



National Park Service
U.S. Department of the Interior

Golden Gate National Recreation Area
Date: 5/26/2016

ATTACHMENT D

Design Documents

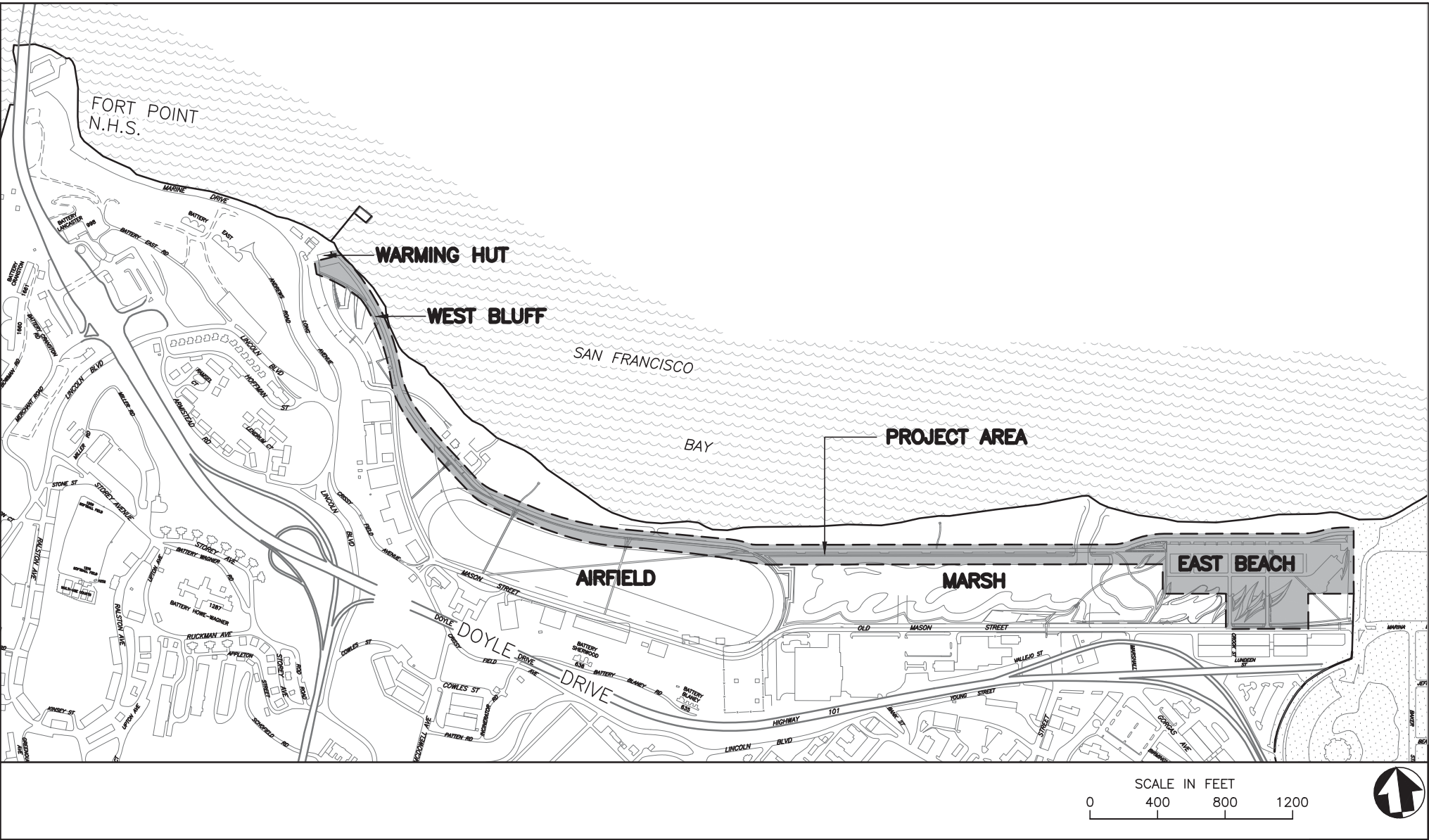
This page left intentionally blank.

CRISSY FIELD

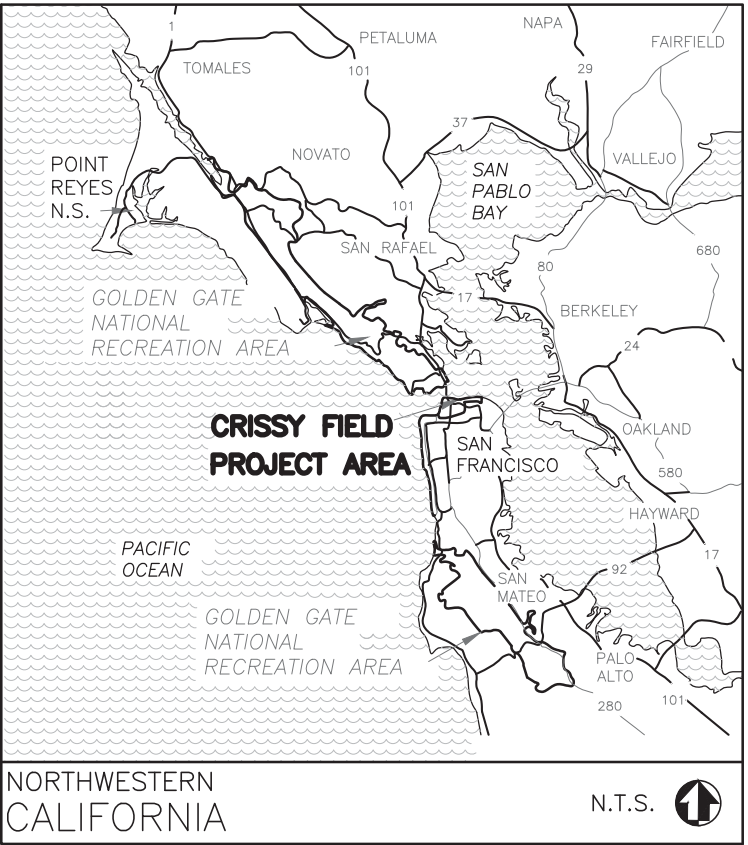
PROMENADE RESURFACING AND EAST BEACH RECONFIGURATION PMIS# 221770

SAN FRANCISCO, CALIFORNIA

LOCATION MAP



VICINITY MAP

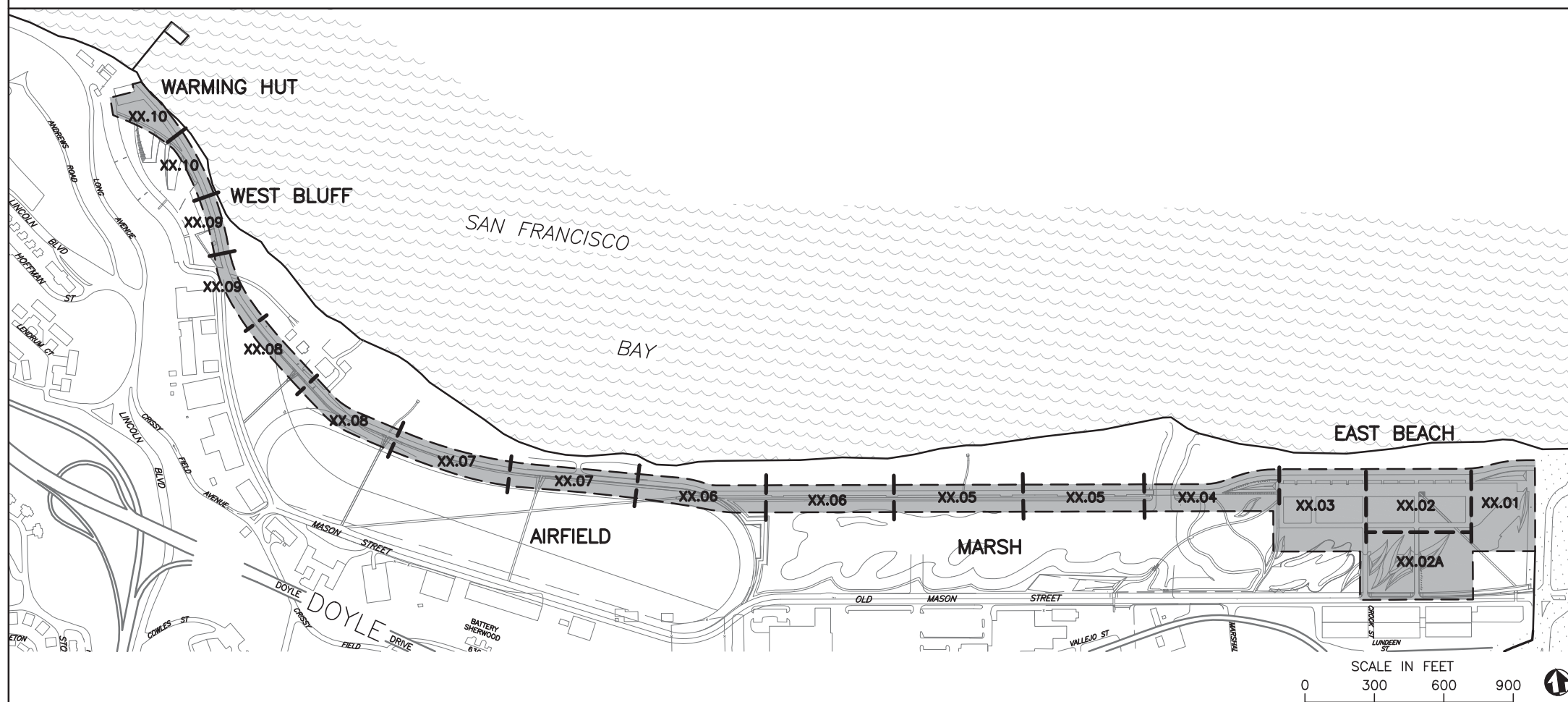


CMG
CONGER MOSS GUILLARD
906 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/436-3070
FACSIMILE: 415/436-3088



DRAFT PROGRESS SET: MAY 20, 2016		TITLE OF DRAWING COVER SHEET		DRAWING NO. GO.00	
UNITED STATES DEPARTMENT OF THE INTERIOR		CRISSY FIELD: PROMENADE RESURFACING AND EAST BEACH PARKING RECONFIGURATION		PKG. NO. _____ SHEET 1	
NATIONAL PARK SERVICE DENVER SERVICE CENTER		NAME OF PARK GOLDEN GATE NATIONAL RECREATION AREA		OF _____	
		REGION COUNTY STATE PACIFIC WEST SAN FRANCISCO CALIFORNIA			

SHEET KEY



ABBREVIATIONS

©	AT	R	RADIUS
AB	AGGREGATE BASE	RE	RIM ELEVATION
AC	ASPHALT CONCRETE	SAD	SEE ARCHITECTURAL DRAWINGS
AD	AREA DRAIN	SCD	SEE CIVIL DRAWINGS
BLDG	BUILDING	SCH	SCHEDULE
BOC	BACK OF CURB	SCSP	STABILIZED CRUSHED STONE PAVING
BOW	BACK OF WALK	SED	SIMILAR
BS	BOTTOM OF STAIR	SIM	SEE ELECTRICAL DRAWINGS
BW	BOTTOM OF WALL AT FS	SJ	SCORE JOINT
CB	CATCH BASIN	SPECS	SPECIFICATIONS
CIP	CAST IN PLACE; CAST IRON PIPE	SQ	SQUARE
CJ	CONTROL JOINT	SS	STAINLESS STEEL; SANITARY SEWER
CLR	CLEAR	SSD	SEE STRUCTURAL DRAWINGS
CONT	CONTINUOUS	STD	STANDARD
DIA	DIAMETER	SW	SIDEWALK
(E)	EXISTING	T&B	TOP AND BOTTOM
EA	EACH	TBD	TO BE DETERMINED
EJ	EXPANSION JOINT	TC	TOP OF CURB
EL	ELEVATION	TOS	TOP OF STRUCTURAL SLAB
EQ	EQUAL	TS	TOP OF STAIR
EW	EACH WAY	TW	TOP OF WALL
FF	FINISHED FLOOR	TYP	TYPICAL
FG	FINISHED GRADE, PLANTING	UON	UNLESS OTHERWISE NOTED
FS	FINISH SURFACE, PAVING	VAR	VARIES
FT	FEET	VIF	VERIFY IN FIELD
GALV	GALVANIZED	WP	WATERPROOFING
GB	GRADE BREAK		
GL	GRID LINE		
HORIZ.	HORIZONTAL		
	ISOLATION JOINT		
LOW	LIMIT OF WORK		
ME	MATCH EXISTING		
MFR	MANUFACTURER		
(N)	NEW		
NIC	NOT IN CONTRACT		
NO.; #	NUMBER		
NTS	NOT TO SCALE		
OC	ON CENTER		
OD	OUTSIDE DIAMETER		
PA	PLANTING AREA		
PKG	PACKAGE		
P.O.B.	POINT OF BREAK/BEGINNING		
PROP.	PROPOSED		

SHEET INDEX

G0.00	COVER SHEET
G0.01	SHEET INDEX, SHEET KEY & ABBREVIATIONS
G0.02	GENERAL NOTES
G0.03	ACCESSIBILITY PLAN
D1.00	DEMOLITION SCHEDULE
D1.01	DEMOLITION PLAN
D1.02	DEMOLITION PLAN
D1.03	DEMOLITION PLAN
D1.04	DEMOLITION PLAN
D1.05	DEMOLITION PLAN
D1.06	DEMOLITION PLAN
D1.07	DEMOLITION PLAN
D1.08	DEMOLITION PLAN
D1.09	DEMOLITION PLAN
D1.10	DEMOLITION PLAN
C1.01	EAST BEACH DRAINAGE PLAN
C1.02	WEST BLUFF DRAINAGE PLAN
C2.01	ROCK SHORE PROTECTION PLAN
C2.02	ROCK SHORE PROTECTION SECTIONS
L1.00	MATERIALS SCHEDULE
L1.01	LAYOUT AND MATERIALS PLAN
L1.02	LAYOUT AND MATERIALS PLAN
L1.02A	LAYOUT AND MATERIALS PLAN
L1.03	LAYOUT AND MATERIALS PLAN
L1.04	LAYOUT AND MATERIALS PLAN
L1.05	LAYOUT AND MATERIALS PLAN
L1.06	LAYOUT AND MATERIALS PLAN
L1.07	LAYOUT AND MATERIALS PLAN
L1.08	LAYOUT AND MATERIALS PLAN
L1.09	LAYOUT AND MATERIALS PLAN
L1.10	LAYOUT AND MATERIALS PLAN
L2.01	GRADING PLAN
L2.02	GRADING PLAN
L2.03	GRADING PLAN
L2.04	GRADING PLAN
L2.05	GRADING PLAN
L2.06	GRADING PLAN
L2.07	GRADING PLAN
L2.08	GRADING PLAN
L2.09	GRADING PLAN
L2.10	GRADING PLAN
L3.00	PLANTING SCHEDULE
L3.02	PLANTING PLAN
L3.03	PLANTING PLAN
L3.10	PLANTING PLAN
L4.00	IRRIGATION LEGEND AND NOTES
L4.02	IRRIGATION PLAN
L4.03	IRRIGATION PLAN
L4.10	IRRIGATION PLAN
L5.01	SECTIONS — PROMENADE
L6.01	DETAILS — PAVING
L6.02	DETAILS — PAVING
L6.10	DETAILS — SITE ELEMENTS
L6.11	DETAILS — SITE FURNITURE
L6.12	DETAILS — SITE FURNITURE
L6.21	DETAILS — IRRIGATION
L6.22	DETAILS — IRRIGATION
L6.31	DETAILS — PLANTING

CMG
CONGER MOSS GUILLARDO
900 THIRD STREET SUITE 210
SAN FRANCISCO, CA 94107
TELEPHONE: 415/495-3070
FACSIMILE: 415/495-3090

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.		
CMG				SHEET INDEX, SHEET KEY & ABBREVIATIONS CRISSY FIELD: PROMENADE RESURFACING AND EAST BEACH PARKING RECONFIGURATION GOLDEN GATE NATIONAL RECREATION AREA THE PRESIDIO OF SAN FRANCISCO	G0.01
ADD					
HN/JH/RG					
TECH. REVIEW:					
KC/GB/CR	221770				
DATE:			SHEET		
05.20.2016			02 OF XX		

GENERAL NOTES

LIMIT OF WORK

1. THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS, AND APPLICABLE REQUIREMENTS OF OTHER REGULATORY AGENCIES.
2. WRITTEN SPECIFICATIONS ARE PART OF THE CONSTRUCTION DOCUMENTATION PACKAGE. CONTRACTOR IS RESPONSIBLE FOR WRITTEN SPECIFICATIONS AND DRAWING PACKAGE.
3. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE WORK INDICATED ON THE LANDSCAPE DRAWINGS IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS.
4. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY AND COMPLETENESS OF THE INFORMATION SHOWN. THE EXACT LOCATION AND ELEVATION OF UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR.
5. CONTRACTOR SHALL BE RESPONSIBLE TO CONSULT WITH OWNER'S REPRESENTATIVE, SITE SUPERINTENDENT, APPROPRIATE AGENCIES AND CONSTRUCTION DOCUMENTATION OF THE LOCATIONS OF ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF UTILITIES
6. PROTECT EXISTING IMPROVEMENTS AND STRUCTURES THAT ARE TO REMAIN IN PLACE FROM DAMAGE. IF ANY DAMAGES OCCUR THE IMPROVEMENTS AND/OR STRUCTURES SHALL BE RESTORED TO NEW CONDITION AT NO ADDITIONAL COST TO THE OWNER.
7. IF LIVE UTILITIES ARE ENCOUNTERED NOT INDICATED PREVIOUSLY, PROTECT FROM DAMAGE AND IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE AND THE AFFECTED UTILITY PROVIDER. DO NOT PROCEED UNTIL FURTHER INSTRUCTIONS ARE RECEIVED.
8. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
9. WHERE BACKFILL UTILITY LINES ARE EXPOSED BY WORK OPERATIONS, REPAIR BEDDING AND BACKFILL MATERIAL DISPLACED AND DAMAGED DURING WORK. REPLACE CONTAMINATED MATERIALS WITH NEW MATERIALS TO MATCH EXISTING MATERIALS.
10. REPORT DISCREPANCIES IN DRAWINGS OR SPECIFICATIONS TO THE OWNER'S REPRESENTATIVE FOR CLARIFICATIONS AND ADJUSTMENTS BEFORE COMMENCING WORK. ANY DEVIATIONS OR CHANGES IN THESE DRAWINGS WITHOUT WRITTEN ACCEPTANCE OF THE OWNER'S REPRESENTATIVE SHALL ABSOLVE THE OWNER OF ANY AND ALL RESPONSIBILITY OF SAID DEVIATION AND CHANGE.
11. CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS, AREA DISCREPANCIES AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ANY COSTS, CONSTRUCTION DELAYS, OR REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATIONS.
12. OBTAIN ACCEPTANCE OF HORIZONTAL ALIGNMENT OF ELEMENTS IN THE FIELD FROM THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
13. DIMENSIONS INDICATED ON PLANS FOR HORIZONTAL CONTROL ARE ACCURATE IF MEASURED ON A LEVEL LINE NOT PARALLEL WITH GROUND SLOPE.
14. COORDINATE ALL WORK TO PREVENT CONFLICTS BETWEEN TRADES AND REPORT CONFLICTS OR INCONGRUITIES BETWEEN NEW IMPROVEMENTS AND/OR EXISTING FACILITIES TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
15. ALL PROPERTY, EASEMENT, LIMIT AND UTILITY LINES SHALL BE VERIFIED PRIOR TO COMMENCING WORK.
16. CONTRACTOR SHALL PERFORM ALL PROTECTION, DEMOLITION, REMOVAL AND SITE PREPARATION NECESSARY FOR THE PROPER EXECUTION OF ALL WORK SHOWN ON THE DRAWINGS AND DESCRIBED IN THE SPECIFICATIONS.
17. CONTRACTOR SHALL REMOVE FROM THE SITE ALL DEBRIS AND UNSUITABLE MATERIAL GENERATED BY THE CONTRACTOR'S AND SUBCONTRACTORS' OPERATIONS. CONSTRUCTION SITE SHALL BE MAINTAINED AT ALL TIMES SO THAT NO OBSTRUCTION, CONSTRUCTION EQUIPMENT OR CONSTRUCTION PROCESS CAUSES POTENTIAL HARM OR DANGER TO THE PUBLIC OR THE CONSTRUCTION SITE.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH ALL DRAIN LINES, IRRIGATION SUPPLY LINES, CONDUIT SLEEVES, AND POWER AND WATER SERVICE POINTS SHALL BE IN PLACE IN LOCATIONS SHOWN ON LAYOUT PLANS PRIOR TO INSTALLATION OF SITE LANDSCAPE CONSTRUCTION.

SURVEY NOTES

1. EXISTING SITE FEATURES ARE BASED UPON A SURVEY PERFORMED BY OBERKAMPER & ASSOCIATES CIVIL ENGINEERS INC, NOVATO, CA (415)897-2800, DATED FEBRUARY AND MARCH 2016.
2. THE EXISTING ELEVATIONS SHOWN HEREON REFERENCE NATIONAL GEODETIC SURVEY (NGS) MONUMENT "941 4290 N TIDAL" (PID : AE5209), BEING A 3" BRASS DISC MARKED "UNITED STATES COAST & GEODETIC SURVEY, 4290 N 1995" SET IN THE TOP OF A SEAWALL. ORTHOMETRIC HEIGHT = 12.04 FEET (NAVD88, MARCH 1999 ADJUSTMENT) AS PER NGS DATA SHEET.

GRADING NOTES

1. VERIFY ALL GRADES IN THE FIELD BEFORE PROCEEDING WITH WORK, INCLUDING EXISTING IMPROVEMENTS, LOCATIONS AND ELEVATIONS OF AREA DRAINS.
2. EXISTING GRADES SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED. ALL DISCREPANCIES SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
3. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO MAKE ADJUSTMENTS IN THE FINISHED GRADE AS THE WORK PROGRESSES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSITIVE SURFACE DRAINAGE IN ALL PAVING AND PLANTING AREAS. ALL GROUND SURFACES SHALL BE FINISHED TO A SMOOTH AND CONTINUOUS GRADE, DRAINING AND FREE OF STANDING WATER.
5. ALL GRADES REFER TO FINISH SURFACE (FS) OF PAVING GRADES UNLESS OTHERWISE NOTED. PROPOSED GRADES HAVE BEEN CONFIGURED TO MEET THE DESIGN INTENT AND HAVE BEEN BASED ON SURVEYOR'S INFORMATION PROVIDED. VERIFY PROPOSED AND EXISTING GRADES IN THE FIELD AS NECESSARY.
6. FINISHED GRADE (FG) IS DEFINED AS SOIL LEVEL PRIOR TO MULCH APPLICATION. FINISH GRADE AT PLANTING AREAS SHALL BE SET SO THAT TOP OF MULCH IS FLUSH WITH ADJACENT PAVING UNLESS OTHERWISE NOTED.

LAYOUT NOTES

1. VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION AND REPORT AND DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING.
2. WRITTEN DIMENSIONS ON DRAWINGS SUPERSEDE SCALE DIMENSIONS.
3. THE CONTRACTOR SHALL STAKE ALL PAVED AREAS AND FOOTINGS FOR REVIEW BY THE OWNER'S REPRESENTATIVE BEFORE FINAL CONSTRUCTION.

PLANTING NOTES

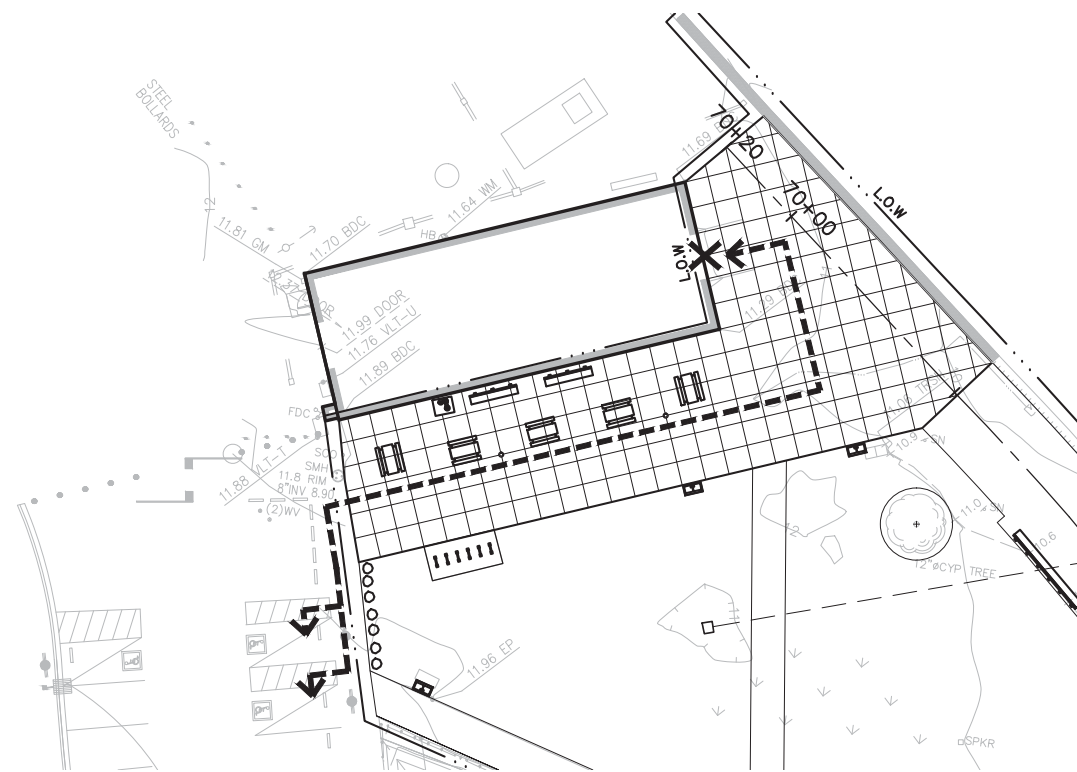
1. CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND UTILITY LOCATIONS PRIOR TO COMMENCING LANDSCAPE PLANTING WORK.
2. OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO MAKE SUBSTITUTIONS, ADDITIONS, AND DELETIONS IN THE PLANTING SCHEME AS THE WORK PROGRESSES
3. OWNER'S REPRESENTATIVE SHALL REVIEW PLANT MATERIAL PRIOR TO FINAL PLANTING, LOCATIONS SHOWN ON PLANS ARE DIAGRAMMATIC.
4. SHRUBS AND GROUNDCOVER TO BE TRIANGULAR SPACED, UNLESS OTHERWISE NOTED.
5. WHERE IN-THE-FIELD CONFLICTS ARISE BETWEEN PLANT AND UTILITY LOCATIONS, THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS TO PLANT PLACEMENT WITH THE APPROVAL OF THE OWNER'S REPRESENTATIVE, IN ORDER TO ACHIEVE OPTIMUM DESIGN INTENT.
6. PROTECT EXISTING PLANTS TO REMAIN. AVOID UNNECESSARY ROOT DISTURBANCE, COMPACTION OF SOILS WITHIN DRIP LINE, OR LIMB BREAKAGE. DO NOT STORE MATERIAL OR DISPOSE OF ANY MATERIAL OTHER THAN CLEAN WATER WITHIN DRIP LINE. PROVIDE ADEQUATE IRRIGATION DURING CONSTRUCTION. REPLACE ANY TREE OR SHRUB DAMAGED DURING CONSTRUCTION WITH PLANTS OF EQUAL SIZE AND VALUE AT NO ADDITIONAL COST TO THE OWNER.
7. SEE SPECIFICATIONS AND DETAILS FOR SOIL AMENDMENTS, PLANTING AND MAINTENANCE INSTRUCTIONS.
8. GRADES SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION OF PLANT MATERIALS. PERFORM FINE GRADING IN ALL PLANTING AREAS AND COORDINATE FINISH GRADE TO ALLOW MULCH DEPTH AS INDICATED IN SPECIFICATIONS.
9. ALL SHRUBS AND GROUNDCOVER AREAS TO RECEIVE 3" OF ORGANIC MULCH, PER SPECIFICATIONS.

QUALITY CONTROL NOTES

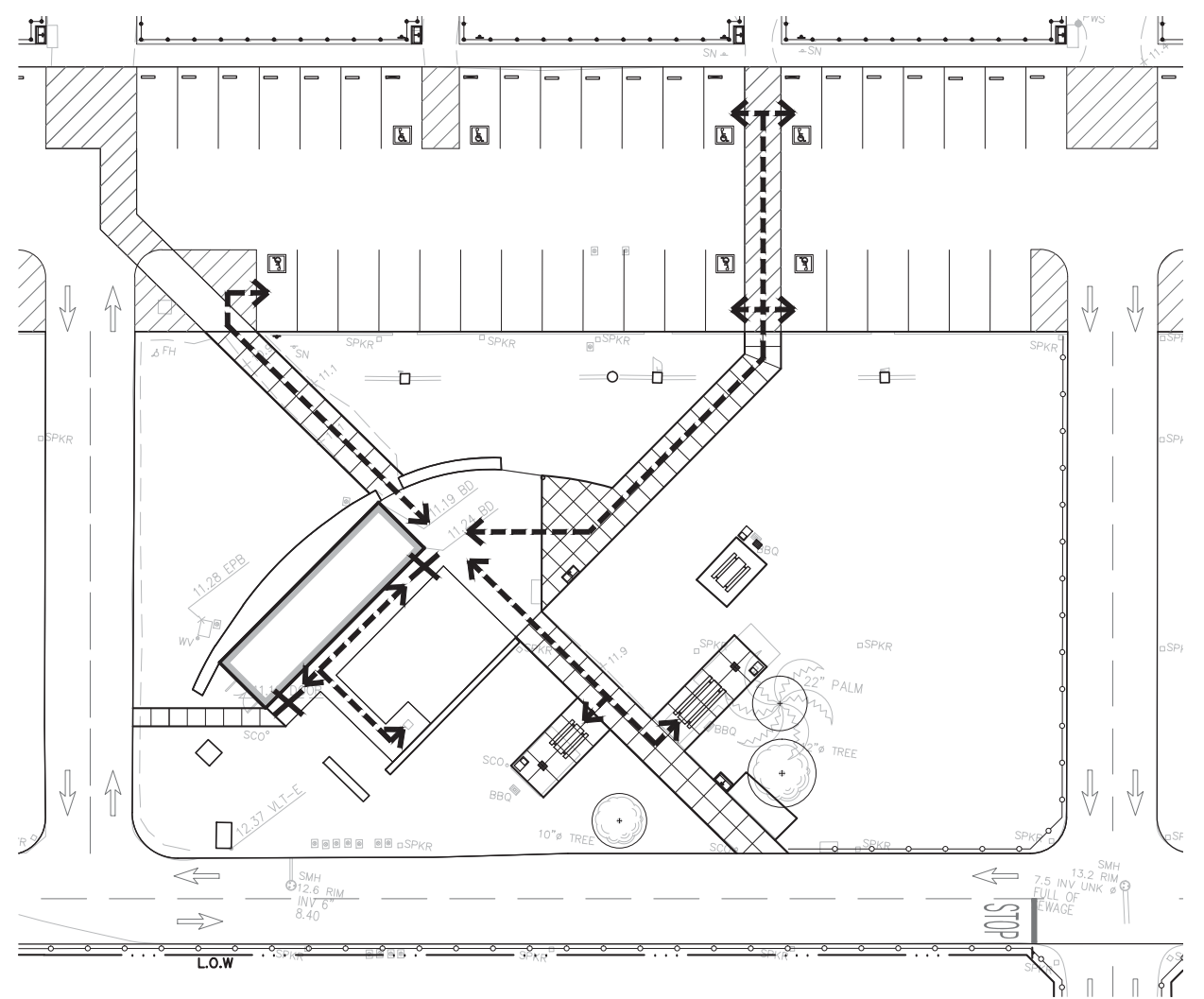
1. CONTRACTOR IS TO SUBMIT A SUMMARY OF ALL LANDSCAPE SUBMITTALS NECESSARY FOR LANDSCAPE WORK AND ASSOCIATED SCOPE ITEMS FOR APPROVAL. BASED ON THE APPROVED LISTING OF PROJECT LANDSCAPE SUBMITTALS CONTRACTOR IS TO SUBMIT ALL NECESSARY DOCUMENTATION IN ACCORDANCE WITH CONTRACT DOCUMENTS.
2. ALL SHOP DRAWINGS REQUIRED AS PART OF LANDSCAPE IMPROVEMENTS SHALL BE COORDINATED WITH ALL ASSOCIATED DISCIPLINES, SITE AND ARCHITECTURAL CONDITIONS. DRAWINGS SHALL SHOW ADJACENT INFORMATION THAT WILL GIVE CLEAR INDICATION OF THE INTERFACE TO STRUCTURES, FOUNDATIONS, UTILITIES, PROPERTY LINES AND EASEMENTS, AND ANY OTHER NECESSARY INFORMATION.



DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CMG		GENERAL NOTES CRISSY FIELD: PROMENADE RESURFACING AND EAST BEACH PARKING RECONFIGURATION GOLDEN GATE NATIONAL RECREATION AREA THE PRESIDIO OF SAN FRANCISCO	G0.02
CADD			PMIS/PKG NO. 221770
HN/JH/RG			SHEET
TECH. REVIEW: KC/GB/CR			03 OF XX
DATE: 05.20.2016			



2 WARMING HUT SCALE: 1"=20'-0"



1 EAST BEACH RESTROOM SCALE: 1"=20'-0"

ACCESSIBILITY LEGEND	
SYMBOL	DESCRIPTION
	ACCESSIBLE ROUTE
	ACCESSIBLE POINT OF ENTRY TO BUILDING
	ACCESSIBLE PARKING SPACE



CMG
CONGER MOSS GUILLARD
 500 THIRD STREET SUITE 215
 SAN FRANCISCO, CA 94107
 TELEPHONE: 415/498-3878
 FACSIMILE: 415/498-3888

DESIGNED:
 CMG
 HN/JH/RG
 TECH. REVIEW:
 KC/GB/CR
 DATE:
 05.20.2016

SUB SHEET NO.

TITLE OF SHEET
ACCESSIBILITY PLAN
 CRISSY FIELD: PROMENADE RESURFACING
 AND EAST BEACH PARKING RECONFIGURATION
 GOLDEN GATE NATIONAL RECREATION AREA
 THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
G0.03
 PMIS/PKG NO.
 221770
 SHEET
 OF

DEMOLITION SCHEDULE

HARDSCAPE / WALLS / FENCE

TAG	SYMBOL	DESCRIPTION	DETAILS / NOTES
P1		SCSP TO BE REMOVED	REMOVE AND STOCKPILE TOP 2" OF CLEAN RECYCLED CRUSHED STONE PAVING. REMOVE AND DISCARD ADDITIONAL 4" OF PAVING MATERIAL & BASE. TOTAL 6" REMOVED. SEE SPEC SECTION 32 15 40.10: RECYCLED CRUSHED STONE PAVING.
P2		PLANTING AREA TO BE CLEARED/GRUBBED	CLEAR AND GRUB EXISTING PLANTING AS SHOWN AND SPECIFIED, IN PREPARATION FOR NEW PLANTING AND/OR PAVING. ADJUST IRRIGATION EQUIPMENT AS REQUIRED TO ENSURE OTHER PLANTING AREAS CONTINUE TO BE IRRIGATED.
P3		ASPHALT PAVING TO REMAIN	PROTECT IN PLACE
P4		SCSP PATH TO REMAIN	REMOVE AND DISCARD COMPLETELY
P5A		CONCRETE TO REMAIN	PROTECT IN PLACE
P5B		CONCRETE TO BE REMOVED	REMOVE AND DISCARD COMPLETELY
P6		GRAVEL SHOULDER TO REMAIN	REMOVE MATERIAL GREATER THAN 1"
F1		FENCE TO REMAIN	PROTECT IN PLACE
W1		(E) WALL TO REMAIN	PROTECT IN PLACE

UTILITIES / SITE ELEMENTS

S1A		(E) FURNITURE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN	(9) EXISTING BENCHES ARE TO REMAIN IN PLACE. WOOD IS TO BE REMOVED, SANDED, PLANED & RE-ATTACHED. WESTERN-MOST BENCH APPEARS DAMAGED MAY REQUIRE FOOTING / MOUNTING REPAIR PENDING INVESTIGATION.
S1B		(E) FURNITURE TO REMAIN	PROTECT IN PLACE.
S2A		(E) TRASH RECEPTACLE & CONCRETE PAD TO REMAIN	SEE BID ALT. AND VERIFY WITH OWNERS
S2B		(E) TRASH RECEPTACLE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN	–
S2C		(E) TRASH RECEPTACLE TO BE REMOVED	–
S3A		(E) SIGNAGE TO REMAIN	PROTECT IN PLACE
S3B		(E) SIGNAGE TO REMAIN – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN	–
S4		(E) BOLLARDS TO REMAIN	PROTECT IN PLACE
S5		(E) STONE BOLLARDS TO REMAIN	PROTECT IN PLACE
S6		(E) BIKE RACKS TO REMAIN	WELLE SERIES RACK, SQUARE TUBE, SURFACE FLANGE, WSH36XX–SQ–SF, BIKEPARKING.COM
S7A		(E) POLE / SIGNAGE TO REMAIN	PROTECT IN PLACE
S7B		(E) POLE / SIGNAGE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN	–
S7C		(E) POLE / SIGNAGE – TO BE REMOVED	–
S8		(E) DRINKING FOUNTAIN & CONCRETE PAD TO REMAIN	PROTECT IN PLACE
S9		(E) SLOT DRAIN TO REMAIN	PROTECT IN PLACE
S10		(E) WINDMILLS TO REMAIN	PROTECT IN PLACE
S11		(E) ELECTRICAL CHARGING STATION TO REMAIN	PROTECT IN PLACE
S12A		(E) IRRIGATION EQUIPMENT TO REMAIN	PROTECT IN PLACE
S12B		(E) IRRIGATION EQUIPMENT TO BE REMOVED	–
S13		(E) DRAIN INLET TO REMAIN	PROTECT IN PLACE
S14		(E) TRASH ENCLOSURE TO REMAIN	PROTECT IN PLACE
S15		(E) TRANSFORMER/UTILITY VAULT TO REMAIN	PROTECT IN PLACE
S16		(E) FIRE HYDRANT TO REMAIN	PROTECT IN PLACE
S17		(E) EMERGENCY TELEPHONE TO REMAIN	PROTECT IN PLACE

LANDSCAPE

L1		(E) TREE TO REMAIN	PROTECT IN PLACE

NOTES:
1. ANY DAMAGED SITE FURNITURE, PAVING, UTILITIES, ETC. DURING SITE DEMOLITION PHASE MUST BE REPLACED IN KIND AT NO ADDITIONAL COST TO THE OWNER.

2. FOR ALL ITEMS 'TO REMAIN IN PLACE' WITH EMBED MOUNTING, PROTECT CONCRETE FOOTING DURING ADJACENT PAVING OR SURFACE MATERIAL DEMOLITION AND REMOVAL. ANY DAMAGED FOOTINGS MUST BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.



CMG
CONGER MOSS GUILLARD
300 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3070
FACSIMILE: 415/498-3080

DESIGNED: CMG @ADD HN/JH/RG	SUB SHEET NO.	TITLE OF SHEET DEMOLITION SCHEDULE CRISSY FIELD: PROMENADE RESURFACING AND EAST BEACH PARKING RECONFIGURATION GOLDEN GATE NATIONAL RECREATION AREA THE PRESIDIO OF SAN FRANCISCO	DRAWING NO. D1.00
TECH. REVIEW: KC/GB/CR			PMIS/PKG NO. 221770
DATE: 05.20.2016			SHEET 04 OF XX

DEMOLITION SCHEDULE

HARDSCAPE / WALLS / FENCE

TAG	SYMBOL	DESCRIPTION
(P1)		SCSP TO BE REMOVED
(P2)		PLANTING AREA TO BE CLEARED/GRUBBED
(P3)		ASPHALT PAVING TO REMAIN
(P4)		SCSP PATH TO REMAIN
(P5A)		CONCRETE TO REMAIN
(P5B)		CONCRETE TO BE REMOVED
(P6)		GRAVEL SHOULDER TO REMAIN
(F1)		FENCE TO REMAIN
(W1)		(E) WALL TO REMAIN

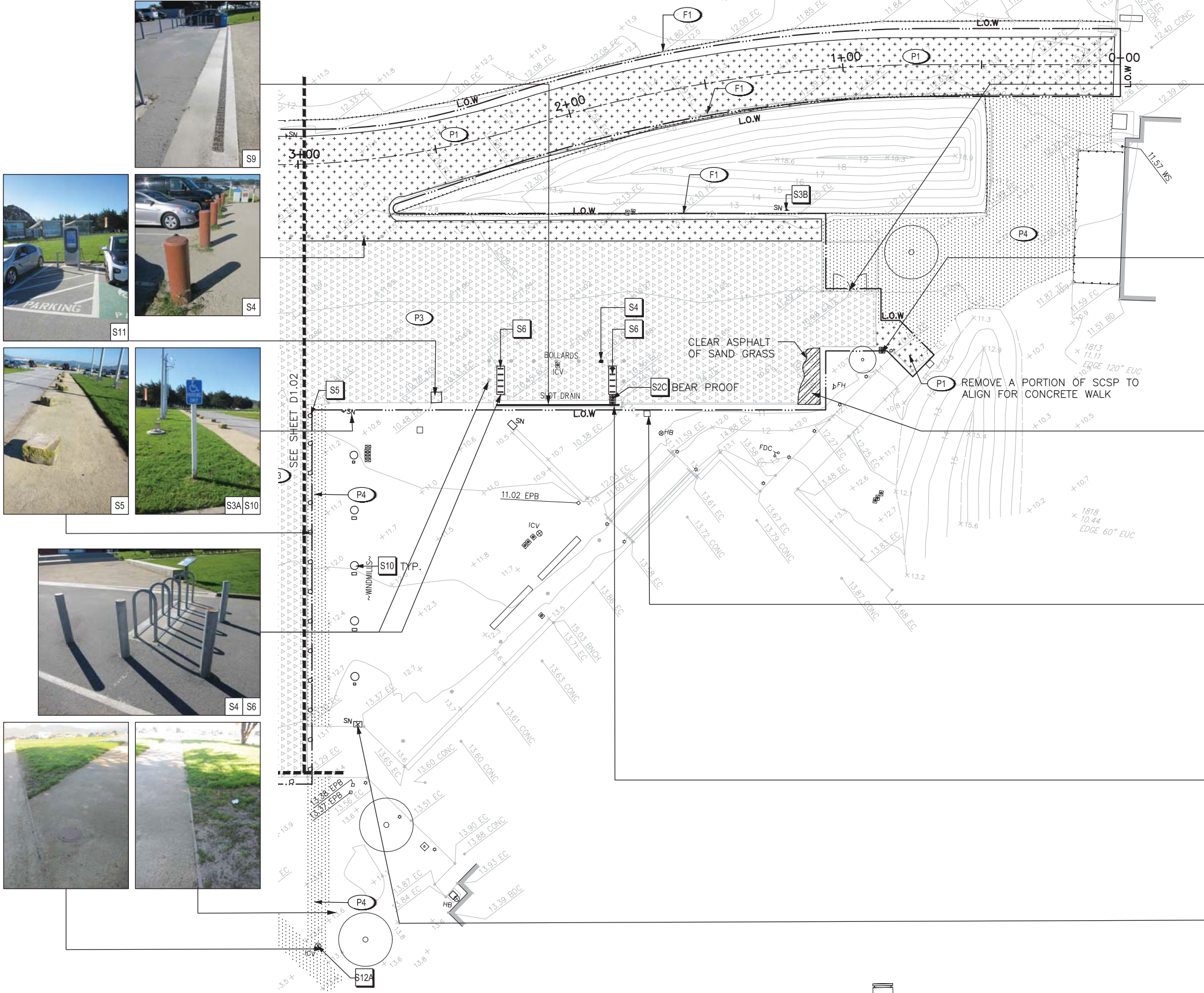
UTILITIES / SITE ELEMENTS

(S1A)		(E) FURNITURE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S1B)		(E) FURNITURE TO REMAIN
(S2A)		(E) TRASH RECEPTACLE & CONCRETE PAD TO REMAIN
(S2B)		(E) TRASH RECEPTACLE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S2C)		(E) TRASH RECEPTACLE TO BE REMOVED
(S3A)		(E) SIGNAGE TO REMAIN
(S3B)		(E) SIGNAGE TO REMAIN – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S4)		(E) BOLLARDS TO REMAIN
(S5)		(E) STONE BOLLARDS TO REMAIN
(S6)		(E) BIKE RACKS TO REMAIN
(S7A)		(E) POLE / SIGNAGE TO REMAIN
(S7B)		(E) POLE / SIGNAGE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S7C)		(E) POLE / SIGNAGE – TO BE REMOVED
(S8)		(E) DRINKING FOUNTAIN & CONCRETE PAD TO REMAIN
(S9)		(E) SLOT DRAIN TO REMAIN
(S10)		(E) WINDMILLS TO REMAIN
(S11)		(E) ELECTRICAL CHARGING STATION TO REMAIN
(S12A)		(E) IRRIGATION EQUIPMENT TO REMAIN
(S12B)		(E) IRRIGATION EQUIPMENT TO BE REMOVED
(S13)		(E) DRAIN INLET TO REMAIN
(S14)		(E) TRASH ENCLOSURE TO REMAIN
(S15)		(E) TRANSFORMER/UTILITY VAULT TO REMAIN
(S16)		(E) FIRE HYDRANT TO REMAIN
(S17)		(E) EMERGENCY TELEPHONE TO REMAIN

