GENERAL NOTES

1. THE WMC 24-17 WELL PAD PROJECT CONSISTS OF APPROXIMATELY 5.19 ACRES OF DISTURBANCE WHICH WILL BE COVERED UNDER TERRA ENERGY PARTNERS' (TEP) ACTIVE COLORADO DISCHARGE PERMIT SYSTEM (CDPS)GENERAL PERMIT COR400000 FOR STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES.

2. TEP MAINTAINS A FIELD WIDE STORMWATER MANAGEMENT PLAN (SWMP) FOR THE PICEANCE BASIN ASSET TO MAINTAIN COMPLIANCE WITH ALL ACTIVE COR400000 STORMWATER PERMITS. THIS SWMP HAS BEEN PREPARED IN ACCORDANCE WITH GOOD ENGINEERING, HYDROLOGIC AND POLLUTION CONTROL PRACTICES TO MEET THE REQUIREMENTS OF THE COR400000 CONSTRUCTION STORMWATER PERMIT AND COGCC RULE 1002.f.(2). THIS FIELD WIDE SWMP WILL BE IMPLEMENTED AT THE WMC 24-17.

3. AS DEFINED IN THE CDPHE COR400000 PERMIT, GOOD ENGINEERING, HYDROLOGIC AND POLLUTION CONTROL PRACTICES: ARE METHODS, PROCEDURES, AND PRACTICES THAT: A. ARE BASED ON BASIC SCIENTIFIC FACT(S). B. REFLECT BEST INDUSTRY PRACTICES AND STANDARDS. C. ARE APPROPRIATE FOR THE CONDITIONS AND POLLUTANT SOURCES. D. PROVIDE APPROPRIATE SOLUTIONS TO MEET THE ASSOCIATED PERMIT REQUIREMENTS, INCLUDING PRACTICE BASED EFFLUENT LIMITS.

4. ALL EARTHWORK, CUTTING/FILLING, AND COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND THE PROJECT GEOTECHNICAL ENGINEER'S RECOMMENDATIONS; AND ALL EARTHWORK, SITE PREPARATION, AND QUALITY CONTROL TESTING SHALL BE DONE IN ACCORDANCE WITH RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER. TEP SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING TESTING.

5. IN THE EVENT THAT GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION ACTIVITIES, TEP SHALL PERFORM, AS NEEDED, DEWATERING MEASURES IN ACCORDANCE WITH STATE PERMIT STANDARDS AND REQUIREMENTS.

6. IN THE EVENT THAT CONTAMINATED SOIL AND/OR GROUNDWATER ARE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES, THE EARTHWORK CONTRACTOR MUST NOTIFIY TEP STAFF: ENVIRONMENTAL STAFF OF ANY CONTAMINATED SOILS ENCOUNTERED, AND TEP WILL COORDINATE WITH AN APPROPRIATE SPILL RESPONSE CONTRACTOR FOR ANY SAMPLING, WASTE MANAGEMENT, AND DISPOSAL OF CONTAMINATED MEDIA.

SEDIMENT AND EROSION CONTROL MEASURES

7. TERRA ENERGY PARTNERS (TEP) SHALL ASSUME RESPONSIBILITY FOR CONTROLLING EROSION AND SEDIMENTATION WITHIN THE PROJECT AREA DURING AND AFTER CONSTRUCTION ACTIVITIES. TEP WILL FOLLOW RULES AND REGULATIONS ESTABLISHED BY THE STATE OF COLORADO'S CONSTRUCTION STORMWATER PERMIT (COR400000), AND THE COLORADO OIL AND GAS CONSERVATION COMMISSION (COGCC). TEP'S MOST CURRENT PICEANCE BASIN STORMWATER MANAGEMENT PLAN SHALL BE IMPLEMENTED TO PROVIDE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES UNTIL THE REQUIRED NATIVE VEGETATION GROUND COVER HAS BEEN RE-ESTABLISHED PER STATE REQUIREMENTS. THE PROJECT EROSION CONTROL PLAN (SITE MAP) WILL SHOW THE LOCATION OF ALL EROSION AND SEDIMENT CONTROL MEASURES.

