	MATAD	OR L	EAT
<u>SIT</u>	E CONTROL		
CEN	ITER OF FACILITIES	Lat 32°32'36"	Long 104°07'17"
CEN	ITER OF RECYCLING CONTAINMENT	Lat 32°32'36"	Long 104°07'17"
CEN	ITER OF CONSTRUCTION±	Lat 32°32'36"	Long 104°07'17"
SEC EDD	TION 30, TOWNSHIP 20 SOUTH, RANGE 29 Y COUNTY, NEW MEXICO	9 EAST, NEW MEXICO P	RINCIPAL MERIDIAN,
	(491) AZTEC (64) SHIPROCK FARMINGTON BLOOMFIELD (491) (371) (550) SAN JUAN (57) PUEBLO BONITO	DULCE CHAMA CHAMA CHAMA CAS TRES PIEDRAS CIERA CHAMA CAS CHAMA CAS CHAMA CAS CHAMA CAS CAS CHAMA CAS CAS CAS CAS CAS CAS CAS CA	AOS COLFAX RATON 456 BBT EAGLE 25 WEST 64 SPRINGER 56 ABBOT 56 MORA 33 WAGON 450





HERNECK RECYCLING CONTAINMENT CONSTRUCTION PLANS



EDDY COUNTY, NEW MEXICO FEBRUARY 2019

PROJECT DESCRIPTION: RECYCLING CONTAINMENT





SHEET NUMBER

G100

G101

C101

C102

C103

C104

C105

C106

C107

C108

C109

C110

C111

SHEET INDEX

SHEET TITLE

CC

COVER GENERAL NOTES AND LEGEND SITE MAP SITE GRADING AND DRAINAGE PLAN SITE PROFILE AND DRIVEWAY PROFILES SITE CROSS SECTIONS HORIZONTAL CONTROL PLAN LINER, BALLAST AND GEONET VENTILATION LAYOUT RECYCLING CONTAINMENT LINER AND BALLAST TUBE DETAILS LEAK DETECTION SYSTEM, VENTING, AND ROAD DETAILS FENCE DETAILS EROSION AND SEDIMENTATION CONTROL PLAN EROSION AND SEDIMENTATION CONTROL DETAILS

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION ON BEHALF OF SOUDER, MILLER & ASSOCIATES.

