

# TIJERAS BIOZONE ADA SENSORY TRAIL 100% FOR CONSTRUCTION JUNE 19, 2024

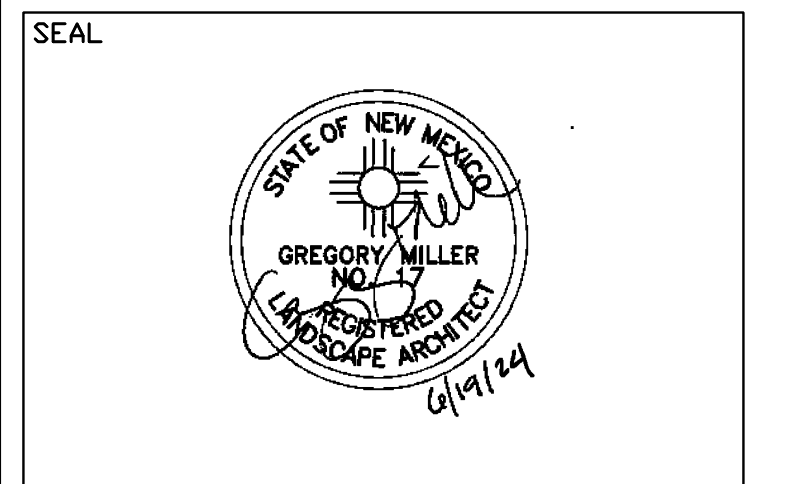


VICINITY MAP:  
L-23, L-24

## CIUDAD SOIL & WATER CONSERVATION DISTRICT



CONSULTANTS



PROJECT NAME AND ADDRESS  
 CIUDAD SOIL AND WATER  
 CONSERVATION DISTRICT  
 AND  
 THE CITY OF ALBUQUERQUE  
  
**TIJERAS BIOZONE  
 ADA SENSORY TRAIL**  
 15600 CENTRAL AVE SE  
  
 DATE JUNE 19, 2024  
 SUBMITTAL  
 100%  
 FOR CONSTRUCTION

REVISIONS

NO.	DATE	DESCRIPTION

PLAND PROJECT NO 23043  
 DESIGNED BY KW CHECKED BY GM  
 DRAWN BY KW

SHEET TITLE  
 COVER SHEET  
  
 SHEET NUMBER  
 G001

### Property Information

Property Address: 15600 CENTRAL AVE SE  
 Zone : L-23, L-24

### Legal Description

T10N R3E SEC16 TR 5 W OF FREEWAY  
 6.187 AC

### Index of Drawings

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L001	NOTES
L002	SENSORY STATIONS – FOR INFORMATION ONLY.
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LP101	PLANTING PLAN – N.I.C. FOR INFORMATION ONLY
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LP103	PLANTING PLAN – N.I.C. FOR INFORMATION ONLY

CONSULTANTS

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**DEMOLITION NOTES**

1. ALL EXISTING TREES AND PLANT MATERIAL ARE TO REMAIN UNLESS OTHERWISE NOTED. SEE TREE AND PLANT PROTECTION NOTES.
2. SOIL EXCAVATED DURING THE COURSE OF TRAIL CONSTRUCTION SHALL BE USED AS FILL WHERE NEEDED. LOCATE EXCESS SOIL ON SITE PER OWNER'S DIRECTION.
3. TRIM BRANCHES OF EXISTING TREES WHERE NEEDED TO PROVIDED 8'-0" VERTICAL CLEARANCE OVER TRAIL PER OWNER'S DIRECTION.
4. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL RUBBLE, TRASH, AND MANURE ENCOUNTERED DURING EXCAVATION ACTIVITIES.
5. EXTREME CARE SHALL BE TAKEN AT CREEK EDGE TO NOT DISTURB EXISTING PLANT MATERIAL AND EXISTING GRADES UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL REFRAIN FROM WALKING, STORING MATERIALS, OR DRIVING OR PARKING EQUIPMENT WITHIN 10'-0" OF CREEK FLOW LINE EXCEPT WHERE REQUIRED TO COMPLETE WORK.
7. SOIL, ROCKS, BOULDERS, RUBBLE, TRASH, PLANT MATERIALS, AND CONSTRUCTION MATERIALS SHALL NOT BE ALLOWED TO FALL INTO CREEK.
8. EXISTING STUMPS AND BOULDERS SHALL BE LEFT IN PLACE UNLESS OTHERWISE DIRECTED BY THE OWNER.
9. CONTRACTOR SHALL FILL AND COMPACT ALL VOIDS CREATED BY DEMOLITION WORK WITH EXCESS SOIL FROM THE SITE.
10. ALL AREAS ADJACENT TO THE SITE SHALL BE MAINTAINED IN A CLEAN CONDITION, MUD AND DUST FREE AT ALL TIMES.
11. PRIOR TO DEMOLITION OPERATIONS, THE CONTRACTOR SHALL DOCUMENT ALL EXISTING CONDITIONS DIRECTLY ADJACENT TO THE PROJECT AREA AND THE CONDITION OF ANY EXISTING ITEMS TO REMAIN WITHIN THE PROJECT AREA. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO THE OWNER BEFORE PROCEEDING WITH ANY WORK.
12. CONTRACTOR SHALL CLEAR PLANT MATERIAL WHERE SITE ELEMENTS ARE TO BE LOCATED. ALL TREES ARE TO REMAIN.
13. CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF TRASH WHERE SITE ELEMENTS ARE TO BE LOCATED.
14. CONTRACTOR SHALL CLEAR ANY OTHER OBSTRUCTION SUCH AS EXISTING FENCING WHERE SITE ELEMENTS ARE TO BE LOCATED. VERIFY WITH LANDSCAPE ARCHITECT PRIOR TO REMOVAL.

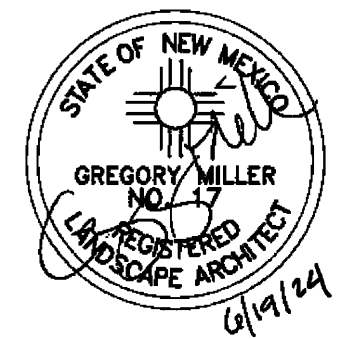
**TREE AND PLANT PROTECTION NOTES**

1. CONTRACTOR SHALL ESTABLISH A ROOT PROTECTION ZONE AROUND EACH EXISTING TREE TO REMAIN WHOSE DRIP ZONE OVERLAPS WITH SITE ELEMENTS. THE ROOT PROTECTION ZONE SHALL BE AN AREA DEFINED BY A RADIUS EXTENDING OUTWARD FROM THE TRUNK OF THE TREE A DISTANCE OF ONE LINEAR FEET FOR EACH INCH DIAMETER OF THE TREE. THE TREE DIAMETER SHALL BE MEASURED AT BRESTA HEIGHT (4.5' ABOVE FINISH GRADE). EXAMPLE: A 10 INCH DIAMETER TREE WILL HAVE A 10 FOOT RADIUS ROOT PROTECTION ZONE.
2. CONTRACTOR SHALL INSTALL INDICATOR MARKING AT THE PERIMETER OF ROOT PROTECTION ZONES. NO WORK SHALL BEGIN WHERE TREE PROTECTION BOUNDARIES HAVE NOT BEEN MARKED AND APPROVED. TREE PROTECTION INDICATOR MARKING SHALL BE INSTALLED, MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING CONSTRUCTION. THE INDICATOR MARKING SHALL BE A MINIMUM OF 4' HEIGHT.
3. CONTRACTOR SHALL NOT STORE OR DRIVE EQUIPMENT, VEHICLES OR MATERIALS WITHIN THE ROOT PROTECTION ZONE.
4. CONTRACTOR SHALL PROTECT EXISTING ROOTS FROM DAMAGE WHEN WORKING WITHIN THE ROOT PROTECTION ZONE. THE CONTRACTOR SHALL LIMIT DEMOLITION OR OTHER CONSTRUCTION ACTIVITIES WITHIN THE ROOT PROTECTION ZONE TO THE MINIMUM DISTURBANCE REQUIRED TO COMPLETE CONSTRUCTION.
5. CONTRACTOR SHALL NOT ALLOW CONCRETE TRUCKS TO CLEAN CHUTES OR DUMP EXCESS CONCRETE OR ANY OTHER CEMENTITIOUS PRODUCTS IN ANY PORTION OF THE SITE. CONTRACTOR SHALL CLEAN THE WASTE OF OTHER CEMENTITIOUS MATERIALS FROM THE SURFACE AND THEY SHALL NOT BE TURNED UNDER DURING FINAL GRADING.
6. CONTRACTOR SHALL NOT TRENCH WITHIN THE DRIPLINE OF EXISTING TREES. AT LOCATIONS WHERE IT IS NECESSARY TO INSTALL LINES OR WIRE WITHIN THE DRIPLINE OF EXISTING TREES, THE UTILITY SHALL BE INSTALLED BY BORING UNDER TREE ROOTS.

**GENERAL NOTES**

- A. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK, IN ORDER THAT THE COUNTY SURVEY SECTION MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY OF ALBUQUERQUE SURVEY SECTION.
- B. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED, FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.
- C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, BUT NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
- D. SUBGRADE PREPARATION UNDER SITE ELEMENTS SHALL BE INCIDENTAL TO THE CONSTRUCTION OF SUCH, AND NO DIRECT PAYMENT SHALL BE MADE FOR THOSE ITEMS OF WORK.
- E. THE CONTRACTOR SHALL EXERCISE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION. SEE SECTION 18 "UTILITIES", CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS FOR CONTRACTOR REQUIREMENTS.
- F. THE CONTRACTOR SHALL NOTIFY THE NEW MEXICO ONE CALL SYSTEM 260-1990 TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK IN NEW AREAS.
- G. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST BETWEEN THE FIELD INFORMATION AND THE PLANS, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT SO THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
- H. ALL UTILITY LINES WHICH ARE NOT SPECIFICALLY DESIGNATED TO BE REMOVED AND REPLACED ON THE PLANS, SHALL BE MAINTAINED IN SERVICE. SHORING, SHEETING AND OTHER MEANS OF SUPPORT SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT DAMAGE OR LOSS OF THESE EXISTING UTILITIES AND THESE SHORING, SHEETING, AND SUPPORTS ARE CONSIDERED INCIDENTAL TO THIS PROJECT. ANY DAMAGE TO EXISTING UTILITIES SHALL PROMPTLY BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- I. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING COA INFRASTRUCTURE OR PRIVATE PROPERTY DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE.
- J. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING NPDES PERMITS IF REQUIRED BY APPLICABLE CITY, STATE, AND FEDERAL REGULATIONS.
- K. CONTRACTOR SHALL RECORD DATA ON ALL IRRIGATION PIPE SLEEVES INSTALLED BELOW-GRADE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- L. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL REQUIRED CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN FINAL ACCEPTED BY THE CITY.
- M. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- N. CONTRACTOR SHALL KEEP SITE CLEAN AND FREE OF ALL DEBRIS.
- O. CONTRACTOR SHALL STAKE AND FIELD VERIFY ALL GRADES WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.

SEAL



PROJECT NAME AND ADDRESS

CUIDAD SOIL AND WATER  
CONSERVATION DISTRICT  
AND  
THE CITY OF ALBUQUERQUE

**TIJERAS BIOZONE  
ADA SENSORY TRAIL**  
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PLAND PROJECT NO 23043  
DESIGNED BY KW CHECKED BY GM  
DRAWN BY KW

SHEET TITLE

**NOTES**

SHEET NUMBER

**L001**



CONSULTANTS

**FOR INFORMATION ONLY  
(NOT IN CONTRACT)**

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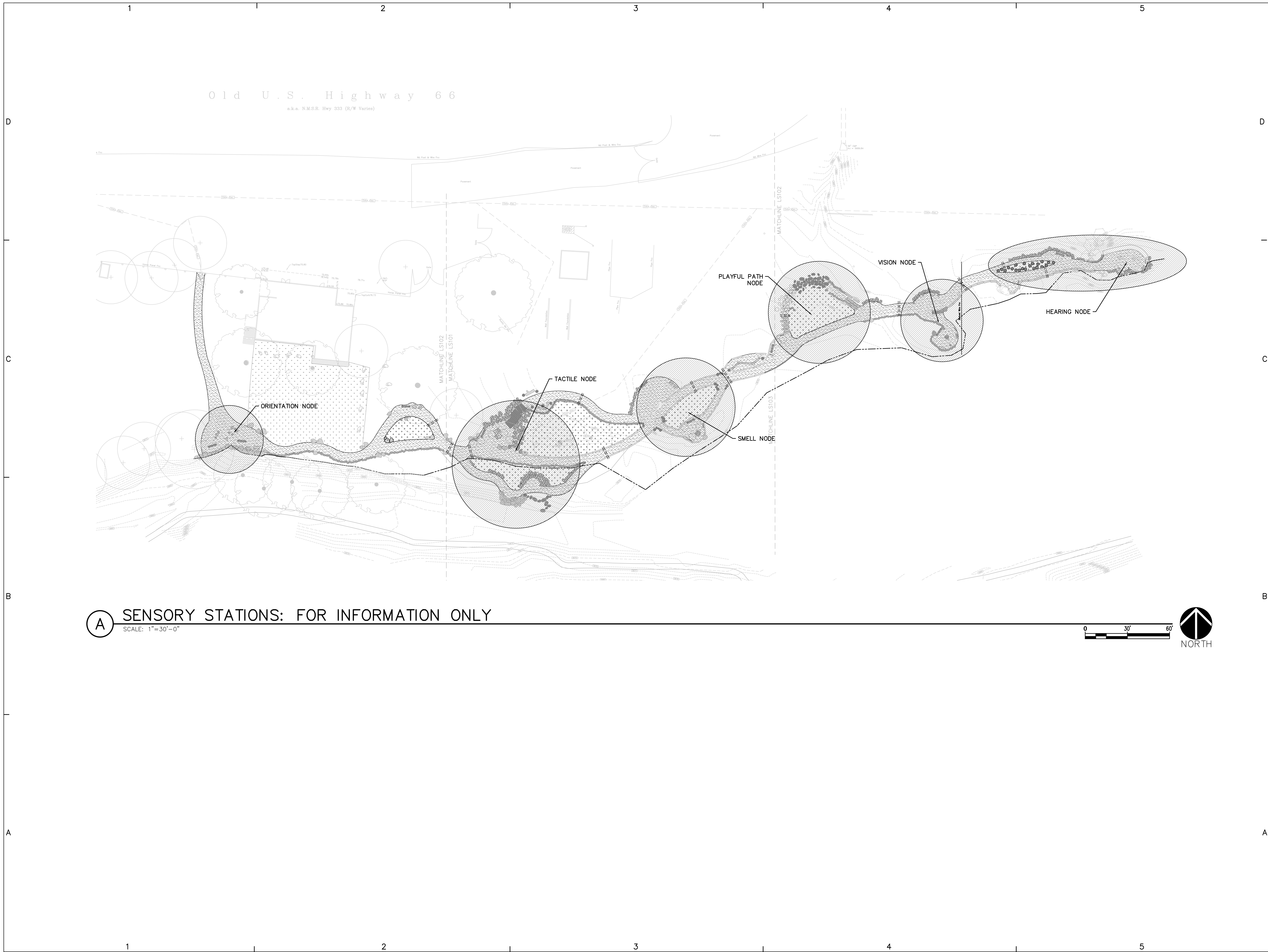
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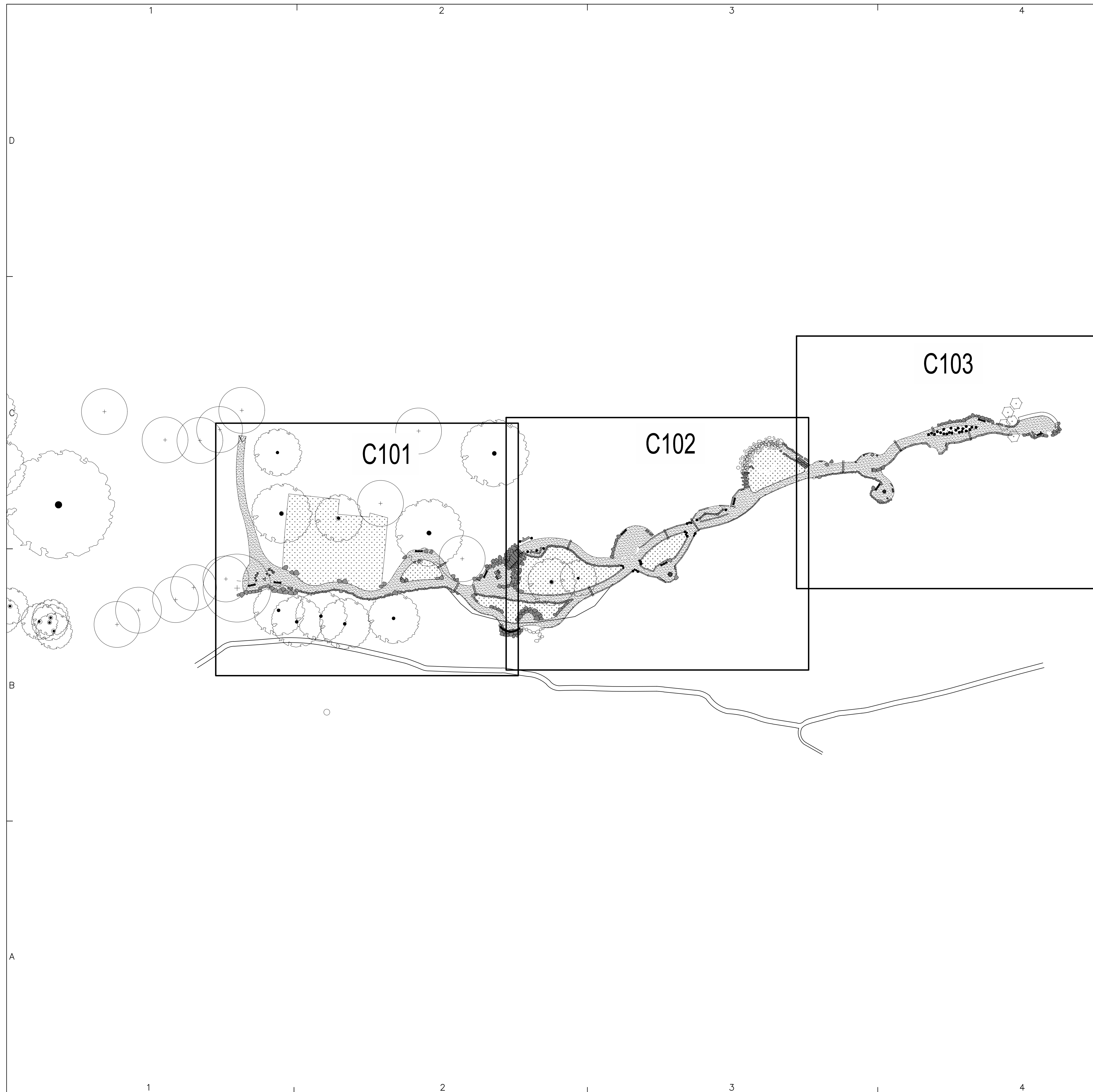
PLAND PROJECT NO 23043  
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SHEET TITLE  
**SENSORY STATIONS**

SHEET NUMBER  
**L002**



**A** SENSORY STATIONS: FOR INFORMATION ONLY

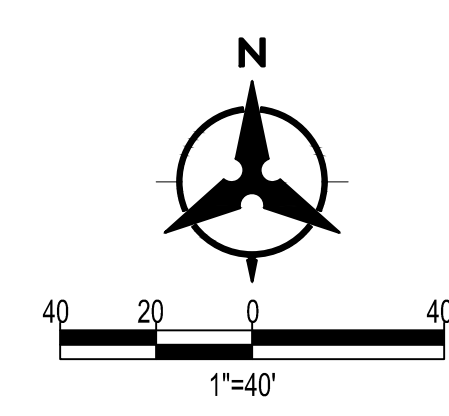


**GENERAL NOTES**

- A. ALL WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE PROJECT GEOTECHNICAL REPORT. WHERE APPLICABLE, NMAPWA STANDARD SPECIFICATIONS SHALL APPLY.
- B. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORM WATER DISCHARGE.
- C. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS INCLUDING ALL UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER OR ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- D. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.
- E. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
- F. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
- G. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- H. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- I. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E., BARRICADING, TOPSOIL DISTURBANCE, EXCAVATION PERMITS, EPA STORM WATER PERMITS, ETC.).
- J. ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
- K. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), US DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
- L. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
- M. THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING COMPLIANCE WITH NPDES PHASE 2 REQUIREMENTS.
- N. THE CONTRACTOR SHALL COMPLY WITH ALL EPA RULES AND REGULATIONS WHICH REGULATE THE DISCHARGE OF POLLUTANTS IN STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY AS DEFINED IN THE NPDES STORM WATER REGULATION. THE CONTRACTOR IS RESPONSIBLE FOR SWPPP PREPARATION, IMPLEMENTATION, INSPECTION, AND MAINTENANCE. THE CONTRACTOR WILL POST THE SWPPP ON SITE AS REQUIRED, AS WELL AS SUBMIT COPIES OF SWPPP INSPECTION REPORTS TO OWNER. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO ENSURE THE N.O.T. AND N.O.I. ARE COMPLETED IN A TIMELY FASHION.
- O. REFER TO LANDSCAPE PLANS FOR ALL RETAINING WALLS, STAIRWAYS, BRIDGES, OR OTHER STRUCTURES THAT ARE DISPLAYED OR MAY BE NEEDED.

