

PLAN CHECK SUBMITTAL BALLONA CREEK REGIONAL GATEWAY

GENERAL NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND AND OVERHEAD UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR COST INCURRED DUE TO DAMAGE AND REPLACEMENT OF SAID UTILITIES.
- STREETS, SIDEWALKS AND ADJACENT PROPERTY SHALL BE PROTECTED THROUGHOUT THE WORK AS REQUIRED BY LOCAL, COUNTY AND REGULATIONS AND APPROVED BY THE OWNER.
- REFER TO CITY AND/OR COUNTY STANDARD PLANS AND SPECIFICATIONS WHERE APPLICABLE.
- ALL WORK AND PORTIONS OF THE PROJECT SHALL COMPLY WITH ALL APPLICABLE CODES.
- CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY EXISTING MATERIALS THAT ARE DAMAGED DURING CONSTRUCTION.
- ALL LIMITS OF WORK, PROPERTY LINES AND LOT LINES SHALL BE VERIFIED PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT (7) DAYS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT OBSERVATION SCHEDULES.
- WRITTEN SPECIFICATIONS ARE TO BE A PART OF THESE CONSTRUCTION DOCUMENTS. SEE SPECS FOR ALL WORK PERFORMED INCLUDING IRRIGATION, PLANTING AND LANDSCAPE MAINTENANCE.
- CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES AND SUB-CONTRACTORS FOR COMPLETE INSTALLATIONS.
- CONTRACTOR SHALL COORDINATE WITH CA FISH AND WILDLIFE TO ARRANGE FOR ARCHEOLOGICAL OVERSIGHT OF ALL EXCAVATION INSIDE AND OUTSIDE THE BWER.
- ALL WORK SHALL MINIMIZE DISTURBANCE ON ADJACENT BALLONA WETLANDS ECOLOGICAL RESERVE.
- NOT TO BE MAINTAINED BY LACDPW/LACDFD, TO BE MAINTAINED BY MRCA.

PROJECT TEAM:

OWNER: DMV
Contact: Richard Grody
Address: P.O. Box 1553, Topanga, CA 90290
Phone: 310.455.3243

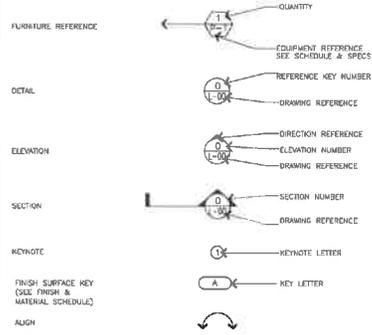
DEVELOPER: MRCA
Contact: Liz Jennings
Address: 570 West Avenue 25, Suite 100, Los Angeles, CA 90005
Phone: 323.225.9844 Extension 183

LANDSCAPE ARCHITECTS: RELM
Contact: Scott Baker
Address: 817 S Olive St #1110, Los Angeles, CA 90014
Phone: 213.873.2857

PROJECT INFORMATION:

PROJECT ADDRESS/LOCATION: Intersection of Ballona Creek Bike Path and Marvin Brauer Bike Path
APN RS: 4211-018-002
4211-017-101

SYMBOLS:



ABBREVIATIONS:

