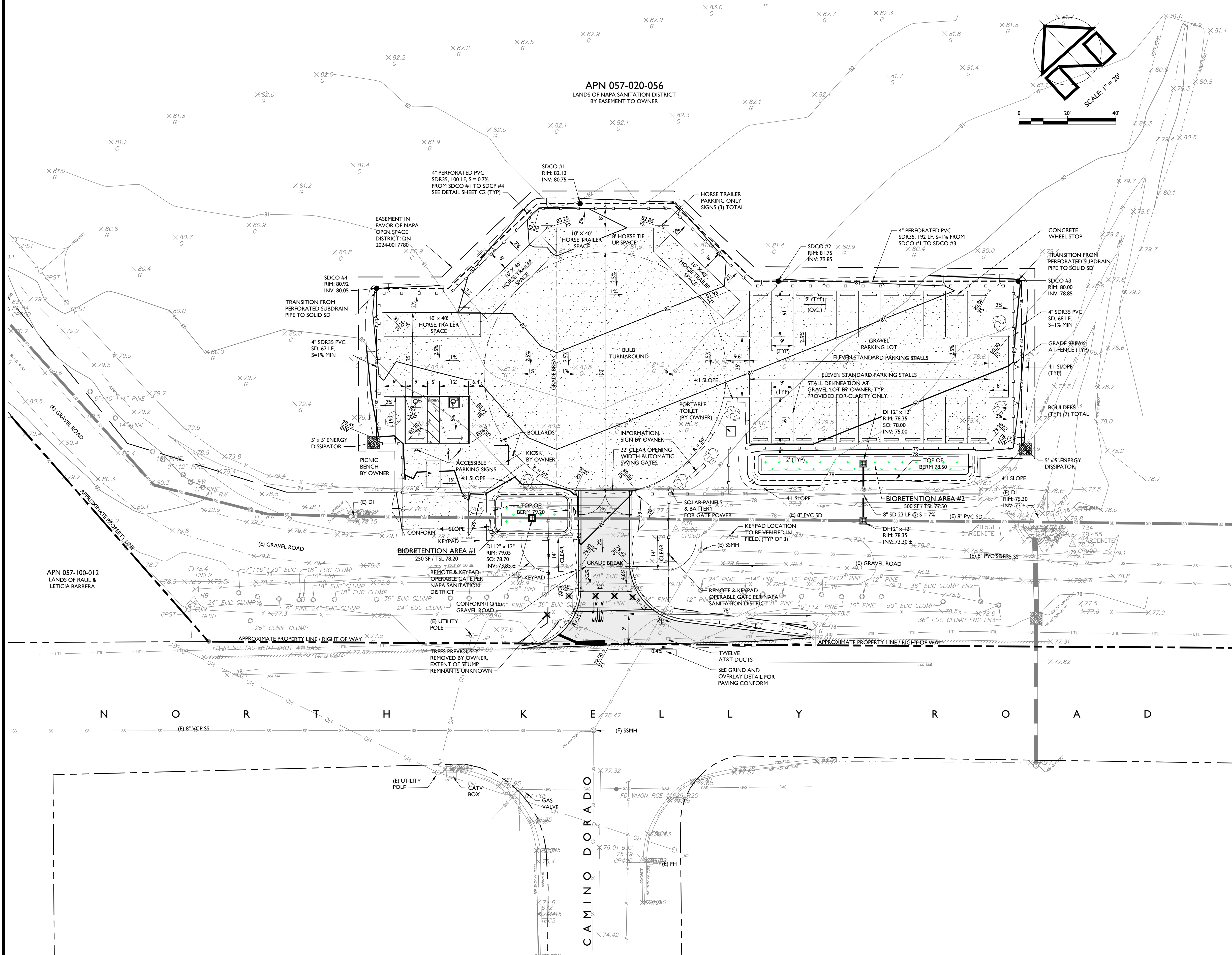
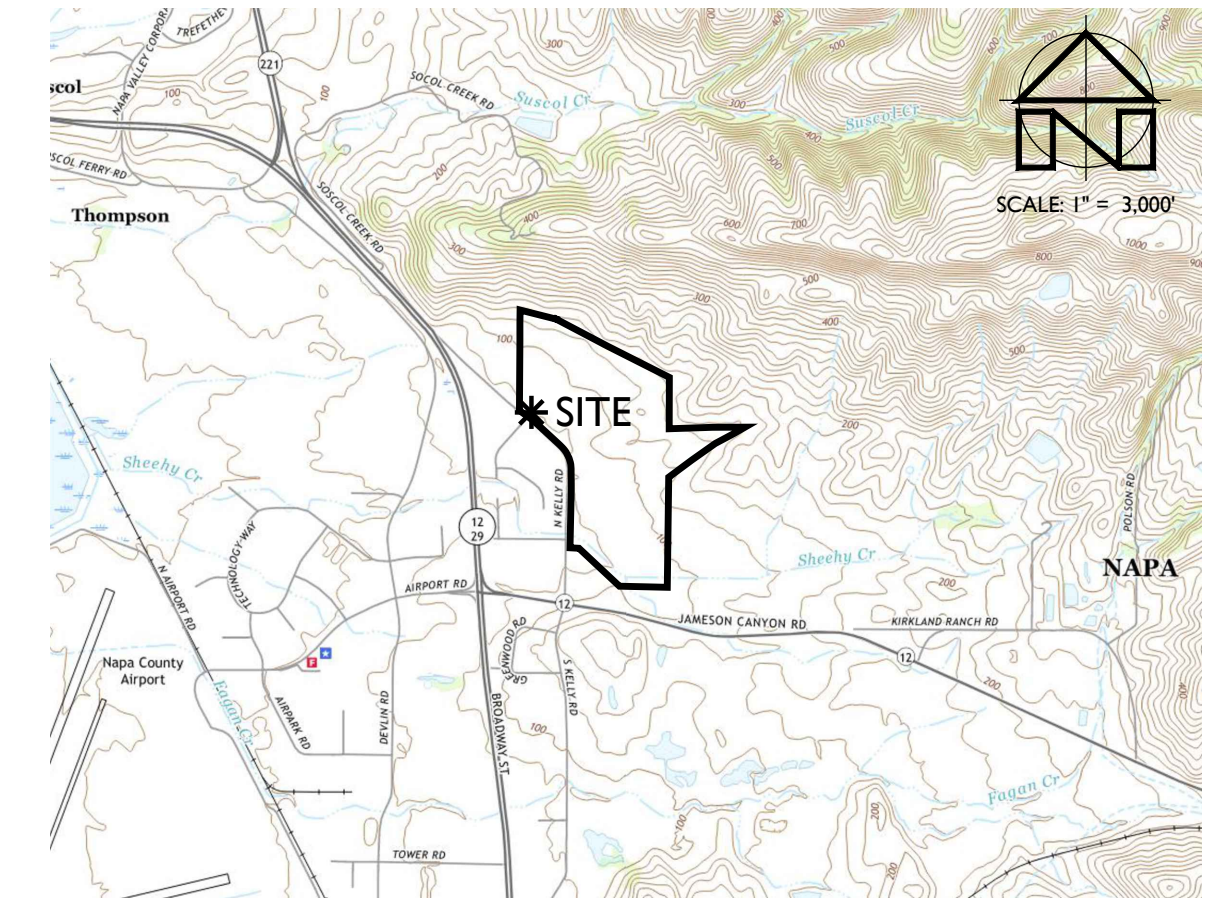


# PARKING LOT FOR THE SUSCOL HEADWATERS PARK

## SITE IMPROVEMENT DRAWINGS



**SITE PLAN**  
SCALE: 1" = 20'



**LOCATION MAP**  
SCALE: 1" = 3,000'

### PROJECT INFORMATION:

**PROJECT OWNER:**  
NAPA COUNTY REGIONAL PARK AND  
OPEN SPACE DISTRICT  
1443 MAIN STREET, SUITE 135  
NAPA, CA 94559

**SITE ADDRESS:**  
1500 N KELLY ROAD  
NAPA, CA 94558

**ASSESSOR'S PARCEL NUMBER:**  
057-020-056

**PARCEL SIZE:**  
161 ± ACRES

**PROJECT SIZE:**  
0.75 ± ACRES

**ZONING:**  
AGRICULTURAL WATERSHED:  
AIRPORT COMPATIBILITY (AW:AC)

### SHEET INDEX:

- C1 SITE PLAN
- C2 NOTES & ABBREVIATIONS
- C3 DETAILS
- C4 EROSION & SEDIMENT CONTROL PLAN

### PURPOSE STATEMENT:

THIS DRAWING SET IS INTENDED TO FACILITATE CONSTRUCTION OF THE PARKING LOT PROJECT. REFER TO THE GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS.

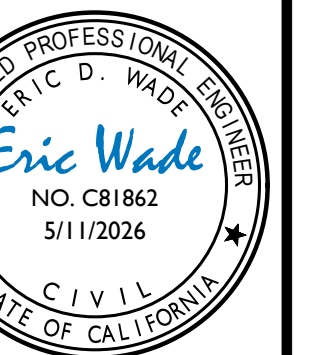
### FLOOD HAZARD NOTE:

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) MAP NUMBERS 06055C0607F & 06055C0650E, EFFECTIVE AUGUST 3, 2016 & SEPTEMBER 26, 2008, THE PROJECT SITE IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA.

### EARTHWORK SUMMARY

300 ± CY CUT  
300 ± CY FILL (SOIL), 100 CY IMPORTED  
1,000 CY CL2 AB FILL (TRENCH BACKFILL NOT INCLUDED)

PREPARED UNDER THE DIRECTION OF:



DRAWN BY:  
BT DRAFTING

CHECKED BY:  
EDW

DATE:  
MAY 11, 2026

REVISIONS: BY:

JOB NUMBER:  
22-155

FILE:  
22-155CONC-SITE.DWG

ORIGINAL SIZE:  
24" X 36"

SHEET NUMBER:

**GENERAL NOTES:**

- THESE DRAWINGS WERE DEVELOPED EXCLUSIVELY FOR THIS PROJECT AND ARE NOT TO BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF APPLIED CIVIL ENGINEERING INCORPORATED.
- ALL MATERIALS AND WORKMANSHIP FOR THE WORK DESCRIBED ON THESE PLANS SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING STANDARDS AS ADOPTED AND AMENDED BY NAPA COUNTY:
  - CALIFORNIA BUILDING CODE (2025)
  - CALIFORNIA ELECTRIC CODE (2025)
  - CALIFORNIA PLUMBING CODE (2025)
  - CALIFORNIA MECHANICAL CODE (2025)
  - CALIFORNIA FIRE CODE (2025)
  - CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS (2024)
  - NAPA COUNTY CODE (CURRENT)

CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR BEING FAMILIAR WITH ALL STANDARDS, CODES AND REGULATIONS APPLICABLE TO THIS PROJECT.

- CONTRACTOR SHALL BE APPROPRIATELY LICENSED WITH THE STATE OF CALIFORNIA TO PERFORM THE WORK SHOWN ON THESE PLANS.
- CONTRACTOR SHALL SUPPLY ALL MATERIALS, EQUIPMENT AND LABOR NECESSARY TO CONSTRUCT THE IMPROVEMENTS ILLUSTRATED ON THESE PLANS.
- CONTRACTOR SHALL PROVIDE SUBMITTALS FOR ALL MATERIALS AND PRODUCTS TO BE USED FOR THE SITE IMPROVEMENTS TO APPLIED CIVIL ENGINEERING INCORPORATED FOR REVIEW AND APPROVAL.
- THE IMPROVEMENTS SHOWN ON THESE PLANS REQUIRE INSPECTION BY THE NAPA COUNTY PLANNING, BUILDING AND ENVIRONMENTAL SERVICES DEPARTMENT. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING ALL INSPECTIONS.
- CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION MEETING WITH APPLIED CIVIL ENGINEERING INCORPORATED AND NAPA COUNTY AT LEAST ONE WEEK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION TO REVIEW THE PROJECT PLANS AND SPECIFICATIONS AND NAPA COUNTY REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE FOR SECURING ALL CONSTRUCTION RELATED PERMITS FROM THE GOVERNING AGENCIES AND MAINTAINING A COPY OF THE PERMITS AND THE APPROVED PLANS ON THE JOB SITE AT ALL TIMES.
- ALL WORK DONE WITHIN THE COUNTY RIGHT OF WAY SHALL BE DONE UNDER AN ENCROACHMENT PERMIT ISSUED BY THE NAPA COUNTY PUBLIC WORKS DEPARTMENT.
- CONTRACTOR SHALL CONTACT THE NAPA COUNTY PUBLIC WORKS, FIRE AND SHERIFF DEPARTMENTS TO PROVIDE EMERGENCY TELEPHONE NUMBERS AND KEEP THE DEPARTMENTS INFORMED DAILY OF ANY STREETS THAT ARE UNDER CONSTRUCTION AND DETOURS. DETOURS ARE NOT PERMITTED UNLESS APPROVED IN ADVANCE IN WRITING BY THE NAPA COUNTY PUBLIC WORKS DEPARTMENT.
- THE PROPERTY OWNER AND CONTRACTOR ARE RESPONSIBLE FOR OBTAINING ALL APPROPRIATE PERMITS FOR WORK WITHIN ANY RIPARIAN AREA PRIOR TO COMMENCING WORK IN THAT AREA.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE CONDITIONS AND THE SAFETY OF PROPERTY AND PEOPLE ON THE JOB SITE AT ALL TIMES. CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A SAFE CONDITION, IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REQUIREMENTS, AT ALL TIMES, INCLUDING OUTSIDE OF NORMAL WORKING HOURS. CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN BARRICADES TO PROVIDE FOR THE SAFETY OF THE GENERAL PUBLIC TO THE SATISFACTION OF NAPA COUNTY AND THE OWNER.
- THESE PLANS ARE INTENDED TO PROVIDE HORIZONTAL AND VERTICAL CONTROL FOR THE PROPOSED SITE IMPROVEMENTS SHOWN HEREON.
- ALL DIMENSIONS SHOWN ON THESE PLANS SHOW MEASUREMENTS IN A HORIZONTAL PLANE UNLESS OTHERWISE SPECIFIED.
- ALL WRITTEN DIMENSIONS SUPERCEDE ANY SCALED DIMENSIONS. IF AN APPARENT DISCREPANCY IS IDENTIFIED CONTACT APPLIED CIVIL ENGINEERING INCORPORATED IMMEDIATELY FOR A WRITTEN CLARIFICATION.
- IF ANY CONTRACTOR, SUBCONTRACTOR, OR SURVEYOR IDENTIFIES ANY OMISSIONS, DEFICIENCIES, CONFLICTS OR ERRORS IN THESE PLANS AND SPECIFICATIONS OR IF THERE IS ANY DOUBT AS TO THEIR MEANING OR INTENT, THEY SHALL CONTACT APPLIED CIVIL ENGINEERING INCORPORATED FOR A WRITTEN ADDENDUM OR CLARIFICATION. CONTRACTOR IS NOT ELIGIBLE FOR ADDITIONAL COMPENSATION IF THEY FAIL TO DO SO BEFORE PROVIDING A PROPOSAL.
- CONTRACTOR IS TO PROTECT ALL EXISTING SITE IMPROVEMENTS, UTILITIES, BUILDINGS AND NATURAL FEATURES FROM DAMAGE THROUGHOUT THE DURATION OF CONSTRUCTION. ANY DAMAGE CAUSED BY CONTRACTOR SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
- IN THE EVENT THAT ARCHAEOLOGICAL ARTIFACTS OR HUMAN REMAINS ARE DISCOVERED DURING CONSTRUCTION, WORK SHALL CEASE IN A 50-FOOT RADIUS SURROUNDING THE AREA OF DISCOVERY. THE PERMITTEE SHALL CONTACT NAPA COUNTY PLANNING, BUILDING AND ENVIRONMENTAL SERVICES DEPARTMENT AT (707) 253-4417 FOR FURTHER GUIDANCE, WHICH WILL LIKELY INCLUDE THE REQUIREMENT FOR THE PERMITTEE TO HIRE A QUALIFIED PROFESSIONAL TO ANALYZE THE ARTIFACTS ENCOUNTERED AND TO DETERMINE IF ADDITIONAL MEASURES ARE REQUIRED.