**GRADING NOTES**

- A. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
- B. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST, AND INCLUDED IN THE GMP.
- C. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
- D. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.
- E. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY.
- F. A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE INSPECTOR. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- G. ALL PROPOSED CONTOURS REFLECT TOP OF GROUND ELEVATIONS.
- H. VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION PRIOR TO BEGINNING CONSTRUCTION.
- I. THE CONTRACTOR SHALL PROVIDE AS-BUILTS SURVEY DATA TO ENSURE COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. THE SURVEY SHALL BE PERFORMED BY A PROFESSIONAL SURVEYOR LICENSED IN THE STATE OF NEW MEXICO. THE AS-BUILT DRAWING SHALL BE CERTIFIED BY THE SURVEYOR OF RECORD.



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15600 CENTRAL AVE SE

DATE: JUNE 18, 2024  
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SHEET TITLE

**OVERALL GRADING PLAN**

SHEET NUMBER

**C-100**



**GENERAL NOTES**

A. REFER TO LANDSCAPE PLANS FOR ALL RETAINING WALLS, STAIRWAYS, BRIDGES, OR OTHER STRUCTURES THAT ARE DISPLAYED OR MAY BE NEEDED.

**SEE SHEET C-102**



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CONSULTANTS

Bohannon & Huston  
800.877.5332  
www.bhinc.com

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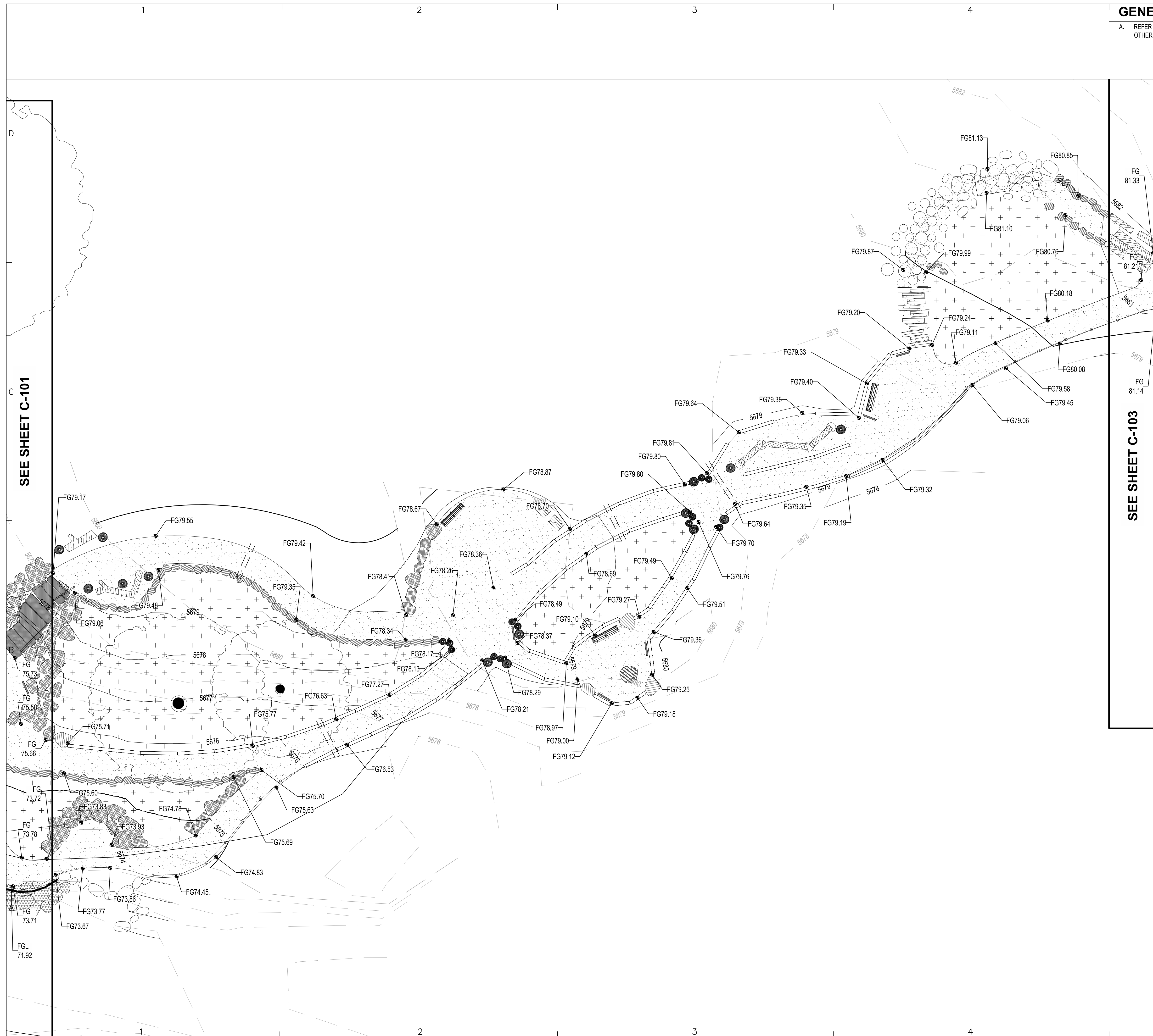
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**GRADING PLAN**

SHEET NUMBER

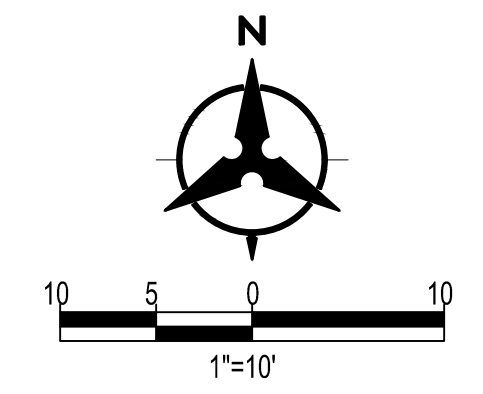
**C-101**



**GENERAL NOTES** 5  
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SEE SHEET C-101

SEE SHEET C-103



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**C-102**

**GENERAL NOTES** 5

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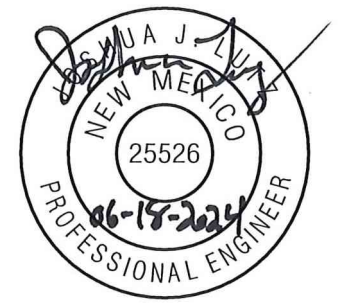


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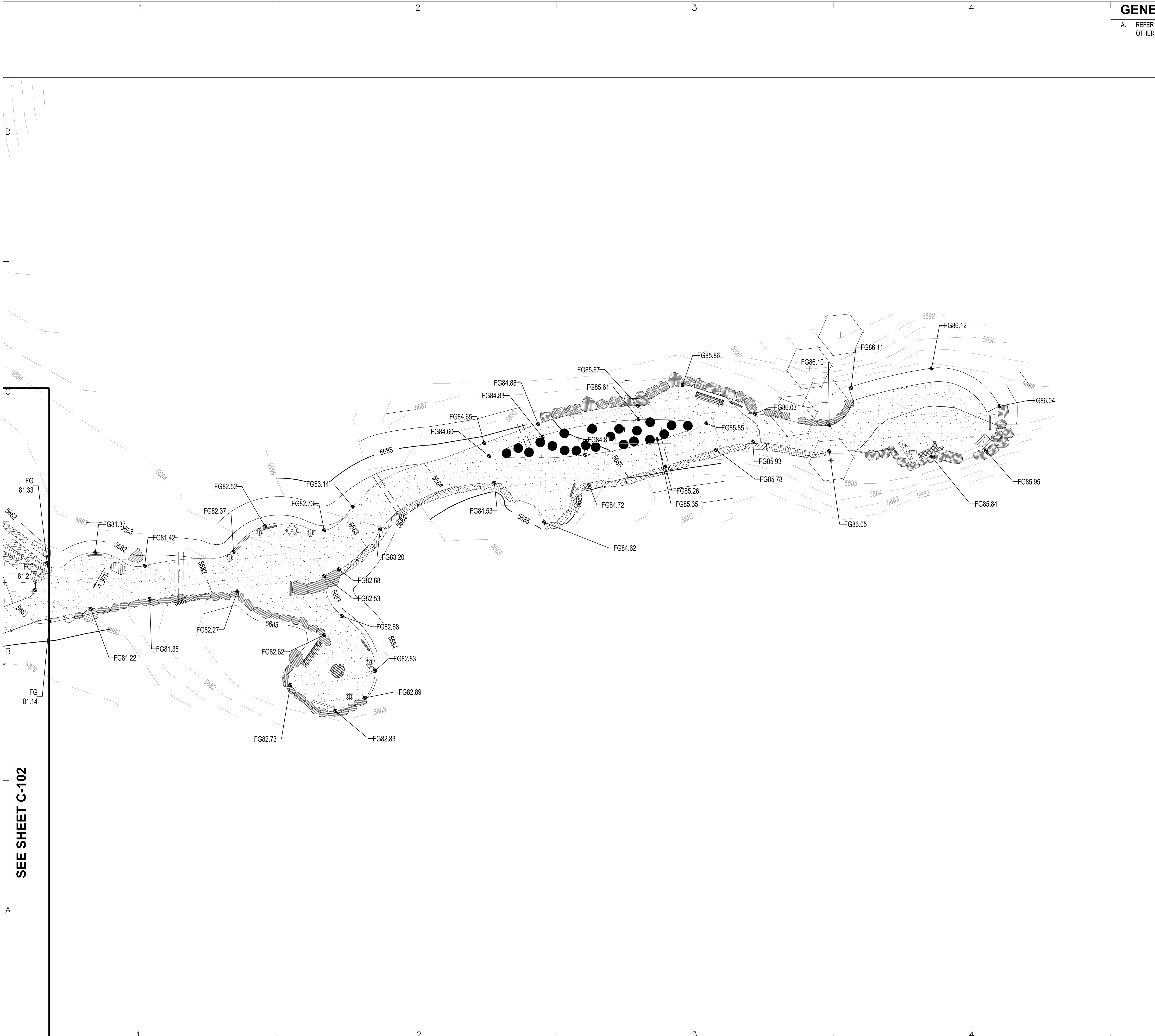
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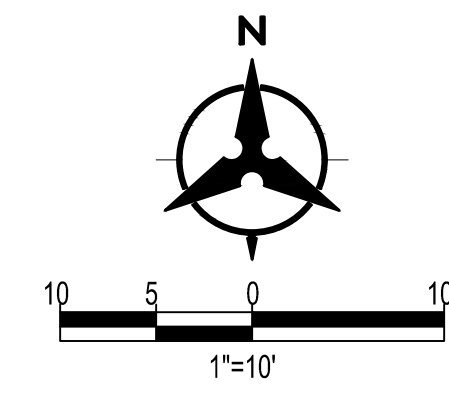
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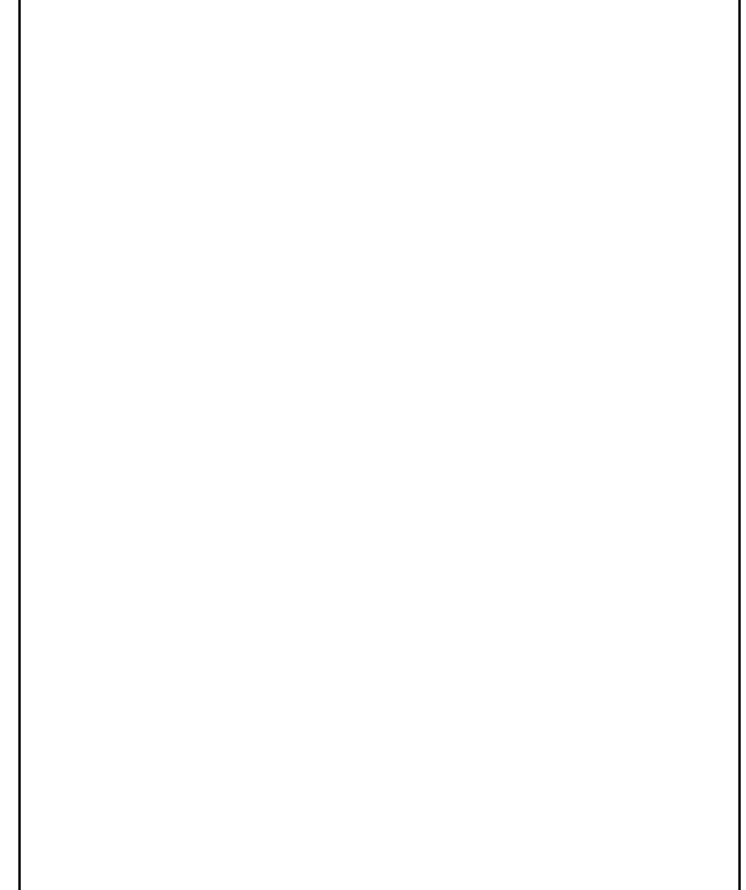
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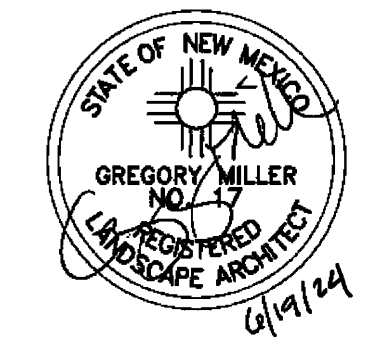
SEE SHEET C-102



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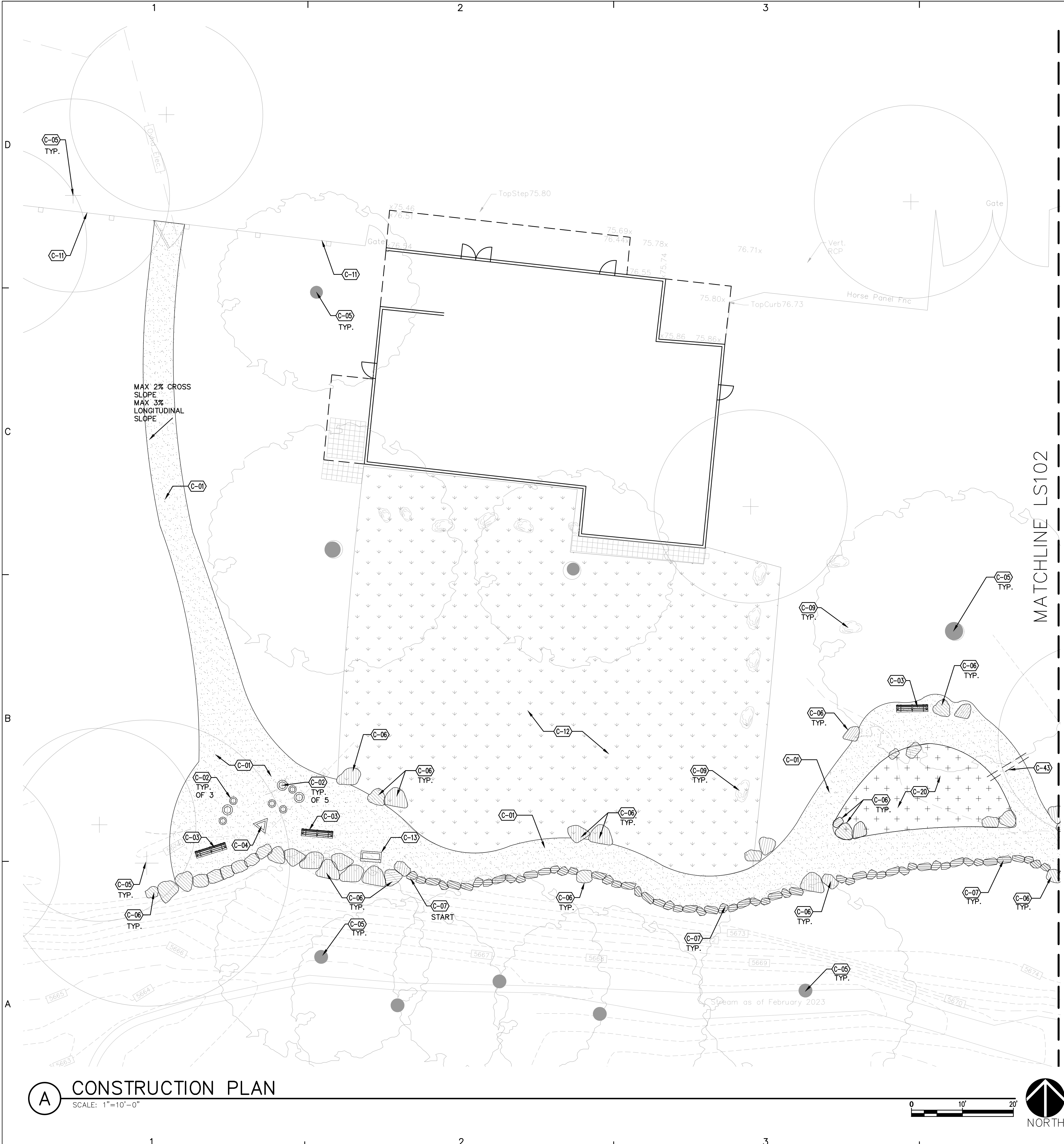
LS101

CONSTRUCTION KEYED NOTES LS101

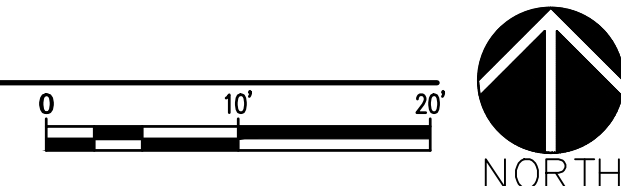
CODE	DESCRIPTION	DETAIL
C-01	CONSTRUCT STABILIZED CRUSHER FINE PATH. CRUSHER FINES SHALL BE 'SANTA FE BROWN'.	7/LS501
C-02	SEATING STUMP. CUT SALVAGED DEAD COTTONWOOD AND ELM TREES INTO PIECES FROM APPROXIMATELY 12 INCHES IN HEIGHT TO 24 INCHES IN HEIGHT. CUTS SHALL BE PARALLEL TO ONE ANOTHER AND TO A LEVEL GRADE. REMOVE LOOSE BARK, BRANCHES AND SPLINTERS FROM LOG. ROUGHLY SMOOTH LOG TO REMOVE ANY SHARP PROTRUSIONS OR SNAGS. STUMPS SHALL NOT BE FIXED IN PLACE.	
C-03	FURNISH AND INSTALL 6'-0" LENGTH BENCH 56 WITH ARMRESTS AS AVAILABLE FROM DUMOR (800)598-4018, OR APPROVED EQUAL. INSTALLATION SHALL BE EMBEDMENT, S-1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.	
C-04	INTERPRETIVE SIGN. NOT IN CONTRACT - FOR INFORMATION ONLY. KEYED NOTE ARROW POINTS TO FACE OF SIGN.	
C-05	EXISTING TREE TO REMAIN. SEE TREE PROTECTION NOTES.	
C-06	INSTALL SEATING/ACCENT BOULDER. BOULDERS SHALL RANGE IN SIZE FROM 8C.F. - 27 C.F. WITH APPROXIMATELY 1/3 8 C.F., 1/3 12 C.F., 1/3 18 C.F., 1/3 18 C.F.-27 C.F.	1/LS501
C-07	CONSTRUCT STONE EDGER.	5/LS501
C-09	EXISTING BOULDER TO REMAIN.	
C-11	EXISTING FENCE TO REMAIN.	
C-12	EXISTING TURF GRASS LAWN TO REMAIN.	
C-13	INSTALL TIJERAS CREEK CORRIDOR INTERPRETIVE SIGN ON 12" DEEP 3000 PSI CONCRETE PAD. PAD DIMENSIONS SHALL BE 3" WIDER THAN SIGN BASE IN ALL DIRECTIONS. COMPACT SUBGRADE TO 95%. SIGN SHALL BE LEVEL AND PLUMB. CONTRACTOR SHALL PREPARE SHOP DRAWING SHOWING HOW SIGN WILL BE ATTACHED TO PAD FOR APPROVAL BY LANDSCAPE ARCHITECT. SIGN PROVIDED BY CITY.	3/LS502
C-20	LANDSCAPE AREA - SEE PLANTING PLAN.	
C-43	INSTALL PVC CLASS 200 SDR 21 PIPE SLEEVE 18" BELOW FINISH GRADE. SOLVENT WELD ANY JOINTS. SIZE: 2". TAPE ENDS SHUT AND FLAG LOCATIONS.	

