GENERAL NOTES:

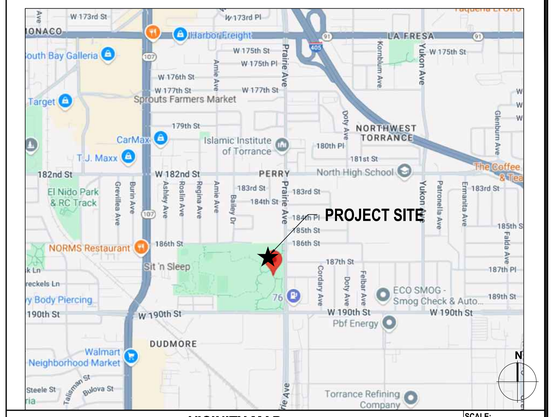
1. CONSTRUCT OFF SITE WORK TO COMPLY WITH THE REQUIREMENTS OF THE CITY OF TORRANCE. SECURE AND PAY FOR REQUIRED CONSTRUCTION PERMITS.
2. CONSTRUCT STRAIGHT GRADES BETWEEN ELEVATIONS SHOWN ON PLAN UNLESS INTERRUPTED BY A GRADE CHANGE LINE. ANY DEVIATION FROM THE GRADING PLAN MUST HAVE PRIOR APPROVAL FROM THE ENGINEER.
3. GRADE LAWN, TURF, PLANTING AND AGRICULTURAL AREA 1 ½" BELOW DESIGN GRADES INDICATED.
4. ADJUST TO DESIGN GRADE TOP OF EXISTING VALVE BOXES WITHIN AREAS TO BE REGRADED.
5. MAINTAIN A RECORD OF LOCATION OF UTILITY MARKERS ON THE AS-BUILT PLAN AND REINSTALL THEM AFTER PAVING. REPLACE BENT OR UNUSABLE MARKERS. FOR ALL UTILITY LINES DISCOVERED WITHIN THE WORK AREA, INSTALL BRASS UTILITY MARKERS INDICATING DIRECTIONS OF LINES AT ALL CHANGES IN DIRECTIONS AFTER PAVING. INFORM THE SURVEYOR TO LOCATE AND RECORD ACTUAL LOCATIONS.
6. UNCLOG, CLEAN AND FLUSH THE WORK AREA DRAINAGE SYSTEM AFTER PAVING AND IMMEDIATELY BEFORE A RAIN FORECAST.
7. ALL EXCAVATIONS, BACKFILLING AND COMPACTION SHALL BE CONTINUOUSLY INSPECTED BY THE GEOTECHNICAL ENGINEER.
8. GEOTECHNICAL REPORTS PREPARED FOR THIS PROJECT WERE PREPARED BY PARTNER ENGINEERING AND SCIENCE, INC., PROJECT NO. 24-454802.2, DATED DECEMBER 6, 2024.
9. LIMITS OF SITE - REVIEW ENTIRE SET FOR SCOPES OF WORK BEYOND LIMITS OF SITE, INCLUDING CONSTRUCTION AND PHASING/STAGING. COORDINATE WITH OWNER REPRESENTATIVE FOR SCOPES OF WORK THAT OCCURS OUTSIDE LIMITS OF SITE

ABBREVIATIONS:

AC	ASPHALT CONCRETE	DIP	DUCTILE IRON PIPE	HP	HIGH POINT		POINT OF CONNECTION	TCB	TOP OF CATCH BASIN
ADDL	ADDITIONAL	DS	DOWNSPOUT	HPFL	HIGH POINT FLOWLINE			TELE	TELEPHONE
AFSR	AUTOMATIC FIRE SPRINKLER	DW	DOMESTIC WATER			PIV	POST INDICATOR VALVE		TELECOMMUNICATIONS
AGG	AGGREGATE	DWG(S)	DRAWING(S)	INV	INVERT ELEVATION	PRC	POINT OF REVERSE CURVE	TEMP	TEMPORARY
APPROX	APPROXIMATE	DWY	DRIVEWAY	INT	INTERSECTION	PROD	PRODUCT LINE	TF	TOP OF FENCE
ARCH	ARCHITECTURAL PLANS			INV	INVERT	PSF	POUNDS PER SQUARE FOOT	TFTG	TOP OF FOOTING
		E	EAST	IRR	IRRIGATION	PSI	POUNDS PER SQUARE INCH	TG	TOP OF GRATE
BC	BEGIN CURVE	EX	EXISTING			PT	POINT	TH	TOP OF HEADER
BCR	BEGIN CURB END	EA	EACH	L	LENGTH	PVC	POLYVINYL CHLORIDE	THK	THICK
BLDG	BUILDING	ESMT	EASEMENT	LADWP	LOS ANGELES DEPT. OF WATER AND POWER	PVMT	PAVEMENT	TMH	TOP OF MANHOLE
BM	BENCH MARK	EX	END CURVE	LF	LINEAR FOOT	POT	PATH OF TRAVEL	TMS	TOP OF MOW STRIP
BOE	BOTTOM OF EXCAVATION	ECR	END CURB RETURN					TR	TRACT
BOS	BOTTOM OF STEP	EG	EDGE OF GUTTER			R	RIDGE LINE, RADIUS, RATE	TOS	TOP OF STEP
BW	BACK OF WALK	ELEV	ELEVATION	MAX	MAXIMUM	RAD	RADIAL	TTD	TOP OF TRENCH DRAIN
		ELEC	ELECTRICAL	MB	MAP BOOK	REINF	REINFORCED	TW	TOP OF WALL
C	CUT	ELY	EASTERLY	MC	MIDDLE OF CURVE	RET	RETAINING	TYP	TYPICAL
CA	CABLE	EP	EDGE OF PAVEMENT	MIN	MINIMUM	REQD	REQUIRED		
CAB	CRUSHED AGGREGATE BASE	EQ	EQUAL	MISC	MISCELLANEOUS	REV	REVISED, REVISION	VAR	VARIABLE
CATV	CABLE TELEVISION	EW	EACH WAY	MOD	MODIFIED	ROW	RIGHT OF WAY	VCP	VITRIFIED CLAP PIPE
CB	CATCH BASIN							VERT	VERTICAL
CF	CURB FACE	F	FILL	N	NORTH	S	SLOPE, SEWER, SOUTH		
C&G	CURB AND GUTTER	FF	FINISH FLOOR	NA	NOT APPLICABLE	SD	STORM DRAIN	W	WATER, WIDTH, WEST
CIP	CAST IRON PIPE	FG	FINISH GRADE	NIC	NOT IN CONTRACT	SDWK	SIDEWALK	W/	WITH
CL	CENTERLINE, CHAIN LINK	FH	FIRE HYDRANT	NLY	NORTHERLY	SHT	SHEET	WLY	WESTERLY
CLR	CLEAR	FL	FLOW LINE	NO	NUMBER, NORTH	SIM	SIMILAR	WM	WATER METER
CMP	CORRUGATED METAL PIPE	FP	FINISH PAD	NTS	NOT TO SCALE	SL	STREET LIGHT		
CO	CLEAN OUT, COUNTRY	FS	FINISH SURFACE			SLY	SOUTHERLY	XING	CROSSING
CONC	CONCRETE	FT	FOOTING	Ø	DIAMTER	SO	SOUTH		
CONN	CONNECTION, CONNECT	FUT	FUTURE	OC	ON CENTER	SPEC	SPECIFICATION		
CONST	CONSTRUCTION	FW	FIREWATER	OPNG	OPENING	SS	SANITARY SEWER		
CONT	CONTINUATION					STA	STATION		
COR	CORNER	G	GAS	PA	PLANTING AREA	STD	STANDARD		
CSP	CORRUGATED STEEL PIPE	GA	GAUGE	PD	PLANTER DRAIN	STL	STEEL		
CY	CUBIC YARDS	GALV	GALVANIZED	PCC	PORTLAND CEMENT CONCRETE	SYMM	SYMMETRICAL		
		GB	GRADE BREAK		POINT OF COMPOUND CURVE				
D	DEPTH			PKG	PARKING	T	TANGENT		
DET	DETAIL	H	HIGH, HEIGHT	PM	PARCEL MAP	TAD	TOP OF AREA DRAIN		
DIA	DIAMETER	HORIZ	HORIZONTAL	POC	POINT OF CURVE	TC	TOP OF CURB		