LANDSCAPE

(L1)		(E) TREE TO REMAIN
------	--	--------------------

SCALE IN FEET
0 20 40 80



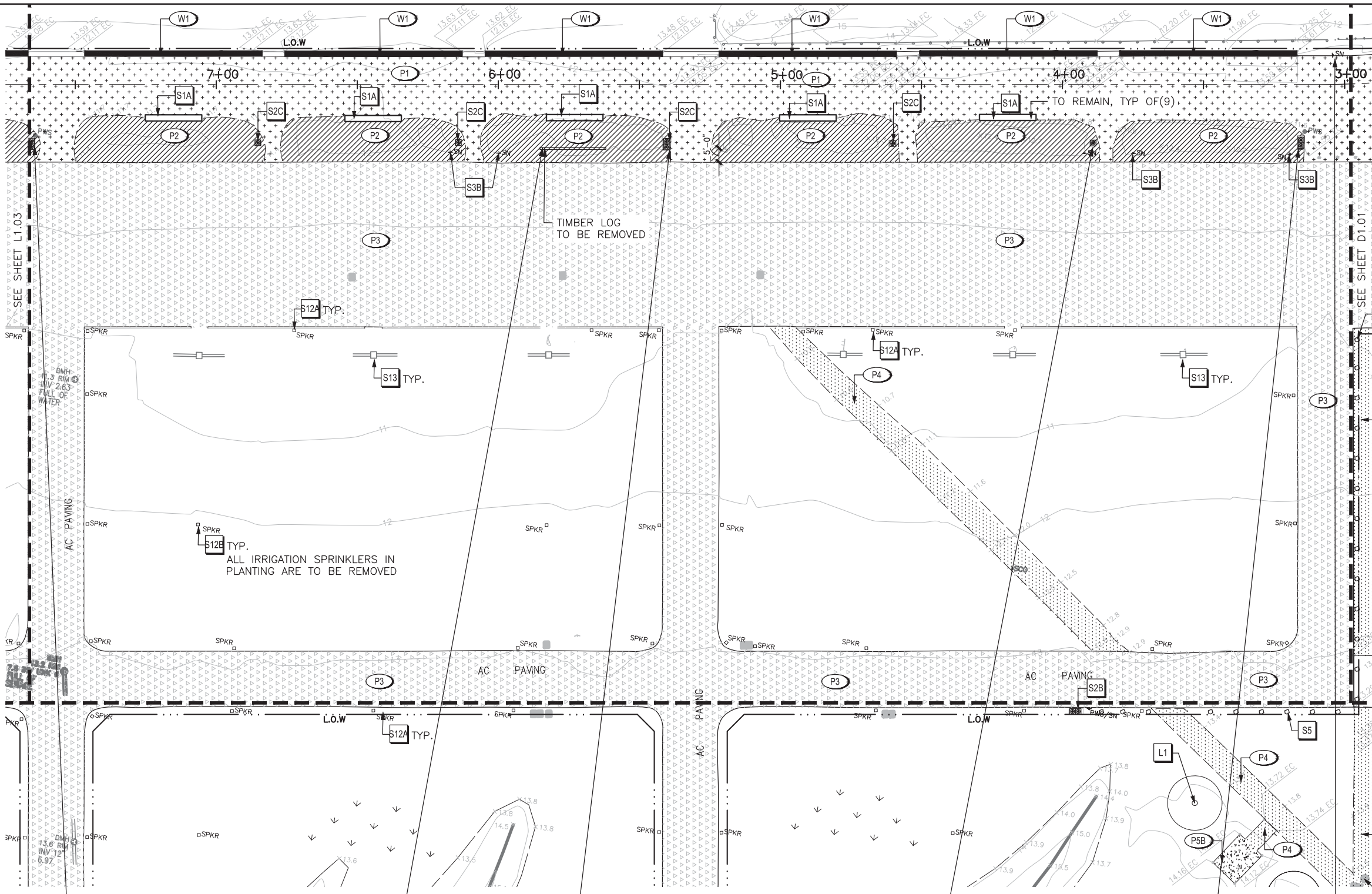
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3678
FACSIMILE: 415/498-3688

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
DEMOLITION PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
D1.01
PMS/PKG NO.
221770
SHEET
05 OF **XX**



DEMOLITION SCHEDULE

HARDSCAPE / WALLS / FENCE

TAG	SYMBOL	DESCRIPTION
(P1)		SCSP TO BE REMOVED
(P2)		PLANTING AREA TO BE CLEARED/GRUBBED
(P3)		ASPHALT PAVING TO REMAIN
(P4)		SCSP PATH TO REMAIN
(P5A)		CONCRETE TO REMAIN
(P5B)		CONCRETE TO BE REMOVED
(P6)		GRAVEL SHOULDER TO REMAIN
(F1)		FENCE TO REMAIN
(W1)		(E) WALL TO REMAIN

UTILITIES / SITE ELEMENTS

(S1A)		(E) FURNITURE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S1B)		(E) FURNITURE TO REMAIN
(S2A)		(E) TRASH RECEPTACLE & CONCRETE PAD TO REMAIN
(S2B)		(E) TRASH RECEPTACLE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S2C)		(E) TRASH RECEPTACLE TO BE REMOVED
(S3A)		(E) SIGNAGE TO REMAIN
(S3B)		(E) SIGNAGE TO REMAIN – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S4)		(E) BOLLARDS TO REMAIN
(S5)		(E) STONE BOLLARDS TO REMAIN
(S6)		(E) BIKE RACKS TO REMAIN
(S7A)		(E) POLE / SIGNAGE TO REMAIN
(S7B)		(E) POLE / SIGNAGE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S7C)		(E) POLE / SIGNAGE – TO BE REMOVED
(S8)		(E) DRINKING FOUNTAIN & CONCRETE PAD TO REMAIN
(S9)		(E) SLOT DRAIN TO REMAIN
(S10)		(E) WINDMILLS TO REMAIN
(S11)		(E) ELECTRICAL CHARGING STATION TO REMAIN
(S12A)		(E) IRRIGATION EQUIPMENT TO REMAIN
(S12B)		(E) IRRIGATION EQUIPMENT TO BE REMOVED
(S13)		(E) DRAIN INLET TO REMAIN
(S14)		(E) TRASH ENCLOSURE TO REMAIN
(S15)		(E) TRANSFORMER/UTILITY VAULT TO REMAIN
(S16)		(E) FIRE HYDRANT TO REMAIN
(S17)		(E) EMERGENCY TELEPHONE TO REMAIN

LANDSCAPE

(L1)		(E) TREE TO REMAIN
------	--	--------------------

SCALE IN FEET

0 20 40 80



SCALE IN FEET

0 20 40 80



CMG
CONGER MOSS GUILLARD
300 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/495-3678
FACSIMILE: 415/495-3688

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

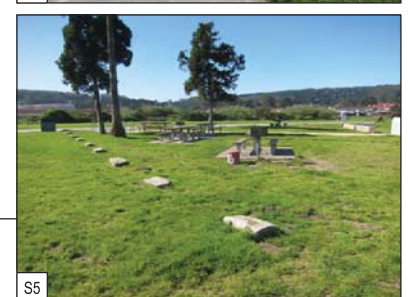
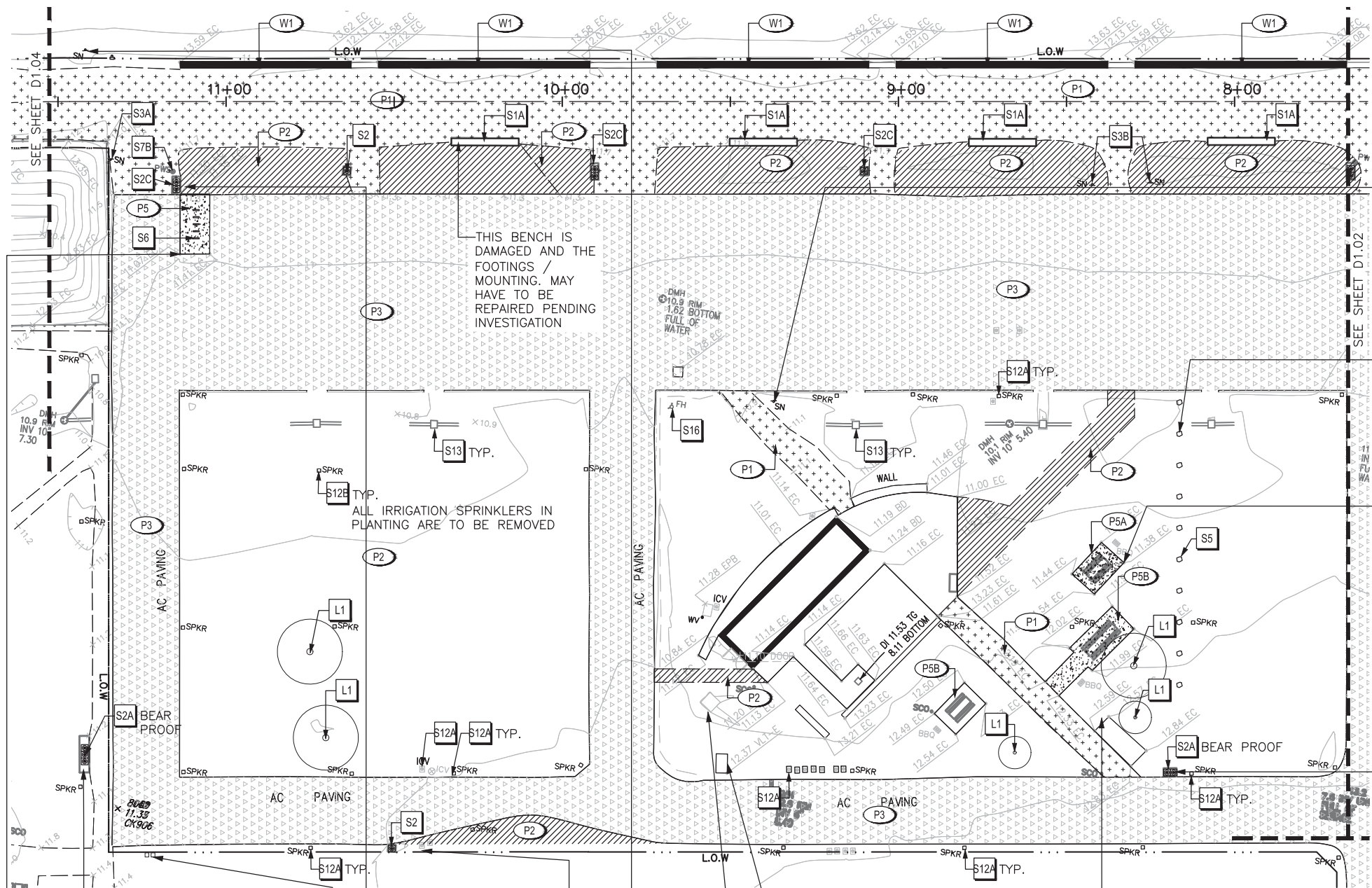
SUB SHEET NO.

TITLE OF SHEET
DEMOLITION PLAN

CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
D1.02

PMS/PKG NO.
221770
SHEET
03 OF 13



SCALE IN FEET
0 20 40 80



DEMOLITION SCHEDULE

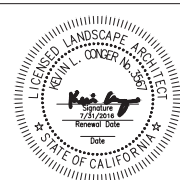
HARDSCAPE / WALLS / FENCE		
TAG	SYMBOL	DESCRIPTION
(P1)		SCSP TO BE REMOVED
(P2)		PLANTING AREA TO BE CLEARED/GRUBBED
(P3)		ASPHALT PAVING TO REMAIN
(P4)		SCSP PATH TO REMAIN
(P5A)		CONCRETE TO REMAIN
(P5B)		CONCRETE TO BE REMOVED
(P6)		GRAVEL SHOULDER TO REMAIN
(F1)		FENCE TO REMAIN
(W1)		(E) WALL TO REMAIN

UTILITIES / SITE ELEMENTS

(S1A)		(E) FURNITURE - STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S1B)		(E) FURNITURE TO REMAIN
(S2A)		(E) TRASH RECEPTACLE & CONCRETE PAD TO REMAIN
(S2B)		(E) TRASH RECEPTACLE - STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S2C)		(E) TRASH RECEPTACLE TO BE REMOVED
(S3A)		(E) SIGNAGE TO REMAIN
(S3B)		(E) SIGNAGE TO REMAIN - STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S4)		(E) BOLLARDS TO REMAIN
(S5)		(E) STONE BOLLARDS TO REMAIN
(S6)		(E) BIKE RACKS TO REMAIN
(S7A)		(E) POLE / SIGNAGE TO REMAIN
(S7B)		(E) POLE / SIGNAGE - STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S7C)		(E) POLE / SIGNAGE - TO BE REMOVED
(S8)		(E) DRINKING FOUNTAIN & CONCRETE PAD TO REMAIN
(S9)		(E) SLOT DRAIN TO REMAIN
(S10)		(E) WINDMILLS TO REMAIN
(S11)		(E) ELECTRICAL CHARGING STATION TO REMAIN
(S12A)		(E) IRRIGATION EQUIPMENT TO REMAIN
(S12B)		(E) IRRIGATION EQUIPMENT TO BE REMOVED
(S13)		(E) DRAIN INLET TO REMAIN
(S14)		(E) TRASH ENCLOSURE TO REMAIN
(S15)		(E) TRANSFORMER/UTILITY VAULT TO REMAIN
(S16)		(E) FIRE HYDRANT TO REMAIN
(S17)		(E) EMERGENCY TELEPHONE TO REMAIN

LANDSCAPE

(L1)		(E) TREE TO REMAIN
------	--	--------------------



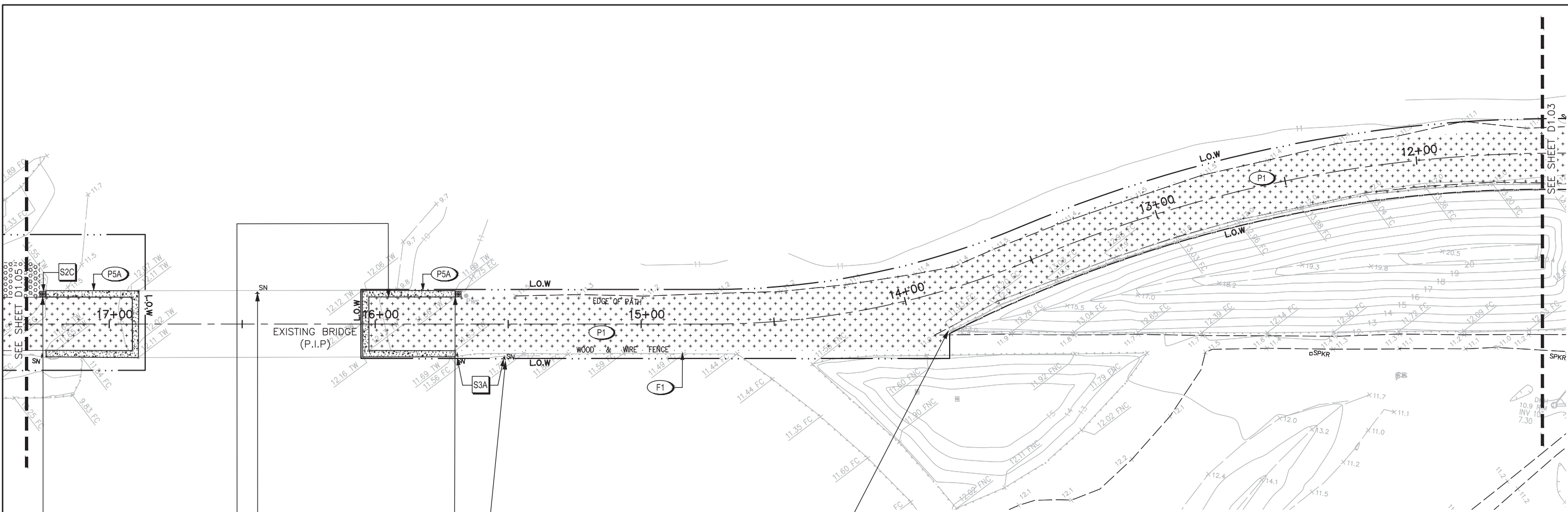
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/495-3070
FACSIMILE: 415/495-3080

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.
TITLE OF SHEET
DEMOLITION PLAN

CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
D1.03
PMS/PKG NO.
221770
SHEET
07 OF XX



DEMOLITION SCHEDULE

HARDSCAPE / WALLS / FENCE

TAG	SYMBOL	DESCRIPTION
(P1)		SCSP TO BE REMOVED
(P2)		PLANTING AREA TO BE CLEARED/GRUBBED
(P3)		ASPHALT PAVING TO REMAIN
(P4)		SCSP PATH TO REMAIN
(P5A)		CONCRETE TO REMAIN
(P5B)		CONCRETE TO BE REMOVED
(P6)		GRAVEL SHOULDER TO REMAIN
(F1)		FENCE TO REMAIN
(W1)		(E) WALL TO REMAIN

UTILITIES / SITE ELEMENTS

(S1A)		(E) FURNITURE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S1B)		(E) FURNITURE TO REMAIN
(S2A)		(E) TRASH RECEPTACLE & CONCRETE PAD TO REMAIN
(S2B)		(E) TRASH RECEPTACLE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S2C)		(E) TRASH RECEPTACLE TO BE REMOVED
(S3A)		(E) SIGNAGE TO REMAIN
(S3B)		(E) SIGNAGE TO REMAIN – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S4)		(E) BOLLARDS TO REMAIN

(S5)		(E) STONE BOLLARDS TO REMAIN
(S6)		(E) BIKE RACKS TO REMAIN
(S7A)		(E) POLE / SIGNAGE TO REMAIN
(S7B)		(E) POLE / SIGNAGE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S7C)		(E) POLE / SIGNAGE – TO BE REMOVED
(S8)		(E) DRINKING FOUNTAIN & CONCRETE PAD TO REMAIN
(S9)		(E) SLOT DRAIN TO REMAIN
(S10)		(E) WINDMILLS TO REMAIN
(S11)		(E) ELECTRICAL CHARGING STATION TO REMAIN
(S12A)		(E) IRRIGATION EQUIPMENT TO REMAIN
(S12B)		(E) IRRIGATION EQUIPMENT TO BE REMOVED
(S13)		(E) DRAIN INLET TO REMAIN
(S14)		(E) TRASH ENCLOSURE TO REMAIN
(S15)		(E) TRANSFORMER/UTILITY VAULT TO REMAIN
(S16)		(E) FIRE HYDRANT TO REMAIN
(S17)		(E) EMERGENCY TELEPHONE TO REMAIN
LANDSCAPE		
(L1)		(E) TREE TO REMAIN

SCALE IN FEET
0 20 40 80



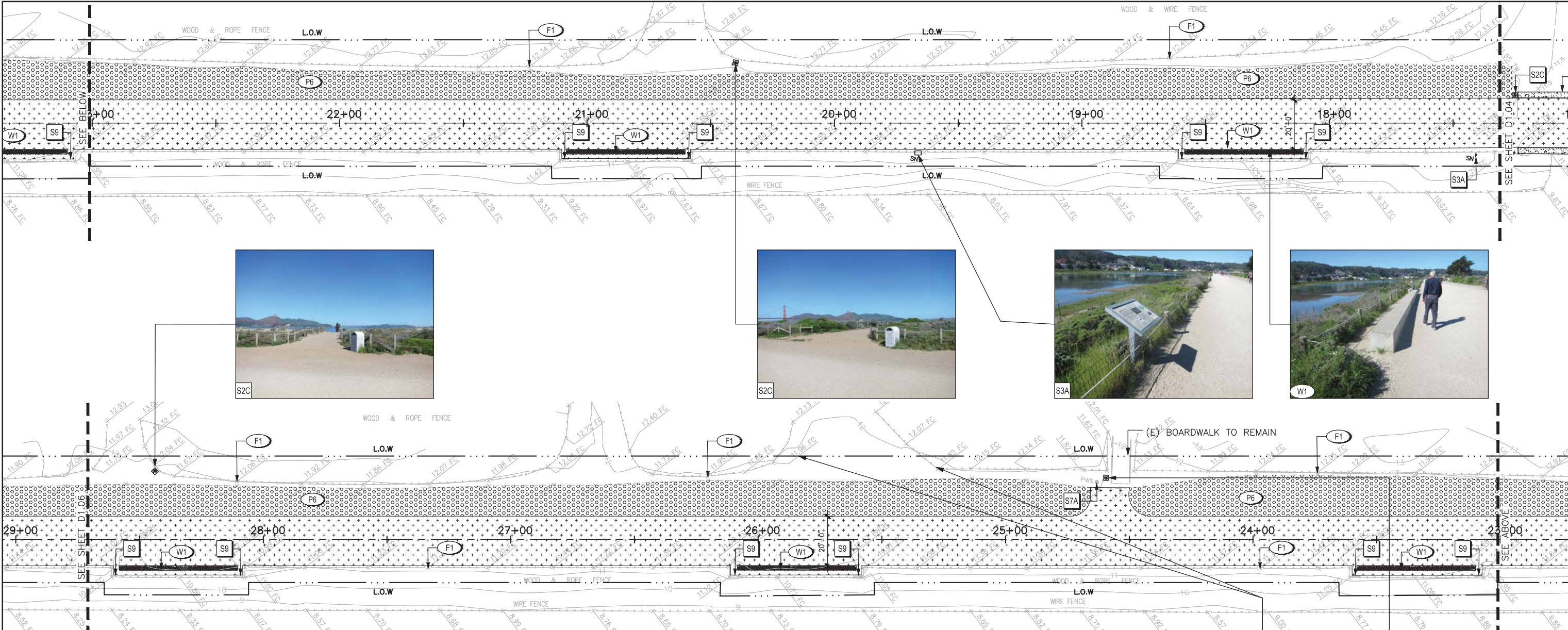
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/495-3678
FACSIMILE: 415/495-3688

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
DEMOLITION PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
D1.04
PMS/PKG NO.
221770
SHEET
08 OF **XX**



DEMOLITION SCHEDULE

HARDSCAPE / WALLS / FENCE

TAG	SYMBOL	DESCRIPTION
(P1)	***	SCSP TO BE REMOVED
(P2)	▨	PLANTING AREA TO BE CLEARED/GRUBBED
(P3)	▩	ASPHALT PAVING TO REMAIN
(P4)	▩	SCSP PATH TO REMAIN
(P5A)	▩	CONCRETE TO REMAIN
(P5B)	▩	CONCRETE TO BE REMOVED
(P6)	▩	GRAVEL SHOULDER TO REMAIN
(F1)	---	FENCE TO REMAIN
(W1)	---	(E) WALL TO REMAIN

UTILITIES / SITE ELEMENTS

(S1A)	---	(E) FURNITURE - STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S1B)	---	(E) FURNITURE TO REMAIN
(S2A)	▩	(E) TRASH RECEPTACLE & CONCRETE PAD TO REMAIN
(S2B)	▩	(E) TRASH RECEPTACLE - STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S2C)	▩	(E) TRASH RECEPTACLE TO BE REMOVED
(S3A)	^SN	(E) SIGNAGE TO REMAIN
(S3B)	^SN	(E) SIGNAGE TO REMAIN - STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S4)	• • •	(E) BOLLARDS TO REMAIN
(S5)	○ ○ ○	(E) STONE BOLLARDS TO REMAIN
(S6)	▩▩▩▩	(E) BIKE RACKS TO REMAIN
(S7A)	●PWS	(E) POLE / SIGNAGE TO REMAIN
(S7B)	●PWS	(E) POLE / SIGNAGE - STORE & RELOCATE PER LAYOUT & MATERIAL PLAN

(S7C)	●PWS	(E) POLE / SIGNAGE - TO BE REMOVED
(S8)	⌘	(E) DRINKING FOUNTAIN & CONCRETE PAD TO REMAIN
(S9)	---	(E) SLOT DRAIN TO REMAIN
(S10)	○	(E) WINDMILLS TO REMAIN
(S11)	□	(E) ELECTRICAL CHARGING STATION TO REMAIN
(S12A)	▩▩	(E) IRRIGATION EQUIPMENT TO REMAIN
(S12E)	▩▩	(E) IRRIGATION EQUIPMENT TO BE REMOVED
(S13)	▩▩	(E) DRAIN INLET TO REMAIN
(S14)	▩▩	(E) TRASH ENCLOSURE TO REMAIN
(S15)	▩▩	(E) TRANSFORMER/UTILITY VAULT TO REMAIN
(S16)	▩▩	(E) FIRE HYDRANT TO REMAIN
(S17)	▩▩	(E) EMERGENCY TELEPHONE TO REMAIN

LANDSCAPE

(L1)	○	(E) TREE TO REMAIN
------	---	--------------------



SCALE IN FEET
0 20 40 80



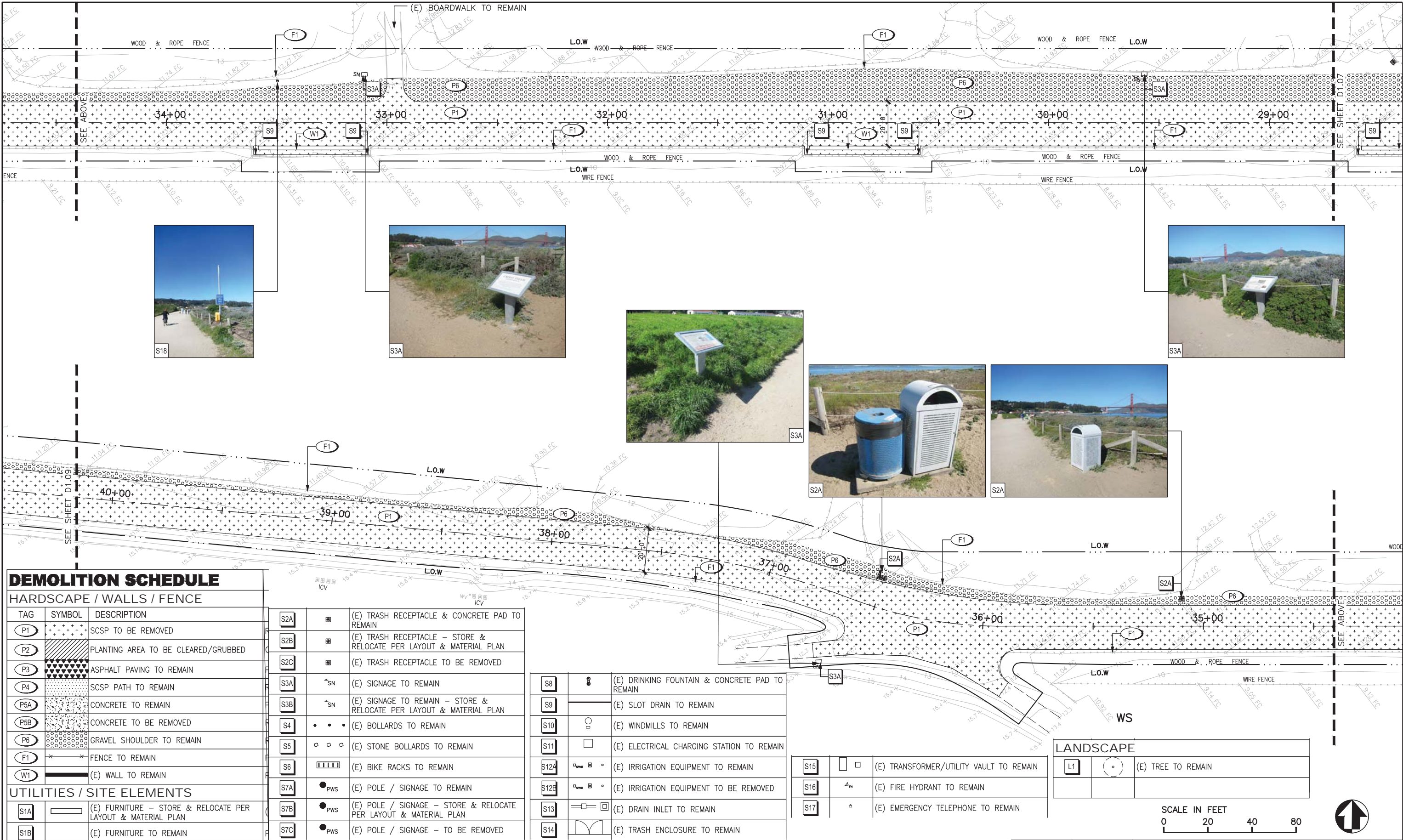
CMG
CONGER MOSS GUILLARD
300 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/495-3070
FACSIMILE: 415/495-3088

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
DEMOLITION PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
D1.05
PMS/PKG NO.
221770
SHEET
09 OF XX



DEMOLITION SCHEDULE

HARDSCAPE / WALLS / FENCE

TAG	SYMBOL	DESCRIPTION
(P1)		SCSP TO BE REMOVED
(P2)		PLANTING AREA TO BE CLEARED/GRUBBED
(P3)		ASPHALT PAVING TO REMAIN
(P4)		SCSP PATH TO REMAIN
(P5A)		CONCRETE TO REMAIN
(P5B)		CONCRETE TO BE REMOVED
(P6)		GRAVEL SHOULDER TO REMAIN
(F1)		FENCE TO REMAIN
(W1)		(E) WALL TO REMAIN

UTILITIES / SITE ELEMENTS

(S1A)		(E) FURNITURE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S1B)		(E) FURNITURE TO REMAIN

(S2A)		(E) TRASH RECEPTACLE & CONCRETE PAD TO REMAIN
(S2B)		(E) TRASH RECEPTACLE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S2C)		(E) TRASH RECEPTACLE TO BE REMOVED
(S3A)		(E) SIGNAGE TO REMAIN
(S3B)		(E) SIGNAGE TO REMAIN – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S4)		(E) BOLLARDS TO REMAIN
(S5)		(E) STONE BOLLARDS TO REMAIN
(S6)		(E) BIKE RACKS TO REMAIN
(S7A)		(E) POLE / SIGNAGE TO REMAIN
(S7B)		(E) POLE / SIGNAGE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S7C)		(E) POLE / SIGNAGE – TO BE REMOVED

(S8)		(E) DRINKING FOUNTAIN & CONCRETE PAD TO REMAIN
(S9)		(E) SLOT DRAIN TO REMAIN
(S10)		(E) WINDMILLS TO REMAIN
(S11)		(E) ELECTRICAL CHARGING STATION TO REMAIN
(S12A)		(E) IRRIGATION EQUIPMENT TO REMAIN
(S12B)		(E) IRRIGATION EQUIPMENT TO BE REMOVED
(S13)		(E) DRAIN INLET TO REMAIN
(S14)		(E) TRASH ENCLOSURE TO REMAIN

(S15)		(E) TRANSFORMER/UTILITY VAULT TO REMAIN
(S16)		(E) FIRE HYDRANT TO REMAIN
(S17)		(E) EMERGENCY TELEPHONE TO REMAIN

LANDSCAPE

(L1)		(E) TREE TO REMAIN
------	--	--------------------



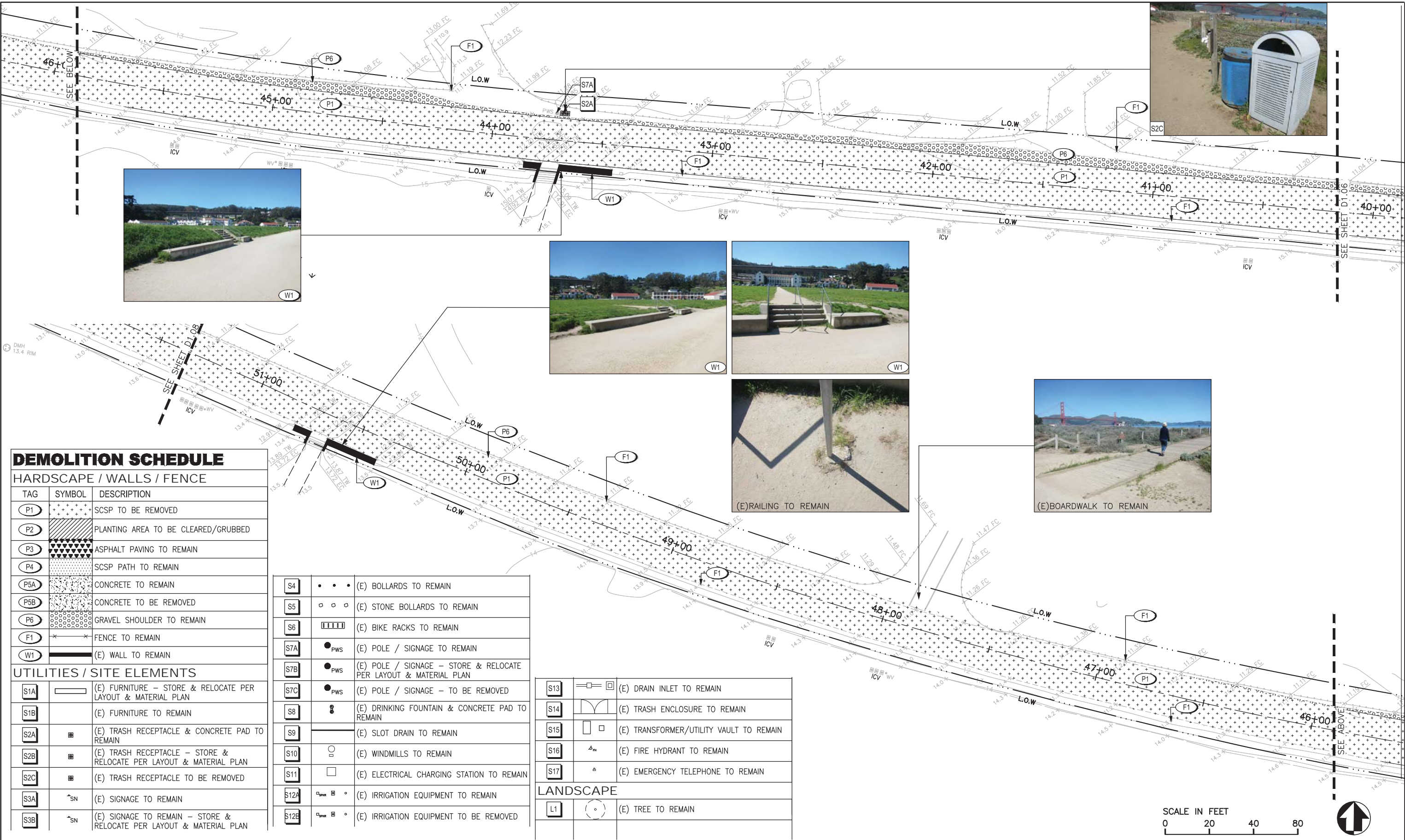
CMG
CONGER MOSS GUILLARD
300 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/495-3678
FACSIMILE: 415/495-3688

DESIGNED:
CMG
CHN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
DEMOLITION PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
D1.06
PMIS/PKG NO.
221770
SHEET
10 OF **XX**



DEMOLITION SCHEDULE		
HARDSCAPE / WALLS / FENCE		
TAG	SYMBOL	DESCRIPTION
P1		SCSP TO BE REMOVED
P2		PLANTING AREA TO BE CLEARED/GRUBBED
P3		ASPHALT PAVING TO REMAIN
P4		SCSP PATH TO REMAIN
P5A		CONCRETE TO REMAIN
P5B		CONCRETE TO BE REMOVED
P6		GRAVEL SHOULDER TO REMAIN
F1		FENCE TO REMAIN
W1		(E) WALL TO REMAIN
UTILITIES / SITE ELEMENTS		
S1A		(E) FURNITURE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
S1B		(E) FURNITURE TO REMAIN
S2A		(E) TRASH RECEPTACLE & CONCRETE PAD TO REMAIN
S2B		(E) TRASH RECEPTACLE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
S2C		(E) TRASH RECEPTACLE TO BE REMOVED
S3A		(E) SIGNAGE TO REMAIN
S3B		(E) SIGNAGE TO REMAIN – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN

S4		(E) BOLLARDS TO REMAIN
S5		(E) STONE BOLLARDS TO REMAIN
S6		(E) BIKE RACKS TO REMAIN
S7A		(E) POLE / SIGNAGE TO REMAIN
S7B		(E) POLE / SIGNAGE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
S7C		(E) POLE / SIGNAGE – TO BE REMOVED
S8		(E) DRINKING FOUNTAIN & CONCRETE PAD TO REMAIN
S9		(E) SLOT DRAIN TO REMAIN
S10		(E) WINDMILLS TO REMAIN
S11		(E) ELECTRICAL CHARGING STATION TO REMAIN
S12A		(E) IRRIGATION EQUIPMENT TO REMAIN
S12B		(E) IRRIGATION EQUIPMENT TO BE REMOVED

S13		(E) DRAIN INLET TO REMAIN
S14		(E) TRASH ENCLOSURE TO REMAIN
S15		(E) TRANSFORMER/UTILITY VAULT TO REMAIN
S16		(E) FIRE HYDRANT TO REMAIN
S17		(E) EMERGENCY TELEPHONE TO REMAIN

LANDSCAPE		
L1		(E) TREE TO REMAIN



CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/495-3070
FACSIMILE: 415/495-3080

DESIGNED:
CMG
@ADD
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

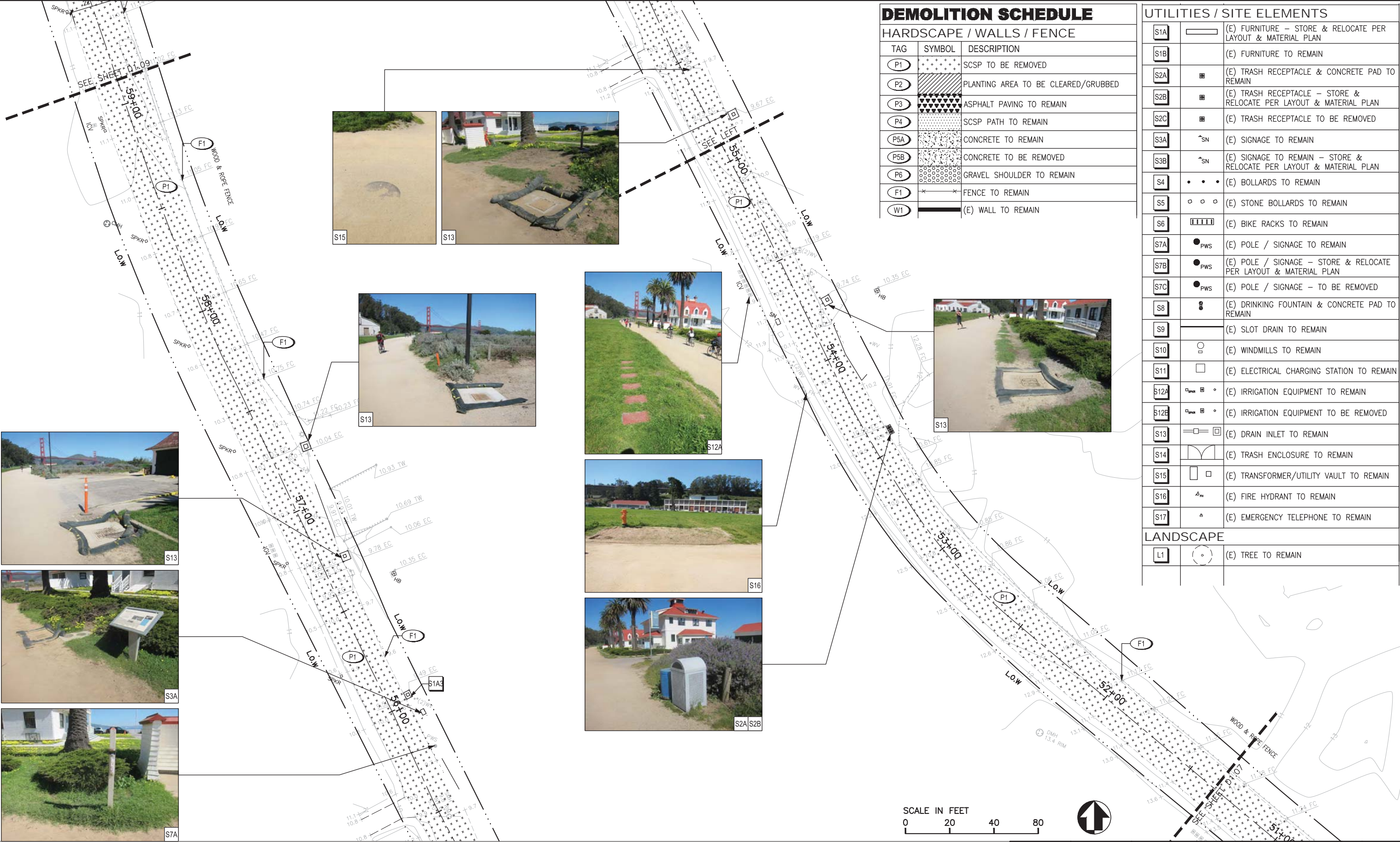
SEE SHEET D1.06

TITLE OF SHEET
DEMOLITION PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
D1.07
PMIS/PKG NO.
221770
SHEET
11 OF XX

SCALE IN FEET
0 20 40 80





DEMOLITION SCHEDULE

HARDSCAPE / WALLS / FENCE

TAG	SYMBOL	DESCRIPTION
(P1)		SCSP TO BE REMOVED
(P2)		PLANTING AREA TO BE CLEARED/GRUBBED
(P3)		ASPHALT PAVING TO REMAIN
(P4)		SCSP PATH TO REMAIN
(P5A)		CONCRETE TO REMAIN
(P5B)		CONCRETE TO BE REMOVED
(P6)		GRAVEL SHOULDER TO REMAIN
(F1)		FENCE TO REMAIN
(W1)		(E) WALL TO REMAIN

UTILITIES / SITE ELEMENTS

(S1A)		(E) FURNITURE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S1B)		(E) FURNITURE TO REMAIN
(S2A)		(E) TRASH RECEPTACLE & CONCRETE PAD TO REMAIN
(S2B)		(E) TRASH RECEPTACLE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S2C)		(E) TRASH RECEPTACLE TO BE REMOVED
(S3A)		(E) SIGNAGE TO REMAIN
(S3B)		(E) SIGNAGE TO REMAIN – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S4)		(E) BOLLARDS TO REMAIN
(S5)		(E) STONE BOLLARDS TO REMAIN
(S6)		(E) BIKE RACKS TO REMAIN
(S7A)		(E) POLE / SIGNAGE TO REMAIN
(S7B)		(E) POLE / SIGNAGE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S7C)		(E) POLE / SIGNAGE – TO BE REMOVED
(S8)		(E) DRINKING FOUNTAIN & CONCRETE PAD TO REMAIN
(S9)		(E) SLOT DRAIN TO REMAIN
(S10)		(E) WINDMILLS TO REMAIN
(S11)		(E) ELECTRICAL CHARGING STATION TO REMAIN
(S12A)		(E) IRRIGATION EQUIPMENT TO REMAIN
(S12B)		(E) IRRIGATION EQUIPMENT TO BE REMOVED
(S13)		(E) DRAIN INLET TO REMAIN
(S14)		(E) TRASH ENCLOSURE TO REMAIN
(S15)		(E) TRANSFORMER/UTILITY VAULT TO REMAIN
(S16)		(E) FIRE HYDRANT TO REMAIN
(S17)		(E) EMERGENCY TELEPHONE TO REMAIN

LANDSCAPE

(L1)		(E) TREE TO REMAIN
------	--	--------------------



CMG
CONGER MOSS GUILLARD
300 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

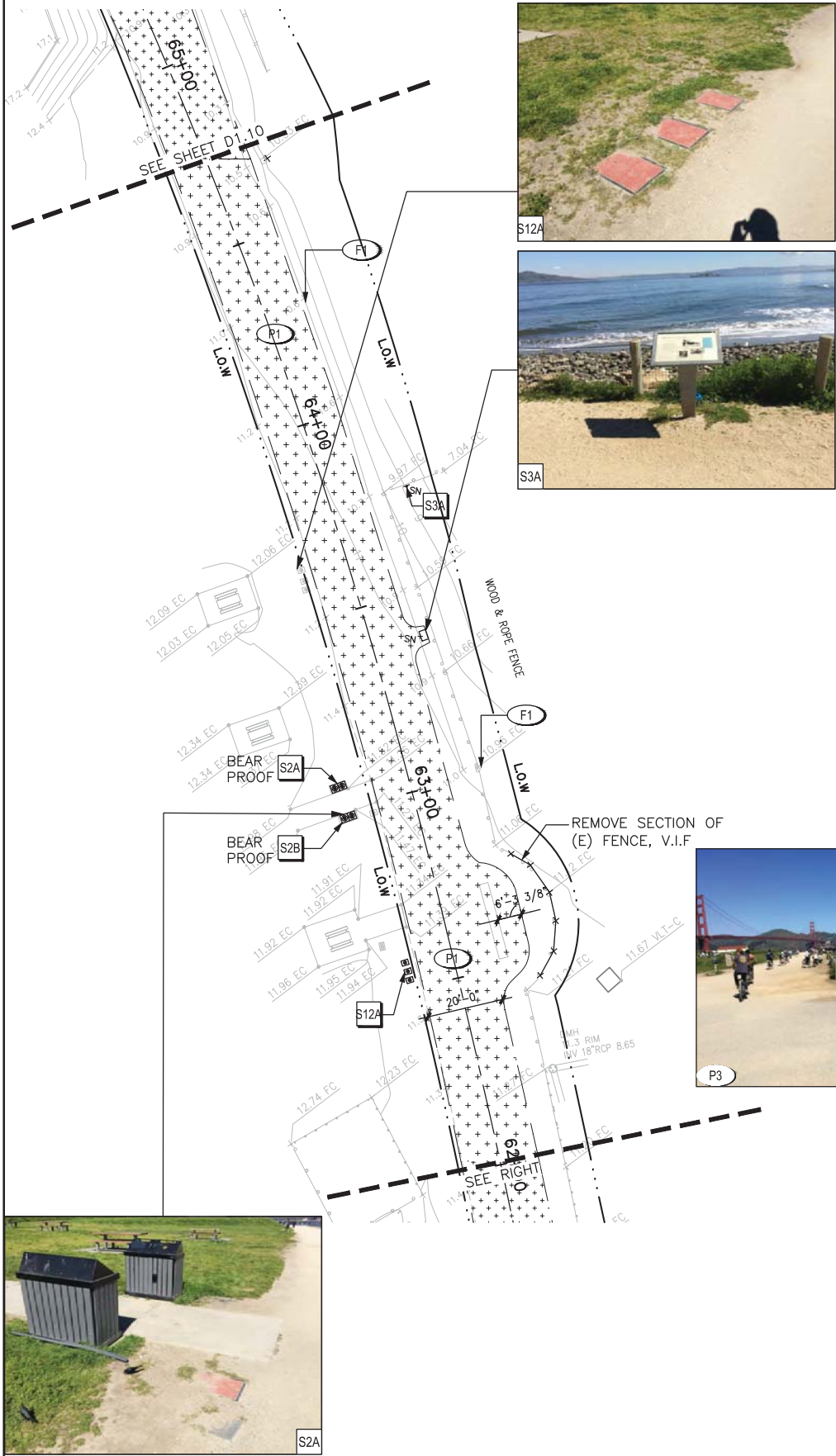
DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET

DEMOLITION PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
D1.08
PMIS/PKG NO.
221770
SHEET
12 OF **XX**



DEMOLITION SCHEDULE

HARDSCAPE / WALLS / FENCE

TAG	SYMBOL	DESCRIPTION
(P1)	+++	SCSP TO BE REMOVED
(P2)		PLANTING AREA TO BE CLEARED/GRUBBED
(P3)	▲▲▲	ASPHALT PAVING TO REMAIN
(P4)	●●●	SCSP PATH TO REMAIN
(P5A)	□□□	CONCRETE TO REMAIN
(P5B)	■	CONCRETE TO BE REMOVED
(P6)	○○○	GRAVEL SHOULDER TO REMAIN
(F1)	—X—X—	FENCE TO REMAIN
(W1)	—	(E) WALL TO REMAIN

UTILITIES / SITE ELEMENTS

(S1A)	—	(E) FURNITURE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S1B)	—	(E) FURNITURE TO REMAIN
(S2A)	■	(E) TRASH RECEPTACLE & CONCRETE PAD TO REMAIN
(S2B)	■	(E) TRASH RECEPTACLE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S2C)	■	(E) TRASH RECEPTACLE TO BE REMOVED
(S3A)	→SN	(E) SIGNAGE TO REMAIN
(S3B)	→SN	(E) SIGNAGE TO REMAIN – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S4)	• • •	(E) BOLLARDS TO REMAIN
(S5)	○ ○ ○	(E) STONE BOLLARDS TO REMAIN
(S6)		(E) BIKE RACKS TO REMAIN
(S7A)	●PWS	(E) POLE / SIGNAGE TO REMAIN
(S7B)	●PWS	(E) POLE / SIGNAGE – STORE & RELOCATE PER LAYOUT & MATERIAL PLAN
(S7C)	●PWS	(E) POLE / SIGNAGE – TO BE REMOVED
(S8)	⊗	(E) DRINKING FOUNTAIN & CONCRETE PAD TO REMAIN
(S9)	—	(E) SLOT DRAIN TO REMAIN
(S10)	○	(E) WINDMILLS TO REMAIN
(S11)	□	(E) ELECTRICAL CHARGING STATION TO REMAIN
(S12A)	□⊗	(E) IRRIGATION EQUIPMENT TO REMAIN
(S12B)	□⊗	(E) IRRIGATION EQUIPMENT TO BE REMOVED
(S13)	—□	(E) DRAIN INLET TO REMAIN
(S14)	—	(E) TRASH ENCLOSURE TO REMAIN
(S15)	□	(E) TRANSFORMER/UTILITY VAULT TO REMAIN
(S16)	△	(E) FIRE HYDRANT TO REMAIN
(S17)	⊙	(E) EMERGENCY TELEPHONE TO REMAIN

LANDSCAPE

(L1)	○	(E) TREE TO REMAIN
------	---	--------------------



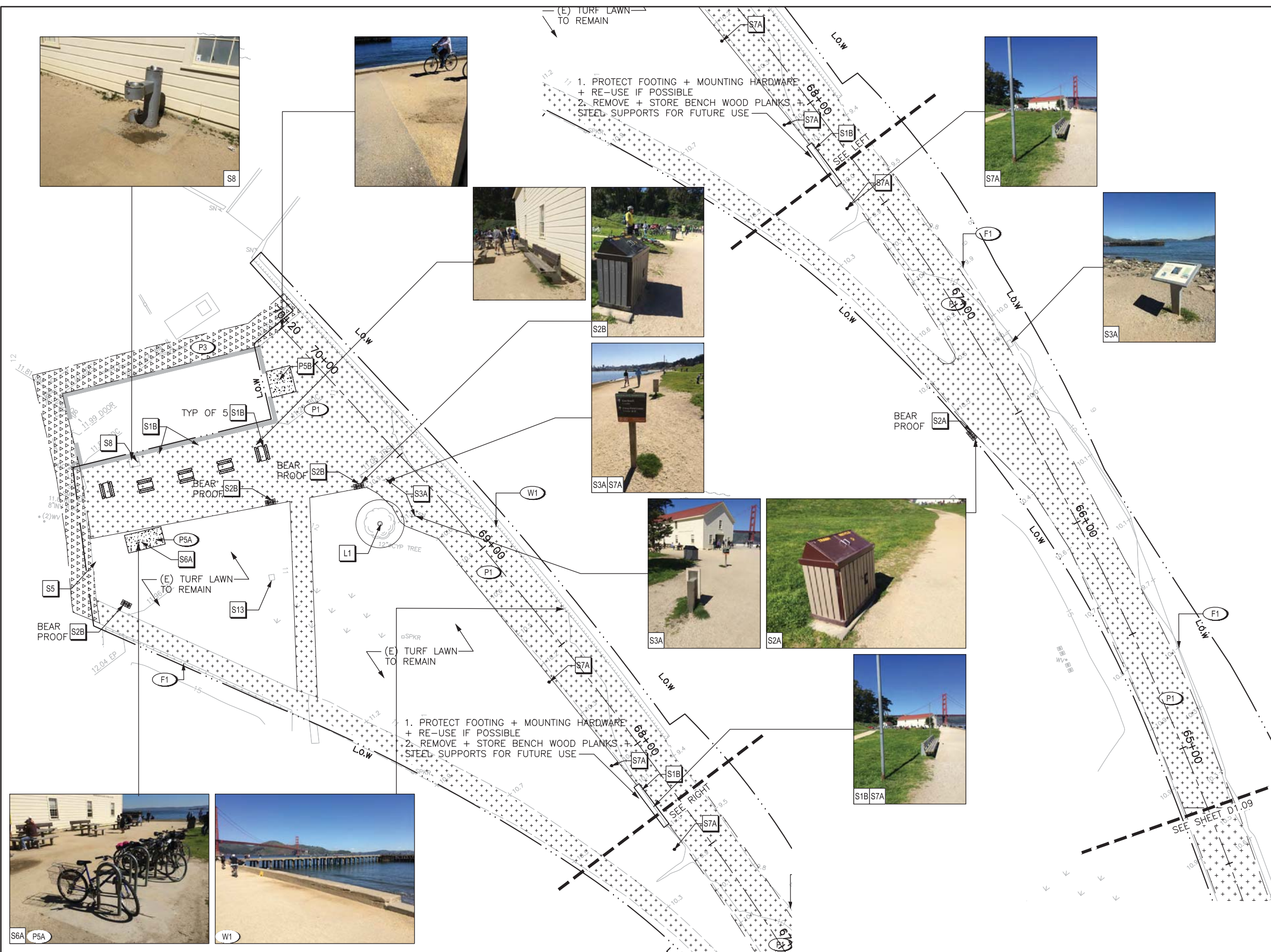
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/495-3678
FACSIMILE: 415/495-3688

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.