IF HUMAN REMAINS ARE ENCOUNTERED DURING THE DEVELOPMENT, ALL WORK IN THE VICINITY MUST BE, BY LAW, HALTED, AND THE NAPA COUNTY CORONER INFORMED, SO THAT THE CORONER CAN DETERMINE IF AN INVESTIGATION OF THE CAUSE OF DEATH IS REQUIRED, AND IF THE REMAINS ARE OF NATIVE AMERICAN ORIGIN. IF THE REMAINS ARE OF NATIVE AMERICAN ORIGIN, THE NEAREST TRIBAL RELATIVES AS DETERMINED BY THE STATE NATIVE AMERICAN HERITAGE COMMISSION SHALL BE CONTACTED BY THE PERMITTEE TO OBTAIN RECOMMENDATIONS FOR TREATING OR REMOVAL OF SUCH REMAINS, INCLUDING GRAVE GOODS, WITH APPROPRIATE DIGNITY, AS REQUIRED UNDER PUBLIC RESOURCES CODE SECTION 5097.98.

**EXISTING UTILITY NOTES:**

- THE EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND FOR INFORMATIONAL PURPOSES ONLY. THEY ARE BASED ON INFORMATION PROVIDED BY THE PROPERTY OWNER, THE SURVEYOR AND THE RESPECTIVE UTILITY COMPANIES. APPLIED CIVIL ENGINEERING INCORPORATED ASSUMES NO LIABILITY REGARDING THE ACCURACY OR THE COMPLETENESS OF THEIR LOCATIONS.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING UTILITY LOCATIONS PRIOR TO ORDERING MATERIALS OR BEGINNING CONSTRUCTION. IF A DISCREPANCY BETWEEN THE PLANNED AND ACTUAL HORIZONTAL OR VERTICAL LOCATION OF AN EXISTING UTILITY EXISTS, CONTACT APPLIED CIVIL ENGINEERING INCORPORATED FOR AN ALTERNATE DESIGN.
- CONTRACTOR SHALL NOTIFY ALL PUBLIC AND PRIVATE UTILITY COMPANIES TWO WORKING DAYS PRIOR TO THE START OF CONSTRUCTION TO MARK THE LOCATION OF EXISTING UTILITY LINES. CALL UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600.
- EXISTING UTILITIES ARE TO REMAIN IN SERVICE AT ALL TIMES. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES PER THE REQUIREMENTS OF THE UTILITY OWNER.
- CONTRACTOR SHALL COORDINATE ANY REQUIRED UTILITY RELOCATIONS WITH THE UTILITY OWNER.

**SURVEY NOTES:**

- FADED BACKGROUND REPRESENTS EXISTING TOPOGRAPHIC FEATURES. TOPOGRAPHIC INFORMATION WAS TAKEN FROM THE "TOPOGRAPHIC MAP OF A PORTION OF THE LANDS OF NAPA SANITATION DISTRICT" PREPARED BY TERRA FIRMA SURVEYS, INC., DATED DECEMBER 1, 2023. APPLIED CIVIL ENGINEERING INCORPORATED ASSUMES NO LIABILITY REGARDING THE ACCURACY OR COMPLETENESS OF THE TOPOGRAPHIC INFORMATION.
- CONTOUR INTERVAL: ONE (1) FOOT, HIGHLIGHTED EVERY FIVE (5) FEET.
- VERTICAL DATUM: NAVD 88
- THE PROPERTY LINES SHOWN ON THESE PLANS DO NOT REPRESENT A BOUNDARY SURVEY. THEY ARE APPROXIMATE AND ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY.
- CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS. ANY AT-RISK MONUMENTS SHALL BE IDENTIFIED BY A PRE-CONSTRUCTION CORNER RECORD SUBMITTED TO THE COUNTY SURVEYOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. PRE AND POST CONSTRUCTION CORNER RECORDS SHALL BE PREPARED AS NEEDED TO PERPETUATE LOCATIONS THAT ARE AT RISK DUE TO PROJECT ACTIVITIES. ALL WORK TO BE PERFORMED BY A LICENSED SURVEYOR. MONUMENTS AND MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED SUBJECT TO THE PROVISIONS OUTLINED ABOVE AT THE CONTRACTOR'S EXPENSE.
- ALL CONSTRUCTION STAKING SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR.

**GRADING NOTES:**

- ALL EARTHWORK IS TO CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA BUILDING CODE, NAPA COUNTY CONSERVATION REGULATIONS, NAPA COUNTY PLANNING, BUILDING AND ENVIRONMENTAL SERVICES DEPARTMENT - ENGINEERING DIVISION STANDARDS AND THE PROJECT GEOTECHNICAL REPORT.
- REFER TO THE GEOTECHNICAL INVESTIGATION REPORT PREPARED BY RGH CONSULTANTS (JOB NUMBER 926.03.04.20) DATED NOVEMBER 28, 2023 FOR DETAILED EARTHWORK REQUIREMENTS. THE GEOTECHNICAL REPORT AND ALL RECOMMENDATIONS CONTAINED THEREIN SHALL BE CONSIDERED A PART OF THESE PLANS AND ALL GRADING WORK IS REQUIRED TO BE IN ACCORDANCE WITH SAID REPORT AND IS TO BE PERFORMED UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER.
- ALL CUT AND FILL SLOPES SHALL BE NO STEEPER THAN 2:1 UNLESS OTHERWISE APPROVED BY A GEOTECHNICAL ENGINEER.
- ALL DEBRIS GENERATED DURING DEMOLITION, SITE STRIPPING AND GRADING ACTIVITIES IS TO BE DISPOSED OF PROPERLY OFFSITE BY THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR IMPORTING AND / OR EXPORTING MATERIALS AS NECESSARY TO ACHIEVE THE FINISH GRADES ILLUSTRATED ON THESE PLANS.
- CONTRACTOR SHALL CONDUCT ALL GRADING OPERATIONS IN A MANNER THAT PREVENTS WIND BLOWN DIRT AND DUST AND RELATED DAMAGE TO NEIGHBORING PROPERTIES.
- CONTRACTOR SHALL CONFORM TO EXISTING IMPROVEMENTS WITH A SMOOTH TRANSITION TO AVOID ABRUPT CHANGES IN GRADE, LOW SPOTS OR OTHER HAZARDOUS CONDITIONS.
- PROPERTY OWNER SHALL BE RESPONSIBLE FOR MAINTAINING ALL FINISH GRADED SLOPES AFTER THE COMPLETION OF CONSTRUCTION AND REPAIRING ANY EROSION DAMAGE.

**EROSION CONTROL & STORMWATER QUALITY NOTES:**

- ALL DISTURBED AREAS MUST BE WINTERIZED BY OCTOBER 15TH OF EACH YEAR THAT THE PROJECT IS UNDER CONSTRUCTION.
- A REQUEST TO ALLOW GRADING TO EXTEND BEYOND OCTOBER 15TH MAY BE GRANTED BY THE NAPA COUNTY PLANNING, BUILDING AND ENVIRONMENTAL SERVICES DEPARTMENT IF A MAJORITY OF THE GRADING HAS BEEN COMPLETED AND THERE COULD BE A DETRIMENTAL EFFECT ON THE ENVIRONMENT IF THE REMAINING GRADING REMAINS INCOMPLETE. A REQUEST TO ALLOW GRADING TO EXTEND BEYOND OCTOBER 15TH MUST BE SUBMITTED IN WRITING TO NAPA COUNTY NO LATER THAN OCTOBER 1ST. GRADING BEYOND THE WINTERIZATION DEADLINE WILL NOT BE ALLOWED PRIOR TO APPROVAL BY NAPA COUNTY.
- ALL PERMANENT DRAINAGE FACILITIES AND SEDIMENT RETENTION STRUCTURES MUST BE INSTALLED BY OCTOBER 1ST.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (WATER BARS, SILT FENCE & STRAW WATTLES) MUST BE INSTALLED BY OCTOBER 15TH.
- ALL EROSION CONTROL MEASURES MUST BE INSPECTED AND MAINTAINED BY THE CONTRACTOR THROUGHOUT THE RAINY SEASON (OCTOBER 15TH THROUGH APRIL 1ST). INSPECTIONS MUST BE PERFORMED AT LEAST ONCE PER WEEK DURING EXTENDED DRY PERIODS, IMMEDIATELY BEFORE ANTICIPATED RAIN EVENTS, ONCE EVERY 24 HOURS DURING EXTENDED RAIN EVENTS AND IMMEDIATELY FOLLOWING EACH RAIN EVENT.
- ALL DISTURBED AREAS ARE TO BE STABILIZED BY PLANTING OF AN EROSION CONTROL COVER CROP. PRIOR TO APPLYING THE EROSION CONTROL SEED BLEND, THE SEED BED SHOULD BE PREPARED BY UNIFORMLY SCARIFYING THE GROUND SURFACE TO A DEPTH OF TWO TO FOUR INCHES AND CONDITIONING TO BREAK UP LARGE PEDS.
- THE COVER CROP SEED BLEND SHOULD BE BROADCAST OR DRILLED AFTER THE SEED BED HAS BEEN PREPARED.
- THE COVER CROP SEED MIX SHOULD BE APPLIED AT THE FOLLOWING RATES:

BLANDO BROME	25 LB/ACRE
ZORRO FESCUE	10 LB/ACRE
CRIMSON CLOVER	5 LB / ACRE
ROSE CLOVER	8 LB/ACRE

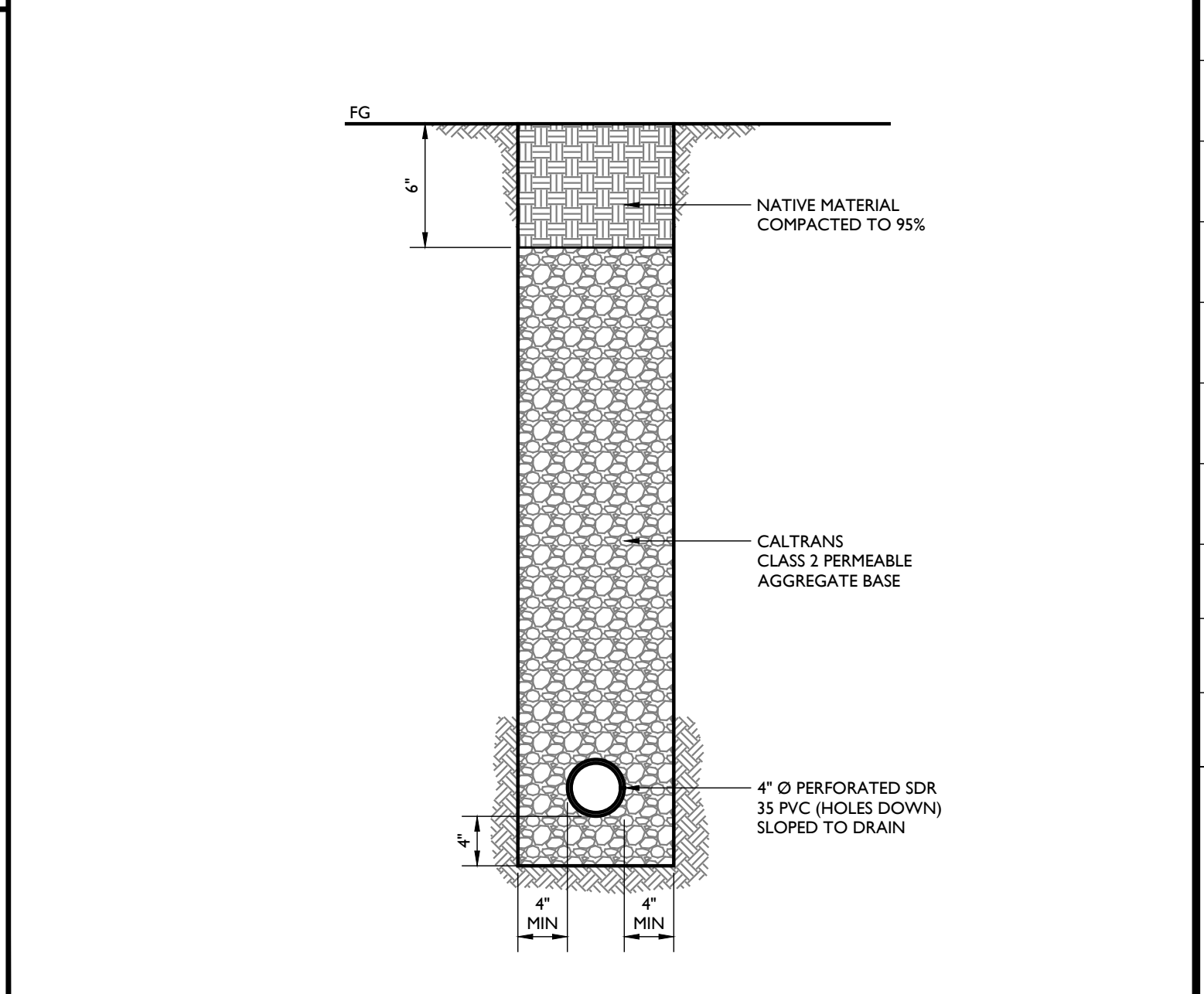
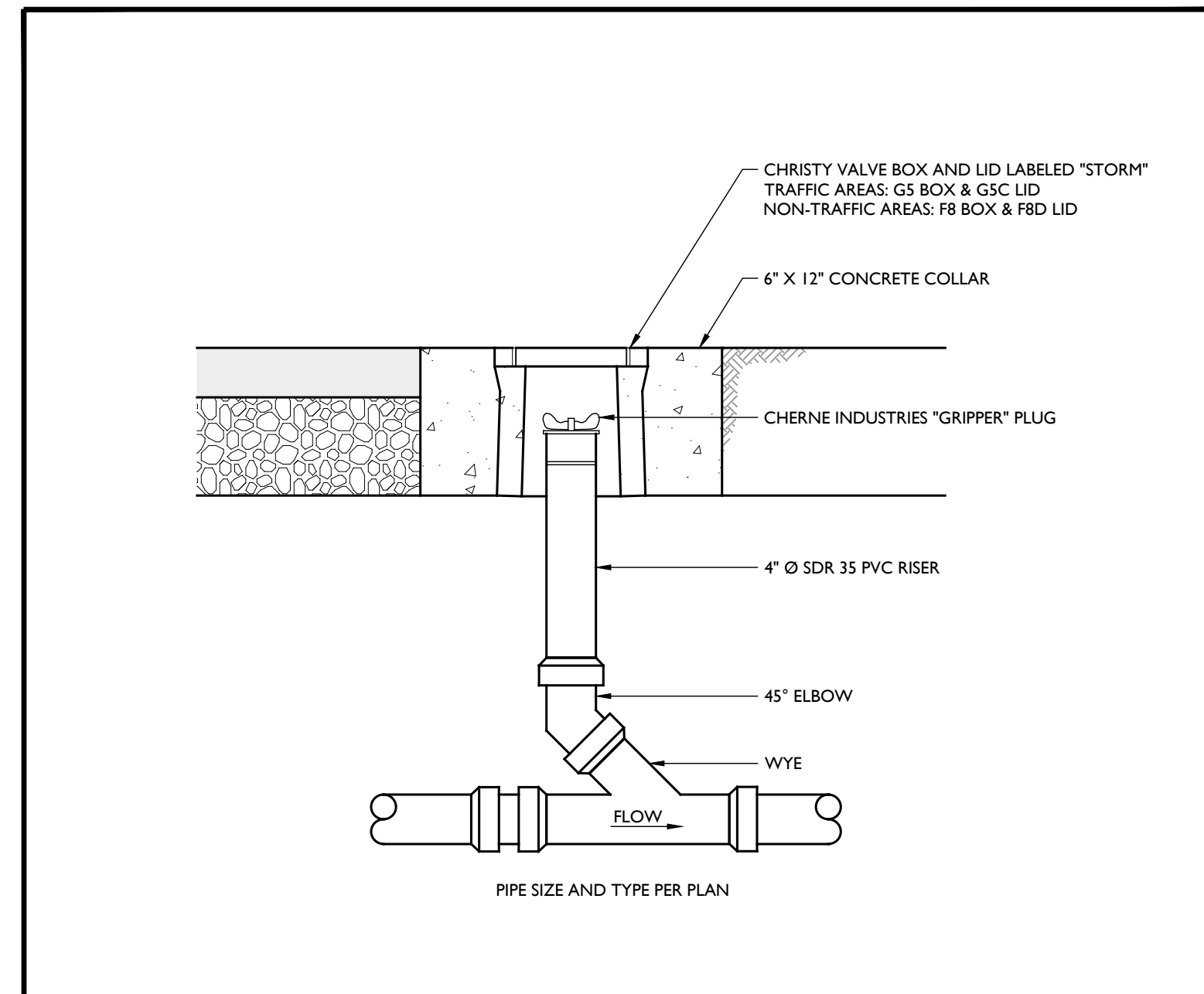
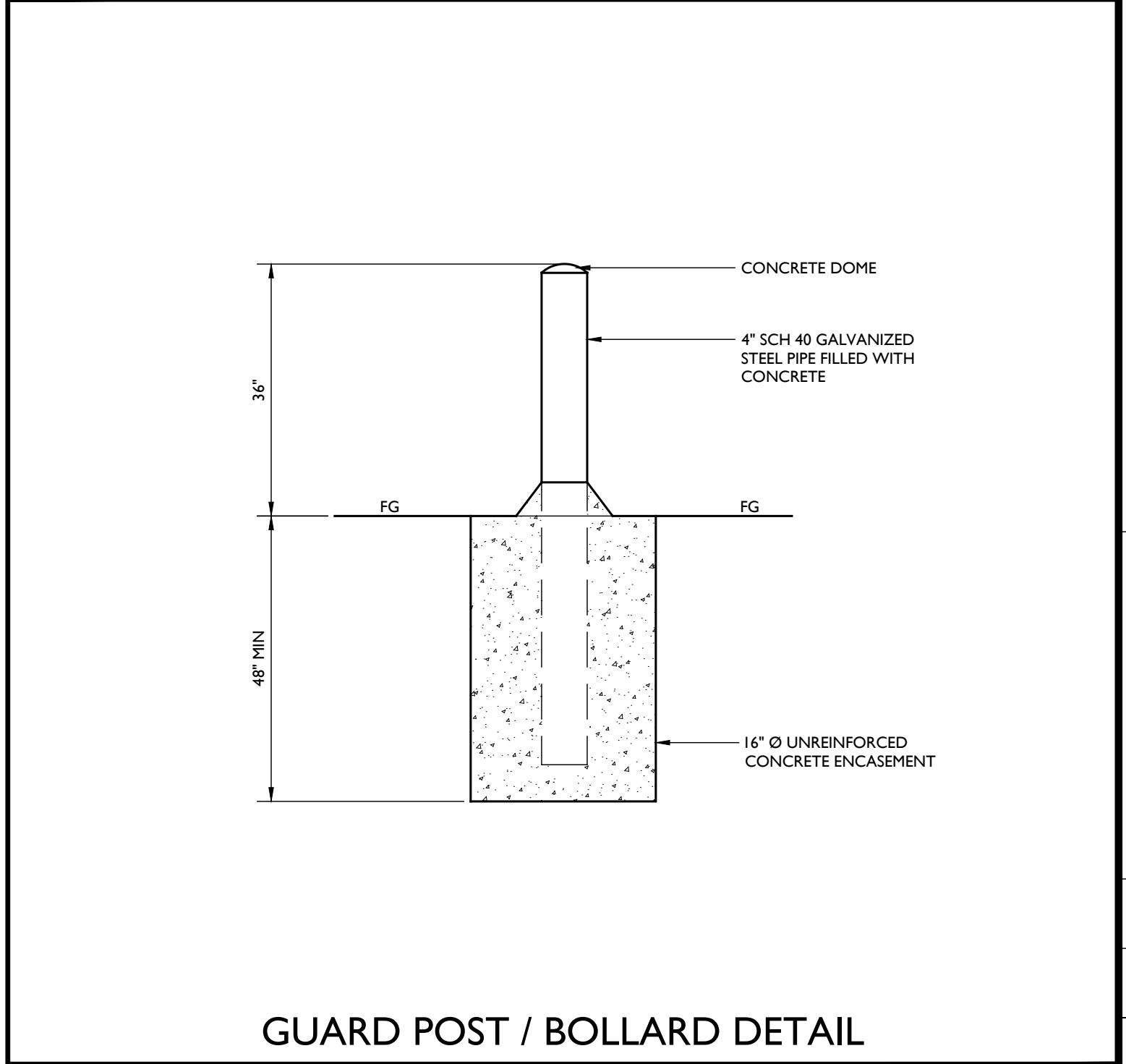
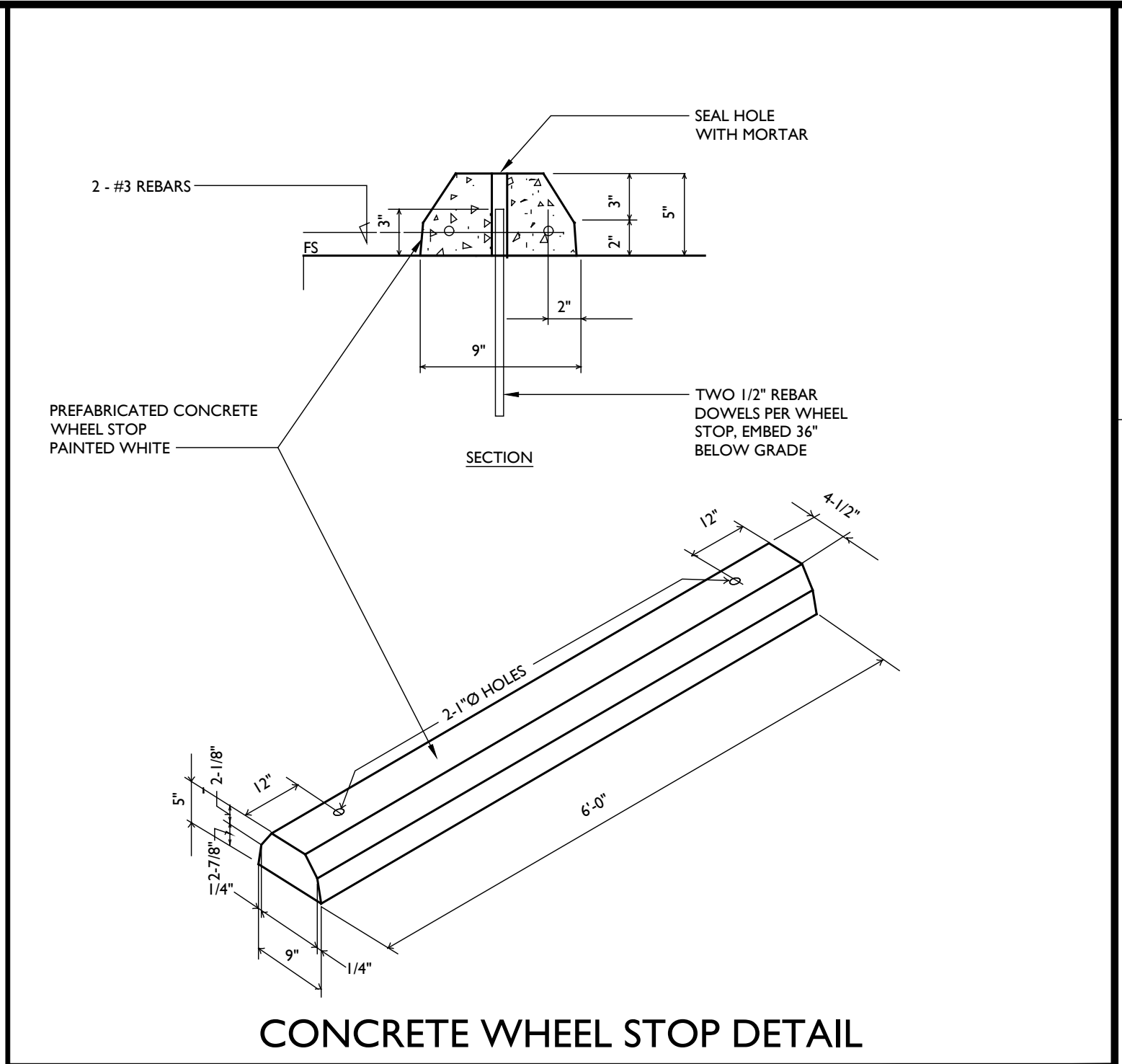
- ALL SEEDED AREAS ARE TO BE FERTILIZED TO PROMOTE SUCCESSFUL ESTABLISHMENT OF THE COVER CROP. THE RECOMMENDED FERTILIZER IS AMMONIUM PHOSPHATE (16-20-0) APPLIED AT A RATE OF 250 POUNDS PER ACRE.
- AFTER THE SEED AND FERTILIZER HAVE BEEN PLACED THE SEEDED AREA SHOULD BE RAKED, DRAGGED OR HARROWED TO ENSURE THAT SEEDS ARE PROPERLY BEDDED.
- ALL DISTURBED AREAS ARE TO BE MULCHED WITH STRAW AT A RATE OF 3,000 POUNDS PER ACRE TO PROTECT THE BARE SOILS WHILE THE COVER CROP IS GETTING ESTABLISHED.
- STRAW SHOULD BE SPREAD BY HAND IN A MANNER THAT PROMOTES FORMATION OF AN INTERWOVEN MATRIX. CRIMPING STRAW INTO THE SOIL IS HIGHLY RECOMMENDED ESPECIALLY ON WINDY SITES AND IS MANDATORY ON SITES WHERE STRAW IS MECHANICALLY CHOPPED AND BLOWN INTO PLACE.
- ALL SOIL CUT AND FILL SLOPES THAT ARE STEEPER THAN 3:1 (HORIZONTAL TO VERTICAL) AND ALL DRAINAGE SWALES MUST BE COVERED WITH NORTH AMERICAN GREEN C125BN EROSION CONTROL BLANKET AFTER THE EROSION CONTROL SEED AND FERTILIZER HAVE BEEN PLACED.
- CONTRACTOR MUST MAINTAIN AN ADEQUATE SUPPLY OF EROSION CONTROL MATERIALS ONSITE TO FACILITATE MAINTENANCE AND REPAIR THROUGHOUT THE RAINY SEASON. TYPICAL MATERIALS THAT SHOULD BE KEPT ONSITE INCLUDE SILT FENCE AND STRAW WATTLE SEDIMENT BARRIERS, GRAVEL BAGS, EROSION CONTROL BLANKETS, STRAW AND EROSION CONTROL SEED MIX.
- ALL SEEDED AREAS MUST BE INSPECTED FOR FAILURES DURING THE RAINY SEASON AND REPAIRED IMMEDIATELY BY TEMPORARY MULCHING OR OTHER REVEGETATION PRACTICES.
- AREAS EXPOSED TO EXCESSIVE WIND AND VEHICLE TRAFFIC SHOULD BE INSPECTED DAILY FOR DUST CONTROL. SPRINKLE THE EXPOSED AREA WITH WATER OR APPLY STABILIZERS AT APPROPRIATE INTERVALS BASED ON NEED. DO NOT SPRINKLE EXCESSIVELY AND CAUSE NON-STORM WATER DISCHARGE FROM THE SITE.