#	NUMBER	F.G.	FINISHED GRADE	PERF.	PERFORATED
&	AND	F.H.	FIRE HYDRANT	R.	RADIUS
AT	AT	F.L.	FLOW LINE	RAD.	RADIUS
150	GALLON SIZE - TREE	F.S.	FINISHED SURFACE	REBAR	REINFORCING BAR
24"	BOX SIZE - TREE	FIN.	FINISHED	REQD.	REQUIRED
A.	AGRIC.	FTG.	FOOTING	RWD.	REDWOOD
A.C.	ASPHALTIC CONCRETE	F.P.	FACE OF PLASTER	S.F.	SQUARE FOOT
A.D.	AREADRAIN	F.O.S.	FACE OF STUD	S.L.	SCORE LINE
ADJ.	ADJACENT	G.C.	GROUND COVER	SEC.	SECTION
AGG.	AGGREGATE	G.A.	GAUGE	S.E.R.	SOIL ENGINEER'S REPORT
ALI.	ALTERNATE	GAL.	GALLON	SOH.	SCHEDULE
ARCH.	ARCHITECT (ARCHITECTURAL)	GALV.	GALVANIZED	SM.	SIMILAR
BLDG.	BUILDING	H.	HIGH	SHT.	SHEET
BRO.	BEARING	H.B.	HOSE BIBB	SPAC.	SPACING
B.S.	BOTTOM OF STEP	H.P.	HIGH POINT	SPEC.	SPECIFICATIONS
B.T.	BROWN TRUNK	H.P.S.	HIGH-PRESSURE SCULUM	SQ.	SQUARE
BTW.	BETWEEN	HOR. RD.	HORIZONTAL ROAD	S.S.	STAINLESS STEEL
B.W.	BACK OF WALK	HORIZ.	HORIZONTAL	S.STL.	STAINLESS STEEL
C.B.	CATCH BASIN	HT.	HEIGHT	STRUCT.	STRUCTURAL
C.F.	CUBIC FOOT	ID.	INSIDE DIAMETER	T.	TREAD
C.J.	CONTROL JOINT	IE	INVERT ELEVATION	T.A.D.	TOP OF AREA DRAIN
C.L.	CENTERLINE	INCAND.	INCANDESCENT	T.B.	TOP OF BERM
CLER.	CLEAR	INT.	INTEGRAL	T.C.	TOP OF CURB
C.Y.	CUBIC YARD	INT.	INTERFERE	T.D.D.	TOP OF DECK DRAIN
CL.	CENTER LINE	J.BOX	JUNCTION BOX	T.G.	TOP OF GRATE
CLF.	CHAIN LINK FENCE	JT.	JOINT	THK.	THICK
CLR.	CLEARANCE	L.	LENGTH	TYP.	TYPICAL
COL.	COLUMN	L.A.	LANDSCAPE ARCHITECT	U.N.O.	UNLESS NOTED OTHERWISE
CONC.	CONCRETE	L.P.	LOW POINT	V.	VERTICAL
COND.	CONDITION	MANUP.	MANUFACTURER	V.F.	VERIFY IN FIELD
CONT.	CONTINUOUS	M.B.	MACHINE BOLT	W.	WEST
CTR.	CENTER	M.H.	MAN HOLE	W/V	WELDED WIRE MESH
D.B.	DOUBLE	M.V.	MERCURY VAPOR	W.	WOOD
D.D.	DECK DRAIN	MAX.	MAXIMUM	W.O.	WITHOUT
D.F.	DOUGLAS FIR	MEDR.	MEDIUM	W.H.	WEEP-HOLE
D.G.	DECOMPOSED GRANITE	MED.	MEDIUM	W.L.	WATER LEVEL
DBL.	DOUBLE DETAIL	MIN.	MINIMUM	W.P.	WATERPROOF
DET.	DETAIL	MISC.	MISCELLANEOUS	W.	WELDED WIRE MESH
DIA.	DIAMETER	MULTI.	MULTI-TUNK	W.	WITH
UNL.	UNLESS	N/A.	NOT APPLICABLE	W/O.	WITHOUT
OWG.	ORIGIN	N.C.	NOT IN CONTRACT		
DWR.	DOWN	N.S.	NOT TO SCALE		
E.	EAST	Ø	NEW		
E.J.	EXPANSION JOINT	NAT.	NATURAL		
E.W.	EACHWAY	NO.	NUMBER		
E.A.	EACH	N.C.	NOT IN CONTRACT		
ELEC.	ELECTRICAL	N.S.	NOT TO SCALE		
ELEV.	ELEVATION	NAT.	NATURAL		
EL.	ELEVATION	NO.	NUMBER		
ENG.	ENGINEER	O.C.	ON CENTER		
EQ.	EQUAL	O.D.	OUTSIDE DIAMETER		
ESP.	ESPRESSO	OPNG.	OPENING		
EX.	EXISTING	P.A.	PLANTING AREA		
EXIST.	EXISTING	P.F.	POURED IN PLACE		
EXP.	EXPANSION	P.L.	PROPERTY LINE		
P.F.E.	FINISHED FLOOR ELEVATION	P.O.C.	POINT OF CONNECTION		
		P.S.I.	POUNDS PER SQUARE INCH		
		P.V.C.	POLY-VINYL CHLORIDE		

SHEET INDEX:

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ESTIMATED EARTHWORK QUANTITIES

TYPE	QTY (CUBIC YDS)
CUT	40

NOTES:

- THE ESTIMATED QUANTITIES PROVIDED ABOVE ARE TO BE USED FOR JURISDICTIONAL PLAN CHECKING AND PERMITTING PURPOSES ONLY.
- THE CONTRACTOR SHALL CALCULATE HIS OWN EARTHWORK QUANTITIES NECESSARY FOR HIS BID AND WORK.

