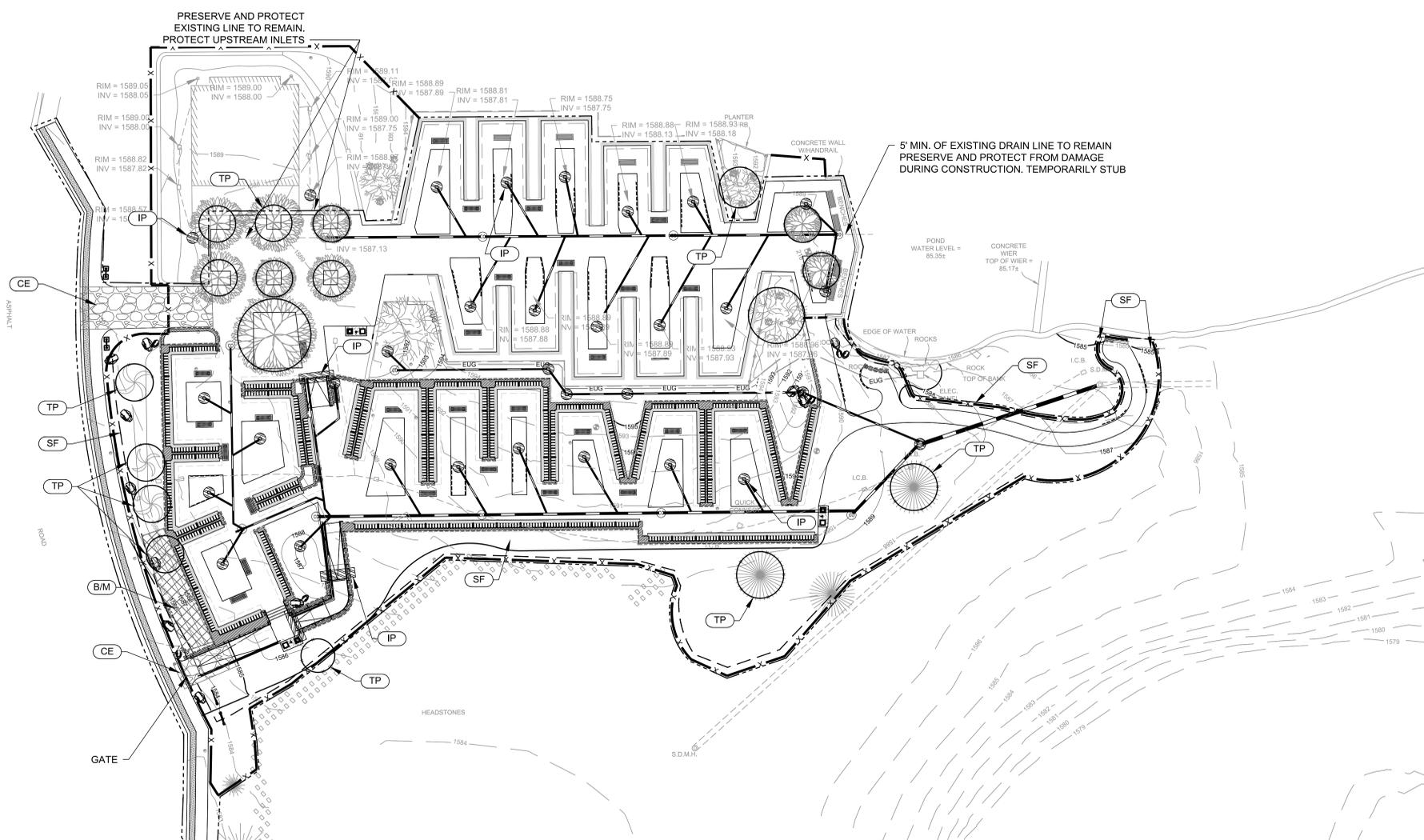


three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot



EROSION CONTROL / STORM WATER POLLUTION CONTROL:

THE CONTRACTOR IS REQUIRED TO OBTAIN COVERAGE UNDER THE GENERAL PERMIT DISCHARGES OF STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY CONSTRUCTION GENERAL PERMIT ORDER 2009-0009-DWQ (CONSTRUCTION GENERAL PERMIT). (http://www.swrcb.ca.gov/water_issues/programs/stormwater/construction.shtml)

THE CONSTRUCTION GENERAL PERMIT REQUIRES THE DEVELOPMENT AND IMPLEMENTATION OF A STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP SHOULD CONTAIN SITE MAP(S) WHICH SHOWS THE CONSTRUCTION SITE PERIMETER, EXISTING AND PROPOSED BUILDINGS, LOTS, ROADWAYS, STORM WATER COLLECTION AND DISCHARGE POINTS, GENERAL TOPOGRAPHY BOTH BEFORE AND AFTER CONSTRUCTION, AND DRAINAGE PATTERNS ACROSS THE PROJECT. THE SWPPP MUST LIST BEST MANAGEMENT PRACTICES (BMPs) THE DISCHARGER WILL USE TO PROTECT STORM WATER RUNOFF AND THE PLACEMENT OF THOSE BMPs. ADDITIONALLY, THE SWPPP MUST CONTAIN A VISUAL MONITORING PROGRAM; A CHEMICAL MONITORING PROGRAM FOR "NON-VISIBLE" POLLUTANTS TO BE IMPLEMENTED IF THERE IS A FAILURE OF BMPs; AND A SEDIMENT MONITORING PLAN IF THE SITE DISCHARGES DIRECTLY TO A WATER BODY LISTED ON THE 303(D) LIST FOR SEDIMENT. SECTION A OF THE CONSTRUCTION GENERAL PERMIT DESCRIBES THE ELEMENTS THAT MUST BE CONTAINED IN A SWPPP.

THE CONTRACTOR SHALL CONTACT THE CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY, CONSTRUCTION STORMWATER UNIT BY PHONE (866) 563-3107 OR EMAIL STORMWATER@WATERBOARDS.CA.GOV. THE CONTRACTOR SHALL FURNISH TO THE NCA THE POLLUTION PREVENTION PLAN SEVEN (7) DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A CALIFORNIA STORM WATER QUALITY ASSOCIATION QUALIFIED SWPPP PRACTITIONER (QSP) AND QUALIFIED SWPPP DEVELOPER (QSD) IN ACCORDANCE WITH THE STATE OF CALIFORNIA REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE QSP AND QSD TO DETERMINE THE BMP TYPES AND ADDITIONAL LOCATIONS NECESSARY FOR EFFECTIVE POLLUTION CONTROL IN ACCORDANCE WITH LOCAL STATE AND FEDERAL POLLUTION CONTROL REQUIREMENTS.

LOCATIONS FOR THE EROSION CONTROL MEASURES ARE RECOMMENDATIONS ONLY. INLET PROTECTION SHOWN IS FOR PROPOSED INLET LOCATIONS. INLET PROTECTION MUST ALSO BE PROVIDED FOR ALL EXISTING INLETS UNTIL INLET IS DISCONNECTED FROM STORM SEWER SYSTEM.

THE CONTRACTOR SHALL NOT BEGIN ANY SURFACE REMOVAL OR EXCAVATION UNTIL EROSION CONTROL MEASURES ARE IN PLACE FOR THE PHASE OF WORK BEING COMPLETED. EROSION CONTROL MEASURES SHALL PROCEED IN AN ORDERLY AND PROGRESSIVE MANNER AHEAD OF EXCAVATION WORK.

THE CONTRACTOR IS ADVISED THAT SEVERAL AGENCIES, INCLUDING THE OWNER, HAVE THE AUTHORITY TO "STOP WORK" IF THE POLLUTION PREVENTION CONTROL IS NOT IMPLEMENTED OR IS NOT EFFECTIVE IN PREVENTION OF ENVIRONMENTAL DAMAGE FROM CONSTRUCTION ACTIVITIES. NO COMPENSATION WILL BE FORTHCOMING FOR "LOST TIME" DUE TO A "STOP WORK" ORDER.