8. IN ADDITION TO COMPLYING WITH THE COLORADO DEPARTMENT OF PUBLIC HEALTH'S COR400000 CONSTRUCTION STORMWATER PERMIT, TEP'S CONSTRUCTION STORMWATER MANAGEMENT PROGRAM SHALL COMPLY WITH COGCC RULE 1002.f.(2) WHICH STATES "OIL AND GAS OPERATORS SHALL IMPLEMENT AND MAINTAINING BEST MANAGEMENT PRACTICES (BMPs) AT ALL OIL AND GAS LOCATIONS TO CONTROL STORMWATER RUNOFF IN A MANNER THAT MINIMIZES EROSION, TRANSPORT OF SEDIMENT OFFSITE, AND SITE DEGRADATION".

9. TEP SHALL INSPECT ALL SEDIMENT AND EROSION CONTROL MEASURES AND GENERAL SITE CONDITIONS AT LEAST ONCE EVERY 14 CALENDAR DAYS. POST-STORM EVENT INSPECTIONS WILL BE CONDUCTED WITHIN 24 HOURS AFTER THE END OF ANY PRECIPITATION OR SNOWMELT EVENT THAT CAUSES SURFACE EROSION. IF NO CONSTRUCTION ACTIVITIES WILL OCCUR FOLLOWING A STORM EVENT, POST-STORM EVENT INSPECTIONS SHALL BE CONDUCTED PRIOR TO RE-COMMENCING CONSTRUCTION ACTIVITIES, BUT NO LATER THAN 72 HOURS FOLLOWING THE STORM EVENT.

10. DURING WINTER MONTHS, THIS FACILITY WILL TYPICALLY QUALIFY FOR WINTER EXCLUSION AS DEFINED IN THE CDPHE COR400000 STORMWATER PERMIT. STORMWATER INSPECTIONS WILL RESUME WHEN THE FACILITY NO LONGER MEETS WINTER EXCLUSION REQUIREMENTS.

11. TEP SHALL STABILIZE THE WORKING SURFACE OF THE WELL PAD AS AN ALTERNATIVE TO CONSTRUCTING VEHICLE TRACKING CONTROLS SUCH AS MUD MATS, VEHICLE TRACKING PADS. THE STABILIZED WORKING SURFACE SHALL BE MAINTAINED IN ACCORDANCE WITH GOOD ENGINEERING PRACTICES AND THE DETAIL/SPECIFICATION PROVIDED IN THIS PLAN.

12. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SUCH AS DIVERSION DITCHES, WATTLES, EARTHEN BERMS, SEDIMENT TRAPS, AND OTHER MEANS SHALL BE INSTALLED TO CONTROL EROSION AND SEDIMENT PER THESE PLANS AND TERRA ENERGY PARTNERS' STORMWATER MANAGEMENT PLAN (SWMP). DIVERSION DITCHES ARE PLANNED FOR USE WHERE STORMWATER RUN-ON ENTERS THE PROJECT AREA, AND TO CONVEY STORMWATER RUNOFF FROM THE PROJECT AREA INTO SEDIMENT TRAPPING DEVICES; SEDIMENT CONTROL LOGS MAY BE USED AROUND MATERIAL STOCKPILES OR ON THE DOWNGRADIENT SIDE OF DISTURBANCES ACCORDING TO THE SPECIFICATION LIMITATIONS; SEDIMENT TRAPS ARE PLANNED FOR USE AT ALL DISCHARGE POINTS AND WILL BE SIZED ACCORING TO THE ENGINEERED SPECIFICATION PROVIDED IN THIS PLAN; AND EARTHEN BERMS WILL BE UTILIZED ON THE PAD'S WORKING SURFACE TO CONTAIN ANY POTENTIAL POLLUTANTS DURING DRILLING/COMPLETION/PRODUCTION OPERATIONS. AS THE OPERATIONS AND PHASING OF THE PROJECT CHANGES, OTHER STORMWATER CONTROLS WILL BE INSTALLED/CONSTRUCTED AS NEEDED.

13. TEP WILL CONTROL DUST AT ALL TIMES. THE USE OF A DUST PALLIATIVE, TACKIFIER, OR TEMPORARY SEEDING/MULCHING OF DISTURBED SURFACES MAY BE USED TO HELP WITH DUST CONTROL.

