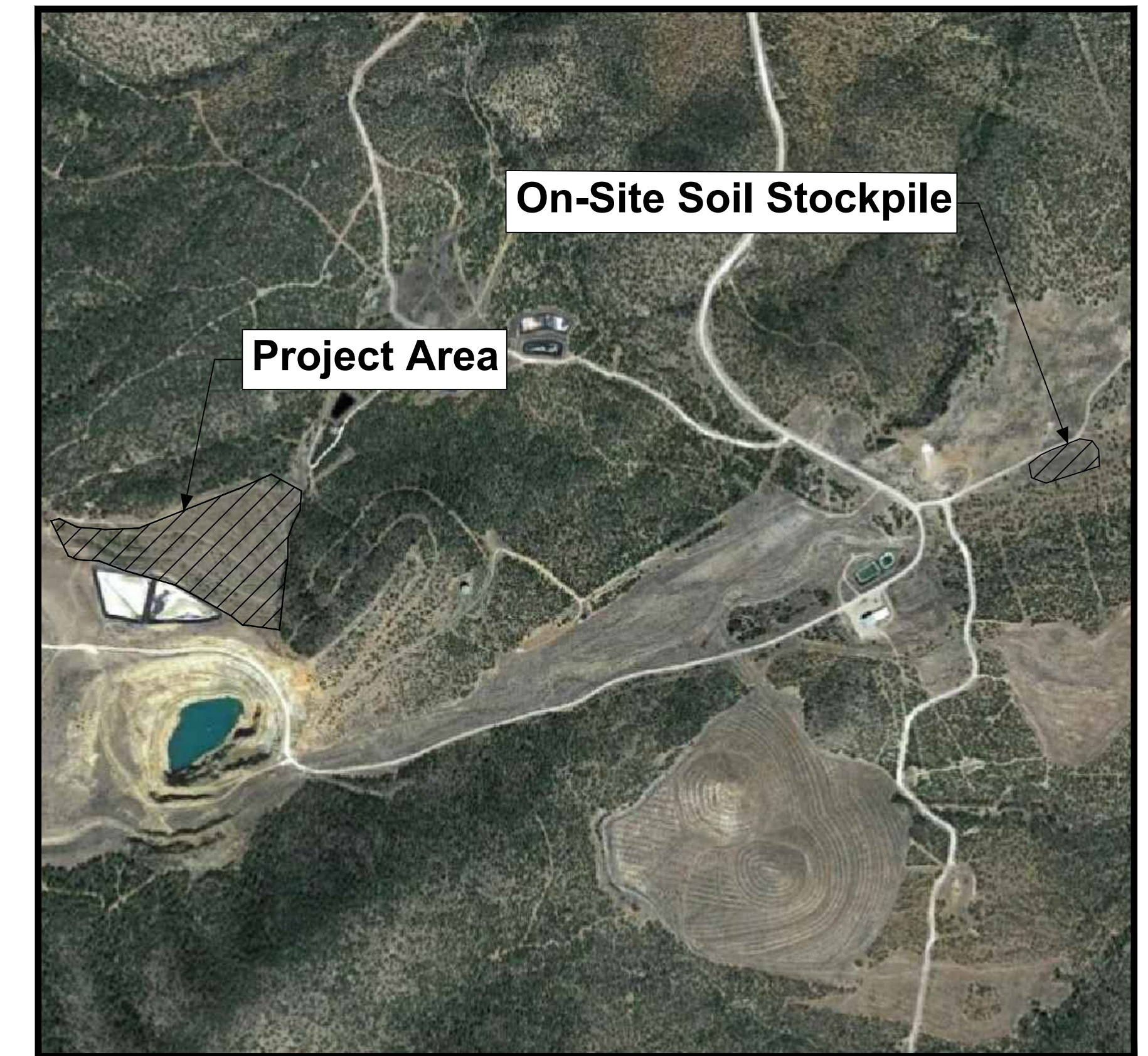


VICINITY MAP
NTS



SITE MAP
NTS

CUNNINGHAM HILL WASTE ROCK PILE IMPROVEMENTS

PREPARED FOR
LAC MINERALS (USA) LLC

INDEX OF DRAWINGS		REVISION	
GENERAL			
1	G-0	COVER SHEET AND INDEX	0
2	G-1	GENERAL NOTES AND LEGEND	0
CIVIL			
3	C-1	OVERALL SITE PLAN	0
4	C-2	CROSS SECTIONS	0
5	C-3	CIVIL DETAILS	0

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Daniel B. Stephens & Associates, Inc



CUNNINGHAM HILL
SANTA FE COUNTY, NEW MEXICO

CUNNINGHAM HILL
WASTE ROCK PILE IMPROVEMENTS
SANTA FE COUNTY, NM
COVER SHEET AND INDEX

SHEET 1 OF 5
DWG NO. G-0
JOB NO.
DB22.1087

S:\PROJECTS\DB22.1087_CUNNINGHAM_WRP\CAD\PRODUCTION\G-0 TITLE SHEET.DWG May 19, 2022 - 2:14 PM BY: SAMSON, JEFFREY

GENERAL CONSTRUCTION NOTES:

- A. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- B. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND APPROVALS OF LIKE KIND PRIOR TO START OF CONSTRUCTION.
- C. PROJECT DOCUMENTS CONSIST OF THESE DRAWINGS, PROJECT CONTRACTS, AND ANY AND ALL SUBSEQUENT EXECUTED PROJECT DOCUMENTATION ISSUED AS, OR WITH, CHANGE ORDERS, AND RFI'S (REQUEST FOR INFORMATION.) THE CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND VERIFY ALL DIMENSIONS, QUANTITIES, AND FIELD CONDITIONS. ANY CONFLICTS OR OMISSIONS WITH THE DOCUMENTS SHALL BE REPORTED TO THE ENGINEER/PROJECT MANAGER FOR CLARIFICATION PRIOR TO PERFORMANCE OF ANY WORK IN QUESTION. IN THE EVENT THE CONTRACTOR DOES NOT NOTIFY THE ENGINEER/PROJECT MANAGER, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY AND ANY AND ALL EXPENSE FOR ANY REVISIONS NECESSARY OR CORRECTONAL WORK REQUIRED.
- D. THERE ARE NO BURIED UTILITIES WITHIN THE PROJECT BOUNDARY BASED UPON INFORMATION PROVIDED TO THE ENGINEER BY OTHERS. IF EXISTING BURIED UTILITIES ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER.
- E. EXISTING FENCING THAT IS NOT DESIGNATED FOR REMOVAL SHALL NOT BE DISTURBED. ANY FENCING THAT IS DISTURBED OR ALTERED BY THE CONTRACTOR SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. IF THE CONTRACTOR DESIRES TO REMOVE FENCING TO ACCOMMODATE CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL OBTAIN THE OWNER'S WRITTEN PERMISSION BEFORE FENCE IS REMOVED. CONTRACTOR SHALL RESTORE THE FENCE TO ITS ORIGINAL CONDITION AT THE EARLIEST OPPORTUNITY TO THE SATISFACTION OF THE OWNER. WHILE ANY FENCING IS REMOVED, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SECURITY OF THE SITE UNTIL THE FENCE IS RESTORED.
- F. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL CLEAN AND PICK UP THE WORK AREA TO THE SATISFACTION OF THE ENGINEER/PROJECT MANAGER. AT NO TIME SHALL THE WORK BE LEFT IN A MANNER THAT COULD ENDANGER THE WORKERS OR THE PUBLIC.
- G. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO PROJECT PLANS, AS AMENDED AND REVISED BY THE ENGINEER. ALL INSTALLATION DETAILS ARE TYPICAL AND MAY BE CHANGED TO BETTER FIT EXISTING LOCAL CONDITIONS UPON APPROVAL BY THE ENGINEER.
- H. ONLY THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY OF ALL WORK. ALL WORK, INCLUDING WORK WITHIN TRENCHES, SHALL BE IN ACCORDANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
- I. REFERENCES MADE TO STANDARD SPECIFICATIONS AND STANDARD DRAWINGS REFER TO THE NEW MEXICO CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION (NM-APWA) STANDARDS FOR PUBLIC WORKS CONSTRUCTION.
- J. THE CONTRACTOR SHALL NOT INSTALL ITEMS AS SHOWN ON THESE PLANS WHEN IT IS OBVIOUS THAT FIELD CONDITIONS ARE DIFFERENT THAN SHOWN IN THE PLANS. SUCH CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN A TIMELY MANNER. IN THE EVENT THE CONTRACTOR DOES NOT NOTIFY THE ENGINEER IN A TIMELY MANNER, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY AND EXPENSE FOR ANY REVISIONS NECESSARY, INCLUDING ENGINEERING DESIGN FEES.
- K. EXISTING SITE IMPROVEMENTS WHICH ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. REPAIRS SHALL BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION OF THE REPAIRS. REPAIRS SHALL BE ACCEPTED BY THE OWNER PRIOR TO FINAL PAYMENT.
- L. CONTRACTOR TO COMPLETE PROCTORS ON NATIVE MATERIAL, AS DIRECTED BY THESE DRAWINGS OR THE ENGINEER.

SURVEY MONUMENTS, PROPERTY CORNERS, BENCHMARKS

- M. THE CONTRACTOR SHALL NOTIFY THE OWNER AT LEAST SEVEN (7) DAYS BEFORE BEGINNING ANY CONSTRUCTION ACTIVITY THAT COULD DAMAGE OR DISPLACE SURVEY MONUMENTS, PROPERTY CORNERS, OR PROJECT BENCHMARKS SO THESE ITEMS MAY BE RELOCATED.
- N. ANY SURVEY MONUMENTS, PROPERTY CORNERS, OR BENCHMARKS THAT ARE NOT IDENTIFIED FOR RELOCATION ARE THE RESPONSIBILITY OF THE CONTRACTOR TO PRESERVE AND PROTECT. RELOCATION OR REPLACEMENT OF THESE ITEMS SHALL BE DONE BY THE OWNER'S SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.

DESIGN SURVEY

- O. SURVEY PROJECT CONTROL WAS REFERRED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM (NAD 27-CENTRAL ZONE) AND NGVD 29 VERTICAL DATUM.
- P. THIS DESIGN IS BASED ON SURVEY INFORMATION PROVIDED BY OTHERS. THE ENGINEER CANNOT VALIDATE OR WARRANTY THIS INFORMATION. ANY DISCREPANCIES BETWEEN THE DESIGN AND SITE SURFACE CONDITIONS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY.

CONSTRUCTION LIMITS

- Q. SHALL BE AS SHOWN ON PLANS.
- R. THE CONTRACTOR SHALL MAINTAIN A RECORD DRAWING SET OF PLANS AND PROMPTLY

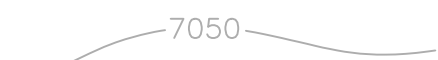




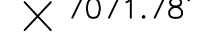
LOCATE ALL UTILITIES, EXISTING OR NEW, IN THEIR CORRECT LOCATION, HORIZONTAL AND VERTICAL. THIS RECORD SET OF DRAWINGS SHALL BE MAINTAINED ON THE PROJECT SITE AND SHALL BE AVAILABLE TO THE OWNER AND ENGINEER AT ANY TIME DURING CONSTRUCTION. RECORD INFORMATION SHALL INCLUDE HORIZONTAL AND VERTICAL COORDINATE CALLOUTS, LINE SIZES, LINE TYPES, BURIAL DEPTHS, AND ALL OTHER PERTINENT INSTALLATION INFORMATION. IN ADDITION ALL ITEMS THAT ARE INSTALLED EXACTLY AS DESIGNED SHALL BE NOTED AS SUCH.