TITLE OF SHEET
DEMOLITION PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
D1.09
PMS/PKG NO.
221770
SHEET
13 OF **XX**



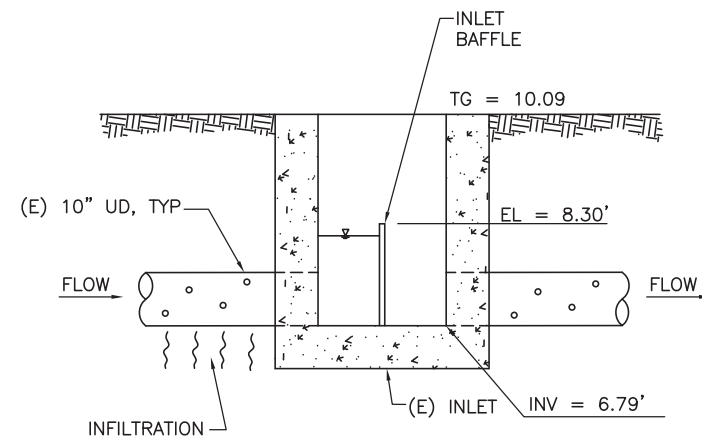
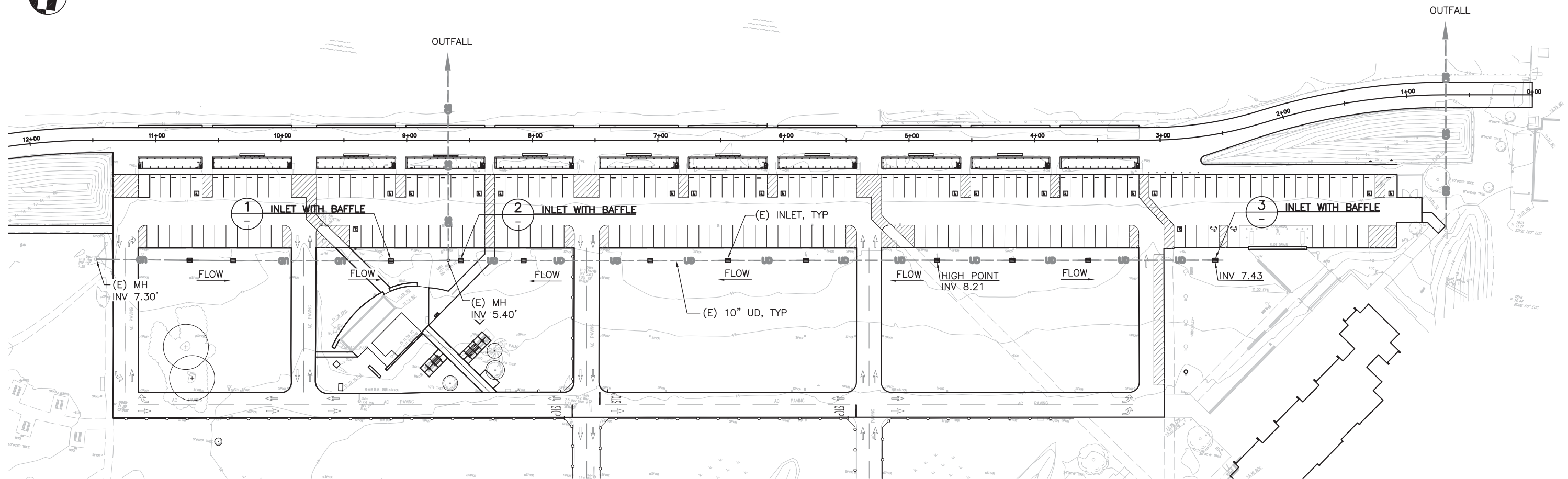
DEMOLITION SCHEDULE

HARDSCAPE / WALLS / FENCE

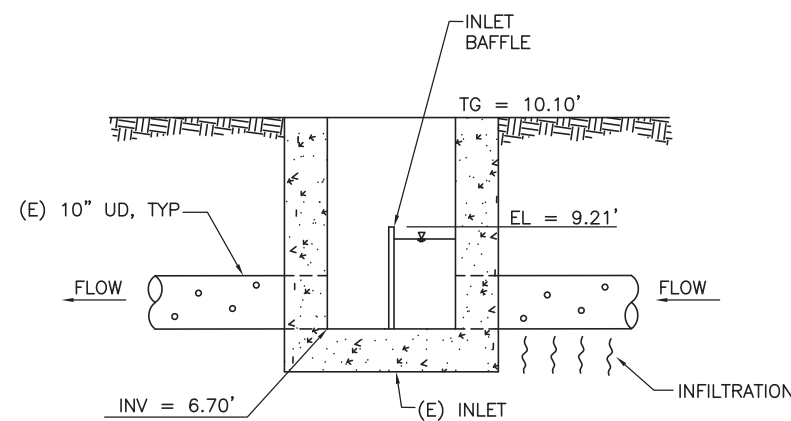
TAG	SYMBOL	DESCRIPTION
P1		SCSP TO BE REMOVED
P2		PLANTING AREA TO BE CLEARED/GRUBBED
P3		ASPHALT PAVING TO REMAIN
P4		SCSP PATH TO REMAIN
P5A		CONCRETE TO REMAIN
P5B		CONCRETE TO BE REMOVED
P6		GRAVEL SHOULDER TO REMAIN
F1		FENCE TO REMAIN
W1		(E) WALL TO REMAIN



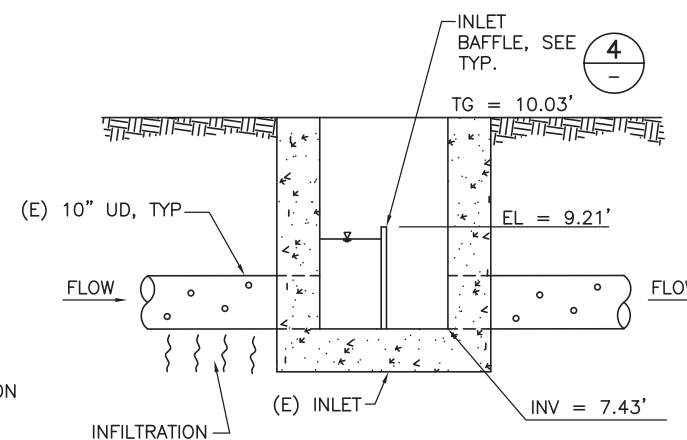
SAN FRANCISCO BAY



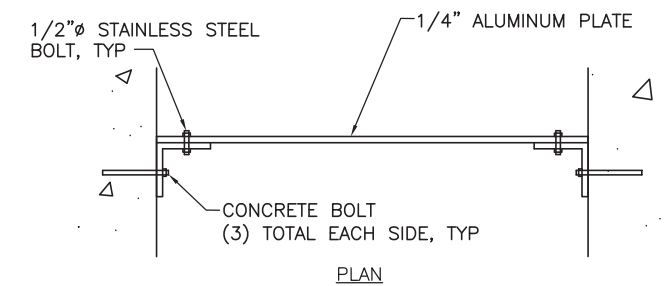
1 SECTION-INLET WITH BAFFLE
NOT TO SCALE



2 SECTION-INLET WITH BAFFLE
NOT TO SCALE



3 SECTION-INLET WITH BAFFLE
NOT TO SCALE



4 ELEVATION
DETAIL-INLET BAFFLE
NOT TO SCALE

30 0 30 60
SCALE OF FEET


moffatt & nichol
2185 N. CALIFORNIA BLVD
SUITE 500
WALNUT CREEK, CA 94596

DESIGNED:
M&N
GADD
NK
TECH. REVIEW:
BP
DATE:
05.20.2016

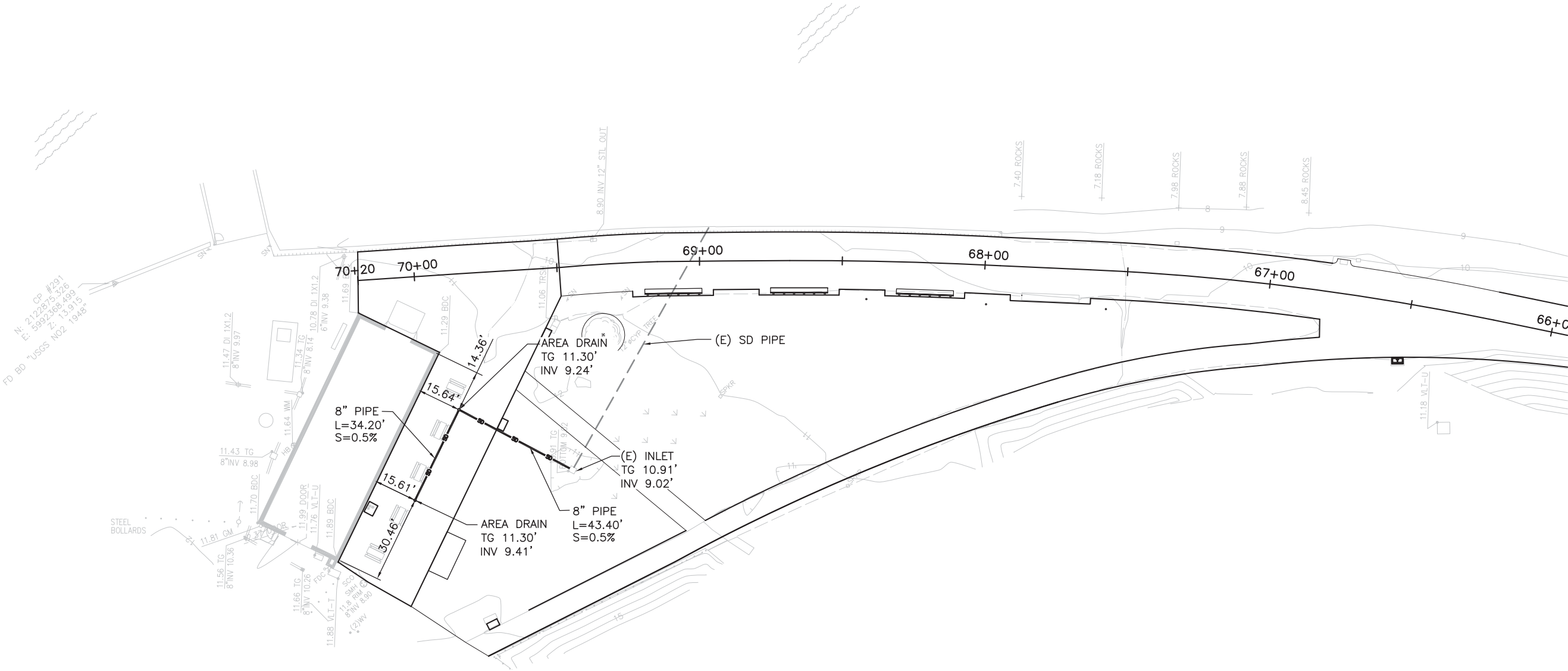
SUB SHEET NO.

TITLE OF SHEET
**EAST BEACH
DRAINAGE PLAN**
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
C1.01
PMIS/PKG. NO.
221770
SHEET
OF



SAN FRANCISCO BAY



NOTE:
1. EXACT LOCATION OF NEW AREA DRAINS AND SD PIPE TO BE COORDINATED WITH FOOTINGS OF EXISTING FURNITURE TO REMAIN. VERIFY IN FIELD.



moftatt & nichol
2185 N. CALIFORNIA BLVD
SUITE 500
WALNUT CREEK, CA 94596

DESIGNED:
M&N
GADD
NK
TECH. REVIEW:
BP
DATE:
05.20.2016

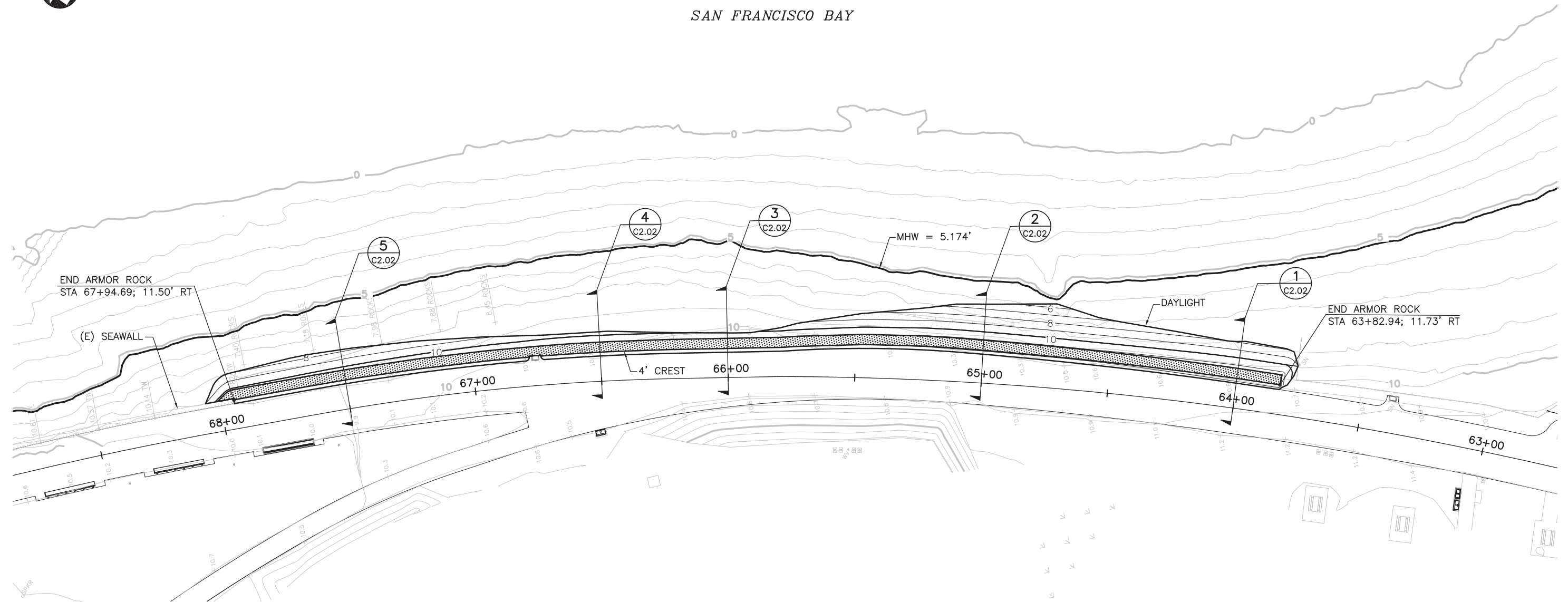
SUB SHEET NO.

TITLE OF SHEET
**WEST BLUFF
DRAINAGE PLAN**
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
C1.02
PMIS/PKG. NO.
221770
SHEET
OF



SAN FRANCISCO BAY



STATION	CREST DATA POINTS	DAYLIGHT DATA POINTS
	OFFSET	OFFSET
63+77.26	15.75' RT	26.06' RT
64+00.00	15.81' RT	26.78' RT
64+50.00	16.18' RT	28.80' RT
64+75.00	16.51' RT	33.14' RT
65+00.00	16.96' RT	31.23' RT
65+50.00	16.95' RT	24.97' RT
66+00.00	15.50' RT	17.64' RT
66+50.00	15.48' RT	19.57' RT
67+00.00	15.45' RT	21.32' RT
67+50.00	15.47' RT	23.59' RT
67+94.69	15.50' RT	21.98' RT

LEGEND:

- 4' CREST
- ROCK



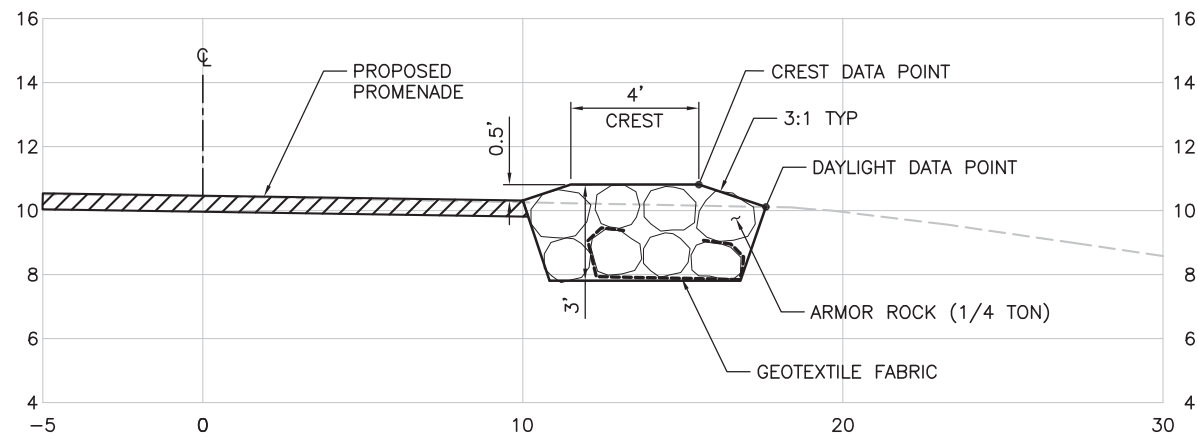
moffatt & nichol
2185 N. CALIFORNIA BLVD
SUITE 500
WALNUT CREEK, CA 94596

DESIGNED:
M&N
CADD
NK
TECH. REVIEW:
BP
DATE:
05.20.2016

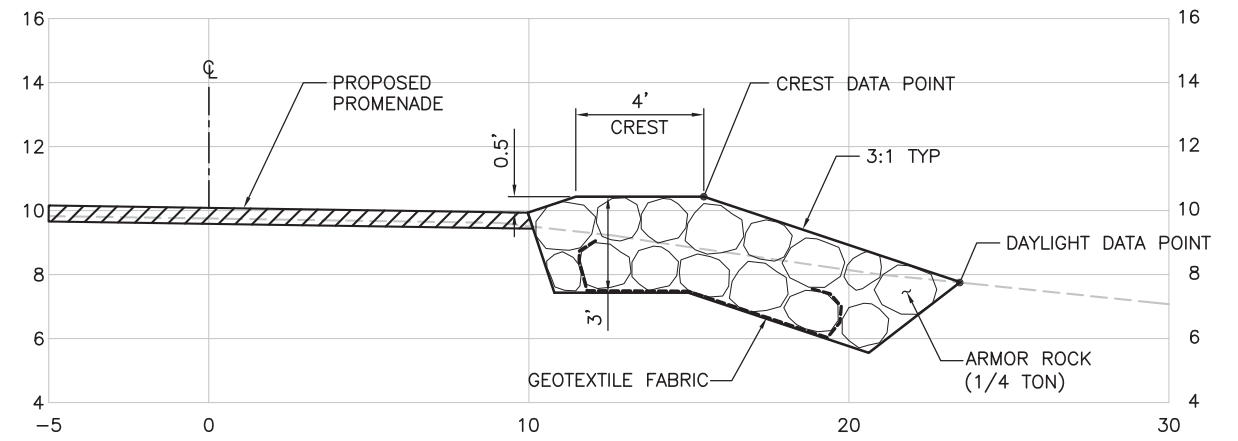
SUB SHEET NO.

TITLE OF SHEET
**ROCK SHORE PROTECTION
PLAN**
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

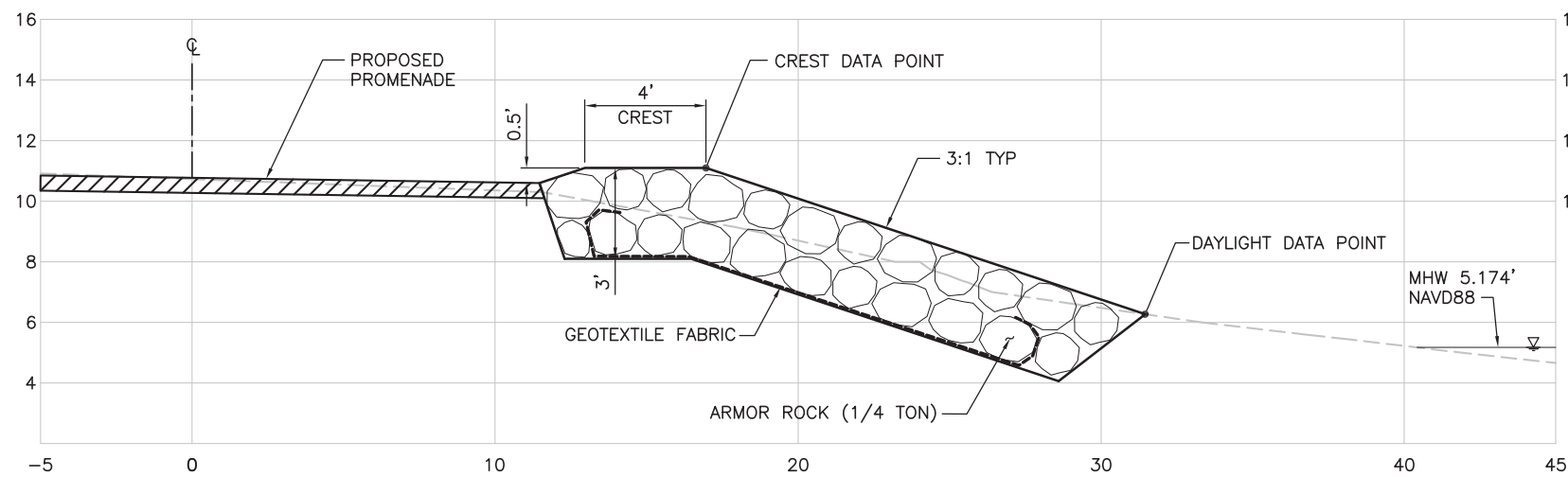
DRAWING NO.
C2.01
PMIS/PKG. NO.
221770
SHEET
OF



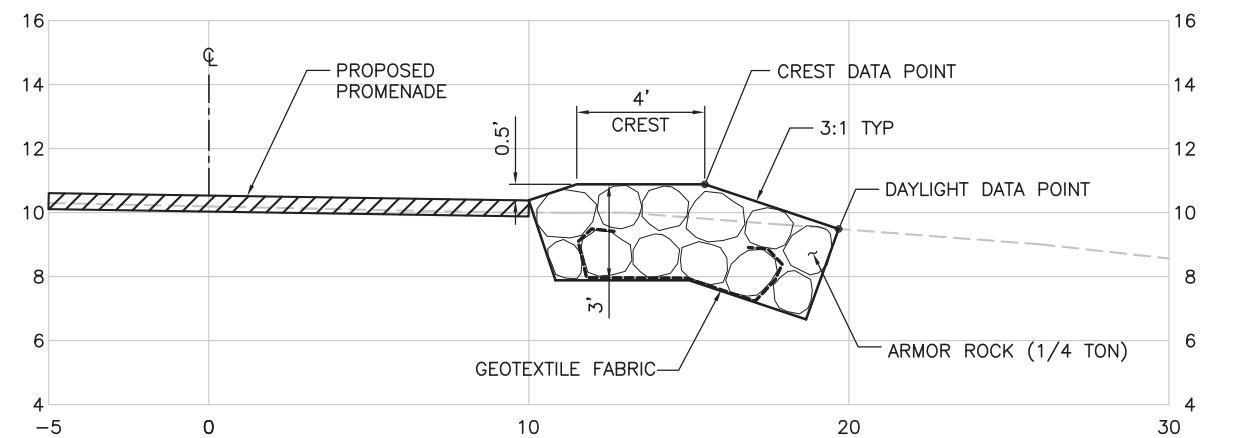
1 STA 66+00
C2.01 1"=3'



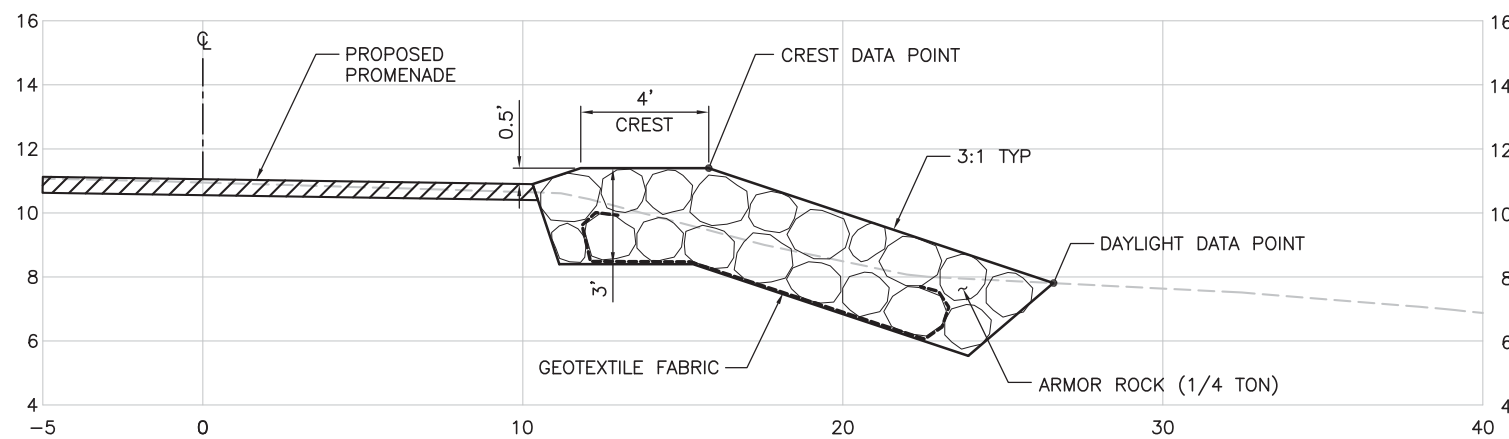
5 STA 67+50
C2.01 1"=3'



2 STA 65+00
C2.01 1"=3'



4 STA 66+50
C2.01 1"=3'



1 STA 64+00
C2.01 1"=3'



moftatt & nichol
2185 N. CALIFORNIA BLVD
SUITE 500
WALNUT CREEK, CA 94596

DESIGNED:
M&N
GAD
NK
TECH. REVIEW:
BP
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
ROCK SHORE PROTECTION SECTIONS
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
C2.02
PMIS/PKG. NO.
221770
SHEET
OF

GENERAL LEGEND

SYMBOL	DESCRIPTION
	PAVING MATERIAL DESIGNATION
	SITE ELEMENT
	SITE FURNISHING
	MATCH LINE
	LIMIT OF WORK
	STATION MARKER
	EXPANSION JOINT
	SITE SECTION OR ELEVATION CALL-OUT
	DETAIL CALL-OUT
	ACCESSIBLE PARKING, SEE P6
	ELECTRIC VEHICLE PARKING / CHARGING STATION, MATCH EXISTING
	DIRECTIONAL PAVING MARKING SEE P5

ABBREVIATIONS

EJ	EXPANSION JOINT
EQ	EQUAL
PA	PLANTING AREA
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
V.I.F.	VERIFY IN FIELD

ALTERNATE SCHEDULE

- 1A. NEW TRASH / RECYCLE RECEPTACLE – ADD
1B. ALL RECEPTACLES TO REMAIN – BASE BID
- 2A. NEW STEEL BOLLARDS (FIXED AND REMOVABLE) – ADD
2B. EXISTING BOLLARDS TO REMAIN – BASE BID
- 3A. TEMPORARY FENCING AT DRIVE AISLE EDGE – ADD
3B. NO FENCING – BASE BID
- 4A. EAST BEACH RESTROOM AREA IMPROVEMENTS – ADD
4B. NO WORK AT RESTROOM AREA – BASE BID

MATERIALS SCHEDULE

PAVING								
TAG	SYMBOL	NAME	DETAIL	DESCRIPTION	MANUFACTURER / MODEL #	MATERIAL / COLOR / FINISH / QTY	QTY	NOTES
P1		PATHWAY PAVING	1–5/L6.02	STABILIZED CHERT	PARK TREAD WITH PERMAZYME PARK TREAD – BARTH CAMPBELL 415.388.1183, www.parktread.com	–		PARK TREAD – BARTH CAMPBELL 415.388.1183 WWW.PARKTREAD.COM
P2		PARKING LOT PAVING	4–6/L6.01	RE–SLURRY / RE–SEAL (E) ASPHALT PAVING	–	SEE SPECIFICATION, PER CIVL		MATCH (E) GRADES AND EDGES U.O.N.
P3		CONCRETE PAVING	1–3/L6.01	CIP CONCRETE – VEHICULAR AND PEDESTRIAN AS NOTED	–	NATURAL GRAY, BROOM FINISH WITH TOOLED JOINTS		LOCATE SCORE LINES AND EJ’S AS SHC
P4		SOFT SHOULDER PAVING	5/L6.02	UNCOMPACTED CHERT	–	TOPDRESS WITH CRUSHED STONE FROM EXISTING PROMENADE DEMOLITION		REMOVE ALL MATERIAL GREATER THAN 1 PRIOR TO TOPDRESSING
P5		ACCESSIBLE AND REGULAR PARKING	A90A	2015 CALTRAINS STANDARD PLAN		SEE SPECIFICATION, PER CIVL		
P6		PAVEMENT STRIPING & MARKING	A20A,A24A A14F	2015 CALTRAINS STANDARD PLAN		SEE SPECIFICATION, PER CIVL		
P7		ASPHALT PAVING	5,6/L6.01	NEW ASPHALT PAVING		SEE SPECIFICATION, PER CIVL		

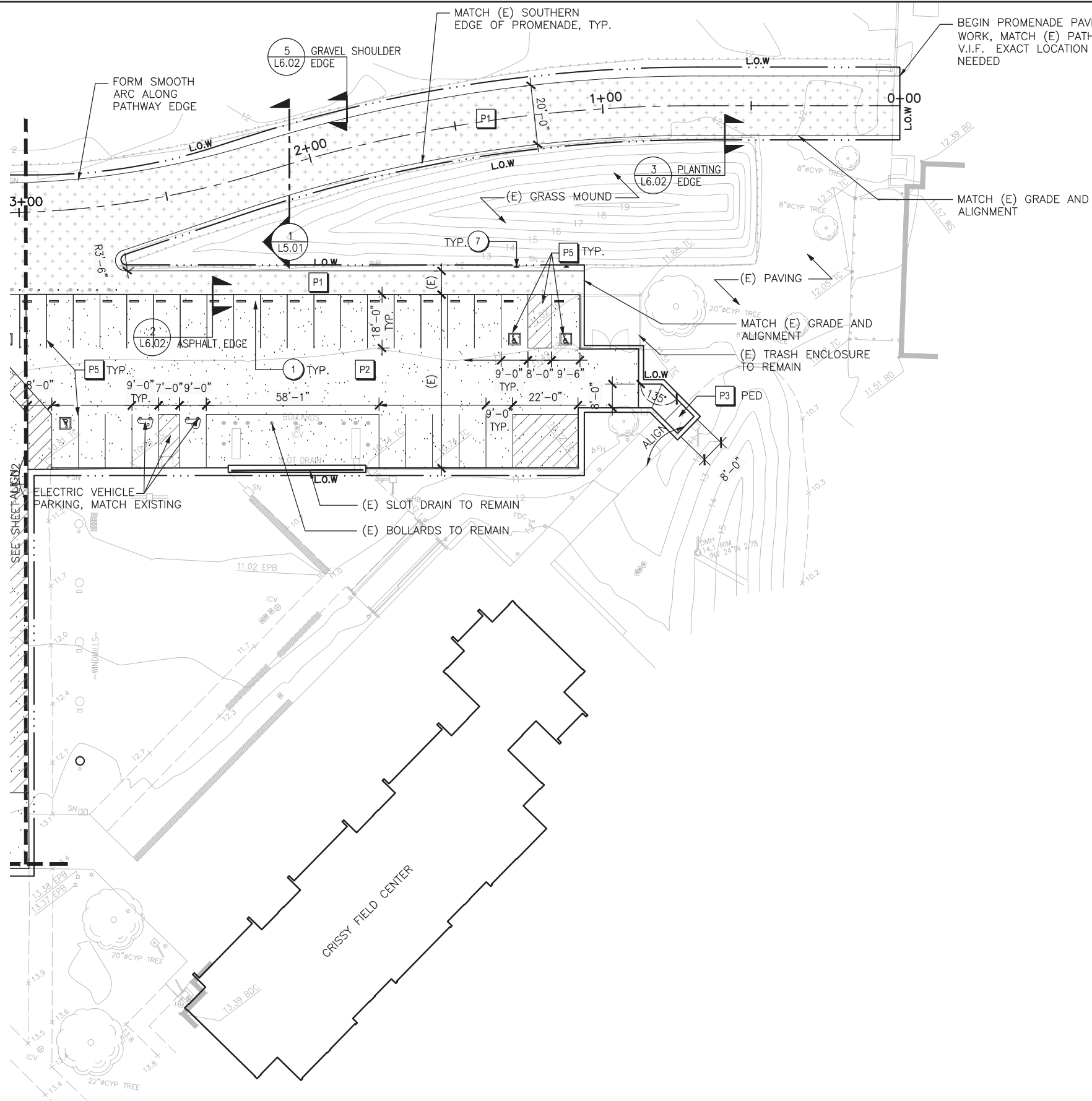
SITE ELEMENTS								
1		WHEEL STOP	2/L6.10	RECYCLED RUBBER WHEEL STOP (3’ X 6”) 1A: BLACK WITH WHITE REFLECTIVE TAPE 1B: BLUE ADA COMPLIANT	–	SEE SPEC FOR ADDITIONAL INFO		
2		LOW PLANTING FENCE	3/L6.10	2’ DIA. X 3’ STEEL BOLLARD (FIXED)	–	HOT DIPPED GALVANIZED STEEL WITH GALVANIZED CABLE		
3		TEMPORARY FENCE	4/L6.10	2’ DIA. X 4’ STEEL BOLLARD (REMOVABLE)	–	HOT DIPPED GALVANIZED STEEL WITH HIGH VISIBILITY PVC COATED CABLE		SEE ALTERNATE SCHEDULE ON THIS SHE
4		STEEL BOLLARD	1/L6.10	4” DIA. X 4’ STEEL BOLLARD 4A: FIXED 4B: REMOVABLE	CALPIPE	HOT DIPPED GALVANIZED STEEL		SEE ALTERNATE SCHEDULE ON THIS SHE
5		REDWOOD HEADER	3/L6.31	–	–	–		
6		REGULATORY SIGN	6/L6.10	MUTCD COMPLIANT SIGN: – ADA ‘PARKING ONLY’ + ‘VAN ACCESSIBLE’ AT ACCESSIBLE PARKING STALLS – 24” X 24” ‘STOP’ (AS NOTED)	–	STANDARD 0.080 ALUMINUM TRAFFIC SIGN ON 2” DIA. GALVANIZED STEEL POLE		

SITE FURNITURE / WALLS								
F1		TRASH/RECYCLE RECEPTACLE	1/L6.11	–	BEARSAVER – HA2–NO1 CUSTOM ACCESSIBLE DOUBLE COMBO WWW.BEARSAVER.COM	COLOR: BLACK PLASTIC WOOD SIDING: WEATHERED “REDWOOD” COLOR APPLY COLD SPRAY GALVANIZING		SEE ALTERNATE SCHEDULE ON THIS SHE
F2		SEAWALL CAP	5/L6.10	POURED–IN–PLACE CONCRETE CAP	CUSTOM	NATURAL GRAY WITH MEDIUMS AND BLAST		
F3		BENCH	1–3/L6.12	CRISSY BENCH WITH ARMREST	CUSTOM	HOT DIPPED GALVANIZED STEEL & RECLAIMED CEDAR		
F4		BENCH	–/L6.12	REFURBISHED BENCH – WOOD SLATS REPLACEMENT RELOCATION PER PLAN	CUSTOM			
F6		PICNIC TABLE	X/L6.01	–	–	–		
F7		BBQ GRILL	2/L6.11	ACCESSIBLE GRILLS AS NOTED	PILOT ROCK ACCESSIBLE PARK GRILL: ASW–20 STANDARD: K–20	EMBED INTO CONCRETE FOOTING		WWW.PILOTROCK.COM



CMG
CONGER MOSS GUILLARD
300 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/436-3076
FACSIMILE: 415/436-3086

DESIGNED: CMG GADG HN/JH/RG	SUB SHEET NO. 	TITLE OF SHEET MATERIALS SCHEDULE CRISSY FIELD: PROMENADE RESURFACING AND EAST BEACH PARKING RECONFIGURATION GOLDEN GATE NATIONAL RECREATION AREA THE PRESIDIO OF SAN FRANCISCO		DRAWING NO. L1.00
TECH. REVIEW: KC/GB/CR				PMIS/PKG NO. 221770
DATE: 05.20.2016				SHEET XX OF XX



MATERIALS SCHEDULE			
PAVING			
TAG	SYMBOL	NAME	DETAIL
P1		PATHWAY PAVING	1-5/L6.02
P2		PARKING LOT PAVING	4-6/L6.01
P3		CONCRETE PAVING	1-3/L6.01
P4		SOFT SHOULDER PAVING	5/L6.02
P5		ACCESSIBLE AND REGULAR PARKING	A90A
P6		PAVEMENT STRIPING & MARKING	A20A,A24A A14F
P7		ASPHALT PAVING	5,6/L6.01
SITE ELEMENTS			
1		WHEEL STOP	2/L6.10
2		LOW PLANTING FENCE	3/L6.10
3		TEMPORARY FENCE	4/L6.10
4		STEEL BOLLARD	1/L6.10
5		REDWOOD HEADER	3/L6.31
6		REGULATORY SIGN	6/L6.10
SITE FURNITURE / WALLS			
F1		TRASH/RECYCLE RECEPTACLE	1/L6.11
F2		SEAWALL CAP	5/L6.10
F3		BENCH	1-3/L6.12
F4		BENCH	-/L6.12
F6		PICNIC TABLE	X/L6.01
F7		BBQ GRILL	2/L6.11



CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
LAYOUT AND MATERIALS PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

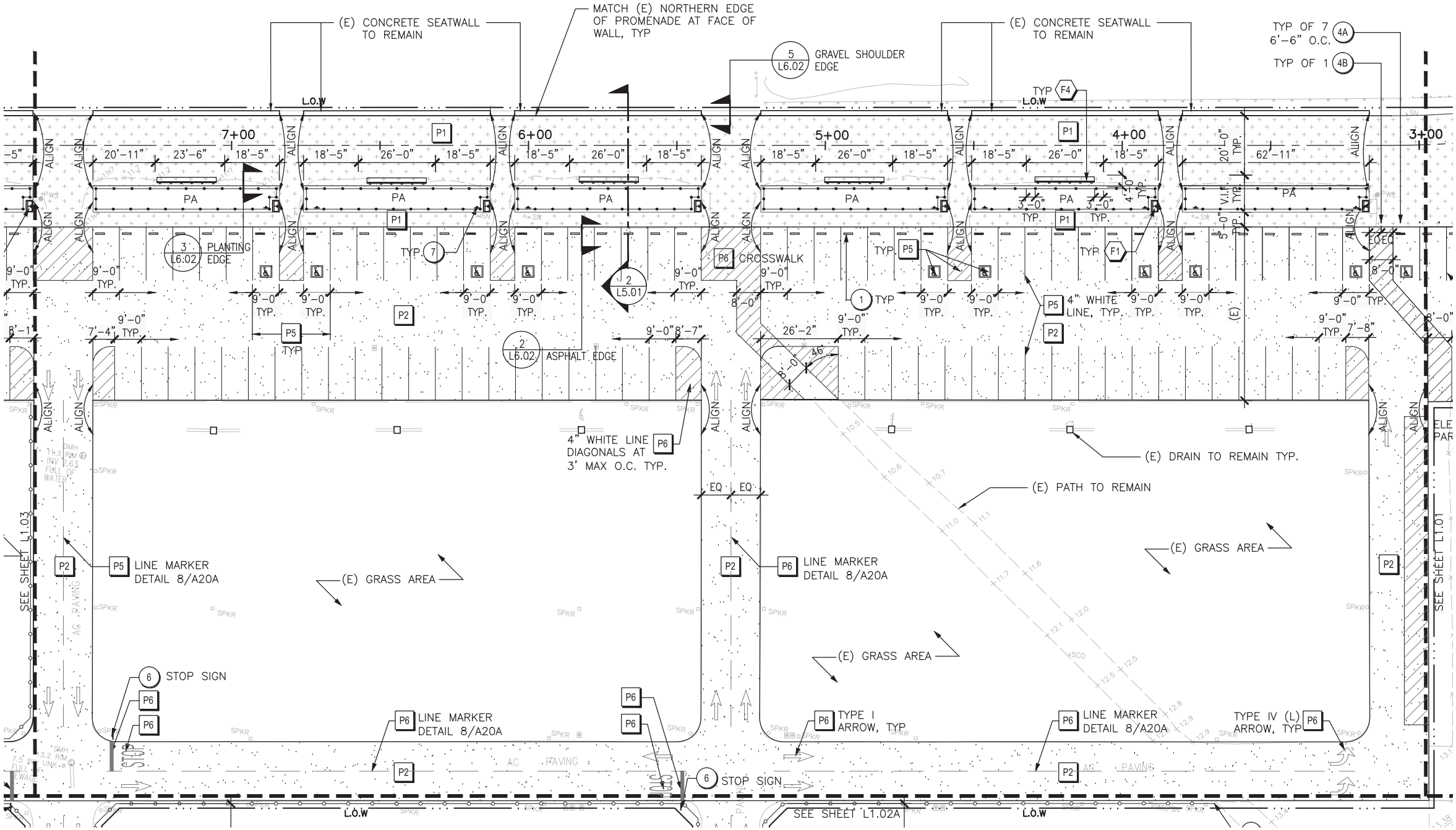
DRAWING NO.
L1.01
PMIS/PKG NO.
221770
SHEET
OF