1.	GENERAL NOTES: SIGNED AND SEALED CONSTRUCTION DRAWINGS ARE PREPARED BASED ON EXISTING SITE CONDITIONS AND REGULATIONS PER THE SEAL DATE ON THE PLANS. DUE TO POSSIBLE CHANGES TO THE SITE, CODES, REGULATIONS, UNDERGROUND UTILITIES, ETC. BETWEEN THE SE DATE ON THE PLANS AND DATE OF CONSTRUCTION COMMENCEMENT, THE DESIGN AND RECOMMENDATIONS PROVIDED ARE LIMITED TO T SEALED DATE ON THE PLANS. IF CHANGES TO ANY SITE CONDITIONS AND/OR REGULATIONS OCCUR BEFORE THE PROJECT CONSTRUCTIO DATE, THE OWNER SHALL NOTIFY ENGINEER OF SUCH CHANGES AND OBTAIN THE ENGINEER'S OPINION AS TO THE COMPLETENESS OF TH PLANS AND SPECIFICATIONS. ANY SUCH CHANGE IN FIELD CONDITIONS AND/OR REGULATIONS MAY REQUIRE ADDITIONAL DESIGN SERVICE AND COMMENSURATE FEE INCREASE TO ACCOMMODATE SUCH CHANGES.
2.	CLARIFICATIONS AND/OR REQUESTS REGARDING PROJECT INTENT AND MODIFICATIONS SHALL BE SUBMITTED TO THE ENGINEER PRIOR O DURING CONSTRUCTION IN A FORMAL WRITTEN REQUEST FOR INFORMATION (RFI). THE ENGINEER SHALL NOT BE HELD LIABLE IF RECOMMENDATION(S) ARE ALTERED BY OTHERS.
3.	SITE CONDITIONS, EACH SUBCONTRACTOR DOING WORK ON THE PROJECT SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR TH SAFETY OF ALL PERSONS AND PROPERTY WITHIN THEIR WORK AREAS, DAY AND NIGHT, DURING BOTH WORKING AND NONWORKING HOUF AND, SHALL PROVIDE ALL BARRICADES, SHORING, FLAG MEN, SIGNS, LIGHTING AND OTHER DEVICES REQUIRED THEREOF.
4.	THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR AND/OR REPLACEMENT OF ANY DAMAGE DETERMINED TO BE CAUSED BY THE CONSTRUCTION OF THIS PROJECT TO ROADS, FENCES, DRAINAGES, DRAINAGE STRUCTURES, UTILITIES, INCLUDING CONDUIT, WIRING, EQUIPMENT, AND FIBER-OPTICS. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ALL DESTROYED OR DAMAGED SURFACE IMPROVEM WITH IMPROVEMENTS EQUAL TO THOSE REMOVED.
5.	STOCKPILING OF TOP SOIL: CONTRACTOR SHALL SEGREGATE AND STOCKPILE ALL TOPSOIL OUTSIDE OF THE CONSTRUCTION AREA WITH APPROPRIATE SEDIMENT CONTROL. TOP SOIL SHALL BE REDISTRIBUTED ON THE OUTSIDE OF CONSTRUCTED BERMS, AND EITHER SEEDE MULCHED OR PROTECTED WITH EROSION CONTROL BLANKETS. REFER TO CONSTRUCTION PLANS SHEET C111 FOR DETAILS.
6.	ALL EXISTING TRAFFIC SIGNS, MILEPOST MARKERS AND DELINEATORS WITHIN CONSTRUCTION LIMITS SHALL BE REMOVED OR OFFSET BY CONTRACTOR AS DIRECTED BY THE OWNER'S DESIGNEE. INFORMATION SIGNS ARE TO BE OFFSET, AND ALL OTHERS ARE TO BE REMOVED THIS WORK WILL BE INCLUDED IN THE UNIT BID PRICE FOR REMOVAL OF STRUCTURES AND OBSTRUCTIONS.
7.	THE CONTRACTOR SHALL MAINTAIN REASONABLE ACCESS TO ALL ADJACENT PROPERTIES BY PROVIDING EASY RIDING CONNECTIONS TO TURNOUTS AND DRIVEWAYS AS DETERMINED ACCEPTABLE BY THE OWNER'S REPRESENTATIVE OR DESIGNEE. THIS WORK WILL BE CONSIDERED INCIDENTAL TO COMPLETION OF THE PROJECT AND NO MEASUREMENT OF PAYMENT WILL BE MADE THEREFORE.