EROSION CONTROL, ENVIRONMENTAL PROTECTION, AND STORM WATER POLLUTION PREVENTION PLAN

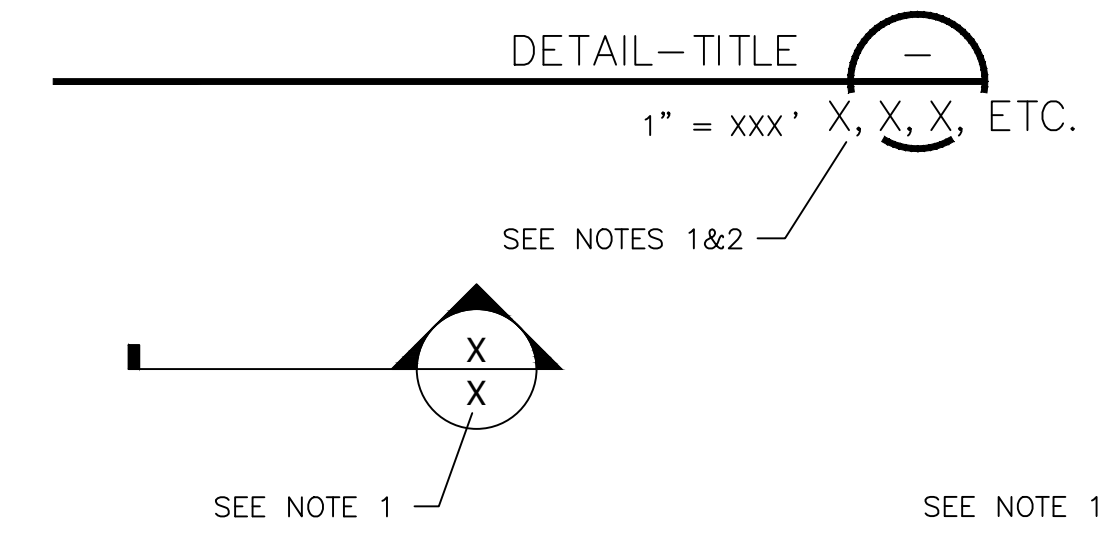
- S. THE CONTRACTOR SHALL CONFORM TO ALL SANTA FE COUNTY, STATE OF NEW MEXICO, AND FEDERAL DUST AND EROSION CONTROL REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY DUST CONTROL OR EROSION CONTROL PERMITS FROM THE APPROPRIATE REGULATORY AGENCIES.
- T. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY BY CONSTRUCTION OF TEMPORARY EROSION CONTROL BERMS OR INSTALLING SILT FENCES AT THE PROPERTY LINES (OR LIMITS OF CONSTRUCTION WHERE DESIGNATED) AND WETTING SOIL TO PREVENT IT FROM BLOWING.
- U. WATERING, AS REQUIRED FOR CONSTRUCTION DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT SHALL BE MADE. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST CONTROL IN COMPLIANCE WITH COUNTY AND STATE ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER, FOR AVAILABILITY AND USE OF WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING ALL EQUIPMENT AND MATERIALS NECESSARY FOR TRANSPORTATION AND USE OF WATER.
- V. ALL WASTE PRODUCTS FROM THE CONSTRUCTION SITE, INCLUDING ITEMS DESIGNED FOR REMOVAL, CONSTRUCTION WASTE, CONSTRUCTION EQUIPMENT WASTE PRODUCTS (OIL, GAS, TIRES, ETC.), GARBAGE, GRUBBING, EXCESS CUT MATERIAL, VEGETATIVE DEBRIS, ETC. SHALL BE APPROPRIATELY DISPOSED OF OFFSITE UNLESS OTHERWISE DIRECTED BY THE ENGINEER/PROJECT MANAGER AT NO ADDITIONAL COST TO THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY PERMITS REQUIRED FOR HAUL OR DISPOSAL OF WASTE PRODUCTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE WASTE DISPOSAL SITE COMPLIES WITH APPROPRIATE REGULATIONS REGARDING THE ENVIRONMENT, ENDANGERED SPECIES, AND ARCHAEOLOGICAL RESOURCES.
- W. THE CONTRACTOR SHALL REPORT AND CLEAN UP HAZARDOUS MATERIALS SPILLS IN ACCORDANCE WITH THE GOVERNING LAC MINERALS, INC. SPILL PREVENTION PLAN.
- X. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING SURFACE AND UNDERGROUND WATER. CONTACT WITH SURFACE WATER BY CONSTRUCTION EQUIPMENT AND PERSONNEL SHALL BE MINIMIZED. EQUIPMENT MAINTENANCE AND REFUELING OPERATIONS SHALL BE PERFORMED IN AN ENVIRONMENTALLY SAFE MANNER IN COMPLIANCE WITH COUNTY, STATE, AND EPA REGULATIONS.
- Y. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING CONSTRUCTION NOISE AND HOURS OF OPERATION AS IMPOSED BY THE OWNER OR COUNTY AUTHORITIES.

MISCELLANEOUS SYMBOLS:

NOTE: SYMBOLS ARE NOT SHOWN TO SCALE ON PLAN OR PROFILE DRAWINGS, AND INDICATE APPROXIMATE LOCATION ONLY.

-  EXISTING MAJOR CONTOUR LINE AND ELEVATION DESIGNATION
-  EXISTING MINOR CONTOUR LINE AND ELEVATION DESIGNATION
-  EXISTING WIRE FENCE
-  UNIMPROVED DIRT ROAD OR GRAVELED ROADWAY
-  SURVEY MONUMENT (PREVIOUS PROJECT)
-  SPOT ELEVATION

LEGEND:



NOTES:

- 1. IF SECTION, DETAIL, SCHEMATIC, OR DIAGRAM IS DRAWN ON THE SAME SHEET THAT IT IS TAKEN FROM, THE SHEET NUMBER SHALL BE REPLACED WITH A HYPHEN.
- 2. IF THE SECTION, DETAIL, SCHEMATIC, OR DIAGRAM IS REFERENCED ON MULTIPLE SHEETS, ALL SHEETS SHOULD BE LISTED TO THE OUTSIDE RIGHT OF THE DETAIL-TITLE BUBBLE, AND SEPARATED WITH A COMMA.

ABBREVIATIONS:

AMSL	ABOVE MEAN SEA LEVEL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
BGS	BENEATH GROUND SURFACE
DIA	DIAMETER
DR	DIMENSION RATIO
EW	EACH WAY
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT ELEVATION
LB	POUNDS
MIN	MINIMUM
NTS	NOT TO SCALE
PSI	POUNDS PER SQUARE INCH
SCH	SCHEDULE
SDR	STANDARD DIMENSION RATIO
STA	STATION
STD	STANDARD
TP	TOP OF PIPE
TPL	TEST PIT LOCATION
TYP	TYPICAL
WL	WATER LINE
H	HORIZONTAL
V	VERTICAL
VPI	VERTICAL POINT OF INFLECTION

S:\PROJECTS\DB22.1087_CUNNINGHAM Hill\CAD\PRODUCTION\G-0 TITLE SHEET.DWG May 19, 2022 - 2:14 PM BY: SAMSON, JEFFREY

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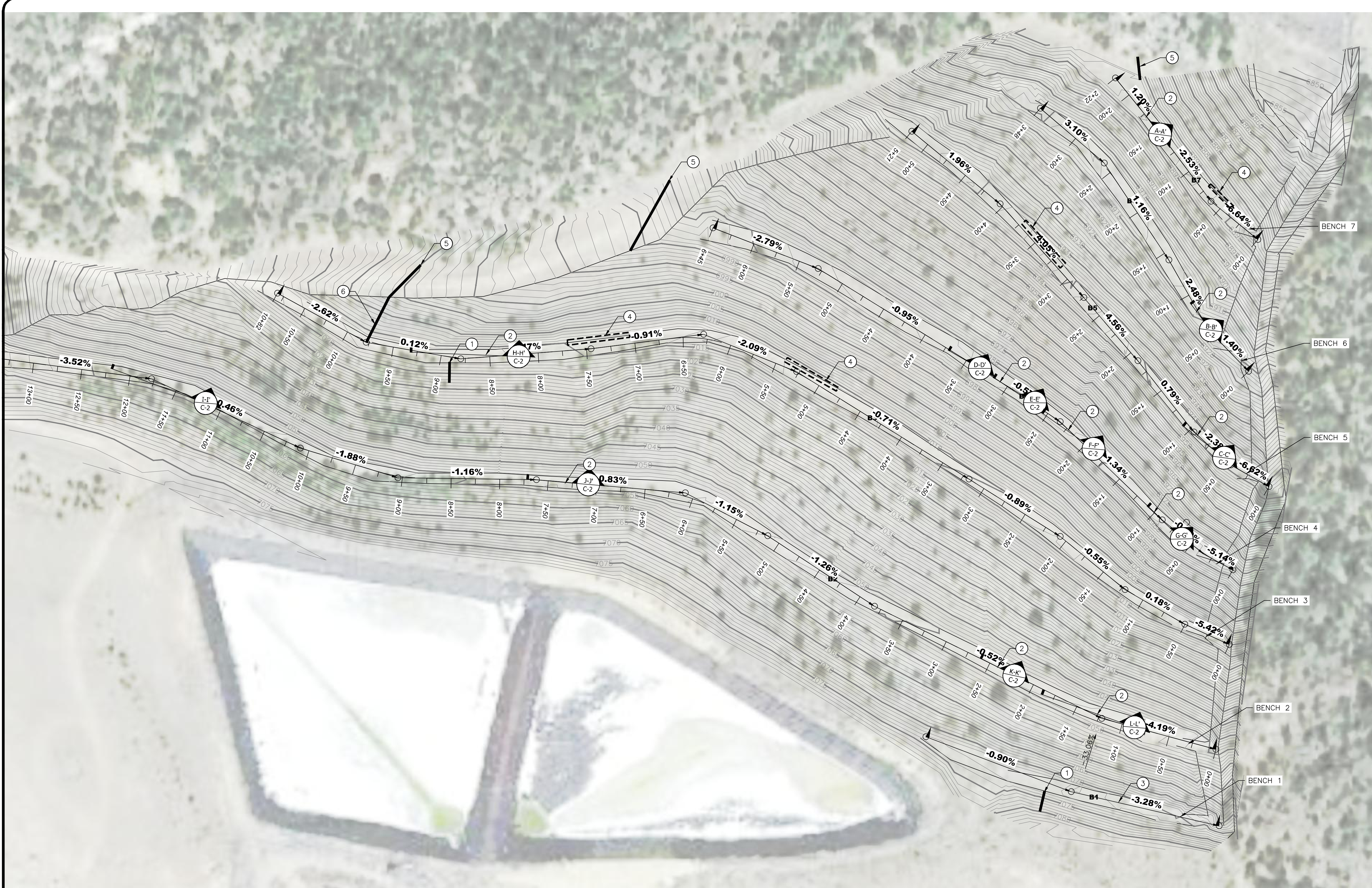
CUNNINGHAM HILL
SANTA FE COUNTY, NEW MEXICO