14. TEMPORARY STABILIZATION SHALL BE IMPLEMENTED ON ALL DISTURBED SLOPES THAT HAVE BEEN IDLE FOR 14 DAYS OR LONGER. TEP SHALL APPLY A HIGH PERMFORMACE HYDRO-MULCH WITH MANUFACTURER SPECIFICATIONS THAT MEET THE APPLICATION NEEDS. ROLLED EROSION CONTROL PRODUCTS MAY ALSO BE USED.

15. TEP WILL PERFORM ROUTINE MAINTENANCE ON ANY CONTROL MEASURE THAT IS STILL OPERATING IN ACCORDANCE WITH IT'S DESIGN AND THE REQUIREMENTS OF THE COR400000 PERMIT, BUT REQUIRES MAINTENANCE TO PREVENT A BREACH OF THE CONTROL MEASURE.

16. TEP MUST TAKE ALL NECESSARY STEPS TO MINIMIZE OR PREVENT THE DISCHARGE OF POLLUTANTS FROM THE PERMITTED AREA AND MANAGE ANY STORMWATER RUN-ON ONTO THE SITE UNTIL A CONTROL MEASURE IS IMPLEMENTED AND MADE OPERATIONAL AND/OR AN INADEQUATE CONTROL MEASURE IS REPLACED OR CORRECTED AND RETURNED TO EFFECTIVE OPERATING CONDITION. IF IT IS INFEASIBLE TO INSTALL OR REPAIR THE CONTROL MEASURE IMMEDIATELY AFTER DISCOVERING THE DEFICIENCY, THE FOLLOWING MUST BE DOCUMENTED IN THE SWMP AND KEPT ON RECORD IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS OF THE PERMIT: A. DESCRIBE WHY IT IS INFEASIBLE TO INITIATE THE INSTALLATION OR REPAIR IMMEDIATELY; AND B. PROVIDE A SCHEDULE FOR INSTALLING OR REPAIRING THE CONTROL MEASURE AND RETURNING IT TO AN EFFECTIVE OPERATING CONDITION AS SOON AS POSSIBLE.

17. EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION IS ACHIEVED OR UNTIL SITE CONDITIONS WARRANT THE USE OF DIFFERENT STORMWATER BMPS

SOIL HANDLING

18. TERRA ENERGY PARTNERS (TEP) WILL SALVAGE TOPSOIL FROM AREAS OF BOTH CUT AND FILL FOR REUSE IN REVEGETATING DISTURBED SURFACES. TOPSOIL SALVAGED FROM AN AREA SHALL BE PLACED ACCORDING TO THE TOPSOIL PROTECTION PLAN SUBMITTED IN THE COGCC FORM 2A AND BLM APD, AND CARE SHALL BE TAKEN BY EQUIPMENT OPERATORS WHEN SALVAGING, STOCKPILING, AND REPLACING TOPSOIL.

19. WHEN TOPSOIL STOCKPILE LOCATIONS ARE ESTABLISHED, THESE LOCATIONS WILL BE ADDED TO THE EROSION CONTROL PLAN/SITE MAP FOR THIS PROJECT. TOPSOIL WILL BE STOCKPILED ACCORDING TO THE TOPSOIL PROTECTION PLAN AND COGCC FORM 2A AND BLM APD. AS NEEDED, SEDIMENT AND EROSION CONTROL MEASURES WILL BE USED FOR ALL TOPSOIL STOCKPILES.

20. TEP SHALL REMOVE, STORE, AND REPLACE TOPSOIL IN A WAY THAT PREVENTS SOIL EROSION AND STORMWATER POLLUTION. TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL BMPs SUCH WAS WATTLES, EARTHEN BERMS, DIVERSION DITCHES, AND SEDIMENT TRAPS WILL BE INSTALLED AND PROPERLY MAINTAINED DURING SOIL EXCAVATION AND REPLACEMENT CONSTRUCTION PHASES.

21. TOPSOIL SHALL BE REPLACED AS SOON AS POSSIBLE TO PREVENT LEACHING OF NUTRIENTS AND LOSS OF MICRO-ORGANISMS.

22. TEP WILL CONTROL DUST FROM MATERIAL STOCKPILES AT ALL TIMES WITH THE USE OF WATER, A DUST PALLIATIVE, TACKIFIER, OR TEMPORARY SEEDING/MULCHING.