**EROSION CONTROL & STORMWATER QUALITY NOTES:**

- INSPECT ALL SEDIMENT BARRIERS, INLET PROTECTION DEVICES AND OTHER STORM WATER QUALITY BEST MANAGEMENT PRACTICES BEFORE AND AFTER RAINFALL EVENTS AND WEEKLY THROUGHOUT THE RAINY SEASON. DURING EXTENDED RAINFALL EVENTS, INSPECT INLET PROTECTION DEVICES AT LEAST ONCE EVERY 24 HOURS. PROPERLY DISPOSE OF ACCUMULATED SEDIMENT. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET.
- WASTE COLLECTION AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES AND STORM WATER CONVEYANCE SYSTEMS.
- DUMPSTERS SHALL BE SECURELY COVERED AT NIGHT AND DURING WET WEATHER. DUMPSTERS SHALL BE INSPECTED FREQUENTLY FOR LEAKS. ANY LEAKING MATERIAL FROM DUMPSTER SHALL BE COLLECTED AND PROPERLY DISPOSED OF. CONTRACTOR SHALL ARRANGE FOR ADEQUATE DEBRIS DISPOSAL SCHEDULES TO ENSURE DUMPSTERS DO NOT OVERFLOW.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND SWEEPING ROADWAYS AND PAVED AREAS WHERE WORK IS BEING CONDUCTED AT THE END OF EACH WORKING DAY. SWEEPING IS NOT EFFECTIVE IF SEDIMENT IS WET OR CAKED. WET OR CAKED SEDIMENT SHALL BE SCRAPED.
- CONTRACTOR SHALL MONITOR ONSITE SOLID WASTE STORAGE AND DISPOSAL PROCEDURES TO MINIMIZE POTENTIAL FOR STORM WATER CONTAMINATION.
- CONTRACTOR SHALL ROUTINELY POLICE THE CONSTRUCTION SITE FOR LITTER AND DEBRIS.
- ANY HAZARDOUS WASTE GENERATED FROM THE SITE SHALL BE PROPERLY LABELED AND SHALL BE DISPOSED OF AT AUTHORIZED TREATMENT, STORAGE AND DISPOSAL FACILITIES.
- TEMPORARY HAZARDOUS WASTE MATERIAL STORAGE SHALL BE LOCATED AWAY FROM ALL WATER COURSES AND STORM WATER CONVEYANCE SYSTEMS.
- HAZARDOUS WASTE MATERIALS SHALL BE STORED IN AREAS NOT SUSCEPTIBLE TO RAIN AND CONTRACTOR SHALL PROVIDE SECONDARY CONTAINMENT IN CASE OF SPILLS OR LEAKS.
- IN THE EVENT OF A HAZARDOUS SPILL OR LEAK, CONTRACTOR SHALL NOTIFY THE STATE OFFICE OF EMERGENCY SERVICES (800) 852-7550 AND THE NAPA COUNTY PLANNING, BUILDING AND ENVIRONMENTAL SERVICES DEPARTMENT (707) 253-4471.
- SPILLS SHALL BE IMMEDIATELY CLEANED UP AND CONTAMINATED SOILS AND CLEAN UP MATERIALS SHALL BE DISPOSED OF PROPERLY. DRY SPILLS SHALL BE SWEEPED NOT WASHED OR HOSED. WET SPILLS ON IMPERMEABLE SURFACES SHALL BE ABSORBED AND ABSORBENT MATERIALS PROPERLY DISPOSED OF. WET SPILLS ON SOIL SHALL BE DUG UP AND ALL EXPOSED SOILS PROPERLY DISPOSED OF.
- MAJOR MAINTENANCE / REPAIR AND WASHING OF CONSTRUCTION EQUIPMENT SHALL OCCUR OFFSITE.
- CONSTRUCTION EQUIPMENT SHALL BE MAINTAINED REGULARLY AND INSPECTED FREQUENTLY FOR DAMAGED HOSES, LEAKY GASKETS OR OTHER SERVICE PROBLEMS.
- CONTRACTOR SHALL VERIFY WEEKLY THAT SUFFICIENT SPILL CONTROL AND CLEAN UP MATERIALS ARE LOCATED NEAR MATERIAL STORAGE, UNLOADING AND USE AREAS.
- CONTRACTOR SHALL UPDATE ONSITE SPILL PREVENTION AND CONTROL PLANS AND STOCK APPROPRIATE CLEAN UP MATERIALS WHENEVER CHANGES OCCUR ONSITE.
- CONTRACTOR IS RESPONSIBLE FOR TRAINING EMPLOYEES AND SUBCONTRACTORS ON CONSTRUCTION SITE MANAGEMENT AND BEST MANAGEMENT PRACTICES.

**ABBREVIATIONS:**

AB	AGGREGATE BASE	LF	LINEAR FEET
AC	ASPHALT CONCRETE	LP	LOW POINT
AD	AREA DRAIN	MAX	MAXIMUM
AP	ANGLE POINT	MIN	MINIMUM
BTM	BOTTOM	(N)	NEW
CLR	CLEAR	NO	NUMBER
CONF	CONFORM	OC	ON CENTER
CP	CONTROL POINT	OD	OUTSIDE DIAMETER
DCV	DOUBLE CHECK VALVE	OG	ORIGINAL GRADE
DI	DROP INLET	(P)	PROPOSED
DN	DOCUMENT NUMBER	PC	POINT OF CURVATURE
DOC	DOCUMENT	PCC	PORTLAND CEMENT CONCRETE
DS	DOWN SPOUT	PIV	POST INDICATOR VALVE
(E)	EXISTING	PL	PROPERTY LINE
EC	END CURVE	PT	POINT OF TANGENCY
ELEV	ELEVATION	PVC	POLYVINYL CHLORIDE
EP	EDGE OF PAVEMENT	SD	STORM DRAIN
EPB	ELECTRICAL PULL BOX	SDCO	STORM DRAIN CLEANOUT
EOC	EDGE OF CONCRETE	SDMH	STORM DRAIN MANHOLE
(F)	FUTURE	SED	SEE ELECTRICAL DRAWINGS
FF	FINISH FLOOR	SF	SQUARE FEET
FG	FINISH GRADE	SHLDR	SHOULDER
FH	FIRE HYDRANT	SS	SANITARY SEWER
FL	FLOW LINE	SSCO	SANITARY SEWER CLEANOUT
FS	FINISH SURFACE	SSMH	SANITARY SEWER MANHOLE
GB	GRADE BREAK	TC	TOP FACE OF CURB
HMA	HOT MIX ASPHALT	TW	TOP OF WALL
HP	HIGH POINT	TYP	TYPICAL
INV	INVERT	WM	WATER METER
IPS	IRON PIPE SIZE	WV	WATER VALVE
IRR	IRRIGATION		

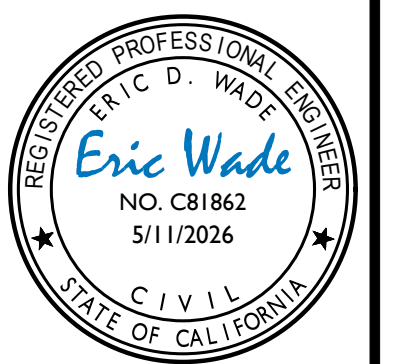


**PARKING LOT FOR THE SUSCOL HEADWATERS PARK**

**↑ SITE IMPROVEMENT DRAWINGS ↓**

**NOTES & ABBREVIATIONS**

PREPARED UNDER THE DIRECTION OF:



DRAWN BY: BT DRAFTING

CHECKED BY: EDW

DATE: MAY 11, 2026

REVISIONS: BY:

JOB NUMBER: 22-155

FILE: 22-155CONC.SITE.DWG

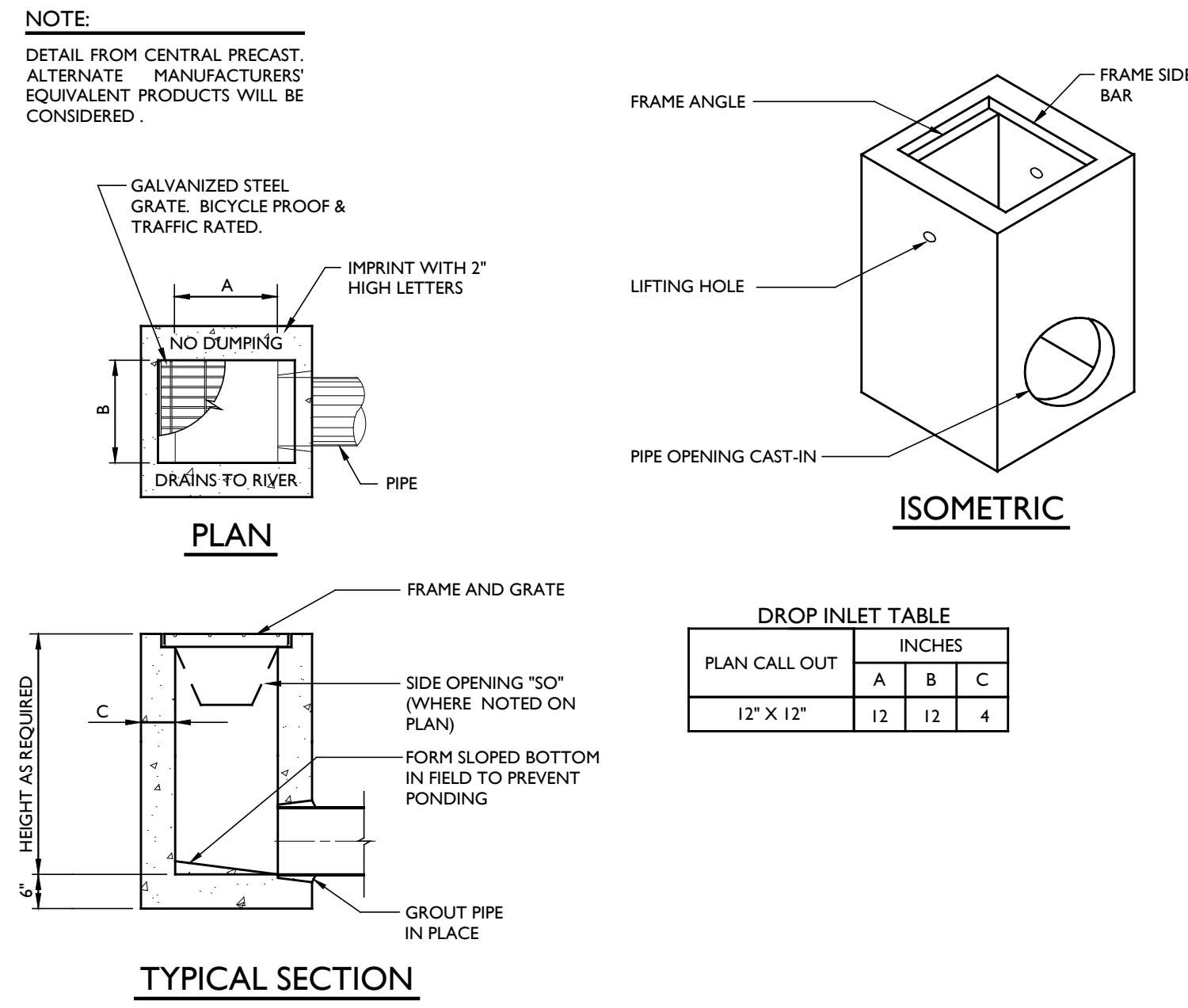
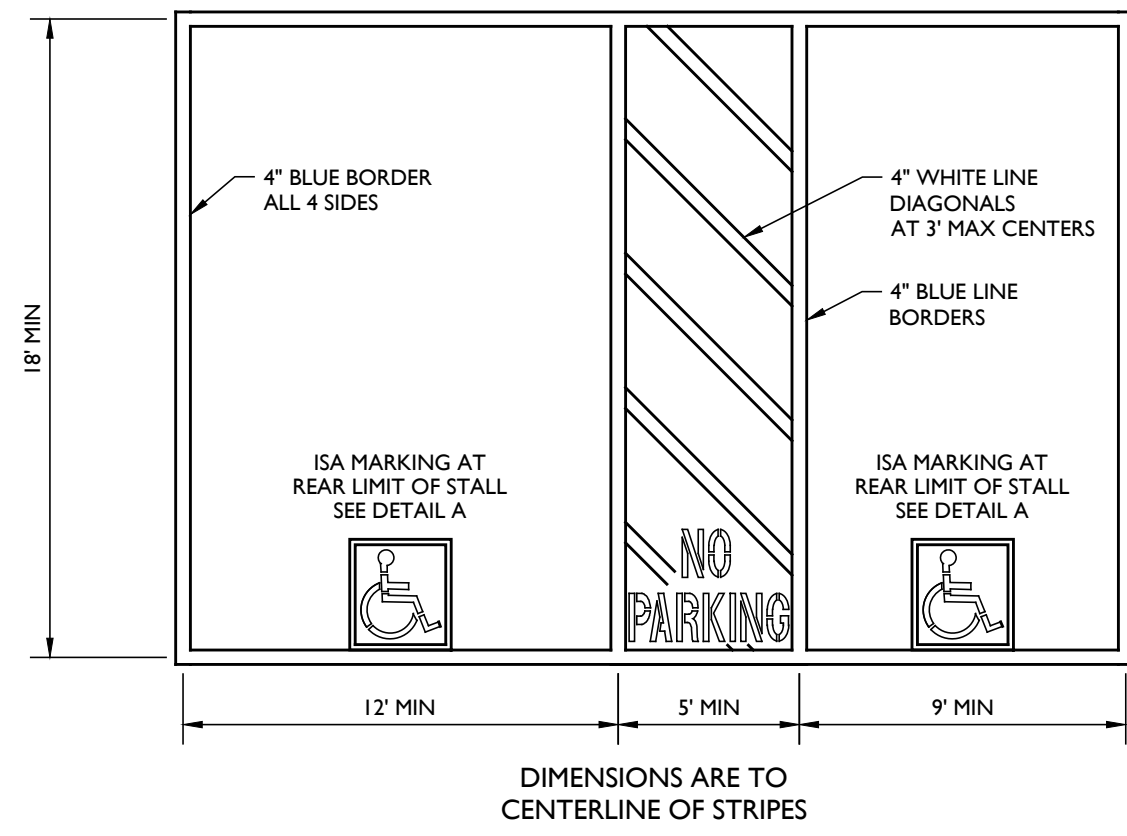
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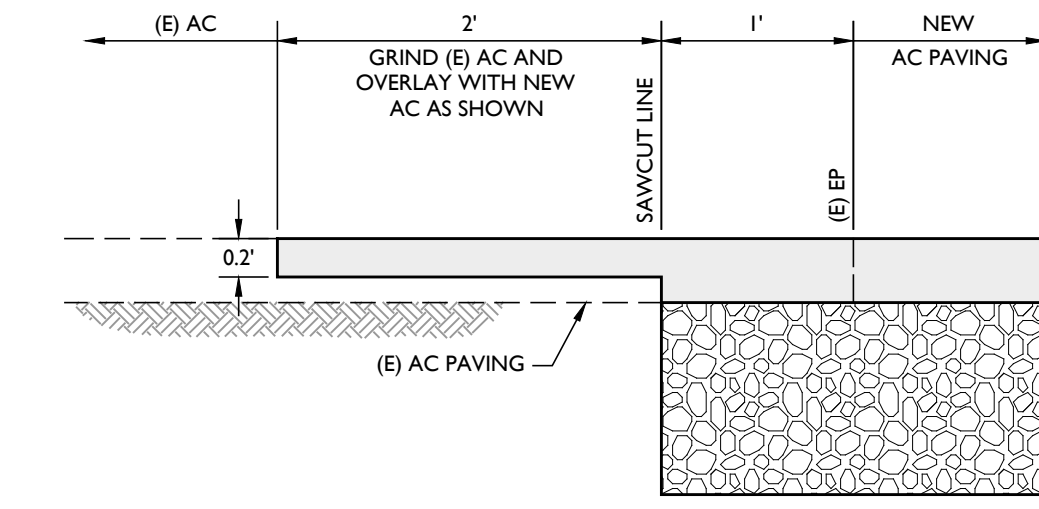
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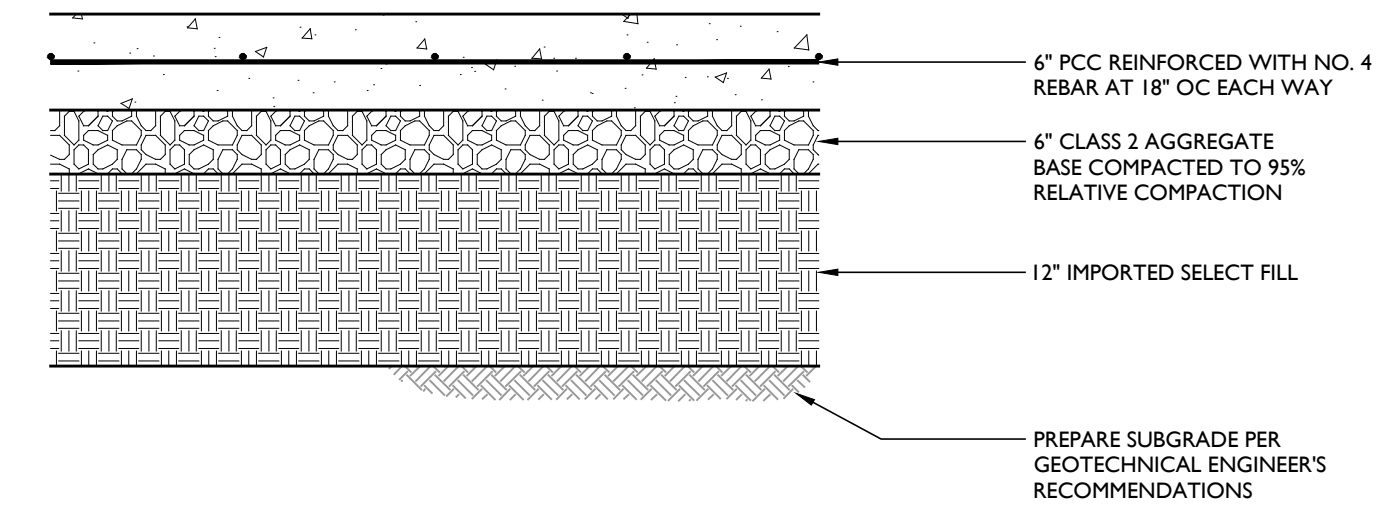
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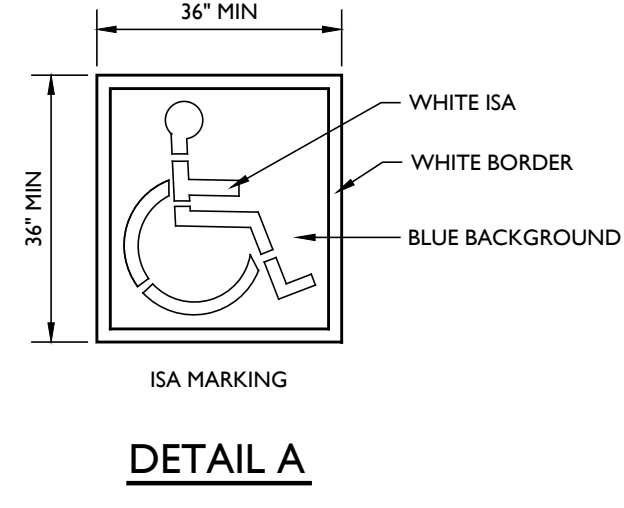
STORM DRAIN DROP INLET DETAIL



