MRCA Attachment March 14, 2012 Agenda Item VI(j)

SYMBOLS Planting Labohs: Plant kay abbreviation Quantity at location shown Infigation Labels: Velve Callout Value Res Velve Res	Ballona Creek Trail and Bike Path Greenway Improvements					
Limit of Scope of Work; war are as more and any part.	MOUNTAINS RECREATION AND CONSERVATION AUTHORITY G- 570 WEST AVENUE 26, SUITE 100 105 ANOBELS C, A 5005 PHONE: (323) 221-3934 extension 107 FAX: (223) 221-3944 extension 107 FAX: (223) 22	102 GENERAL NOTES 101 SURVEY (for reference only) 101 - L-103 DEMOLITION PLAN 101 - L-203 SITE PLAN 100 - L-304 IRRIGATION PLAN 105 HYDROZONE PLAN	and Conservation Authority STR Ward America 25, Dato 10 La Anguia, C. Conse (23) 21-834 LANDSCAPE ARCHTECT Maurdians Recreation and Conservation Authority 30 Ward America 26, Gelar 100 Los Angues CA. Noos Laboratority SURVEYOR: Gritnes Surveying & Mapping, Inc. S249 Junitgion Line Saah			
OWNERSHIP OF DOCUMENTS Original drawlogs and other documents, as instruments of professional service, and the service of the Mountains Racreasion and Conservation Authority (MRCA), No empodudation, cooping or use he sufficient on other projects encept by written agreement of the MRCA. PROJECT INFORMATION		01 - L-403 PLANTING PLAN	Los Angules, CA 50032 (323) 225-1011 IRRIGATION CONSULTANT Jeff Hutchlins 655 N. Falsor, New, 3en Climas, CA 101773 (903) 555-456			
PROJECT LOCATION Planing bods along Ballona Check Trail and Bike Path between Inglewood Ballona Check Trail and Bike Path between Inglewood Ballona Check Trail and Bike Path located Ballona Check Trail and Bike Path located Ballona Check Path located Ballona Check Trail and Bike Path located Ballona Check Path located Path located Ballona Check Path located Path locate	AC Asphalis Concrete D/A Diameter GC Ground Cover PSI Pounds per Square Inch AC Acrea DW Down HB Hose Bib PC Poly Ving Chotele Pipe AD Area Drein DWD Drawing HP High Point R Radius AMPS Amperes E East ID Inside Clanater R/W Rodewood BC Begioning of Curve EA East ID Inside Clanater R/W Rodewood BUC Botions of Curb EC End of Curve IL Length of Curve RT Right BM Bench Mark EL Elferation LS South South South BM Bench Mark EL Elferation LS South South BM Bench Mark EL Elferation LS South South BM Bench Mark EL Elferation LS South South BM Bench Mark EL Elferation Line of Fel South South BM Bench Mark EL Elferation Line of Fel South South BM Bench Mar	KEY MAP	REVISIONS: 1.4.26.11 Revision 3.123.12 Revision 4. DATE: 12-15-2010			
PROJECT LEOSTION	DEMO Demotition GALV Galvanizos PC Point of Curvature WVO Without DET Detail GAL Galifon POB Point of Beginning WVM Woven Wire Mesh DF Douglas FIr G6 Grade Break PL Property Line WM Water Meter DRP Dwinking Fournalin GEN CO General Contractor PT Point of Tangency	Annopular Annopular Not and Action Ballond Children Not and Action Ballond Children Action Ballond Children Acti	DARWE: 12-15-2010 DRAWE: MG CHECKED: LS PROJECT: 9104-7190 SCALE: N/A TITLE SHEET G-101 1 OF 19			

Ł

1. NO EXISTING TREES SHALL BE REMOVED EXCEPT THOSE SPECIFICALLY NOTED ON DEMOLITION PLANS.

2. NO EQUIPMENT SHALL BE OPERATED OR PARKED UNDER A TREE. NO MATERIALS SHALL BE STORED WITHIN THE DRIPLINE OF AN EXISTING TREE OR LEANED AGAINST A TRUNK SOIL SHALL NOT BE STOCKPILED OR COMPACTED WITHIN THE DRIPLINE OF A TREE.

3. SOIL SURFACE WITHIN THE TREE DRIPLINE IN AREAS OF CONSTRUCTION SHALL BE PROTECTED WITH THREE INCHES OF MULCH OR WITH OVERLAPPING 0.75-INCH THICK PLYWOOD SNEETS. 4. SURFACE IRROATION SHALL NOT BE INSTALLED WITHIN THE

DRIPLINE OF A TREE EXCEPT FOR TEMPORARY IRRIGATION DESIGNED FOR PLANT ESTABLISHMENT.