NO.	REVISIONS	BY	DATE

TERRA ENERGY PARTNERS

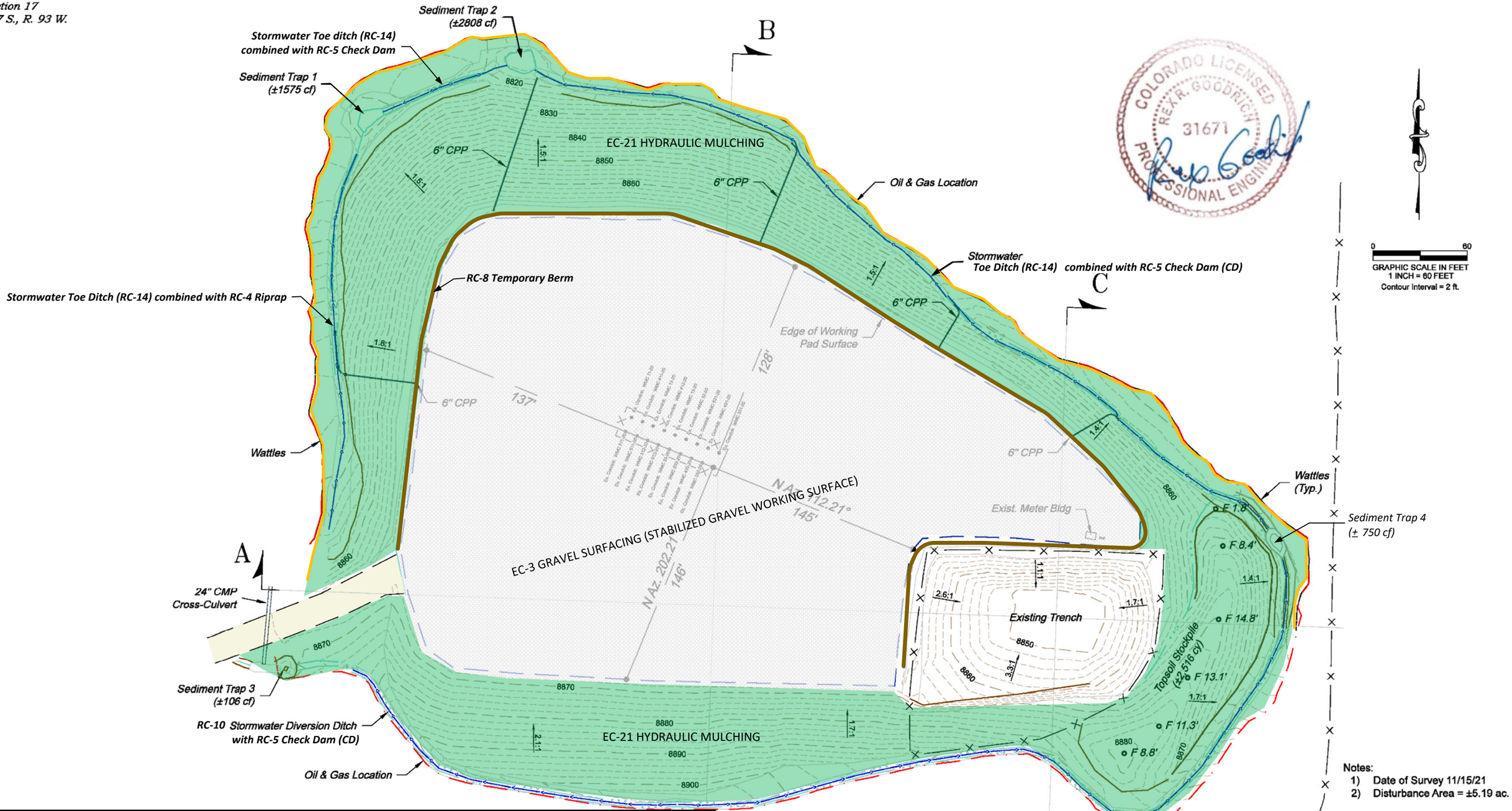
STORMWATER MANAGEMENT EC PLAN (CONSTRUCTION PHASE)

WMC 24-17 Drill Pad

SHEET REFERENCE NUMBER:

Sheet 1

Section 17
T. 7 S., R. 93 W.



COLORADO LICENSED
REX R. GOODRICH
31671
PROFESSIONAL ENGINEER

Notes:
1) Date of Survey 11/15/21
2) Disturbance Area = ±5.19 ac.