GENERAL CONSTRUCTION NOTES

CODE	DESCRIPTION
GC-01	STABILIZED CRUSHER FINE TRAIL SHALL BE A MINIMUM OF 6'-0" WIDE.
GC-02	CONTRACTOR SHALL FLAG TRAIL LOCATION FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
GC-03	LOGS, BRANCHES, AND STUMPS SHALL BE SALVAGED FROM SITE. CONFIRM AVAILABLE MATERIAL ON SITE WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. CITY WILL DELIVER ADDITIONAL MATERIAL IF NEEDED.
GC-04	BOULDERS SHALL BE SALVAGED FROM ON SITE. CONFIRM AVAILABLE MATERIAL WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. ADDITIONAL BOULDERS SHALL BE FURNISHED BY CONTRACTOR WITH APPROVAL OF LANDSCAPE ARCHITECT. BOULDERS SHALL NOT BE BLACK OR RED VOLCANIC LAVA ROCK.
GC-05	TRAIL EDGER STONES, COBBLE, AND ADDITIONAL BOULDERS OR STEPPING STONES MAY NOT BE RED OR BLACK VOLCANIC LAVA ROCK. CONTRACTOR SHALL FURNISH SAMPLE TO LANDSCAPE ARCHITECT FOR APPROVAL.
GC-06	CONTRACTOR SHALL LEAVE FINISH GRADE ADJACENT TO ALL TRAIL CONSTRUCTION SMOOTH. FEATHERING DISTURBED AREAS SMOOTHLY BACK INTO THE UNDISTURBED SURROUNDINGS.



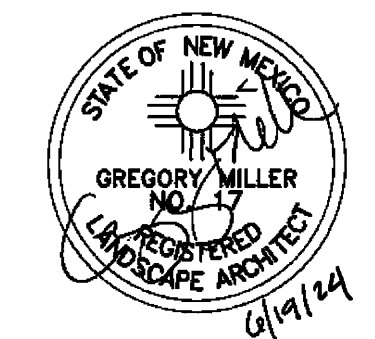
**A CONSTRUCTION PLAN**  
SCALE: 1"=10'-0"





CONSULTANTS

SEAL



PROJECT NAME AND ADDRESS

CUIDAD SOIL AND WATER  
CONSERVATION DISTRICT  
AND  
THE CITY OF ALBUQUERQUE

**TIJERAS BIOZONE  
ADA SENSORY TRAIL**  
15600 CENTRAL AVE SE

DATE: JUNE 19, 2024  
SUBMITTAL: 100%  
FOR CONSTRUCTION

REVISIONS

NO.	DATE	DESCRIPTION

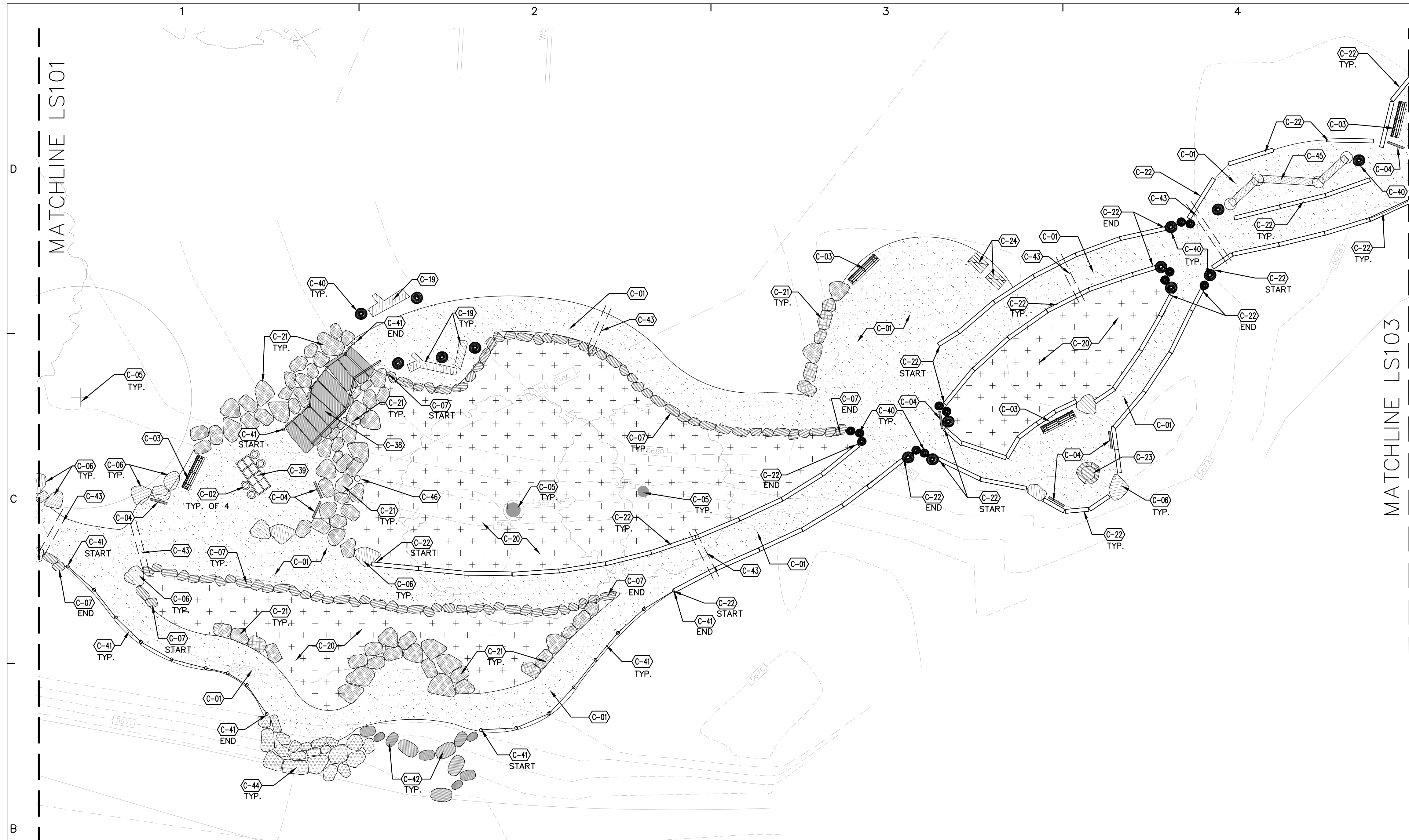
PLAND PROJECT NO 23043  
DESIGNED BY KW CHECKED BY GM  
DRAWN BY KW

SHEET TITLE

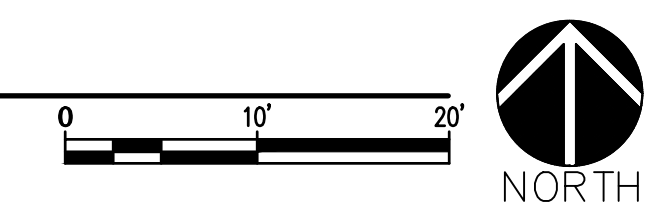
**CONSTRUCTION  
PLAN**

SHEET NUMBER

**LS102**



**(A) CONSTRUCTION PLAN**  
SCALE: 1"=10'-0"



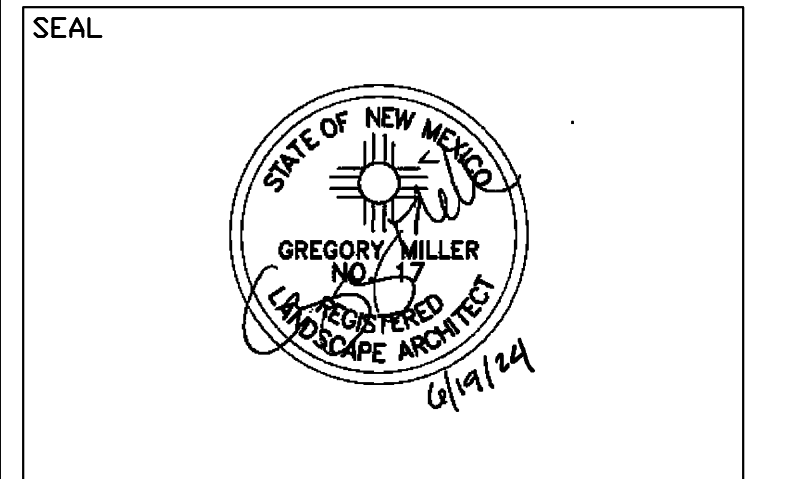
**CONSTRUCTION KEYED NOTES LS102**

CODE	DESCRIPTION	DETAIL	QUANTITY
C-01	CONSTRUCT STABILIZED CRUSHER FINE PATH. CRUSHER FINES SHALL BE 'SANTA FE BROWN'.	7/LS501	
C-02	SEATING STUMP. CUT SALVAGED DEAD COTTONWOOD AND ELM TREES INTO PIECES FROM APPROXIMATELY 12 INCHES IN HEIGHT TO 24 INCHES IN HEIGHT. CUTS SHALL BE PARALLEL TO ONE ANOTHER AND TO A LEVEL GRADE. REMOVE LOOSE BARK, BRANCHES AND SPLINTERS FROM LOG. ROUGHLY SMOOTH LOG TO REMOVE ANY SHARP PROTRUSIONS OR SNAGS. STUMPS SHALL NOT BE FIXED IN PLACE.		
C-03	FURNISH AND INSTALL 6'-0" LENGTH BENCH 56 WITH ARMRESTS AS AVAILABLE FROM DUMOR (800)598-4018, OR APPROVED EQUAL. INSTALLATION SHALL BE EMBEDMENT, S-1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.		
C-04	INTERPRETIVE SIGN. NOT IN CONTRACT - FOR INFORMATION ONLY. KEYED NOTE ARROW POINTS TO FACE OF SIGN.		
C-05	EXISTING TREE TO REMAIN. SEE TREE PROTECTION NOTES.		
C-06	INSTALL SEATING/ACCENT BOULDER. BOULDERS SHALL RANGE IN SIZE FROM 8 C.F. - 27 C.F. WITH APPROXIMATELY 1/3 8 C.F.-12 C.F., 1/3 12 C.F.-18 C.F., 1/3 18 C.F.-27 C.F.	1/LS501	
C-07	CONSTRUCT STONE EDGER.	5/LS501	
C-19	INSTALL SALVAGED LOG AT GRADE.	8/LS501	
C-20	LANDSCAPE AREA - SEE PLANTING PLAN.		
C-21	CONSTRUCT BOULDER GRADE TRANSITION.	2/LS501	
C-22	CONSTRUCT TIMBER EDGER. TIMBER SHALL BE SUBSTITUTED WITH LOG PER KEY NOTE 25, IF MATERIAL IS AVAILABLE ON SITE AND COST IS EQUAL TO OR LESS THAN USING TIMBER.	10/LS501	
C-23	CONSTRUCT BOULDER TABLE.	3/LS501	
C-24	LOOSE MATERIALS BIN. NOT IN CONTRACT. FOR INFORMATION ONLY.		
C-38	CONSTRUCT INFORMAL STONE STEPS WITH STEEL HANDRIL ON SOUTH SIDE.	6/LS501	
C-39	SORTING TABLE. NOT IN CONTRACT. FOR INFORMATION ONLY.		
C-40	CONSTRUCT FIXED IN PLACE STUMP.	9/LS501	
C-41	CONSTRUCT GUIDE ROPE.	4/LS502	
C-42	CONSTRUCT STEPPING STONES AT CREEK EDGE. INSTALL 12"-18" X 12"-18" BOULDER WITH ONE FLAT SIDE FACING UP AND SET RELATIVELY LEVEL. TOP OF BOULDER SHALL BE 1" ABOVE FINISH GRADE. BOTTOM OF BOULDER SHALL BE AT LEAST 3" BUT NO MORE THAN 8" BELOW FINISH GRADE. SITE DISTURBANCE SHALL BE LIMITED TO LOCATION OF EACH STONE. LOCATE STEPPING STONES PER DIRECTION OF LANDSCAPE ARCHITECT IN FIELD.		
C-43	INSTALL PVC CLASS 200 SDR 21 PIPE SLEEVE 18" BELOW FINISH GRADE. SOLVENT WELD ANY JOINTS. SIZE: 2". TAPE ENDS SHUT AND FLAG LOCATIONS.		
C-44	EXISTING ELECTRIC POLE TO REMAIN.		
C-45	CONSTRUCT PLANK AND STUMP ENGAGEMENT FEATURE.	1/LS502	

**GENERAL CONSTRUCTION NOTES**

CODE	DESCRIPTION
GC-01	STABILIZED CRUSHER FINE TRAIL SHALL BE A MINIMUM OF 6'-0" WIDE.
GC-02	CONTRACTOR SHALL FLAG TRAIL LOCATION FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
GC-03	LOGS, BRANCHES, AND STUMPS SHALL BE SALVAGED FROM SITE. CONFIRM AVAILABLE MATERIAL ON SITE WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. CITY WILL DELIVER ADDITIONAL MATERIAL IF NEEDED.
GC-04	BOULDERS SHALL BE SALVAGED FROM ON SITE. CONFIRM AVAILABLE MATERIAL WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. ADDITIONAL BOULDERS SHALL BE FURNISHED BY CONTRACTOR WITH APPROVAL OF LANDSCAPE ARCHITECT. BOULDERS SHALL NOT BE BLACK OR RED VOLCANIC LAVA ROCK.
GC-05	TRAIL EDGER STONES, COBBLE, AND ADDITIONAL BOULDERS OR STEPPING STONES MAY NOT BE RED OR BLACK VOLCANIC LAVA ROCK. CONTRACTOR SHALL FURNISH SAMPLE TO LANDSCAPE ARCHITECT FOR APPROVAL.
GC-06	CONTRACTOR SHALL LEAVE FINISH GRADE ADJACENT TO ALL TRAIL CONSTRUCTION SMOOTH, FEATHERING DISTURBED AREAS SMOOTHLY BACK INTO THE UNDISTURBED SURROUNDINGS.

CONSULTANTS



PROJECT NAME AND ADDRESS  
**CUIDAD SOIL AND WATER  
 CONSERVATION DISTRICT  
 AND  
 THE CITY OF ALBUQUERQUE**  
**TIJERAS BIOZONE  
 ADA SENSORY TRAIL**  
 15600 CENTRAL AVE SE