SITE FURNISHING SCHEDULE

KEY	DESCRIPTION	MODEL MANUFACTURER'S MODEL NUMBER	COLOR/FINISH	MANUFACTURER	COMMENTS
F1	BIKE RACK	U/2 CLASSIC BIKE RACK	BLACK	CYCLE SAFE 888.946.6311	TO BE PURCHASED + INSTALLED BY CONTRACTOR
F2	EXHIBIT DISPLAY STAND	DOUBLE POST CANTILEVER	GREEN	COPHER SIGN 651.688.5085	CONTRACTOR SHALL PURCHASE AND INSTALL DISPLAY STAND - CONTRACTOR SHALL COORDINATE WITH INSERTION OF CHAINING EXHIBIT ARTWORK WITHIN THE DISPLAY STAND WITH MRCA
F3	READING BENCH WITH BACK	REC266	EVERGREEN 38/50060	KEYSTONE RIDGE 803.284.8208	TO BE PURCHASED AND INSTALLED BY CONTRACTOR
F4	TRASH RECEPTACLE	N/A	GREEN	STAR MAINTENANCE SUPPLY 828288/222 INDUSTRIAL CONTAINER SERVICES 323.724.8507	TO BE PURCHASED AND INSTALLED BY CONTRACTOR. CONTRACTOR TO PAINT STEEL SOME TOP LID AND RECONDITIONED DRUM W/ PUNTIONE PMS # 34332 (PER DETAIL)

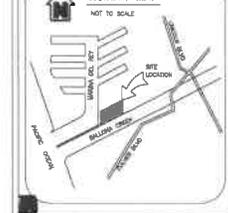
MATERIALS AND FINISH SCHEDULE

KEY	MATERIAL	COLOR	FINISH	COMMENT
P-1	DECOMPOSED GRANITE	CALIFORNIA GOLD	STABILIZED	1,420 SF
P-2	RIVER ROCK	TRD	TBD	-

LOCATION MAP (N.T.S.)



VICINITY MAP



RELM
11111 1/2th Street
Los Angeles, CA 90001
Phone: 213.873.2857



PROJECT: BALLONA CREEK REGIONAL GATEWAY
PROJECT NO.: 20140005.00
SCALE: 1" = 20'
DATE: 3-19-2018
DESIGNED BY:
DRAWN BY: RJP
CHECKED BY: SB
SHEET NO.:

L0
1 of 7 SHEETS

PRECEDENT IMAGERY



BENCH



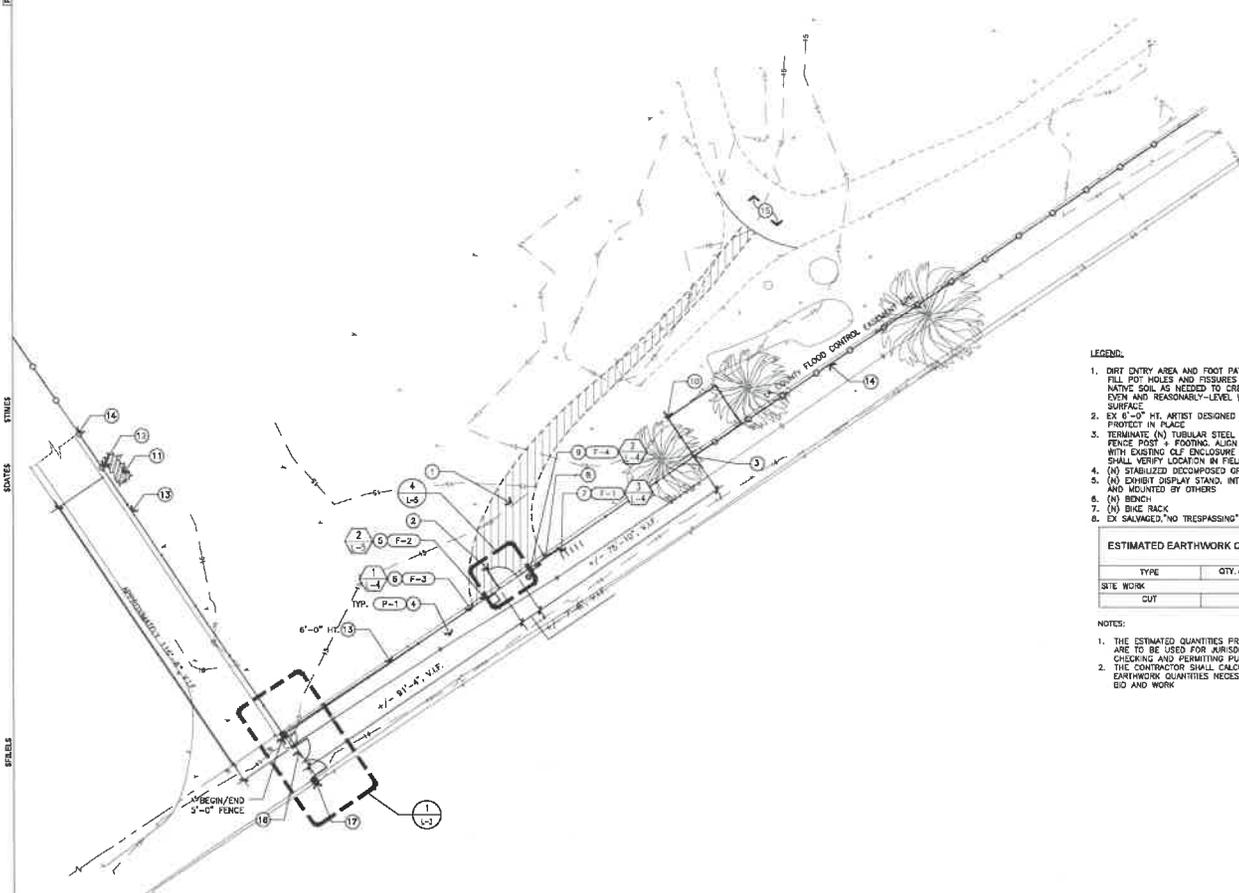
BIKE RACKS



EXHIBIT - DISPLAY STAND, INTERPRETIVE GRAPHIC PRODUCED AND MOUNTED BY OTHERS



(C) PEDESTRIAN GATE - PROTECT IN PLACE



LEGEND:

- DIRT ENTRY AREA AND FOOT PATH. FILL POT HOLES AND FISSURES WITH NATIVE SOIL AS NEEDED TO CREATE AN EVEN AND REASONABLY-LEVEL WALKING SURFACE.
- EX 6'-0" HT. ARTIST DESIGNED PEDESTRIAN GATE. PROTECT IN PLACE
- TERMINATE (N) TUBULAR STEEL FENCE AT NEW FENCE POST + FOOTING. ALIGN NEW POST WITH EXISTING G.F. ENCLOSURE POSTS. CONTRACTOR SHALL VERIFY LOCATION IN FIELD.
- (N) STABILIZED DECOMPOSED GRANITE
- (N) EXHIBIT DISPLAY STAND, INTERPRETIVE GRAPHIC PRODUCED AND MOUNTED BY OTHERS
- (N) BENCH
- (N) BIKE RACK
- EX SALVAGED, "NO TRESPASSING" SIGN. LOCATION TO BE

- VERIFIED W/ GOVERNING AGENCY AND INSTALLATION PROCEDURE. REINSTALL ON NEW TUBULAR STEEL FENCE
- (N) TRASH RECEPTACLE
 - EX CHAIN LINK FENCE TO REMAIN
 - EX SHRUB (SACCHARS)
 - TERMINATE FENCE AT NEW FENCE POST NEAR EX POST CLOSEST TO THE CENTER OF EX SHRUB (SACCHARS)
 - (N) TUBULAR STEEL FENCE
 - EX FENCE TO REMAIN
 - EX INTERPRETIVE TRAIL
 - (N) PEDESTRIAN & VEHICULAR GATE
 - (N) RIVER ROCK PLASTER

NOTES:

- CONTRACTOR SHALL COORDINATE WITH CA FISH + WILDLIFE TO ARRANGE FOR ARCHEOLOGICAL OVERSIGHT OF ALL EXCAVATION INSIDE AND OUTSIDE THE BIER.
- CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO COMMENCING WORK.
- ALL WORK SHALL MINIMIZE DISTURBANCE ON ADJACENT BALLONA WETLANDS ECOLOGICAL RESERVE.