(AS SHOWN)

TOE DITCH (RC-14): INSTALLED DOWNGRADIENT OF GROUND DISTURBING ACTIVITIES AND STOCKPILES. TOE DITCHES WILL LEAD TO A TERMINAL SEDIMENT CONTROL MEASURE

SEDIMENT TRAP (SC-06): SIZED ACCORDING TO TERRA ENERGY PARTNER'S CONTROL MEASURE MANUAL, AND INSTALLED AT THE TERMINAL END OF DIVERSION AND TOE DITCHES

DIVERSION DITCH (RC-10): PERMANENT DITCHES TO BE PRESERVED OR INSTALLED ALONG THE FACILITY'S PERIMETER TO PREVENT STORMWATER RUN-ON WHICH COULD CAUSE EROSION ON SLOPES AND THE WORKING SURFACE.

WATTLE (EC-08): PLACED AT THE TOE OF SLOPES FOR SEDIMENT CONTROL AND AT THE TOE OF TOPSOIL STOCKPILES TO PREVENT TOPSOIL CONTAMINATION FROM POTENTIAL CONTACT WITH SUBSOILS

MULCHING (EC-07): WILL BE UTILIZED AS A TEMPORARY STABILIZATION PRACTICE FOR EROSION CONTROL ON TOPSOIL STOCKPILES AND AREAS OF DISTURBANCE THAT ARE PLANNED TO BE IDLE FOR LONGER THAN 14 DAYS. SPECIFIED MULCH TYPE-**FLEXTERRA HP-FGM™** OR EQUIVALENT. RE-APPLY AS NEEDED PER MANUAFACTURER SPECIFICATIONS