CUNNINGHAM HILL
WASTE ROCK PILE IMPROVEMENTS
SANTA FE COUNTY, NM

GENERAL NOTES & LEGEND

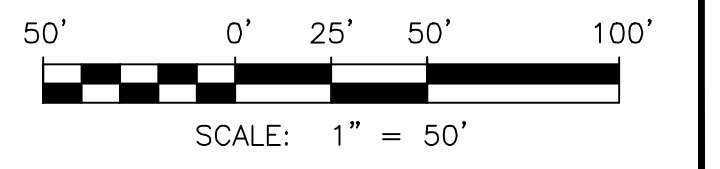
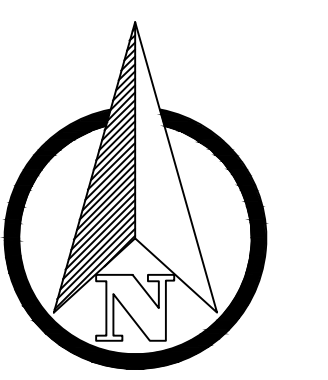
SHEET 2 OF 5
DWG NO. G-1

JOB NO.
DB22.1087



- GENERAL NOTES:**
1. REPAIR RILLS BY PLACING SOIL AROUND EXISTING VEGETATION AND COMPACTING TO 90% OF THE STANDARD PROCTOR (ASTM D698).
 2. GRADING OF 15-FOOT WIDE BENCHES SHALL BE COMPLETED BY COMPACTING SOIL TO 85% OF THE STANDARD PROCTOR (ASTM D698).
 3. SOIL TO BE FREE OF ORGANIC MATERIAL GREATER THAN 3/4".
 4. A GRAVEL ADMIXTURE COMPOSED OF 3/4" GRAVEL SHALL BE MIXED IN WITH SOIL AT A RATIO OF 1:3 BY VOLUME (GRAVEL:SOIL) PRIOR TO PLACEMENT.
 5. ALL DISTURBED AREAS TO BE RE-SEEDED.

- KEY NOTES:**
- ① REPAIR RILLING
 - ② GRADE BENCH TO PROMOTE LATERAL WATERFLOW
 - ③ CLEAR HDPE INLET
 - ④ BUILD UP LIP OF BENCH TO PREVENT STORMWATER FROM RUNNING DOWN THE SLOPE OF THE COVER
 - ⑤ CONSTRUCT/REHABILITATE SWALE TO DIRECT WATER OFF COVER
 - ⑥ CONSTRUCT 18" WIDE RIPRAP CHANNEL TO DIRECT WATER OFF COVER. RIPRAP TO BE PLACED AND COMPACTED INTO THE SOIL COVER.



