIPS HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INSTATED UPON DISCOVERY OF THE FAILURE

4. SECNUENT ACCUMULATED UPSTREAM OF THE SKT FENCE SHALL RE REHOVED AS NEEDED TO MANTAN THE FUNCTIONALITY OF THE BMP, TYPICALLY WHEN CEPTH OF ACCUMULATED SECONDAINS TO APPROXIMATELY 6".

 SILT FENCE IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION, OR IS REPLACED BY AN EQUIVALENT PERIMETER SECULENT CONTROL BURY. 7. WHEN SILT FENCE IS RENOVED, ALL DISTURBED AREAS SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

(DETAIL ADAPTED FROM TOWN OF PARKER, COLURADO AND CITY OF ALRICRA, HOT AVAILABLE IN AUTOCAD) NOTE; NAMY JURISCHORONS HAVE BMP DETAILS THAT WARY FROM LIDECE STANDARD DETAILS CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE HORED.

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COYLE-VANEGMOND LOT LINE ADJUSTMENT COMMERCIAL DEVELOPMENT PLAN 8 COUNTY, FREMONT PENROSE,

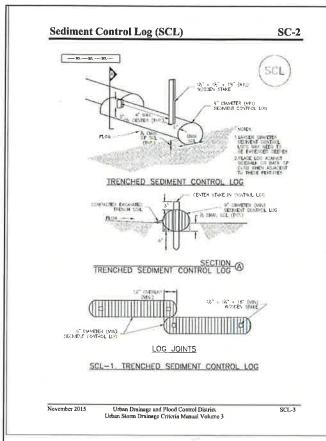
REVISIONS DESCRIPTION PLANNING REVIEW 10/04/24

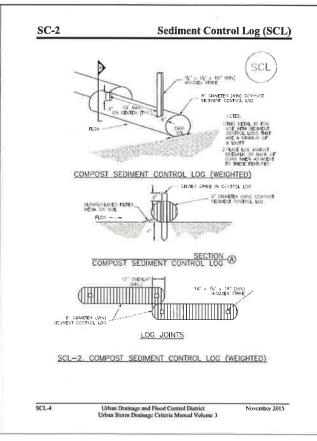
LOT 2

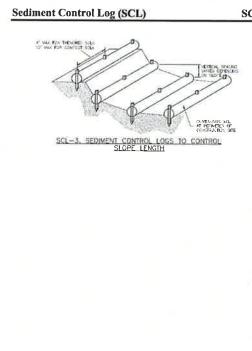
DESIGNED BY: RJJ DATE: 02/13/24 DRAWN BY: RJJ SCALE; AS NOTED CHECKED BY: JAB AS NOTED JOB NO.: 355 001 02 OWG NAME: 355.001.02 CVR.dwg

DETAILS 2

C8.1







Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3

SC-2

SCL-5

Sediment Control Log (SCL)

SEONOUT CONTROL LOG PREFALLATION NOTES

SC-2

I, SEE PLAN VIEW FOR LOCATION AND LENGTH OF SECIMENT CONTROL LOCS.

2. SECUMENT CONTROL LOGS THAT ACT AS A PERIMETER CONTROL SHALL BE INSTALLED FRIOR TO ANY UPGRADIENT LAND-DISTURBING ACTIVITIES.

3. SERVED CONTROL LOCK SHALL CONSIST OF STRAW, COMPOUT, EXCESSION ON COCURACT FIRST, AND SHALL BE FREE OF ANY NOXIGUS WEED SEEDS ON CONTROL WILLIAMS 1895.
HOLES AND CANDIDA WEE

4. SERIVENT CONTROL LOGS MAY BE USED AS SMALL CHECK DAYS IN CITCHES AND SWALES HOWEVER, THEY SHOULD NOT DE USED IN PERENMAL STREAMS

5. IT IS RECONVENIDED THAT SESIVENT CONTROL LOCS BE TRENCHED INTO THE GROUND TO A DEPTH OF APPROXIMATELY X OF THE DAWLERS OF THE LOC. IF TRENCHING TO THE ODDITH IS NOT TRENSILE AND/OR CESTINALE, (SHORT TIEN INSTALLATION WITH DESHE NOT TO DAVAGE LANDSCARE) A LESSER TRENCHING DEPTH MAY BE ACCEPTABLE WITH MORE ROBUST STARMO, COMPOST LOSS THAT ARE B INSPITED ON TIMED TO BE TRENCHING.