ESTIMATED EARTHWORK QUANTITIES

TYPE	QTY. (CUBICYDS)
SITE WORK	
CUT	40

NOTES:

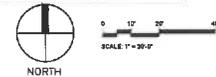
- THE ESTIMATED QUANTITIES PROVIDED ABOVE ARE TO BE USED FOR JURISDICTIONAL PLAN CHECKING AND PERMITTING PURPOSES ONLY
- THE CONTRACTOR SHALL CALCULATE HIS OWN EXHAUSTIVE QUANTITIES NECESSARY FOR HIS BID AND WORK

SITE FURNISHING SCHEDULE

KEY	DESCRIPTION	MODEL# MANUFACTURER'S MODEL NUMBER	COLOR/FINISH	MANUFACTURER	COMMENTS
F1	BIKE RACK	U/2 CLASSIC BIKE RACK	BLACK	CYCLE SAFE 846.850.8531	TO BE PURCHASED+INSTALLED BY CONTRACTOR
F2	EXHIBIT DISPLAY STAND	DOUBLE POST CANTILEVER	GREEN	OSPOWER SIGN 651.598.5095	- CONTRACTOR SHALL PURCHASE AND INSTALL DISPLAY STAND. CONTRACTOR SHALL COORDINATE WITH INSERTION OF GRADING EXHIBIT ARTWORK WITHIN THE DISPLAY STAND WITH MRCA.
F3	READING BENCH WITH BACK	HE206	DIAGREEN 38/5060	KEYSTONE JUDGE 800.284.8208	TO BE PURCHASED AND INSTALLED BY CONTRACTOR
F4	TRASH RECEPTACLE	N/A	GREEN	STAR MAINTENANCE SUPPLY 628.868/222 INDUSTRIAL CONFANER SERVICES 323.724.8507	TO BE PURCHASED AND INSTALLED BY CONTRACTOR. CONTRACTOR TO PAINT STEEL BONE TOP LID AND RECONDITIONED DRUM W/ PONTONE PMS # 3435C (PER DETAIL.)

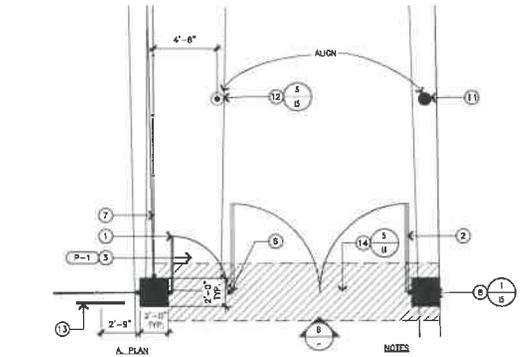
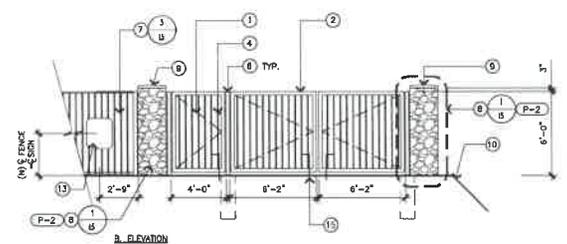
MATERIALS AND FINISH SCHEDULE