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 WASTE ROCK PILE IMPROVEMENTS
 SANTA FE COUNTY, NM

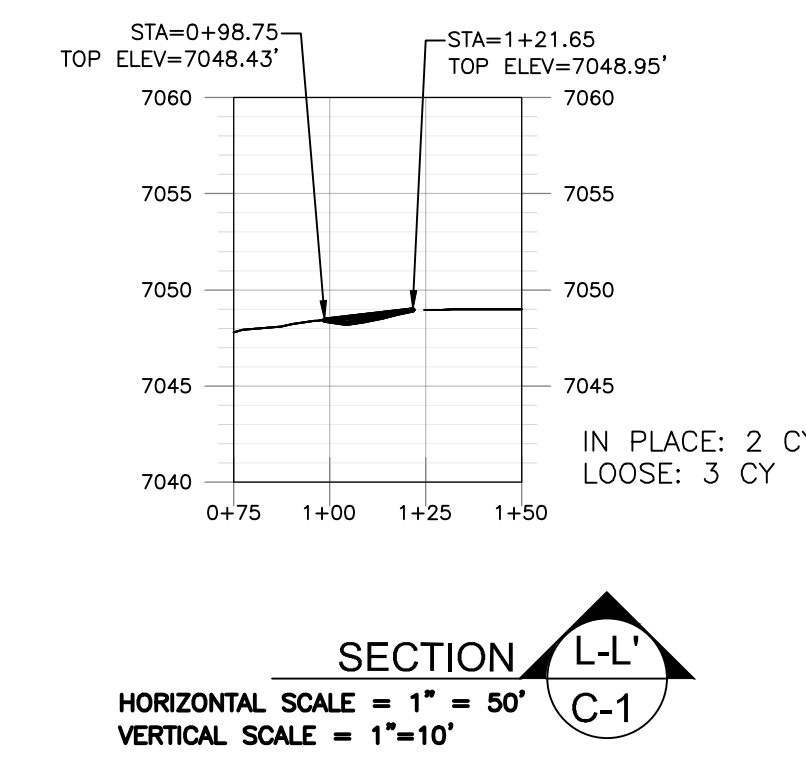
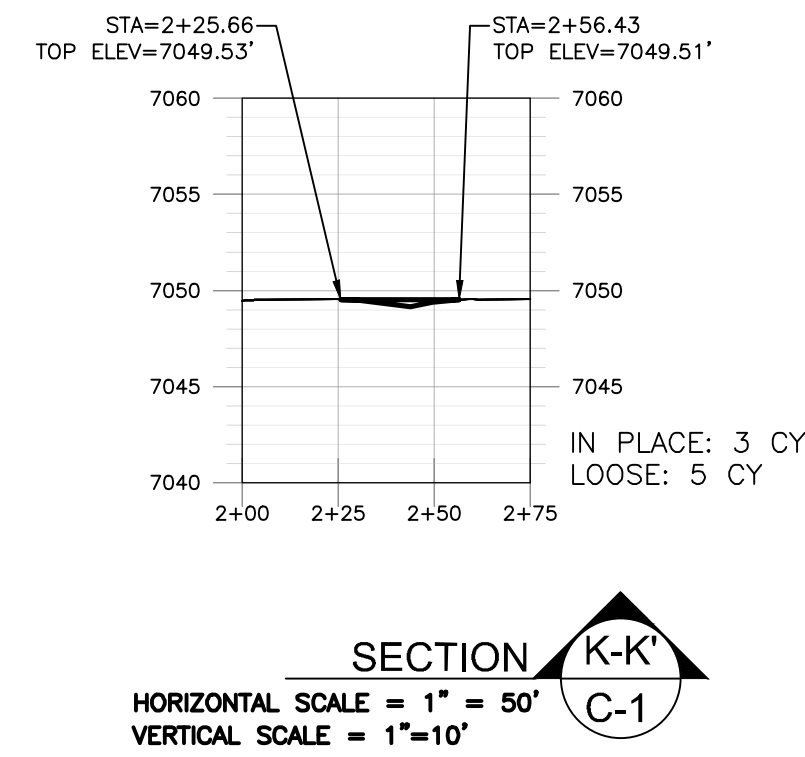