8.	THE CONTRACTOR IS HEREBY ADVISED THAT UTILITY RELOCATION BY UTILITY COMPANIES WILL BE DONE CONCURRENTLY WITH CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE FOR UTILITY WORK IN CONJUNCTION WITH CONSTRUCTION OPERATIONS AND SHALL COORDINATE THE SCHEDULING OF WORK WITH THE RESPECTIVE UTILITY COMPANIES IN ORDER TO AVOID DELAYS DUE TO UTILITY WORK. CONTRACTOR SHALL PROVIDE FOR THESE CONTINGENCIES WHEN BIDDING THE PROJECT. NO CLAIM FOR DELAYS DUE TO UTILITY WORK BE ALLOWED.
9.	THERE IS NO CONSTRUCTION CLEAR ZONE FOR THIS PROJECT. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL OUTSIDE THE PROJECT BOUNDARIES ON THIS PROJECT. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AN SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE. CONTRACTOR TO COORDINATE WITH OWNER ON SITE STORAGE.
10.	EMERGENCY ACCESS SHALL REMAIN OPEN AT ALL TIMES.
11.	THE CONTRACTOR WILL REMOVE AND PROTECT ROAD NAME SIGNS DURING CONSTRUCTION AND REPLACE AS SOON AS POSSIBLE AFTER CONSTRUCTION. THIS WORK WILL BE CONSIDERED INCIDENTAL TO COMPLETION OF THE PROJECT AND NO MEASUREMENT OR PAYMENT V MADE THEREFORE.
12.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING AND CLEAN UP OF SPILLS ASSOCIATED WITH PROJECT CONSTRUCTION AND REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIAL SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AN CORROSIVE SUBSTANCES, AND OTHER MATERIALS WHICH MAY BE A THREAT TO PUBLIC HEALTH OR THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING PAST SPILLS ENCOUNTERED DURING CONSTRUCTION AND OF CURRENT SPILLS NOT ASSOCIATED WITH CONSTRUCTION. REPORTS SHALL BE MADE IMMEDIATELY TO THE ENVIRONMENTAL EMERGENCY SPILL REPORTING LINE AT 1-866-42 AND TO THE OWNER'S REPRESENTATIVE OR DESIGNEE. ANY UNREPORTED SPILLS IDENTIFIED AFTER CONSTRUCTION AND ASSOCIATED V PROJECT CONSTRUCTION SHALL BE CLEANED UP BY THE CONTRACTOR IN ACCORDANCE WITH THE CONTRACT. THE CONTRACTOR SHALL THE FULL COST OF CLEANUP OF SUCH UNREPORTED SPILLS.
13.	FINAL PAYMENT OF CONCRETE AND REINFORCING BARS SHALL BE BASED ON PLAN QUANTITIES. IF THE DESIGN IS REVISED DURING CONSTRUCTION OR IF A QUANTITY CHANGE IS REQUIRED DUE TO ERRORS ON THE PLANS, THE PAYMENT SHALL BE BASED ON COMPUTED QUANTITIES MEASURED TO NEAT LINES.
14.	EXISTING FENCE, SIGNS AND OTHER ITEMS OF PRIVATE PROPERTY FOUND TO BE WITHIN THE RIGHT-OF-WAY ARE TO BE REMOVED AND REPLACED AT THE EDGE OF RIGHT-OF-WAY, BY THE CONTRACTOR. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF PROJECT AND NO MEASUREMENT OF PAYMENT WILL BE MADE THEREFORE.
15.	THROUGHOUT THE LIFE OF THE PROJECT THE CONTRACTOR SHALL KEEP LOCAL OPERATORS AND LANDOWNERS INFORMED IN TIMELY FA AS DETERMINED BY THE OWNER'S REPRESENTATIVE OR DESIGNEE, OF ANY LANE CLOSURES WHICH WILL RESTRICT THE NORMAL FLOW C TRAFFIC. THERE WILL BE NO DIRECT PAYMENT FOR THIS WORK.
16.	THE CONTRACTOR SHALL MAINTAIN UP TO DATE SETS OF AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, W FIFTEEN (15) DAYS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE OWNER'S REPRESENTATIVE OR DESIGNEE THROUGHOUT TH PROJECT AND WILL BE REVIEWED BY THE OWNER'S REPRESENTATIVE OR DESIGNEE FOR ACCURACY AND COMPLETENESS AT LEAST ONC EVERY 15 DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE OR DESIGNEE PRIOR TO FINAL PAY