IN THE EVENT THAT EARTHWORK WITHIN THE DRIPLINE OF A TREE IS REQUIRED, LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE SHALL BE PRESENT.

GENERAL NOTES

1. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS IN ACCORDANCE WITH STATE OF CALIFORNIA AND COUNTY OF LOS ANGELES REQUIREMENTS. IN CASE OF DISCREPANCY BETWEEN THESE PLANS AND THE GOVERNING AGENCY'S REQUIREMENTS, THE MOST STRINGENT REQUIREMENT WILL APPLY.

2. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL CONDITIONS PRIOR TO SUBMITTING A PROPOSAL OF COST FOR CONSTRUCTION

3. CONTRACTOR SHALL READ THESE PLANS AND NOTES COMPLETELY AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE IMMEDIATELY UPON DISCOVERY.

4. EXTRA WORK SHALL BE APPROVED IN WRITING BY THE OWNER PRIOR TO COMMENCEMENT OF WORK.

5. IT IS THE RESPONSIBILITY OF THE SUB-CONTRACTORS TO FAMILIARIZE THEMSELVES WITH ALL GRADE DIFFERENCES LOCATION OF WALLS, UTILITIES, SEWERS, WATER LINES, ETC, AND FURTHERMORE, TO COORDINATE WORK WITH OTHER SUB-CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SUFFYES UNDER PAVING ELECTRICAL CONNECTIONS WATER HOOK-UPS, ETC.

6. ALL REQUREMENTS OF THE 2010 LACEC/2007 CBC, SPPWC, AND GREENBOOK DOCUMENTS (SPPWC) SHALL APPLY TO THE WORK SPECIFIED HEREIN UNLESS OTHERWISE MODIFIED BY THESE OCCUMENTS.

7. CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED TO COMPLETE THE WORK SPECIFIED

8. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT AT 811 or 1-809-227-2509 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION.

9. CONTRACTOR SHALL NOTIFY THE OWNER 48 HOURS PRIOR TO STARTING CONSTRUCTION.

10. CONTRACTOR TO COORDINATE A PRE-CONSTRUCTION MEETING ON SITE 48 HOURS PRIOR TO START OF CONSTRUCTION, NOTIFY OWNER LANDSCAPE ARCHITECT, AND ALL SUB-CONTRACTORS.

11, CONTRACTOR TO SUBMIT REQUESTS FOR MEETINGS, OBSERVATIONS, AND APPROVALS BY THE LANOSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE AT LEAST 48 HOURS PRIOR TO THE DATE AND TIME PROPOSED.

12. OBTAIN GOVERNING AGENCY'S, INSPECTOR'S AND LANDSCAPE ARCHITECT'S REVIEW AND APPROVAL OF WORK IN PROGRESS AT VARIOUS TIMES DURING CONSTRUCTION. THE FOLLOWING REVIEWS/MEETINGS ARE MANDATORY, PROVIDE 48 HOURS NOTICE FOR EACH REQUESTED VISIT.

* PRE-IOR CONFERENCE

* CONSTRUCTION STAKING

 MAIN LINE PRESSURE TEST AND TRENCH DEPTHS PRIOR TO BACKFILL OF TRENCHES

 COVERAGE TEST UPON COMPLETION OF SPRINKLER INSTALLATION

* FINAL GRADING REVIEW

PLANT MATERIAL APPEARANCE AND QUALITY REVIEW

PLANT MATERIAL LOCATION AND MEDIUM REVIEW

- SOIL PREPARATION AND PLANTING INSTALLATION METHODS
- * FINAL WALK THROUGH (AT COMPLETION OF PLANTING INSTALLATION)

FINAL WALK THROUGH (AT COMPLETION OF MAINTENANCE PERIOD)

13 ANY GRADING RECORED UNDER EXISTING OAK AND WALNUT TREES TO BE DONE BY HAND.

DIRECT ANY QUESTIONS REGARDING THESE PLANS TO :

MOUNTAINS RECREATION AND CONSERVATION AUTHORITY 570 W. AVENUE 28. MRCA SUB DING

LOS ANGELES, CALIFORNIA 90055

ATTN: LAURA A. SALTZMAN (323) 221-9944 x185

CONSTRUCTION NOTES

1. DRAWING IS DIAGRAMMATIC. CONTRACTOR TO VERIFY ALL CONDITIONS AND LOCATIONS ON SITE PRIOR TO THE START OF CONSTRUCTION. NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY IF ANY ERRORS OR DISCREPANCIES ARE FOUND, BEFORE PROCEEDING WITH ANY WORK.