MATERIALS SCHEDULE

PAVING			
TAG	SYMBOL	NAME	DETAIL
P1		PATHWAY PAVING	1-5/L6.02
P2		PARKING LOT PAVING	4-6/L6.01
P3		CONCRETE PAVING	1-3/L6.01
P4		SOFT SHOULDER PAVING	5/L6.02
P5		ACCESSIBLE AND REGULAR PARKING	A90A
P6		PAVEMENT STRIPING & MARKING	A20A,A24A A14F
P7		ASPHALT PAVING	5,6/L6.01

SITE ELEMENTS			
1		WHEEL STOP	2/L6.10
2		LOW PLANTING FENCE	3/L6.10
3		TEMPORARY FENCE	4/L6.10
4		STEEL BOLLARD	1/L6.10
5		REDWOOD HEADER	3/L6.31
6		REGULATORY SIGN	6/L6.10

SITE FURNITURE / WALLS			
F1		TRASH/RECYCLE RECEPTACLE	1/L6.11
F2		SEAWALL CAP	5/L6.10
F3		BENCH	1-3/L6.12
F4		BENCH	-/L6.12
F6		PICNIC TABLE	X/L6.01
F7		BBQ GRILL	2/L6.11
F8		HOT COAL CONTAINER	SIM 1/L6.11



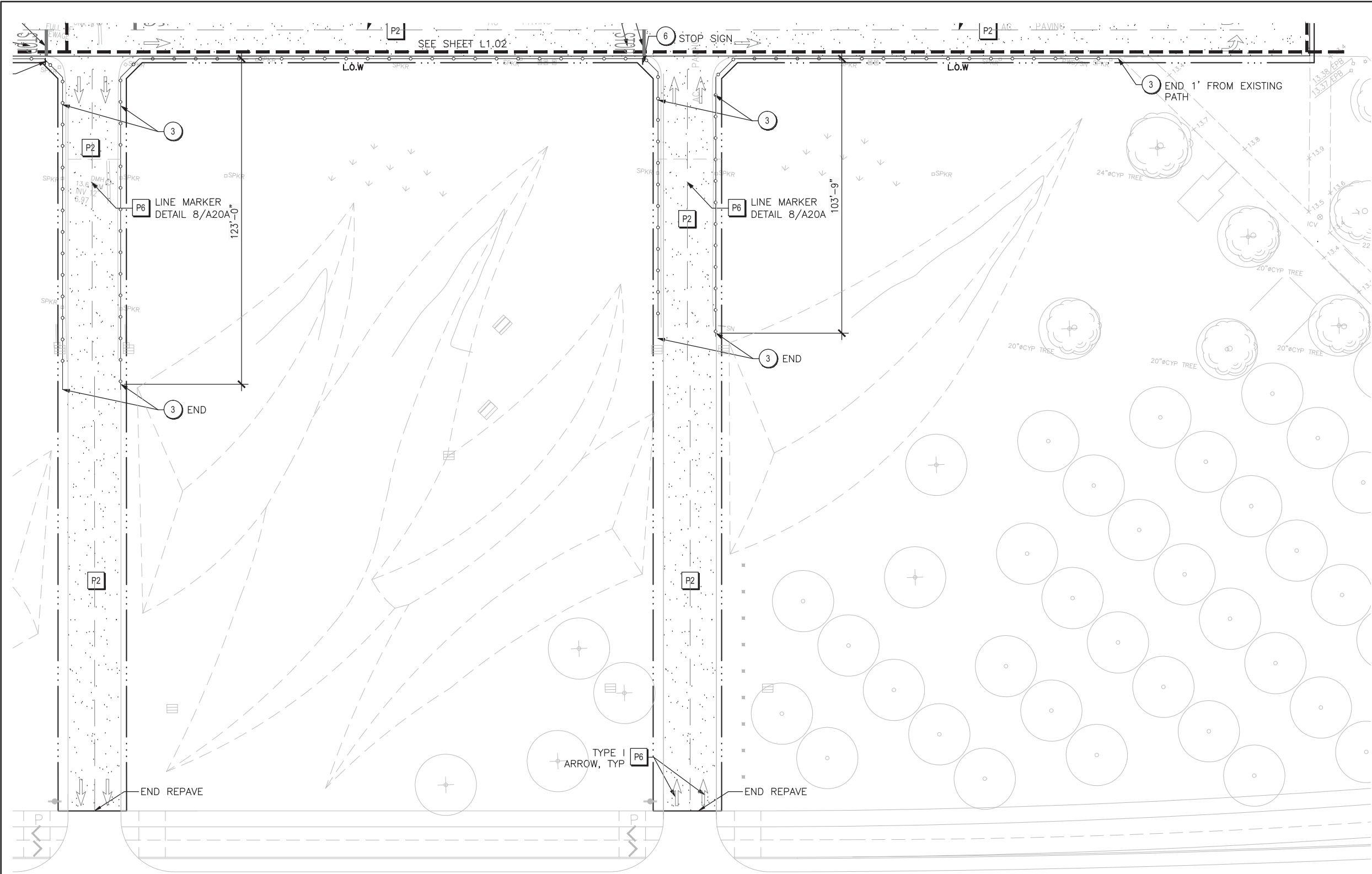
CMG
CONGER MOSS GUILLARD
300 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
LAYOUT AND MATERIALS PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L1.02
PMIS/PKG NO.
221770
SHEET
OF



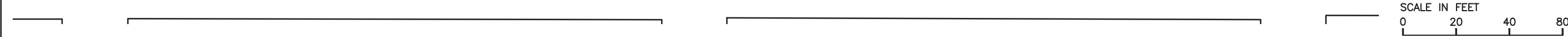
OLD MASON STREET

MATERIALS SCHEDULE

PAVING			
TAG	SYMBOL	NAME	DETAIL
P1		PATHWAY PAVING	1-5/L6.02
P2		PARKING LOT PAVING	4-6/L6.01
P3		CONCRETE PAVING	1-3/L6.01
P4		SOFT SHOULDER PAVING	5/L6.02
P5		ACCESSIBLE AND REGULAR PARKING	A90A
P6		PAVEMENT STRIPING & MARKING	A20A,A24A A14F
P7		ASPHALT PAVING	5,6/L6.01

SITE ELEMENTS			
1		WHEEL STOP	2/L6.10
2		LOW PLANTING FENCE	3/L6.10
3		TEMPORARY FENCE	4/L6.10
4		STEEL BOLLARD	1/L6.10
5		REDWOOD HEADER	3/L6.31
6		REGULATORY SIGN	6/L6.10

SITE FURNITURE / WALLS			
F1		TRASH/RECYCLE RECEPTACLE	1/L6.11
F2		SEAWALL CAP	5/L6.10
F3		BENCH	1-3/L6.12
F4		BENCH	-/L6.12
F6		PICNIC TABLE	X/L6.01
F7		BBQ GRILL	2/L6.11
F8		HOT COAL CONTAINER	SIM 1/L6.11



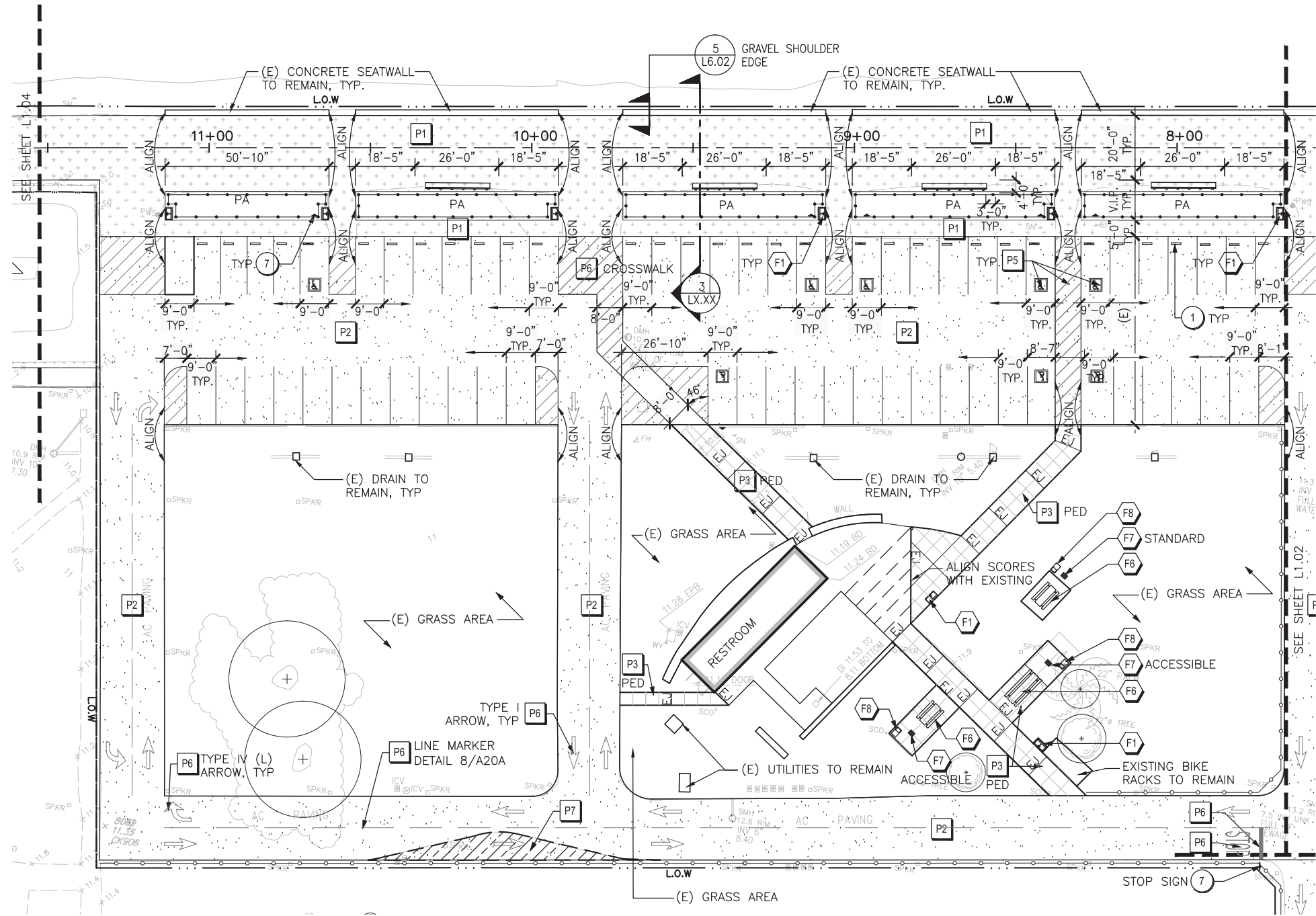
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

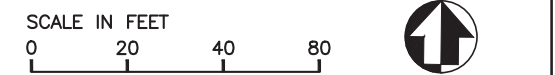
SUB SHEET NO.
1

TITLE OF SHEET
LAYOUT AND MATERIALS PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L1.02A
PMIS/PKG NO.
221770
SHEET
OF



MATERIALS SCHEDULE			
PAVING			
TAG	SYMBOL	NAME	DETAIL
P1		PATHWAY PAVING	1-5/L6.02
P2		PARKING LOT PAVING	4-6/L6.01
P3		CONCRETE PAVING	1-3/L6.01
P4		SOFT SHOULDER PAVING	5/L6.02
P5		ACCESSIBLE AND REGULAR PARKING	A90A
P6		PAVEMENT STRIPING & MARKING	A20A,A24A A14F
P7		ASPHALT PAVING	5,6/L6.01
SITE ELEMENTS			
1		WHEEL STOP	2/L6.10
2		LOW PLANTING FENCE	3/L6.10
3		TEMPORARY FENCE	4/L6.10
4		STEEL BOLLARD	1/L6.10
5		REDWOOD HEADER	3/L6.31
6		REGULATORY SIGN	6/L6.10
SITE FURNITURE / WALLS			
F1		TRASH/RECYCLE RECEPTACLE	1/L6.11
F2		SEAWALL CAP	5/L6.10
F3		BENCH	1-3/L6.12
F4		BENCH	-/L6.12
F6		PICNIC TABLE	X/L6.01
F7		BBQ GRILL	2/L6.11
F8		HOT COAL CONTAINER	SIM 1/L6.11



CMG

CONGER MOSS GUILLARD

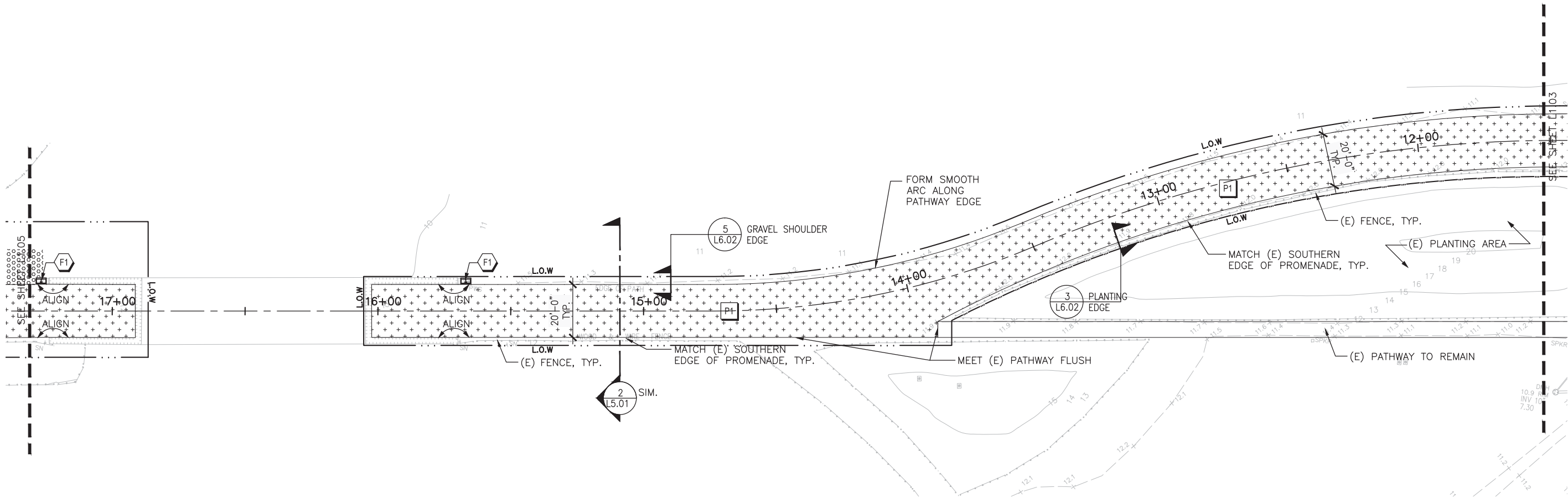
300 THIRD STREET SUITE 215

SAN FRANCISCO, CA 94107

TELEPHONE: 415/498-3878

FACSIMILE: 415/498-3888

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CMG		LAYOUT AND MATERIALS PLAN	L1.03
HN/JH/RG		CRISSY FIELD: PROMENADE RESURFACING AND EAST BEACH PARKING RECONFIGURATION	PMIS/PKG NO. 221770
TECH. REVIEW: KC/GB/CR		GOLDEN GATE NATIONAL RECREATION AREA THE PRESIDIO OF SAN FRANCISCO	SHEET
DATE: 05.20.2016			OF



MATERIALS SCHEDULE

PAVING			
TAG	SYMBOL	NAME	DETAIL
P1		PATHWAY PAVING	1-5/L6.02
P2		PARKING LOT PAVING	4-6/L6.01
P3		CONCRETE PAVING	1-3/L6.01
P4		SOFT SHOULDER PAVING	5/L6.02
P5		ACCESSIBLE AND REGULAR PARKING	A90A
P6		PAVEMENT STRIPING & MARKING	A20A,A24A A14F
P7		ASPHALT PAVING	5,6/L6.01

SITE ELEMENTS			
1		WHEEL STOP	2/L6.10
2		LOW PLANTING FENCE	3/L6.10
3		TEMPORARY FENCE	4/L6.10
4		STEEL BOLLARD	1/L6.10
5		REDWOOD HEADER	3/L6.31
6		REGULATORY SIGN	6/L6.10

SITE FURNITURE / WALLS			
F1		TRASH/RECYCLE RECEPTACLE	1/L6.11
F2		SEAWALL CAP	5/L6.10
F3		BENCH	1-3/L6.12
F4		BENCH	-/L6.12
F6		PICNIC TABLE	X/L6.01
F7		BBQ GRILL	2/L6.11
F8		HOT COAL CONTAINER	SIM 1/L6.11

SCALE IN FEET
0 20 40 80



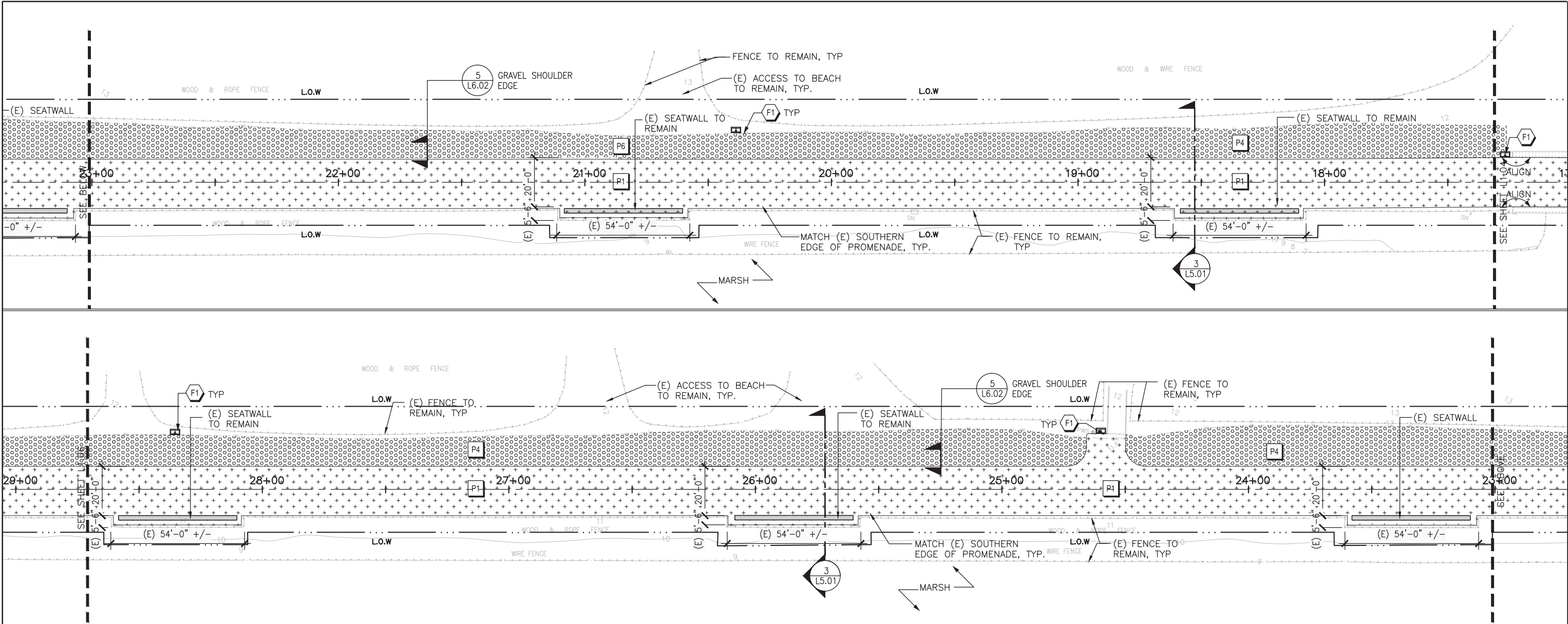
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
LAYOUT AND MATERIALS PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L1.04
PMIS/PKG NO.
221770
SHEET
OF



MATERIALS SCHEDULE

PAVING			
TAG	SYMBOL	NAME	DETAIL
P1		PATHWAY PAVING	1-5/L6.02
P2		PARKING LOT PAVING	4-6/L6.01
P3		CONCRETE PAVING	1-3/L6.01
P4		SOFT SHOULDER PAVING	5/L6.02
P5		ACCESSIBLE AND REGULAR PARKING	A90A
P6		PAVEMENT STRIPING & MARKING	A20A,A24A A14F
P7		ASPHALT PAVING	5,6/L6.01

SITE ELEMENTS			
1		WHEEL STOP	2/L6.10
2		LOW PLANTING FENCE	3/L6.10
3		TEMPORARY FENCE	4/L6.10
4		STEEL BOLLARD	1/L6.10
5		REDWOOD HEADER	3/L6.31
6		REGULATORY SIGN	6/L6.10

SITE FURNITURE / WALLS			
F1		TRASH/RECYCLE RECEPTACLE	1/L6.11
F2		SEAWALL CAP	5/L6.10
F3		BENCH	1-3/L6.12
F4		BENCH	-/L6.12
F6		PICNIC TABLE	X/L6.01
F7		BBQ GRILL	2/L6.11
F8		HOT COAL CONTAINER	SIM 1/L6.11



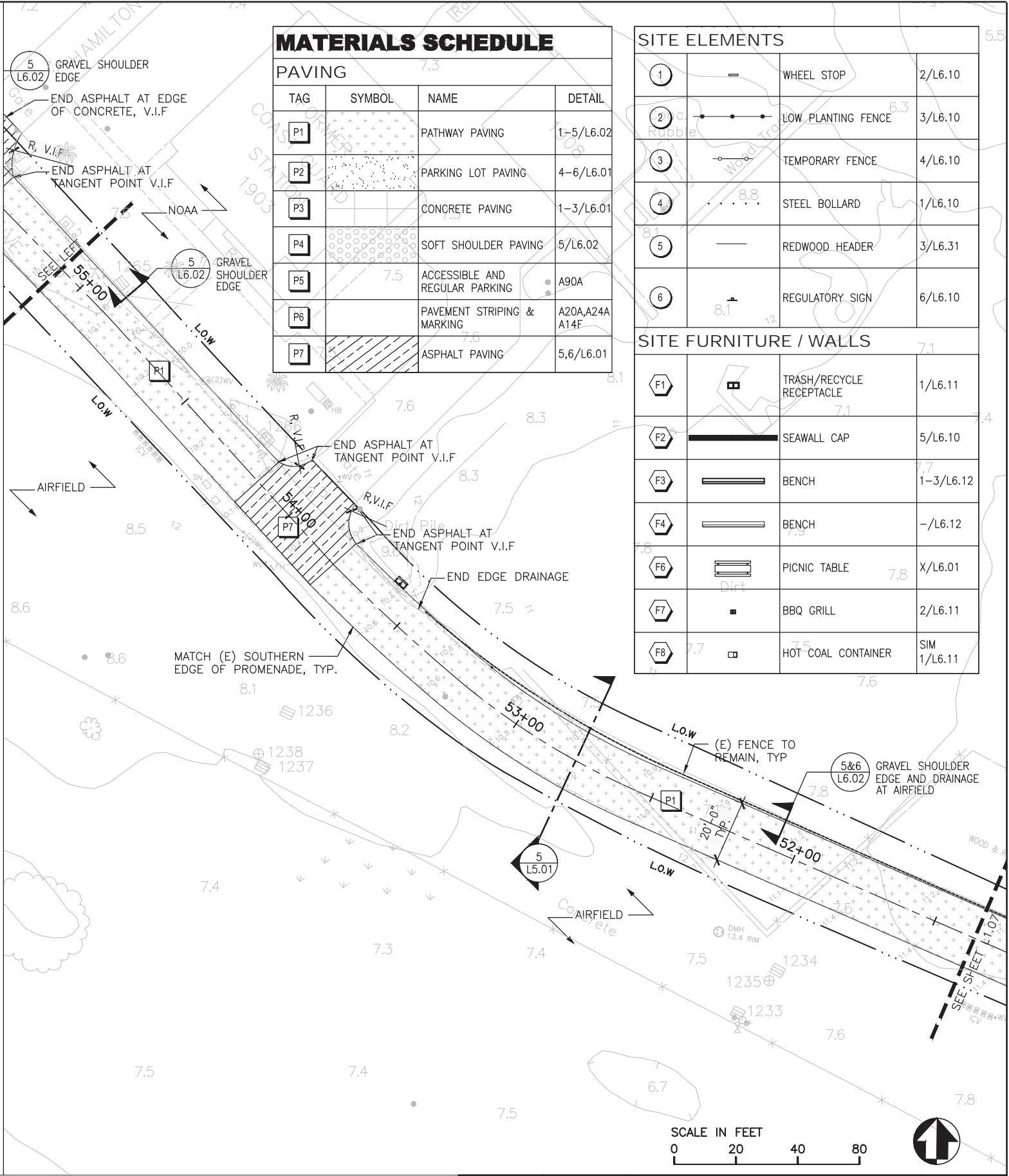
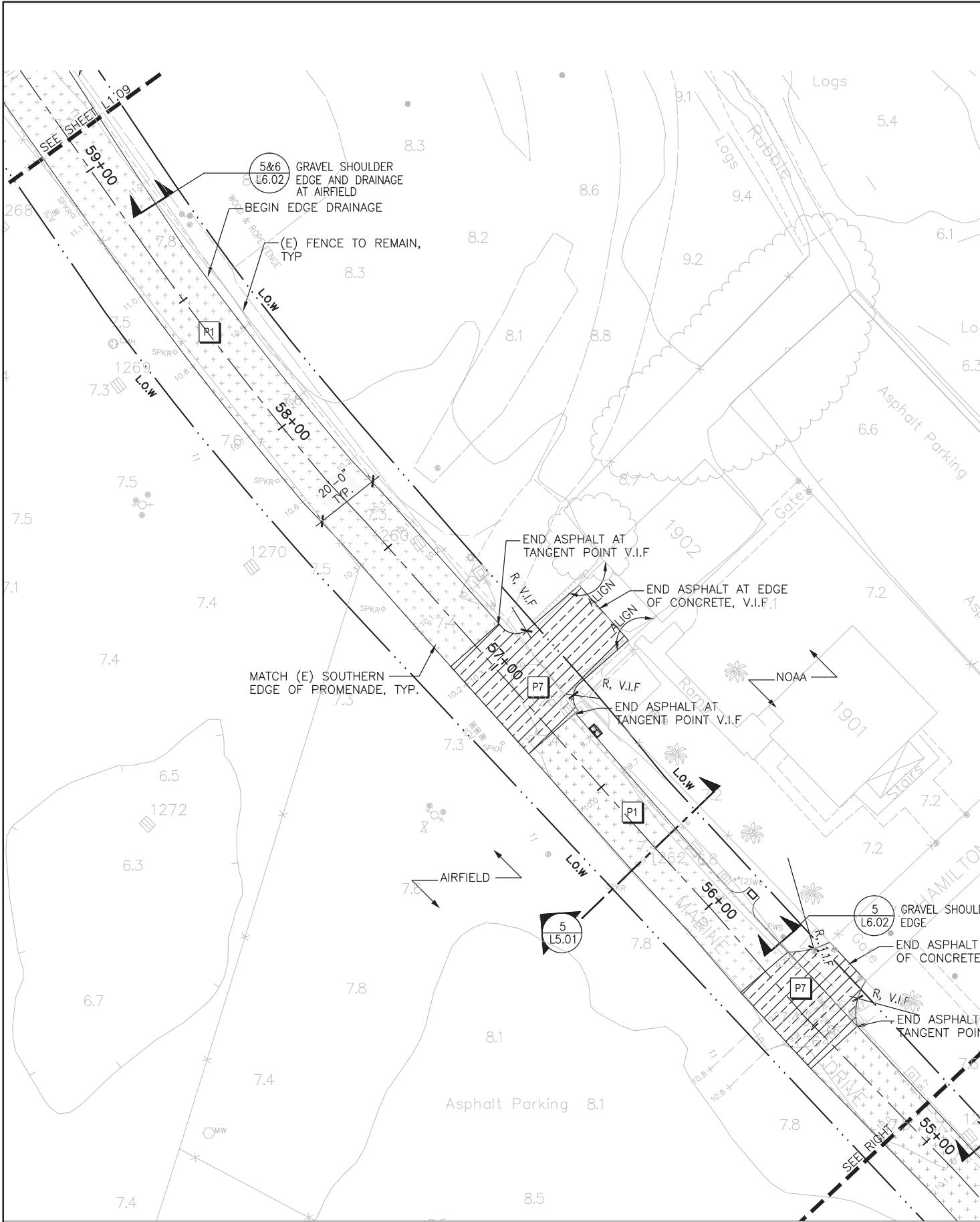
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/495-3878
FACSIMILE: 415/495-3888

DESIGNED:
CMG
CHAD
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

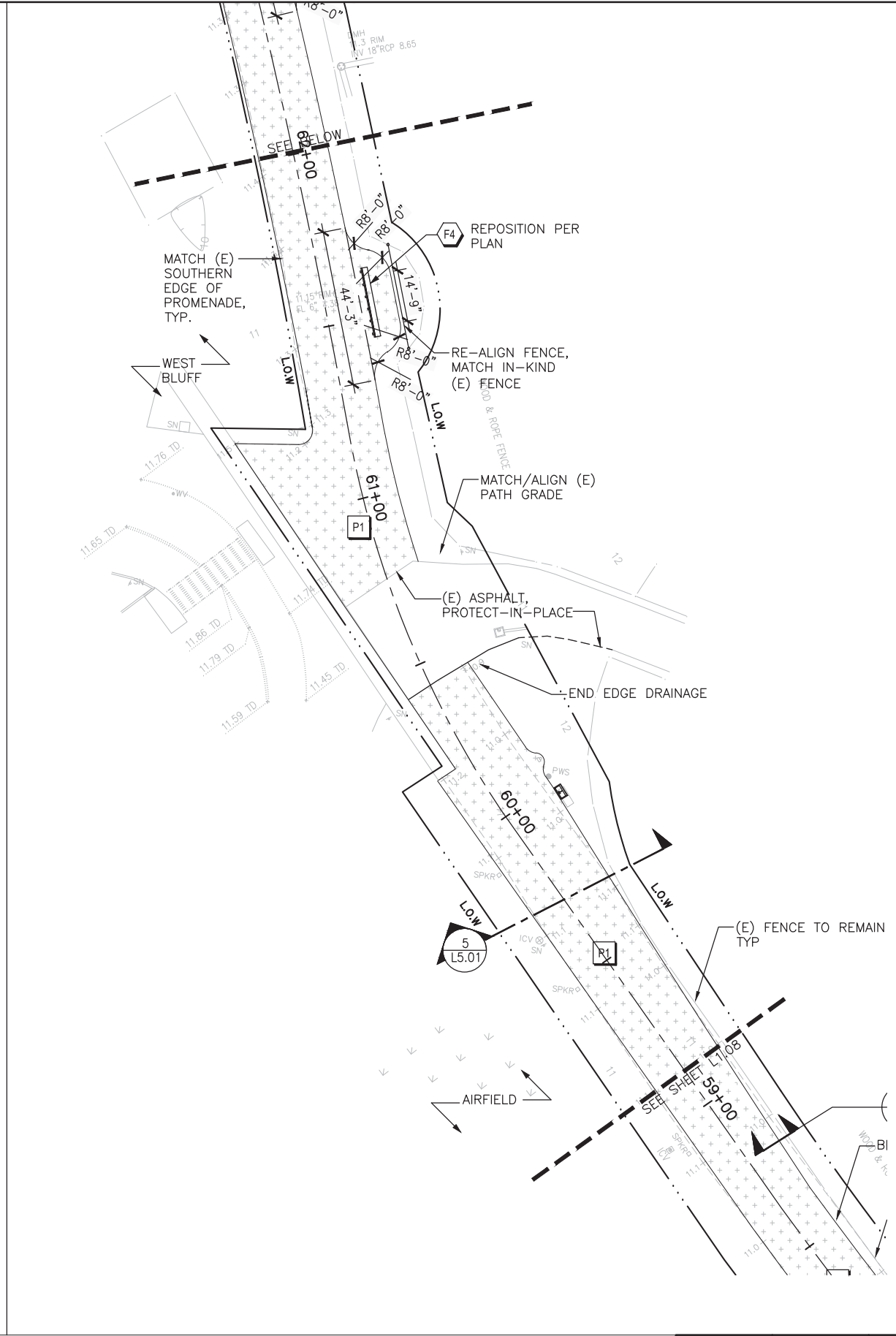
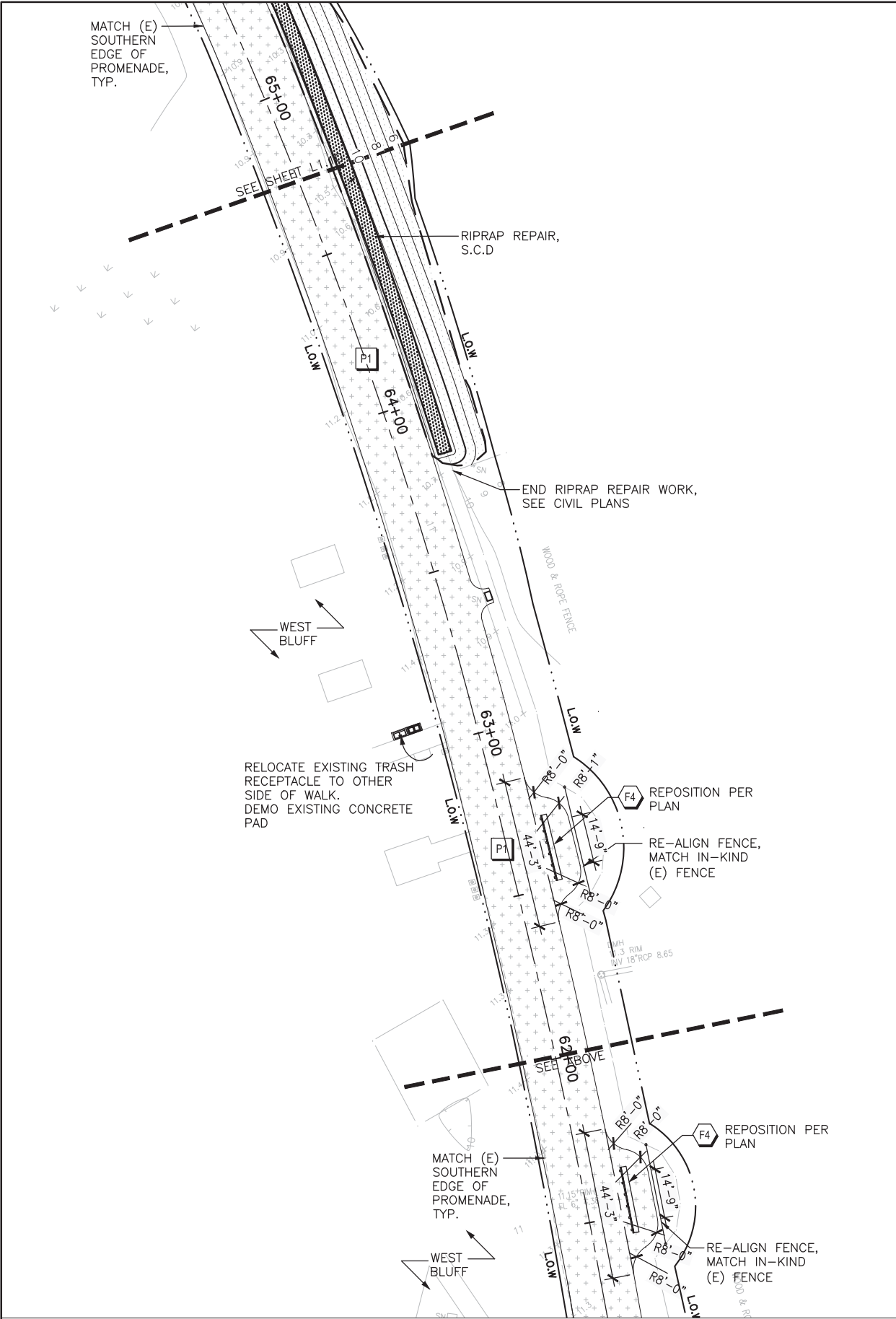
SUB SHEET NO.

TITLE OF SHEET
LAYOUT AND MATERIALS PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L1.05
PMIS/PKG NO.
221770
SHEET
OF



DESIGNED: CMG HN/JH/RG TECH. REVIEW: KC/GB/CR DATE: 05.20.2016	SUB SHEET NO. 	TITLE OF SHEET LAYOUT AND MATERIALS PLAN CRISSY FIELD: PROMENADE RESURFACING AND EAST BEACH PARKING RECONFIGURATION GOLDEN GATE NATIONAL RECREATION AREA THE PRESIDIO OF SAN FRANCISCO	DRAWING NO. L1.08 PMIS/PKG NO. 221770 SHEET OF
--	-----------------------	--	--



MATERIALS SCHEDULE			
PAVING			
TAG	SYMBOL	NAME	DETAIL
P1		PATHWAY PAVING	1-5/L6.02
P2		PARKING LOT PAVING	4-6/L6.01
P3		CONCRETE PAVING	1-3/L6.01
P4		SOFT SHOULDER PAVING	5/L6.02
P5		ACCESSIBLE AND REGULAR PARKING	A90A
P6		PAVEMENT STRIPING & MARKING	A20A,A24A A14F
P7		ASPHALT PAVING	5,6/L6.01
SITE ELEMENTS			
1		WHEEL STOP	2/L6.10
2		LOW PLANTING FENCE	3/L6.10
3		TEMPORARY FENCE	4/L6.10
4		STEEL BOLLARD	1/L6.10
5		REDWOOD HEADER	3/L6.31
6		REGULATORY SIGN	6/L6.10
SITE FURNITURE / WALLS			
F1		TRASH/RECYCLE RECEPTACLE	1/L6.11
F2		SEAWALL CAP	5/L6.10
F3		BENCH	1-3/L6.12
F4		BENCH	-/L6.12
F6		PICNIC TABLE	X/L6.01
F7		BBQ GRILL	2/L6.11



CMG
CONGER MOSS GUILLARD
300 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
LAYOUT AND MATERIALS PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

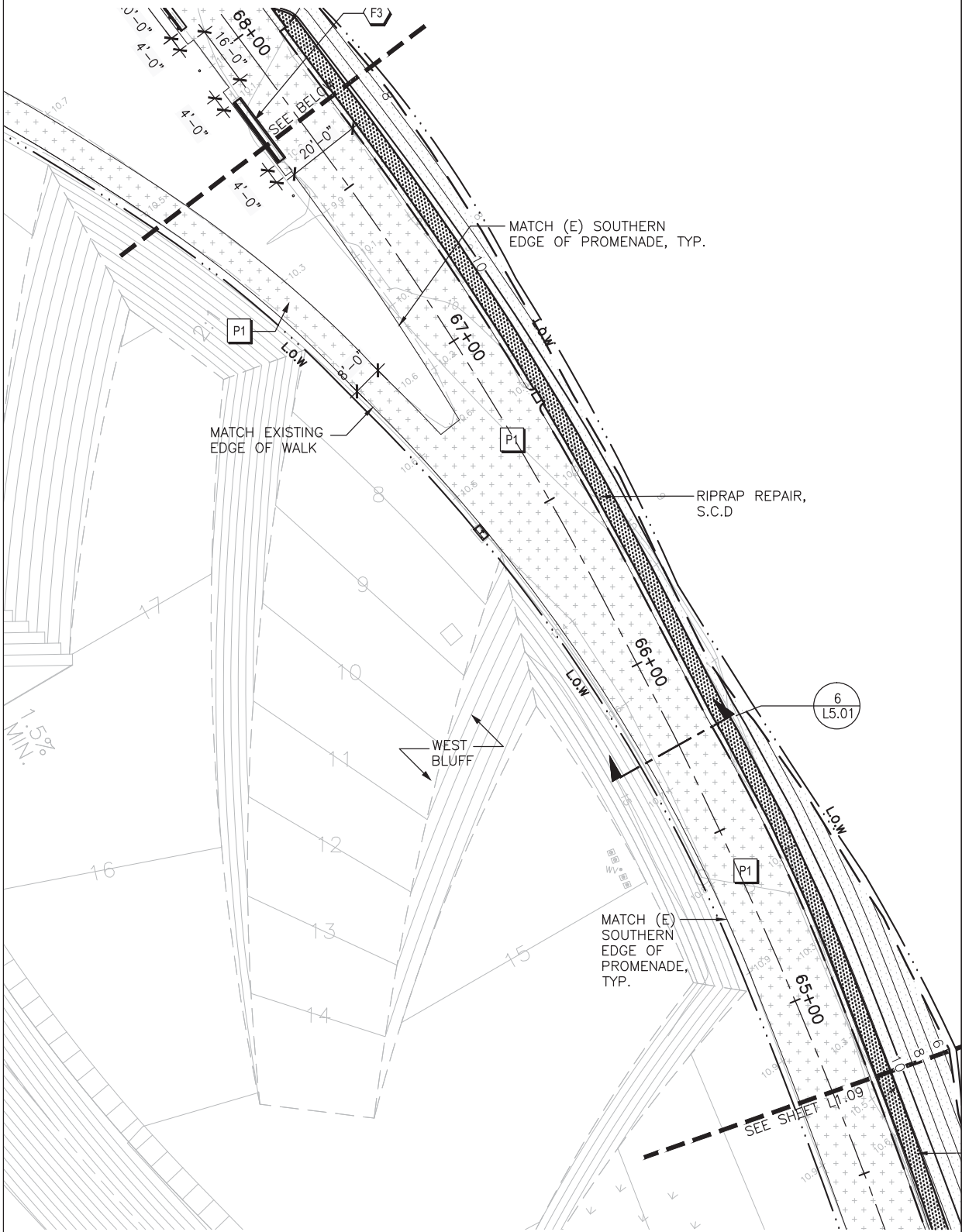
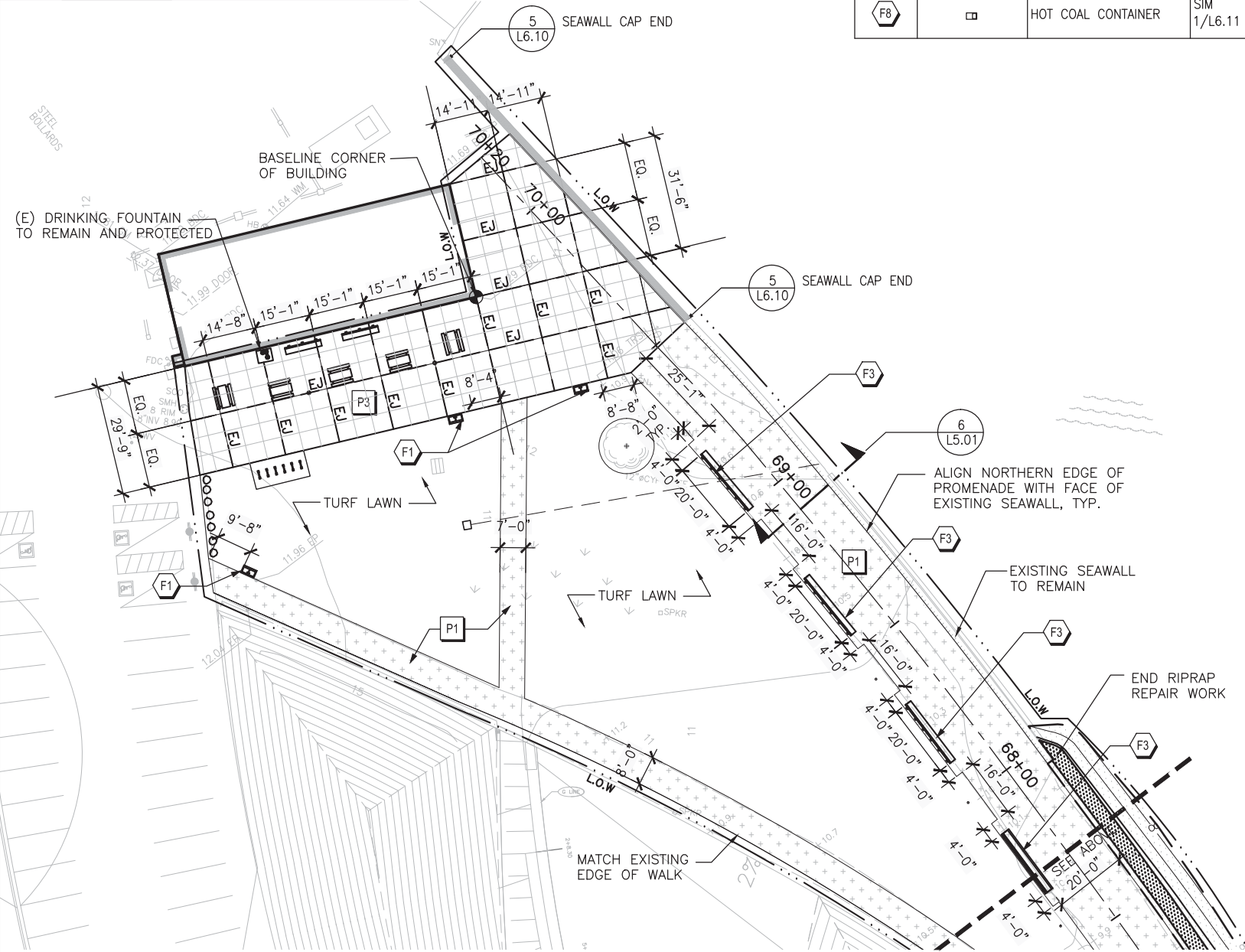
DRAWING NO.
L1.09
PMIS/PKG NO.
221770
SHEET
OF

MATERIALS SCHEDULE

PAVING			
TAG	SYMBOL	NAME	DETAIL
P1		PATHWAY PAVING	1-5/L6.02
P2		PARKING LOT PAVING	4-6/L6.01
P3		CONCRETE PAVING	1-3/L6.01
P4		SOFT SHOULDER PAVING	5/L6.02
P5		ACCESSIBLE AND REGULAR PARKING	A90A
P6		PAVEMENT STRIPING & MARKING	A20A,A24A A14F
P7		ASPHALT PAVING	5,6/L6.01

SITE ELEMENTS			
1		WHEEL STOP	2/L6.10
2		LOW PLANTING FENCE	3/L6.10
3		TEMPORARY FENCE	4/L6.10
4		STEEL BOLLARD	1/L6.10
5		REDWOOD HEADER	3/L6.31
6		REGULATORY SIGN	6/L6.10

SITE FURNITURE / WALLS			
F1		TRASH/RECYCLE RECEPTACLE	1/L6.11
F2		SEAWALL CAP	5/L6.10
F3		BENCH	1-3/L6.12
F4		BENCH	-/L6.12
F6		PICNIC TABLE	X/L6.01
F7		BBQ GRILL	2/L6.11
F8		HOT COAL CONTAINER	SIM 1/L6.11



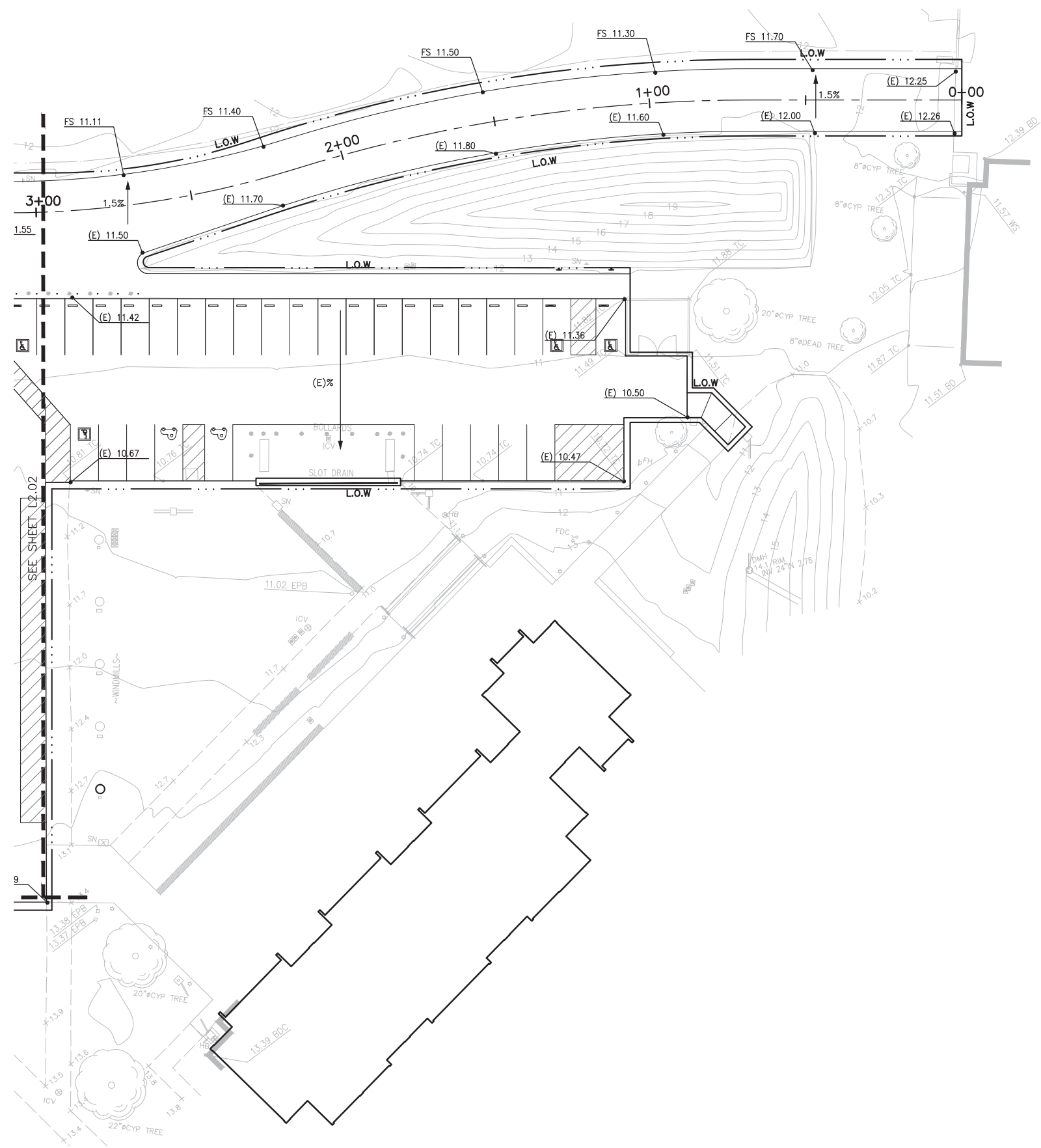
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
LAYOUT AND MATERIALS PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L1.10
PMIS/PKG NO.
221770
SHEET
OF



GRADING LEGEND

SYMBOL	DESCRIPTION
FS 20.15 x	PROPOSED SPOT ELEVATION
(E) 20.15 x	EXISTING SPOT ELEVATION
— GB —	GRADE BREAK
2% ↘	SLOPE
BC	BOTTOM OF CURB
BTA	BIOTREATMENT AREA
BW	BOTTOM OF WALL
BSW	BACK OF SIDEWALK
FG	FINISHED GRADE (AT PLANTING)
FS	FINISHED SURFACE (AT PAVING)
GB	GRADE BREAK
HP	HIGH POINT
LP	LOW POINT
S.C.D.	SEE CIVIL DRAWINGS
TC	TOP OF CURB
TW	TOP OF WALL
*SEE GRADING NOTES ON SHEET G0.02 FOR ADDITIONAL GRADING INFORMATION.	