17.	ALL WORK IN THE VICINITY OF LIVE STREAMS, WATER IMPOUNDMENTS, WETLANDS OR IRRIGATION SUPPLIES SHALL BE AFFECTED IN SUCH MANNER AS TO MINIMIZE VEGETATION REMOVAL, SOIL DISTURBANCE AND EROSION. CROSSINGS OF LIVE STREAMS WITH HEAVY EQUIPME SHALL BE MINIMIZED, AS DETERMINED BY THE OWNER'S REPRESENTATIVE OR DESIGNEE. EQUIPMENT REFUELING, MAINTENANCE AND CE DUMPING IN THE VICINITY OF WATER COURSES IS STRICTLY PROHIBITED AND SHALL BE PERFORMED IN PROPER CONTAINMENT AREAS.
18.	TOPOGRAPHY SHOWN ON THESE PLANS IS ACCORDING TO FIELD LOCATION BY TOPOGRAPHIC, MICHAEL B. BROWN P.L.S. #18329, DATED J 2018.
19.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT. ADDITIONAL REMOVALS NOT SH ON THE PLANS WILL BE DESIGNATED BY THE OWNER'S REPRESENTATIVE OR DESIGNEE. THIS WORK WILL BE CONSIDERED AS INCLUDED I CONTRACT PRICE FOR REMOVAL OF STRUCTURES AND OBSTRUCTIONS AND THE CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENS FOR UNLISTED REMOVALS.
20.	UTILITY LOCATIONS SHOWN WITHIN THE PROJECT BOUNDARY ARE BASED UPON THE BEST AVAILABLE EVIDENCE, BUT THE POSITIONS ARE WARRANTED TO BE ACCURATE. CONTACT UTILITY PROVIDERS BEFORE STARTING ANY EXCAVATION WORK. SHOULD CONFLICTING INFORM OR INTERFERENCE PROBLEMS APPEAR IN THE CONSTRUCTION DRAWINGS THE CONTRACTOR SHALL BRING THAT INFORMATION TO THE ATTENTION OF THE ENGINEER IMMEDIATELY PRIOR TO INSTALLATION. FAILURE TO DO SO SHALL NOT BE A BASIS OF EXTRA PAYMENT TO CONTRACTOR.
21.	THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES BEFORE COMMENCING WORK AND SHALL BE RESPONSIBLE FOR COMPLYING WIND MEXICO ONE-CALL PROCEDURES. ANY DAMAGE TO EXISTING UTILITIES MUST BE IMMEDIATELY REPORTED TO THE APPROPRIATE UTILITIES OF ANY DAMAGE TO EXISTING UTILITIES MUST BE IMMEDIATELY REPORTED TO THE APPROPRIATE UTILITIES OF ANY DAMAGE TO EXISTING UTILITIES MUST BE IMMEDIATELY REPORTED TO THE APPROPRIATE UTILITIES OF ANY DAMAGE TO EXISTING UTILITIES MUST BE IMMEDIATELY REPORTED TO THE APPROPRIATE UTILITIES OF ANY DAMAGE TO EXISTING UTILITIES MUST BE IMMEDIATELY REPORTED TO THE APPROPRIATE UTILITIES OF ANY DAMAGE TO EXISTING UTILITIES MUST BE IMMEDIATELY REPORTED TO THE APPROPRIATE UTILITIES OF ANY DAMAGE TO EXIST DE DATE DATE UTILITIES OF ANY DAMAGE TO EXIST DE DATE DATE DATE DATE DATE DATE DATE
22.	NEW MEXICO 811 LOCATES SHALL BE FIELD VERIFIED BY THE CONTRACTOR THROUGH POTHOLING AND COORDINATION WITH UTILITY OWN
23.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE RESPECTIVE UTILITY COMPANIES PRIOR TO GRADING OR TRENCHING.
24.	THE CONTRACTOR SHALL REVIEW AND FOLLOW THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL ENGINEERING REPORT TITLEI "LEATHERNECK RECYCLING CONTAINMENT FACILITY GEOTECHNICAL INVESTIGATION CARLSBAD, NM, DECEMBER. 2018".
25.	THE CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS SET FORTH BY THE TECHNICAL SPECIFICATIONS LOCATED IN THE PROJECT MANUAL