INDEX:

SHEET NO.	SHEET TITLE
C1.0	TITLE SHEET AND DETAILS
C2.0	SITE DEMOLITION PLAN - 1
C2.1	SITE DEMOLITION PLAN - 2
C3.0	FINISH GRADING PLAN - 1
C3.1	FINISH GRADING PLAN - 2
C4.0	SITE UTILITY PLAN
C5.0	EROSION CONTROL PLAN



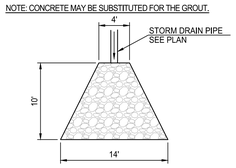
VICINITY MAP

SCALE: N.T.S.

NOTES:

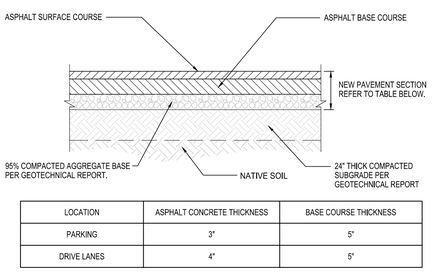
1. ROCKS FOR GROUTED RIP RAP SHALL BE GOOD QUALITY RIVER RUN ROCKS. THE SMALLEST DIMENSIONS SHALL EXCEED 6 INCHES AND THE LARGEST DIMENSIONS SHALL NOT EXCEED 24 INCHES. THE LARGEST DIMENSION SHALL NOT EXCEED 4 TIMES THE SMALLEST DIMENSION.
2. THERE SHALL BE A GROUT BED OF AT LEAST 2 INCHES BENEATH THE FIRST LAYER OF ROCK. ALL THE VOIDS BETWEEN THE ROCKS SHALL BE FILLED WITH GROUT. MAXIMUM SPACING BETWEEN ROCKS SHALL BE 2 INCHES.
3. SURFACE ROCKS SHALL BE IMBEDDED FROM ⅓ TO ½ OF THEIR MAXIMUM DIMENSION.

NOTE: CONCRETE MAY BE SUBSTITUTED FOR THE GROUT.



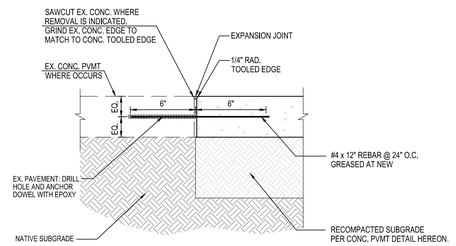
PLAN
N.T.S.

RIP RAP OUTLET STRUCTURE PLAN (11)

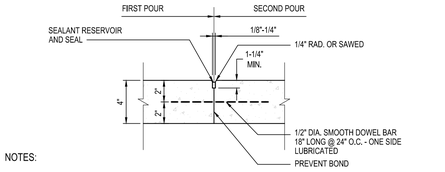


LOCATION	ASPHALT CONCRETE THICKNESS	BASE COURSE THICKNESS
PARKING	3"	5"
DRIVE LANES	4"	5"

ASPHALT CONCRETE PAVEMENT (8)



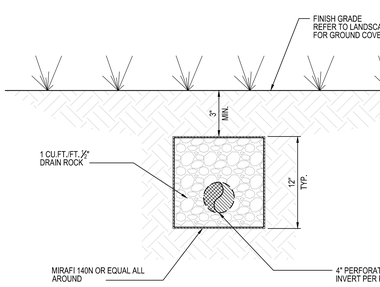
CONCRETE PAVEMENT JOINT (5)



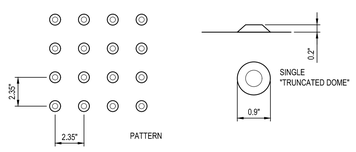
NOTES:

1. USE SMOOTH BARS FOR DOWELS COATED TO PREVENT BOND, OR GREASE ONE END PRIOR TO SECOND POUR.
2. CONSTRUCTION JOINTS SHALL ONLY BE LOCATED WHERE A CONTRACTION OR OTHER JOINT WOULD OTHERWISE HAVE BEEN REQUIRED.
3. SEE PLAN FOR THICKNESS, T.
4. FOR CONTRACTION (CONTROL) JOINTS, SEE ARCH. PLANS.
5. PROVIDE ADEQUATE SUPPORT FOR DOWELS TO ENSURE THEY REMAIN LEVEL WITH FINISH SURFACE.
6. STOP SLAB REINFORCING AT CONSTRUCTION JOINTS.

CONSTRUCTION JOINT (2)

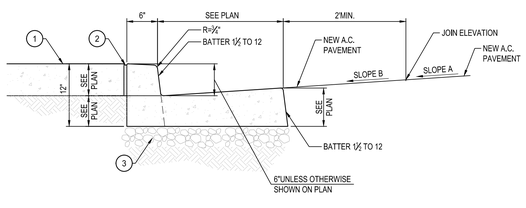


RIP RAP OUTLET STRUCTURE PLAN (11)



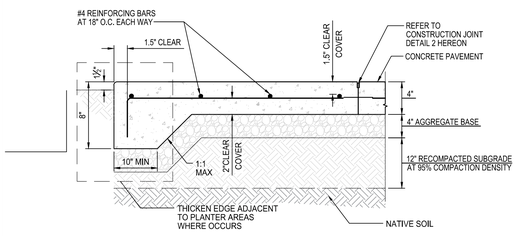
2B TRUNCATED DOMES

TRUNCATED DOMES (7)



1. CONCRETE SIDEWALK
2. EXPANSION JOINT WITH FILLER
3. 4" THICK COMPACTED AGGREGATE BASE ON COMPACTED SUBGRADE
4. SLOPE A SHALL NOT EXCEED SLOPE B

CURB AND GUTTER (4)



NOTES:

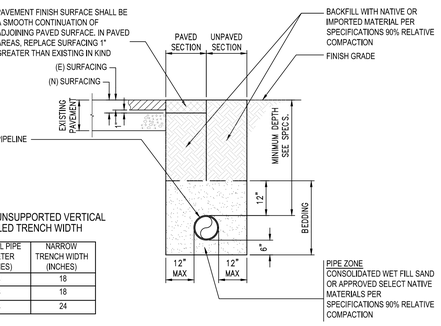
1. SEE DETAILS 2 AND 3 HEREON FOR JOINT CONSTRUCTION.
2. SEE SPECIFICATIONS FOR TYPE OF JOINT SEALANT AND JOINT FILLER.
3. SPACING OF JOINTS PER TABLE HEREON.
4. STOP SLAB REINFORCING AT EXPANSION JOINT.
5. CONTRACTOR TO SUBMIT JOINT PATTERNS FOR REVIEW AND APPROVAL TO THE ARCHITECT PRIOR TO PLACING CONCRETE.

SUGGESTED SPACING OF CONTROL JOINTS:

PAVEMENT/SLAB THICKNESS (IN)	LESS THAN ½ INCH AGGREGATE: SPACING (FT)	LARGER THAN ½ INCH AGGREGATE: SPACING (FT)	SLUMP LESS THAN 4 IN: SPACING (FT)
3	4	6	8
4	6	8	10
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24

* GIVEN SPACING ALSO APPLY TO THE DISTANCE FROM CONTROL JOINTS TO PARALLEL ISOLATION JOINTS OR TO PARALLEL CONSTRUCTION JOINTS.