KEY	MATERIAL	COLOR	FINISH	COMMENT
P-1	DECOMPOSED GRANITE	CALIFORNIA GOLD	STABILIZED	1,420 SF
P-2	RIVER ROCK	TBD	TBD	-





PILASTER WITH RIVER ROCK VENEER AND
PRE-CAST CONCRETE PEAKED PILASTER
CAP



- LEGEND:**
- 1. (N) PEDESTRIAN GATE.
 - 2. (N) CYCULAR GATE.
 - 3. (N) STABILIZED DECOMPOSED GRANITE.
 - 4. LOCKABLE SLIDE BOLT GATES, NOT ARTIST DESIGNED, MATERIAL TO MATCH PROPOSED PERIMETER FENCE.
 - 5. 3" # GALVANIZED TUBULAR STEEL POST (BLACK).
 - 6. (N) TUBULAR STEEL FENCE.
 - 7. (N) TUBULAR STEEL FENCE.
 - 8. COLOUR: BLACK.
 - 9. PLASTER WITH RIVER ROCK VENEER.
 - 10. PRECAST CONCRETE PEAKED PILASTER CAP, BY ARROYO BUILDING MATERIALS. CONTACT INFO: 880 ARROYO ST, SAN FERNANDO, CA P#18.365.6170
 - 11. BALLONA CREEK LEVEE.
 - 12. EX. POLE-MOUNTED "BIKE PATH" SIGNS, PROTECT IN PLACE.
 - 13. SALVAGED EX "HAY" SIGN, REINFORCE ON (N) SIGN POST.
 - 14. SALVAGED EX "NO DUMPING" SIGN REINFORCE FLUSH ON (N) TUBULAR STEEL FENCE, SHOWN FOR DESIGN INTENT ONLY.
 - 15. (N) AC PAVING MECHANISM.
 - 16. SALVAGED EX "HAY" SIGN, REINFORCE ON (N) SIGN POST.
 - 17. SALVAGED EX "NO DUMPING" SIGN REINFORCE FLUSH ON (N) TUBULAR STEEL FENCE, SHOWN FOR DESIGN INTENT ONLY.
 - 18. (N) AC PAVING MECHANISM.
 - 19. REINFORCING FOOTINGS SHOWN FOR BID PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR STRUCTURAL DETAILING OF FOOTINGS AND REINFORCING.
 - 20. LOCATIONS OF ALL EX SALVAGED SIGNAGE TO BE VERIFIED W/ GOVERNING AGENCY.
 - 21. CONTRACTOR TO SUBMIT SHOP DWGS FOR APPROVAL PRIOR TO CONSTRUCTION.
 - 22. DUE TO THE ADJACENT OF AC LEVEE, CONTRACTOR SHALL COORDINATE APPROVALS OF FOOTING EXCAVATION LOCATION W/ PUBLIC AGENCIES.

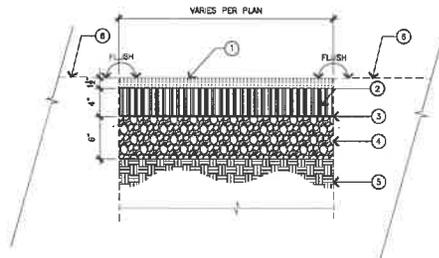
1 GATEWAY ENLARGEMENT PLAN + ELEVATION
1/4" = 1'-0"

DATE: 08/19/2016 10:58 AM

STATUS: 5/16/2016

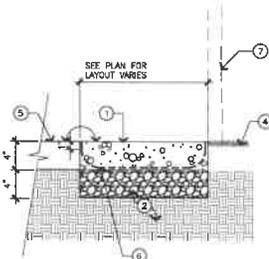
FIELD:

BY: SB



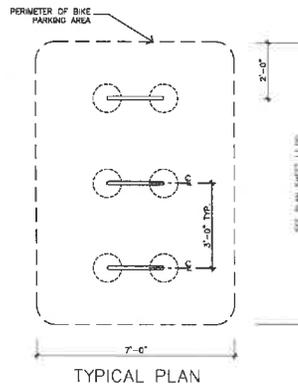
- LEGEND:**
1. (N) SURFACE COURSE
 2. (N) BASE COURSE
 3. (N) PRIME (THICK) COAT
 4. (N) AGGREGATE BASE
 5. COMPACTED SUBGRADE (R0K)
 6. EX AC PAVING

5 AC PAVING
1'-0" = 1'-0"



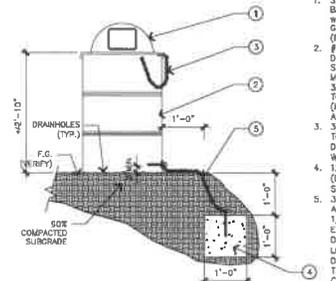
- LEGEND:**
1. STABILIZED DECOMPOSED GRANITE - SEE SPEC. SECTION XX-XXX
 2. 90% COMPACTED SUB-GRADE & SUB-BASE
 3. NOT USE
 4. DO NOT COMPACT SOIL WITHIN BALLONA WETLANDS ECOLOGICAL RESERVE
 5. EX AC BIKE PATH, JOIN FLUSH
 6. FILTER FABRIC
 7. (N) FENCE POST BEYOND