ALL STORM DRAIN INLETS SHALL BE PROTECTED BY APPROPRIATE BMPs DURING CONSTRUCTION UNTIL ALL SOURCES WITH POTENTIAL FOR DISCHARGING TO THE INLET HAVE BEEN STABILIZED. THIS INCLUDES ESTABLISHMENT OF ALL TURF SOD LOCATED IN THE VICINITY OF AN INLET.

THE CONTRACTOR SHALL PREPARE AND FOLLOW THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO ADDRESS POTENTIAL RUNOFF OF SURFACE WATERS CONTAINING SEDIMENT TO WATERS OF THE STATE. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION OF THIS PLAN. THIS PLAN, AS WELL AS IMPLEMENTATION, IS DESIGNED TO ELIMINATE THESE IMPACTS AND ADDRESS POTENTIAL PROBLEMS.

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REMEDIATION OF ANY ADVERSE IMPACTS TO ADJACENT WATERWAYS, WETLANDS, ETC., RESULTING FROM WORK DONE AS PART OF THIS PROJECT.

THE CONTRACTOR WILL BE REQUIRED TO FIND AN APPROPRIATE LOCATION FOR CONCRETE WASHOUT. THE LOCATION WILL REQUIRE APPROPRIATE CONTAINMENT FOR THE WASHOUT OPERATIONS AND THE COR WILL APPROVE OF THE SITE BEFORE IT MAY BE USED.

THE CONTRACTOR, AND / OR THEIR AUTHORIZED AGENTS SHALL ENSURE THAT ALL LOADS OF CUT AND FILL MATERIAL IMPORTED TO OR EXPORTED FROM THIS SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF THE MATERIAL DURING TRANSPORT ON PUBLIC RIGHT OF WAYS.

INLET PROTECTION DEVICES SHALL HAVE AN OVERFLOW TO PREVENT PONDING. FABRIC PLACED UNDER INLET CASTINGS WILL NOT BE APPROVED. THE USE OF APPROVED LOCAL OR STATE BMPs ARE RECOMMENDED.

A VEHICLE ACCESS PAD (B1/C-502) SHALL BE CONSTRUCTED AT THE CONSTRUCTION ENTRANCE TO THE SITE.

INSPECTION AND MAINTENANCE:

THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL AND WATER POLLUTION CONTROL DEVICES ONCE A WEEK AND WITHIN 24 HOURS OF EVERY RAINFALL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE, TO INCLUDE BUT NOT BE LIMITED TO: REPAIR, RESET, MUCKING, REPLACEMENT, OF ALL TEMPORARY EROSION CONTROL AND WATER POLLUTION CONTROL DEVICES UNTIL PERMANENT EROSION CONTROL IS ESTABLISHED AND THE PROJECT HAS BEEN COMPLETED AND ACCEPTED. MAINTENANCE OF EROSION CONTROL AND WATER POLLUTION CONTROL DEVICES SHALL BE INCIDENTAL AND CONSIDERED PART OF THE UNIT COST.

CONSTRUCTION SITE VEHICLE EXIT LOCATIONS MUST BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING ONTO PAVED SURFACES. TRACKED SEDIMENT MUST BE REMOVED FROM ALL OFF-SITE ROADS, WITHIN 24 HOURS OF DISCOVERY. CONSTRUCTION SITE VEHICLE EXIT LOCATIONS SHALL BE RELOCATED AS NECESSARY DEPENDENT UPON PHASING.