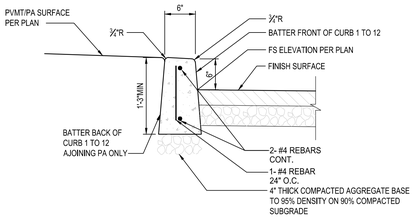
CONCRETE PAVEMENT (1)



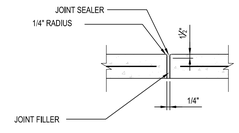
NARROW UNSUPPORTED VERTICAL WALLED TRENCH WIDTH

NOMINAL PIPE DIAMETER (INCHES)	NARROW TRENCH WIDTH (INCHES)
4	18
6	18
8	24

PERFORATED PIPE (10)



TRUNCATED DOMES (7)



JOINT FILLER:

PER ASTM D1751; ASPHALT IMPREGNATED FIBERBOARD OR FELT, 0.25-INCH; TONGUE AND GROOVE PROFILE, EXTERIOR USE ONLY.

PER ASTM D1752; PREMOLDED SPONGE RUBBER FULLY COMPRESSIBLE WITH RECOVERY RATE OF MIN. 95 PERCENT.

SEALANT:
ASTM C309, ACRYLIC COPOLYMER, HIGH SOLID CURING AND SEALING COMPOUND.

ISOLATION JOINT (3)

UTILITY IN TRENCH (9)

CONCRETE CURB (6)

CONCRETE PAVEMENT (1)

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TORRANCE, CA 90503
PH: 310 464 8404
WWW.BREENDESIGN.COM

STAMP

REGISTERED PROFESSIONAL ENGINEER — DAVID LEE — NO. C70897 — EXP. 06/30/2027 — CIVIL — STATE OF CALIFORNIA

REGULATORY APPROVALS

DRAWING ISSUANCE

NO.	ISSUE	DATE
1	PROGRESS	01/17/2025
2	100% SCHEMATIC DESIGN	01/31/2025
3	25% DESIGN DEVELOPMENT	02/21/2025
4	75% DESIGN DEVELOPMENT	04/25/2025
5	100% DESIGN DEVELOPMENT	10/09/2025
6	100% DESIGN DEVELOPMENT	11/07/2025
7	PLAN CHECK #01	12/23/2025
8	BID SET	03/22/2026

PROJECT NAME

WWII JAPANESE AMERICAN INCARCERATION MONUMENT
4045 190TH STREET
TORRANCE, CA 90504

TITLE

TITLE SHEET AND DETAILS

PROJECT 2024-16

SCALE SEE PLAN

DATE

ORIGINAL SIZE: 30"x42"

SHEET NUMBER C1.0

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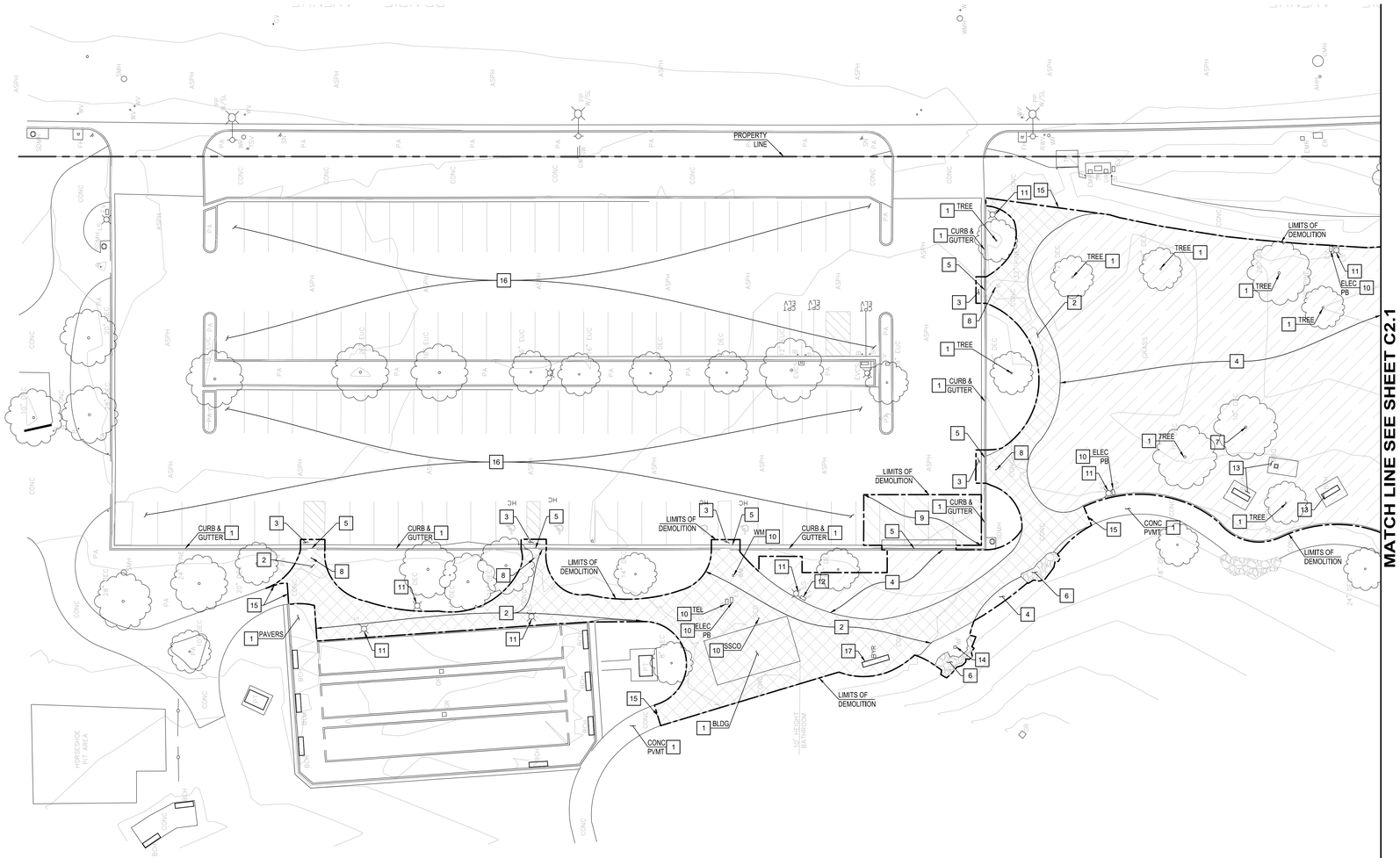
H:\PROJECTS\698 TINA CHEE LANDSCAPE STUDIO\25-001 WORLD WAR II CAMP WALL MONUMENT AT COLUMBIA PARK\01 - CAD\CIVIL\C1.0 - TITLE & DETAIL SHEET.DWG — PLOTTED BY EVAN FERNANDEZ ON 3/20/2026



H:\PROJECTS\698 TINA CHEE LANDSCAPE STUDIO\25-001 WORLD WAR II CAMP WALL MONUMENT AT COLUMBIA PARK\01 - CAD\CIVIL\C2.0 - SITE DEMOLITION PLAN.DWG - PLOTTED BY EVAN FERNANDEZ ON 3/20/2026

DEMOLITION NOTES:

1. PROTECT IN PLACE.
2. REMOVE CONCRETE PAVEMENT AND BASE.
3. REMOVE ASPHALT CONCRETE PAVEMENT AND BASE.
4. CLEAR AND GRUB PLANTER AREA.
5. REMOVE CONCRETE CURB AND GUTTER.
6. REMOVE ROCK MOUND.
7. REMOVE TREE.
8. REMOVE BOLLARD AND FOUNDATION.
9. COLDMILL 1.5" ASPHALT PAVEMENT.
10. PROTECT IN PLACE SURFACE UTILITY.
11. REMOVE AND SALVAGE AND RELOCATE LIGHT FIXTURE. REFER TO ARCHITECTURAL DEMOLITION AND RELOCATION PLAN A0.01.
12. REMOVE ELECTRICAL PULLBOX AND UNDERGROUND CONDUIT.
13. REMOVE AND SALVAGE AND RELOCATE PICNIC AND BBQ EQUIPMENT. REFER TO ARCHITECTURAL DEMOLITION AND RELOCATION PLAN A0.01.
14. REMOVE DRINKING FOUNTAIN AND VALVE BOX. CAP EXISTING WATERLINE.
15. SAWCUT CONCRETE PAVEMENT AT JOIN.
16. REMOVE ASPHALT PAVEMENT STRIPING. REFER TO ARCHITECTURAL DRAWINGS FOR NEW STRIPING.
17. REMOVE BIKE RACK.

LEGENDS:

- DEMOLITION LIMITS
- CONCRETE REMOVAL
- ASPHALT REMOVAL
- COLD MILL
- LANDSCAPE REMOVAL
- ROCK REMOVAL

0' 10' 20' 40'
GRAPHIC SCALE:1"=20'

LEAD CONSULTANT

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PROJECT NAME
WWII JAPANESE AMERICAN INCARCERATION MONUMENT
4045 190TH STREET
TORRANCE, CA 90504

TITLE
SITE DEMOLITION PLAN - 1

PROJECT 2024-16
SCALE PER PLAN
DATE
ORIGINAL SIZE: 30"x42"

SHEET NUMBER
C2.0

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DEMOLITION NOTES:

1. PROTECT IN PLACE.
2. REMOVE CONCRETE PAVEMENT AND BASE.
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LEGENDS:

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- ASPHALT REMOVAL
- COLD MILL
- LANDSCAPE REMOVAL
- ROCK REMOVAL

0' 10' 20' 40'
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PROJECT NAME
WWII JAPANESE AMERICAN INCARCERATION MONUMENT
4045 190TH STREET
TORRANCE, CA 90504

TITLE
SITE DEMOLITION PLAN - 2

PROJECT 2024-16
SCALE PER PLAN
DATE
ORIGINAL SIZE: 30"x42"

SHEET NUMBER
C2.1

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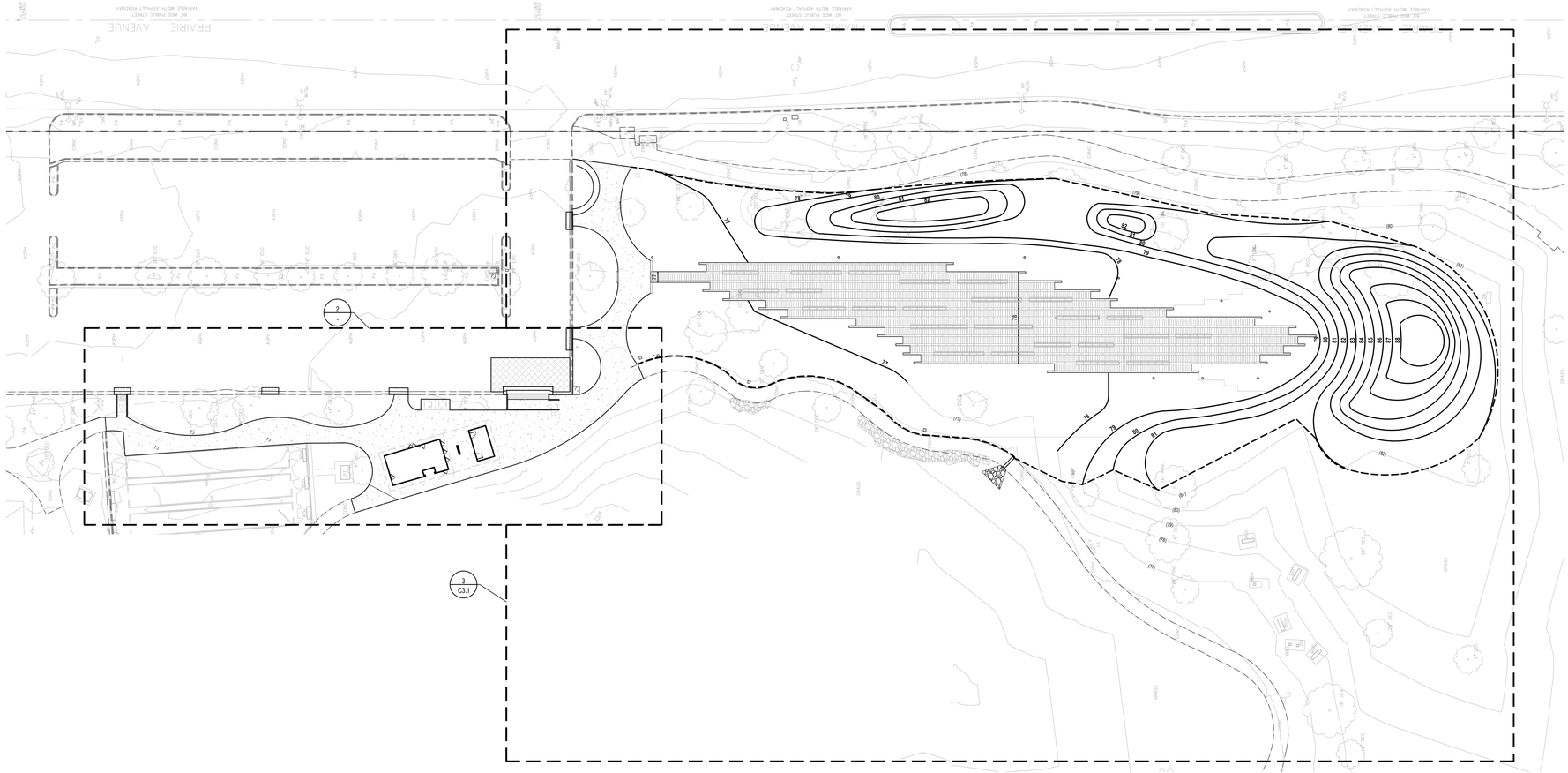


CONSTRUCTION NOTES:

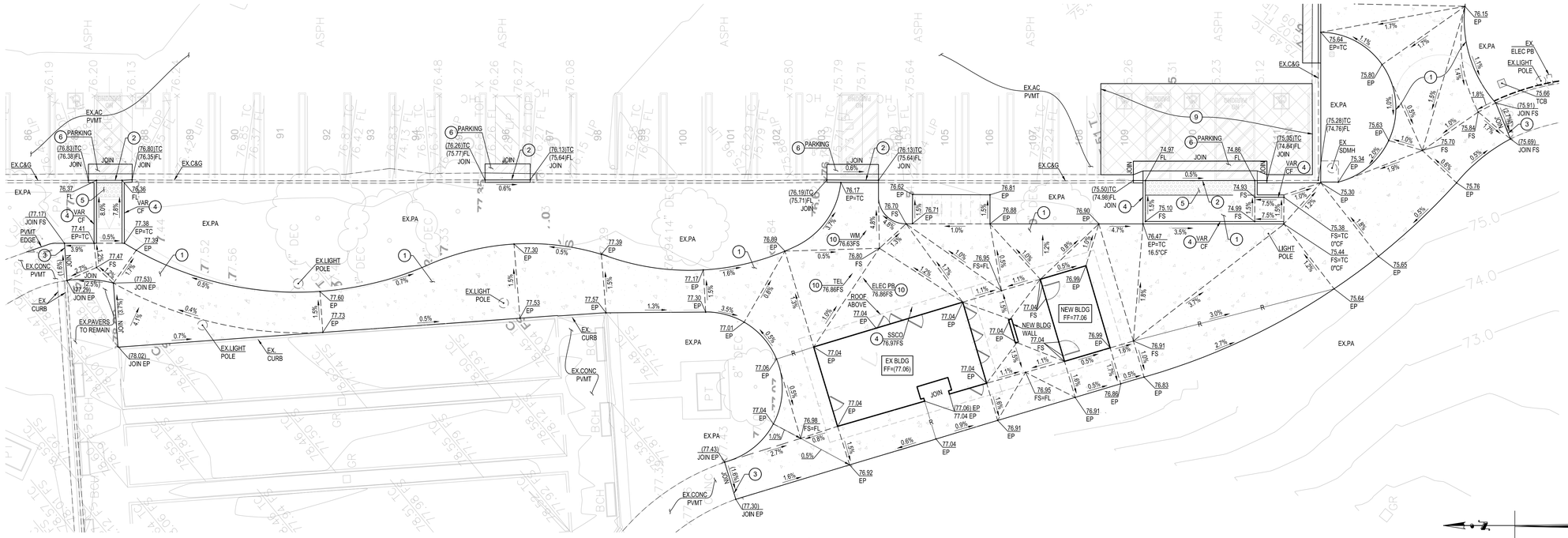
1. CONSTRUCT CONCRETE PAVEMENT PER DETAIL 1 ON SHEET C1.0.
2. CONSTRUCT CURB AND GUTTER PER DETAIL 4 ON SHEET C1.0.
3. CONSTRUCT CONCRETE JOINT PER DETAIL 5 ON SHEET C1.0.
4. CONSTRUCT CONCRETE CURB PER DETAIL 6 ON SHEET C1.0.
5. CONSTRUCT TRUNCATED DOMES PER DETAIL 7 ON SHEET C1.0.
6. CONSTRUCT ASPHALT CONCRETE PAVEMENT PER DETAIL 8 ON SHEET C1.0. PAVEMENT TYPE PER PLAN.
7. CONSTRUCT FREE STANDING WALLS PER STRUCTURAL DRAWINGS.
8. CONSTRUCT DECORATIVE STONE PAVERS PER LANDSCAPE DRAWINGS.
9. CONSTRUCT MIN 1.5" ASPHALT OVERLAY OVER COLDMILL SURFACE.
10. ADJUST EXISTING SURFACE UTILITY TO NEWLY PROPOSED ELEVATION.
11. CONSTRUCT RIP RAP PER DETAIL 11 ON SHEET C1.0.
12. CONSTRUCT DUAL OUTLET SPEE-D BASIN WITH 6" BLACK ATRIUM GRATE AND RISER BY NDS OR EQUIVALENT.
13. CONSTRUCT DUAL 18" CATCH BASIN WITH 18" BLACK ATRIUM GRATE AND RISER BY NDS OR EQUIVALENT.

LEGENDS:

- ASPHALT CONCRETE PAVEMENT
- CONCRETE PAVEMENT
- (730) EXISTING CONTOUR
- FLOW LINE
- R — R RIDGE LINE
- GRADE CHANGE
- 150.30 FS SPOT ELEVATION
- (150.30) FS EXISTING SPOT ELEVATION

EARTHWORK QUANTITIES:	
SITE CUT:	4,365 CY
SITE FILL:	600 CY
OVER-EX & RECOMPACTION:	730 CY
EXPORT:	3,765 CY

1. QUANTITIES HEREON ARE FOR PLAN CHECK PURPOSES ONLY.
2. CONTRACTOR SHALL PROVIDE SEPARATE EARTHWORK QUANTITIES FOR BIDDING PURPOSES.



LEAD CONSULTANT

CHEE SALETTE
ARCHITECT + LANDSCAPE ARCHITECT
1625 SOUTH CENTRAL AVENUE, GLENDALE, CA 91204
TEL : 747.240.6926

SUB CONSULTANT

BREEN DESIGN GROUP
3825 DEL AMO BOULEVARD
TORRANCE, CA 90503
PH: 310 464 8404
WWW.BREENDESIGN.COM

STAMP

REGISTERED PROFESSIONAL ENGINEER
DAVID LEE
NO. C70897
EXP. 06/30/2027
CIVIL
STATE OF CALIFORNIA

REGULATORY APPROVALS

DRAWING ISSUANCE

NO.	ISSUE	DATE
1	PROGRESS	01/17/2025
2	100% SCHEMATIC DESIGN	01/31/2025
3	25% DESIGN DEVELOPMENT	02/21/2025
4	75% DESIGN DEVELOPMENT	04/25/2025
5	100% DESIGN DEVELOPMENT	10/09/2025
6	100% DESIGN DEVELOPMENT	11/07/2025
7	PLAN CHECK #01	12/23/2025
8	BID SET	03/22/2026

PROJECT NAME

WWII JAPANESE AMERICAN INCARCERATION MONUMENT

4045 190TH STREET
TORRANCE, CA 90504

TITLE

FINISH GRADIING PLAN - 1

PROJECT 2024-16
SCALE PER PLAN
DATE

SHEET NUMBER C3.0

ORIGINAL SIZE: 30"x42"

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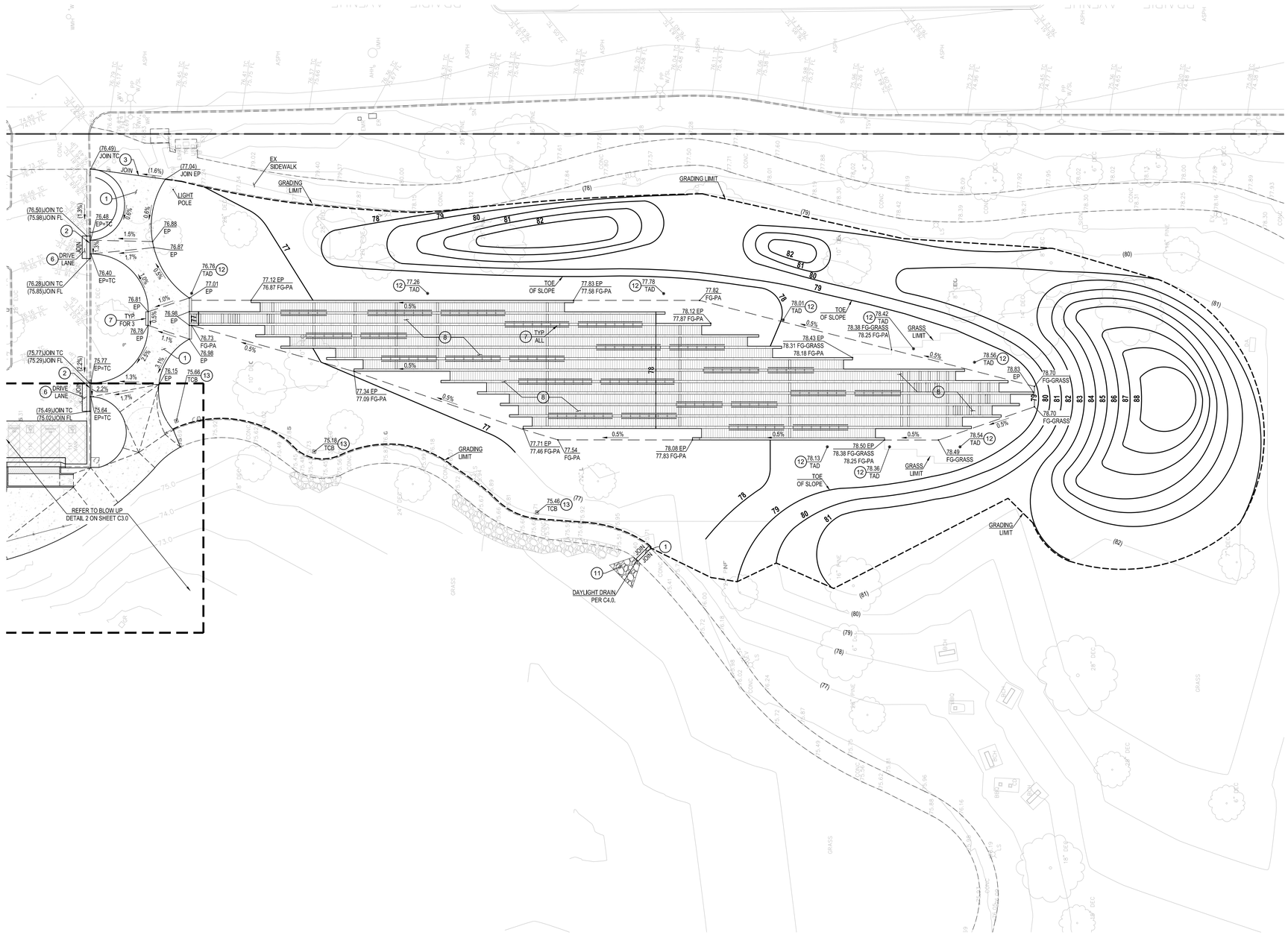
H:\PROJECTS\698 TINA CHEE LANDSCAPE STUDIO\25-001 WORLD WAR II CAMP WALL MONUMENT AT COLUMBIA PARK\01 - CAD\CIVIL\C3.0 - FINISH GRADING PLAN.DWG -- PLOTTED BY EVAN FERNANDEZ ON 3/20/2026