4 DECOMPOSED GRANITE PAVING
1 1/2" = 1'-0"



- NOTES:**
1. MANUFACTURER: CYCLE-SAFE
WWW.CYCLESAFE.COM
PHONE: 888.950.6531
 2. MODEL: 1/2" - BICYCLE RACK PART #12700; 1-1/2" INTERIOR DIA. SCHEDULE 40 PIPE ROLLED IN THE SHAPE OF AN INVERTED "U" TO A 24" OUTSIDE RADIUS, STANDING 30" HIGH, COATING TO BE PLASTISOL RUBBERIZED APPLYING 12-20 MILS THICK JACKET, STANDARD COLOR: BLACK TEXTURE, REGULAR GRAIN, GLOSS-SEMI GLOSS, TENSILE STRENGTH: 1800 PSI MIN. IN-GROUND (0) MOUNT. QUANTITY: PER PLANS
 3. SEAL HEX SOCKET WITH CANDLE WAX OR OILY TAPE TO PROTECT (PER MANUFACTURER'S SPECS)

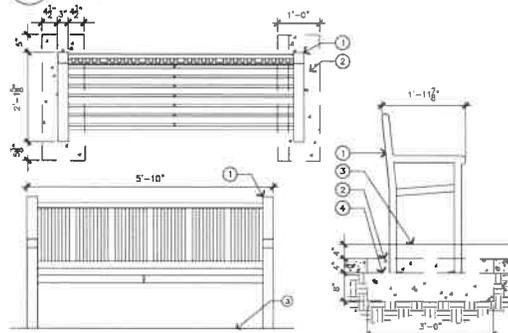
3 BIKE RACK
1/2" = 1'-0"



- LEGEND:**
1. STEEL DOME TOP LID FOR 55 GALLON BARREL BY STAR MAINTENANCE SUPPLY
WWW.STARMAINTENANCESUPPLY.COM; COLOR: GREEN - CONTACT: TIM LUCAS
(P) 826.286.1222, (F) 826.286.0453.
 2. RECONDITIONED 55 GAL. STEEL DRUM BY INDUSTRIAL CONTAINER SERVICES, 1051 UNION ST., MONTECELLO, CA 90040 (P) 323.724.6507. SECURE VIA ATTACHMENT TO CONCRETE DEADMAN; PROVIDE 3 (MIN.) DRAINHOLES AT BOTTOM TO ALLOW FOR DRAINAGE. COLOR: GREEN
 3. 3/8" GALVANIZED METAL CHAIN; ATTACH TO LIP OF DOME LID AND SIDE OF DRUM VIA CARRIAGE BOLTS (INCLUDE WASHERS ON BOTH SIDES).
 4. 12" X 12" CONCRETE FOOTING (DEADMAN) INTO UNDISTURBED SUBGRADE (90% MIN. COMPACTION)
 5. 3/8" GALVANIZED METAL CHAIN ATTACHED TO SIDE OF DRUM VIA 1 - 1/2" DIA. CARRIAGE BOLT AND EMBEDDED (8" MIN.) INTO CONCRETE DEADMAN VIA 1 - 1/2" DIA. X 8" LONG MACHINE BOLT; PROVIDE 2 - 2" DIA. METAL WASHERS (BOTH SIDES) ON TRASH CAN ATTACHMENT; OVERALL CHAIN LENGTH: +/- 3'

- NOTES:**
1. FINISH GRADE TO BE RECOMPRESSED GRANITE UNLESS OTHERWISE INDICATED BY MRCA CONTRACTOR TO VERIFY DEPTH AND ALL CONSTRUCTION SPECIFICATIONS.
 2. BOTH STEEL DRUM AND DOME TOP LID TO BE PAINTED WITH PANTONE PMS 3435C

2 TRASH RECEPTACLE
3/4" = 1'-0"



- LEGEND:**
1. BENCH PER FURN. SCHED.
 2. CONC. FOOTING
 3. F.G. - SEE PLANS
 4. MOUNTING TAB W/ 3/8" HOLES FOR ANCHORING NON-CORROSIIVE MOUNTING HARDWARE
 5. 90% COMPACTED SUBGRADE

- NOTE:**
1. INSTALL PER MANUF. RECOMMENDATIONS

1 BENCH
3/4" = 1'-0"

MRCA
Attachment
June 6, 2016
Agenda Item VI (b)



RELM
Los Angeles, CA
www.RELM.com



PROJECT: BALLONA CREEK REGIONAL GATEWAY
SHEET TITLE: DETAILS

PROJECT NO: 20140085.00
SCALE: 1" = 20'
DATE: 8-19-2016
DESIGNED BY:
DRAWN BY: RP
CHECKED BY: SB
SHEET NO:

L4
6 OF 7 SHEETS