2. DO NOT SCALE DRAWINGS, USE DIMENSIONS AS INDICATED ON

3. TO NOT WILLEVELY PROCEED WITH CONSTRUCTION WHEN IT IS. OBVIOUS THAT DESTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN APPARENT DURING DESIGN. OBTAIN DIRECTION BEFORE PROCEEDING WITH CONSTRUCTION IN SUCH CASES.

IF CONDITIONS ARE ENCOUNTERED AT THE SITE WHICH ARE SUBSURFACE OR OTHERWISE CONCELLED PHYSICAL CONDITIONS WHICH DIFFER MATERIALLY FROM THOSE INDICATED IN THE PLANS, THEN CONTRACTOR SHALL PROMPTLY MOTIFY OWNER BEFORE CONDITIONS ARE DISTURBED AND IN NO EVENT LATER THAN DAYS AFTER FIRST OBSERVANCE OF THE 10 CONDITIONS

4. THE LOCATION OF ALL SERVICE RUNS, SUCH AS WATER SUPPLY, ELECTRICAL (OVERHEAD AND UNDERGROUND) TELEPHONE SANTARY SEWER, ETC. SHOULD BE ASCERTAINED BEFORE WORK IS STARTED, WHERE THEY WILL BE AFFECTED BY EXCAVATION OR WHERE MACHINES MAY BE WORKING NEARBY. THEY SHOULD BE CAREFULLY SEALED, PROTECTED, OR DIVERTED, NOTIFY LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE OF ANY CONFLICT WITH PROPOSED MOROVEMENTS

5. COORDINATE ALL UTILITY RUNS AND INSTALLATIONS (EXISTING AND NEW) PRIOR TO PAVING INSTALLATION, VERIFY ALL SLEEVES AND ELECTRIC SOURCES FOR IRRIGATION CLOCK AND LIGHTING WITH PROPER SUB-CONTRACTORS.

6. OBTAIN INSPECTION AND APPROVAL OF ALL FORMS PRIOR TO PLACING PAVING AND DECOMPOSED GRANITE ELEMENTS.

7. TRANSITIONS FROM EXISTING PAVING TO NEW PAVING SHALL BE

9. CONSTRUCT ALL WALLS, PAVING, DRAIN LINES, SLEEVING, ETC, PER PLAN AND DETAILS.

GRADIENTS TO ELIMINATE DIPS, RIDGES, ABRUPT CHANGES OF GRADE, AND SHARP TRANSITIONS.

CCJ'S AT 90* TO THE EDGE OF CONCRETE PAVING, SEE PLAN FOR

PLACING CONCRETE.

SUBGRADE AND PROVIDE SUBGRADE PREPARATIONS PER THE SOLS ENGINEER.

IS TO BE A NATURAL GREY COLOR UNLESS OTHERWISE SPECIFIED ON THESE PLANS AND DETAILS, CONCRETE TO BE HEAVY BROOM FINISH. SUBMIT SAMPLE TO OWNER AND LANDSCAPE ARCHITECT PRIOR TO LAYING OUT FORMS, INSTALL Conscrete Flatwork per recommendations of Forms. Install Conscrete Flatwork per recommendations of Soils Engineer and Soils Report. In Case of Conflict Between Soils Report and Details, the Most Stringent REQUIREMENT SHALL APPLY

REQUESTING FINAL APPROVAL, GRADE ALL AREAS WITHIN 0.5 INCH OF FINISH GRADES, NOTE AREAS OF ADDITIONAL GRADIN AND COORDINATE WITH LANDSCAPE ARCHITECT AS REQUIRED.

STRUCTURES, AS REQUIRED ON DRAWINGS AND DETAILS. BACKFILL PLANTERS WITH TOP GRADE SANDY-LOAM TOPSOL PER PLANTING NOTES.

LS110519000

DATE: 12-15-2010 DRAWN: MG CHECKED: LS PROJECT: 9104-7190 SCALE: N/A GENERAL

NOTES

REVISIONS: 2.8.12.11 Revision 3.1.23.12 Revision



Improvements Los Angeles, California

BALLONA

Greenway

CREEK TRAIL:

5 000 ICCT OC-Mountains Recreation and Conservation

Mountains Recreation and Conservation Authority

570 West Averive 25, Sulta 100 Los Angeles, CA 30055 (323) 221-8544

Mapping, Inc.

S24R Hardington Drive South Los Angeles, CA 90032 (323) 223-1511

RRIGATION CONSULTANT

Jeff Hutchins 525 N. Hadack Ave San Dimas, CA 91773 19091 599-4436

10. CONCRETE TO SLOPE FROM FOUNDATION TOWARDS DRAIN INLETS AND DRAINAGE SWALES AT A MINIMUM RATE OF 1/4" PER FOOT, INSTALL CONCRETE FORMS WITH LONG, SMOOTH

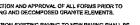
12. OBTAIN INSPECTION AND APPROVAL OF ALL FORMS PRIOR TO

Authority

570 West Avenue 26, Bulle 100 Los Angeles, CA 90068 (323) 221-\$944 LANDSCAPE ARCHITECT

Grimes Surveying &

SURVEYOR:



8. REFER TO PLANS, SPECIFICATIONS AND SHEET NOTES FOR ADDITIONAL NOTES AND INFORMATION REGARDING THE CONSTRUCTION OF THIS PROJECT.