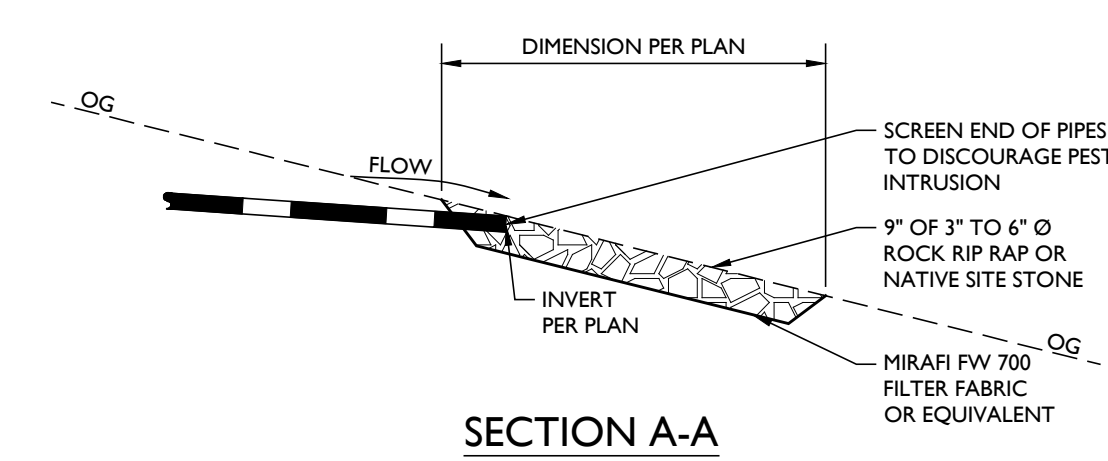
AC PAVING SAWCUT AND GRIND DETAIL



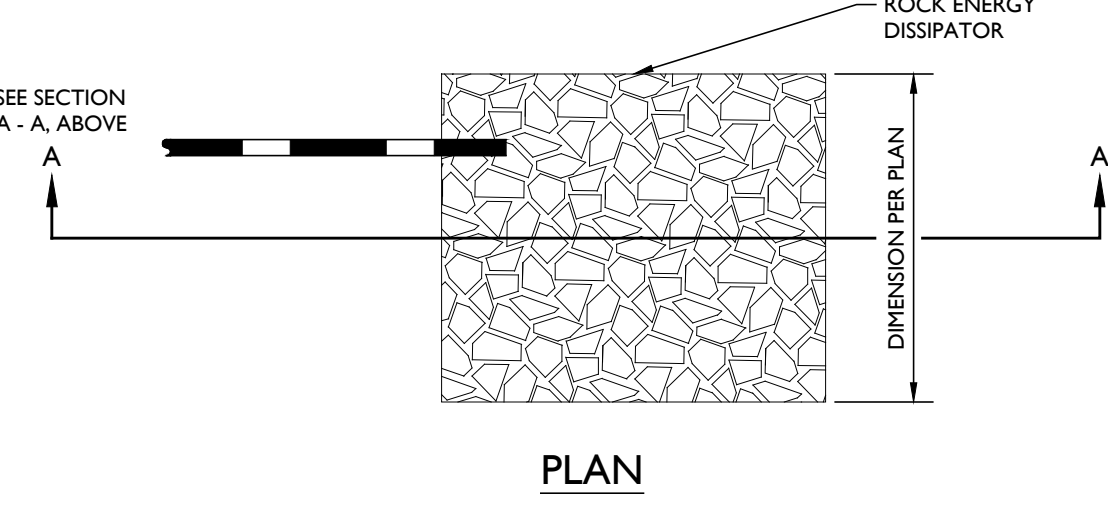
CONCRETE DETAIL



DETAIL A

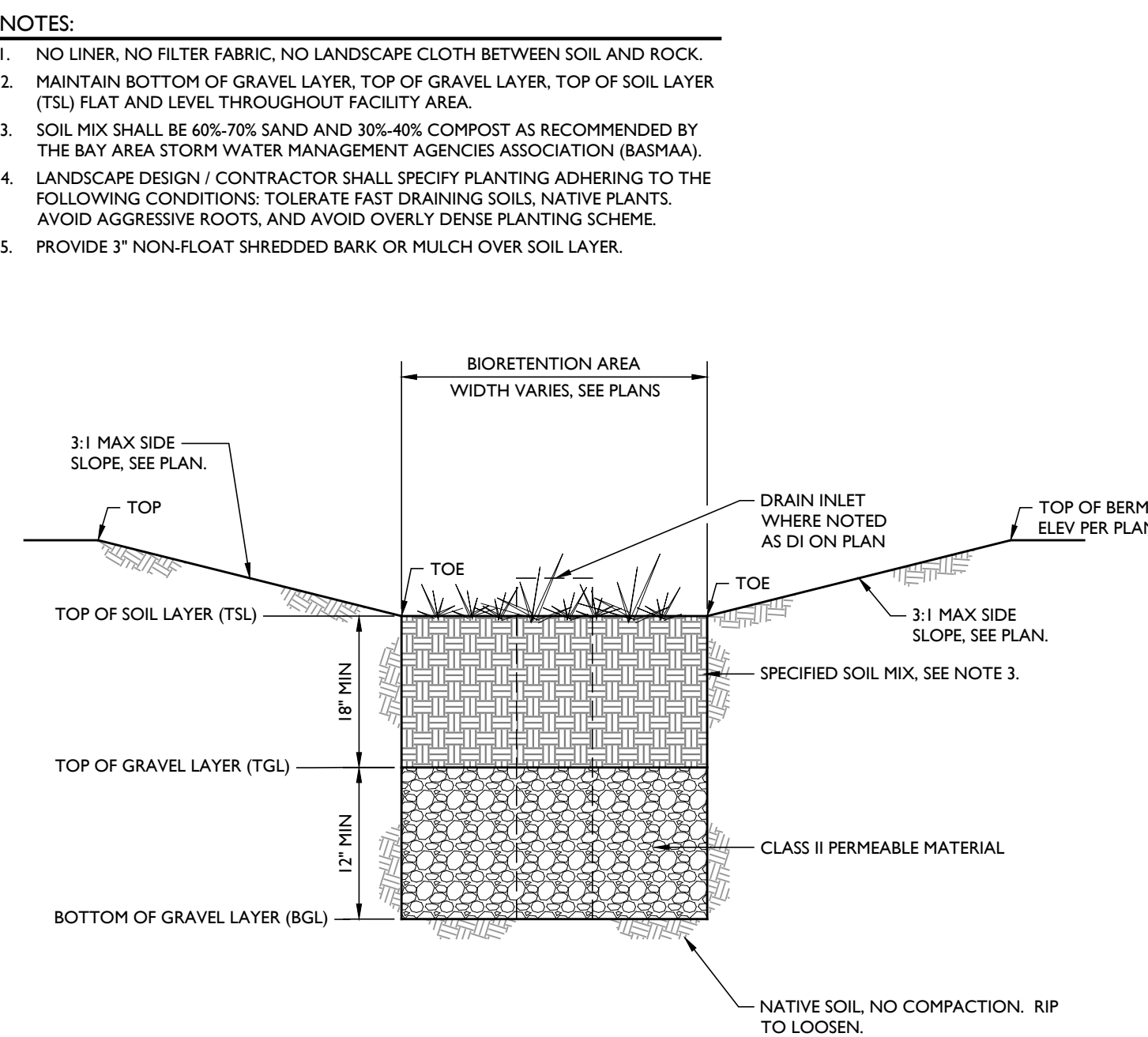


SECTION A-A

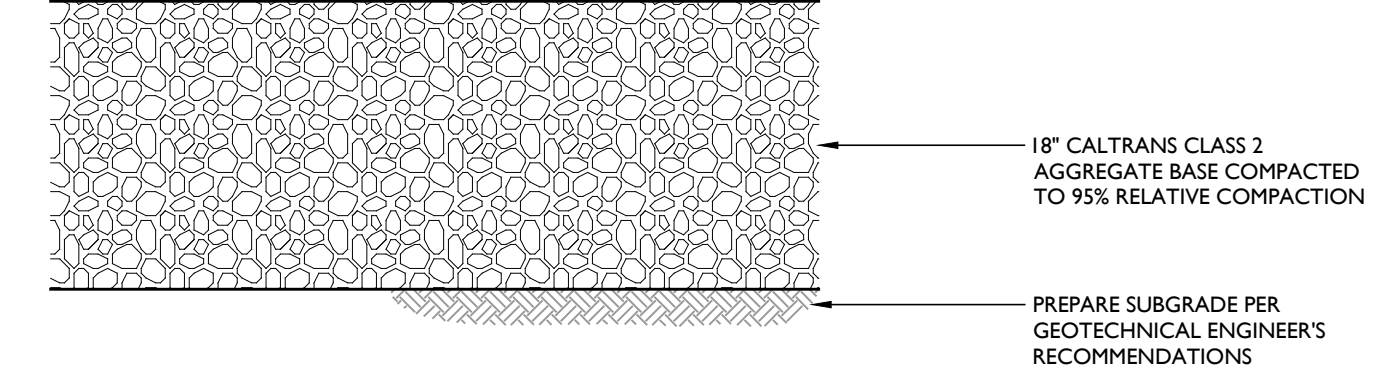


PLAN

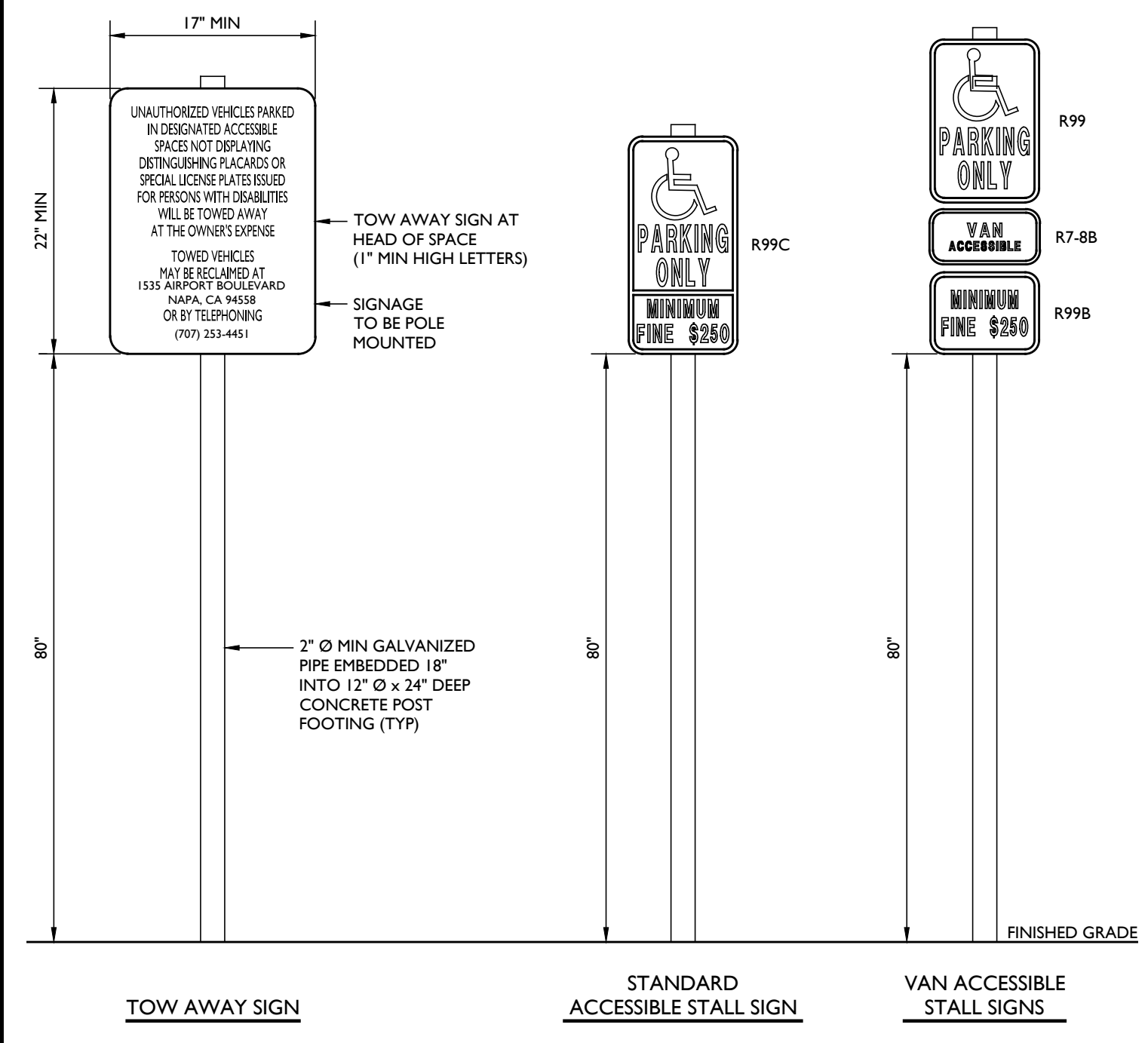
ROCK ENERGY DISSIPATOR ON SLOPE DETAIL



BIORETENTION FACILITY DETAIL



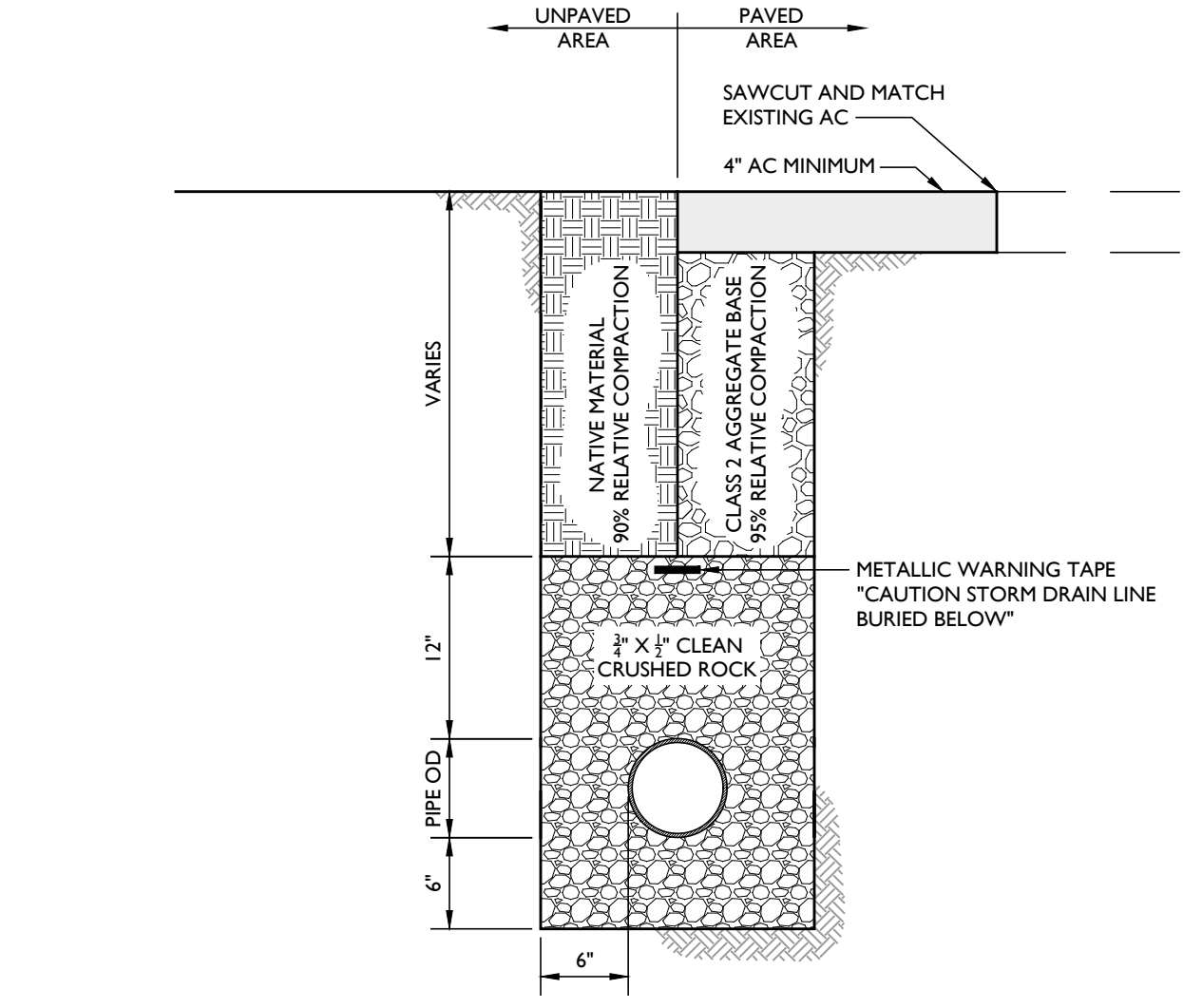
GRAVEL PAVING DETAIL



TOW AWAY SIGN STANDARD ACCESSIBLE STALL SIGN VAN ACCESSIBLE STALL SIGNS

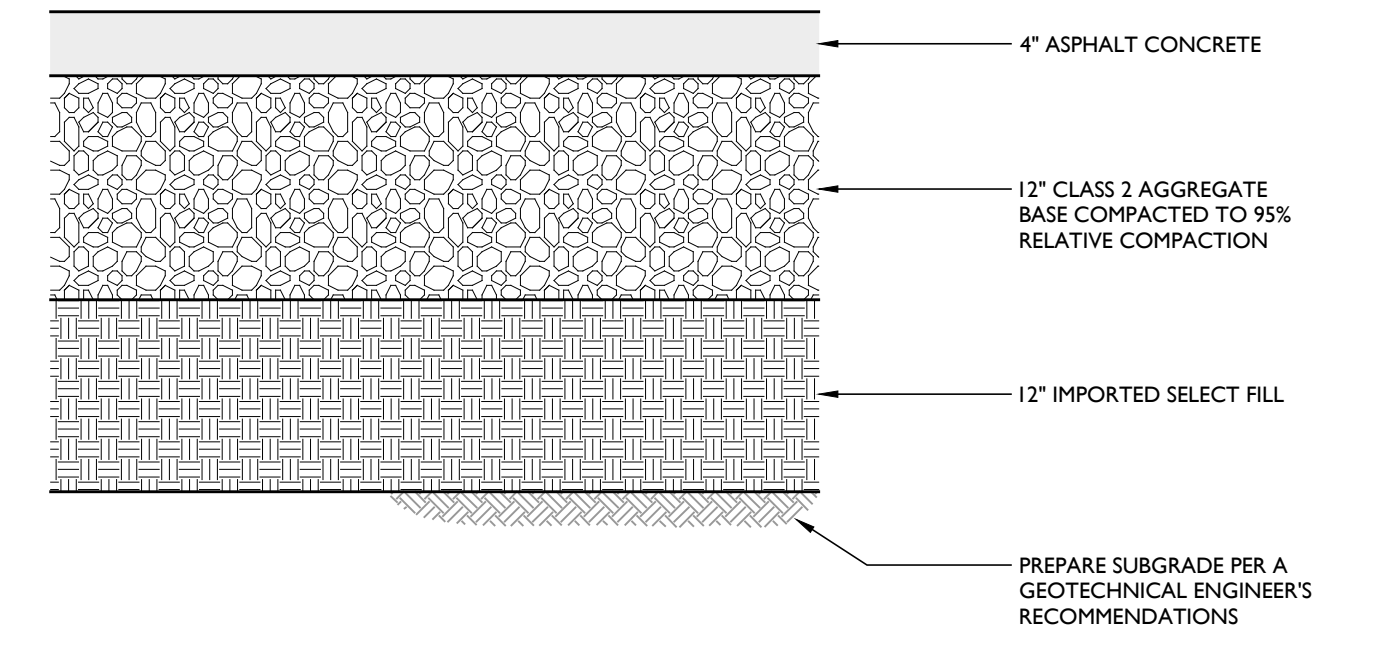
- NOTES:
- ALL MARKINGS AND SIGNAGE TO COMPLY WITH CBC 11B-502.6.
  - SURFACE SLOPES OF ACCESSIBLE OFF STREET PARKING STALLS AND LOADING AREAS SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED 2% IN ANY DIRECTION.
  - THE WORDS "NO PARKING" SHALL BE PAINTED IN WHITE LETTERS NO LESS THAN 12 INCHES HIGH AND LOCATED SO THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICIALS. SEE CALTRANS STANDARD PLAN A90A FOR DETAILS OF THE "NO PARKING" PAVEMENT MARKING.
  - ALL SIGN ATTACHMENTS MUST HAVE TAMPER-PROOF NUTS AND BOLTS.
  - SEE SITE LAYOUT PLAN FOR SIGN LOCATIONS AND MOUNTING.