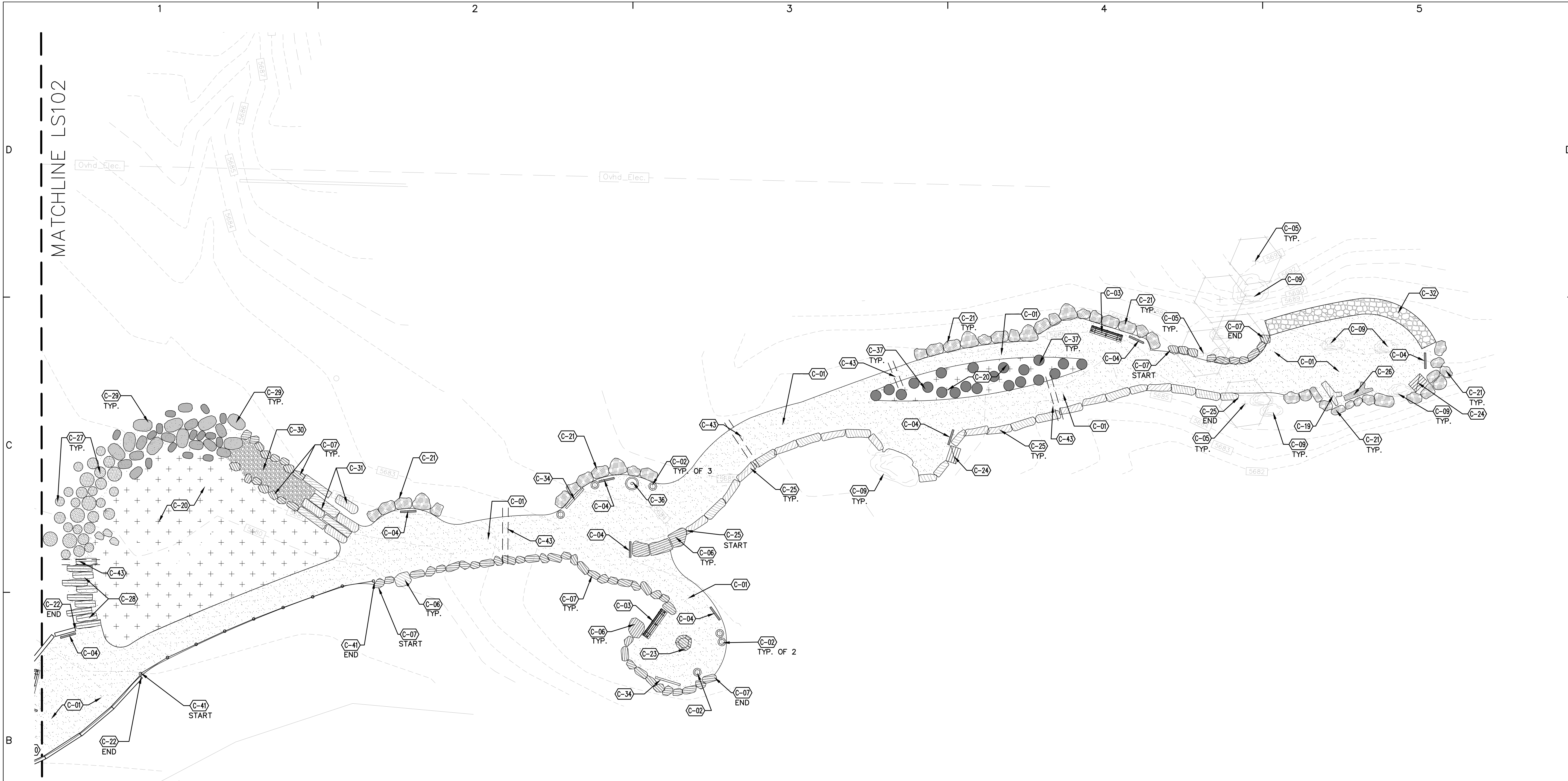
DATE: JUNE 19, 2024  
 SUBMITTAL: 100%  
 FOR CONSTRUCTION

REVISIONS		
NO.	DATE	DESCRIPTION

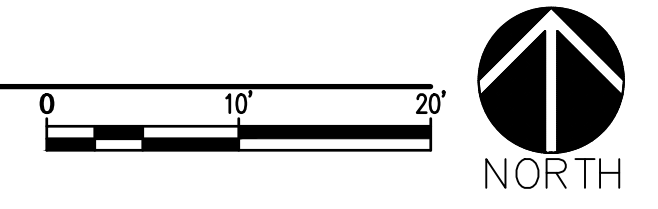
PLAND PROJECT NO 23043  
 DESIGNED BY KW CHECKED BY GM  
 DRAWN BY KW

SHEET TITLE  
**CONSTRUCTION  
 PLAN**

SHEET NUMBER  
**LS103**



**(A) CONSTRUCTION PLAN**  
 SCALE: 1"=10'-0"



**CONSTRUCTION KEYED NOTES LS103**

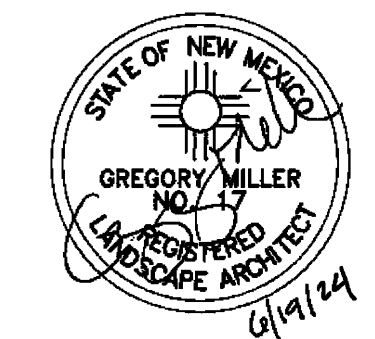
CODE	DESCRIPTION	DETAIL	QTY
C-01	CONSTRUCT STABILIZED CRUSHER FINE PATH. CRUSHER FINES SHALL BE 'SANTA FE BROWN'.	7/LS501	
C-02	SEATING STUMP. CUT SALVAGED DEAD COTTONWOOD AND ELM TREES INTO PIECES FROM APPROXIMATELY 12 INCHES IN HEIGHT TO 24 INCHES IN HEIGHT. CUTS SHALL BE PARALLEL TO ONE ANOTHER AND TO A LEVEL GRADE. REMOVE LOOSE BARK, BRANCHES AND SPLINTERS FROM LOG. ROUGHLY SMOOTH LOG TO REMOVE ANY SHARP PROTRUSIONS OR SNAGS. STUMPS SHALL NOT BE FIXED IN PLACE.		
C-03	FURNISH AND INSTALL 6'-0" LENGTH BENCH 56 WITH ARMRESTS AS AVAILABLE FROM DUMOR (800)598-4018, OR APPROVED EQUAL. INSTALLATION SHALL BE EMBEDMENT, S-1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.		
C-04	INTERPRETIVE SIGN. NOT IN CONTRACT - FOR INFORMATION ONLY. KEYED NOTE ARROW POINTS TO FACE OF SIGN.		
C-05	EXISTING TREE TO REMAIN. SEE TREE PROTECTION NOTES.		
C-06	INSTALL SEATING/ACCENT BOULDER. BOULDERS SHALL RANGE IN SIZE FROM 8C.F. - 27 C.F. WITH APPROXIMATELY 1/3 8 C.F.-12 C.F., 1/3 12 C.F.-18 C.F., 1/3 18 C.F.-27 C.F.	1/LS501	
C-07	CONSTRUCT STONE EDGER.	5/LS501	
C-09	EXISTING BOULDER TO REMAIN.		
C-19	INSTALL SALVAGED LOG AT GRADE.	8/LS501	
C-20	LANDSCAPE AREA - SEE PLANTING PLAN.		
C-21	CONSTRUCT BOULDER GRADE TRANSITION.	2/LS501	
C-22	CONSTRUCT TIMBER EDGER. TIMBER SHALL BE SUBSTITUTED WITH LOG PER KEY NOTE 25, IF MATERIAL IS AVAILABLE ON SITE AND COST IS EQUAL TO OR LESS THAN USING TIMBER.	10/LS501	
C-23	CONSTRUCT BOULDER TABLE.	3/LS501	
C-24	LOOSE MATERIALS BIN. NOT IN CONTRACT. FOR INFORMATION ONLY.		
C-25	CONSTRUCT LOG EDGER.	11/LS501	
C-26	INSTALL HOLLOW LOG.	8/LS501	
C-27	CONSTRUCT STUMP SLICE WALKING SURFACE. TOP OF STUMP SLICE SHALL BE 1/2" ABOVE FINISH GRADE. DEPTH OF STUMP SLICE SHALL BE AT LEAST 4". FILL BETWEEN STUMPS W/ COMPACTED CRUSHER FINES.		
C-28	CONSTRUCT EMBEDDED PERPENDICULAR LOG WALKING SURFACE.	2/LS502	
C-29	INSTALL STEPPING STONES ON COMPACTED SUBGRADE.	4/LS501	
C-30	FURNISH AND INSTALL 4" DEPTH OF 2"- 4" ROUND COBBLE. NO FILTER FABRIC.		
C-31	CONSTRUCT EMBEDDED PARALLEL LOG WALKING SURFACE.	2/LS502	
C-32	CONSTRUCT GABION BASKET GRADE TRANSITION.	5/LS502	
C-34	CONSTRUCT STEEL VIEWING SCREEN USING 4' X 8' X 5/8" RAW STEEL. IMBED BOTTOM 18" IN 2' DEPTH 12" WIDTH CONCRETE FOOTING. FOOTING SHALL EXTEND AT LEAST 3" BEYOND EDGES OF STEEL IN ALL DIRECTIONS. COMPACT GRADE BENEATH FOOTING TO 95% STEEL PANEL SHALL BE SET LEVEL AND PLUMB. CUT-OUT PATTERN TO BE PROVIDED BY LANDSCAPE ARCHITECT.		
C-36	FURNISH AND INSTALL JAXY WTB04 NON-COIN OPERATED OUTDOOR BINOCULARS AS AVAILABLE FROM JAXY OPTICAL INSTRUMENT CO LTD, OR APPROVED EQUAL. SURFACE MOUNT ON CONCRETE PAD PER MANUFACTURER'S INSTRUCTIONS.		
C-37	CONSTRUCT VERTICAL LOG SECTIONS. VERTICAL LOGS SHALL BE 8" - 12" IN DIAMETER AND SHALL BE RANDOMLY SET AT VARYING HEIGHTS FROM 4' -8' ABOVE FINISH GRADE. FOOTING SHALL BE AT LEAST 3" WIDER THAN STUMP ON ALL SIDES. REMOVE BRANCHES, SNAGS, AND ALL LOOSE BARK FROM LOG. TOPS SHALL BE CUT ON A BIAS.		
C-41	CONSTRUCT GUIDE ROPE.	4/LS502	
C-43	INSTALL PVC CLASS 200 SDR 21 PIPE SLEEVE 18" BELOW FINISH GRADE. SOLVENT WELD ANY JOINTS. SIZE: 2". TAPE ENDS SHUT AND FLAG LOCATIONS.		

**GENERAL CONSTRUCTION NOTES**

CODE	DESCRIPTION
GC-01	STABILIZED CRUSHER FINE TRAIL SHALL BE A MINIMUM OF 6'-0" WIDE.
GC-02	CONTRACTOR SHALL FLAG TRAIL LOCATION FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
GC-03	LOGS, BRANCHES, AND STUMPS SHALL BE SALVAGED FROM SITE. CONFIRM AVAILABLE MATERIAL ON SITE WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. CITY WILL DELIVER ADDITIONAL MATERIAL IF NEEDED.
GC-04	BOULDERS SHALL BE SALVAGED FROM ON SITE. CONFIRM AVAILABLE MATERIAL WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. ADDITIONAL BOULDERS SHALL BE FURNISHED BY CONTRACTOR WITH APPROVAL OF LANDSCAPE ARCHITECT. BOULDERS SHALL NOT BE BLACK OR RED VOLCANIC LAVA ROCK.
GC-05	TRAIL EDGER STONES, COBBLE, AND ADDITIONAL BOULDERS OR STEPPING STONES MAY NOT BE RED OR BLACK VOLCANIC LAVA ROCK. CONTRACTOR SHALL FURNISH SAMPLE TO LANDSCAPE ARCHITECT FOR APPROVAL.
GC-06	CONTRACTOR SHALL LEAVE FINISH GRADE ADJACENT TO ALL TRAIL CONSTRUCTION SMOOTH, FEATHERING DISTURBED AREAS SMOOTHLY BACK INTO THE UNDISTURBED SURROUNDINGS.

CONSULTANTS

SEAL



PROJECT NAME AND ADDRESS

CUIDAD SOIL AND WATER  
CONSERVATION DISTRICT  
AND  
THE CITY OF ALBUQUERQUE

**TIJERAS BIOZONE  
ADA SENSORY TRAIL**  
15600 CENTRAL AVE SE

DATE: JUNE 19, 2024  
SUBMITTAL: 100%  
FOR CONSTRUCTION

REVISIONS

NO.	DATE	DESCRIPTION

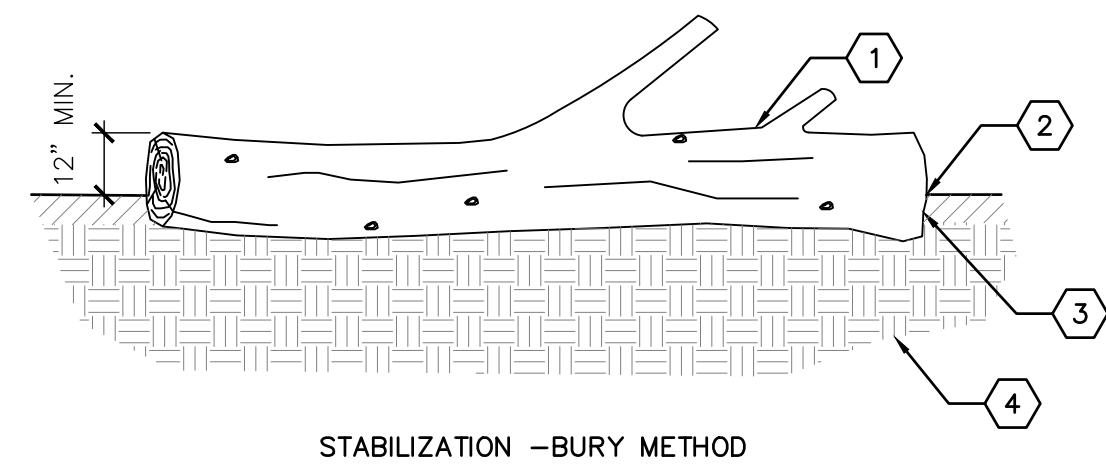
PLAND PROJECT NO 23043  
DESIGNED BY KW CHECKED BY GM  
DRAWN BY KW

SHEET TITLE

**CONSTRUCTION  
DETAILS**

SHEET NUMBER

LS501



**KEYED NOTES**

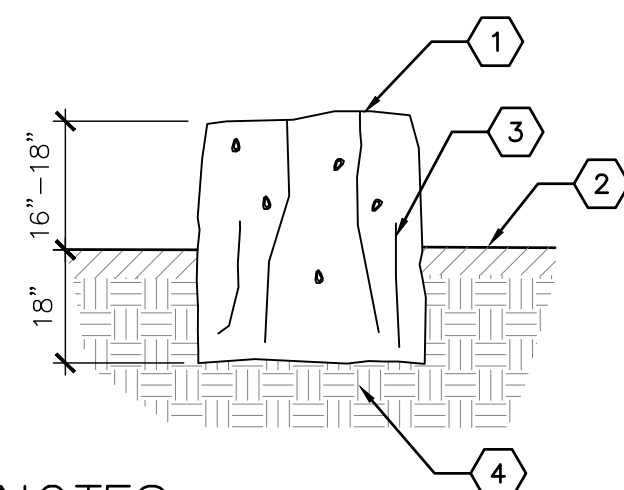
- NATURAL WOOD LOG - SEE GENERAL CONSTRUCTION NOTE GC-03.
- MATERIAL VARIES - SEE PLAN.
- BURY LOG TO SUFFICIENT DEPTH TO STABILIZE WITH NO MOVEMENT. IF NECESSARY TO REDUCE MOVEMENT, CUT LOG. LOG SHALL BE AT LEAST 6'-0" IN LENGTH.
- 95% COMPACTED SUBGRADE.

**GENERAL NOTES**

- REMOVE LOOSE BARK, BRANCHES SMALLER THAN 4" DIAMETER, AND SPLINTERS FROM LOG.
- ROUGHLY SMOOTH LOG TO REMOVE ANY SHARP PROTRUSIONS AND SNAGS.

**8 LOG INSTALLED AT GRADE**

NOT TO SCALE



**KEYED NOTES**

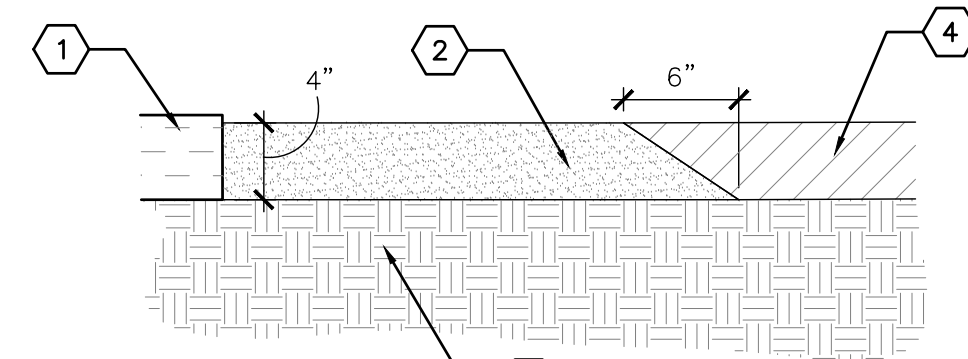
- NATURAL WOOD STUMP - 12"-24" DIAMETER. SEE GENERAL CONSTRUCTION NOTE GC-03.
- FINISH GRADE - MATERIAL VARIES - SEE PLAN.
- PLACE STUMP W/ WIDEST END DOWN.
- 95% COMPACTED SUBGRADE.

**GENERAL NOTES**

- REMOVE LOOSE BARK, BRANCHES, SNAGS AND SHARP SPLINTERS FROM STUMP.
- ROUGHLY SMOOTH TOP OF STUMP TO REMOVE ANY SHARP PROTRUSIONS AND SNAGS.

**9 FIXED-IN-PLACE STUMP**

NOT TO SCALE



**KEYED NOTES**

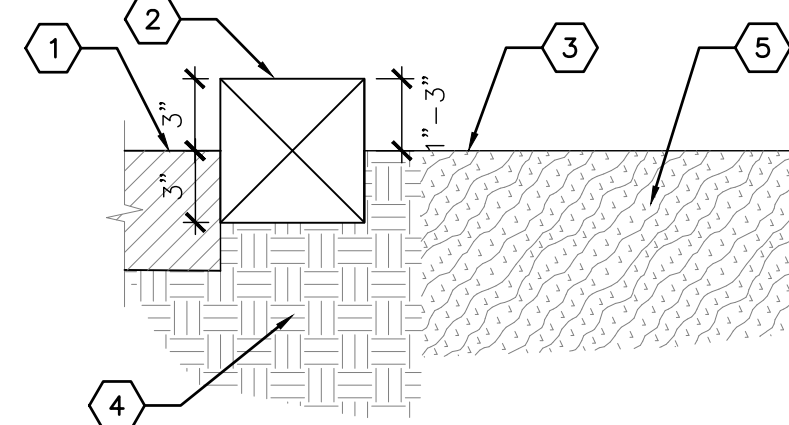
- EDGER VARIES - SEE PLAN
- 4"-DEPTH CRUSHER FINES, COMPACTED TO 95%
- 95% COMPACTED SUBGRADE.
- UNDISTURBED SOIL. PUSH BACK OVER TAPERED EDGE AFTER INSTALLATION.

**GENERAL NOTES**

- REFER TO CONSTRUCTION PLAN FOR CRUSHER FINES COLOR.
- CRUSHER FINES SHALL BE MIXED WITH ORGANIC LOCK STABILIZER, OR APPROVED EQUAL, PER MANUFACTURER'S INSTRUCTIONS.
- CRUSHER FINES SHALL BE INSTALLED IN 2" LIFTS. ROLL AND COMPACT WITH MOISTURE AFTER EACH LIFT.

**7 STABILIZED CRUSHER FINES**

NOT TO SCALE



**KEYED NOTES**

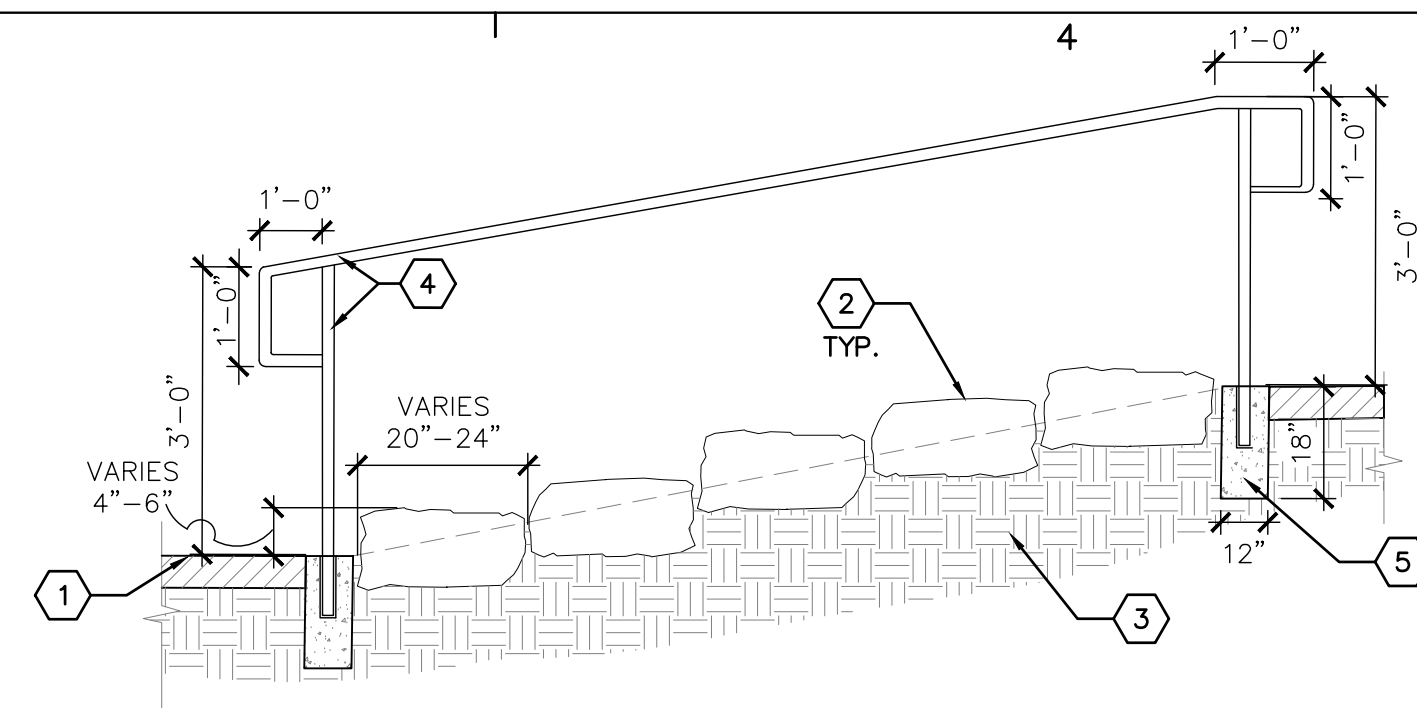
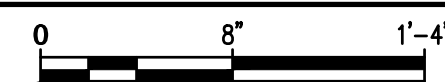
- STABILIZED CRUSHER FINES - SEE PLAN.
- 6" X 6" CEDAR TIMBER @ 8' AND 4' LENGTHS.
- FINISH GRADE.
- 95% COMPACTED SUBGRADE.
- EXISTING UNDISTURBED SOIL.