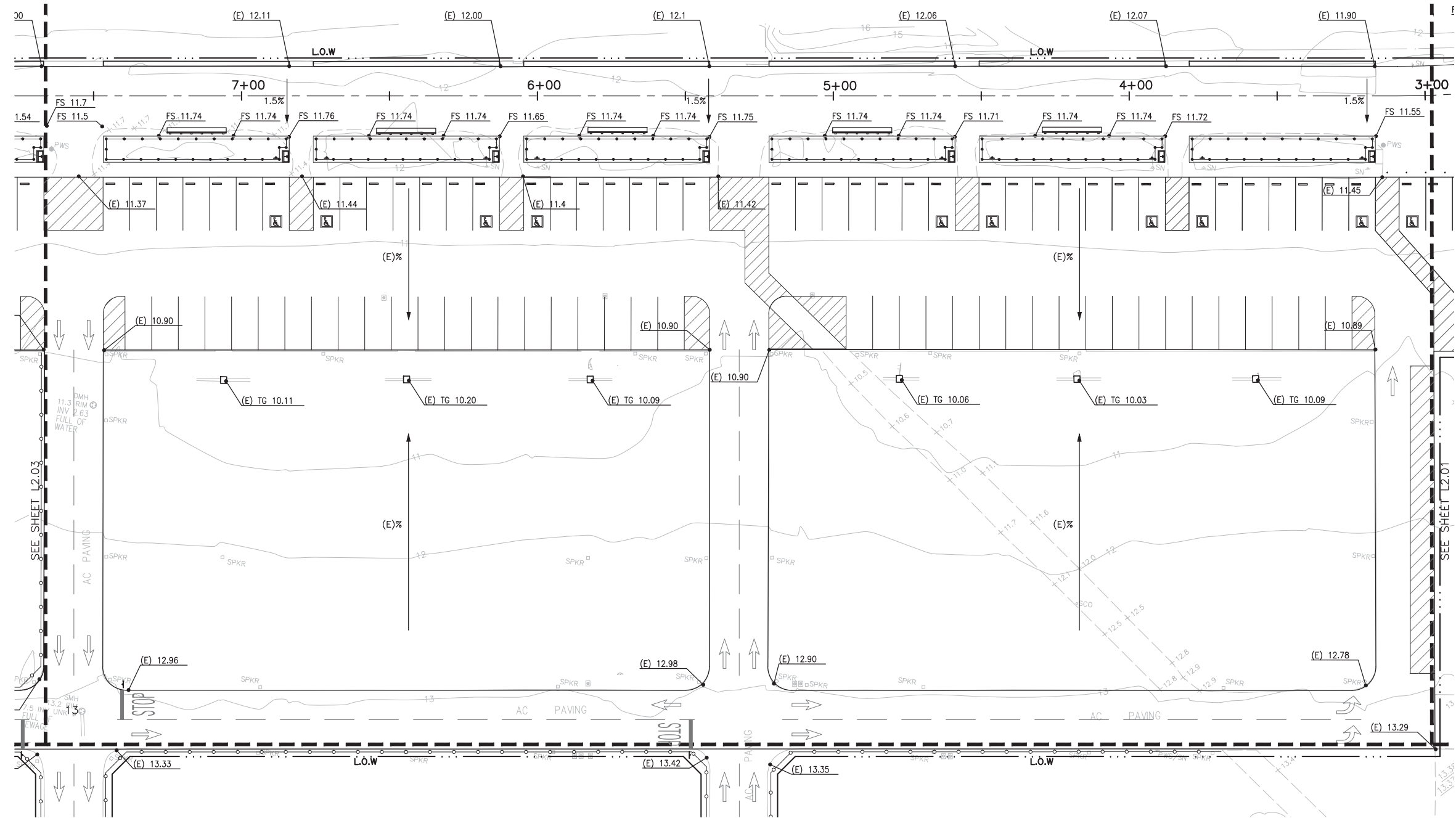
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
GRADING PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L2.01
PMIS/PKG NO.
221770
SHEET
OF



GRADING LEGEND

SYMBOL	DESCRIPTION
FS 20.15 x	PROPOSED SPOT ELEVATION
(E) 20.15 x	EXISTING SPOT ELEVATION
— CB —	GRADE BREAK
2%	SLOPE
BC	BOTTOM OF CURB
BTA	BIOTREATMENT AREA
BW	BOTTOM OF WALL
BSW	BACK OF SIDEWALK
FG	FINISHED GRADE (AT PLANTING)
FS	FINISHED SURFACE (AT PAVING)
GB	GRADE BREAK
HP	HIGH POINT
LP	LOW POINT
S.C.D.	SEE CIVIL DRAWINGS
TC	TOP OF CURB
TW	TOP OF WALL
*SEE GRADING NOTES ON SHEET G0.02 FOR ADDITIONAL GRADING INFORMATION.	

SCALE IN FEET
0 20 40 80



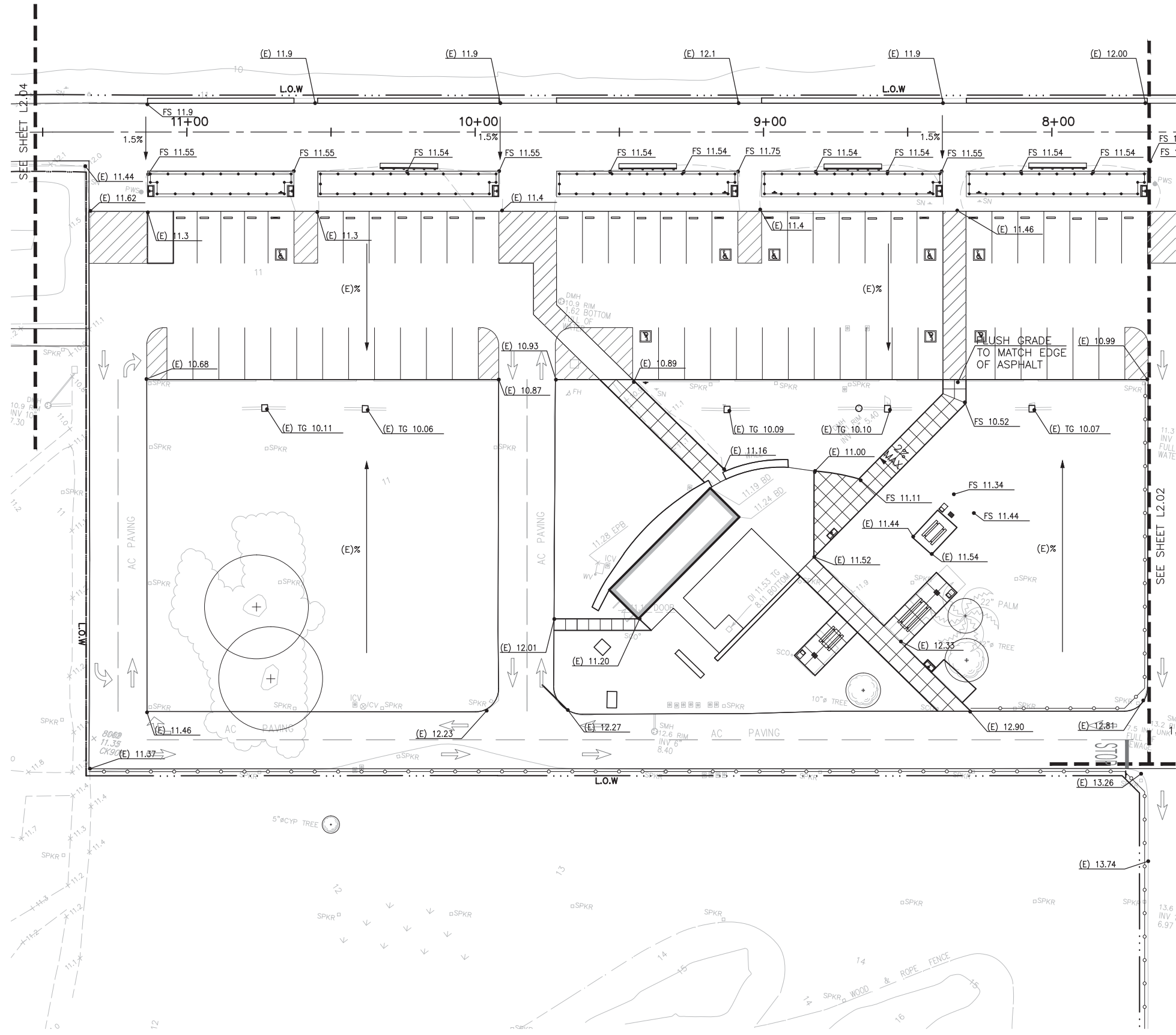
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
GRADING PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L2.02
PMIS/PKG NO.
221770
SHEET
OF



GRADING LEGEND

SYMBOL	DESCRIPTION
FS 20.15 x	PROPOSED SPOT ELEVATION
(E) 20.15 x	EXISTING SPOT ELEVATION
— CB —	GRADE BREAK
2% ↘	SLOPE
BC	BOTTOM OF CURB
BTA	BIOTREATMENT AREA
BW	BOTTOM OF WALL
BSW	BACK OF SIDEWALK
FG	FINISHED GRADE (AT PLANTING)
FS	FINISHED SURFACE (AT PAVING)
GB	GRADE BREAK
HP	HIGH POINT
LP	LOW POINT
S.C.D.	SEE CIVIL DRAWINGS
TC	TOP OF CURB
TW	TOP OF WALL
*SEE GRADING NOTES ON SHEET G0.02 FOR ADDITIONAL GRADING INFORMATION.	



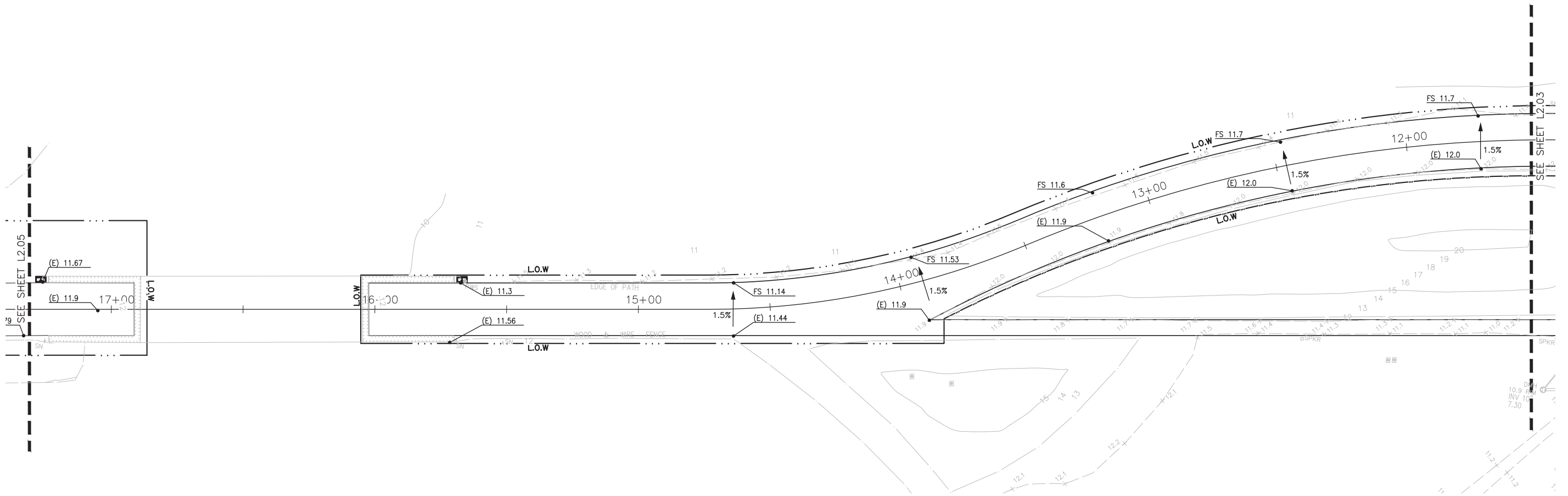
CMG
CONGER MOSS GUILLARD
300 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
GRADING PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L2.03
PMIS/PKG NO.
221770
SHEET
OF



GRADING LEGEND

SYMBOL	DESCRIPTION
FS 20.15 x	PROPOSED SPOT ELEVATION
(E) 20.15 x	EXISTING SPOT ELEVATION
CB	GRADE BREAK
2% ↘	SLOPE
BC	BOTTOM OF CURB
BTA	BIOTREATMENT AREA
BW	BOTTOM OF WALL
BSW	BACK OF SIDEWALK
FG	FINISHED GRADE (AT PLANTING)
FS	FINISHED SURFACE (AT PAVING)
GB	GRADE BREAK
HP	HIGH POINT
LP	LOW POINT
S.C.D.	SEE CIVIL DRAWINGS
TC	TOP OF CURB
TW	TOP OF WALL
*SEE GRADING NOTES ON SHEET G0.02 FOR ADDITIONAL GRADING INFORMATION.	

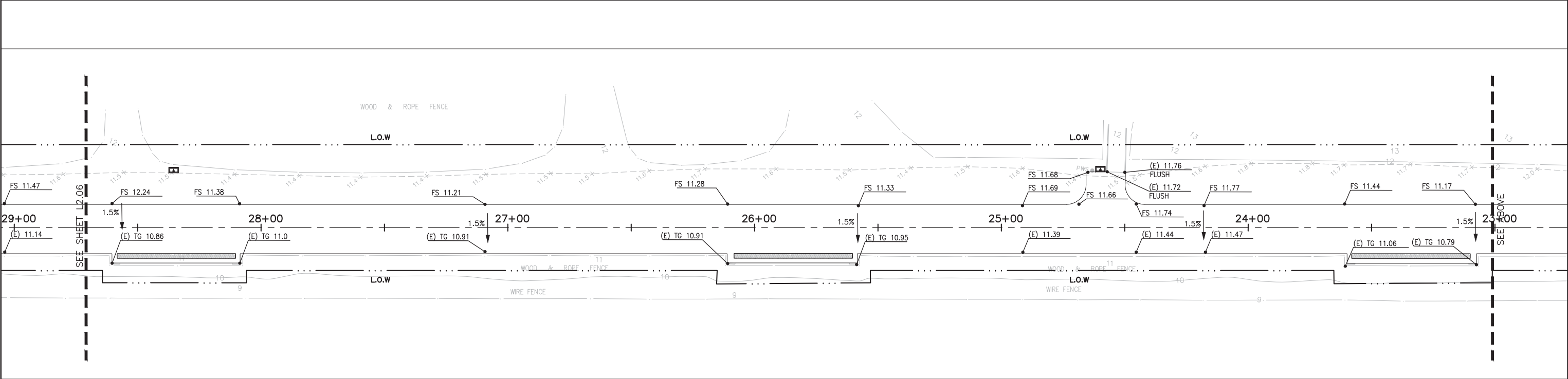
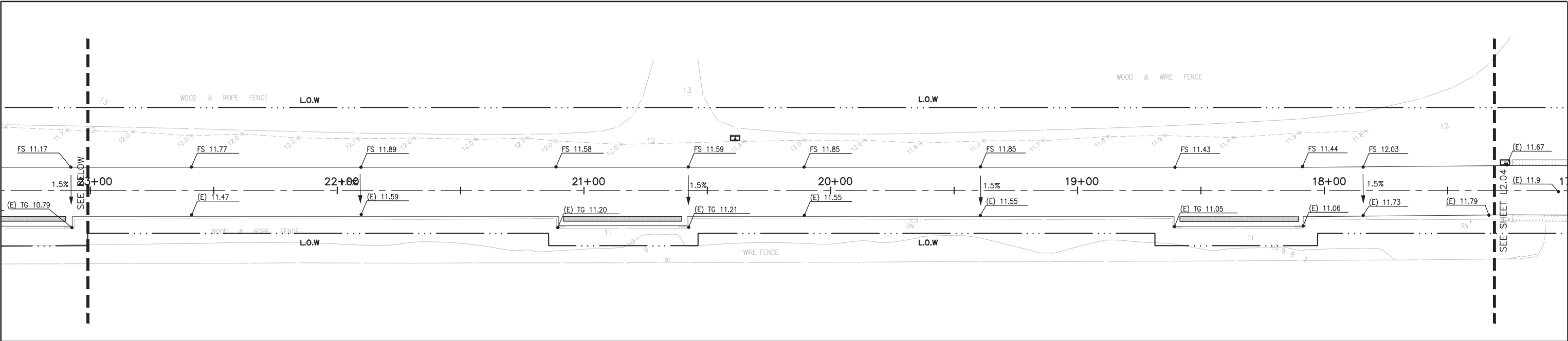


CMG
CONGER MOSS GUILLARD
900 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED: CMG	SUB SHEET NO.
CHAD HN/JH/RG	
TECH. REVIEW: KC/GB/CR	
DATE: 05.20.2016	

TITLE OF SHEET GRADING PLAN	DRAWING NO. L2.04
CRISSY FIELD: PROMENADE RESURFACING AND EAST BEACH PARKING RECONFIGURATION	
GOLDEN GATE NATIONAL RECREATION AREA THE PRESIDIO OF SAN FRANCISCO	

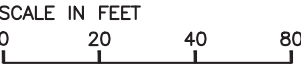
PMIS/PKG NO. 221770
SHEET OF



GRADING LEGEND

SYMBOL	DESCRIPTION		
FS 20.15 x	PROPOSED SPOT ELEVATION	FG	FINISHED GRADE (AT PLANTING)
(E) 20.15 x	EXISTING SPOT ELEVATION	FS	FINISHED SURFACE (AT PAVING)
— GB —	GRADE BREAK	GB	GRADE BREAK
2% ↘	SLOPE	HP	HIGH POINT
BC	BOTTOM OF CURB	LP	LOW POINT
BTA	BIOTREATMENT AREA	S.C.D.	SEE CIVIL DRAWINGS
BW	BOTTOM OF WALL	TC	TOP OF CURB
BSW	BACK OF SIDEWALK	TW	TOP OF WALL

*SEE GRADING NOTES ON SHEET G0.02 FOR
ADDITIONAL GRADING INFORMATION.



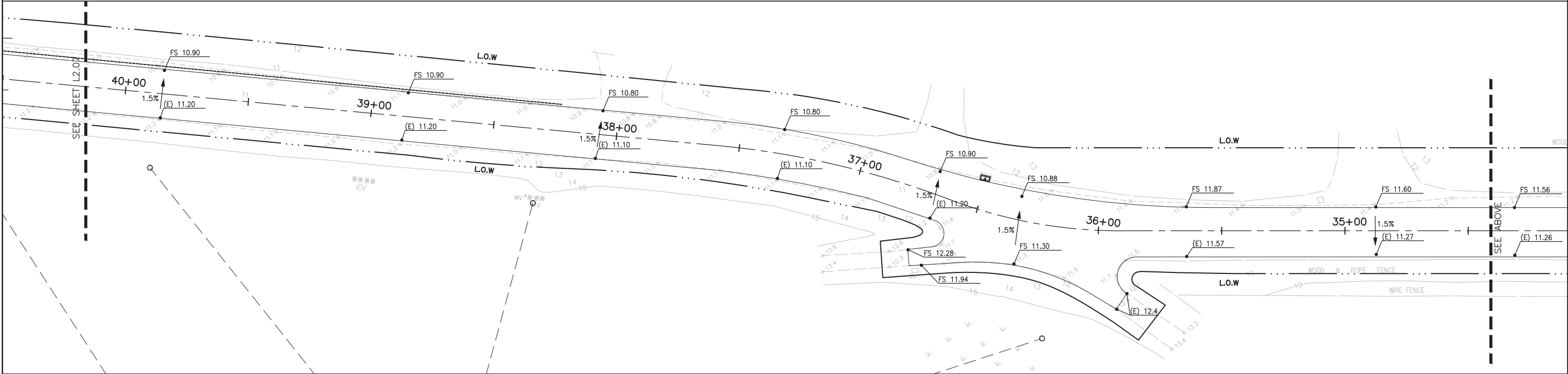
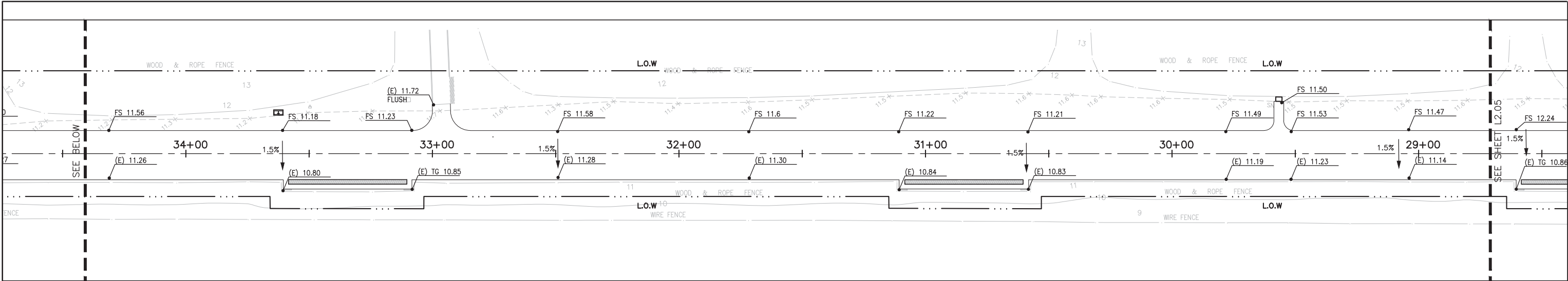
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
CHN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.
1

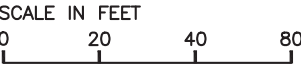
TITLE OF SHEET
GRADING PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L2.05
PMIS/PKG NO.
221770
SHEET
1 OF 1



GRADING LEGEND

SYMBOL	DESCRIPTION		
FS 20.15 x	PROPOSED SPOT ELEVATION	FG	FINISHED GRADE (AT PLANTING)
(E) 20.15 x	EXISTING SPOT ELEVATION	FS	FINISHED SURFACE (AT PAVING)
— GB —	GRADE BREAK	GB	GRADE BREAK
2% ↘	SLOPE	HP	HIGH POINT
BC	BOTTOM OF CURB	LP	LOW POINT
BTA	BIOTREATMENT AREA	S.C.D.	SEE CIVIL DRAWINGS
BW	BOTTOM OF WALL	TC	TOP OF CURB
BSW	BACK OF SIDEWALK	TW	TOP OF WALL
		*SEE GRADING NOTES ON SHEET G0.02 FOR ADDITIONAL GRADING INFORMATION.	



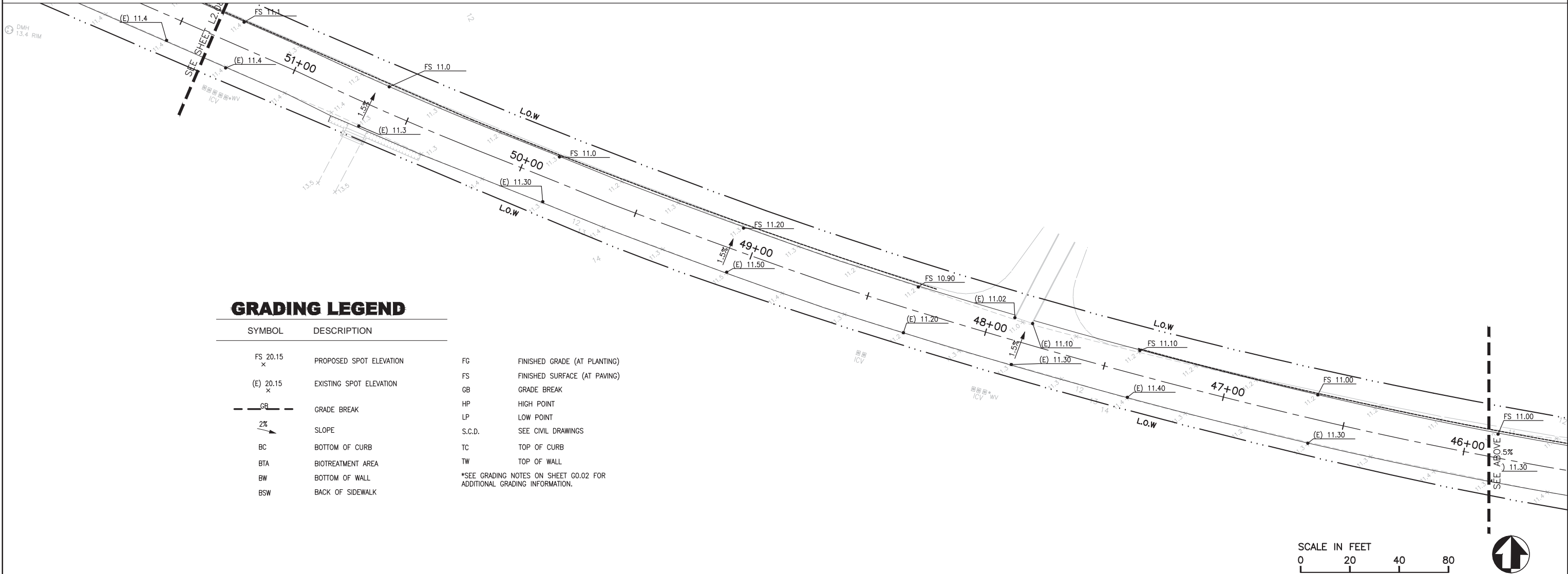
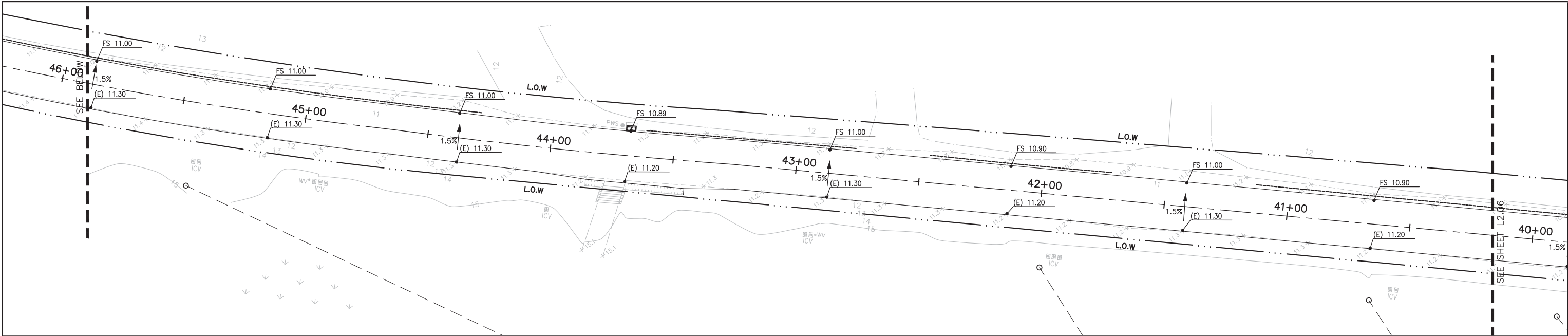
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
CHAD
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
GRADING PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L2.06
PMIS/PKG NO.
221770
SHEET
OF



GRADING LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
FS 20.15 x	PROPOSED SPOT ELEVATION	FG	FINISHED GRADE (AT PLANTING)
(E) 20.15 x	EXISTING SPOT ELEVATION	FS	FINISHED SURFACE (AT PAVING)
— GB —	GRADE BREAK	GB	GRADE BREAK
2% ↗	SLOPE	HP	HIGH POINT
BC	BOTTOM OF CURB	LP	LOW POINT
BTA	BIOTREATMENT AREA	S.C.D.	SEE CIVIL DRAWINGS
BW	BOTTOM OF WALL	TC	TOP OF CURB
BSW	BACK OF SIDEWALK	TW	TOP OF WALL
		*SEE GRADING NOTES ON SHEET G0.02 FOR ADDITIONAL GRADING INFORMATION.	

SCALE IN FEET
0 20 40 80



CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
GRADING PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L2.07
PMIS/PKG NO.
221770
SHEET
OF



GRADING LEGEND

SYMBOL	DESCRIPTION
FS 20.15 x	PROPOSED SPOT ELEVATION
(E) 20.15 x	EXISTING SPOT ELEVATION
— GB —	GRADE BREAK
2% ↘	SLOPE
BC	BOTTOM OF CURB
BTA	BIOTREATMENT AREA
BW	BOTTOM OF WALL
BSW	BACK OF SIDEWALK
FG	FINISHED GRADE (AT PLANTING)
FS	FINISHED SURFACE (AT PAVING)
GB	GRADE BREAK
HP	HIGH POINT
LP	LOW POINT
S.C.D.	SEE CIVIL DRAWINGS
TC	TOP OF CURB
TW	TOP OF WALL
*SEE GRADING NOTES ON SHEET G0.02 FOR ADDITIONAL GRADING INFORMATION.	

SCALE IN FEET
0 20 40 80



CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

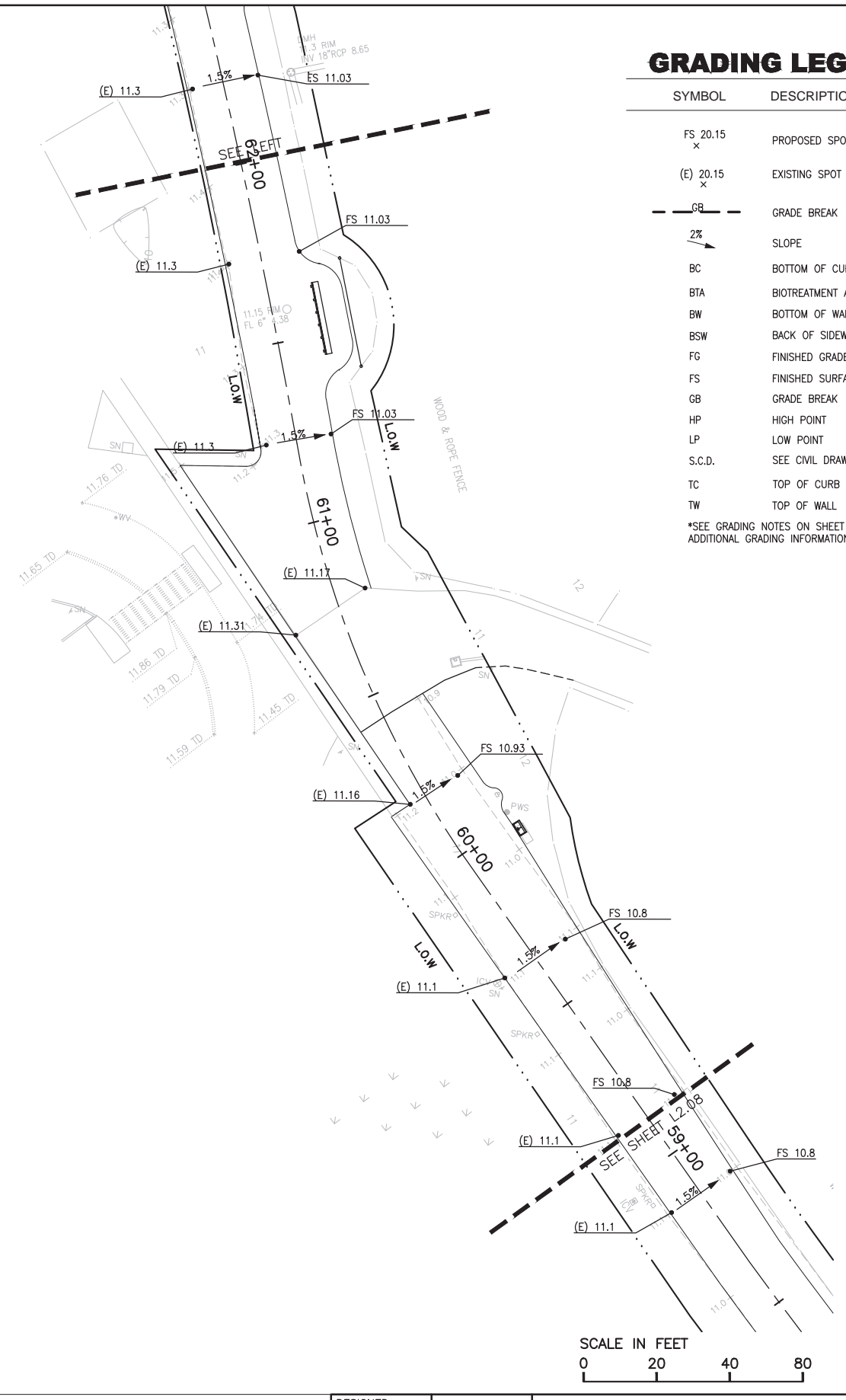
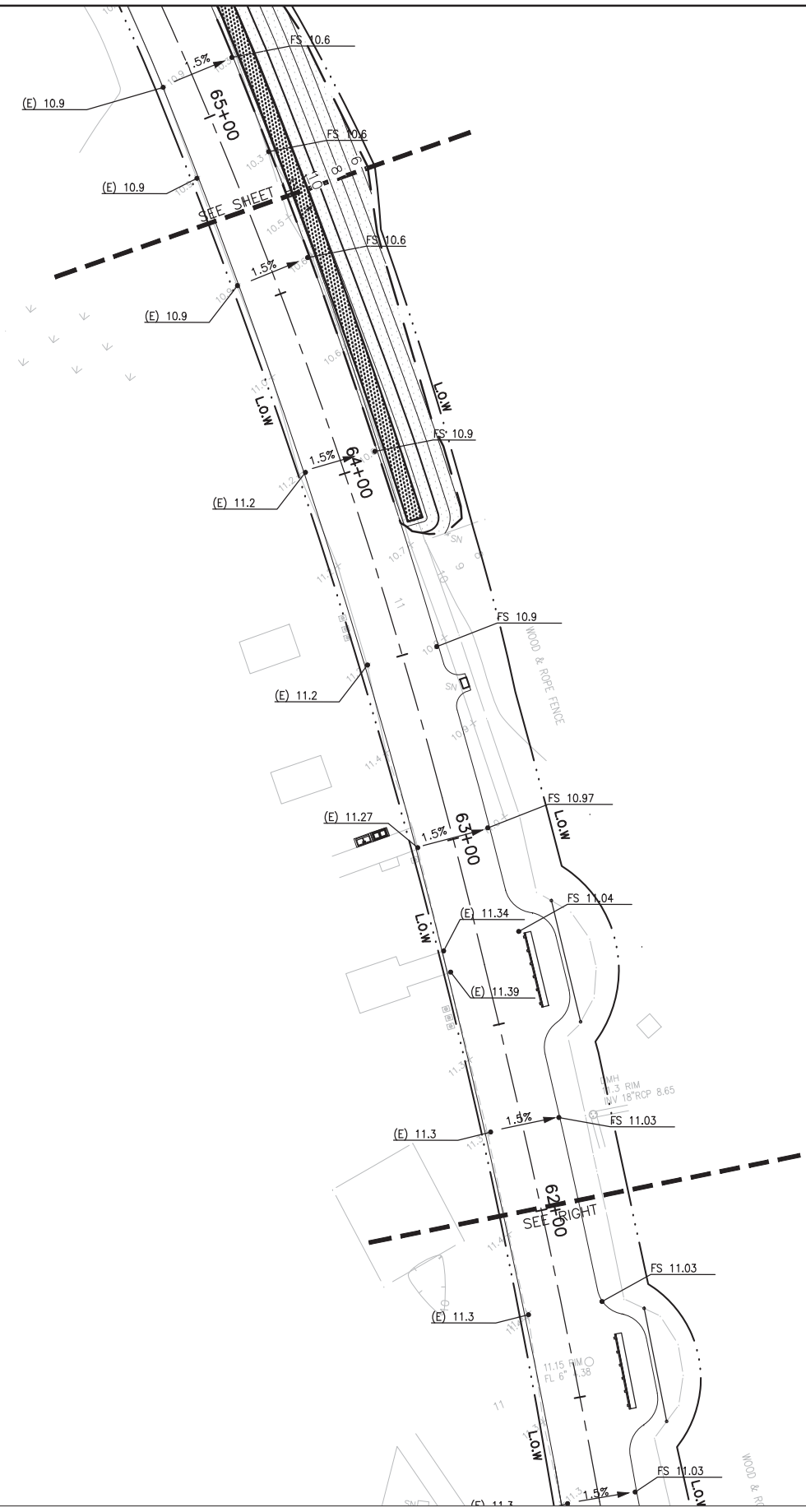
SUB SHEET NO.

TITLE OF SHEET
GRADING PLAN

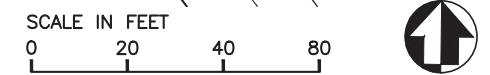
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L2.08

PMIS/PKG NO.
221770
SHEET
OF



GRADING LEGEND	
SYMBOL	DESCRIPTION
FS 20.15 x	PROPOSED SPOT ELEVATION
(E) 20.15 x	EXISTING SPOT ELEVATION
--- GB ---	GRADE BREAK
2% ↘	SLOPE
BC	BOTTOM OF CURB
BT	BIOTREATMENT AREA
BW	BOTTOM OF WALL
BSW	BACK OF SIDEWALK
FG	FINISHED GRADE (AT PLANTING)
FS	FINISHED SURFACE (AT PAVING)
GB	GRADE BREAK
HP	HIGH POINT
LP	LOW POINT
S.C.D.	SEE CIVIL DRAWINGS
TC	TOP OF CURB
TW	TOP OF WALL
*SEE GRADING NOTES ON SHEET G0.02 FOR ADDITIONAL GRADING INFORMATION.	