11, UNLESS OTHERWISE INDICATED, INSTALL EXPANSION JOINTS IN CONCRETE @ MAX. 10' O.C. INSTALL CRACK CONTROL JOINTS @ MAX. 5' D.C. ZIP JOINTS WILL NOT BE ALLOWED. INSTALL EL'S AND

ADDITIONAL INFORMATION AND LOCATIONS.

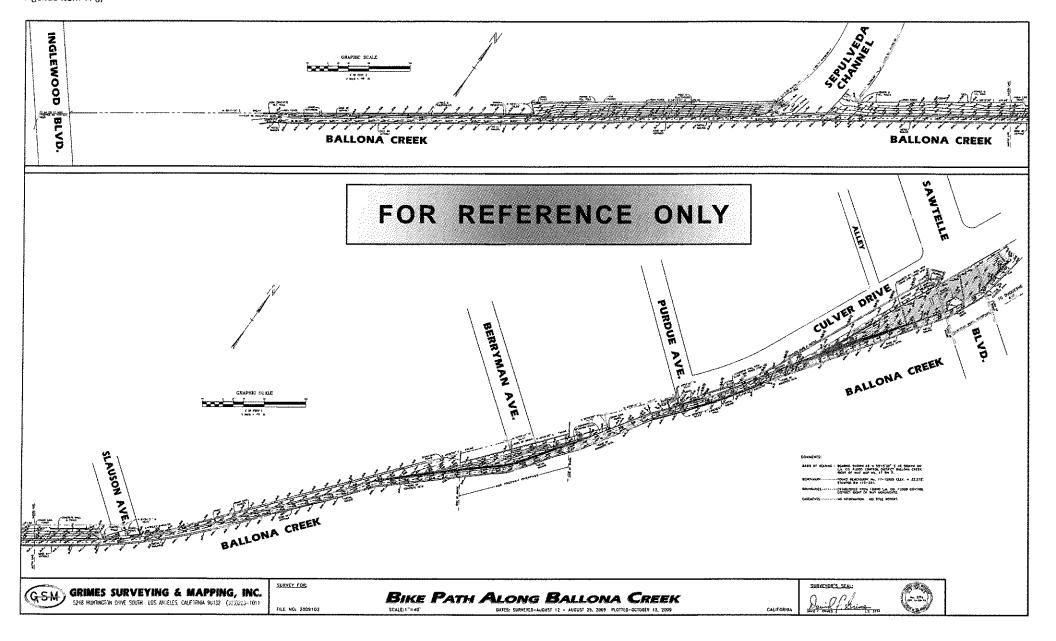
13. PRIOR TO PLACING CONCRETE, SUFFICIENTLY MOISTEN THE

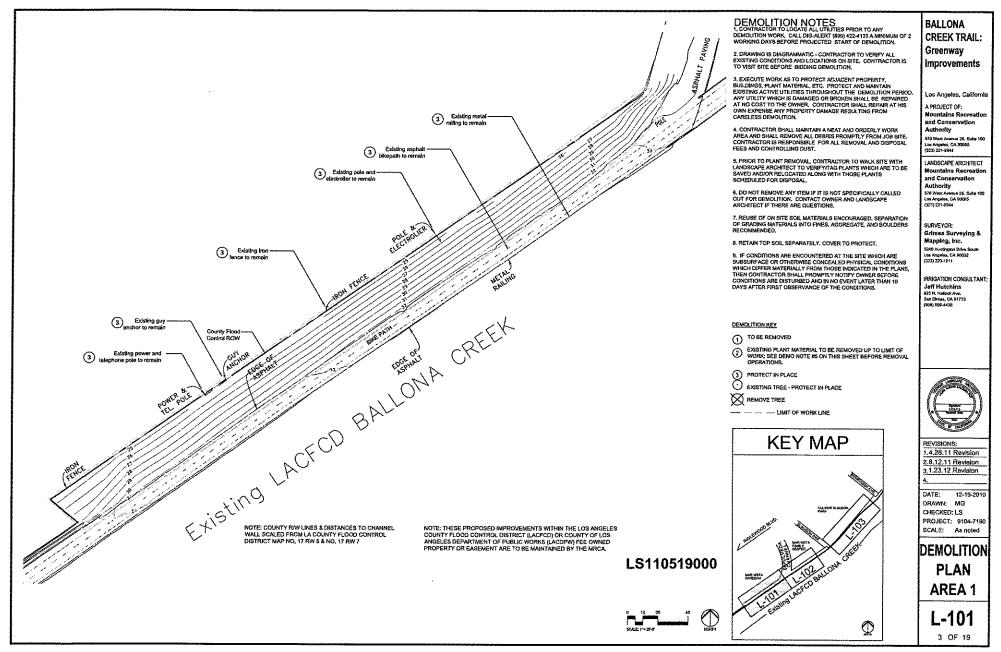
14. INSTALL TYPE II CONCRETE THAT OBTAINS A MINIMUM COMPRESSIVE STRENGTH OF 2,509 P.S.I. AT 28 DAYS. CONCRETE IS TO BE A NATURAL GREY COLOR UNLESS OTHERWISE