**GENERAL NOTES**

- TIMBER SHALL NOT BE PRESSURE TREATED.
- 8' TIMBER LENGTHS SHALL BE USED ALONG STRAIGHT EDGES. 4' TIMBER LENGTHS SHALL BE USED AT TURNS IN TRAIL. ADDITIONAL LENGTHS BETWEEN 8' AND 4' MAY BE USED.

**10 TIMBER EDGER**

1 1/2" = 1'-0"



**KEYED NOTES**

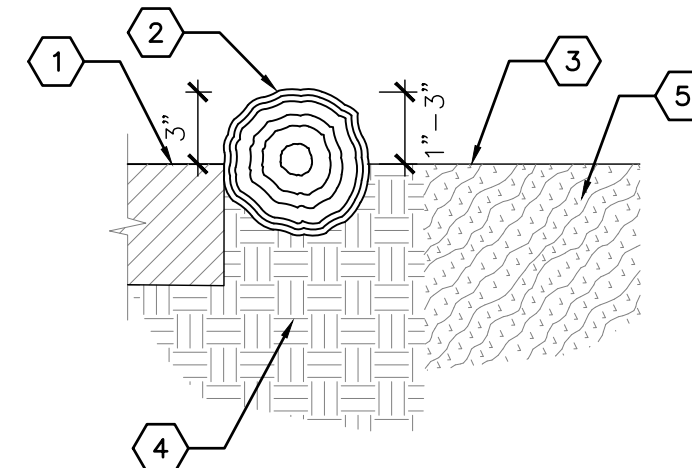
- FINISH GRADE.
- STONE STEPS - SEE GENERAL NOTE A.
- 95% COMPACTED SUBGRADE
- 1 1/2" DIAMETER STEEL PIPE.
- 3000 PSI CONCRETE FOOTING.

**GENERAL NOTES**

- STONE SHALL BE SANDSTONE SLABS, AS AVAILABLE FROM NEW MEXICO TRAVERTINE (505-864-6300), OR APPROVED EQUAL.
- WELD AND GRIND SMOOTH ALL JOINTS ON HANDRAIL. LEAVE STEEL FINISH NATURAL WITH NO PRIMER OR PAINT.
- RISER HEIGHTS SHALL BE THE SAME TO A TOLERANCE OF 1/2".
- NUMBER OF STEPS SHALL BE THE QUANTITY REQUIRED TO GET FROM FINISH GRADE AT BOTTOM OF STEPS TO FINISH GRADE AT TOP OF STEPS AT TREAD AND RISER DIMENSIONS NOTED ABOVE.

**6 STONE STEPS AND HANDRAIL**

1/2" = 1'-0"



**KEYED NOTES**

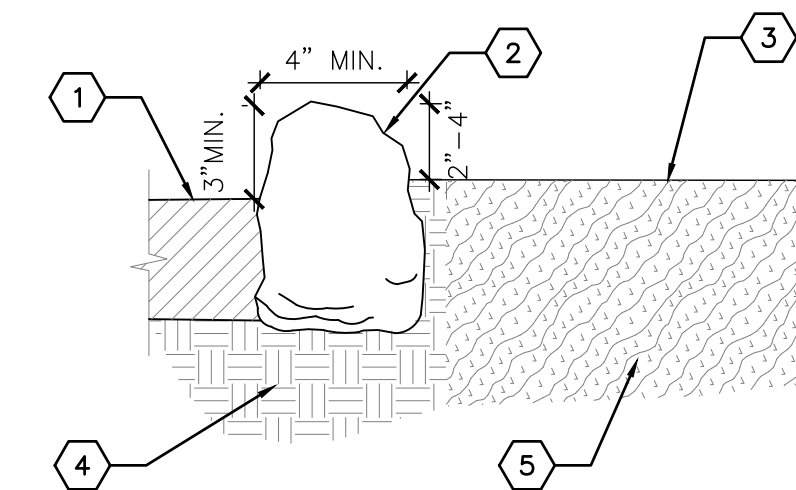
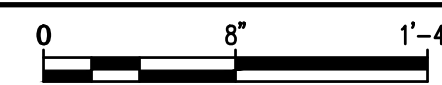
- STABILIZED CRUSHER FINES - SEE PLAN.
- 6"-10" DIAMETER LOG OR BRANCH, SEE GENERAL CONSTRUCTION NOTE GC-03.
- FINISH GRADE.
- 95% COMPACTED SUBGRADE.
- EXISTING UNDISTURBED SOIL.

**GENERAL NOTES**

- REMOVE BRANCHES, SHARP PROTRUSIONS, AND SNAGS FROM LOG

**11 LOG EDGER**

1 1/2" = 1'-0"

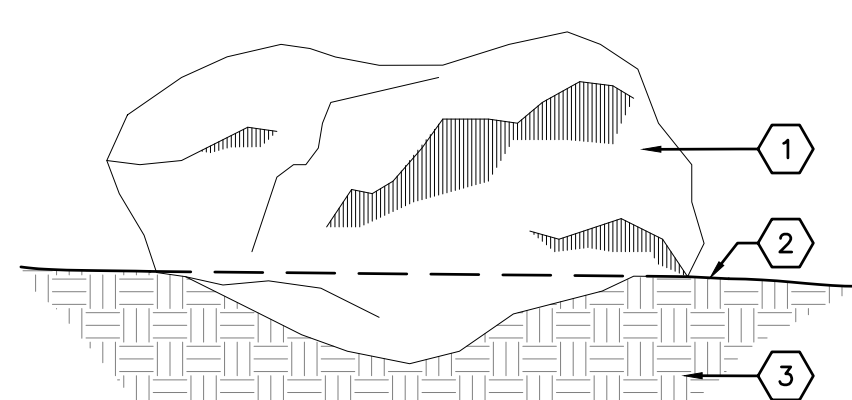
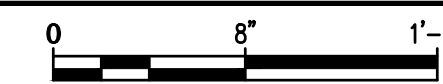


**KEYED NOTES**

- STABILIZED CRUSHER FINES - SEE PLAN.
- APPROX. 4"x10" ROCK SALVAGED FROM SITE, OR AS AVAILABLE FROM LOCAL SUPPLIER. SEE GENERAL CONSTRUCTION NOTE GC-05.
- FINISH GRADE.
- 95% COMPACTED SUBGRADE.
- EXISTING UNDISTURBED SOIL.

**5 STONE EDGER**

1 1/2" = 1'-0"



**KEYED NOTES**

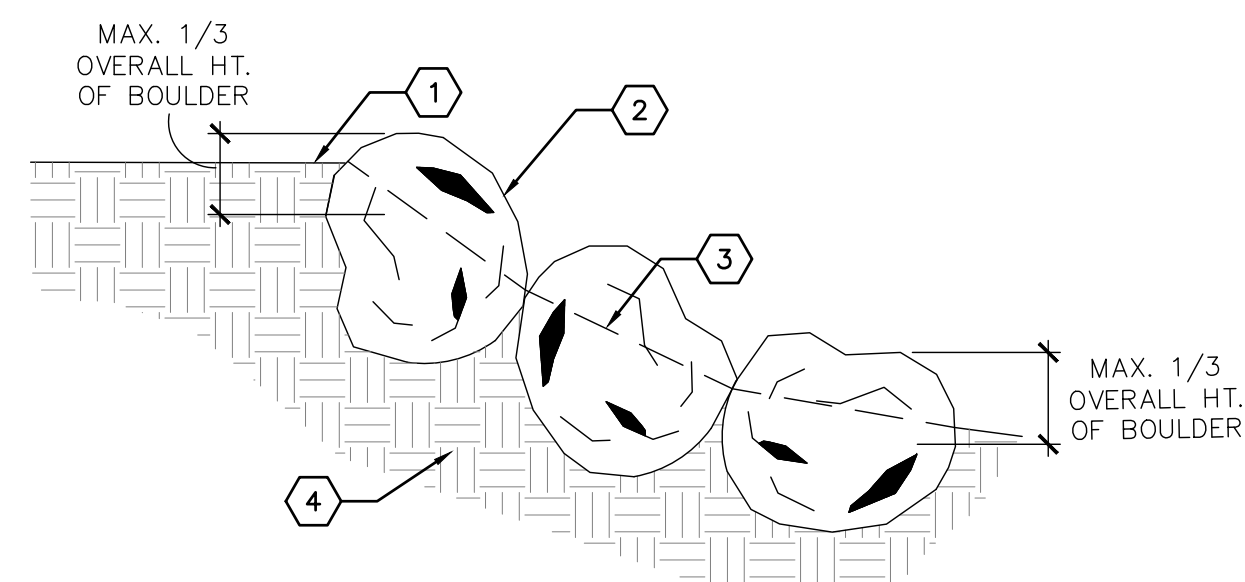
- BOULDER. SEE GENERAL CONSTRUCTION NOTE GC-04.
- FINISH GRADE - SEE PLAN.
- 95% COMPACTED SUBGRADE.

**GENERAL NOTES**

- 1/4 TO 1/3 OF BOULDER SHALL BE BURIED BELOW FINISH GRADE.

**1 ACCENT/SEATING BOULDER**

NOT TO SCALE

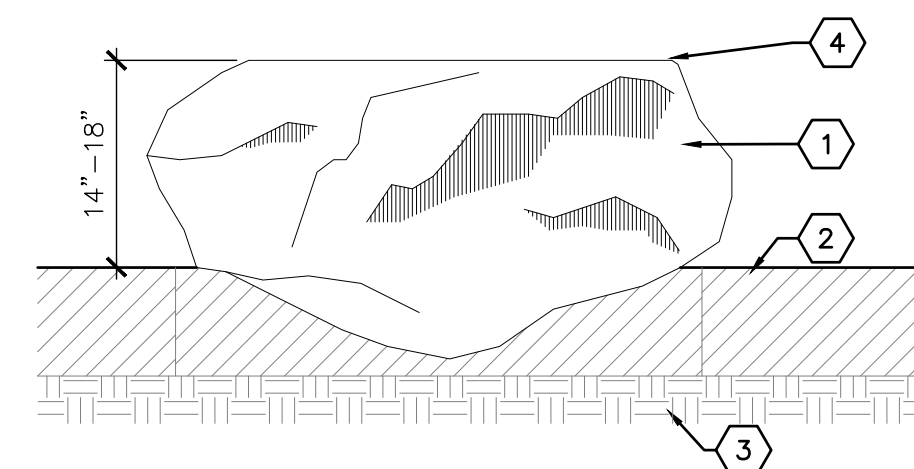


**KEYED NOTES**

- MATERIAL VARIES - SEE PLAN.
- BOULDERS. AVERAGE SIZE SHALL BE 12 CUBIC FEET. QUANTITY WILL VARY AS NEEDED TO ACCOMMODATE GRADE TRANSITION. SEE GENERAL CONSTRUCTION NOTE GC-04.
- SLOPE VARIES - SEE GRADING PLAN.
- 95% COMPACTED SUBGRADE.

**2 BOULDER GRADE TRANSITION**

1/2" = 1'-0"



**KEYED NOTES**

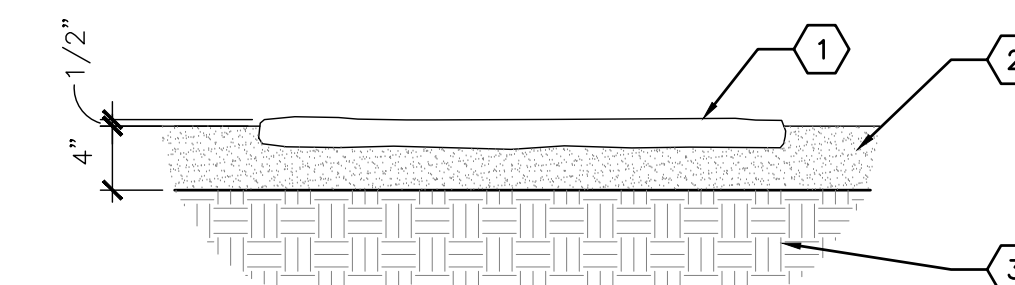
- BOULDER. APPROXIMATELY 18 CF.
- SURFACE VARIES - SEE PLAN.
- 95% COMPACTED SUBGRADE.
- SAWCUT TOP TO BE PARALLEL WITH LEVEL GROUND PLANE.

**GENERAL NOTES**

- 1/4 TO 1/2 OF BOULDER SHALL BE BURIED BELOW FINISH GRADE.

**3 BOULDER TABLE**

NOT TO SCALE



**KEYED NOTES**

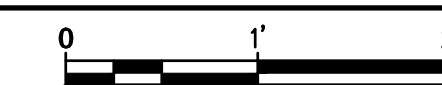
- 2" THICK FLAGSTONE PAVES - MINIMUM SIZE 1'-0" X 1'-0".
- 4" DEPTH COMPACTED CRUSHER FINES - SAME COLOR AS TRAIL.
- 95% SUBGRADE COMPACTED.

**GENERAL NOTES**

- FLAGSTONE SAMPLE SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

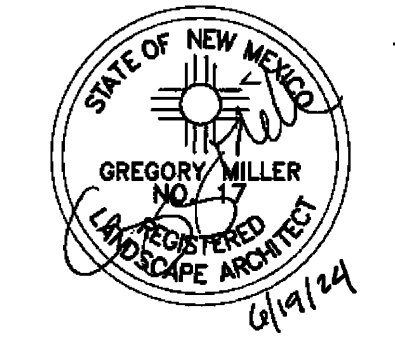
**4 STEPPING STONE**

1" = 1'-0"



CONSULTANTS

SEAL



PROJECT NAME AND ADDRESS

CUIDAD SOIL AND WATER  
CONSERVATION DISTRICT  
AND  
THE CITY OF ALBUQUERQUE

**TIJERAS BIOZONE  
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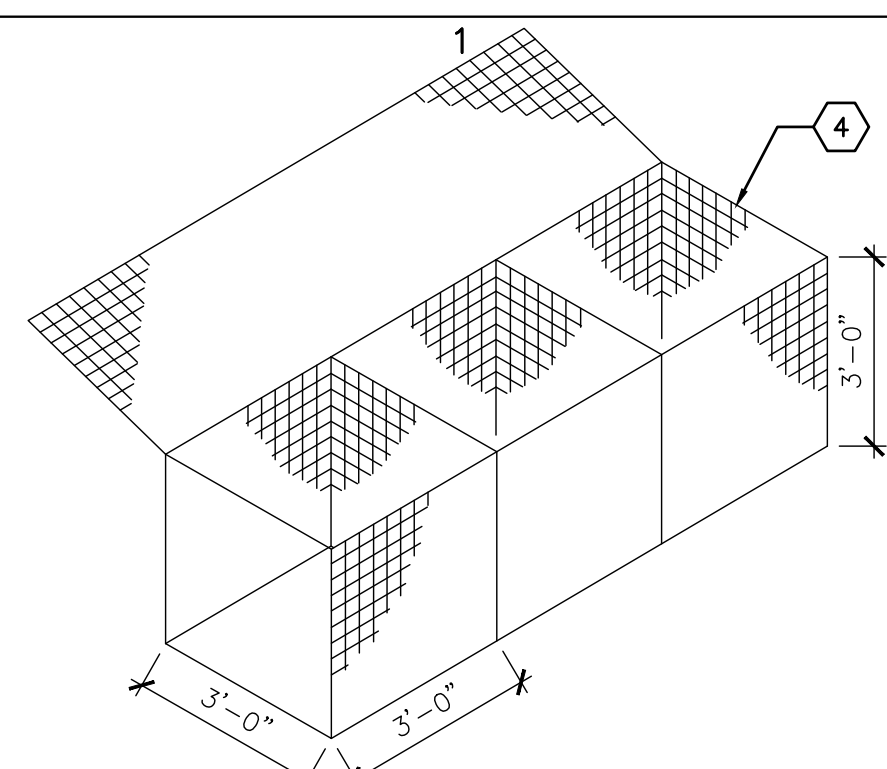
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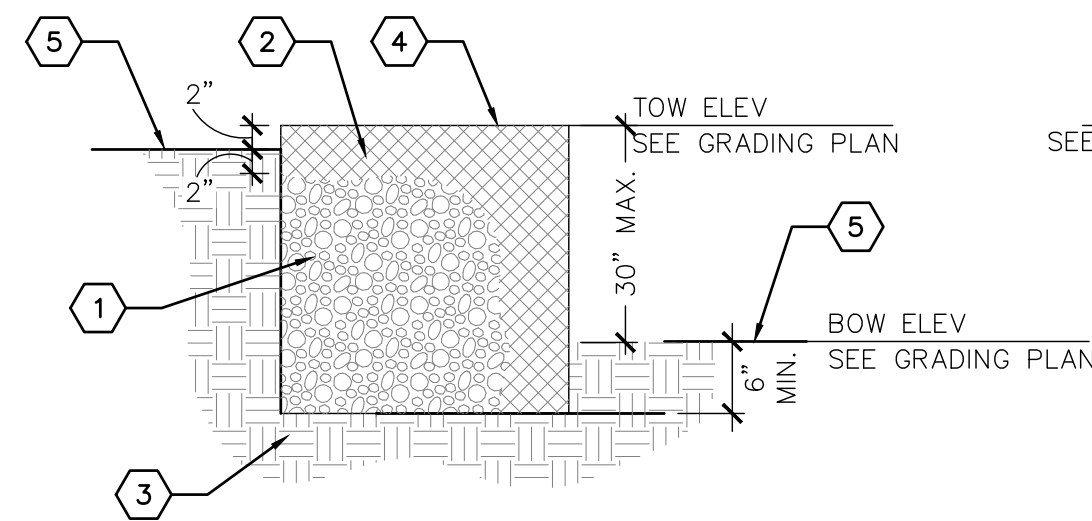
**CONSTRUCTION  
DETAILS**