VAN LOADING ACCESSIBLE PARKING DETAIL



STORM DRAIN TRENCH DETAIL

- NOTES:
- ROAD SECTION IS BASED ON A T1 OF 6. REFER TO THE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.

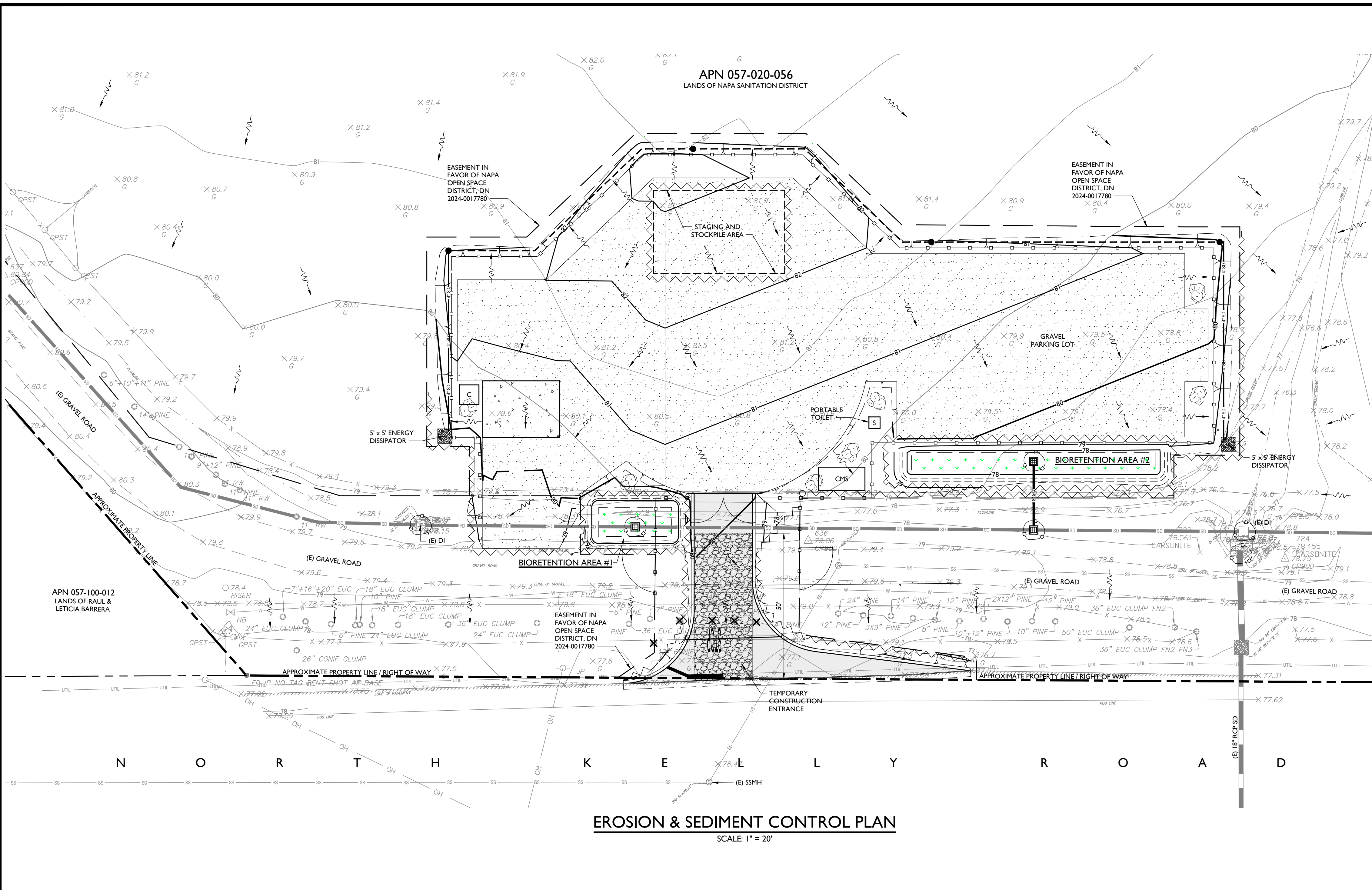


ASPHALT CONCRETE DETAIL

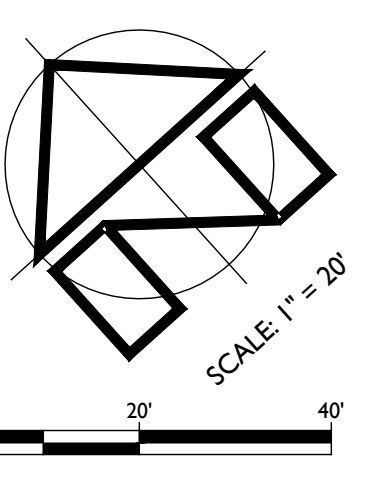
PREPARED UNDER THE DIRECTION OF:

DRAWN BY: BT DRAFTING  
CHECKED BY: EDW  
DATE: MAY 11, 2026

REVISIONS: BY:  
JOB NUMBER: 22-155  
FILE: 22-155CONC-SITE.DWG  
ORIGINAL SIZE: 24" X 36"  
SHEET NUMBER:



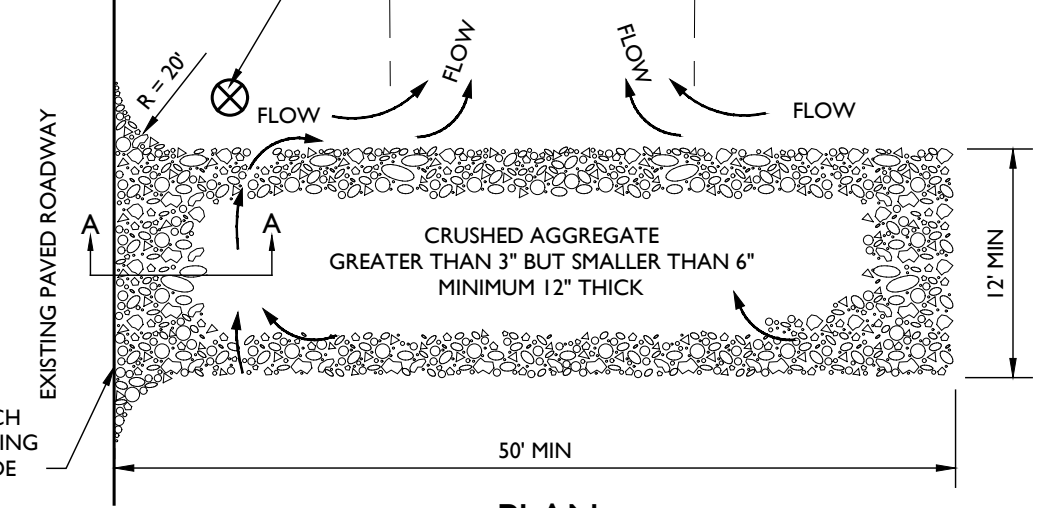
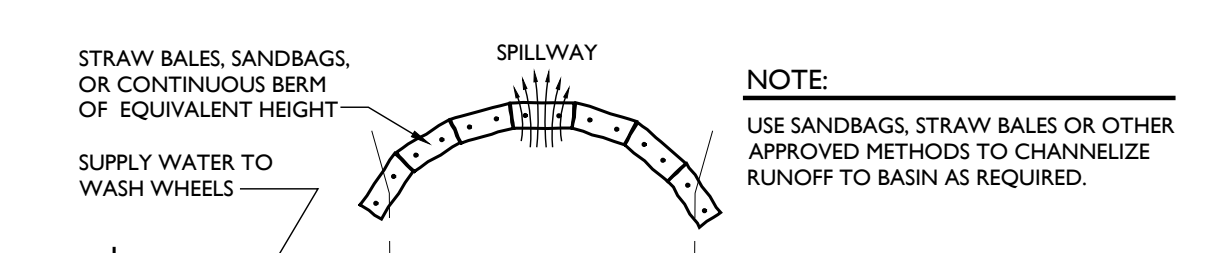
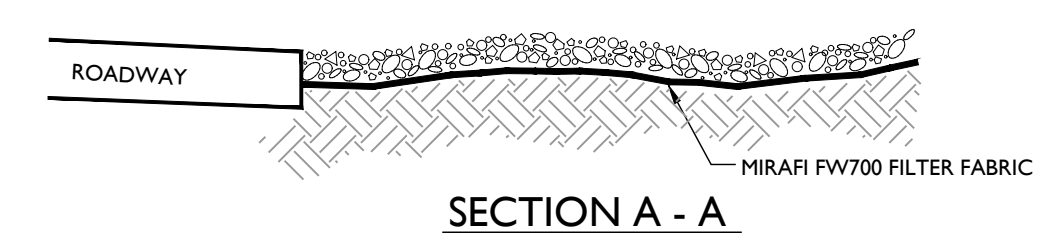
**EROSION & SEDIMENT CONTROL PLAN**  
SCALE: 1" = 20'



**LEGEND**

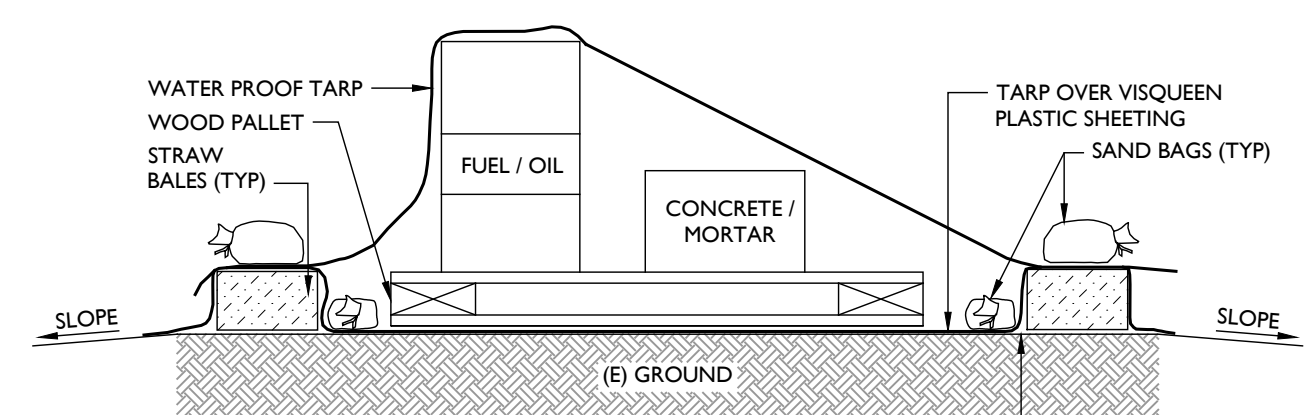
	STRAW WATTLE SEDIMENT BARRIER
	DRAINAGE FLOW DIRECTION
	DRAIN INLET SEDIMENT FILTER
	PORTABLE SANITARY TOILET
	CONCRETE WASHOUT
	STAGING AND STOCKPILE AREA
	COVERED MATERIAL STORAGE

- NOTES:**
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
  - WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
  - TIRE WASHING SHALL BE DONE ON AN AREA STABILIZED WITH CRUSH STONE THAT DRAINS TO AN APPROVED TRAP OR SEDIMENT BASIN.



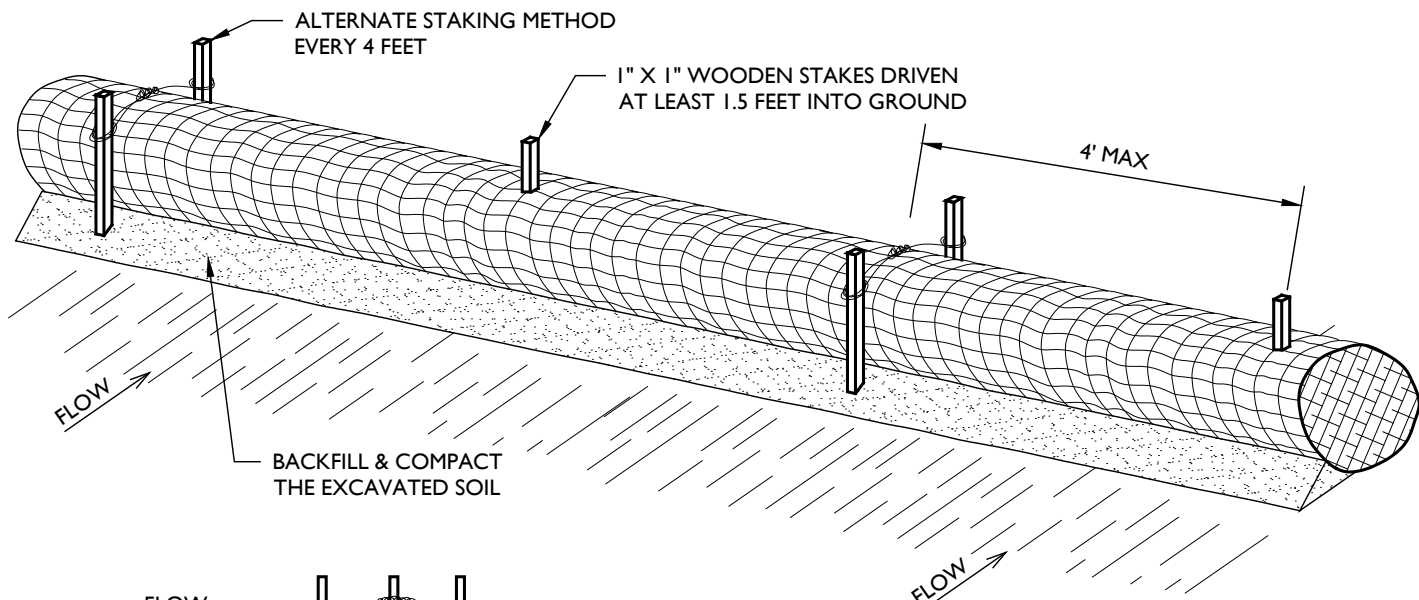
**TEMPORARY GRAVEL CONSTRUCTION ENTRANCE / EXIT DETAIL**

- NOTES:**
- EXISTING GROUND SHALL BE PROTECTED BY A LAYER OF 6 MIL (MIN) VISQUEEN PLASTIC SHEETING PLUS A TARP OVER THE VISQUEEN LAYER.
  - VISQUEEN, SANDBAGS, AND STRAW BALES SHALL ACT AS A BASIN FOR CONTAINMENT OF ANY SPILLS. THE CONTAINMENT VOLUME SHALL BE AT LEAST TWO TIMES THE VOLUME OF THE LARGEST LIQUID CONTAINER WITHIN THE BASIN.
  - WATERPROOF TARP SHALL BE PLACED OVER CONSTRUCTION MATERIALS WHENEVER THEY ARE NOT IN USE. AT THE END OF EACH WORK DAY AND AT ALL TIMES WHILE IT IS RAINING, TARP SHALL BE SECURED USING SANDBAGS.
  - ALTERNATIVELY, MATERIALS MAY BE STORED INSIDE A STORAGE CONTAINER OR EQUIVALENT STRUCTURE THAT WILL PREVENT STORMWATER CONTAMINATION.