15. CLEAN UP AND REMOVE ALL DEBRIS FROM SITE PRIOR TO

16, BACKFILL AND COMPACT BEHIND ALL WALLS AND MASONRY





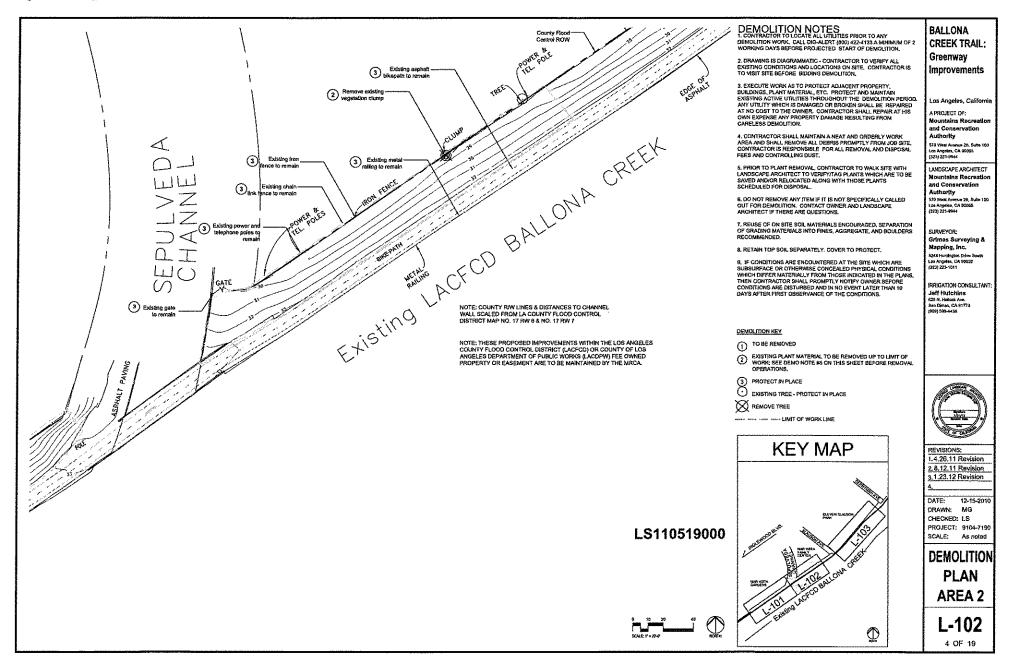