DESIGNED:
CMG

HN/JH/RG

TECH. REVIEW:
KC/GB/CR

DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
GRADING PLAN

CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION

GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L2.09

PMIS/PKG NO.
221770

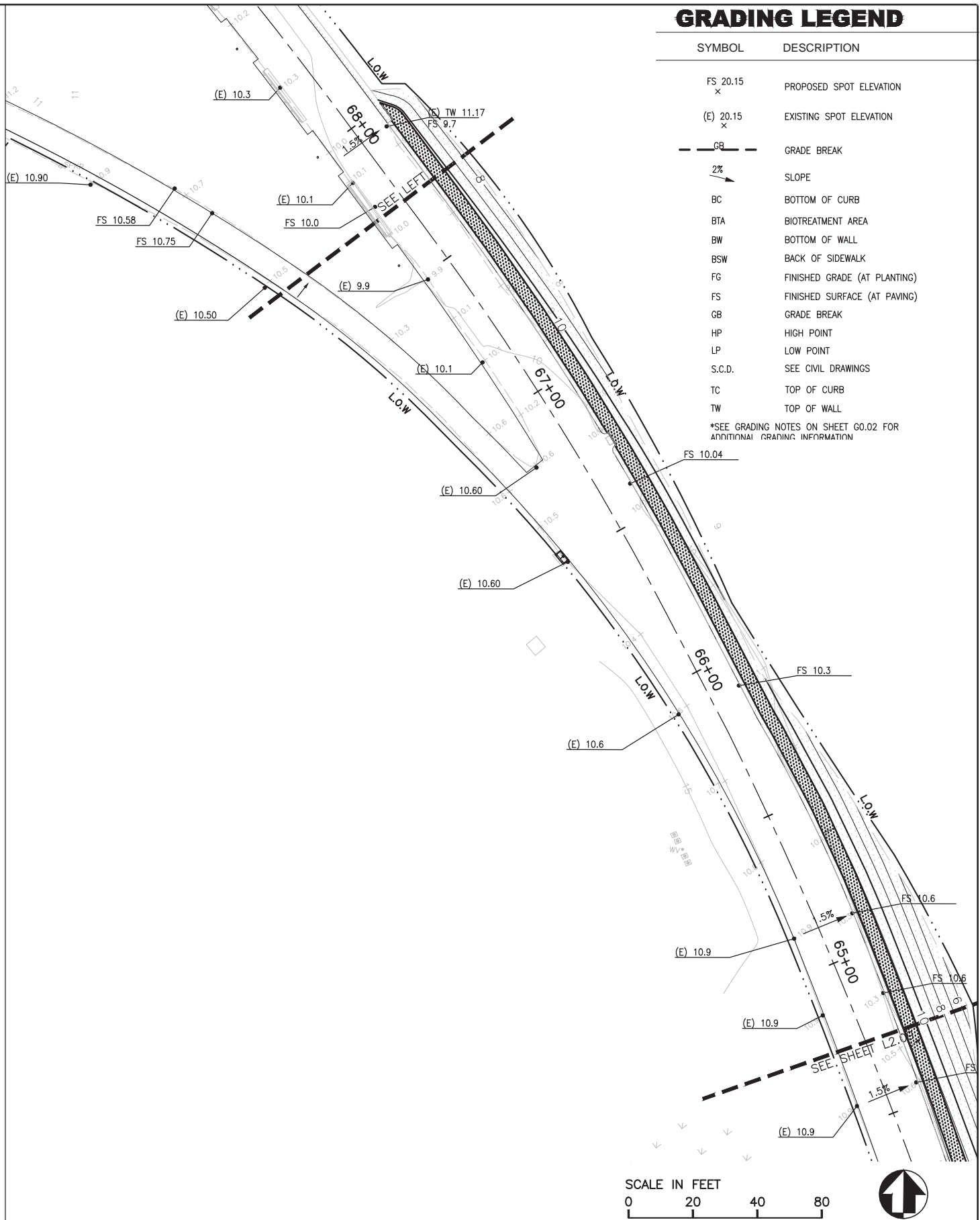
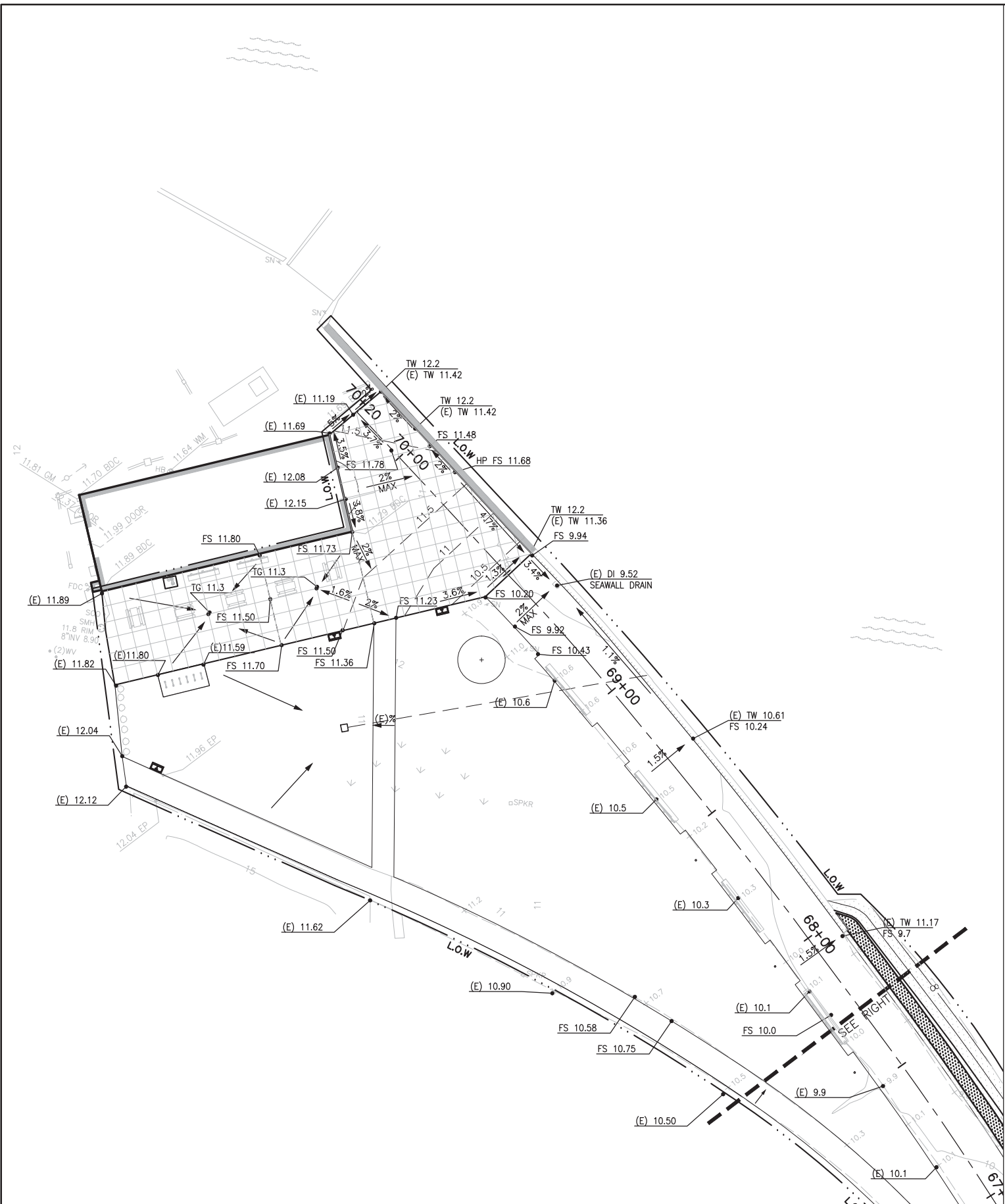
SHEET
OF

LICENSED LANDSCAPE ARCHITECT
FOR THE STATE OF CALIFORNIA
7/18/2016
Renewed Date
Date

CMG

CONGER MOSS GUILLARD

500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888



CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

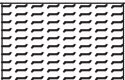
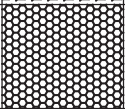
SUB SHEET NO.
1

TITLE OF SHEET
GRADING PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L2.10
PMIS/PKG NO.
221770
SHEET
OF

PLANTING SCHEDULE

PLANTING MIX

PA-1		FESCUE RUBRA 'MOLATE'	CREEPING RED FESCUE	SEEDED GRASS, PER SPECIFICATIONS
PA-2		PLANTED BUFFER AT EAST BEACH	PLANTING NOT IN SCOPE. CONTRACTOR RESPONSIBLE FOR PREPARATION OF PLANTING AREA TO INCLUDE SOIL PREPARATION, IRRIGATION AND JUTE MESH. SEE SPECIFICATIONS.	



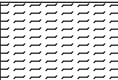
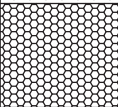
CMG
CONGER MOSS GUILLARD
300 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/438-3070
FACSIMILE: 415/438-3000

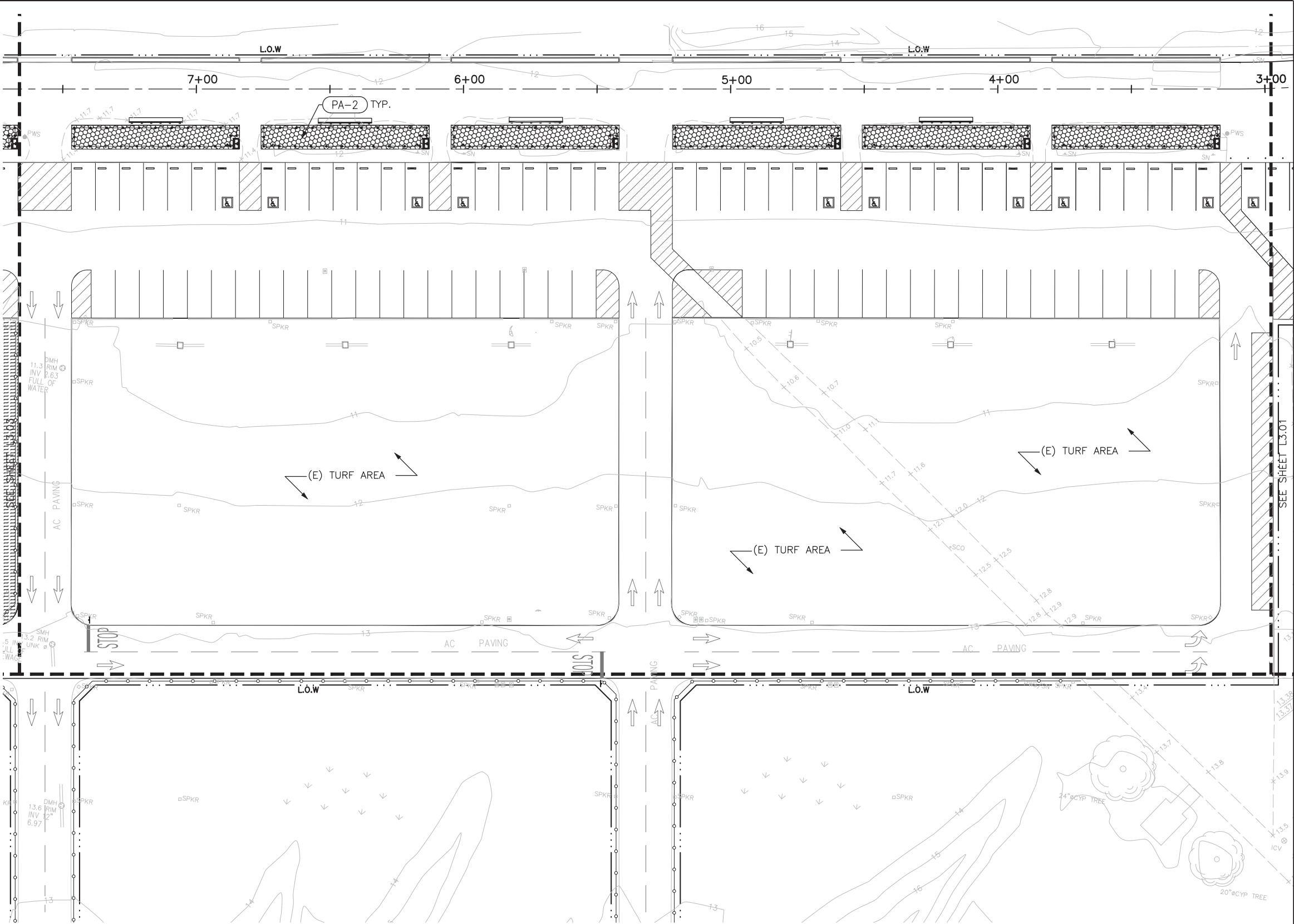
DESIGNED: CMG	SUB SHEET NO.	TITLE OF SHEET PLANTING SCHEDULE	DRAWING NO. L3.00
CHD HN/JH/RG			PMIS/PKG NO. 221770
TECH. REVIEW: KC/GB/CR			SHEET
DATE: 05.20.2016			XX OF XX

CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

PLANTING SCHEDULE

PLANTING MIX

PA-1		FESCUE RUBRA 'MOLATE'	CREeping RED FESCUE
PA-2		PLANTED BUFFER AT EAST BEACH	PLANTING NOT IN SCOPE. CONTR IRRIGATION AND JUTE MESH. SEE



CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

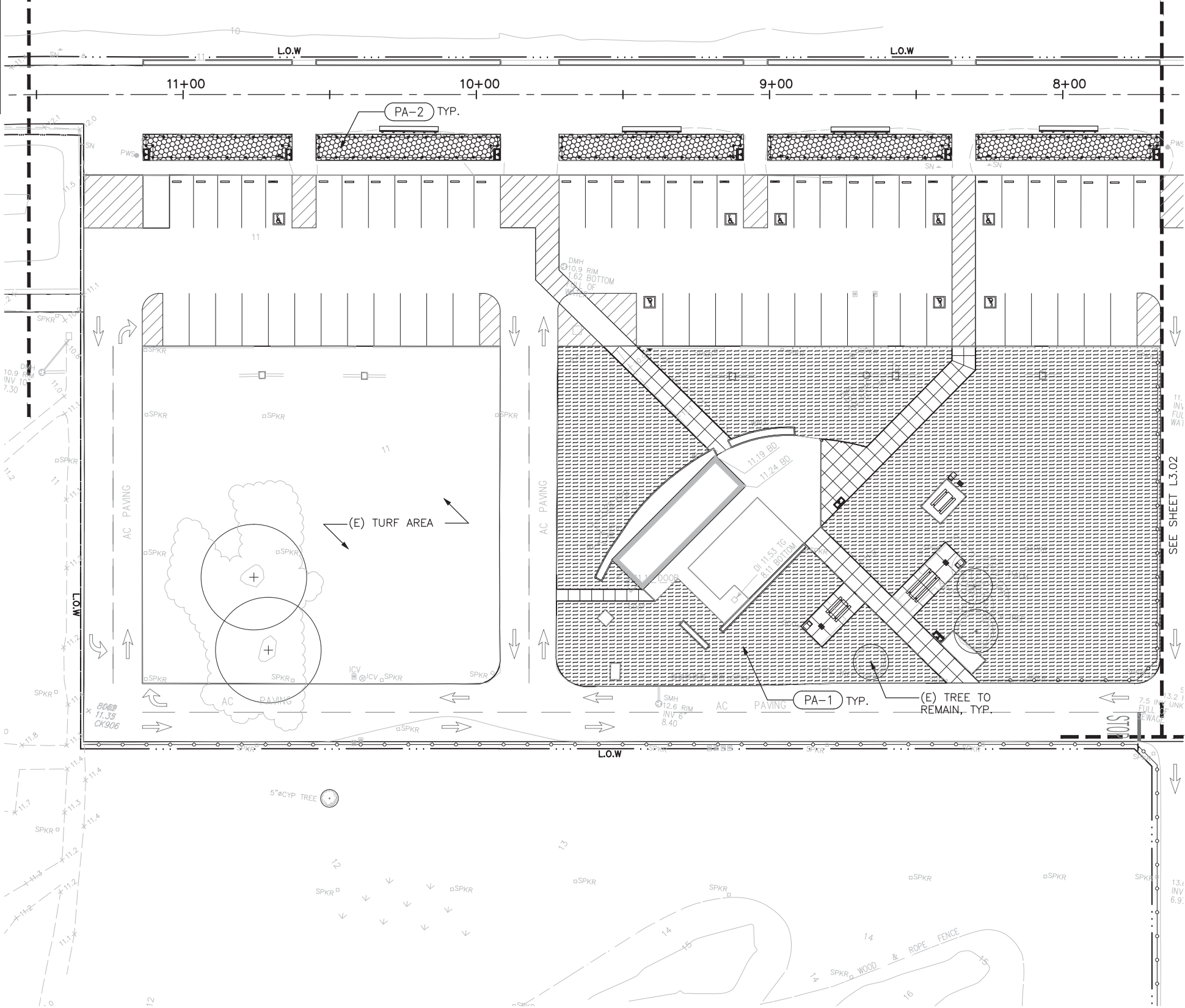
TITLE OF SHEET
PLANTING PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L3.02
PMS/PKG NO.
221770
SHEET
OF

PLANTING SCHEDULE

PLANTING MIX

PA-1		FESCUE RUBRA 'MOLATE'	CREeping RED FESCUE
PA-2		PLANTED BUFFER AT EAST BEACH	PLANTING NOT IN SCOPE. CONTR IRRIGATION AND JUTE MESH. SEE



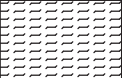
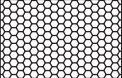
CMG
CONGER MOSS GUILLARD
300 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

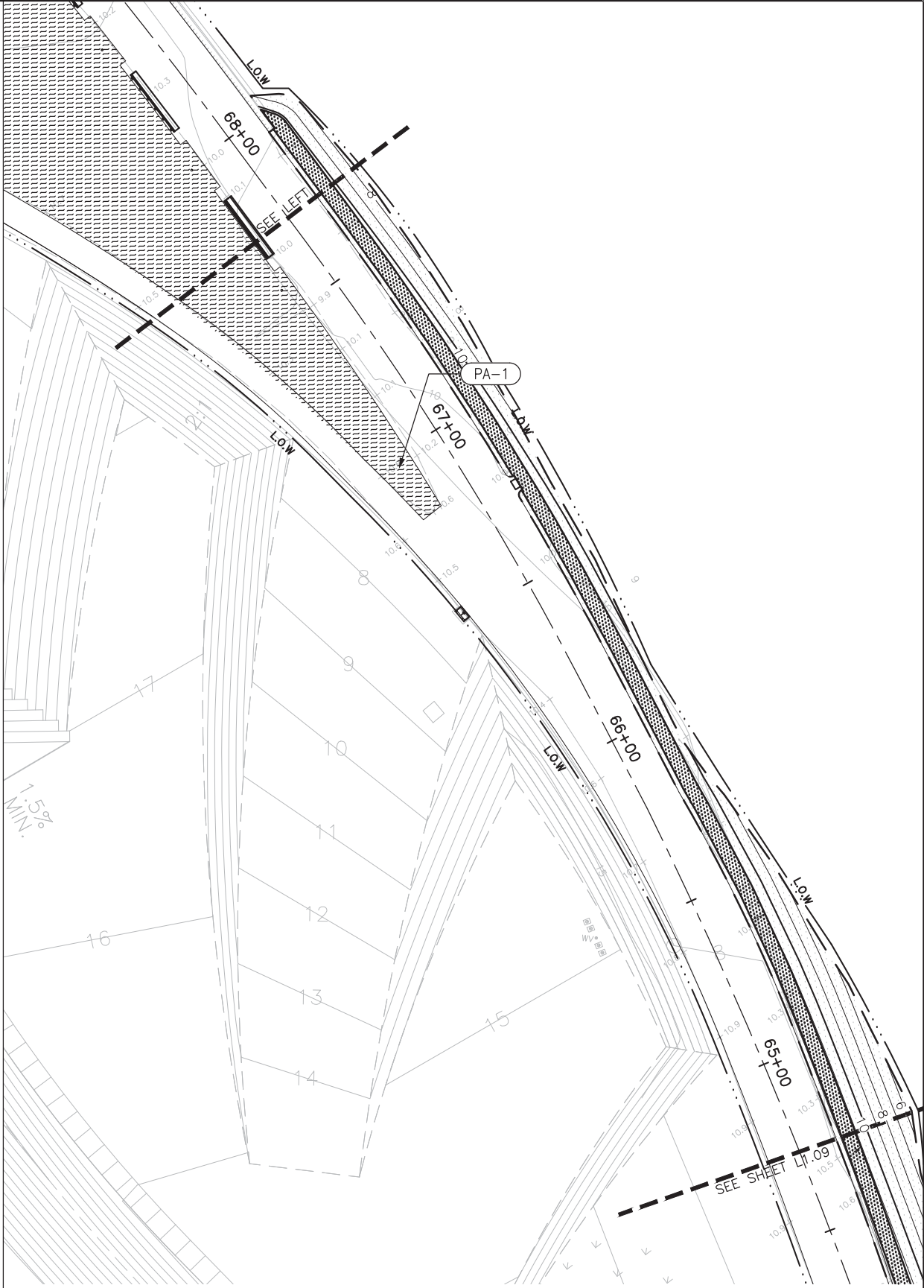
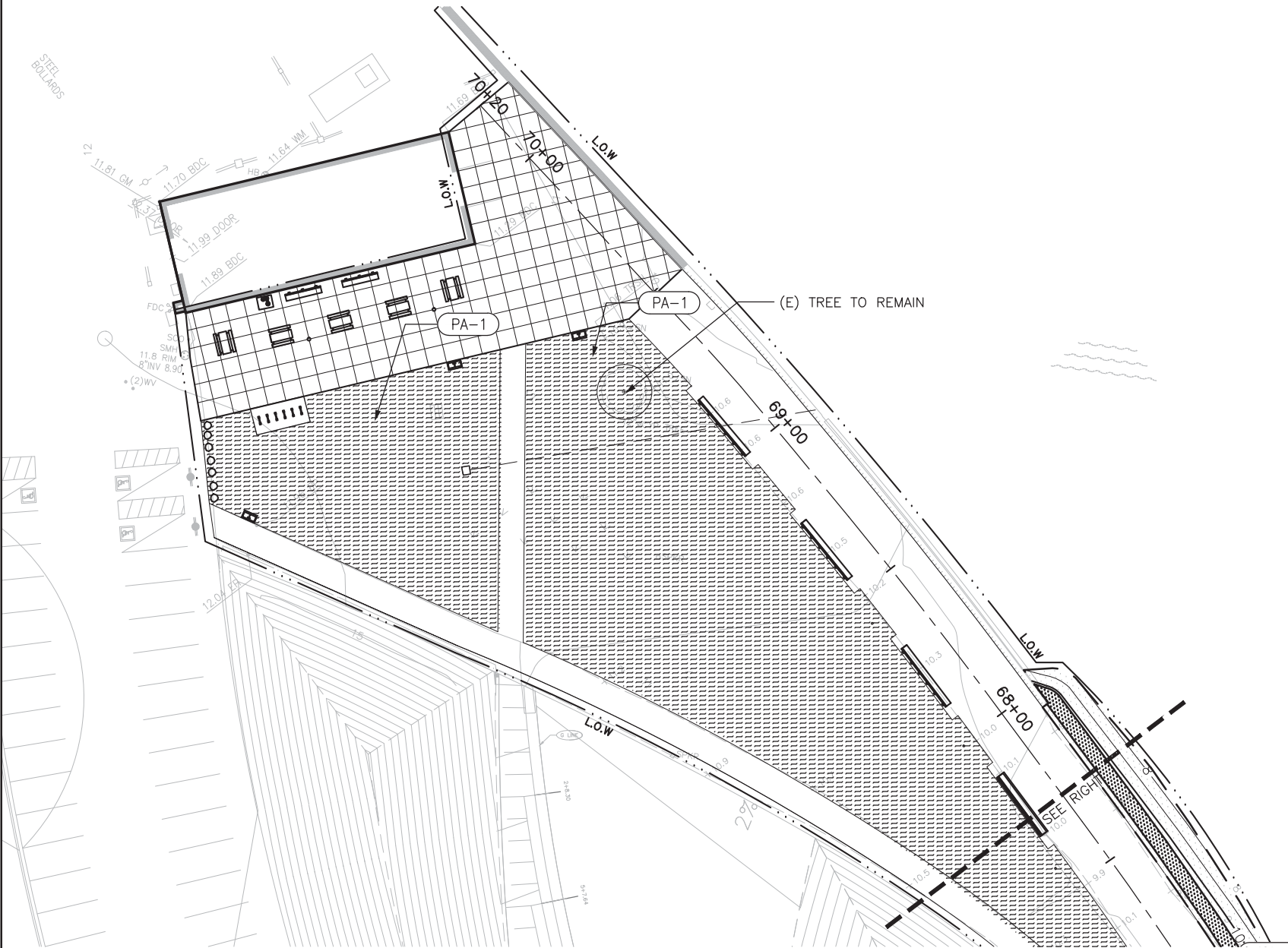
DESIGNED:
CMG
TECH. REVIEW:
HN/JH/RG
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
PLANTING PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L3.03
PMIS/PKG NO.
221770
SHEET
OF

PLANTING SCHEDULE			
PLANTING MIX			
PA-1		FESCUE RUBRA 'MOLATE'	CREeping RED FESCUE
PA-2		PLANTED BUFFER AT EAST BEACH	PLANTING NOT IN SCOPE. CONTR IRRIGATION AND JUTE MESH. SEE



CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
PLANTING PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L3.10
PMIS/PKG NO.
221770
SHEET
OF

IRRIGATION NOTES

1. THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC CLARITY ONLY AND ARE TO BE INSTALLED WITHIN PLANTING AREAS. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, CONDUIT, AND OTHER ITEMS WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISHED CONDITION AFFECTING THE CONTRACT WORK INCLUDING OBSTRUCTIONS, GRADE DIFFERENCES OR AREA DIMENSIONAL DIFFERENCES. IN THE EVENT OF FIELD DISCREPANCY WITH CONTRACT DOCUMENTS, PLAN THE INSTALLATION WORK ACCORDINGLY BY NOTIFICATION AND APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND ACCORDING TO THE CONTRACT SPECIFICATIONS. NOTIFY AND COORDINATE IRRIGATION CONTRACT WORK WITH APPLICABLE CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT OR SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING AND STRUCTURES BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS.
2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRIC CODE; THE UNIFORM PLUMBING CODE, PUBLISHED BY THE WESTERN PLUMBING OFFICIALS ASSOCIATION; AND OTHER STATE OR LOCAL LAWS OR REGULATIONS. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR REGULATIONS. THE CONTRACTOR SHALL FURNISH WITHOUT ANY EXTRA CHARGE, ANY ADDITIONAL MATERIAL AND LABOR WHEN REQUIRED BY THE COMPLIANCE WITH THESE CODES AND REGULATIONS.
3. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH LAYOUT AND INSTALLATION OF THE PLANT MATERIALS TO INSURE THAT THERE WILL BE COMPLETE AND UNIFORM IRRIGATION COVERAGE OF PLANTING IN ACCORDANCE WITH THESE DRAWINGS, AND CONTRACT DOCUMENTS. THE IRRIGATION LAYOUT SHALL BE CHECKED BY THE CONTRACTOR AND OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO CONSTRUCTION TO DETERMINE IF ANY CHANGES, DELETIONS, OR ADDITIONS ARE REQUIRED. IRRIGATION SYSTEM SHALL BE INSTALLED AND TESTED PRIOR TO INSTALLATION OF PLANT MATERIAL.
4. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH.
5. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR AND/OR OWNER TO PROGRAM THE IRRIGATION CONTROLLER(S) TO PROVIDE THE MINIMUM AMOUNT OF WATER NEEDED TO SUSTAIN GOOD PLANT HEALTH. THIS INCLUDES MAKING ADJUSTMENTS TO THE PROGRAM FOR SEASONAL WEATHER CHANGES, PLANT MATERIAL, WATER REQUIREMENTS, MOUNDS, SLOPES, SUN, SHADE AND WIND EXPOSURE.
6. PROVIDE EACH IRRIGATION CONTROLLER WITH ITS OWN INDEPENDENT LOW VOLTAGE COMMON GROUND WIRE.
7. IRRIGATION CONTROL WIRES: SOLID COPPER WITH U.L. APPROVAL FOR DIRECT BURIAL IN GROUND. COMMON GROUND WIRE: SIZE #12-1 WIRE WITH A WHITE INSULATING JACKET. CONTROL WIRE SERVICING REMOTE CONTROL VALVES: SIZE #14-1 WIRE WITH INSULATING JACKET OF COLOR OTHER THAN WHITE. SPLICES SHALL BE MADE WITH 3M-DBY SEAL PACKS OR APPROVED EQUAL.
8. INSTALL TWO SPARE CONTROL WIRES OF A DIFFERENT COLOR ALONG THE ENTIRE MAIN LINE. LOOP 36" EXCESS WIRE INTO EACH SINGLE VALVE BOX AND INTO ONE VALVE BOX IN EACH GROUP OF VALVES.
9. SPLICING OF LOW VOLTAGE WIRES IS PERMITTED IN VALVE BOXES ONLY. LEAVE A 36" LONG, 1" DIAMETER COIL OF EXCESS WIRE AT EACH SPLICE AND A 36" LONG EXPANSION LOOP EVERY 100 FEET ALONG WIRE RUN. TAPE WIRES TOGETHER EVERY TEN FEET. DO NOT TAPE WIRES TOGETHER WHERE CONTAINED WITHIN SLEEVING OR CONDUIT.
10. INSTALL GREEN PLASTIC VALVE BOXES WITH BOLT DOWN, NON HINGED COVER MARKED "IRRIGATION". BOX BODY SHALL HAVE KNOCK OUTS. ACCEPTABLE VALVE BOX MANUFACTURER'S INCLUDE NDS, CARSON OR APPROVED EQUAL.
11. INSTALL REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, BUILDING OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, INSTALL EACH BOX AN EQUAL DISTANCE FROM THE WALK, CURB, BUILDING OR LANDSCAPE FEATURE AND PROVIDE 12" BETWEEN BOX TOPS. ALIGN THE SHORT SIDE OF RECTANGULAR VALVE BOXES PARALLEL TO WALK, CURB,

BUILDING OR LANDSCAPE FEATURE.

12. VALVE LOCATIONS SHOWN ARE DIAGRAMMATIC. INSTALL IN GROUND COVER/SHRUB AREAS.
13. THE CONTRACTOR SHALL LABEL CONTROL LINE WIRE AT EACH REMOTE CONTROL VALVE WITH A 2 1/4" X 2 3/4" POLYURETHANE I.D. TAG, INDICATING IDENTIFICATION NUMBER OF VALVE (CONTROLLER AND STATION NUMBER). ATTACH LABEL TO CONTROL WIRE. THE CONTRACTOR SHALL PERMANENTLY STAMP ALL VALVE BOX LIDS WITH APPROPRIATE IDENTIFICATION AS NOTED IN CONSTRUCTION DETAILS.
14. THE REMOTE CONTROL VALVES SPECIFIED ON THE DRAWINGS IS A PRESSURE REDUCING TYPE. SET THE DISCHARGE PRESSURE AS FOLLOWS:










A. SPRAY HEADS=40 PSI
B. ROTARY HEADS=60 PSI
C. DRIP EMITTERS=35 PSI
D. BUBBLERS= 30 PSI
15. INSTALL A GATE VALVE TO ISOLATE EACH REMOTE CONTROL VALVE OR GROUP OF RCV'S LOCATED TOGETHER. GATE VALVE SIZE SHALL BE SAME AS THE LARGEST REMOTE CONTROL VALVE IN MANIFOLD.
16. FLUSH AND ADJUST IRRIGATION OUTLETS AND NOZZLES FOR OPTIMUM PERFORMANCE AND TO PREVENT OVER SPRAY ONTO WALKS, ROADWAYS, AND/OR BUILDINGS. SELECT THE BEST DEGREE OF THE ARC AND RADIUS TO FIT THE EXISTING SITE CONDITIONS AND THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH CONTROL ZONE.
17. SET SPRINKLER HEADS PERPENDICULAR TO FINISH GRADE.
18. WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, USE CAUTION TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATE BY HAND IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR. BACK FILL TRENCHES ADJACENT TO TREE WITHIN TWENTY-FOUR (24) HOURS. WHERE THIS IS NOT POSSIBLE, SHADE THE SIDE OF THE TRENCH ADJACENT TO THE TREE WITH WET BURLAP OR CANVAS.
19. THE SPRINKLER SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE.
20. IRRIGATION DEMAND: REFER TO PLANS.
21. THE EXISTING MAIN LINE SHOWN ON THE DRAWINGS IS DIAGRAMMATIC. VERIFY AND LOCATE EXISTING MAIN LINE IN FIELD. REPORT TO ARCHITECT IN WRITING ANY DEVIATION OF EXISTING MAIN LINE LOCATION FROM THAT SHOWN ON THE DRAWINGS.
22. AT POINT OF CONNECTION AT EXISTING MAIN LINE FOR NEW REMOTE CONTROL VALVES OR QUICK COUPLING VALVES, INSTALL A SERVICE SADDLE WITH REQUIRED TAPPED OUTLET SIZE. SMITH-BLAIR MODEL 317, ROMAC 202N, OR APPROVED EQUAL.
23. AT POINTS OF CONNECTION BETWEEN NEW MAIN LINE AND EXISTING CAPPED GASKETED MAIN LINE USE THE FOLLOWING PROCEDURE:

A. REMOVE CAP AT END OF EXISTING MAIN LINE. REAM FIELD CUT END TO FULL PIPE DIAMETER WITH ROUGH EDGES AND BURRS REMOVED.
B. ASSEMBLE NEW MAIN LINE TO EXISTING MAIN LINE WITH A DUCTILE IRON GASKETED REPAIR COUPLING, SIZE AS REQUIRED (HARCO, OR APPROVED EQUAL). THRUST BLOCK AT CHANGE OF PIPE DIRECTION IN ACCORDANCE WITH PIPE MANUFACTURER RECOMMENDATIONS.
24. PIPE SIZING SHOWN ON THE DRAWINGS IS TYPICAL. AS CHANGES IN LAYOUT OCCUR DURING STAKING AND CONSTRUCTION THE SIZE MAY NEED TO BE ADJUSTED ACCORDINGLY.
25. PIPE THREAD SEALANT COMPOUND SHALL BE RECTOR SEAL #5.
26. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR CHANGES IN THE IRRIGATION LAYOUT DUE TO










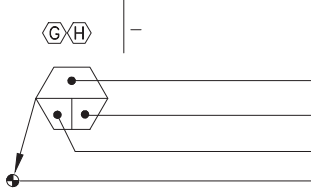
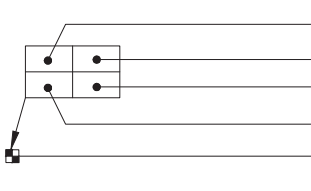




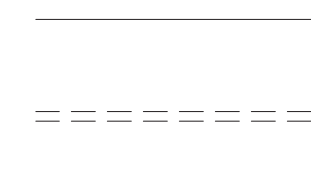
OBSTRUCTIONS NOT SHOWN ON THE IRRIGATION DRAWINGS SUCH AS LIGHTS, FIRE HYDRANTS, SIGNS, ELECTRICAL ENCLOSURES, ETC.

27. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING THE IRRIGATION SYSTEM DESIGN IF THE PLANTING DESIGN CHANGES FROM THE ORIGINAL PLAN AND NEEDS TO ADAPT TO THE NEW PLANTING DESIGN. THE LANDSCAPE CONTRACTOR NEEDS TO NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT OF PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.
28. WHEN WORK OF THIS SECTION HAS BEEN COMPLETED AND SUCH OTHER TIMES AS MAY BE DIRECTED, REMOVE ALL TRASH, DEBRIS, SURPLUS MATERIALS AND EQUIPMENT FROM SITE.
29. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLEMENTAL HAND WATERING OF ALL PLANT MATERIAL WITHIN DRIPLINE AREAS UNTIL THE PLANTS ARE SUFFICIENTLY ESTABLISHED.
30. VERIFY LOCATIONS OF ALL IRRIGATION COMPONENTS INSTALLED WITHIN A VALVE BOX WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. DO NOT INSTALL UNTIL LANDSCAPE ARCHITECT PROVIDES ACCEPTABLE LOCATIONS.

IRRIGATION LEGEND

SYMBOL	MODEL NUMBER	DESCRIPTION	NOZZLE GPM	OPERATING PSI	OPERATING RADIUS (FEET)
	I-20-06-SS-5.0	HUNTER POP-UP GEAR DRIVEN ROTOR (LAWN)	5.0	45	30-40
	I-20-06-SS-5.0	HUNTER POP-UP GEAR DRIVEN ROTOR (LAWN)	5.0	45	30-40
	I-20-06-SS-3.0	HUNTER POP-UP GEAR DRIVEN ROTOR (LAWN)	3.0	45	30-40
	I-20-06-SS-3.0SR	HUNTER POP-UP GEAR DRIVEN ROTOR (LAWN)	3.0	50	20-25
	I-20-06-SS-3.0SR	HUNTER POP-UP GEAR DRIVEN ROTOR (LAWN)	3.0	50	20-25
	I-20-06-SS-1.5SR	HUNTER POP-UP GEAR DRIVEN ROTOR (LAWN)	1.5	50	20-25
	PROS-06-PRS40-CV/MP1000-360	HUNTER POP-UP SPRAY SPRINKLER WITH MP ROTATOR NOZZLE (LAWN)	0.75	40	12-14
	PROS-06-PRS40-CV/MP1000-90	HUNTER POP-UP SPRAY SPRINKLER WITH MP ROTATOR NOZZLE (LAWN)	0.37,0.19	40	12-14
	PROS-06-PRS40-CV/MP800SR-90	HUNTER POP-UP SPRAY SPRINKLER WITH MP ROTATOR NOZZLE (LAWN)	0.42,0.23	40	8-10

IRRIGATION LEGEND—CONTINUED

SYMBOL	MODEL NUMBER	DESCRIPTION	NOZZLE GPM	OPERATING PSI	OPERATING RADIUS (FEET)
	T-YD-500-34	TORO AIR RELIEF VALVE			
	FCH-H-FIPT	TORO FLUSH VALVE			
	T-DL-MP9	TORO DRIP ZONE INDICATOR			
	P-220-27 SERIES	TORO REMOTE CONTROL VALVE WITH PRESSURE REGULATION			
	-	EXISTING REMOTE CONTROL VALVE			
	DZK-TPV-1-MF	TORO REMOTE CONTROL VALVE (DRIP ZONES)			
	44 NP	RAIN BIRD QUICK COUPLING VALVE			
	T113-K	NIBCO GATE VALVE (LINE SIZE)-2" AND SMALLER.			
	-	EXISTING CONTROLLERS TO REMAIN.			
		CONTROLLER AND STATION NUMBER FLOW (GPM) REMOTE CONTROL VALVE SIZE (IN INCHES) ASSOCIATED REMOTE CONTROL VALVE			
		CONTROLLER AND STATION NUMBER AREA (SQ. FT.) FLOW (GPM) REMOTE CONTROL VALVE SIZE (IN INCHES) ASSOCIATED REMOTE CONTROL VALVE			
		EXISTING MAIN LINE			
		MAIN LINE: 2" AND SMALLER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 80 PVC SOLVENT WELD FITTINGS. 18" COVER.			
		LATERAL LINE: 3/4" AND LARGER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.			
		SLEEVING: SCHEDULE 40 PVC PLASTIC PIPE, COVER TO BE AS INDICATED IN SPECIFICATIONS OR AS INDICATED ABOVE FOR PIPE DEPTH OF COVER.			
		DRIP ZONE: TORO DL2000 SERIES DRIPLINE WITH LOC-EZE FITTINGS, PART #RGP-212. TUBING TO BE INSTALLED 4" BELOW GRADE IN A 12" O.C. GRID ACCORDING TO DETAILS. MINIMUM PIPE SIZE OF PVC LATERAL LINE WITHIN DRIP AREAS TO BE 1". EXTEND PVC HEADERS TO THE ENDS OF ALL DRIP ZONES TO BALANCE FLOW. SEE DETAILS FOR FURTHER INFORMATION.			

Irrigation Consultant:
Russell D. Mitchell Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 •• fax 925.932.5671
www.rmainnigation.com

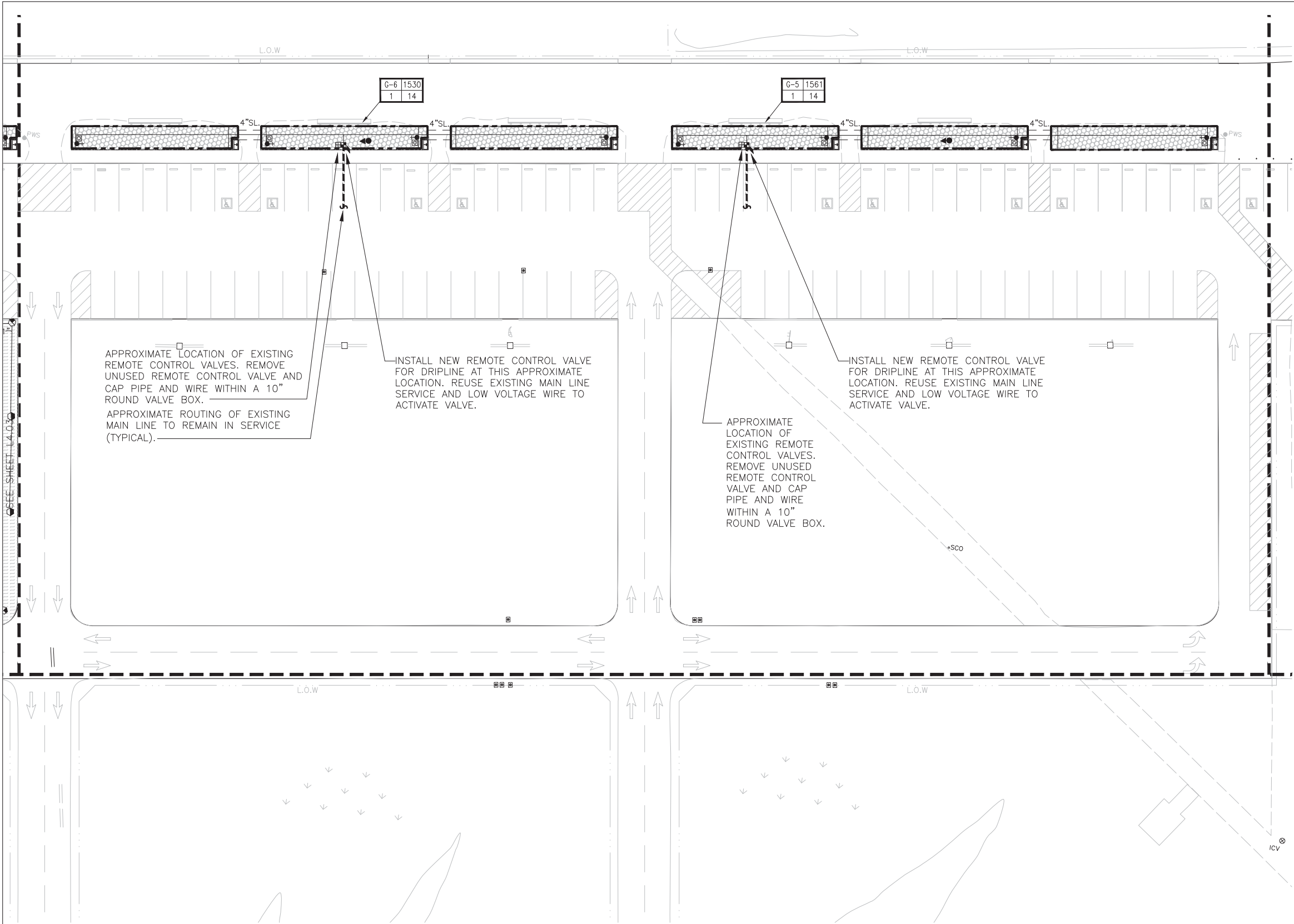
CMG
CONNER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/486-3676
FACSIMILE: 415/486-3696

DESIGNED:
CMG
TECH. REVIEW:
HN/JH/RG
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
IRRIGATION LEGEND
AND NOTES
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L4.00
PMIS/PKG NO.
221770
SHEET
OF



- NOTES:
- IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITHIN SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
 - UNSIZE LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
 - SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

.75"	0-6 GPM
1"	7-12 GPM
1.25"	13-20 GPM
1.5"	21-32 GPM
 - SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

.75"	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT
1.5"	2001-3000 FT



Irrigation Consultant:
Russell D. Mitchell Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 • fax 925.932.5671
www.rmairrigation.com

CMG
CONNER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/486-3678
FACSIMILE: 415/486-3688

DESIGNED:
CMG
EADD
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

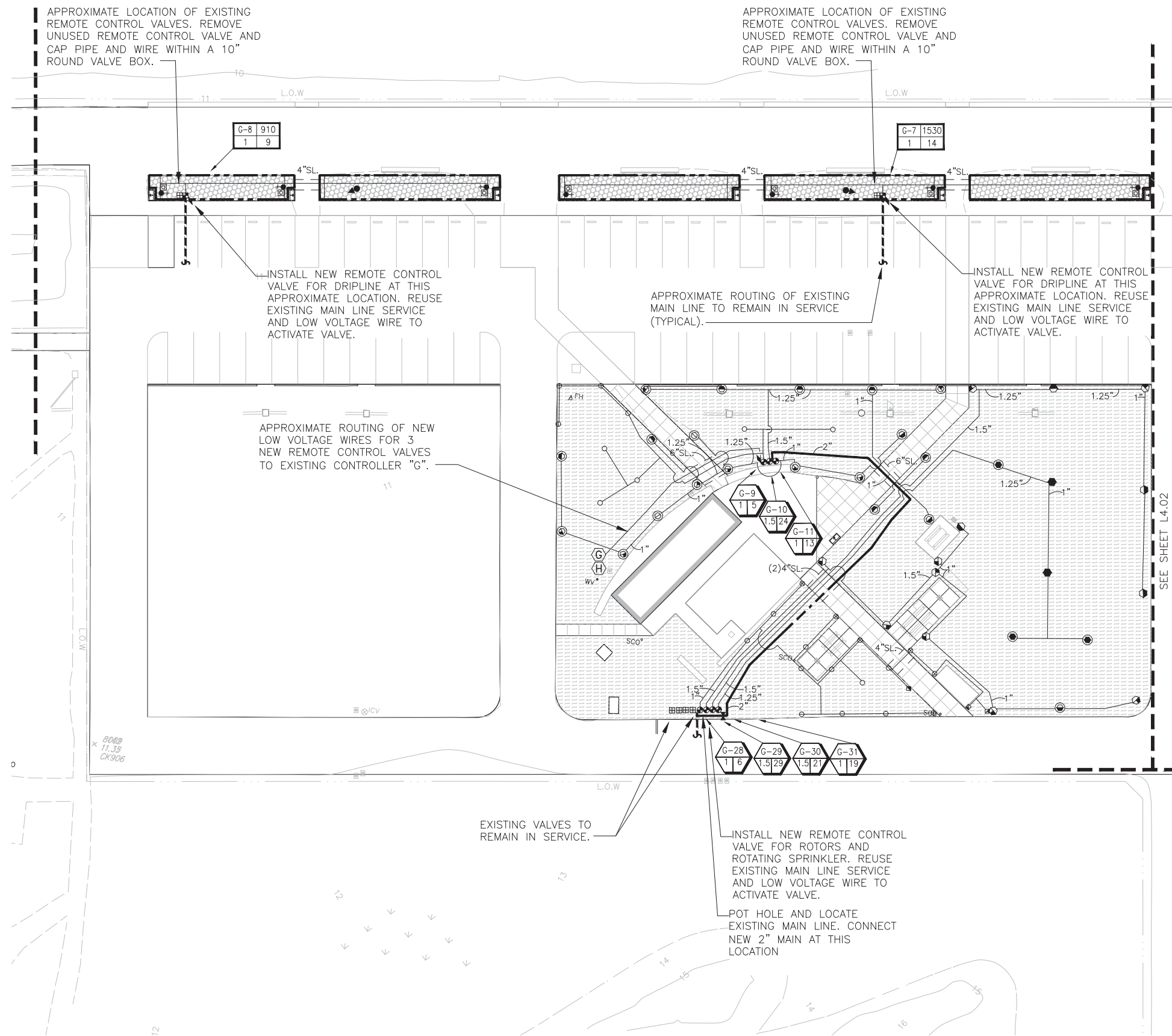
TITLE OF SHEET
IRRIGATION PLAN

CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L4.02

PMIS/PKG NO.
221770

SHEET
___ OF ___



- NOTES:
- IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITHIN SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
 - UNSIZE LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
 - SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