SHEET NUMBER

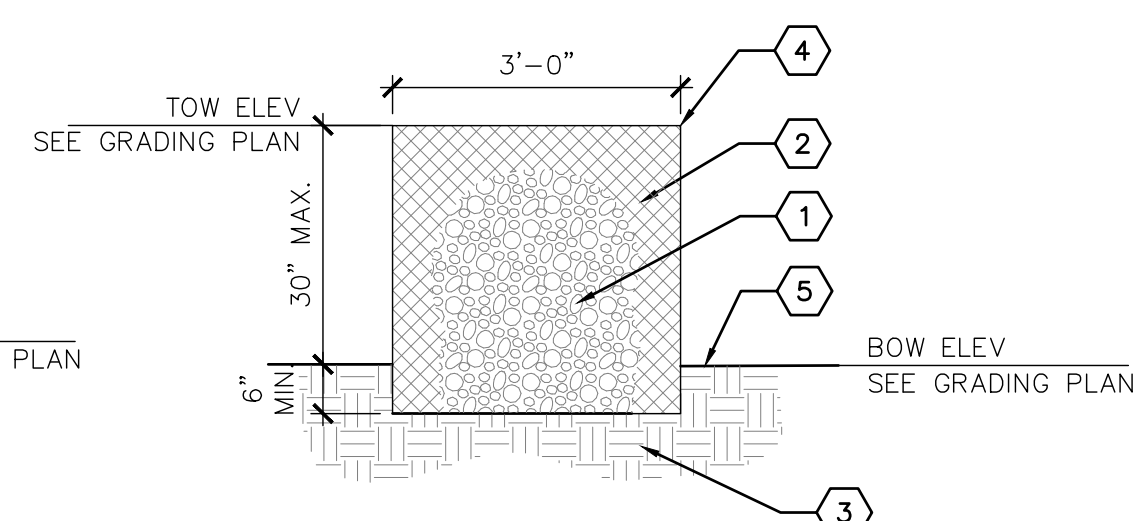
LS502



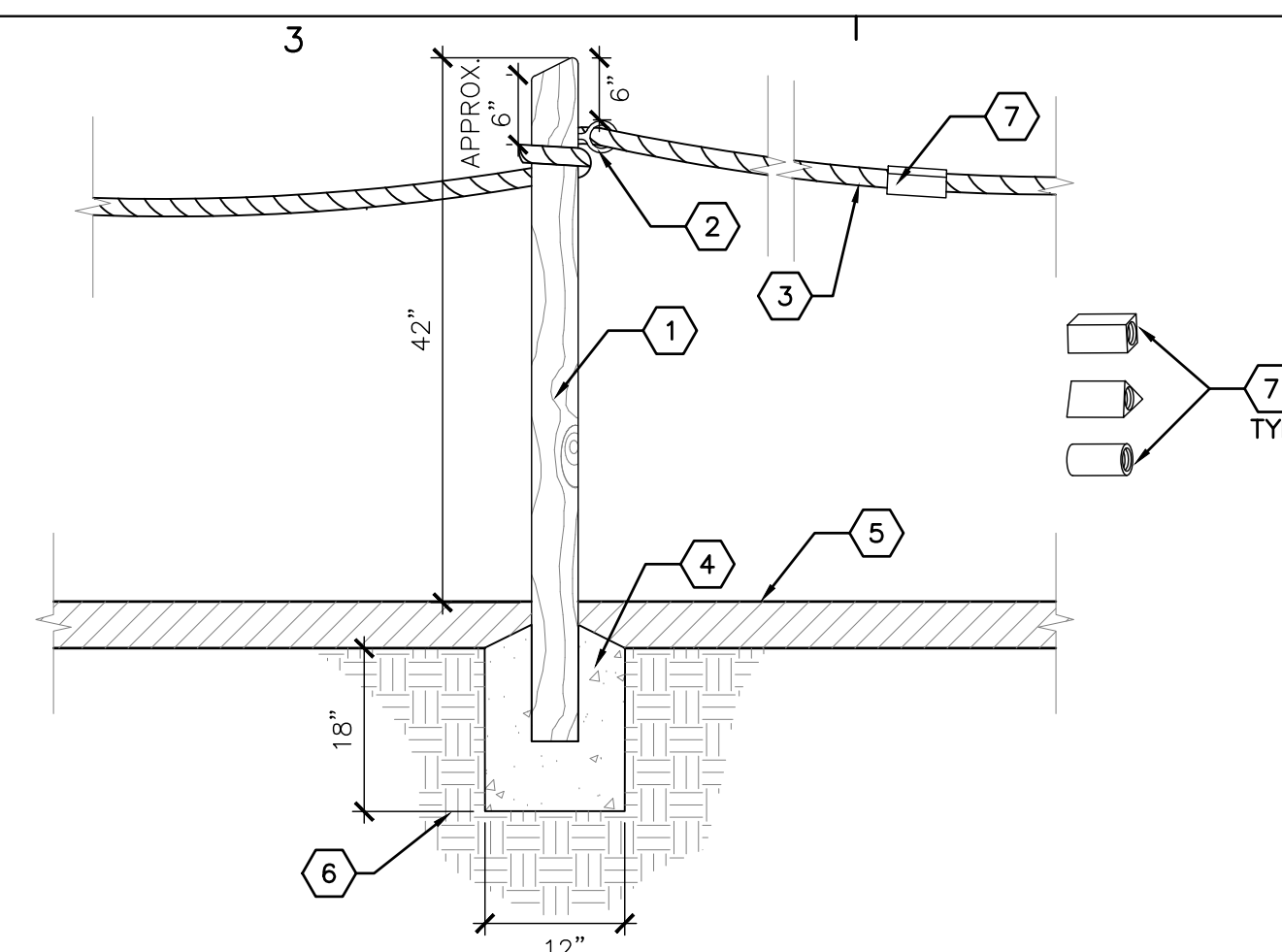
GABION ISOMETRIC



RETAINING GABION WALL SECTION



FREESTANDING GABION WALL SECTION

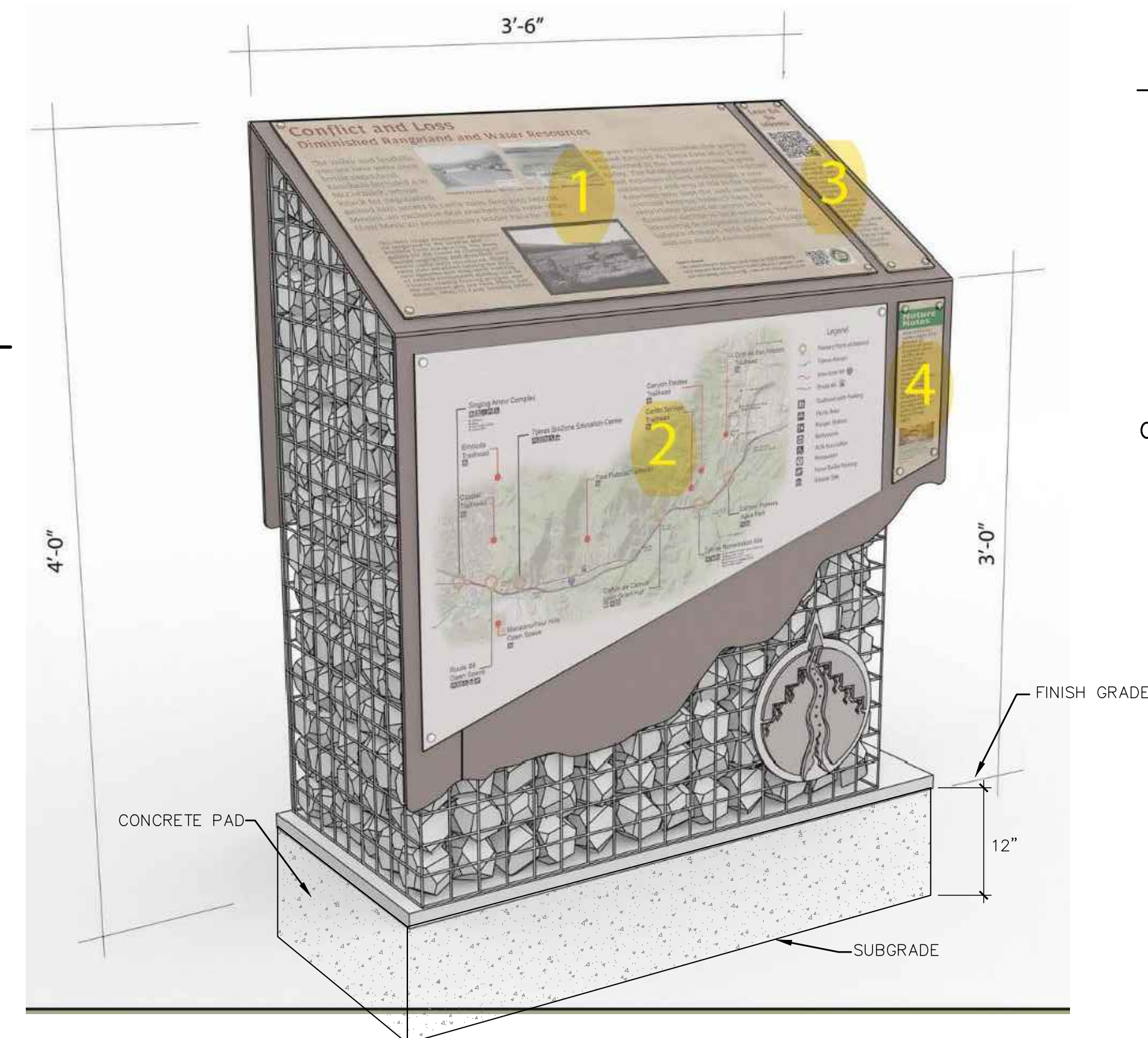


**KEYED NOTES**

- 4" X 4" CEDAR POST. TOP SHALL BE BIAS CUT.
- 2" DIAMETER EYELET X 2.5" COARSE-THREAD SHANK EYE BOLT
- 1 1/2" DIAMETER BRAIDED MANILA OR JUTE ROPE
- 3000 PSI CONCRETE FOOTING
- FINISH GRADE
- COMPACTED SUBGRADE
- TACTILE BLOCK WITH 2" DIAMETER HOLE CORE DRILLED END TO END - SHAPE AND SIZE MAY VARY. ONE BLOCK BETWEEN EACH POST. SURFACE AND EDGES SHALL BE SANDED SMOOTH AND FINISHED WITH LINSEED OIL.

**4 GUIDE ROPE**

3/4" = 1'-0"



**3 TIJERAS CULTURAL CORRIDOR INTERPRETIVE SIGN**

NOT TO SCALE

**KEYED NOTES**

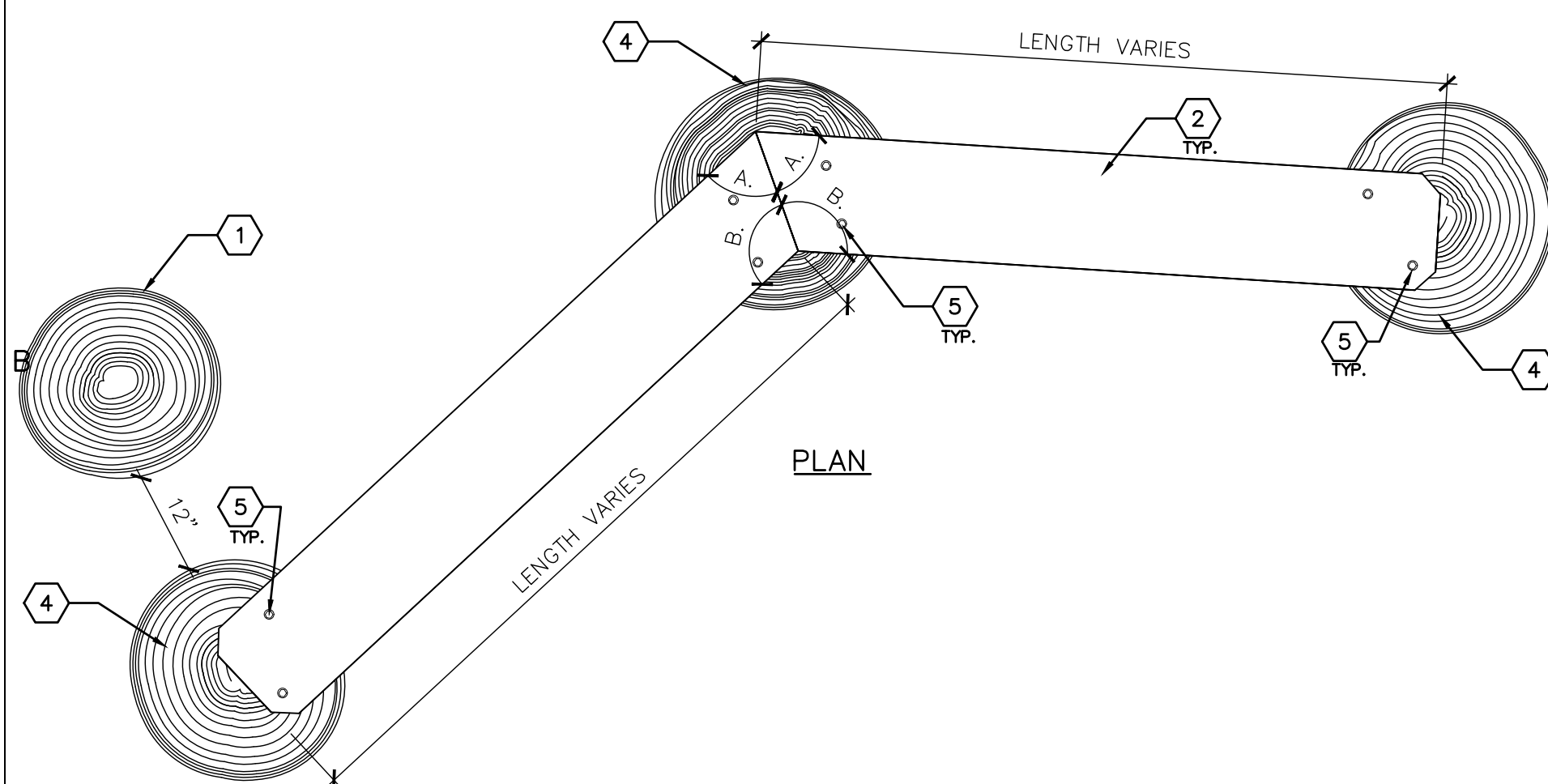
- STEP STUMP, 12"-24" DIAMETER. SEE GENERAL CONSTRUCTION NOTE GC-03.
- 2" X 10" X 12' YELLOW PINE SCAFFOLDING PLANK.
- FINISH GRADE - MATERIAL VARIES - SEE PLAN.
- NATURAL WOOD STUMP 18"-24" DIAMETER. SEE GENERAL CONSTRUCTION NOTE GC-03.
- 3/4" HEAD X 6" LENGTH GALVANIZED LAG BOLT.
- SUBGRADE COMPACTED TO 95%.

**GENERAL NOTES**

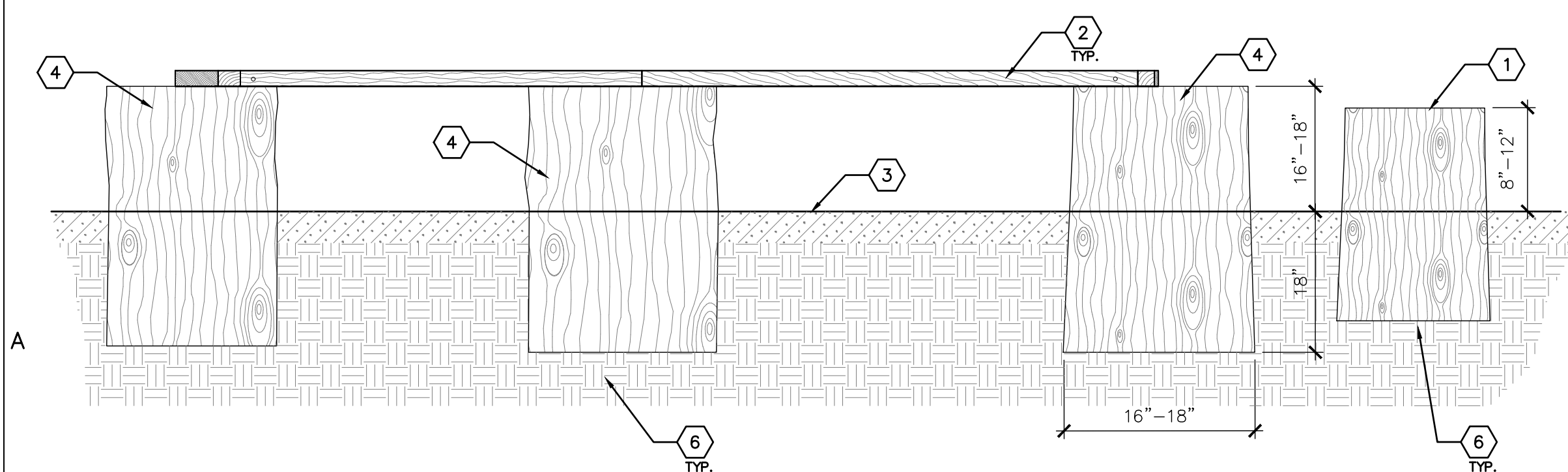
- REMOVE LOOSE BARK, SPLINTERS, SNAGS, AND BRANCHES FROM STUMP.
- ROUGHLY SMOOTH STUMP TO REMOVE SHARP PROTRUSIONS.
- COUNTERSINK LAG BOLT HEADS IN 1" WIDTH X 3/4" DEPTH HOLE.
- CUT PLANK ALONG LENGTH AND FLIP ONE HALF TO ACCOMPLISH ANGLE CHANGE BETWEEN STUMPS. ANGLES A. AND B. WILL VARY, BUT THEIR SUM WILL ALWAYS EQUAL 180 DEGREES.