136 East Third Street
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BOOKCLIFF Survey Services, Inc.

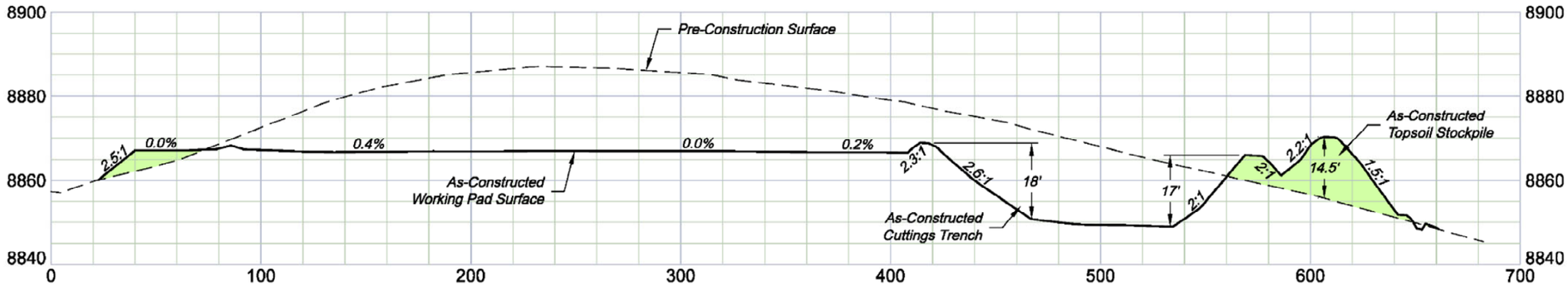
REVISED: 2/03/22

SCALE:	1" = 60'
DATE:	11/16/21
PROJECT:	TEP Valley
DFT:	cs

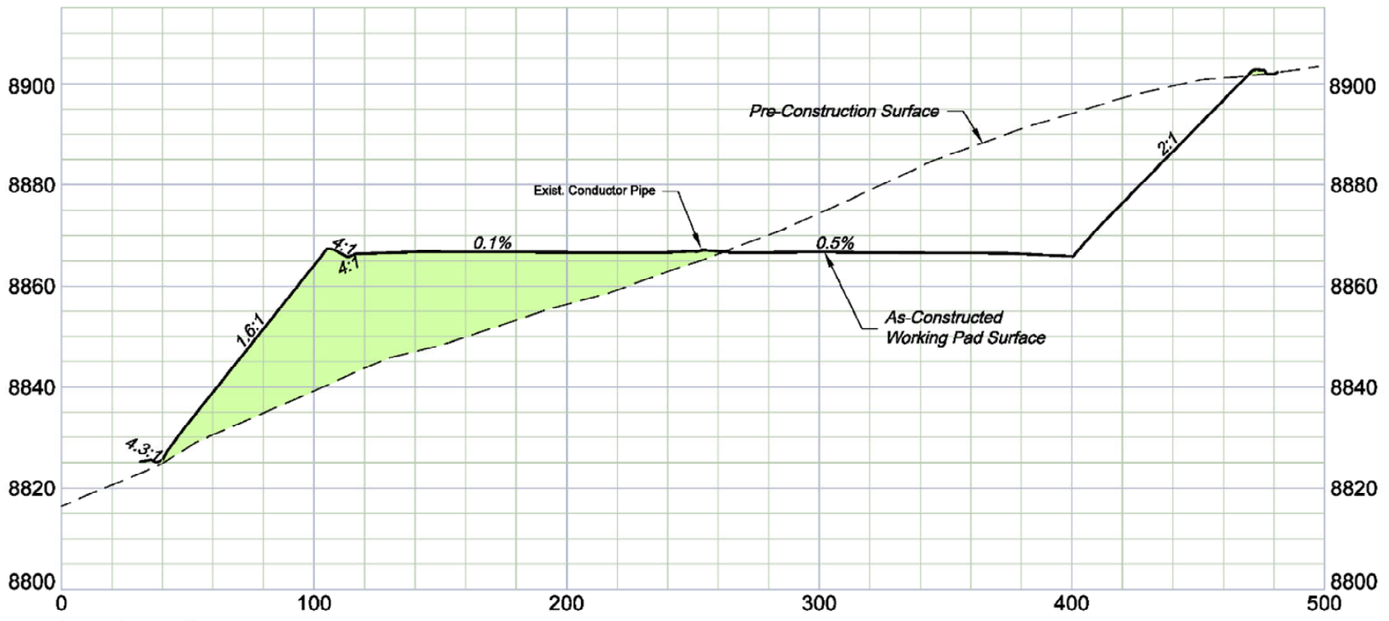
Construction Plan Prepared for:
TERRA ENERGY PARTNERS
TEP Rocky Mountain LLC

WMC 24-17 Drill Pad
As-CONSTRUCTED EXHIBIT

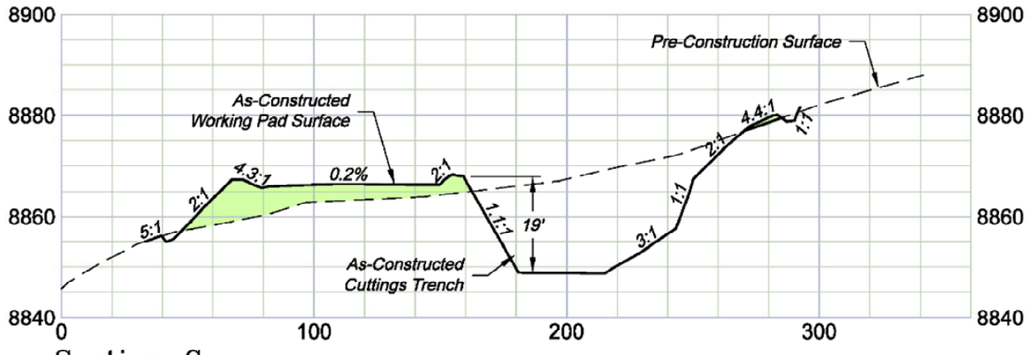
Section 17
T. 7 S., R. 93 W.



Section A



Section B



Section C

SCALE: Horiz.: 1" = 60'
Vert. : 1" = 30'

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BOOKCLIFF Survey Services, Inc.

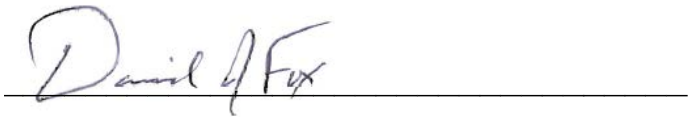
SCALE:	1" = 60'
DATE:	11/16/21
PROJECT:	TEP Valley
DFT:	cs

Construction Plan Prepared for:
TERRA ENERGY PARTNERS
TEP Rocky Mountain LLC

WMC 24-17 Drill Pad
As-CONSTRUCTED CROSS SECTIONS

Piceance Basin Storm Water Manual of Best Management Practices (BMPs)
Revision 4
June 2016

Reviewed and Edited By:



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