.75"	0-6 GPM
1"	7-12 GPM
1.25"	13-20 GPM
1.5"	21-32 GPM
 - SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

.75"	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT
1.5"	2001-3000 FT



Irrigation Consultant:
Russell D. Mitchell Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 • fax 925.932.5671
www.rmainirrigation.com

CMG
CONNER MOSS GUILIARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/486-3678
FACSIMILE: 415/486-3698

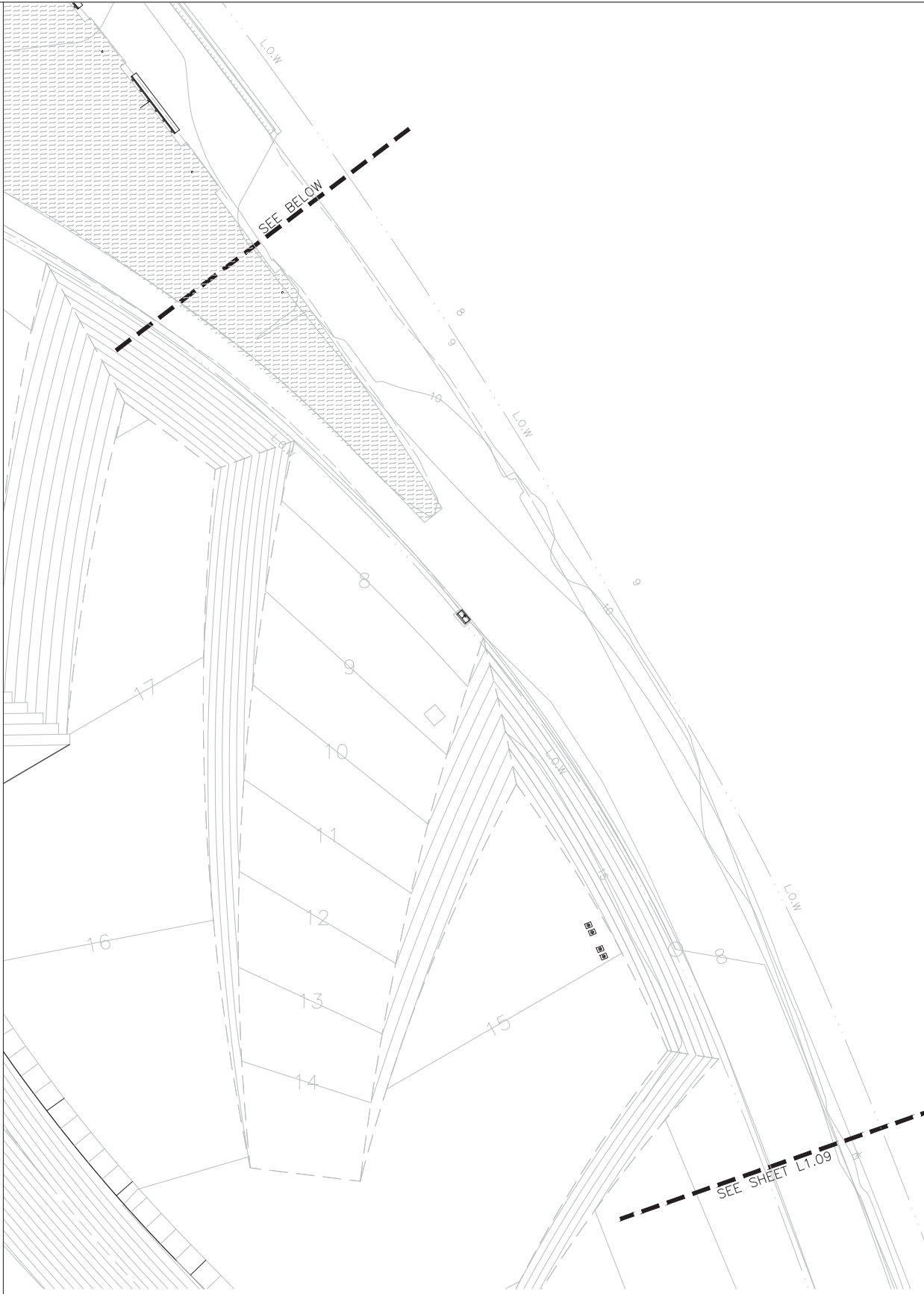
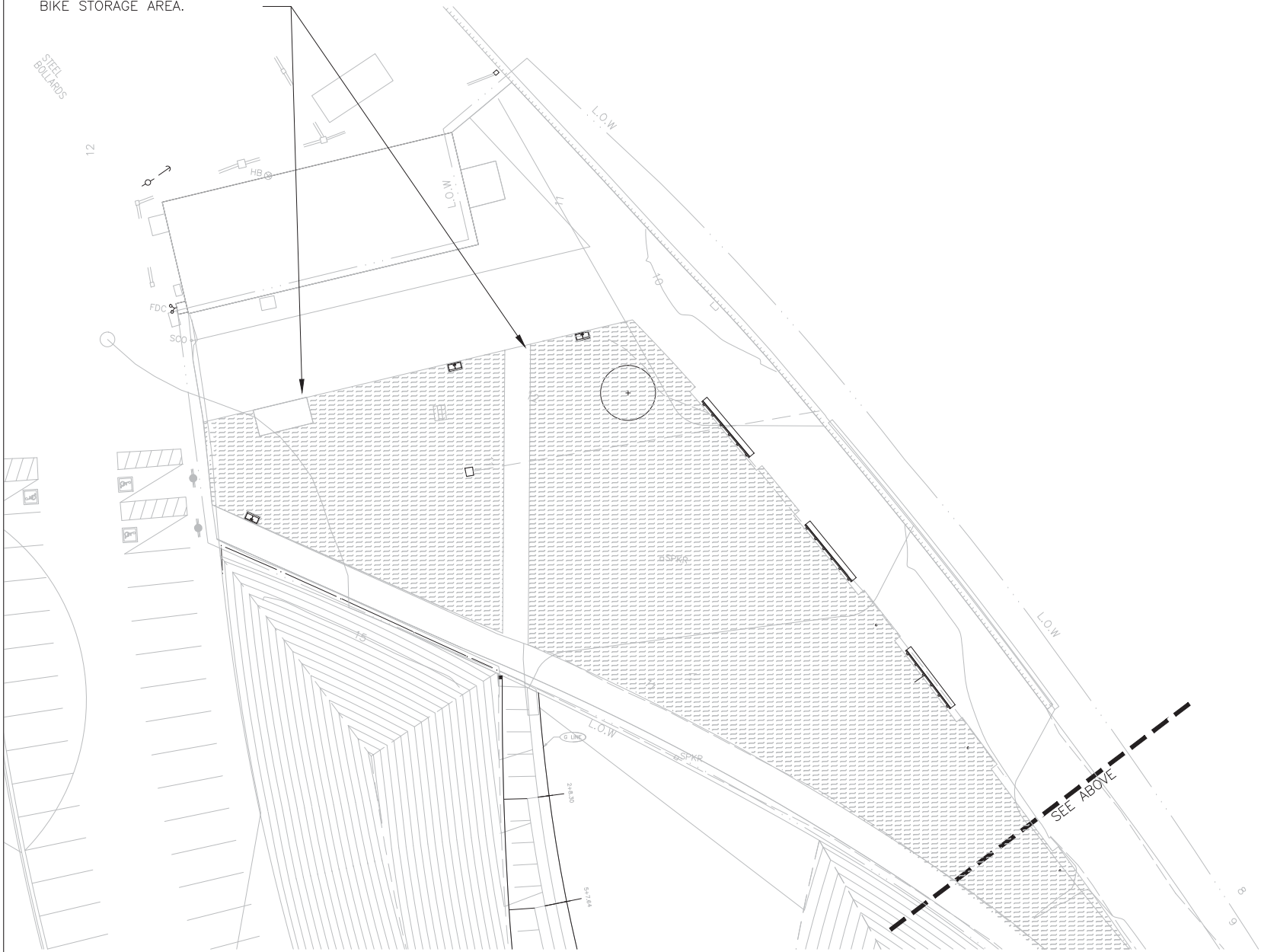
DESIGNED:
CMG
EADD
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
IRRIGATION PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L4.03
PMIS/PKG NO.
221770
SHEET
OF

REPAIR AND ADJUST EXISTING IRRIGATION IF DAMAGE DURING CONSTRUCTION OF PATH AND BIKE STORAGE AREA.



SCALE IN FEET
0 20 40 80



Irrigation Consultant:
Russell D. Mitchell Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 • fax 925.932.5671
www.rmairrigation.com

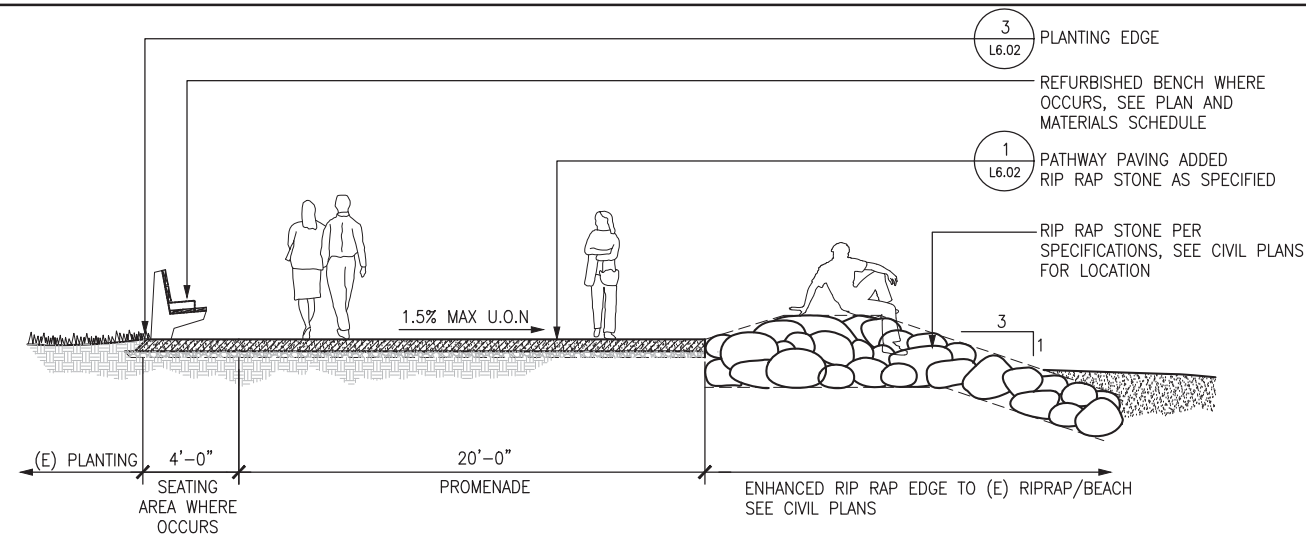
CMG
CONNER MOSS GILLIARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/496-3678
FACSIMILE: 415/496-3698

DESIGNED:
CMG
EADD
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

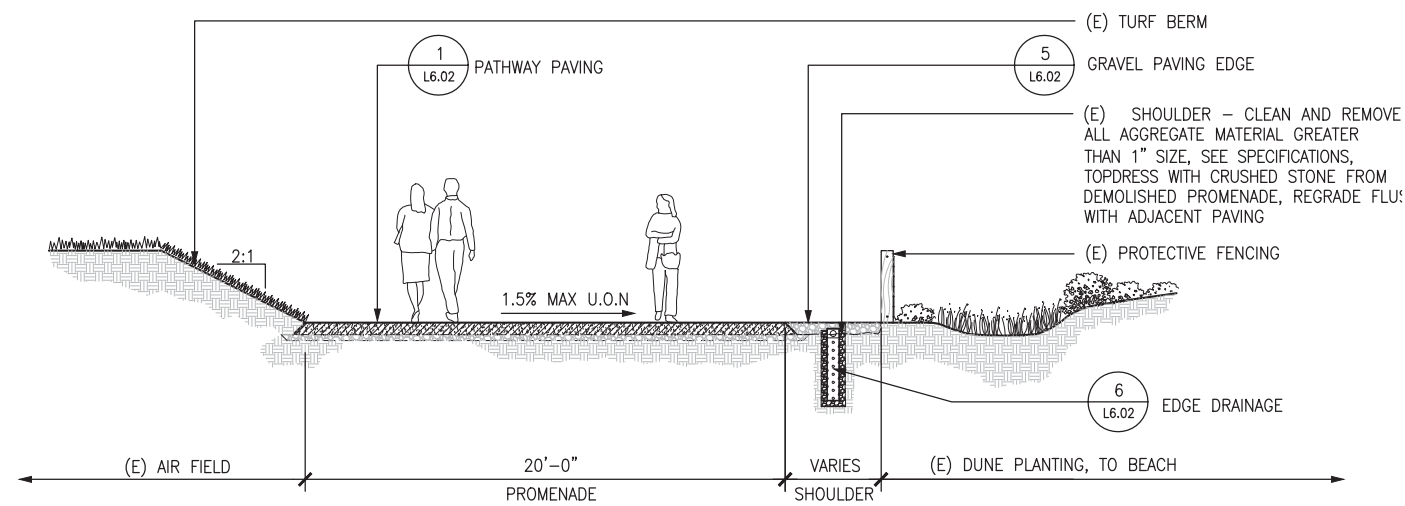
SUB SHEET NO.

TITLE OF SHEET
IRRIGATION PLAN
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

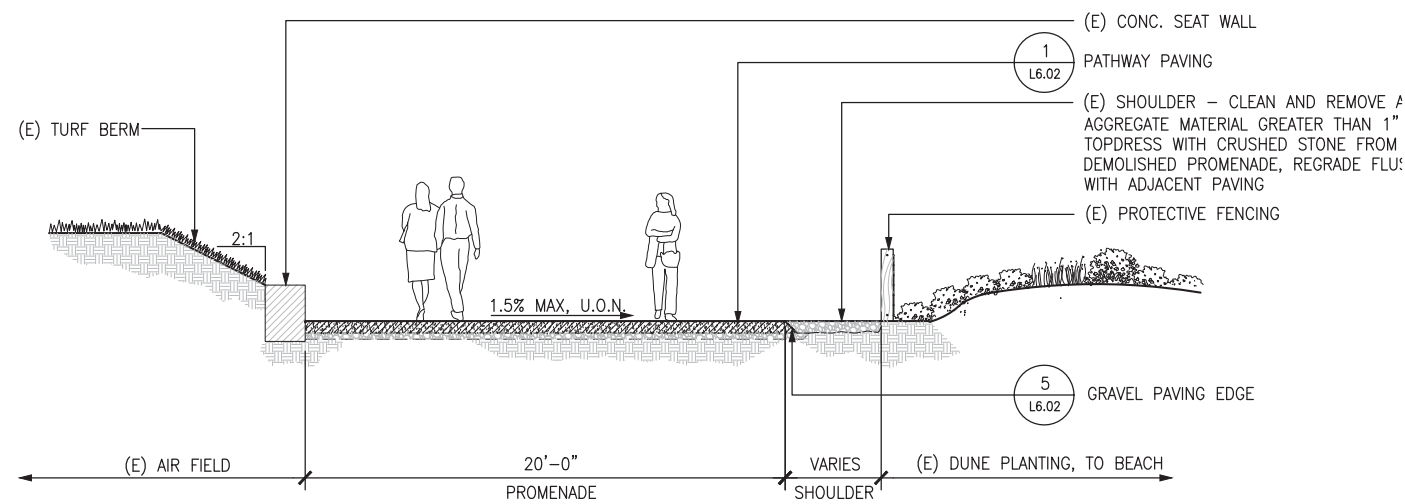
DRAWING NO.
L4.10
PMIS/PKG NO.
221770
SHEET
OF



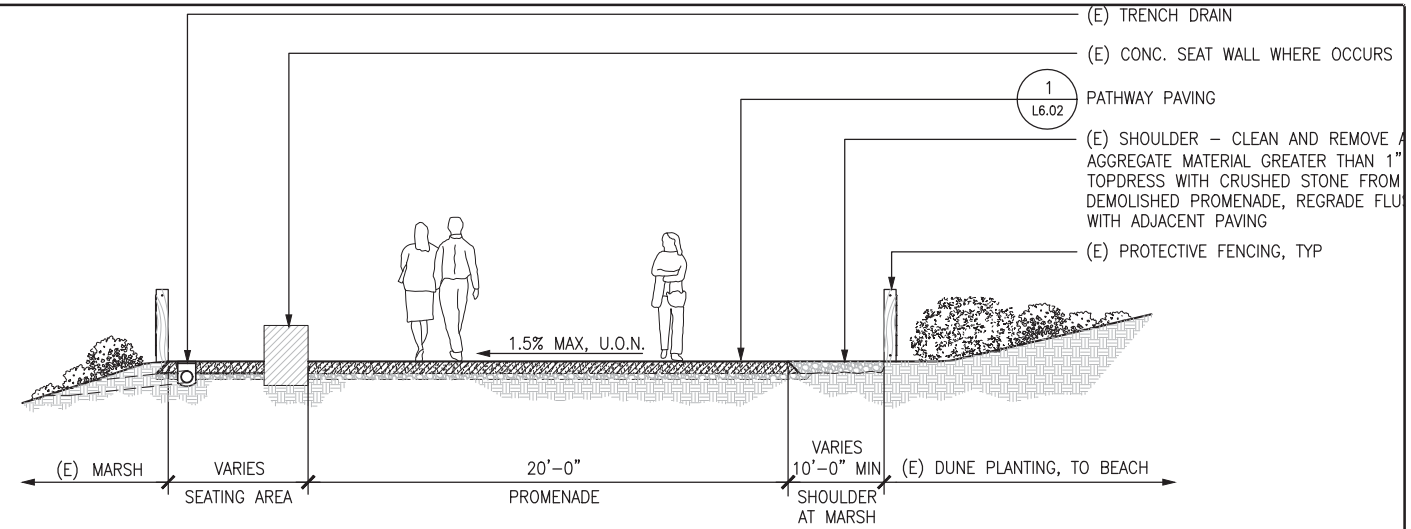
6 PROMENADE AT WEST BLUFF SCALE: 1/4"=1'-0"



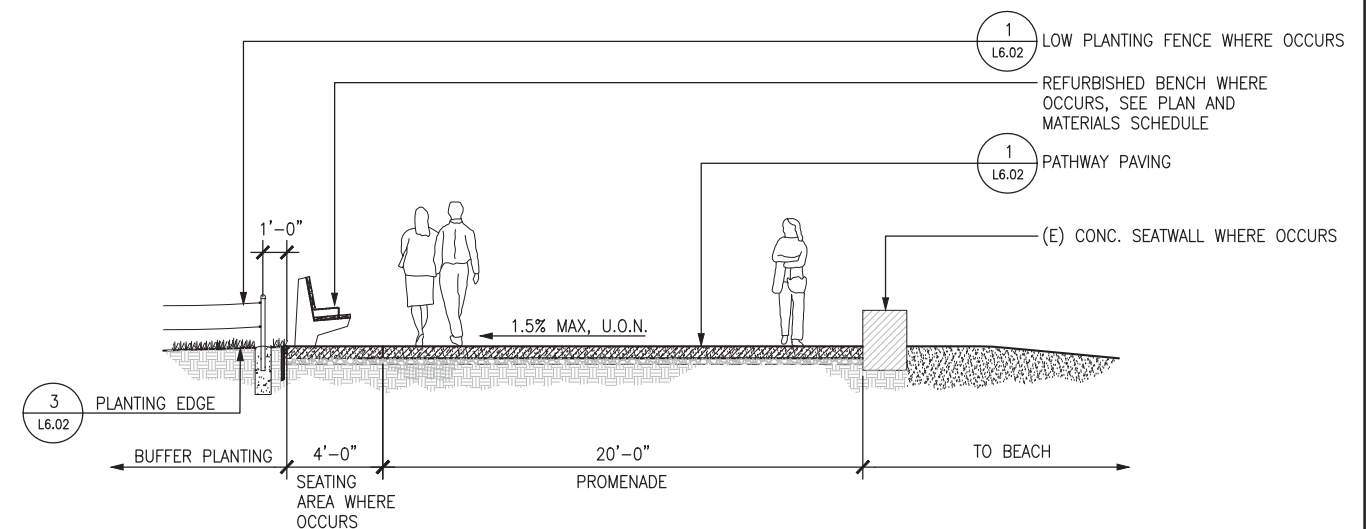
5 PROMENADE AT AIRFIELD SCALE: 1/4"=1'-0"



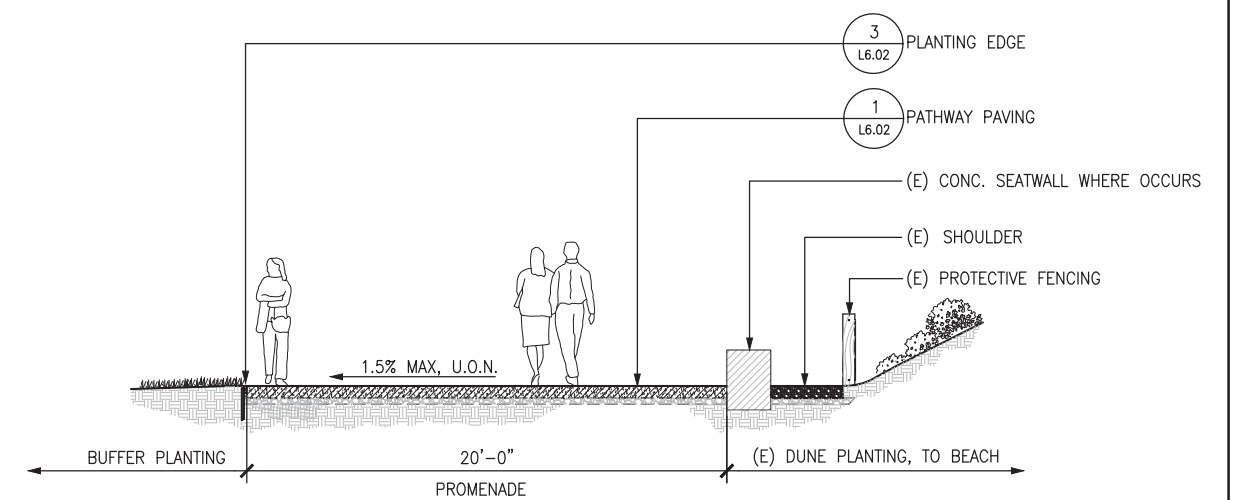
4 PROMENADE AT AIRFIELD SEATWALL SCALE: 1/4"=1'-0"



3 PROMENADE AT MARSH SCALE: 1/4"=1'-0"



2 PROMENADE AT EAST BEACH SCALE: 1/4"=1'-0"



1 PROMENADE AT EAST BEACH DUNE SCALE: 1/4"=1'-0"



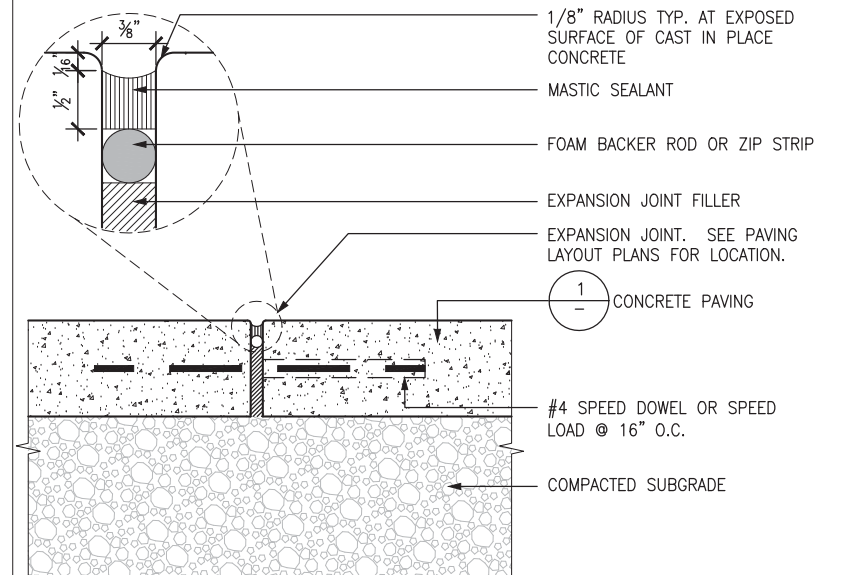
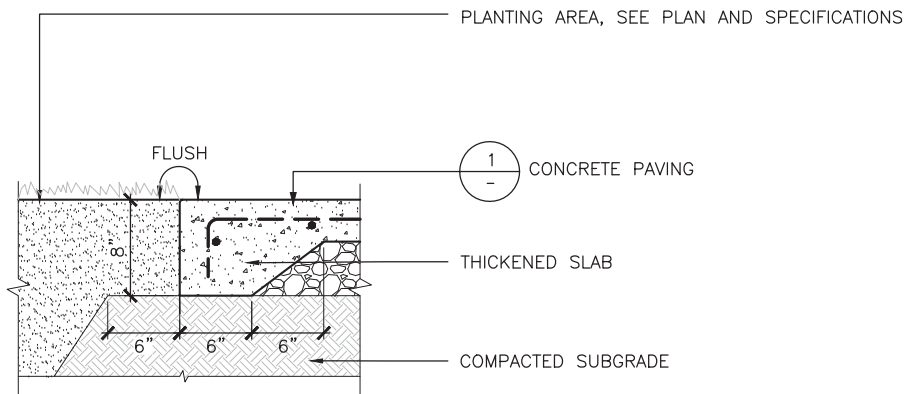
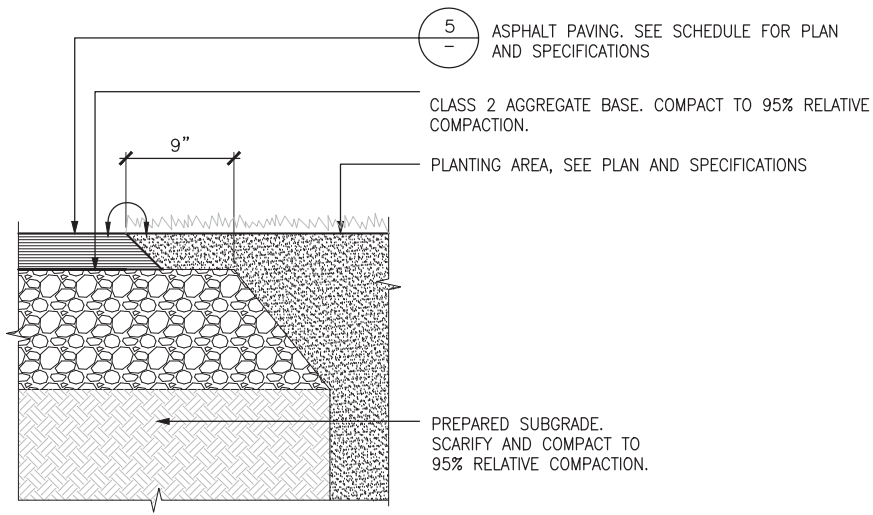
CMG
CONGER MOSS GUILLARD
300 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/495-3678
FACSIMILE: 415/495-3688

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.
1

TITLE OF SHEET
**SECTIONS
- PROMENADE**
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L5.01
PMIS/PKG NO.
221770
SHEET
OF



6 ASPHALT PAVING AT PLANTING AREA EDGE

SCALE: 1 1/2"=1'-0"

4 CONCRETE PAVING AT PLANTING AREA EDGE

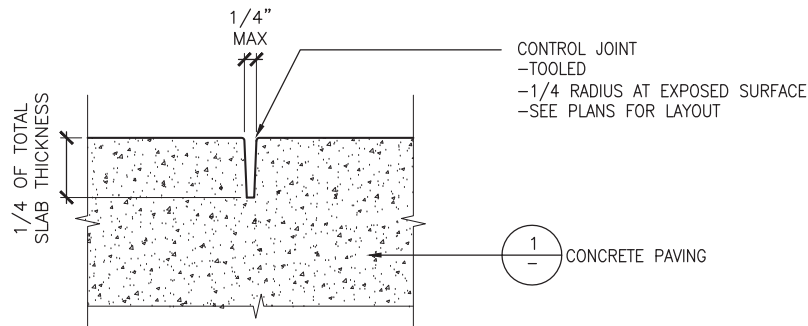
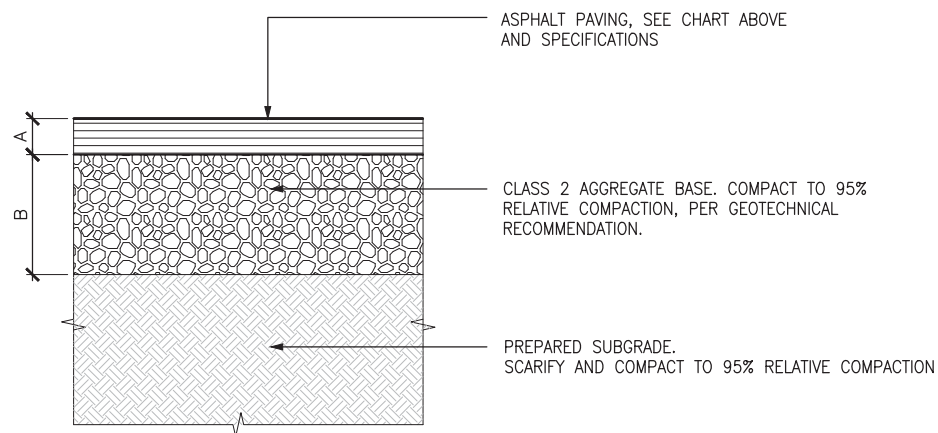
SCALE: 1 1/2"=1'-0"

2 EXPANSION JOINT

SCALE: 3"=1'-0"

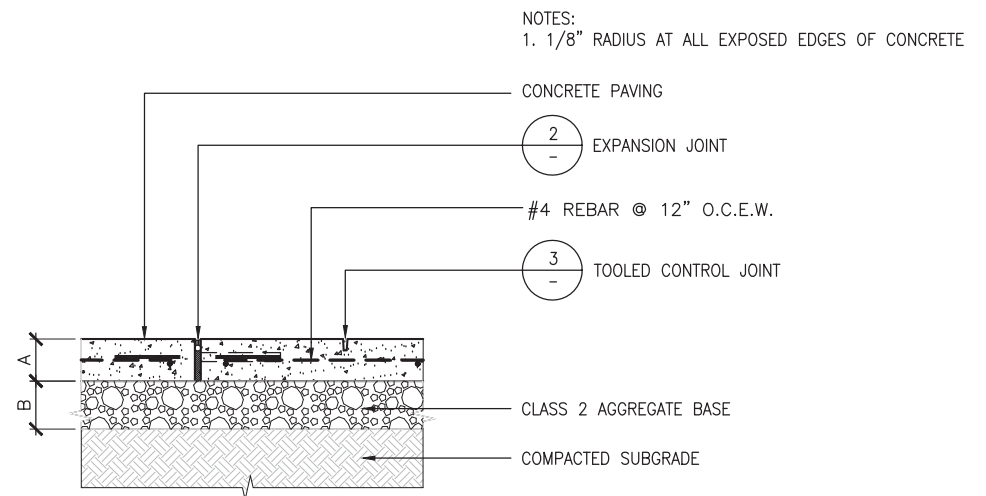
PAVING CHART

APPLICATION	A-ASPHALT THICKNESS	B-AGGREGATE BASE THICKNESS
VEHICULAR	3"	10"
PEDESTRIAN	2"	6"



PAVING CHART

APPLICATION	A-ASPHALT THICKNESS	B-AGGREGATE BASE THICKNESS
VEHICULAR	6"	10"
PEDESTRIAN	4"	6"



5 ASPHALT PAVING, TYP.

SCALE: 1 1/2"=1'-0"

3 CONTROL JOINT

SCALE: 3"=1'-0"

1 CONCRETE PAVING

SCALE: 1 1/2"=1'-0"



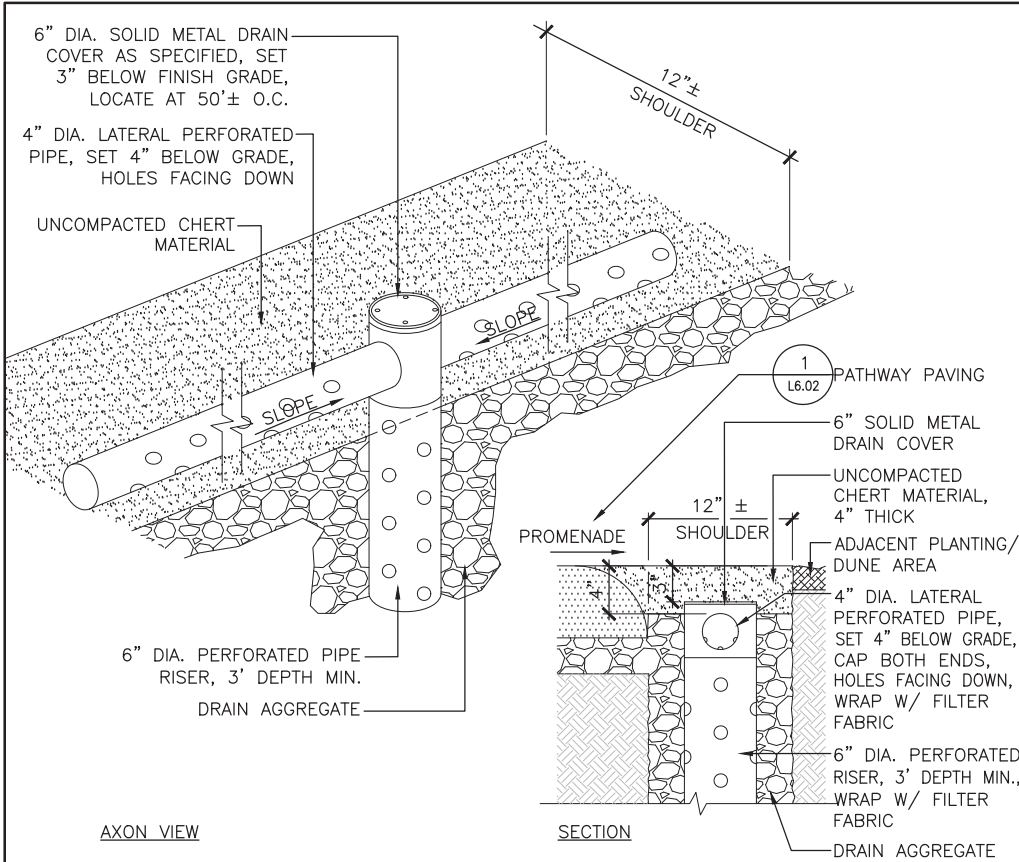
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

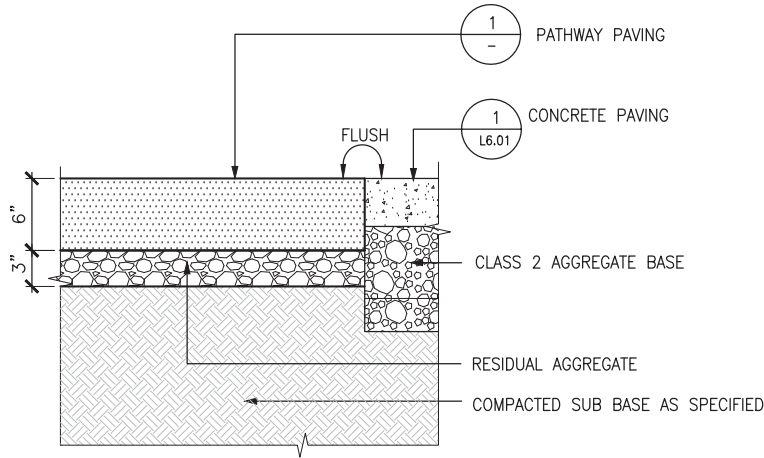
TITLE OF SHEET
DETAILS — PAVING
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L6.01
PMIS/PKG NO.
221770
SHEET
XX OF **XX**



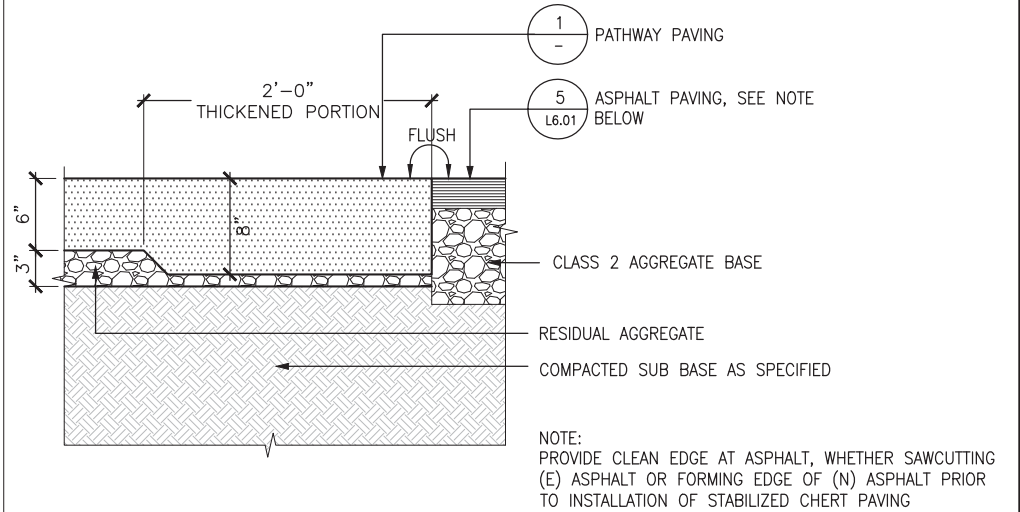
6 EDGE DRAINAGE AT PROMENADE - AIR FIELD

SCALE: NTS



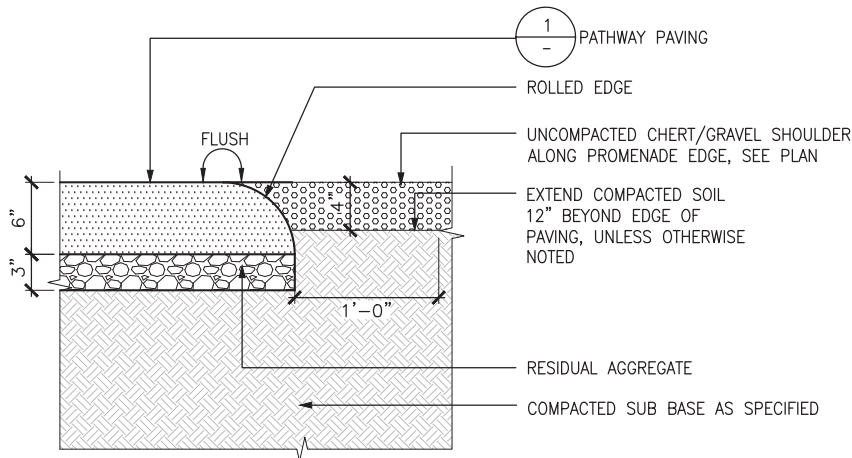
4 PATHWAY PAVING AT CONCRETE EDGE

SCALE: 1 1/2"=1'-0"



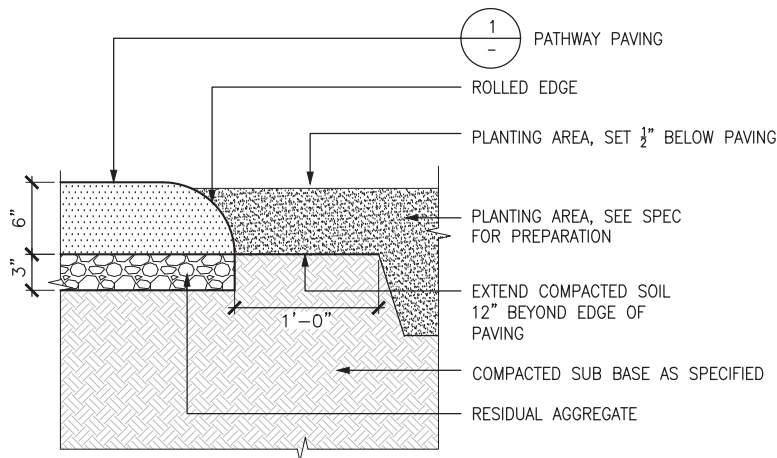
2 PATHWAY PAVING AT ASPHALT EDGE

SCALE: 1 1/2"=1'-0"



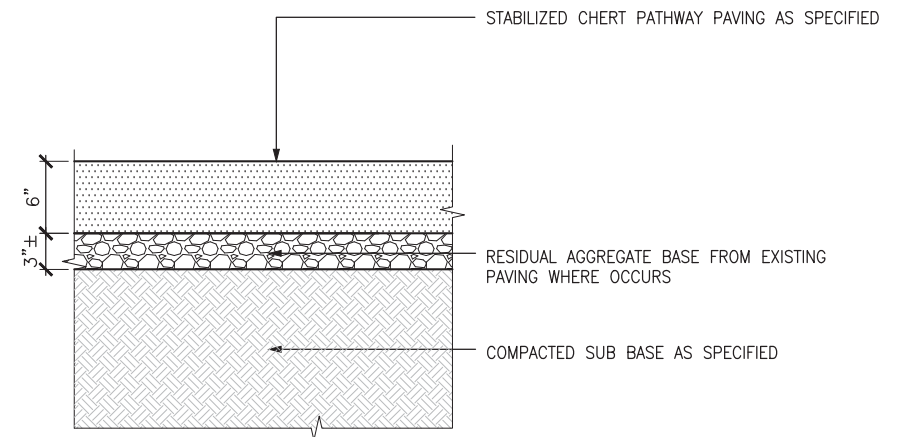
5 PATHWAY PAVING AT GRAVEL SHOULDER EDGE

SCALE: 1 1/2"=1'-0"



3 PATHWAY PAVING AT PLANTING EDGE

SCALE: 1 1/2"=1'-0"



1 PATHWAY PAVING, TYP.

SCALE: 1 1/2"=1'-0"



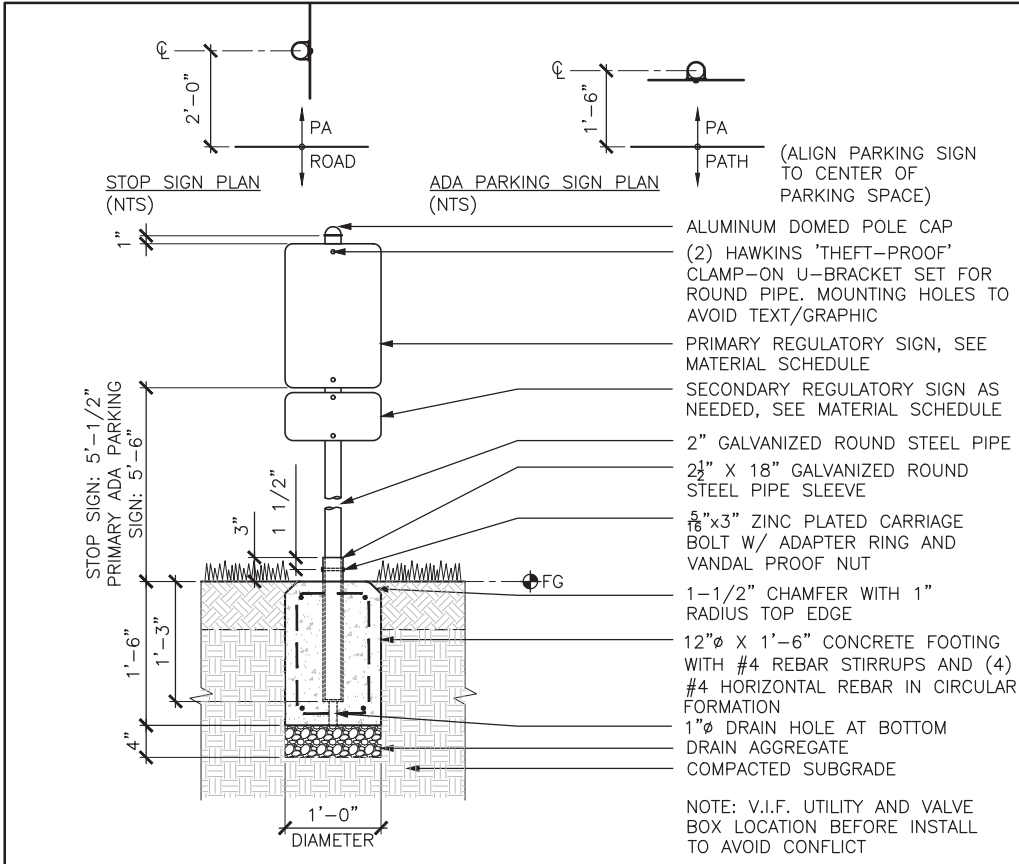
CMG
CONGER MOSS GUILLARD
 500 THIRD STREET SUITE 215
 SAN FRANCISCO, CA 94107
 TELEPHONE: 415/495-3678
 FACSIMILE: 415/495-3688

DESIGNED:
 CMG
 CHN/JH/RG
 TECH. REVIEW:
 KC/GB/CR
 DATE:
 05.20.2016

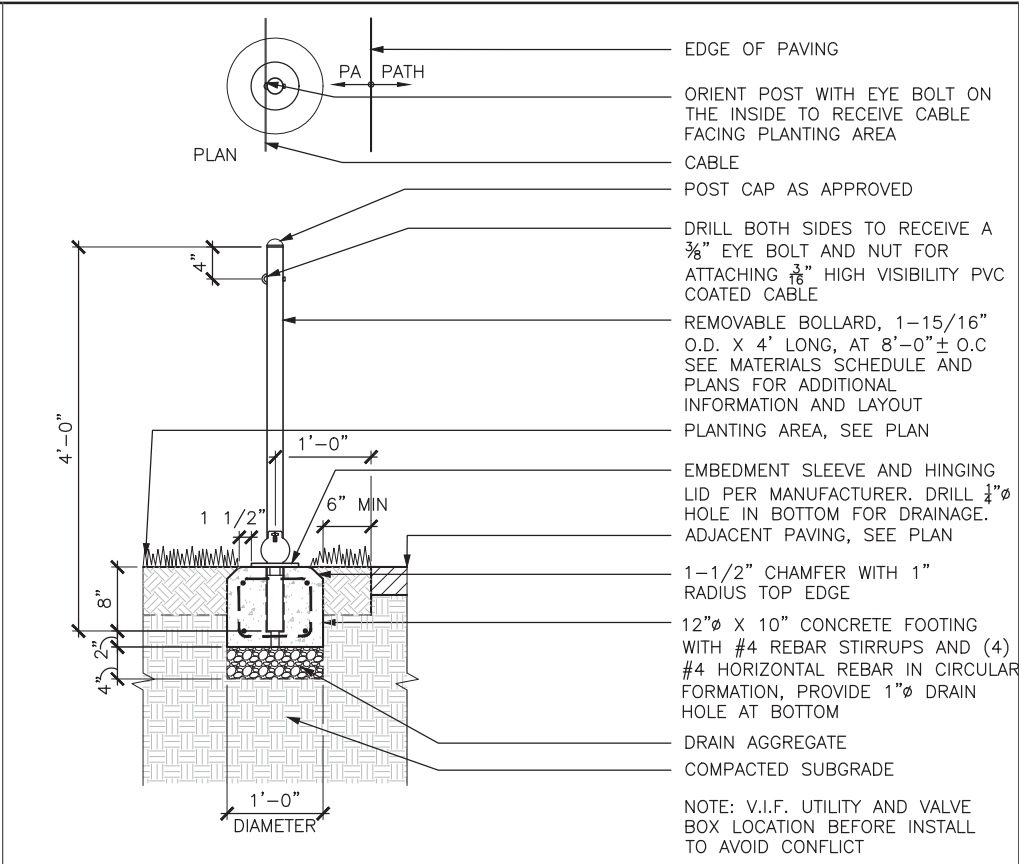
SUB SHEET NO.