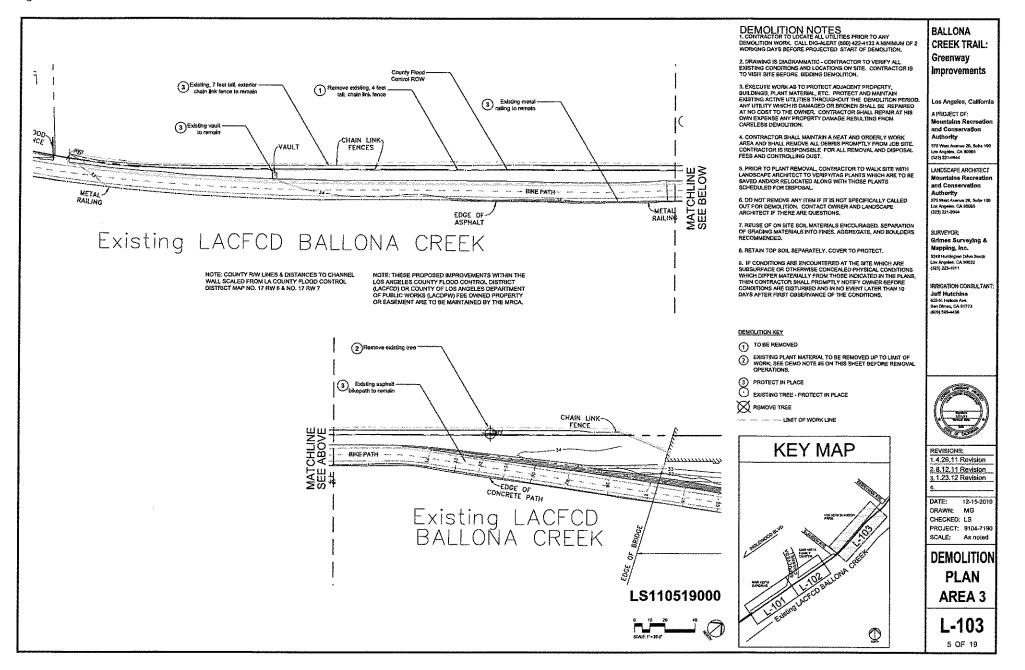
1

.

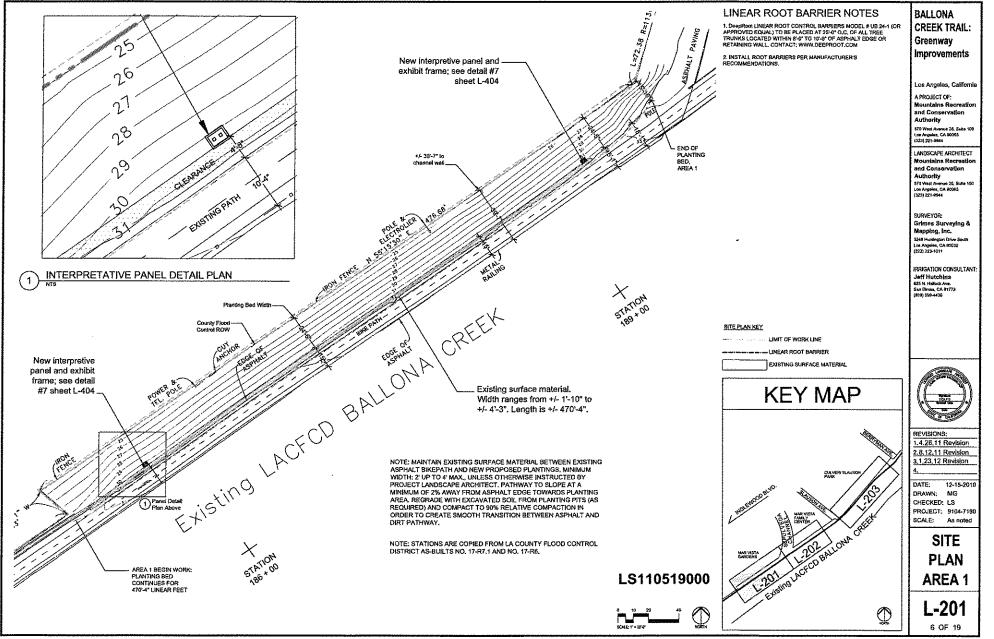
÷

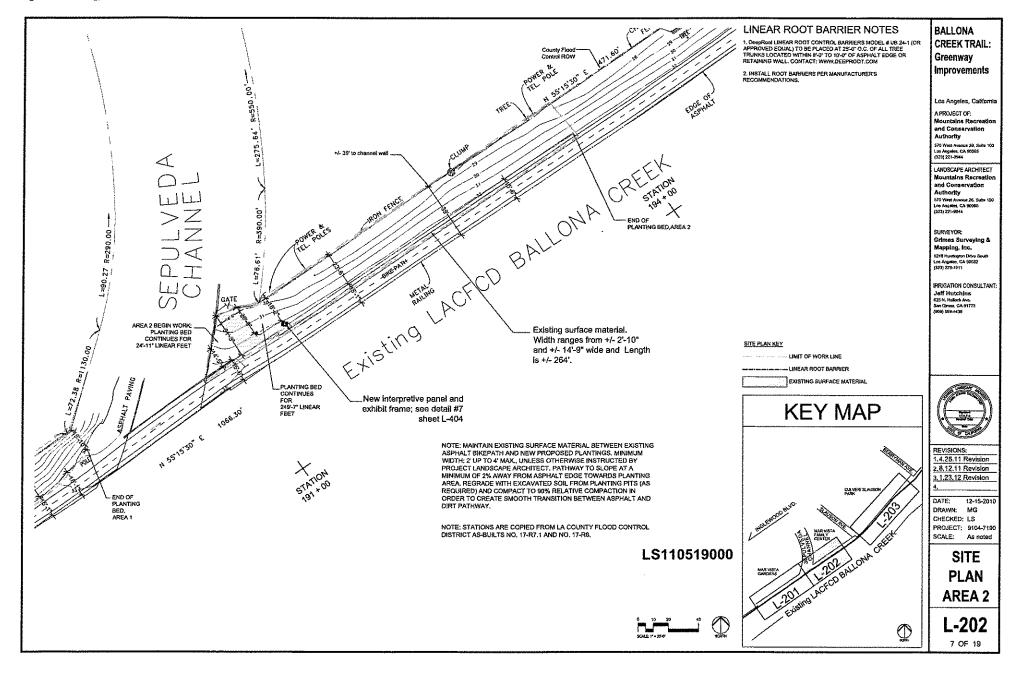
.