**5 GABION WALL DETAILS**

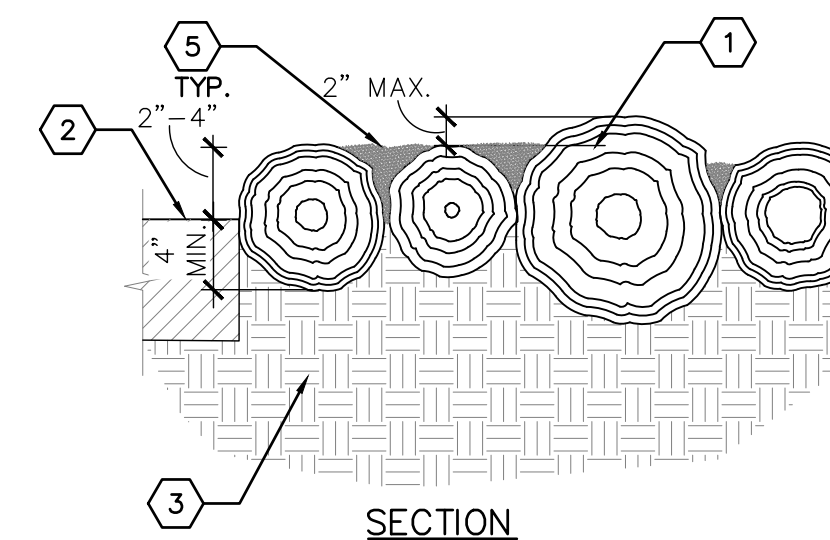
NOT TO SCALE



PLAN



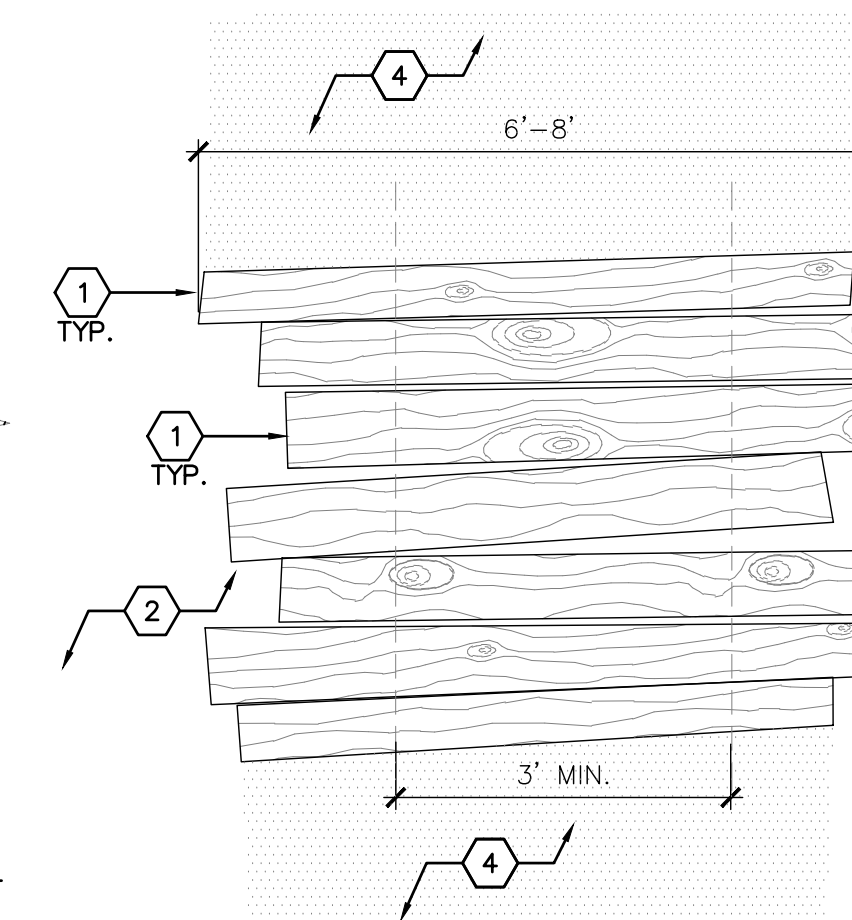
ELEVATION



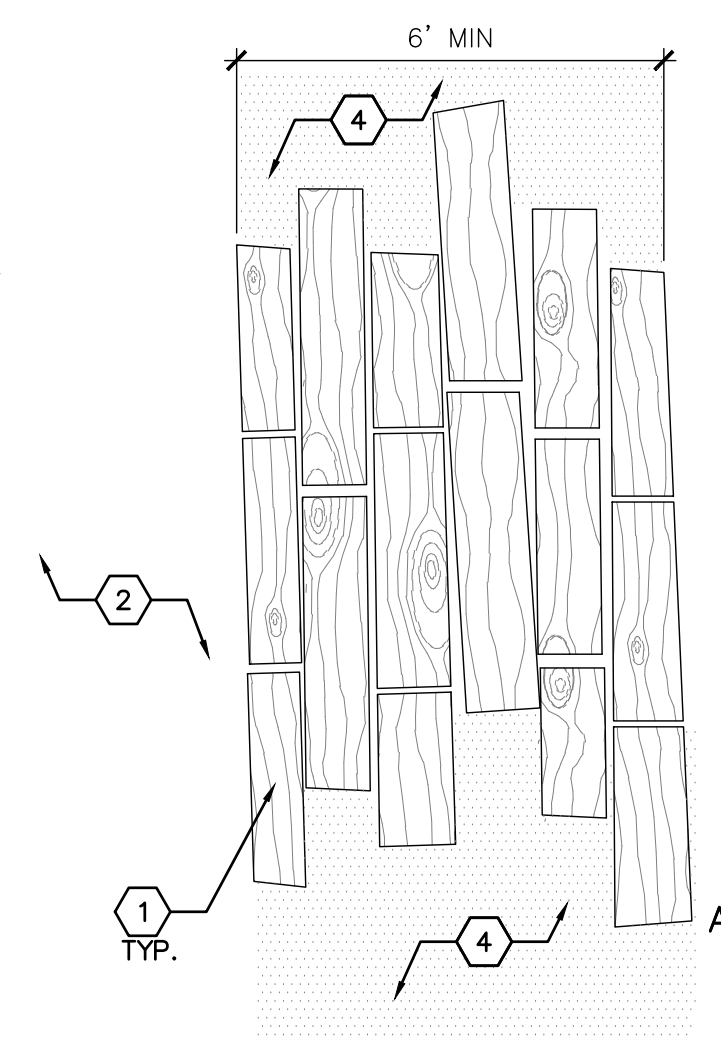
SECTION

**KEYED NOTES**

- 8"-18" DIAMETER LOGS. REMOVE ALL BRANCHES, SNAGS, AND LOOSE BARK. SEE GENERAL CONSTRUCTION NOTE GC-03.
- FINISH GRADE. SURFACE VARIES. SEE PLANS.
- COMPACTED SUBGRADE.
- STABILIZED CRUSHER FINE TRAIL.
- CRUSHER FINES.



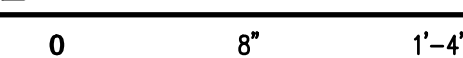
PERPENDICULAR PLAN  
(NOT TO SCALE)



PARALLEL PLAN  
(NOT TO SCALE)

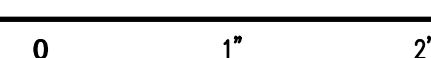
**2 EMBEDDED PERPENDICULAR AND PARALLEL LOG WALKING SURFACE**

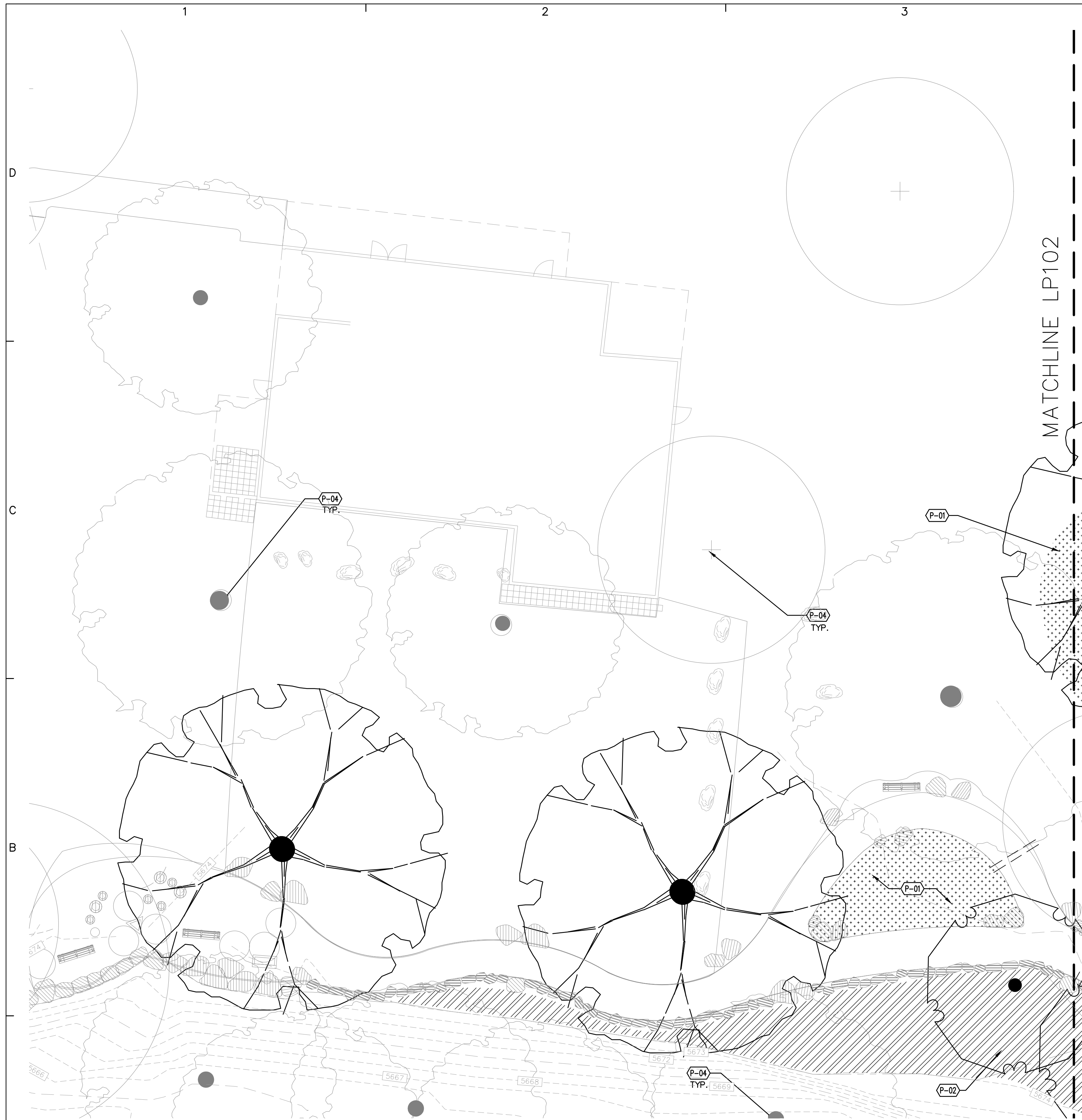
1 1/2" = 1'-0"



**1 PLANK AND STUMP ENGAGEMENT FEATURE**

3/4" = 1'-0"





PLANT SCHEDULE

SYMBOL	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONTAINER	HT.	SPD.	INSTALLED
<b>TREES</b>								
	AG	2	BIGTOOTH MAPLE	ACER GRANDIDENTATUM	B&B	15'	15'	
	AN	7	BOX ELDER	ACER NEGUNDO	B&B	25'	25'	
	CB	4	BUBBA DESERT WILLOW	CHILOPSIS LINEARIS 'BUBBA'	B&B	20'	18'	
	SG	10	GOODDING'S WILLOW	SALIX GOODINGII	B&B	30'	30'	
	CR	5	NETLEAF HACKBERRY	CELTIS RETICULATA	B&B	12'	12'	
	FN	5	NEW MEXICO PRIVET	FORESTIERA NEOMEXICANA	B&B	15'	15'	
	JS2	3	ONESEED JUNIPER	JUNIPERUS MONOSPERMA	B&B	18'	20'	
	PF	10	RIO GRANDE COTTONWOOD	POPULUS FREMONTII WISLIZENI	B&B	55'	55'	
	JS	6	ROCKY MOUNTAIN JUNIPER	JUNIPERUS SCOPULORUM	B&B	20'	20'	
	QT	10	SONORAN SCRUB OAK	QUERCUS TURBINELLA	B&B	15'	15'	
<b>SHRUBS</b>								
	PA	8	AMERICAN PLUM	PRUNUS AMERICANA	5 GAL.	6'	6-10'	5 GAL.
	BC2	1	BRICKELLBUSH (TASSELFLOWER)	BRICKELLIA GRANDIFLORA	5 GAL.	3'	3'	5 GAL.
	PC	7	CHOCHECHERRY	PRUNUS VIRGINIANA	5 GAL.	10-15'	6-10'	
	WS	3	DESERT MULE EARS	WYETHIA SCABRA	1 GAL.	2'-6"	3'	
	AF	8	FALSE INDIGO	AMORPHA FRUTICOSA	5 GAL.	6'	6'	
	RG	4	GOLDEN CURRANT	RIBES AUREUM	5 GAL.	4-6'	4-6'	5 GAL.
	PL	2	LITTLELEAF MOCKORANGE	PHILADELPHUS MICROPHYLLUS	5 GAL.	4-6'	4-6'	5 GAL.
	EE	1	MA HUANG	EPHEDRA EQUISETINA	5 GAL.	4'	4-6'	5 GAL.
	EN	2	RUBBER RABBITBRUSH	ERICAMERIA NAUSEOSA	5 GAL.	5'	5-7'	5 GAL.
	AF2	1	SAND SAGEBRUSH	ARTEMISIA FILIFOLIA	5 GAL.	4'	5-7'	5 GAL.
	KL	3	WINTERFAT	KRASCHENINNIKOVIA CERATOIDES LANATA	5 GAL.	3'	3-5'	5 GAL.
<b>GRASSES</b>								
	SW	7	BIG SACATON	SPOROBOLUS WRIGHTII	5 GAL.	8'	6-8'	5 GAL.
	BG	3	BLUE GRAMA GRASS	BOUTELOUA GRACILIS	1 GAL.	1'-6"	2'	1 GAL.
	SL	11	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	1 GAL.	2'-6"	2'-6"	1 GAL.
	MP	1	PURPLE MUHLY	MUHLENBERGIA RIGIDA	5 GAL.	4-6'	4-6'	5 GAL.
<b>PERENNIALS</b>								
	MB	6	BERGAMOT	MONARDA FISTULOSA	1 GAL.	2'	2'	1 GAL.
	BL	6	CHOCOLATE DAISY	BERLANDIERA LYRATA	1 GAL.	1'-6"	2'-6"	
	AC4	4	NODDING ONION	ALLIUM CERNUUM	1 GAL.	1'-6"	1'-6"	
	ES	5	SULFURFLOWER BUCKWHEAT	ERIOGONUM UMBELLATUM	1 GAL.	1'-6"	1'-6"	1 GAL.
	AC3	5	TEXAS HUMMINGBIRD MINT	AGASTACHE CANA	1 GAL.	2'	2'-6"	
	AR	6	THREADLEAF HYSSOP	AGASTACHE RUPESTRIS	1 GAL.	2'-6"	2'-6"	1 GAL.

CONSULTANTS

SEAL

**FOR INFORMATION ONLY  
(NOT IN CONTRACT)**

PROJECT NAME AND ADDRESS

CUIDAD SOIL AND WATER  
CONSERVATION DISTRICT  
AND  
THE CITY OF ALBUQUERQUE

**TIJERAS BIOZONE  
ADA SENSORY TRAIL**  
15600 CENTRAL AVE SE

DATE: JUNE 19, 2024  
SUBMITTAL: 100%  
FOR CONSTRUCTION

REVISIONS		
NO.	DATE	DESCRIPTION

PLAND PROJECT NO 23043  
DESIGNED BY KW CHECKED BY GM  
DRAWN BY KW

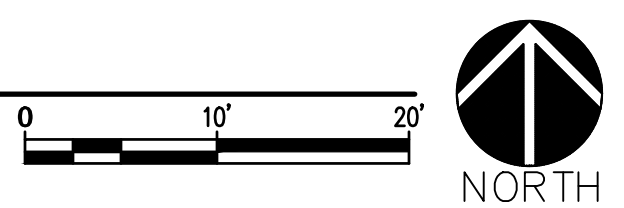
SHEET TITLE

**PLANTING PLAN**

SHEET NUMBER

**LP101**

**A** PLANTING PLAN  
SCALE: 1"=10'-0"



SEE LP102 FOR GENERAL PLANTING NOTES

SEE LP103 FOR SEED MIX.

PLANTING KEYED NOTES

CODE	DESCRIPTION
P-01	FOOTHILLS SEED MIX.
P-02	STREAMBANK SEED MIX
P-04	EXISTING TREE TO REMAIN

CONSULTANTS

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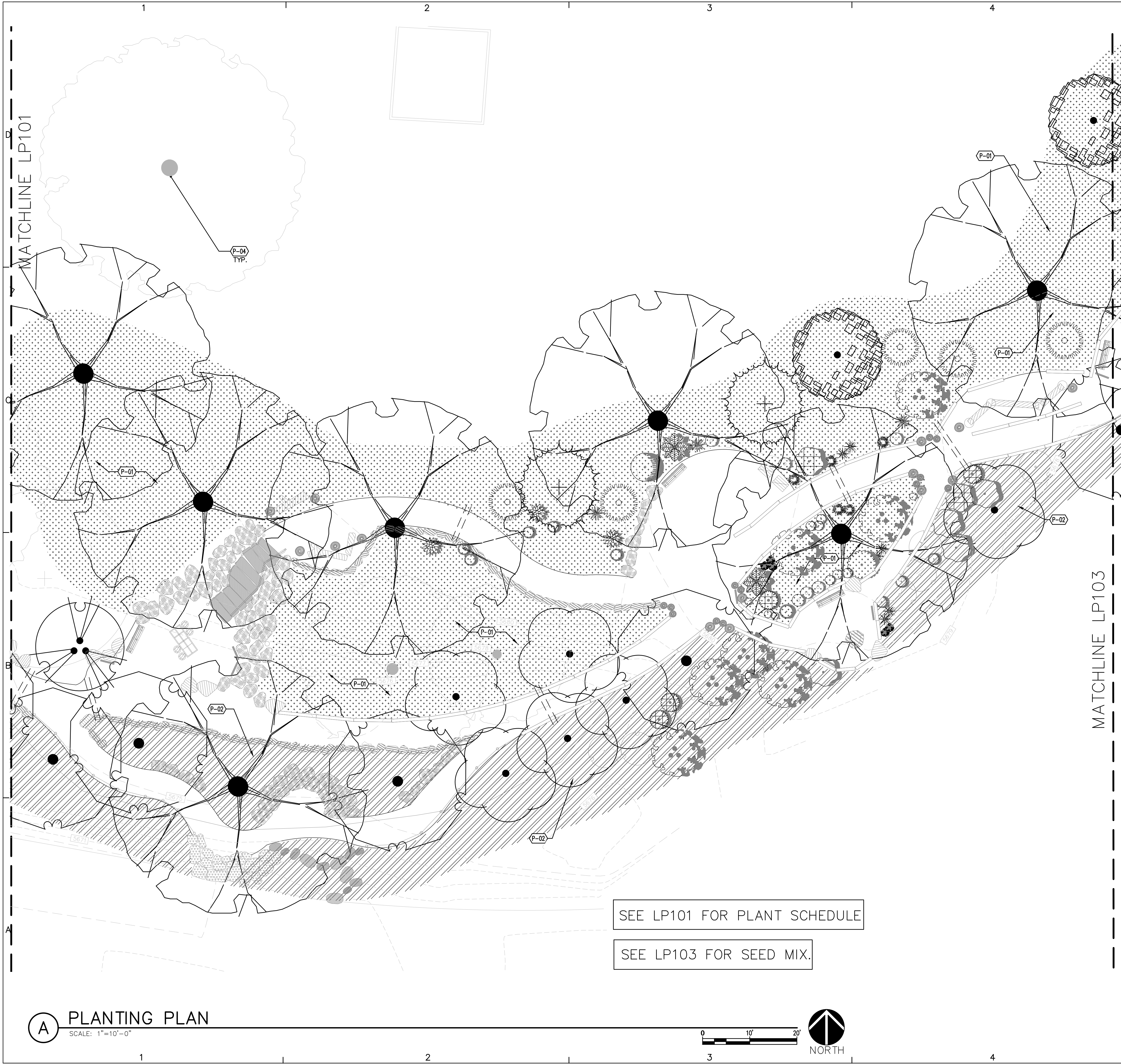
PLAND PROJECT NO 23043  
DESIGNED BY KW CHECKED BY GM  
DRAWN BY KW

SHEET TITLE

**PLANTING PLAN**

SHEET NUMBER

**LP102**



**PLANTING KEYED NOTES**

CODE	DESCRIPTION
P-01	FOOTHILLS SEED MIX.
P-02	STREAMBANK SEED MIX
P-04	EXISTING TREE TO REMAIN

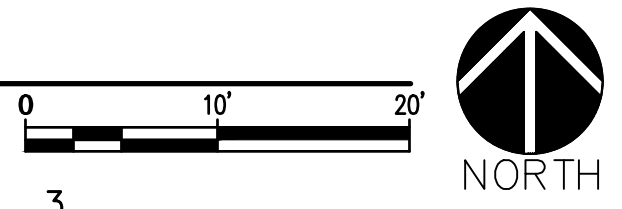
**GENERAL PLANTING NOTES**

A. TREES SHALL BE INSTALLED PER DETAIL: 1/LP103.  
 B. SHRUBS SHALL BE INSTALLED PER DETAIL: 2/LP103.  
 C. INSTALL 6" DIAMETER WOOD MULCH TREE RINGS AT ALL NEW TREES PLANTED IN REVEGETATION SEEDING. INSTALL 3" DIAMETER WOOD MULCH RING AT ALL NEW SHRUBS PLANTED IN REVEGETATION SEEDING. TREE AND SHRUB RINGS ARE NOT SHOWN FOR GRAPHIC CLARITY.