7. FOLLOW MANUFACTURERS' GUIDANCE FOR STAMING, IF MANUFACTURERS' INSTRUCTIONS DO NOT SPECIFY SPACING, STAKES SHALL BE IT-LADD ON A' CENTERS AND EMBEDGED A WINNAULO FG 'NITO THE GROUND, 3' OF THE STAKE SHALL PROTINGLE FROM THE TOP OF THE LOG, STAKES THAT AKE ENOKEN PRIOR TO INSTALLATION SHALL BE REPLACED. COMPOST LOGS SHAKUD BE STAKED 10' ON CENTER.

SECURENT CONTROL LOG WARRENCHE NOTES

BOFECT RIVING EACH WORDOW, AND WARRANT THEN IN EFFECTIVE CHERATING CONDITION
WARRENINGE OF BURNS ABOULD BE PROACTIVE, BOT REACTIVE, BUFFCET BURNS AS DOOR AS
POSSIBLE, MAN JAMANS RIPINS AS HOUSED FLORING A STORM THAT CAUSES SURFACE
BROSCILE, AND PERFORM RECESSARY WARRENINGE.

2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMP3 IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE OCCUMENTED THOROUGHLY.

3. WHERE BMP# HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED BEONI DISCOVERY OF THE FAILURE.

4, SELIVENT ACCUMULATED UPSTREAM OF SETIMENT CONTROL LOG SHALL BE REMOVED AS NEEDED TO MAINTAIN FUNCTIONALITY OF THE BUY, TYPICALITY WHEN DEPTH OF ACCUMULATED SEDIMENTS SET APPROCRAFILEY & OF THE HIGHT OF THE SERIMENT CONTROL LOG.

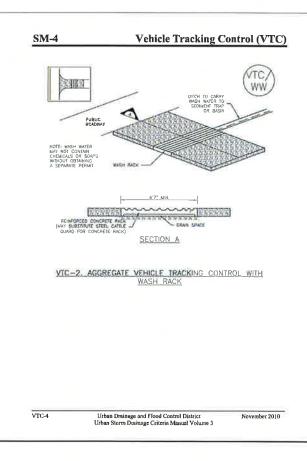
5. SECIMENT CONTROL LOG SHALL DE REMOVED AT THE END OF CONSTRUCTION COUPOST. FROM COMPOST LOGS MAY BE LEFT IN FLACE AS LOVE AS BAGS ARE REMOVED AND THE AREA SEEDS. OF ISSTRUCTION SEAS ENSIT ATTER REMOVAL, THEY SHALL BE CONCERD WITH TOP SOLL SEDUED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JUNESDICTON.

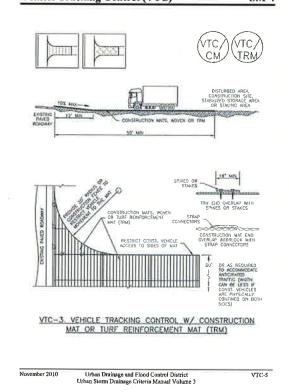
(DETAILS ASASTED FROM 10MN OF PARKER COLLORADD, LETTERSON COUNTY COLORADO COUCLAS COUNTY, COLORADO AND CITY OF AUROPIA COLORADO, NOT AVAILABLE IN AUTOCRA)

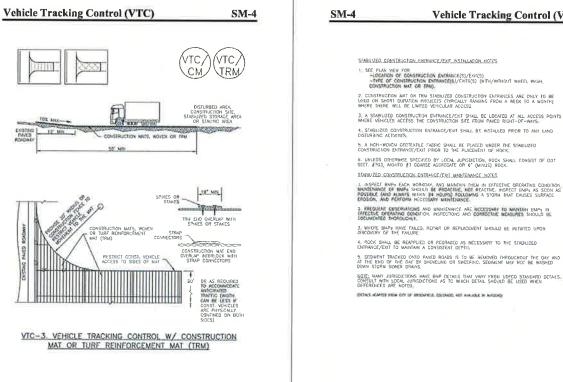
ACTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM LIDEOS STANDARD DETAILS COASULT WITH DOZI, LIRISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN WHEREPRIES ARE NOTED.