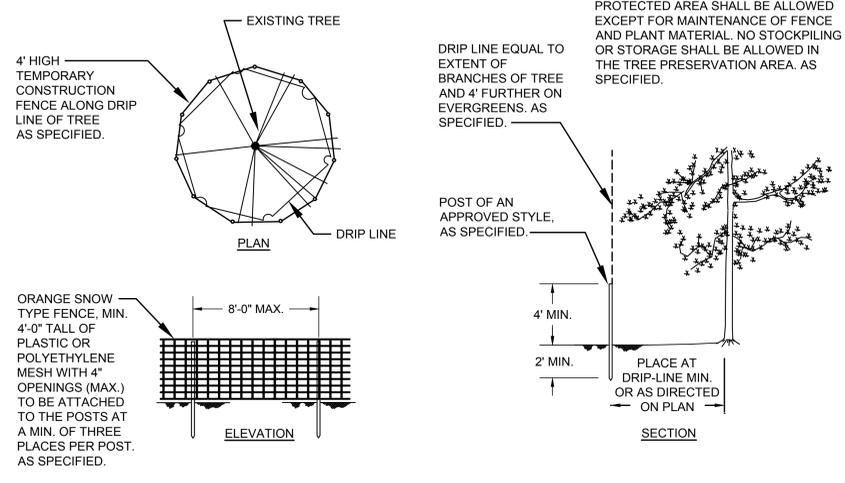
ALL SILT FENCES MUST BE REPAIRED, REPLACED, OR SUPPLEMENTED WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES 1/3 OF THE HEIGHT OF THE FENCE. THESE REPAIRS MUST BE MADE WITHIN 24 HOUR OF DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.

TEMPORARY DRAINAGE DURING CONSTRUCTION IS THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL BE AWARE OF EXISTING DRAINAGE CONDITIONS AND FACILITIES, AND SHALL PROVIDE FOR DRAINAGE AND EROSION CONTROL DURING ALL PHASES OF CONSTRUCTION. DAMAGE CAUSED BY IMPROPER TEMPORARY DRAINAGE FACILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE COR.

TYPICAL EROSION CONTROL BLANKET NOTES:

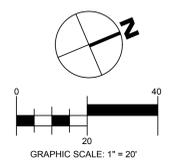
- CONTRACTOR SHALL SUBMIT MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION WITH SUBMITTALS.
- CONTRACTOR TO INSTALL EROSION CONTROL BLANKET WHERE SHOWN ON PLANS.
- CONTRACTOR TO INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- GROUND SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. BLANKETS SHALL HAVE A GOOD SOIL CONTACT.
- APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
- LAY BLANKET LOOSELY AND STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
- BURY UP SLOPE END OF EROSION CONTROL BLANKET IN A TRENCH 6" DEEP BY 6" WIDE AND HOLD IN PLACE WITH STAPLES OR ANCHORED AS PER MANUFACTURER'S RECOMMENDATIONS. TRENCH SHALL BE BACKFILLED TO GRADE AND COMPACTED.
- PROVIDE 1' MINIMUM OVERLAP OF THE EROSION CONTROL BLANKET IN BOTTOM OF THE TRENCH.

NOTE:
 TEMPORARY 4' CONSTRUCTION FENCE TO REMAIN IN PLACE DURING ALL CONSTRUCTION ACTIVITY. NO GRADING, STORAGE, PARKING OR DISTURBANCE SHALL OCCUR IN THIS AREA. AS SPECIFIED.



- LEGEND**
- INLET PROTECTION BMPs: INSTALL SEDIMENT FILTERING BMPs AT STORM DRAIN INLETS AND CATCH BASINS. SEE DETAIL D8/ C-501.
 - SILT FENCE - INSTALL SILT FENCE WITHIN THE CHAIN-LINK SECURITY FENCE. SEE DETAIL B7/ C-502.
 - PROJECT LIMITS
 - TREE PROTECTION - PROTECT EXISTING TREES TO REMAIN. SEE DETAIL THIS SHEET.
 - VEHICLE ACCESS PAD - SEE DETAIL B1/ C-502.
 - EROSION CONTROL BLANKET
 - TEMPORARY CHAIN LINK FENCE

C1 TREE PROTECTION FENCE
 1/2" = 1'-0"



Revisions:	Date:

CONSULTANTS:

ARCHITECT/ENGINEERS:

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Drawing Title
EROSION CONTROL PLAN

Approved: Project Director

Project Title
Expand Columbarium A

Project Number
 901CM3040

Building Number

Location
 Riverside National Cemetery,
 22495 Van Buren Blvd, Riverside CA 92518

Date
 May 26, 2016

Checked
 CZ

Drawn
 CZ/JM

Drawing Number
C-104

Dwg. 7 of 47

NCA DESIGN AND CONSTRUCTION SERVICE

Department of Veterans Affairs