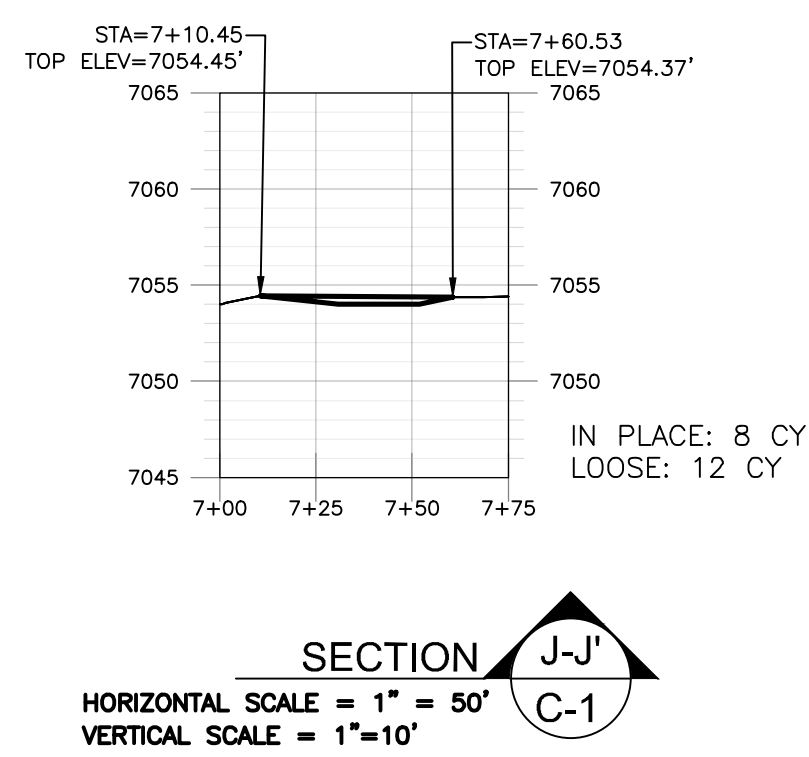
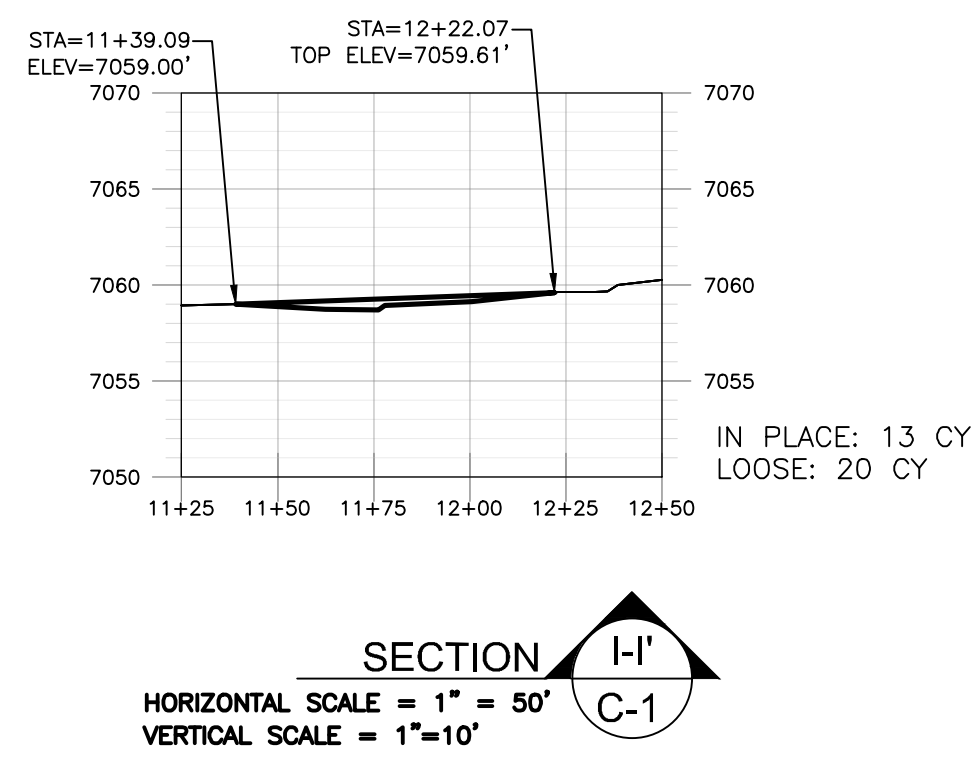
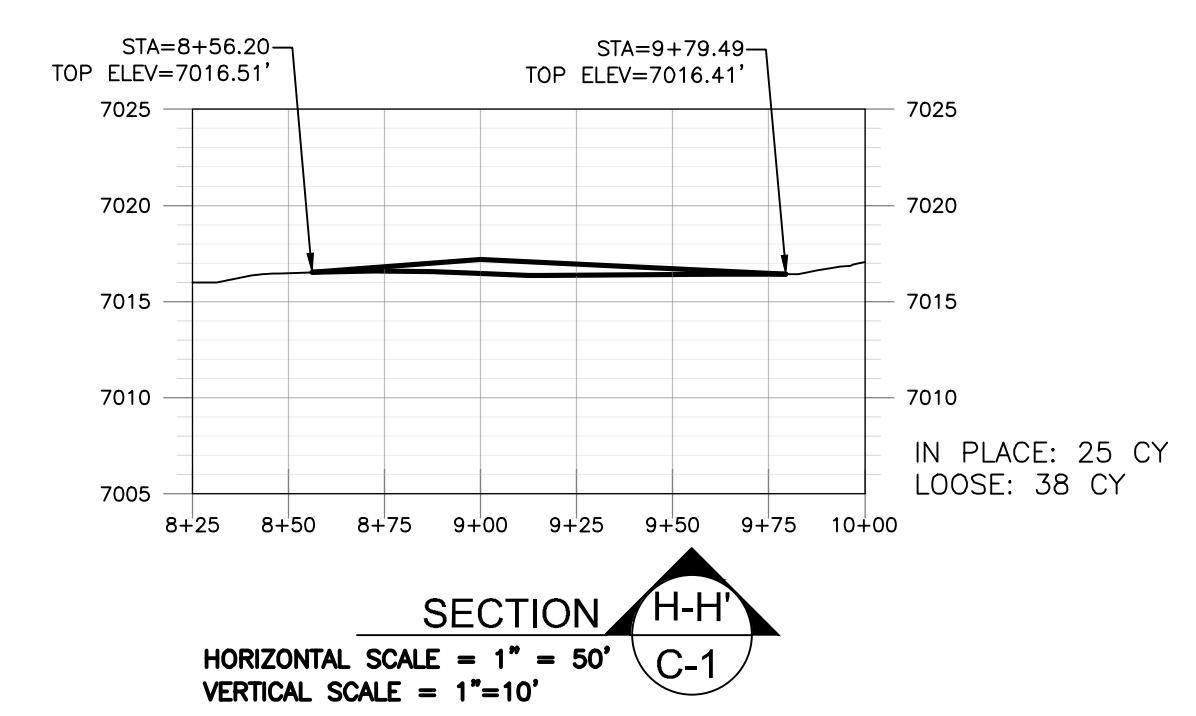
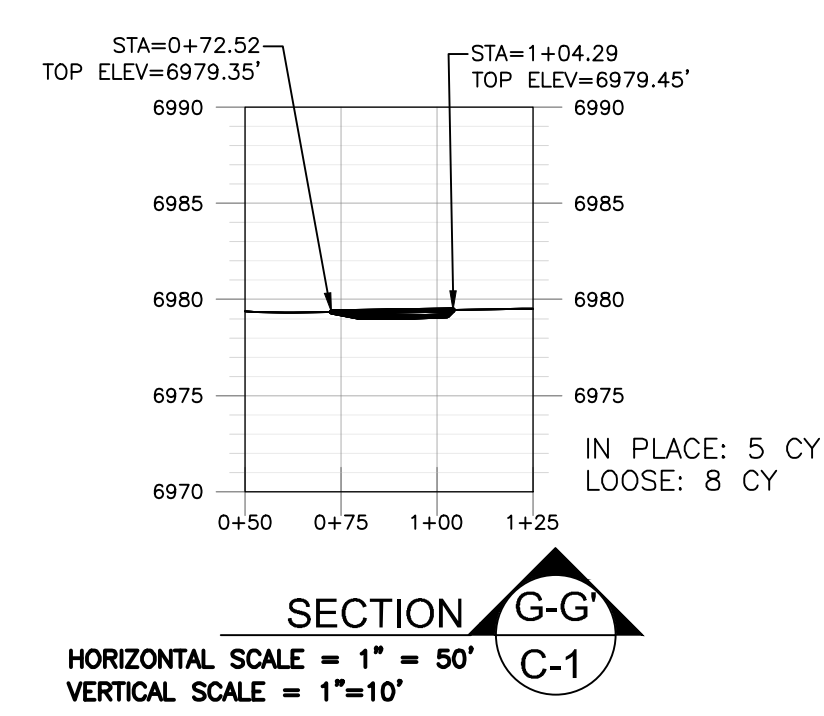
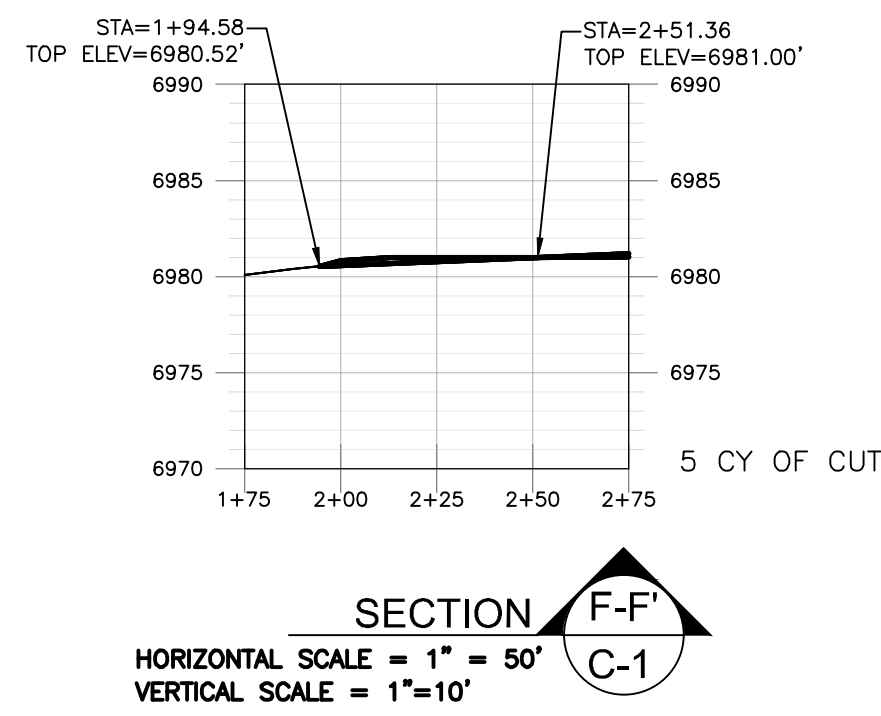