TITLE OF SHEET
DETAILS - PAVING
 CRISSY FIELD: PROMENADE RESURFACING
 AND EAST BEACH PARKING RECONFIGURATION
 GOLDEN GATE NATIONAL RECREATION AREA
 THE PRESIDIO OF SAN FRANCISCO

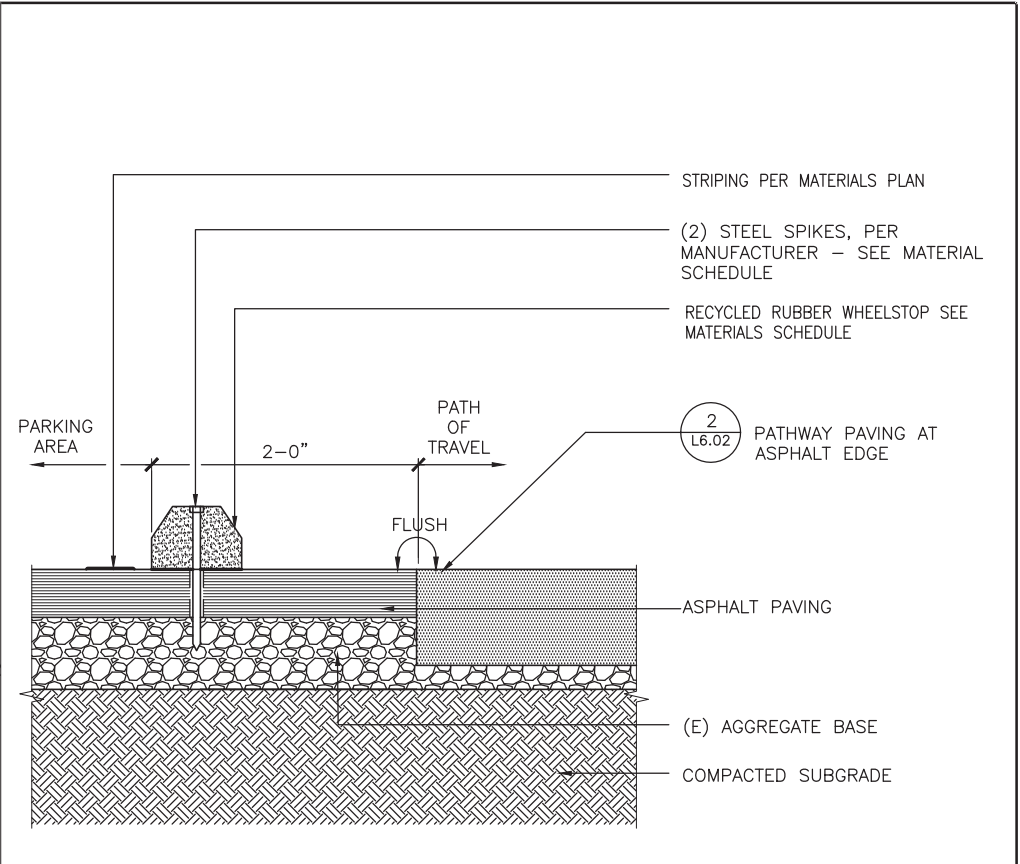
DRAWING NO.
L6.02
 PMIS/PKG NO.
 221770
 SHEET
XX OF **XX**



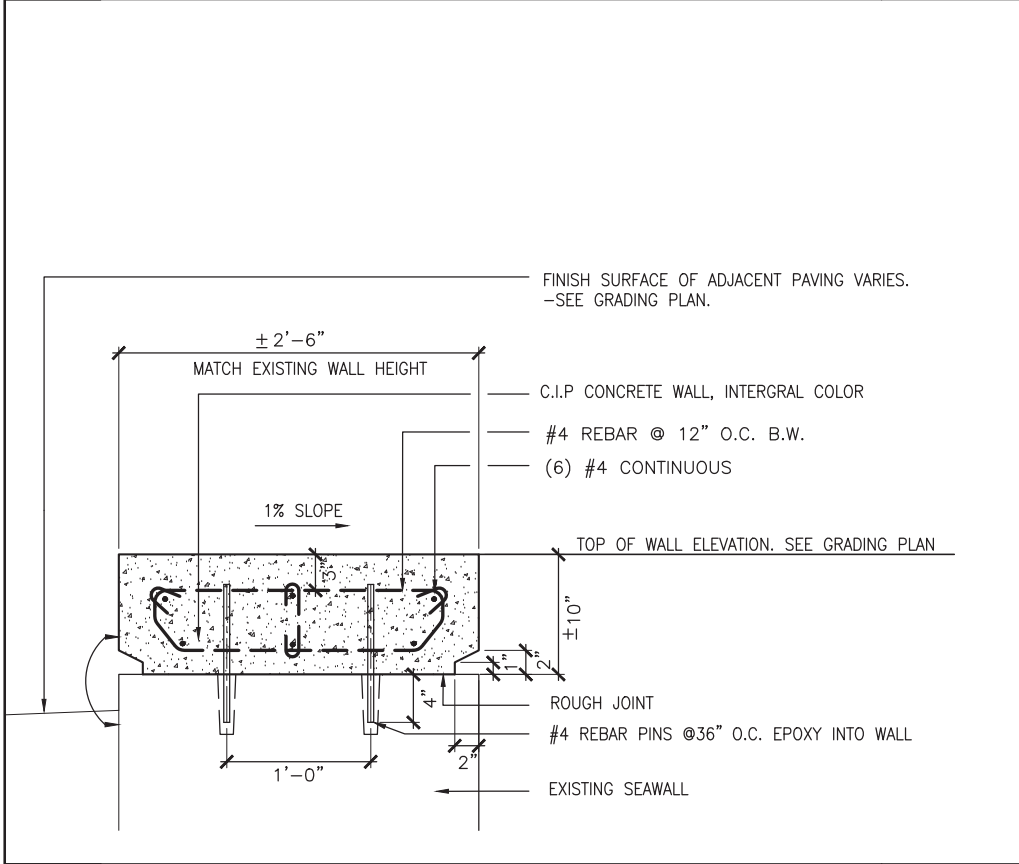
6 REGULATORY SIGN SCALE: 1"=1'-0"



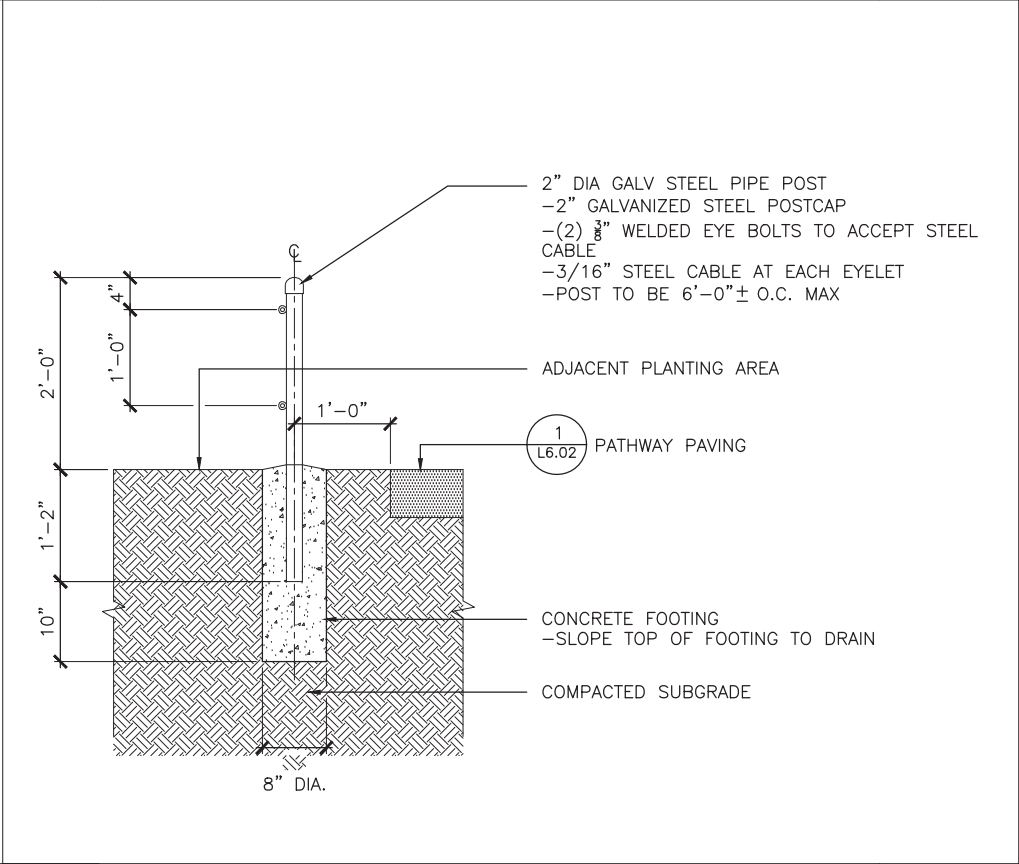
4 TEMPORARY FENCE SCALE: 1"=1'-0"



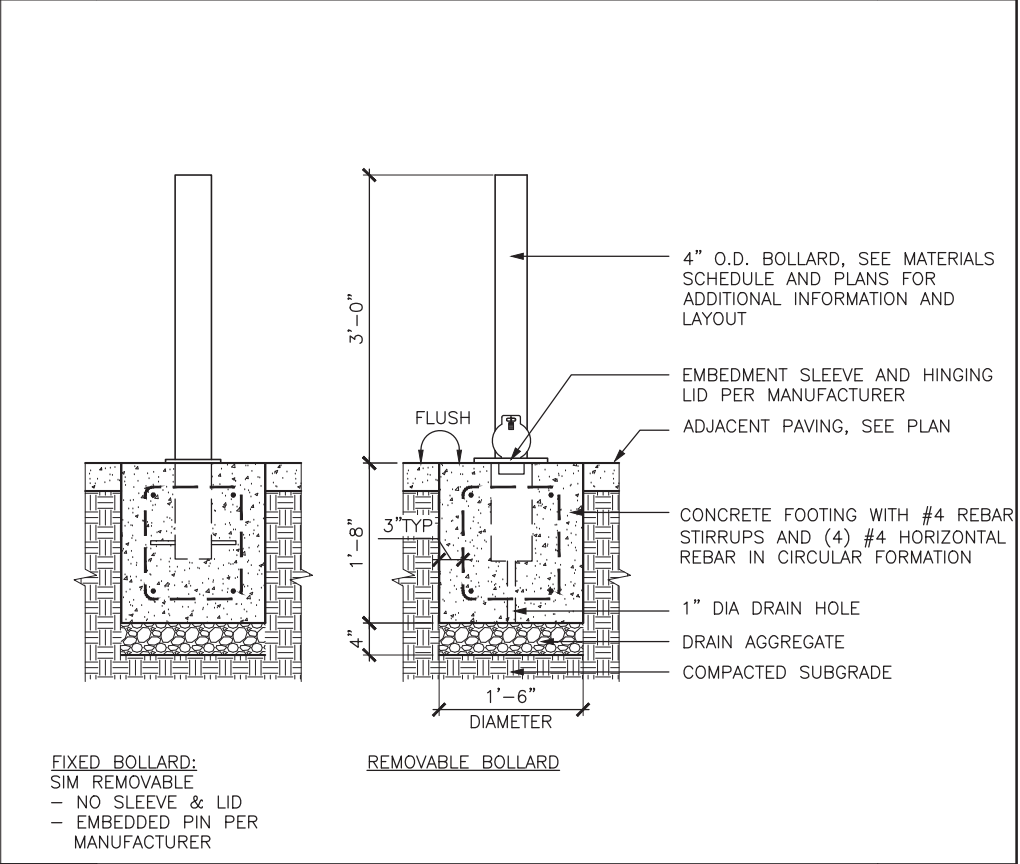
2 RECYCLED RUBBER WHEELSTOP SCALE: 1 1/2"=1'-0"



5 SEAWALL CAP SCALE: 1 1/2"=1'-0"



3 LOW PLANTING FENCE SCALE: 1"=1'-0"



1 STEEL BOLLARD SCALE: 1"=1'-0"



ARM REST AT ENDS OF BENCH
ONLY: 3/8" X 3" BAR.

3/8" STEEL BENCH SUPPORT

BASE PLATE. PROVIDE SLOTTED
HOLES FOR 3/4" DIA. STUDS

3) PATHWAY PAVING

PLANTING AREA

CONCRETE FOOTING

SCALE: 1"=1'-0"



SCALE: 3"=1'-0"

SCALE: 1"=1'-0"



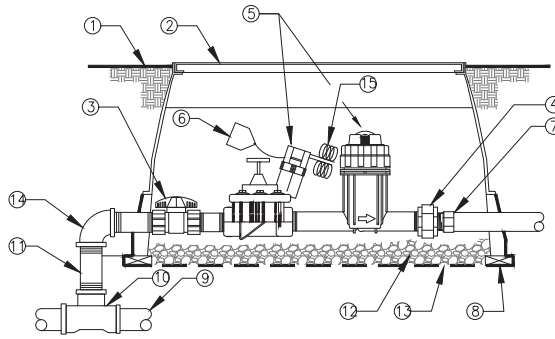
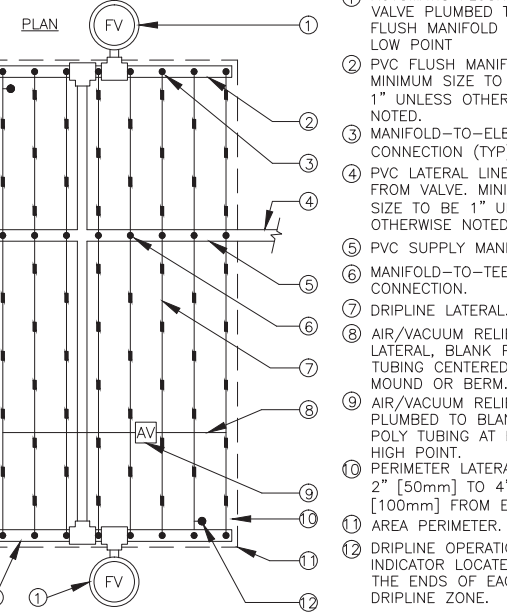
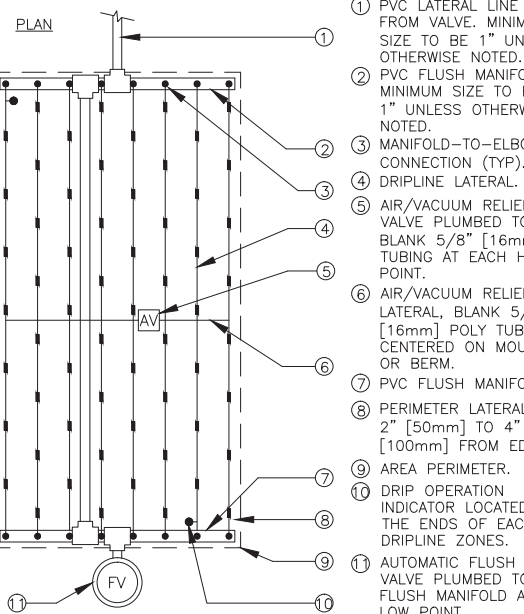
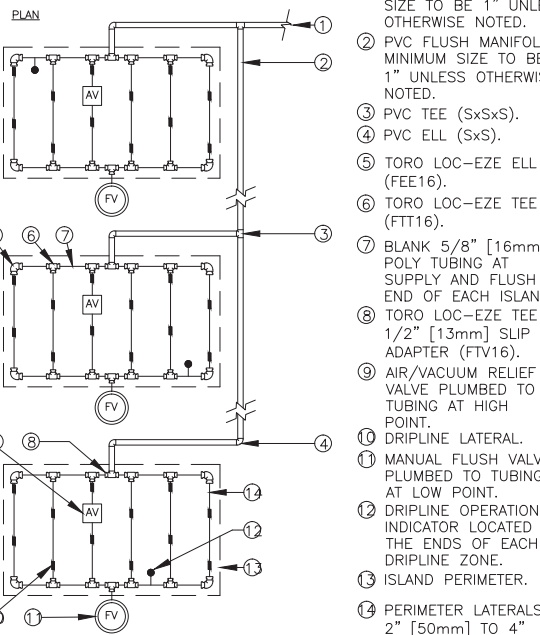
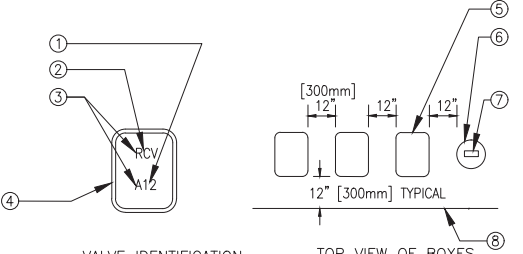
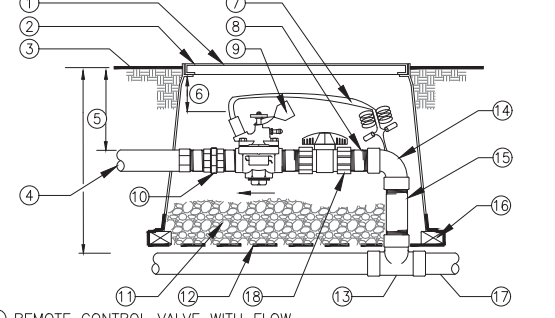
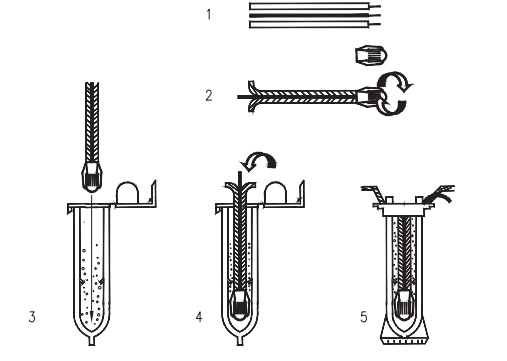
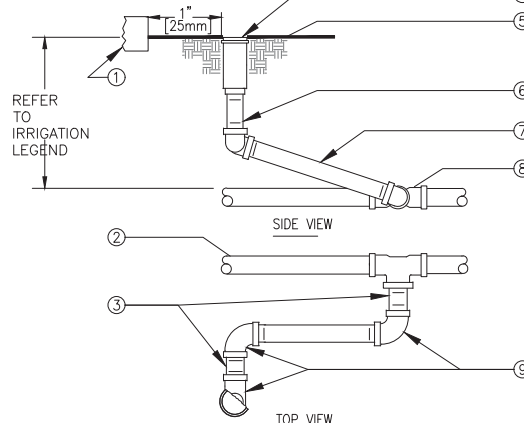
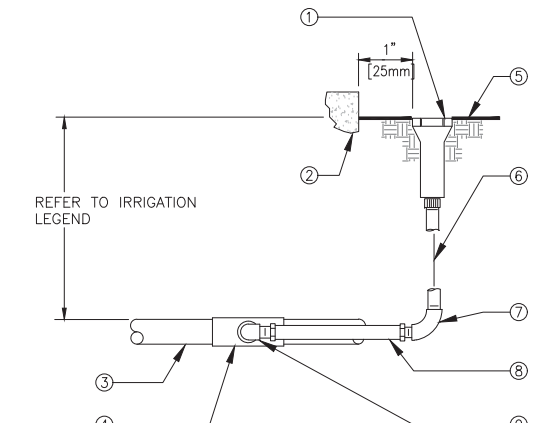
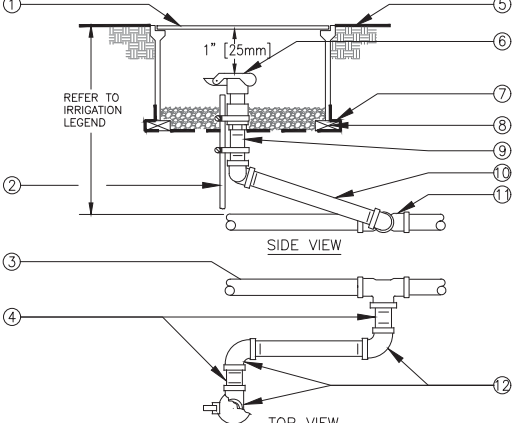
CMG
CONGER MOSS GUILLARD
300 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/496-3070
FACSIMILE: 415/496-2000

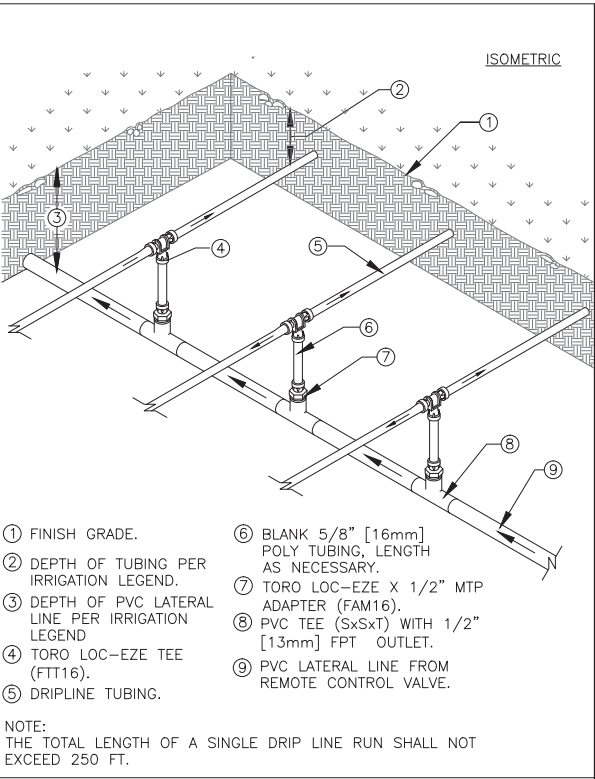
DESIGNED:	CMG
CADD	HN/JH/RG
TECH. REVIEW:	KC/GB/CR
DATE:	05.20.2016

SUB SHEET NO.

TITLE OF SHEET
DETAILS
- SITE FURNITURE
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO. L6.12
PMIS/PKG NO. 221770
SHEET XX OF XX

 <ol style="list-style-type: none"> FINISH GRADE. RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID. ONE VALVE PER BOX— NO EXCEPTIONS. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL. SCHEDULE 80 PVC UNION BALL VALVE (ONE PER VALVE). SCHEDULE 80 PVC THREADED UNION. REMOTE CONTROL VALVE DRIP ZONE KIT. (SHALL INCLUDE VALVE, FILTER AND A 40 PSI PRESSURE REDUCING VALVE) VALVE I.D. TAG (CONTROLLER AND STATION NUMBER). SCHEDULE 40 MALE ADAPTER BRICK—1 EACH CORNER. PVC MAIN LINE. UPC APPROVED SCHEDULE 40 PVC TEE. SCHEDULE 80 PVC NIPPLE—(4—TOTAL) LENGTH AS REQUIRED. PEA GRAVEL OR 3/4" [20mm] DRAIN ROCK — 4" [102mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX). 19 GAUGE 1/2" [13mm] SQUARE WIRE MESH. SCHEDULE 80 PVC 90° ELBOW (TxF). VALVE CONTROL WIRE— PROVIDE 3M—DBY SEAL PACKS AT ALL SPLICES AND 3' [1m] OF EXCESS UF WIRE IN A 1" [25mm] DIAMETER COIL. 	 <ol style="list-style-type: none"> AUTOMATIC FLUSH VALVE PLUMBED TO FLUSH MANIFOLD AT LOW POINT PVC FLUSH MANIFOLD. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED. MANIFOLD—TO—ELBOW CONNECTION (TYP). PVC LATERAL LINE FROM VALVE. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED. PVC SUPPLY MANIFOLD. MANIFOLD—TO—TEE CONNECTION. DIPLINE LATERAL. AIR/VACUUM RELIEF LATERAL, BLANK POLY TUBING CENTERED ON MOUND OR BERM. AIR/VACUUM RELIEF PLUMBED TO BLANK POLY TUBING AT EACH HIGH POINT. PERIMETER LATERALS 2" [50mm] TO 4" [100mm] FROM EDGE. AREA PERIMETER. DIPLINE OPERATION INDICATOR LOCATED AT THE ENDS OF EACH DIPLINE ZONE. <p>NOTE: 1. THE TOTAL LENGTH OF A SINGLE DRIP LINE RUN SHALL NOT EXCEED 250 FT. 2. INSTALL DIPLINE 2—4" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.</p>	 <ol style="list-style-type: none"> PVC LATERAL LINE FROM VALVE. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED. PVC FLUSH MANIFOLD. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED. MANIFOLD—TO—ELBOW CONNECTION (TYP). DIPLINE LATERAL. AIR/VACUUM RELIEF VALVE PLUMBED TO BLANK 5/8" [16mm] POLY TUBING CENTERED ON MOUND OR BERM. AIR/VACUUM RELIEF LATERAL, BLANK 5/8" [16mm] POLY TUBING CENTERED ON MOUND OR BERM. PVC FLUSH MANIFOLD. PERIMETER LATERALS 2" [50mm] TO 4" [100mm] FROM EDGE. AREA PERIMETER. DRIP OPERATION INDICATOR LOCATED AT THE ENDS OF EACH DIPLINE ZONES. AUTOMATIC FLUSH VALVE PLUMBED TO FLUSH MANIFOLD AT LOW POINT. <p>NOTE: 1. THE TOTAL LENGTH OF A SINGLE DRIP LINE RUN SHALL NOT EXCEED 250 FT. 2. INSTALL DIPLINE 2—4" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.</p>	 <ol style="list-style-type: none"> PVC LATERAL LINE FROM VALVE. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED. PVC FLUSH MANIFOLD. MINIMUM SIZE TO BE 1" UNLESS OTHERWISE NOTED. PVC TEE (SxSxS). PVC ELL (SxS). TORO LOC—EZE ELL (FEE16). TORO LOC—EZE TEE (FTT16). BLANK 5/8" [16mm] POLY TUBING AT SUPPLY AND FLUSH END OF EACH ISLAND. TORO LOC—EZE TEE X 1/2" [13mm] SLIP ADAPTER (FTV16). AIR/VACUUM RELIEF VALVE PLUMBED TO TUBING AT HIGH POINT. DIPLINE LATERAL. MANUAL FLUSH VALVE PLUMBED TO TUBING AT LOW POINT. DIPLINE OPERATION INDICATOR LOCATED AT THE ENDS OF EACH DIPLINE ZONE. ISLAND PERIMETER. PERIMETER LATERALS 2" [50mm] TO 4" [100mm] FROM EDGE. <p>NOTE: 1. THE TOTAL LENGTH OF A SINGLE DRIP LINE RUN SHALL NOT EXCEED 250 FT. 2. INSTALL DIPLINE 2—4" BELOW GRADE AND STAKE DOWN EVERY 4' OR AS REQUIRED.</p>	 <ol style="list-style-type: none"> CONTROLLER AND STATION VALVE TYPE HEAT BRAND LETTERS AND NUMBERS INTO LID. VALVE BOX COVER RECTANGULAR VALVE BOX ROUND VALVE BOX FOR QCV AND GATE VALVE. HEAT BRAND LETTERS AND NUMBERS INTO LID (TYPICAL). EDGE OF LAWN, WALK, FENCE, CURB, ETC. <p>INSTRUCTIONS: 1. CENTER VALVE BOX OVER REMOTE CONTROL VALVE TO FACILITATE SERVICING VALVE. 2. SET BOXES 1" [25mm] ABOVE FINISH GRADE OR MULCH COVER IN GROUND COVER/SHRUB AREA AND FLUSH WITH FINISH GRADE IN TURF AREA. 3. SET RCV AND VALVE BOX ASSEMBLY IN GROUND COVER/SHRUB AREA WHERE POSSIBLE. INSTALL IN LAWN ONLY IF GROUND COVER DOES NOT EXIST ADJACENT TO LAWN. 4. SET BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE OF LAWN, WALK, FENCE, CURB, ETC. 5. AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES. 6. INSTALL EXTENSION BY VALVE BOX MANUFACTURER AS REQUIRED TO COMPLETELY ENCLOSE ASSEMBLY FOR EASY ACCESS.</p>
<div>1</div> <div>REMOTE CONTROL VALVE (DRIPZONE)</div> <div>SCALE: NONE DET: RCV—FILTER1</div>	<div>2</div> <div>TORO DL 2000 CENTER FEED LAYOUT</div> <div>SCALE: NONE</div>	<div>3</div> <div>TORO DL 2000 END FEED LAYOUT</div> <div>SCALE: NONE</div>	<div>4</div> <div>TORO DL 2000 ISLAND LAYOUT</div> <div>SCALE: NONE</div>	<div>5</div> <div>VALVE BOX INSTALLATION</div> <div>SCALE: NONE DET: VALVE—B1</div>
 <ol style="list-style-type: none"> REMOTE CONTROL VALVE WITH FLOW CONTROL AND MANUAL BLEED (PRESSURE REGULATOR WHERE SHOWN ON PLANS). USE A 14" X 19" RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID FOR 1" VALVES. FOR 1.5" AND LARGER VALVES INSTALL BALL VALVE WITHIN A SEPARATE 10" ROUND BOX OR ONE BALL VALVE PER MANIFOLD OF VALVES. GATE VALVE SIZE SHALL BE SAME AS LARGEST VALVE WITHIN MANIFOLD. ONE VALVE PER BOX— NO EXCEPTIONS. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL. FINISH GRADE. PVC LATERAL LINE. 3" [75mm] MIN, 6" [150mm] MAX. VALVE CONTROL WIRE— PROVIDE SEAL PACKS AT ALL SPLICES AND 3' [1m] OF EXCESS UF WIRE IN A 1" [25mm] DIAMETER COIL. SCHEDULE 80 PVC NIPPLE (4 TOTAL). VALVE I.D. TAG (CONTROLLER AND STATION NUMBER). SCHEDULE 80 PVC THREADED UNION. PEA GRAVEL OR 3/4" DRAIN ROCK— 4" [100mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX). 19 GAUGE 1/2" [12mm] SQUARE WIRE MESH. UPC APPROVED SCHEDULE 40 PVC TEE. SCHEDULE 80 PVC 90° ELBOW (TxF). SCHEDULE 80 PVC NIPPLE— LENGTH AS REQUIRED. BRICK—1 EACH CORNER. PVC MAIN LINE. SCHEDULE 80 PVC UNION BALL VALVE (ONE PER VALVE). 	 <p>INSTRUCTIONS: 1. STRIP WIRES APPROXIMATELY 1/2" (13 mm) TO EXPOSE WIRE. 2. TWIST CONNECTOR AROUND WIRES CLOCKWISE UNTIL HAND TIGHT, DO NOT OVERTIGHTEN. 3. INSERT WIRE ASSEMBLY INTO PLASTIC TUBE UNTIL WIRE CONNECTOR SNAPS PAST LIP IN BOTTOM OF TUBE. 4. PLACE WIRES WHICH EXIT TUBE IN WIRE EXIT HOLES AND CLOSE CAP UNTIL IT SNAPS. 5. INSPECT FINAL SPLICE ASSEMBLY TO BE SECURE AND FINISHED.</p>	 <p>NOTES: 1. SET SPRINKLER 1" [25mm] ABOVE FINISH GRADE AT TIME OF INSTALLATION — LOWER TO FINISH GRADE WHEN TURF IS WELL ESTABLISHED. 2. NIPPLES AND FITTINGS TO BE SAME IPT SIZE AS ROTARY SPRINKLER IPT INLET THREAD SIZE.</p> <ol style="list-style-type: none"> WALL, WALK, CURB OR HEADER PVC LATERAL LINE 3" [75mm] LONG SCHEDULE 80 PVC THREADED NIPPLE POP—UP ROTARY SPRINKLER FINISH GRADE SCHEDULE 80 PVC THREADED NIPPLE (LENGTH AS REQUIRED) 10" [250mm] LONG SCHEDULE 80 PVC THREADED NIPPLE UPC APPROVED SCHEDULE 40 PVC TEE OR ELBOW SCHEDULE 80 PVC THREADED 90° ELL 	 <ol style="list-style-type: none"> POP—UP LAWN SPRAY SPRINKLER. WALL, WALK, CURB OR BUILDING. PVC LATERAL LINE. UPC APPROVED SCHEDULE 40 PVC TEE OR ELBOW. FINISH GRADE. 1/2" [13mm] SCHEDULE 80 PVC THREADED NIPPLE (LENGTH AS REQUIRED — TYPICAL). 1/2" [13mm] SCHEDULE 40 PVC THREADED 90° ELL. 1/2" [13mm] FLEXIBLE IPS HOSE 6" [150mm] LONG WITH MALE ADAPTERS OR 1/2" x 6" [13mm x 150mm] FLEXIBLE SWING JOINT WITH A MINIMUM PRESSURE RATING OF 100 PSI [690kPa] 1/2" [13mm] SCHEDULE 40 PVC STREET ELL. 	 <ol style="list-style-type: none"> 10" ROUND PLASTIC VALVE BOX WITH BOLT DOWN LID. 1 1/4" x 1 1/4" x 3/16" [30mm x 30mm x 5mm] ANGLE IRON 30° SCHEDULE 80 PVC THREADED NIPPLE. 10" [250mm] LONG SCHEDULE 80 PVC THREADED NIPPLE. UPC APPROVED SCHEDULE 40 PVC TEE OR ELBOW. SCHEDULE 80 PVC THREADED 90° ELL. 19 GAUGE 1/2" [13mm] SQUARE WIRE MESH. BRICK — 2 TOTAL. SCHEDULE 80 PVC THREADED NIPPLE. UPC APPROVED SCHEDULE 40 PVC TEE OR ELBOW. SCHEDULE 80 PVC THREADED 90° ELL. QUICK COUPLING VALVE. <p>NOTE: NIPPLES AND FITTINGS TO BE SAME SIZE AS VALVE IPT INLET THREAD SIZE.</p>
<div>6</div> <div>REMOTE CONTROL VALVE</div> <div>SCALE: NONE DET: RCV—UN—BV</div>	<div>7</div> <div>WEATHERPROOF WIRE SPLICE ASSEMBLY</div> <div>SCALE: NONE DET: WIRE—SPL</div>	<div>8</div> <div>POP—UP ROTARY SPRINKLER — TURF</div> <div>SCALE: NONE DET: LAROTARY</div>	<div>9</div> <div>POP—UP SPRAY SPRINKLER — TURF</div> <div>SCALE: NONE DET: LW—POPSP</div>	<div>10</div> <div>QUICK COUPLING VALVE</div> <div>SCALE: NONE DET: QUICK—C2</div>

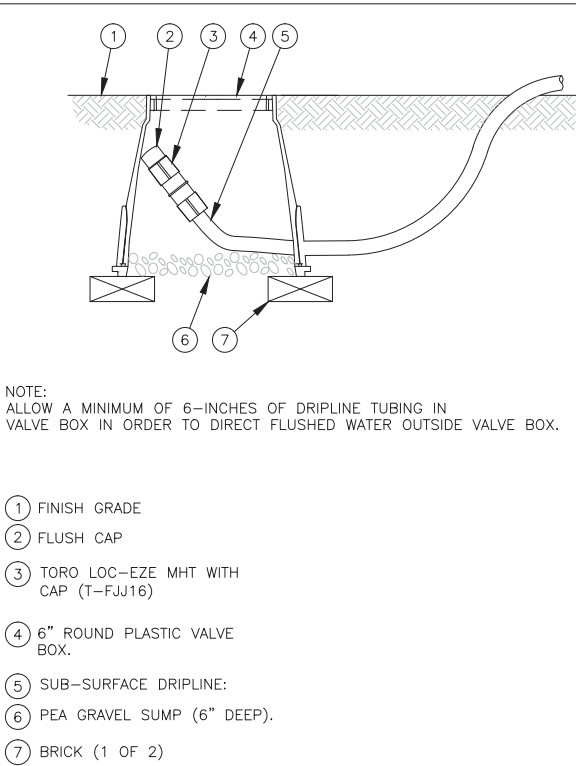


- 1 FINISH GRADE.
- 2 DEPTH OF TUBING PER IRRIGATION LEGEND.
- 3 DEPTH OF PVC LATERAL LINE PER IRRIGATION LEGEND
- 4 TORO LOC-EZE TEE (FTT16).
- 5 DRIPLINE TUBING.
- 6 BLANK 5/8" [16mm] POLY TUBING, LENGTH AS NECESSARY.
- 7 TORO LOC-EZE X 1/2" MTP ADAPTER (FAM16).
- 8 PVC TEE (SxSxT) WITH 1/2" [13mm] FPT OUTLET.
- 9 PVC LATERAL LINE FROM REMOTE CONTROL VALVE.

NOTE:
THE TOTAL LENGTH OF A SINGLE DRIP LINE RUN SHALL NOT EXCEED 250 FT.

1

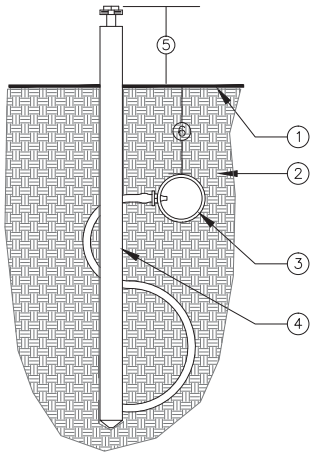
TORO DL 2000 CENTER FEED MANIFOLD
SCALE: NONE



- 1 FINISH GRADE
- 2 FLUSH CAP
- 3 TORO LOC-EZE MHT WITH CAP (T-FJJ16)
- 4 6" ROUND PLASTIC VALVE BOX.
- 5 SUB-SURFACE DRIPLINE:
- 6 PEA GRAVEL SUMP (6" DEEP).
- 7 BRICK (1 OF 2)

2

DRIPLINE-FLUSH POINT
SCALE: NONE
DET: -----



SECTION/ELEVATION

- 1 FINISH GRADE.
- 2 SOIL BACKFILL.
- 3 DRIPLINE.
- 4 OPERATION INDICATOR. USE ONE PER ZONE AND LOCATED AT FLUSH END OF ZONE.
- 5 2"-3" [50mm - 75mm] ABOVE FINISH GRADE.
- 6 REFER TO IRRIGATION LEGEND.

3

TORO DL 2000 OPERATION INDICATOR
SCALE: NONE

WATER CALCULATIONS

CRISSY FIELD - HYDROZONE CHART

- 5-19-116
- 1. Hydrozone Table
 - 2. Maximum Applied Water Use
 - 3. Estimated Total Water Use

1. HYDROZONE CALCULATION TABLE
ETO= 35.1

HYDROZONE	WATER USE TYPE	PLANT FACTOR (PF)	IRRIGATION METHOD	EFFICIENCY (IE)	ETAF (PF/IE)	LANDSCAPE AREA (SQ. FT)	ETAF x AREA	ETWU	PERCENTAGE OF LANDSCAPE
Regular Landscape Areas									
SHURBS GROUNDCOVER	LOW	0.2	DRIP	0.81	0.25	5529	1365	29709	62%
LAWN	HIGH	0.7	SPRAY	0.75	0.93	3436	3207	69789	38%
Totals						8965	4572		
Special Landscape Areas									
LAWN					1	3436	3436		38%
					1		0		0%
					1		0		0%
Totals						3436	3436		38%
								ETWU Total	99,498
								Maximum Allowed Water Allowance (MAWA)	140,951

2. Maximum Applied Water Allowance (MAWA) Gallons Per Year
MAWA = (ETO)/(0.62)[(LA * 0.45) + (0.55 * SLA)]

ETo = Reference evapotranspiration
0.45= ET adjustment factor (Non residential, 0.55 residential)
LA=Landscaped Area (square feet)
0.62 = Conversion factor (gallons per square foot per year)

3. ESTIMATED TOTAL WATER USE (ETWU) Gallons per year
ETWU= ((ETO)/(.62))*[ETAF(LA/IE)]

ETo = Reference evapotranspiration
PF = Plant factor for hydrozones
HA = Hydrozone area (square feet)
0.62 = Conversion factor (gallons per square foot per year)
IE = Irrigation efficiency (0.81) bubbler/drip
IE = Irrigation efficiency (0.75) spray

Irrigation Consultant:
Russell D. Mitchell Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 • fax 925.932.5671
www.rmainirrigation.com

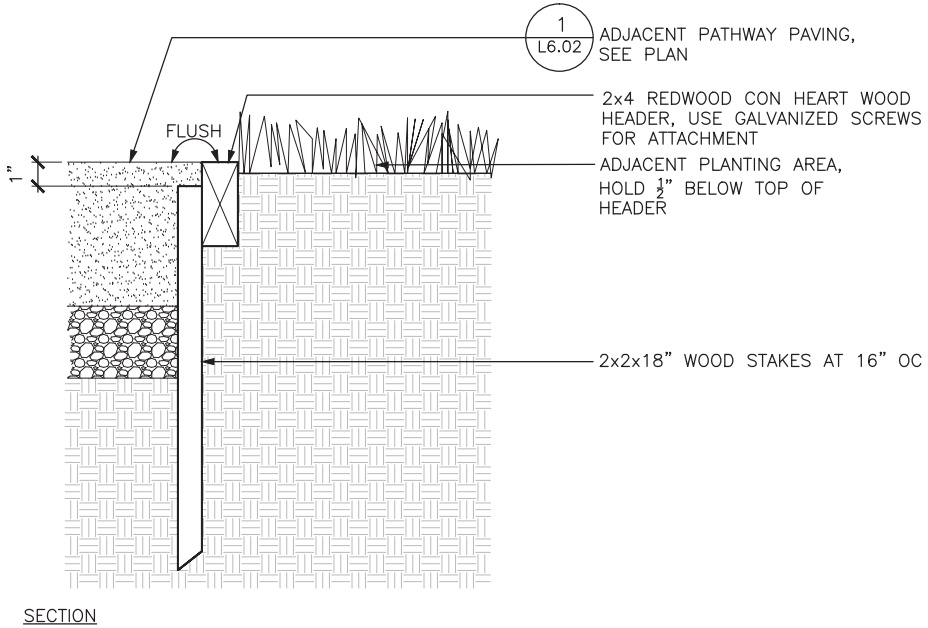
CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/486-3676
FACSIMILE: 415/486-3698

DESIGNED:
CMG
EADD
HN/JH/RG
TECH. REVIEW:
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

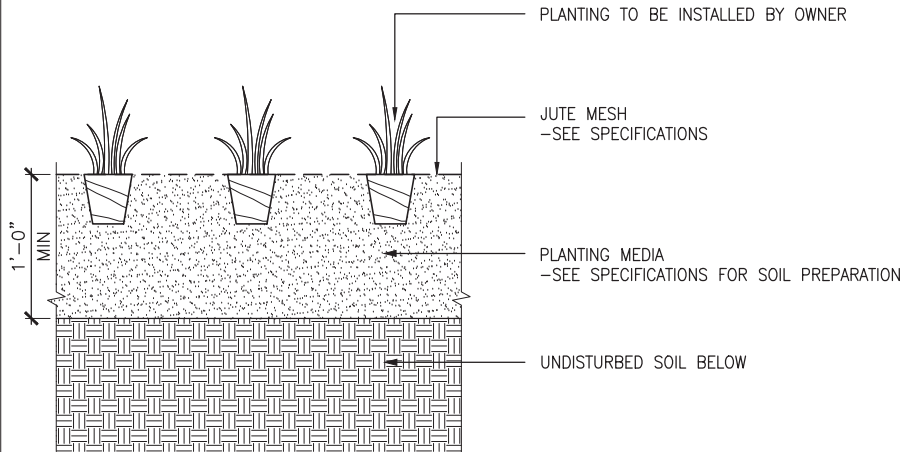
TITLE OF SHEET
IRRIGATION DETAILS
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L6.22
PMIS/PKG NO.
221770
SHEET
OF



2 REDWOOD HEADER

SCALE: 1"=1'-0"



NOTE:
CONTRACTOR IS RESPONSIBLE ONLY FOR SOIL
PREPARATION, INSTALLATION OF JUTE MESH AND
IRRIGATION. OWNER WILL SELECT AND INSTALL PLANT
MATERIALS.

1 SHRUB/GROUNDCOVER PLANTING

SCALE: 1 1/2"=1'-0"



CMG
CONGER MOSS GUILLARD
500 THIRD STREET SUITE 215
SAN FRANCISCO, CA 94107
TELEPHONE: 415/498-3878
FACSIMILE: 415/498-3888

DESIGNED:
CMG
TECH. REVIEW:
HN/JH/RG
KC/GB/CR
DATE:
05.20.2016

SUB SHEET NO.

TITLE OF SHEET
DETAILS — PLANTING
CRISSY FIELD: PROMENADE RESURFACING
AND EAST BEACH PARKING RECONFIGURATION
GOLDEN GATE NATIONAL RECREATION AREA
THE PRESIDIO OF SAN FRANCISCO

DRAWING NO.
L6.31
PMIS/PKG NO.
221770
SHEET
OF