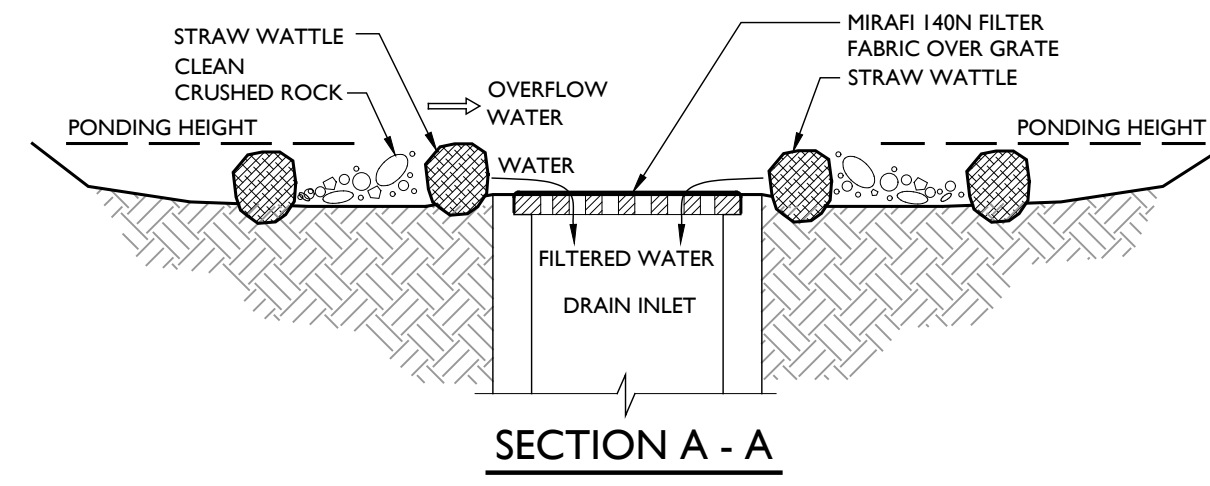
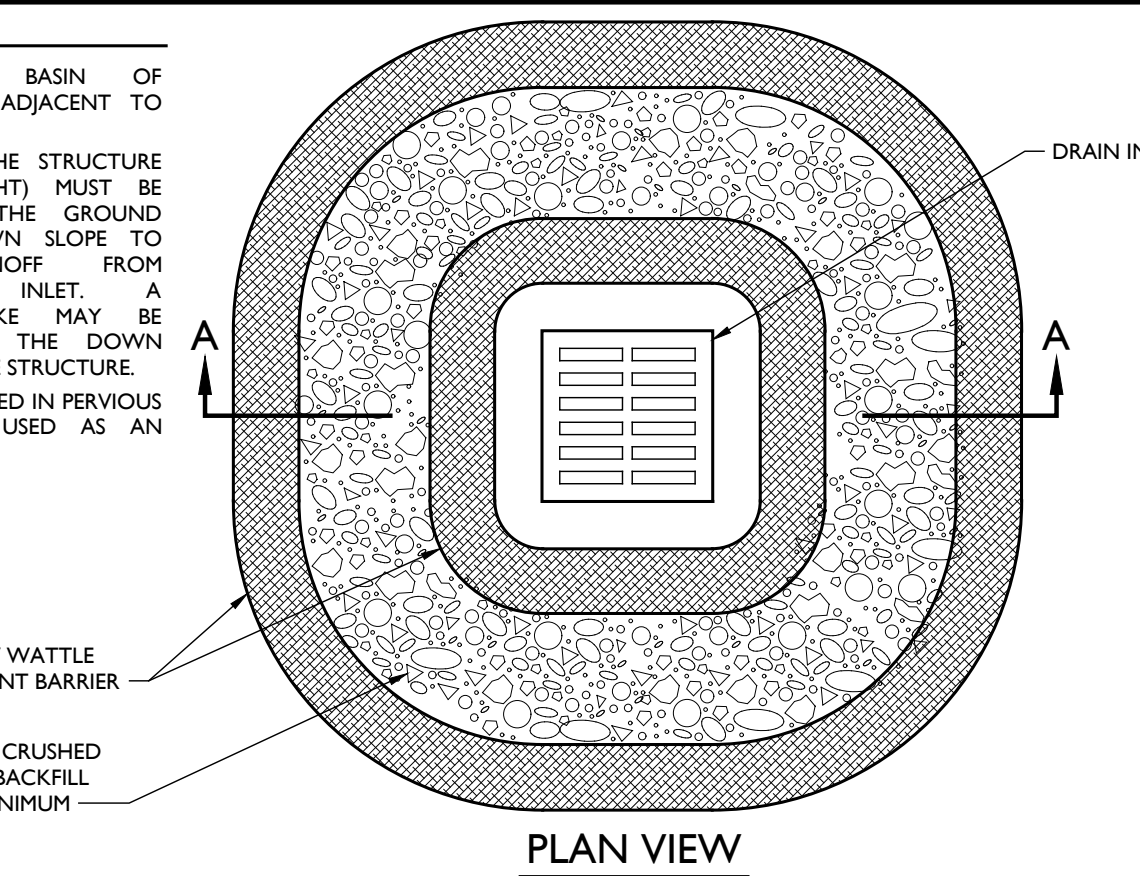
**COVERED MATERIAL STORAGE AREA DETAIL**

- NOTES:**
- PREPARE SMOOTH SLOPE BEFORE THE WATTLING PROCEDURE IS STARTED. SHALLOW GULLIES SHOULD BE SMOOTHED AS WORK PROGRESSES.
  - DIG SMALL TRENCHES ACROSS THE SLOPE ON CONTOUR, TO PLACE ROLLS IN. THE TRENCH SHOULD BE DEEP ENOUGH TO ACCOMMODATE ONE THIRD TO ONE HALF THE THICKNESS OF THE ROLL. WHEN THE SOIL IS LOOSE AND UNCOMPACTED, THE TRENCH SHOULD BE DEEP ENOUGH TO BURY THE ROLL 2/3 OF ITS THICKNESS BECAUSE THE GROUND WILL SETTLE.
  - IT IS CRITICAL THAT ROLLS ARE INSTALLED PERPENDICULAR TO WATER MOVEMENT, PARALLEL TO THE SLOPE CONTOUR. A HAND LEVEL, LASER LEVEL, OR EQUIVALENT TYPE OF INSTRUMENT SHOULD BE USED TO ENSURE LEVEL INSTALLATION. START DIGGING TRENCHES AND INSTALL ROLLS FROM THE BOTTOM OF THE SLOPE AND WORK UP.
  - LAY THE ROLL ALONG THE TRENCHES FITTING IT SNUGLY AGAINST THE SOIL. MAKE SURE NO GAPS EXIST BETWEEN THE SOIL AND THE STRAW WATTLE.
  - USE A STRAIGHT BAR TO DRIVE CLEAN HOLES THROUGH THE WATTLE AND INTO THE SOIL. DRIVE THE STAKE THROUGH PREPARED HOLE INTO SOIL. LEAVE ONLY 1 OR 2 INCHES OF STAKE EXPOSED ABOVE ROLL.
  - INSTALL STAKES AT 4 FEET MAX INTERVALS.
  - USE EXCAVATED MATERIAL TO CREATE COMPACTED BERM ON UPSLOPE SIDE OF ROLL TO PREVENT WATER FROM PILING UNDER ROLL AND FORCE IT TO FILTER THROUGHOUT THE ROLL.
  - ENDS OF ROLLS SHOULD BE OVERLAPPED 1' AND SHOULD BE SECURELY STAKED TO PREVENT WATER PASSAGE THROUGH THE JOINT.



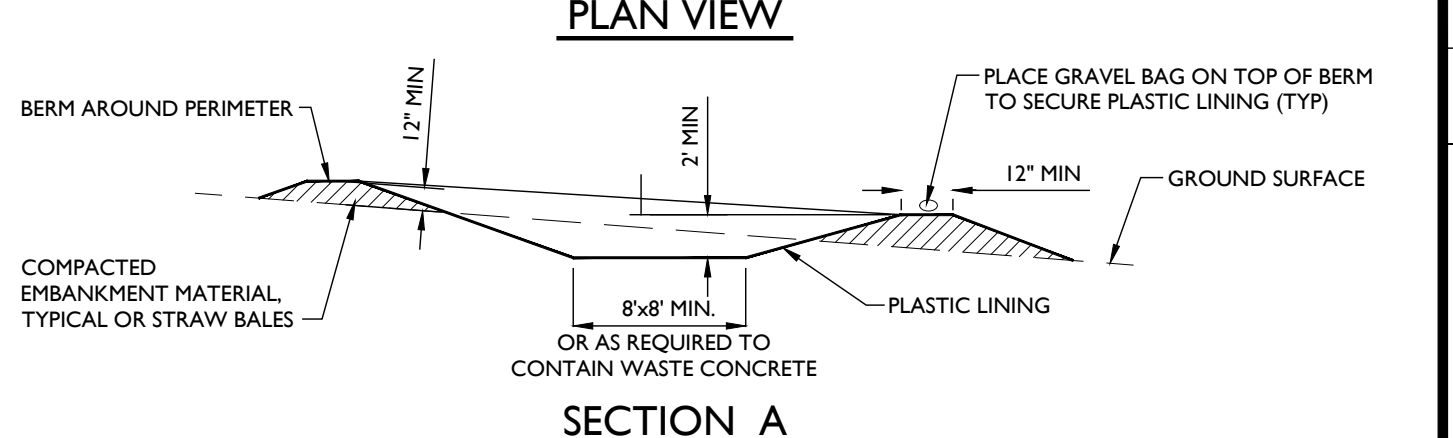
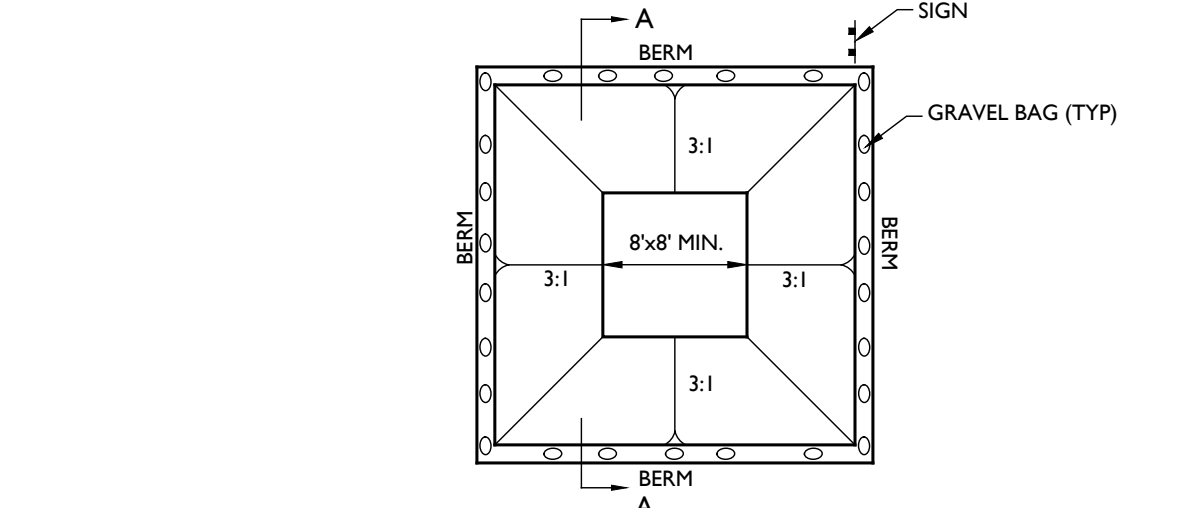
**FIBER ROLL / WATTLE SEDIMENT BARRIER DETAIL**

- NOTES:**
- EXCAVATE A BASIN OF SUFFICIENT SIZE ADJACENT TO THE DROP INLET.
  - THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWN SLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWN SLOPE SIDE OF THE STRUCTURE.
  - GRAVEL CONTAINED IN PERVIOUS BAGS MAY BE USED AS AN ALTERNATE.



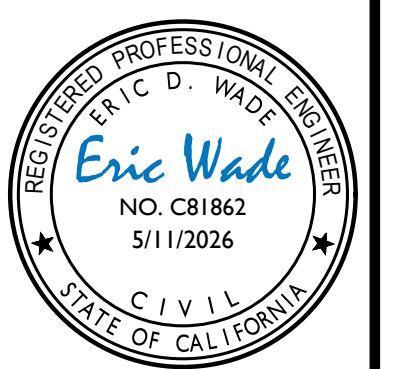
**STRAW WATTLE DRAIN INLET SEDIMENT BARRIER DETAIL**

- NOTES:**
- SEE PLAN VIEW FOR LOCATION OF CONCRETE WASHOUT AREA. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
  - SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF THE CONCRETE TRUCKS AND PUMP RIGS.
  - EXCAVATED MATERIAL SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.
  - THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
  - AT THE END OF CONSTRUCTION ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.



**CONCRETE WASHOUT AREA DETAIL**

PREPARED UNDER THE DIRECTION OF:



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