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- 26. TRENCHES DEEPER THAN 5' IN DEPTH MUST BE SHORED, SLOPED, OR SHIELDED PER OSHA REGULATIONS.
- 27. EARTHWORK ESTIMATES ARE BASED ON THE GEOTECHNICAL ENGINEERING DETERMINED SOIL FACTOR OF 1.28. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE REQUIRED MATERIAL AND HAUL ASSETS TO PLACE AND REMOVE THE CORRECT VOLUMES USING LOOSE SOIL CORRECTION FACTORS. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE.
- 28. THE EARTHWORK HAUL ON THIS PROJECT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR UNCLASSIFIED EXCAVATION AND BORROW AS APPLICABLE, AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE.
- 29. THE PROJECT WILL HAVE ALTERATION, VERIFICATION, AND SUBGRADE DENSITY TESTS COMPLETED BY A GEOTECHNICAL ENGINEERING COMPANY TO VERIFY COMPACTION. PROOF ROLLING WILL BE COMPLETED ALONG THE PROJECT SUBGRADE AND ANY SOFT SPOTS WILL BE REMOVED AND RECONSTRUCTED BEFORE THE CONTRACTOR BEGINS WORK.
- 30. NOTWITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE CONTRACTOR IS RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTY. NO PERSON SHALL EXCAVATE ON LAND SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY SUCH PROPERTY FROM SETTLING, CRACKING, EROSION, SILTING, SCOUR OR OTHER DAMAGE, WHICH MIGHT RESULT FROM THE GRADING DESCRIBED ON THE PLAN.
- 31. SPECIAL CONDITION: IF ANY ARCHAEOLOGICAL RESOURCES ARE DISCOVERED ON THE SITE OF THIS GRADING OPERATION, SUCH OPERATION WILL CEASE IMMEDIATELY, AND THE CONTRACTOR WILL NOTIFY THE OWNER'S REPRESENTATIVE.
- 32. ALL PROJECT LIMITS AND CONSTRUCTION AREAS SHALL BE CLEARLY DELINEATED IN THE FIELD PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION AND/OR GRADING.
- 33. DURING ROUGH GRADING OPERATIONS AND PRIOR TO THE CONSTRUCTION OF ANY PERMANENT DRAINAGE STRUCTURES, TEMPORARY DRAINAGE CONTROL SHALL BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO CONTIGUOUS PROPERTIES.
- 34. NO OBSTRUCTION OF FLOOD PLAINS OR NATURAL WATER COURSES WILL BE PERMITTED.
- 35. ALL EXISTING DRAINAGE COURSES ON THE PROJECT SITE MUST CONTINUE TO FUNCTION DURING STORM CONDITIONS. PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS MUST BE USED TO PROTECT CONTIGUOUS PROPERTIES DURING GRADING OPERATIONS.
- 36. THE FINISHED GRADE SHALL BE SLOPED AWAY FROM ALL EXTERIOR BUILDING WALLS AND FACILITIES TO PROMOTE POSITIVE DRAINAGE AWAY FROM FOUNDATIONS.
- 37. EDDY COUNTY SHALL BE NOTIFIED 72 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT OF WAY.
- 38. RECORD DRAWINGS OR WORK COMPLETED SHALL BE SUBMITTED TO OWNER PRIOR TO FINAL ACCEPTANCE OF THE INSTALLATIONS.
- 39. IN THE EVENT A SERVICE OUTAGE IS REQUIRED, CONTRACTOR WILL NOTIFY ALL AFFECTED PARTIES 7 DAYS PRIOR TO OUTAGE OF WHEN AND HOW LONG THEY WILL BE WITHOUT SERVICE.
- 40. OWNER WILL ENSURE THAT ALL INSTALLED EROSION & SEDIMENTATION CONTROL MEASURES COMPLY WITH THEIR EXISTING ASSET STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
- 41. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.
- 42. THE CONTRACTOR SHALL COORDINATE STRUCTURAL DRAWINGS WITH OTHER DRAWINGS FOR INDIVIDUAL ITEMS. DISCREPANCIES UNCOVERED, IF ANY, SHALL BE REPORTED BEFORE PROCEEDING WITH THE WORK SO THAT PROPER ADJUSTMENT CAN BE MADE.
- 43. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND ADEQUATE SHORING FOR ALL PARTS OF THE PROJECT DURING CONSTRUCTION. ALL STRUCTURES SHOWN ON THE DRAWINGS HAVE BEEN DESIGNED FOR STABILITY UNDER FINAL CONFIGURATION.
- 44. THE OWNER WILL PROVIDE CONSTRUCTION OBSERVERS AND MATERIAL TESTERS TO OBSERVE AND TEST ALL CONTROLLED EARTHWORK. THE CONSTRUCTION OBSERVERS AND MATERIAL TESTERS SHALL PROVIDE CONTINUOUS ON-SITE OBSERVATION AND TESTING DURING CONSTRUCTION OF CONTROLLED EARTHWORK. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVERS AND MATERIAL TESTERS AT LEAST TWO WORKING DAYS IN ADVANCE OF ANY FIELD OPERATIONS OF THE CONTROLLED EARTHWORK.
- 45. CONTRACTOR SHALL COMPLY WITH ANY AND ALL CONDITIONS OF APPROVALS ISSUED BY THE REGULATORY AGENCIES AS DETERMINED BY OWNER.
- 46. ENGINEER HAS NO CONTROL OVER COST OF LABOR, MATERIALS, EQUIPMENT OR SERVICES FURNISHED BY OTHERS, COMPETITIVE BIDDING OR MARKET CONDITIONS.
- 47. OVERALL DIMENSIONS, TOPOGRAPHY ARE BASED UPON TOPOGRAPHIC SURVEY PROVIDED BY TOPOGRAPHIC ON JULY 23, 2018 AND DESIGN IS BASED UPON THIS INFORMATION. THE RELATIVE BOUNDARIES SHOWN ON THESE PLANS ARE ACCORDING TO INFORMATION PROVIDED BY MATADOR AND INFORMATION PERTAINING TO THE MONUMENTATION PLANS FOR THIS PROJECT MAY BE OBTAINED BY THE OWNER. SPECIFIC BEARINGS AND BOUNDARY CORNERS TO LOCATE THE SITE WILL BE THE SOLE RESPONSIBILITY OF MATADOR.