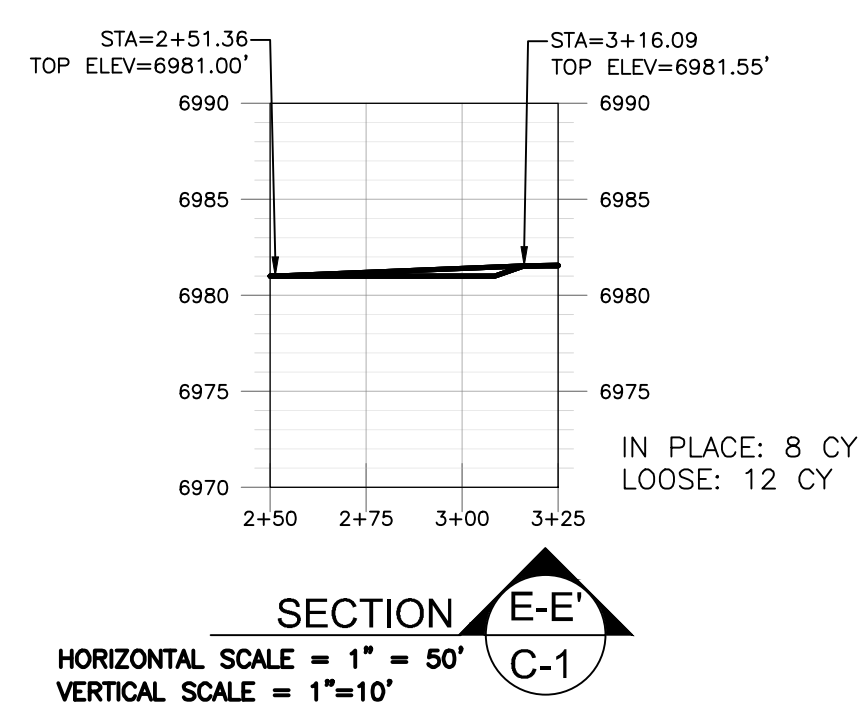
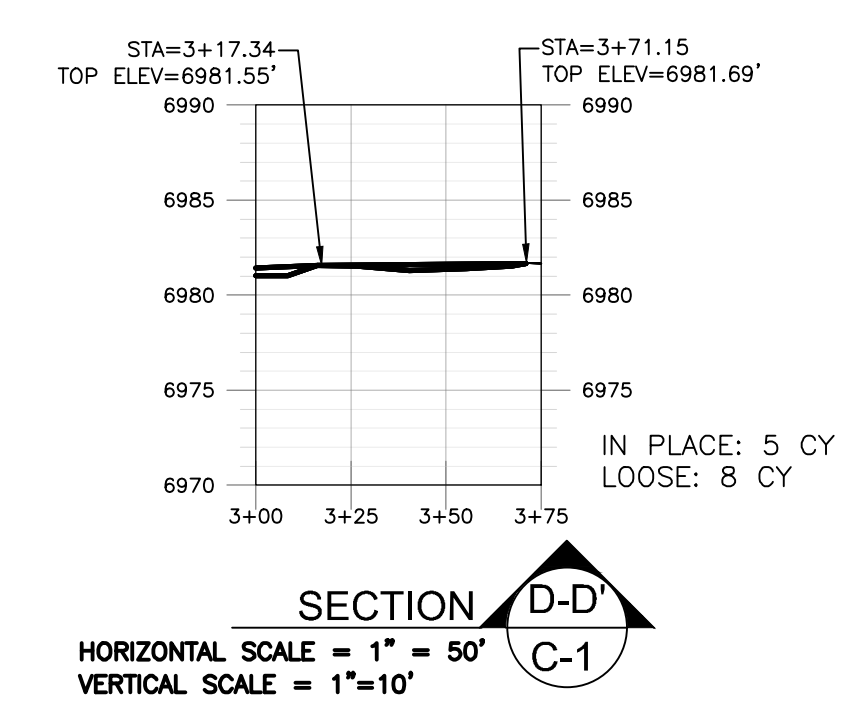
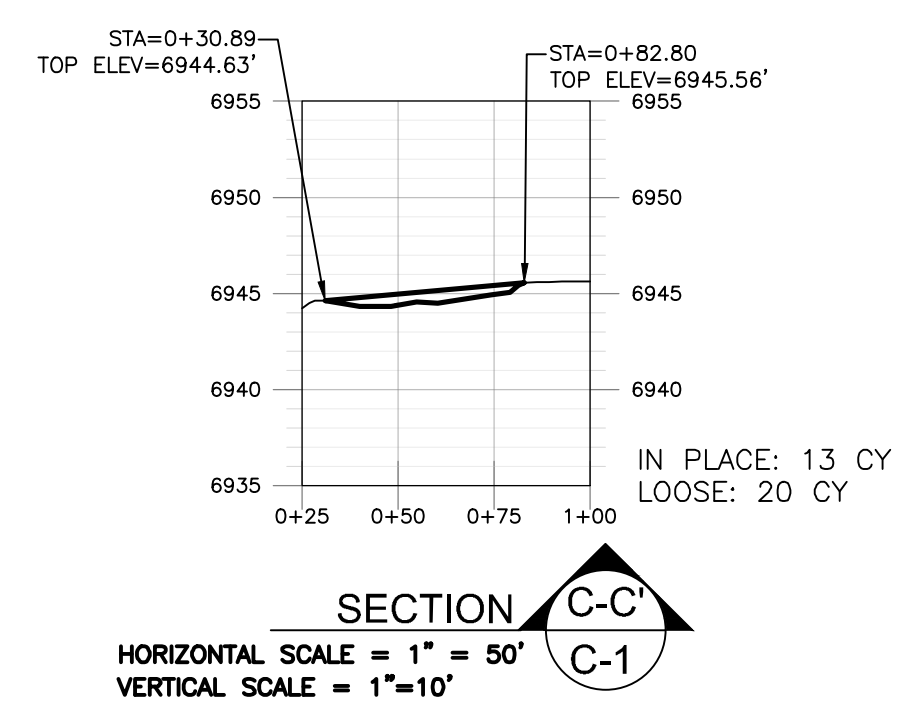
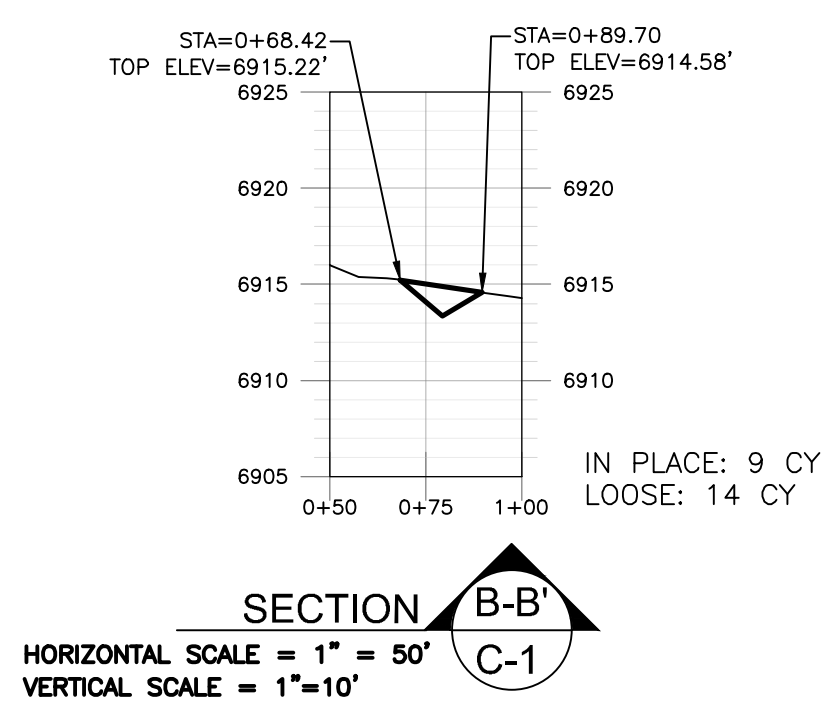
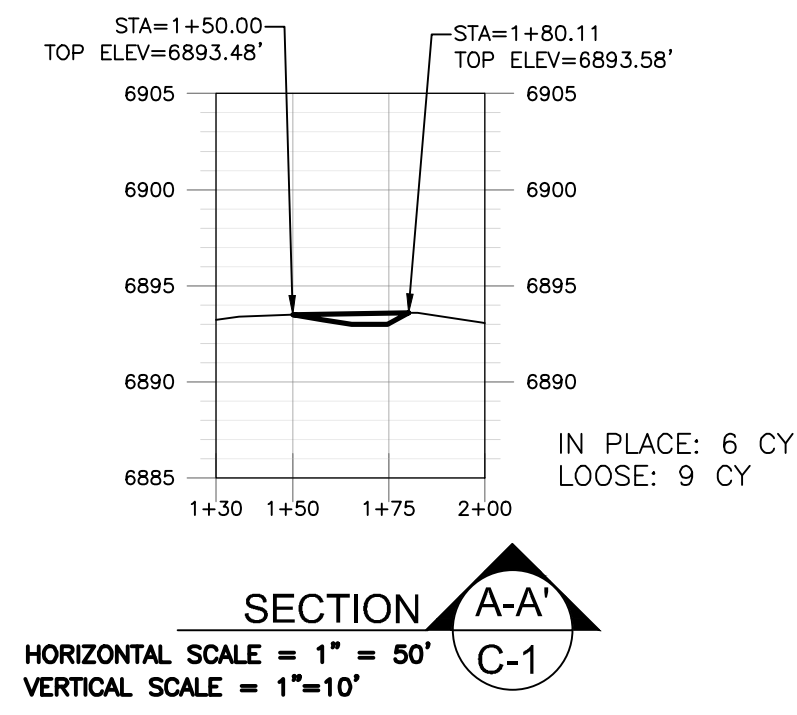
SITE PLAN