CONSTRUCTION NOTES:

1. CONSTRUCT CONCRETE PAVEMENT PER DETAIL 1 ON SHEET C1.0.
2. CONSTRUCT CURB AND GUTTER PER DETAIL 4 ON SHEET C1.0.
3. CONSTRUCT CONCRETE JOINT PER DETAIL 5 ON SHEET C1.0.
4. CONSTRUCT CONCRETE CURB PER DETAIL 6 ON SHEET C1.0.
5. CONSTRUCT TRUNCATED DOMES PER DETAIL 7 ON SHEET C1.0.
6. CONSTRUCT ASPHALT CONCRETE PAVEMENT PER DETAIL 8 ON SHEET C1.0. PAVEMENT TYPE PER PLAN.
7. CONSTRUCT FREE STANDING WALLS PER STRUCTURAL DRAWINGS.
8. CONSTRUCT DECORATIVE STONE PAVERS PER LANDSCAPE DRAWINGS.
9. CONSTRUCT MIN 1.5" ASPHALT OVERLAY OVER COLDMILL SURFACE.
10. ADJUST EXISTING SURFACE UTILITY TO NEWLY PROPOSED ELEVATION.
11. CONSTRUCT RIP RAP PER DETAIL 11 ON SHEET C1.0.
12. CONSTRUCT DUAL OUTLET SPEE-D BASIN WITH 6" BLACK ATRIUM GRATE AND RISER BY NDS OR EQUIVALENT.
13. CONSTRUCT DUAL 18" CATCH BASIN WITH 18" BLACK ATRIUM GRATE AND RISER BY NDS OR EQUIVALENT.

LEGENDS:

- ASPHALT CONCRETE PAVEMENT
- CONCRETE PAVEMENT
- (79) EXISTING CONTOUR
- FLOW LINE
- R — R RIDGE LINE
- GRADE CHANGE
- 150.30 FS SPOT ELEVATION
- (150.30) FS EXISTING SPOT ELEVATION

0' 10' 20' 40'
GRAPHIC SCALE:1"=20'

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7	PLAN CHECK #01	12/23/2025
8	BID SET	03/22/2026