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P:\5-Matador MSA 2018 (5E26816)\BG11 - Leatherneck Facility\CAD\Civil\5E26816 SITE MAP.dwg, 2/4/2019 12:03:31 PM GJF



Time of Concentration (MINUTES)	2-Year, 24-Hour Flow Rate (CFS)	5-Year, 24-Hour Flow Rate (CFS)	10-Year, 24-Hour Flow Rate (CFS)	25-Year, 24-Hour Flow Rate (CFS)	50-Year, 24-Hour Flow Rate (CFS)	100-Year, 24-Hour Flow Rate (CFS)	NOTE
29.34	0.16	0.29	2.12	9.24	13.64	19.83	Historical
21.11	4.51	6.53	8.92	13.29	16.32	20.05	Post Development
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P:\5-Matador MSA_2018 (5E26816)\BG11 - Leatherneck Facility\CAD\Civil\5E26816 CROSS SECTIONS.dwg, 2/4/2019 12:03:58 PM_GJF



Point Table								
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION				
3021	561578.47	606428.53	3238.00	TANK CENTER				
3022	561454.29	606270.73	0.00	CL DRIVEWAY				
3023	561453.79	606320.73	3236.50	CL DRIVEWAY				
3024	561220.80	606268.41	3235.15	CL DRIVEWAY				
3025	561220.30	606318.41	3236.50	CL DRIVEWAY				
3026	561155.30	606317.76	0.00	RADIUS POINT				
3027	561285.30	606319.05	0.00	RADIUS POINT				
3028	561388.79	606320.08	0.00	RADIUS POINT				
3029	561518.79	606321.38	0.00	RADIUS POINT				
3030	561202.94	606555.74	3244.70	TOP OF RAMP				
3031	561227.93	606555.99	3244.70	TOP OF RAMP				
3032	561652.91	606560.23	3244.70	TOP OF BERM				
3033	561607.77	606574.78	3245.00	TOP OF BERM				
3034	561637.47	606605.07	3245.00	TOP OF BERM				
3035	561633.88	606965.06	3245.00	TOP OF BERM				
3036	561603.58	606994.76	3245.00	TOP OF BERM				
3037	561243.60	606991.17	3245.00	TOP OF BERM				
3038	561213.90	606960.87	3245.00	TOP OF BERM				
3039	561217.49	606600.89	3245.00	TOP OF BERM				
3040	561247.78	606571.19	3245.00	TOP OF BERM				
3041	561247.48	606601.19	0.00	RADIUS POINT				

Point Table								
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION				
3042	561607.47	606604.78	0.00	RADIUS POINT				
3043	561603.88	606964.76	0.00	RADIUS POINT				
3044	561243.90	606961.17	0.00	RADIUS POINT				
3045	561587.77	606624.08	3228.50	BOTTOM OF POND				
3046	561584.58	606945.06	3228.50	BOTTOM OF POND				
3047	561263.59	606941.87	3228.50	BOTTOM OF POND				
3048	561278.82	606648.30	3224.40	TOP OF SUMP				
3049	561278.97	606633.31	3224.40	TOP OF SUMP				
3050	561293.97	606633.46	3224.40	TOP OF SUMP				
3051	561293.82	606648.45	3224.40	TOP OF SUMP				
3052	561454.78	606220.74	0.00	BASELINE STA. 9+00				
3053	561444.82	607220.69	0.00	BASELINE STA. 19+00				



—× 3053

CONTROL POINT, 1/2" IRON ROD WITH CAP STAMPED "TOPOGRAPHIC" ELEVATIONS PER SURVEY "FRAC POND SITE" BY TOPOGRAPHIC, MICHAEL B. BROWN P.L.S. #18329, DATED JULY 23, 2018.







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SECTION A-A

A STONE STABILIZED PAD SHALL BE LOCATED AT PO INGRESS AND EGRESS ON A CONSTRUCTION SITE. PLACED UNDER VEHICLE TRACKING CONTROL PAD.