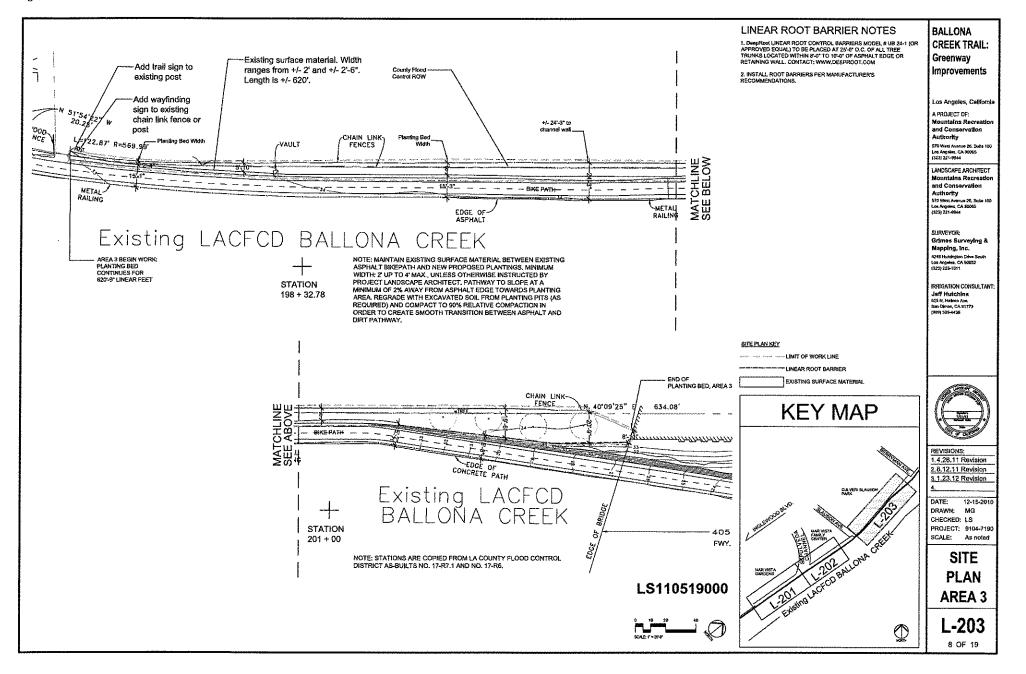




1







Г

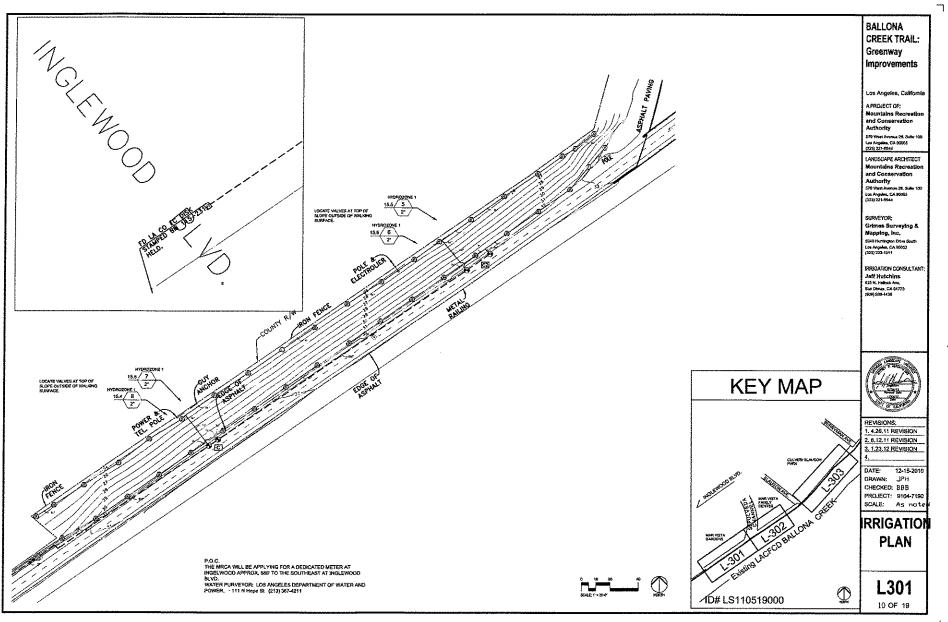
CRITICAL ANALYS	cic	IRRIGATION NOTES	IRRIGATION S	SCHEDULE			BALLONA
	////····		SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY ARC PSI GPM RADIU	S DETAIL	CREEK TRAIL:
Generaled: P.O.C. NUMBER:01	2011-09-01 19:48	1. This design is diagnamatic. All point, weins, etc. Shown within paned areas are for design clarification only. Install all components in planting areas wherever possible.	Ø	Hunter MP1000 w/ MPR40-12-CV Shrub Rotator, 12* pop-up with check valve, MP	11 Adi 40 13'	14.3.04	Greenway
Water Source Information; FLOW AVAILABLE	OWP	2. Set all waves and durik courlers act to waves or pwed subvaces. In locations with no adjusticit frame, coordinate fran location with owner.		Relator nozzla. M=Marcon adj art: 99 to 210, 1=4.ght Blue 210 to 270 mc. O=Olive 360 art, on MPR40 12* pop-up body.			Improvements
Water Meinr Stze: Fice Available:	2* 194.00 som	1. All springler heads are to have theme sinks joints (except where hored on plans).	®	Hunter MP2000 w/ MPR40-12-CV	32 Adj 40 19'	1413.04	
PRESSURE AVAILABLE Static Pressure at POC:	65.00 psi	4.00 substitutions of smaller pope sizes shall be penaltize, but substitutions of lorger sizes way be approad.		Shrub Rotator, 12" pop-up with check valve, MP Rotator nozzle. K=Black adj arc 90-210, G=Green adj arc 210-270, R=Red 360 arc, on MPR40 12" pop-up			Los Angeles, California
Elevation Change: Service Line Size:	127	a all damaged and rejected pipe shall be remained from the site at the time of the sud rejection.	_	body.			A PROJECT OF: Mountains Recreation
Length of Service Line: Pressure Available:	26.00 h 64.00 psi	6. CONTROLLER LOCATION SHOWN IS EMERAMMATIC. CETAIN FINAL LOCATION APPROVAL FROM THE LANESCAPE Architect and owner people to instruction.	æ	Hunter MP3000 w/ MPR40-12-CV Shrub Rotator, 12° pop-up with check valve, MP rotary nozzle. B=Blue adj arc 90-210, Y=Yelikw adj	35 Adj 40 30'	14,2,04	and Conservation Authority