PROJECT NAME
WWII JAPANESE AMERICAN INCARCERATION MONUMENT
4045 190TH STREET
TORRANCE, CA 90504

TITLE
FINISH GRADIING PLAN - 2

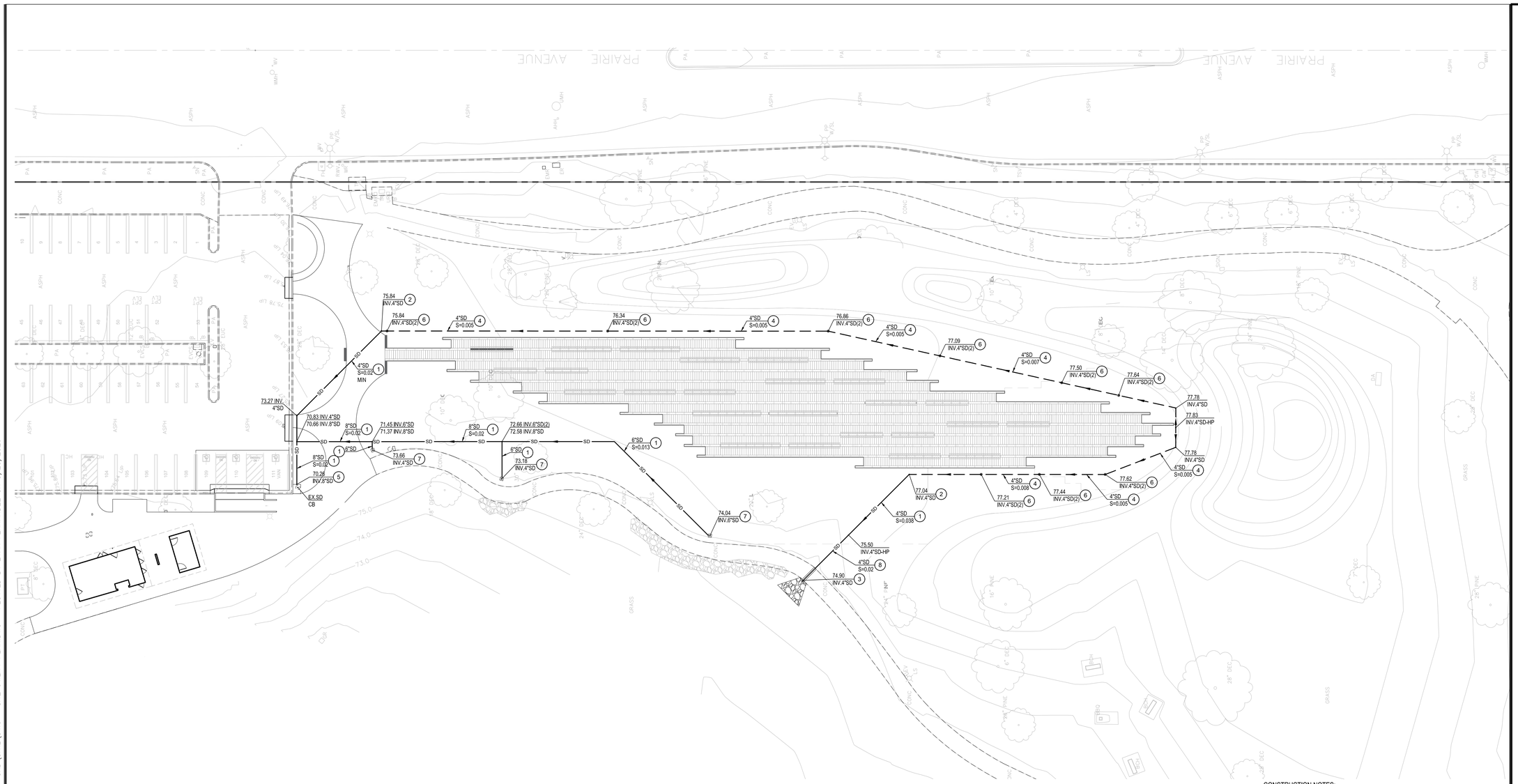
PROJECT 2024-16
SCALE PER PLAN
DATE

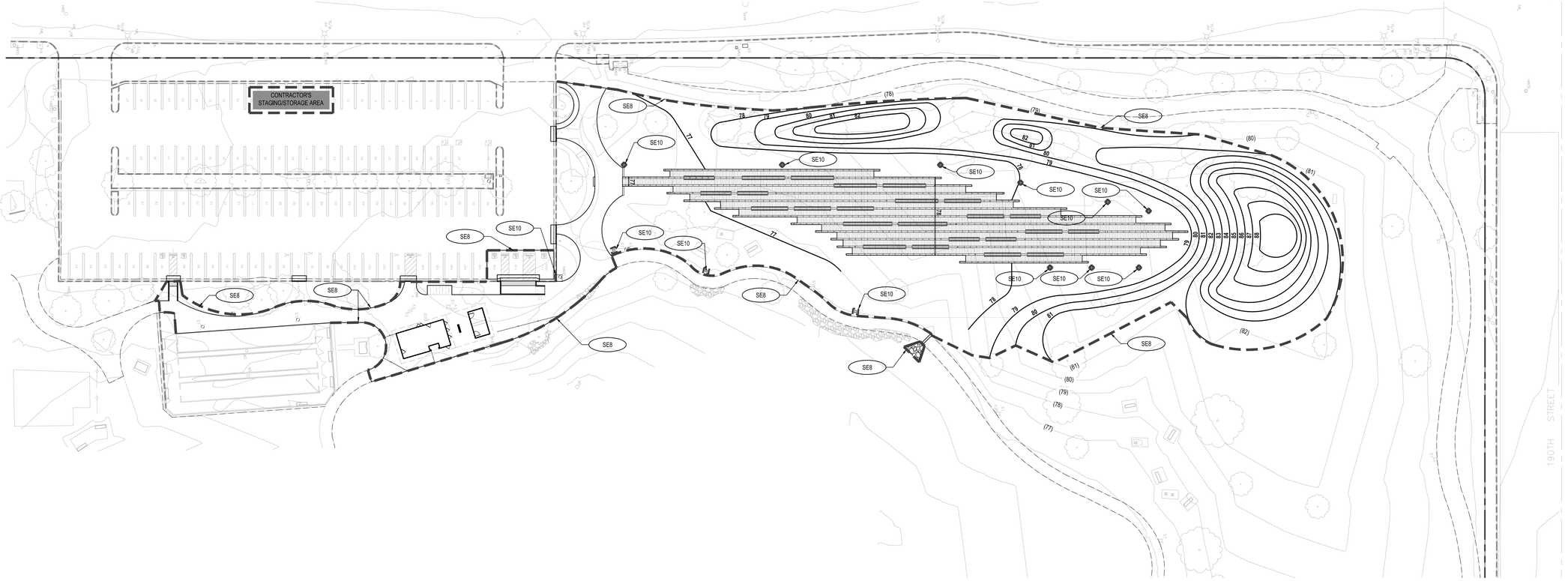
SHEET NUMBER
C3.1

ORIGINAL SIZE: 30"x42"

©CSAO,INC.

H:\PROJECTS\698 TINA CHEE LANDSCAPE STUDIO\25-001 WORLD WAR II CAMP WALL MONUMENT AT COLUMBIA PARK\01 - CAD\CIVIL\C3.0 - FINISH GRADING PLAN.DWG - PLOTTED BY EVAN FERNANDEZ ON 3/20/2026


75.84
INV.4"SD
2
75.84
INV.4"SD(2)
6
4"SD
S=0.005
4
76.34
INV.4"SD(2)
6
4"SD
S=0.005
4
76.86
INV.4"SD(2)
6
4"SD
S=0.005
4
77.09
INV.4"SD(2)
6
4"SD
S=0.007
4
77.50
INV.4"SD(2)
6
77.64
INV.4"SD(2)
6
77.78
INV.4"SD
77.83
INV.4"SD-HP
77.78
INV.4"SD
4"SD
S=0.005
4
4"SD
S=0.02
MIN
1
SD
73.27 INV.
4"SD
70.83 INV.4"SD
70.66 INV.8"SD
8"SD
S=0.02
1
71.45 INV.6"SD
71.37 INV.8"SD
8"SD
S=0.02
1
72.66 INV.6"SD(2)
72.58 INV.8"SD
6"SD
1
8"SD
S=0.02
1
6"SD
1
73.66
INV.4"SD
7
6"SD
S=0.013
1
73.18
INV.4"SD
7
70.26
INV.8"SD
5
EX SD
CB
74.04
INV.8"SD
7
77.04
INV.4"SD
2
4"SD
S=0.038
1
77.21
INV.4"SD(2)
6
4"SD
S=0.008
4
77.44
INV.4"SD(2)
6
77.62
INV.4"SD(2)
6
4"SD
S=0.005
4
75.50
INV.4"SD-HP
4"SD
S=0.02
8
74.90
INV.4"SD
3
PRAIRIE AVENUE
ASPH
CONC
GRASS
DIRT
PA
W/L
EX. 28" PINE
EX. 24" PINE
EX. 16" PINE
EX. 10" DEC
EX. 18" DEC
EX. 24" DEC
EX. 28" DEC
EX. 6" DEC
EX. 8" DEC
EX. 4" DEC
EX. 24" INF
EX. 6" INF
EX. 8" INF
EX. 10" INF
EX. 12" INF
EX. 18" INF
EX. 24" INF
EX. 28" INF
EX. 30" INF
EX. 36" INF
EX. 42" INF
EX. 48" INF
EX. 54" INF
EX. 60" INF
EX. 66" INF
EX. 72" INF
EX. 78" INF
EX. 84" INF
EX. 90" INF
EX. 96" INF
EX. 102" INF
EX.



H:\PROJECTS\698 TINA CHEE LANDSCAPE STUDIO\25-001 WORLD WAR II CAMP WALL MONUMENT AT COLUMBIA PARK\01 - CAD\CIVIL\C5.0 - EROSION CONTROL PLAN.DWG - PLOTTED BY EVAN FERNANDEZ ON 3/20/2026

CONSTRUCTION BMPs:

EROSION CONTROL

EC1 - SCHEDULING
EC2 - PRESERVATION OF EXISTING VEGETATION
EC3 - HYDRAULIC MULCH
EC4 - HYDROSEEDING
EC5 - SOIL BINDERS
EC6 - STRAW MULCH
EC7 - GEOTEXTILES & MATS
EC8 - WOOD MULCHING
EC9 - EARTH DIKES AND DRAINAGE SWALES
EC10 - VELOCITY DISSIPATION DEVICES
EC11 - SLOPES DRAINS
EC12 - STREAMBANK STABILIZATION
EC13 - RESERVED
EC14 - COMPOST BLANKETS
EC15 - SOIL PREPARATION/ROUGHENING
EC16 - NON-VEGETATED STABILIZATION