VEHICLE TRACKING COI N.T.S.

GENE

- 1. SHEETS C110 AND C111 EROSION A THE OWNER, AT THE OWNER'S DISC DURING CONSTRUCTION AND OPER
- 2. SEE SHEET C110 FOR SITE SPECIF
- 3. EROSION AND SEDIMENTATION COI ASSET SWPPP.
- 4. THE CONTRACTOR SHALL SET, LOC PER THE EROSION CONTROL PLAN, POLLUTION PROTECTION PLAN. (SV
- 5. EROSION CONTROL MEASURES SHA UNTIL EROSION AND SEDIMENTATION SEDIMENT IS REQUIRED PER SWPP
- 6. EROSION CONTROL DEVICES SHALL REPLACEMENT TO THE EROSION C BY THE OWNERS PERMIT TO MAINT
- 7. SWPPP SHALL BE MODIFIED TO CON USING ANY MEANS SHOWN ON THIS MEASURES.
- 8. PERMANENT BEST MANAGEMENT P IMPLEMENTED WITHIN 14 DAYS OF REQUIRED PER THE SWPPP.
- 9. THE CONTRACTOR/OWNER SHALL COMPLY WITH THE APPLICABLE PO REQUIREMENTS.
- 10. CONTRACTOR SHALL BE REQUIRED OFF-SITE TO AN APPROVED/PERMI
- 11. CONTRACTOR SHALL SPREAD STOC CUT AND FILL LOCATIONS USING OV
- 12. CONTRACTOR SHALL PLACE MULCH

PERMANENT BMPs

GS	GRASS SEEDING
MU	MULCH
RR	RIP RAP
RD	ROCK CHECK DAM
GR	GRAVEL

	_	_		_	_	
	By Chk'd	_				
	Description					
	sv # Date					
COARSE AGGREGATE: 1½"-3" ROCK ½"-3/" FILTER LAYER DINTS OF VEHICULAR GEOTEXTILE SHALL BE NTROLOT ERAL NOTES			Engineering + Environmental + Surveying Serving the Southwest & Rocky Mountains	8000 West Fourteenth Avenue	Phone (303) 239-9011 Toll-Free (877) 299-0942 Fax (303) 239-0745 www sourcermiller com	
IC APPLICATION OF EROSION CONTROL. NTROL PLAN WILL COMPLY WITH OWNER'S EXISTING SATE, AND MAINTAIN EROSION CONTROL MEASURES , AND THE OWNER'S EXISTING ASSET STORMWATER WPPP) ALL BE IMPLEMENTED AND SHALL BE KEPT IN PLACE ON POTENTIAL IS MITIGATED. REMOVAL OF SILT AND P. L BE CHECKED AFTER EVERY STORM. REPAIRS OR ONTROL MEASURES SHALL BE MADE AS REQUIRED AIN PROPER PROTECTION. NTROL EROSION AND SEDIMENT. TRANSPORT BY S PLAN OR IMPLEMENTING OTHER CONTROL PRACTICES (BMP'S) (I.E. SEEDED, MULCH) MUST BE LAST CONSTRUCTION ACTIVITY IN THE AREA, AS UPDATE OR MODIFY THIS PLAN AS NEEDED TO SULUTANT DISCHARGE ELIMINATION SYSTEM D TO HAUL EXCESS CONCRETE AND WASHOUT TIED DISPOSAL SITE. CKPILED TOPSOIL BEFORE PLACING GRASS SEED AT WNER APPROVED MIX. H IN CONJUNCTION WITH GRASS SEEDING.	MATADOR PRODUCTION COMPANY EDDY COUNTY, NEW MEXICO		LEATHERNECK RECYCLING CONTAINMENT		EROSION AND SEDIMENTATION CONTROL DETAILS	
TEMPORARY BMPs Image: The second se	THIAN	S DR D NC		2047 ALE DIS INC DE U: DN UNI	COMPLET SED FO LESS IT I	
VIC CONCRETE WASHOUT VIC VEHICLE TRACKING CONTROL	Des H	igneo DM te:	D, SIG Dra J Feb	NED AN awn TN ruary	ND DATE Checke HDM 2019	::::::::::::::::::::::::::::::::::::::
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