SHEET 3 OF 5
 DWG NO. C-1

JOB NO.
 DB22.1087

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S:\PROJECTS\DB22.1087_CUNNINGHAM_HILL\CAD\PRODUCTION\C-3 CROSS SECTIONS 1.DWG May 4, 2022 - 2:14 PM BY: SAMSON, JEFFREY



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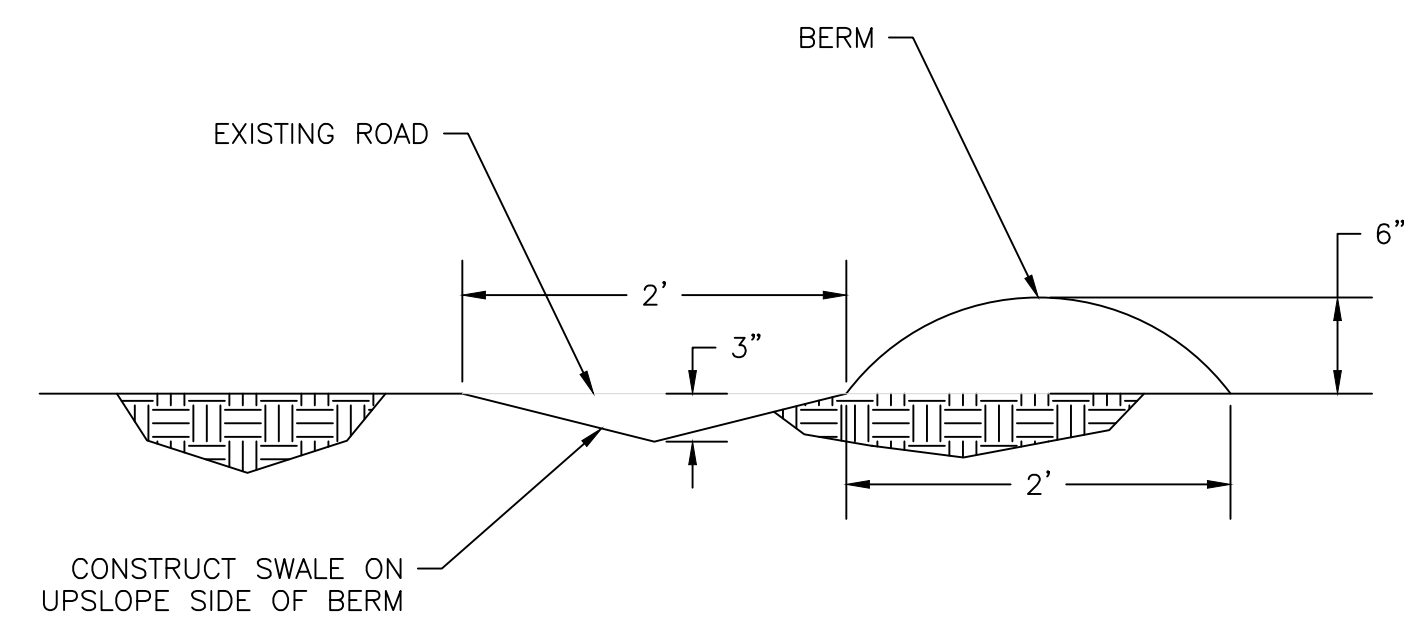
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SHEET 4 OF 5
 DWG NO. C-2

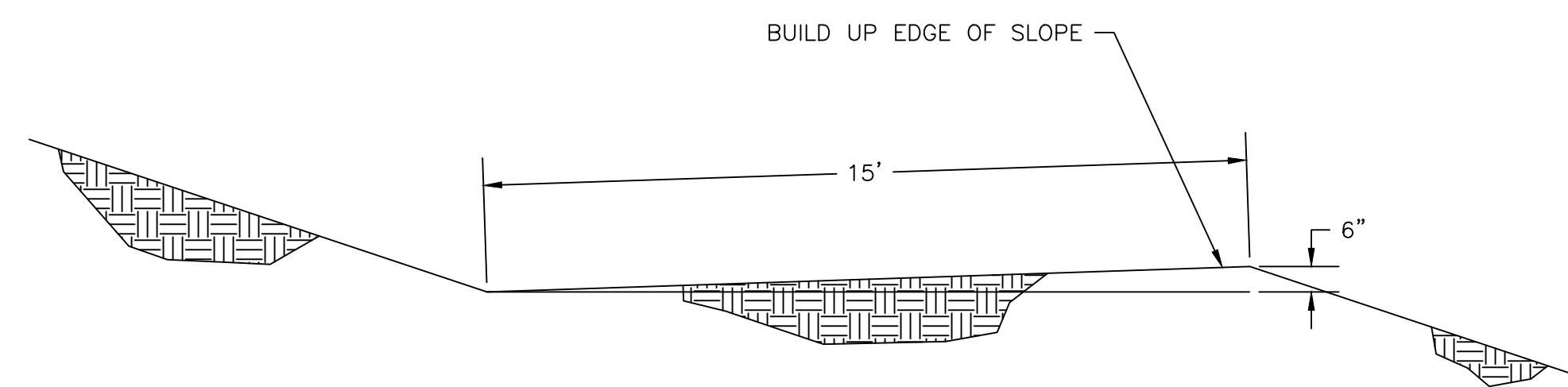
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CROSS SECTIONS

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SWALE DETAIL 1
SCALE: NTS C-1



BENCH DETAIL 2
SCALE: NTS C-1

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CIVIL DETAILS

SHEET 5 OF 5
 DWG NO. C-3
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