TEMPORARY SEDIMENT CONTROL

SE1 - SILT FENCE
SE2 - SEDIMENT BASIN
SE3 - SEDIMENT TRAP
SE4 - CHECK DAM
SE5 - FIBER ROLLS
SE6 - GRAVEL BAG BERM
SE7 - STREET SWEEPING AND VACUUMING
SE8 - SANDBAG BARRIER
SE9 - STRAW BALE BARRIER
SE10 - STORM DRAIN INLET PROTECTION
SE11 - ACTIVE TREATMENT SYSTEMS
SE12 - TEMPORARY SILT DIKE
SE13 - COMPOST SOCKS & BERMS
SE14 - BIOFILTER BAGS

WIND EROSION CONTROL

WE1 - WIND EROSION CONTROL

EQUIPMENT TRACKING CONTROL

TC1 - STABILIZED CONSTRUCTION ENTRACE/EXIT
TC2 - STABILIZED CONSTRUCTION ROADWAY
TC3 - ENTRANCE/OUTLET TIRE WASH

NON-STORMWATER MANAGEMENT

NS1 - WATER CONSERVATION PRACTICES
NS2 - DEWATERING OPERATIONS
NS3 - PAVING AND GRINDING OPERATIONS
NS4 - TEMPORARY STREAM CROSSING
NS5 - CLEAR WATER DIVERSION
NS6 - ILLICIT CONNECTION/DISCHARGE
NS7 - POTABLE WATER/IRRIGATION
NS8 - VEHICLE AND EQUIPMENT CLEANING
NS9 - VEHICLE AND EQUIPMENT FUELING
NS10 - VEHICLE AND EQUIPMENT MAINTENANCE
NS11 - PILE DRIVING OPERATIONS
NS12 - CONCRETE CURING
NS13 - CONCRETE FINISHING
NS14 - MATERIAL AND EQUIPMENT USE
NS15 - DEMOLITION ADJACENT TO WATER
NS16 - TEMPORARY BATCH PLANTS

WATER MANAGEMENT & MATERIAL POLLUTION CONTROL

WM1 - MATERIAL DELIVERY
WM2 - MATERIAL USE
WM3 - STOCKPILE MANAGEMENT
WM4 - SPILL PREVENTION AND CONTROL
WM5 - SOLID WASTE MANAGEMENT
WM6 - HAZARDOUS WASTE MANAGEMENT
WM7 - CONTAMINATION SOIL MANAGEMENT
WM8 - CONCRETE WASTE MANAGEMENT
WM9 - SANITARY/SEPTIC WASTE MANAGEMENT
WM10 -LIQUID WASTE MANAGEMENT

EROSION CONTROL GENERAL NOTES:

1. IN CASE OF EMERGENCY CALL LUIS ORTEGA (24-HR CONTACT) @ 310-953-1355.
2. A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOVEMBER 1 TO APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE ONSITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.
3. EROSION CONTROL DEVICES SHOWN ON THIS PLAN MAY BE REMOVED IF THE GRADING HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
4. GRADED AREAS ADJACENT TO FILL SLOPES LOCATED AT THE SITE PERIMETER MUST DRAIN AWAY FROM THE TOP OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY. ALL LOOSE SOILS AND DEBRIS THAT MAY CREATE A POTENTIAL HAZARD TO OFF-SITE PROPERTY SHALL BE STABILIZED OR REMOVED FROM THE SITE ON A DAILY BASIS.
5. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY.
6. A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED DRY WITHIN 24 HOURS AFTER EACH RAINSTORM. PUMPING AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DEWATERING OPERATIONS.
7. THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE AND CONTAIN POLLUTANTS WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE CONTRACTOR. ADDITIONAL DEVICES AS NEEDED SHALL BE INSTALLED TO RETAIN SEDIMENTS AND OTHER POLLUTANTS ON SITE.
8. DESILTING BASINS MAY NOT BE REMOVED OR MADE INOPERABLE BETWEEN NOVEMBER 1 AND APRIL 15 OF THE FOLLOWING YEAR, UNLESS THE GRADING HAS PROGRESSED TO WHERE THEY ARE NO LONGER REQUIRED.
9. STORM WATER POLLUTION AND EROSION CONTROL DEVICES ARE TO BE MODIFIED, AS NEEDED, AS THE PROJECT PROGRESSES. THE DESIGN AND PLACEMENT OF THESE DEVICES IS THE RESPONSIBILITY OF THE CONTRACTOR.
10. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NONSTORM WATER FROM THE PROJECT SITES AT ALL TIMES.
11. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ONSITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
12. STOCKPILES OF EARTH AND OTHER POLLUTANTS MUST BE RETAINED ONSITE AND MAY NOT BE TRANSPORTED FROM THE SITE BY THE FORCES OF WIND AND WATER.
13. FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOILS AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
14. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ONSITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
15. THE CONTRACTORS ARE RESPONSIBLE TO INSPECT THAT ALL EROSION CONTROL DEVICE BMP's ARE INSTALLED AND FUNCTIONING PROPERLY IF THERE IS A 40% CHANCE OF 0.25 INCHES OR GREATER OF PREDICTED PRECIPITATION, AND AFTER ACTUAL PRECIPITATION. A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL (COPIES OF THE SELF INSPECTION CHECK LIST AND INSPECTION LOGS ARE AVAILABLE UPON REQUEST).
16. TRASH AND CONSTRUCTION-RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OR RAINWATER AND DISPERSAL BY WIND.
17. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICULAR TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
18. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED TO INHIBIT EROSION BY WIND AND WATER.
19. THE FOLLOWING BMP's FROM THE "CALIFORNIA STORM WATER BMP CONSTRUCTION HANDBOOK" - 2024, MUST BE IMPLEMENTED FOR ALL CONSTRUCTION ACTIVITIES AS APPLICABLE.
20. AS THE ARCHITECT/ENGINEER OF RECORD, I HAVE SELECTED APPROPRIATE BMPs TO EFFECTIVELY MINIMIZE THE NEGATIVE IMPACTS OF THE PROJECT'S CONSTRUCTION ACTIVITIES ON STORM WATER QUALITY. THE PROJECT OWNER AND CONTRACTOR ARE AWARE THAT THE SELECTED BMPs MUST BE INSTALLED, MONITORED, AND THE MAINTAINED TO ENSURE THEIR EFFECTIVENESS. THE BMPs NOT SELECTED FOR IMPLEMENTATION ARE REDUNDANT OR DEEMED NOT APPLICABLE TO THE PROPOSED CONSTRUCTION ACTIVITY.

CIVIL ENGINEER/ARCHITECTS SIGNATURE

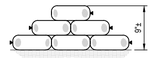
12-24-2025
DATE

21. PROVIDE INLET CONTROL MEASURES FOR ALL EXISTING AND PROPOSED STORM DRAIN INLETS.

LEGEND:

CONTRACTOR'S STAGING/STORAGE AREA

CONTRACTOR'S STAGING/STORAGE AREA. INCLUDE: WM-1 MATERIAL DELIVERY AND STORAGE, WM-2 MATERIAL USE, WM-3 STOCKPILE MANAGEMENT, WM-4 SPILL PREVENTION, WM-5 SOLID WASTE MANAGEMENT, WM-6 HAZARDOUS WASTE MANAGEMENT, WM-8 CONCRETE WASTE MANAGEMENT AND WM-9 SANITARY/SEPTIC WASTE MANAGEMENT SANDBAG ENTIRE PERIMETER OF STAGING/STORAGE AREA.



0' 15' 30' 60'
GRAPHIC SCALE:1"=30'

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PROJECT NAME

WWII JAPANESE AMERICAN INCARCERATION MONUMENT

4045 190TH STREET
TORRANCE, CA 90504

TITLE

EROSION CONTROL PLAN

PROJECT
2024-16

SCALE
PER PLAN

DATE

SHEET NUMBER
C5.0

ORIGINAL SIZE: 30"x42"

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