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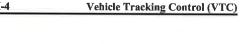
Vehicle Tracking Control (VTC) SM-4 VTC BESSES 50 FOOT DAYS SECTION A VTC-1. AGGREGATE VEHICLE TRACKING CONTROL November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 VTC-3







VTC-6



2 (ALCULA) COSTANTICA, AND MAINTENANCE ARE ACCESSANT TO MARTIN BMP9 IN EFFECTAL CEDIATING CONSTION, INSPECTIONS AND CONSTITUTE MEASURES SHOULD BE

5. SECHIERT TRACKED ONTO PAYED ROADS IS TO BE REMOVED THROUGHOUT THE GAY AND AT THE END OF THE DAY BY SHOVEUNG OR SWEEPING, SECHMENT MAY NOT BE WASHED DOWN STORM SEMEN DRAWS.

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

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DETAILS 3

DWG NAME: 355.001.02 CVR.dwg

DESIGNED BY: RJJ DATE: 02/13/24 AWN BY: RJJ SCALE; AS NOTED

_AS NOTED

IOB NO : 355 001 02

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COYLE-VANEGMOND LOT LINE ADJUSTMENT ROSE, FREMONT COUNTY, CO

PENROSE,

DEVELOPMENT PLAN

COMMERCIAL

7 LOT

REVISIONS DESCRIPTION PLANNING REVIEW

C8.2

) 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.

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4. AT LEAST TWO CURB SOCKS IN SERIES ARE REQUIRED UPSTREAM OF ON -CRADE INLETS.

Inlet Protection (IP) SC-6 IP IP-3. ROCK SOCK SUMP/AREA INLET PROTECTION BOOK SOCK SUMP/APEA BUET PROTECTION INSTALLATION NOTES.

1. SEE POCK SOCK DESKIN DETAIL FOR INSTALLATION REQUIREMENTS.

2. STRAW WATTLES/SEDIMENT CONTROL LOCS MAY BE USED IN PLACE OF ROCK SOCKS FOR INLETS IN FERMOUS AREAS. INSTALL PER SEDIMENT CONTROL LOG DETAIL.

SILT FENCE (SEE SILT FENCE DESIGN DETAIL)

IP-4. SILT FENCE FOR SUMP INLET PROTECTION

SILT FENCE MILET PROTECTION METALATION 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.

1. SIRAW WAITLES/SEDIMENT CONTROL LOGS MAY BE USED IN PLACE OF SILT FENCE FOR INLETS IN PERMOUS AREAS. INSTALL PER SEDIMENT CONTROL LOG DETAIL

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SC-6

IP IP-5. OVEREXCAVATION INLET PROTECTION OVEREXCEVADOR PRET PROTECTION INSTRUATION 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 CONTRIBUTIONS DRAMAGE AFFA. 2. WHEN USING FOR CONCENTRATED FLOWS, SHAPE BASIN IN 2:1 RATIO WITH LENGTH ORIENTED TOWARDS DIRECTION OF FLOW. 3. SEDIMENT MUST BE PERIODICALLY REMOVED FROM THE OVEREXCAVATED AREA

1 IP-6. STRAW BALE FOR SUMP INLET PROTECTION

STRAW BALE BARRIER WLET PROTECTION INSTALLATION NOTES I. 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,

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August 2013

Inlet Protection (IP)

Inlet Protection (IP)

August 2013

SC-6

Inlet Protection (IP)

SC-6

CENERAL MEET PROTECTION INSTALLATION NOTES

1_ SEE PLAN VIEW FOR:
-LOCATION OF INLET PROTECTION
-TYPE OF INLET PROTECTION (IP.1, IP.2, IP.3, IP.4, IP.5, IP.6)

2. INLET PROTECTION SHALL BE INSTALLED PROMPTLY AFTER INLET CONSTRUCTION OR PANHO IS COMPLETE (THOCALLY MITHIN 48 HOURS), IF A RAINFALL/RUNOFF EVENT IS FORECAST, INSTALL INLET PROTECTION PRIOR TO ONSET OF EVENT.