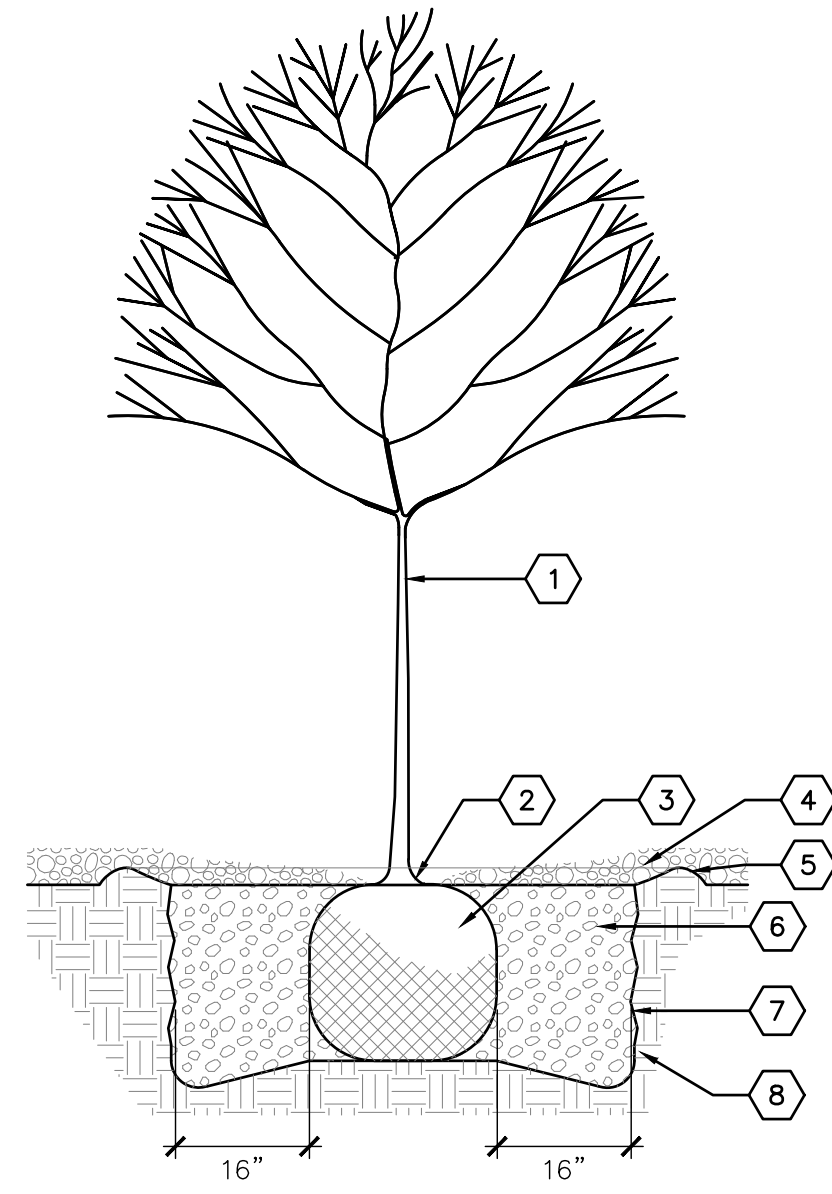
SEE LP101 FOR PLANT SCHEDULE

SEE LP103 FOR SEED MIX.

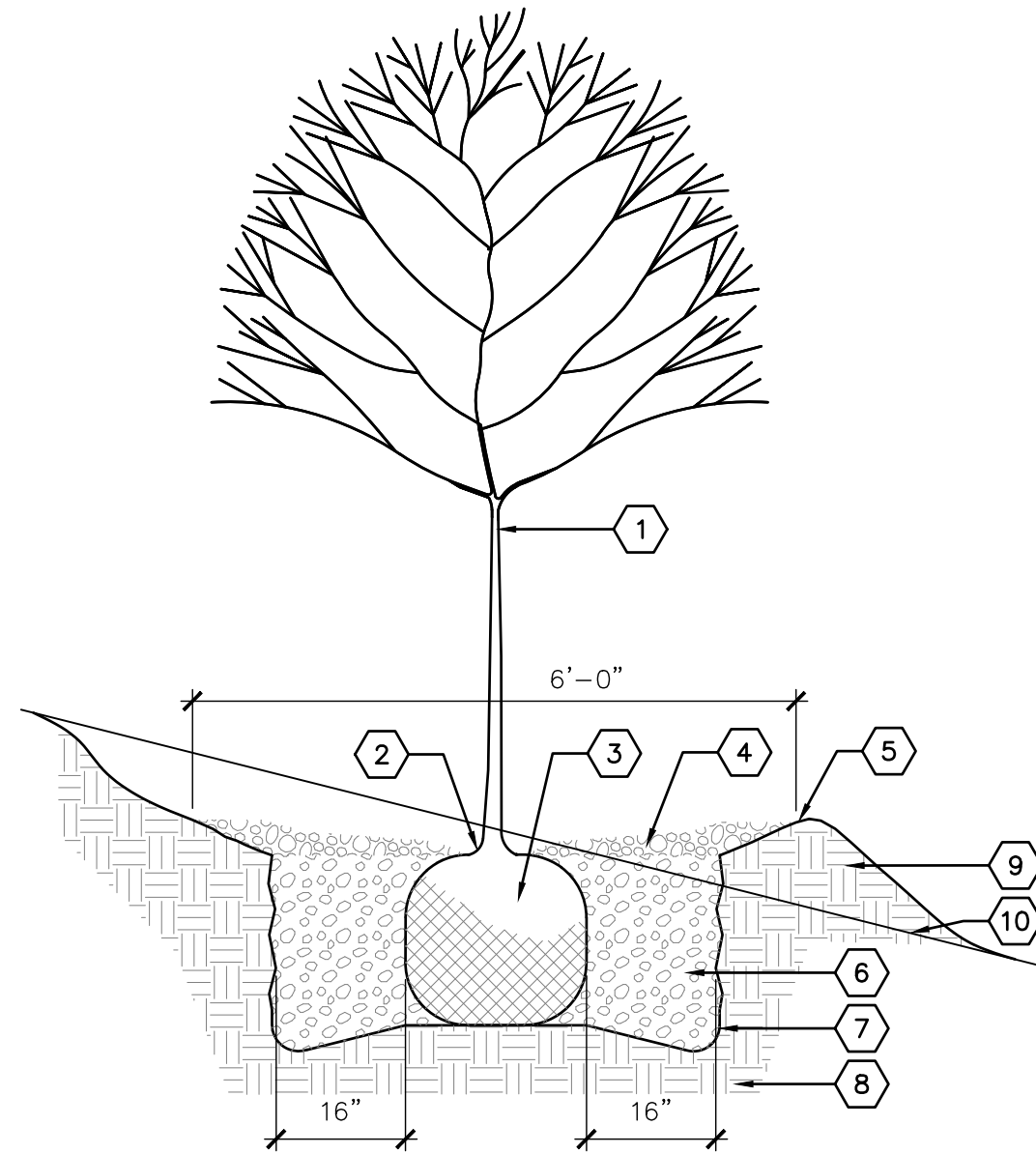
**A PLANTING PLAN**  
SCALE: 1"=10'-0"



MATCHLINE LP102



TREE PLANTING

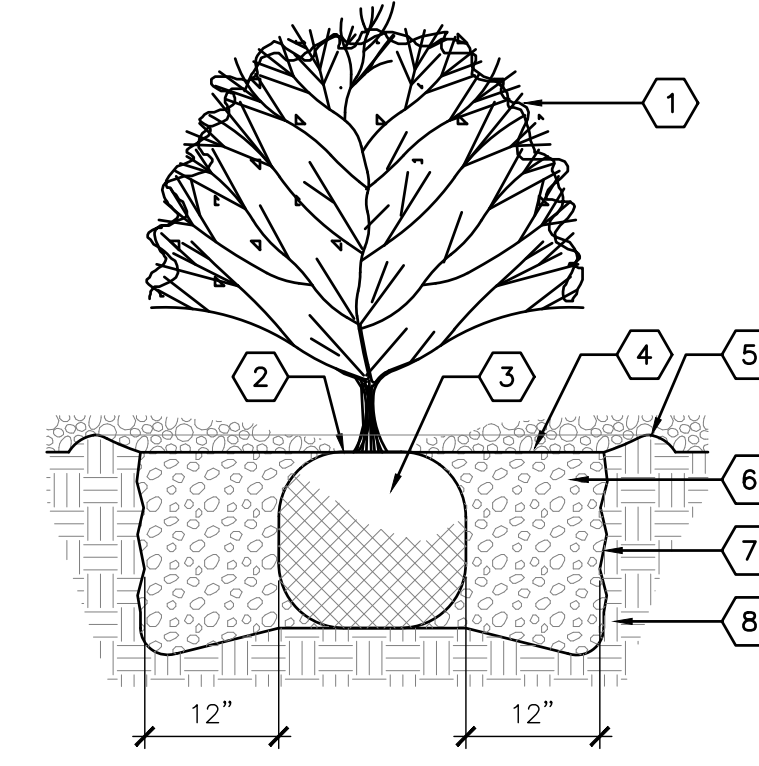


TREE PLANTING ON SLOPE

**1 TREE PLANTING**  
NOT TO SCALE

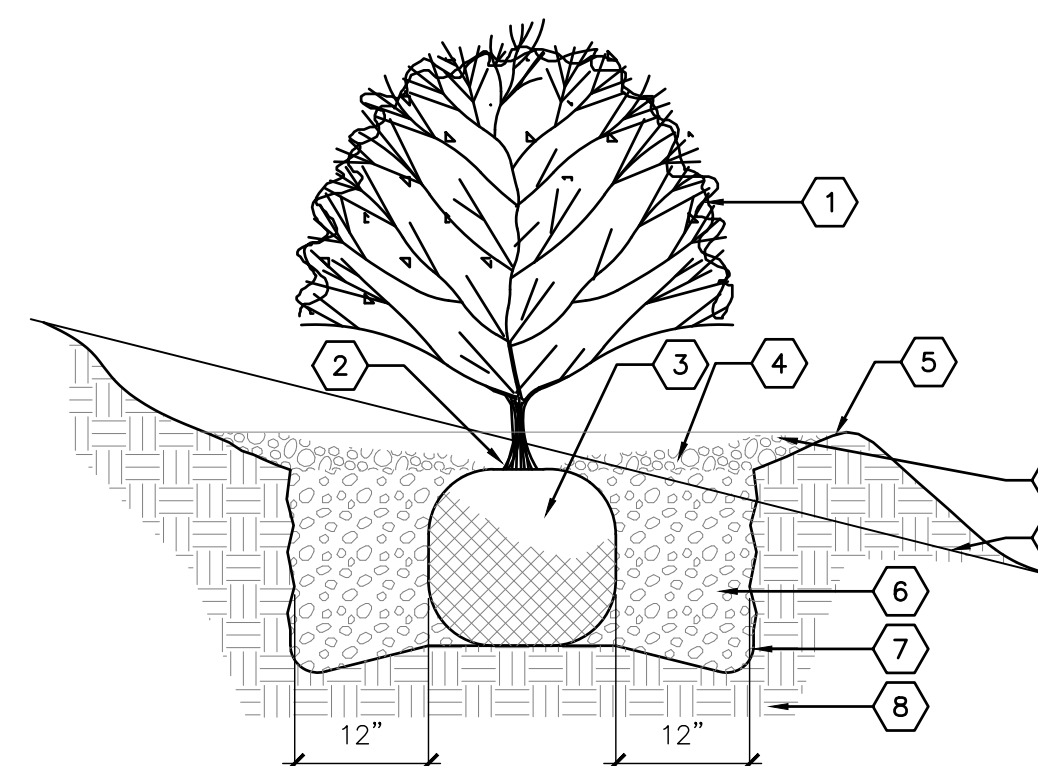
**KEYED NOTES**

1. TREE - SEE PLAN FOR SPECIES AND LOCATIONS
2. REMOVE EXISTING SOIL FROM NURSERY AS NEEDED TO EXPOSE ROOT FLARE. INSTALL WITH ROOT FLARE 2"-3" ABOVE GRADE
3. PLACE TREE IN HOLE AND STRAIGHTEN. REMOVE WIRE BASKET, WOOD BOX, PLASTIC, TWINE AND/OR ROPE, AND BURLAP PRIOR TO BACKFILL
4. MULCH - SEE PLAN. AVOID MULCH INSTALLATION 4"-6" OF DISTANCE FROM TREE TRUNK
5. EARTHEN BERM, 6" HEIGHT
6. THOROUGHLY MIX BACKFILL AND SOIL AMENDMENTS PRIOR TO INSTALLATION - SEE SPECIFICATIONS
7. SCARIFY EDGE OF PLANTING HOLE, CONTINUOUS ALL SIDES
8. UNDISTURBED SUBGRADE
9. PROPOSED GRADE. SMOOTHLY TAPER SLOPE TO FORM TREE WELL
10. EXISTING GRADE



SHRUB PLANTING

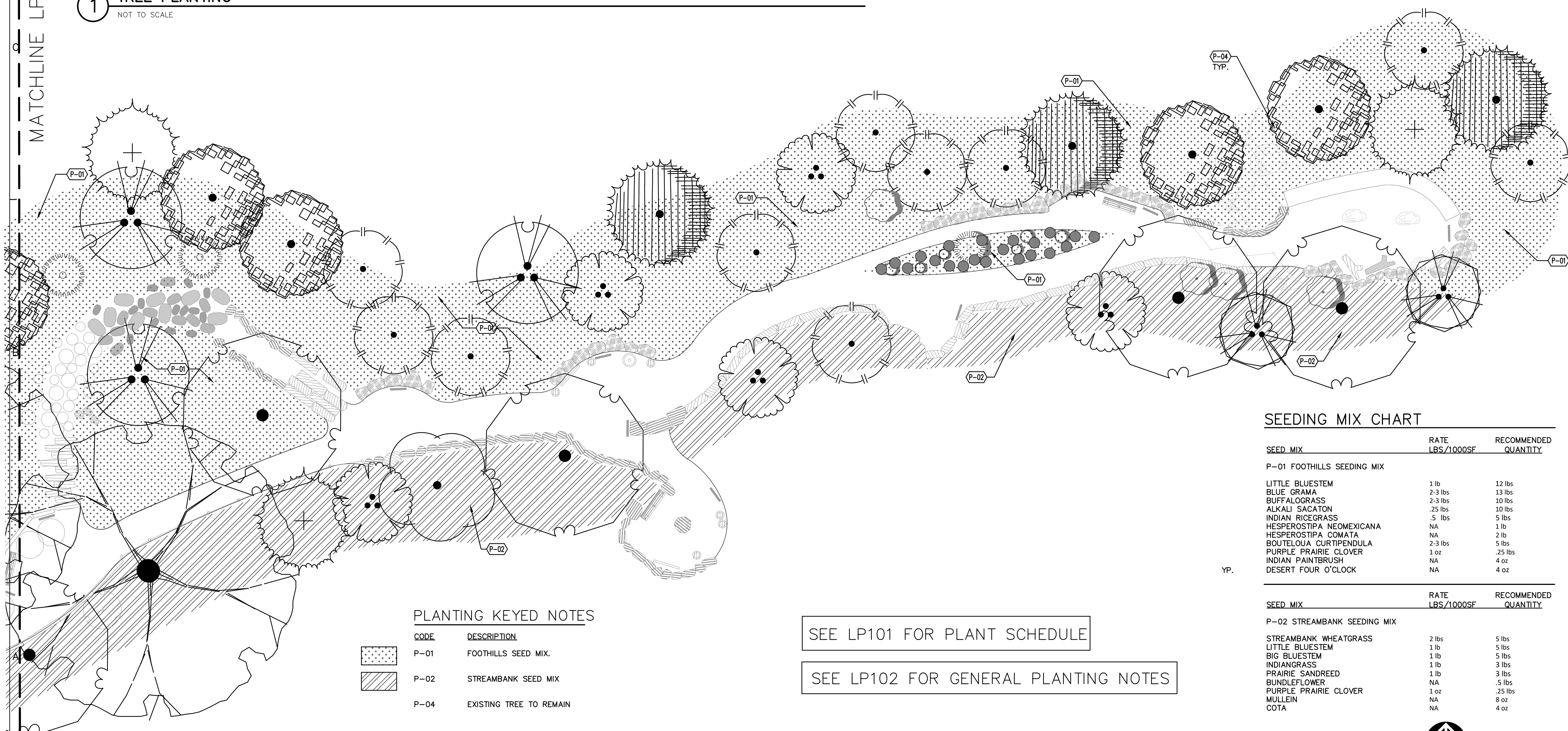
**2 SHRUB PLANTING**  
NOT TO SCALE



SHRUB PLANTING ON SLOPE

**KEYED NOTES**

1. SHRUB - SEE PLAN FOR SPECIES AND LOCATIONS
2. PLANT DEPTH AS SAME AS MAINTAINED AT NURSERY
3. PLACE SHRUB IN HOLE AND STRAIGHTEN
4. MULCH - SEE PLAN. HOLD BACK 2" FROM SHRUB STEMS
5. 6-INCH HEIGHT EARTHEN BERM
6. BACKFILL AND SOIL AMENDMENTS - SEE SPECIFICATIONS. MIX THOROUGHLY PRIOR TO INSTALLATION
7. SCARIFY EDGE OF PLANTING HOLE, CONTINUOUS ALL SIDES
8. UNDISTURBED SUBGRADE
9. PROPOSED GRADE. SMOOTHLY TAPER SLOPE TO FORM SHRUB WELL
10. EXISTING GRADE



**PLANTING KEYED NOTES**

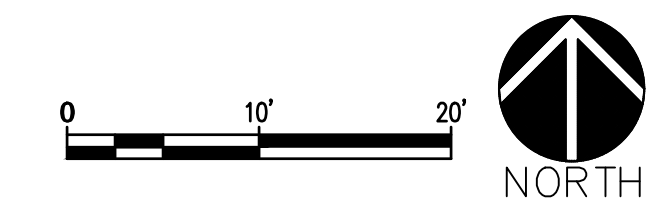
CODE	DESCRIPTION
P-01	FOOTHILLS SEED MIX
P-02	STREAMBANK SEED MIX
P-04	EXISTING TREE TO REMAIN

SEE LP101 FOR PLANT SCHEDULE

SEE LP102 FOR GENERAL PLANTING NOTES

**SEEDING MIX CHART**

SEED MIX	RATE LBS./1000SF	RECOMMENDED QUANTITY
<b>P-01 FOOTHILLS SEEDING MIX</b>		
LITTLE BLUESTEM	1 lb	12 lbs
BLUE GRAMA	2-3 lbs	13 lbs
BUFFALOGRASS	2-3 lbs	10 lbs
ALKALI SACATON	.25 lbs	10 lbs
INDIAN RICEGRASS	.5 lbs	5 lbs
HEPEROSTIPA NEOMEXICANA	NA	1 lb
HEPEROSTIPA COMATA	NA	2 lb
BOUTELOUA CURTIPENDULA	2-3 lbs	5 lbs
PURPLE PRAIRIE CLOVER	1 oz	.25 lbs
INDIAN PAINTBRUSH	NA	4 oz
DESERT FOUR O'CLOCK	NA	4 oz
<b>P-02 STREAMBANK SEEDING MIX</b>		
STREAMBANK WHEATGRASS	2 lbs	5 lbs
LITTLE BLUESTEM	1 lb	5 lbs
BIG BLUESTEM	1 lb	5 lbs
INDIANGRASS	1 lb	3 lbs
PRAIRIE SANDREED	1 lb	3 lbs
BUNDLEFLOWER	NA	.5 lbs
PURPLE PRAIRIE CLOVER	1 oz	.25 lbs
MULLEIN	NA	8 oz
COTA	NA	4 oz



**A PLANTING PLAN**  
SCALE: 1"=10'-0"

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**PLANTING PLAN**

SHEET NUMBER

**LP103**