3. MANY JUNEDICTIONS HAVE BUP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS, CONDUCT WITH LOCAL JUNEDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DEFENCES AME MORED.

NEET PROTECTION MAINTENANCE MOTES

FREQUENT OF CHARLON AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPS IN EFFECTIVE OF CALLING CONTION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED TRAPPOLICIAL.

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

4. SEDMENT ACCUMULATED UPSTREAM OF INLET PROTECTION SHALL BE REMOVED AS NECESSARY TO MAINTAIN BUP EFFECTIVENESS, TYPICALLY WHEN STORAGE VOLUME REACHES 50% OF CAPACITY, A DEPTH OF 6" WHEN SILT FENCE IS USED, OR % OF THE HEIGHT FOI STRAW BALES.

5. MILET PROTECTION IS TO ROMAN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABLED. UNICES THE LOCAL JURISDICTION APPROVES FARLIER REMOVAL OF MILET PROTECTS.

WMEN INLET PROTECTION AT ANTA BILETS IS REMOVED, THE DISTURBED AREA SHALL BE CONFERD WITH TOP SON, SETEND AND MULCHED, OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCK ARRESOCIES.

KOIE: MANY JURISDICTIONS HAVE THIP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DETAILS ARE NOTICE.

NOTE, SOME NUMERIALITIES EXECUTAGE OR PROHIBIT THE USE OF STRAW BALES FOR INLET PROTECTION, CHECK WITH LOCAL JURISDICTION TO DETERMINE IF STRAW BALE INLET PROTECTION IS ACCUSEDED.

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LINE PLAN 8 2 COYLE-VANEGMOND LOT LI ADJUSTMENT IROSE, FREMONT COUNTY, C COMMERCIAL DEVELOPMENT PENROSE, 7 LOT

DESCRIPTION
PLANNING REVIEW DATE

SIGNED BY: N33 DATE: 02/13/24 PRAWN BY: P.J. SCALE: AS NOTED
HECKED BY: JAB AS NOTED OB NO.: _355.001.1 WG NAME: 355,001.02 CVR.dwg

DETAILS 4

C8.3

CIP DACKFILL UPSTREAM CULVERT INLET PROTECTION SECTION A PLAN LIO. MA SECTION E CIP-1. CULVERT INLET PROTECTION CULVERY HILET PROTECTION INSTALLATION HOSES 1. SEE PLAN VIEW FOR -LOCATION OF CULVERT INLET PROTECTION. 2. SEE ROCK SOCK DESIGN DETAIL FOR ROCK GRADATION REQUIREMENTS AND JOINTING DETAIL. CULVEST INLET PROTECTION WANTENANCE NOTES INSPECT BMPN EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION, MAINTENANCE OF BHIPN SHOULD BE PROACTIVE, NOT REACTIVE, WISPECT BHIPN AS SOON AS POSSIBLE (AND AUXIS WITHIN 24 HOURS) FOLLOWING A STORM THAT CRUSES SURFACE EROSSON, AND POPPORM METERSARY MAINTENANCE. 2. FREDUENT COSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN EMPS IN EFFECTIVE CHEMINAL CONDITION. INSPECTIONS AND COMMECTIVE MEASURES SHOULD BE 3. WHERE BAIPS HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE. 4. SEDIMENT ACCUMULATED UPSTREAM OF THE CULVERT SMALL BE REMOVED WHEN THE SEDIMENT DEPTH IS IS THE HEICHT OF THE ROCK SOCK. 5. CULVERT INLET PROTECTION SHALL REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABILIZED AND APPROVED BY THE LOCAL JURISDICTION. (DETAILS ADAPTED FROM AURORA, COLOPADO, NOT CARLARSE IN AUTOCAD) MOTE MANY JURISDICTION HAVE BMP DETAILS THAT VARY FROM UDGED STANDARD DETAILS CONSULT WITH 1004 THEORY OF THE STANDARD DETAILS SHOULD BE USED WHEN

IP-4

August 2013

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IP-7