GESIGN ANALYSIS Maximum Station Flow:	15.62 gpm	7. DONTRACTOR BHALL PROMOE AND PAY FOR BACKTON DEVICE INSPECTION. INSPECTION TO BE PERFORMED		arc 210-270, A+Gray 360 arc, on MPR40 12* popup Body.			S70 West Avenue 28, Suite 100 Los Angeles, CA 90065 C2211 221-8944
Flow Available at POC: Residual Flow Available:	104.00 gpm 88.38 gpm	by an andeletor editived by los angles count devariabit of health servers (along). The angletor extituition dall be complete and server to the water prantice, and a copy same by server to the bookness and along.	¢	Hunter MP Corner w/ MPR40-12-CV Shrub Rotator, 12* pop-up with factory installed check valve, MP Rotator nozzła. TwTurquolas adj arc	2 Adj 40 13'	11.3.64	LANDSCAPE ARCHITECT
Critical Station: Dasign Pressure:	5 40.00 psi	is before commencing may work, defan an imbercround sorace alort lo. Hander by caling		45-105, on MPR40 12' pop-up body.			Mountains Recreation and Conservation
Loss Elev, tilgh head to valve; Pipe Loss Criscal Head; Loss Fitting Factor;	-0:43 psł 2.45 psł 9:25 csi	1-800-422-4133. Allow Two (2) working gans after the Le. Namber is obsided and sefone the Excension work is statied so that utility onades can be notified.		Hunter MP Strip w/ MPR40-12-CV Shrub Rotator, 12* pop-up with factory installed check	3 LCS 40 0.22 5x15'	14,3.04	Authority \$70 West Arecus 25, Sufe 100
Luss Inoven Valve: Pressure Reg. st Critical Station	3.90 ps	9. AL SPANNEDA HEADS SHALL BE SET PEOPENDICULAR TO FINISH GRADE UNLESS OTHERWISE SPECIFICA.		valve, MP Rotator nozzle, LST+lvory left stidp, SST+Brown side strip, RST+Copper right ship, on			Los Angeles, CA 90085 (323) 221-5944
Loss for Fittings: Loss for Main Line:	0.77 pst 8.97 pst	heads simul be setback for doouch from plants so water well not be blocked by plants in the Neva future calories doessing run-oft,	ø	MPR40 12" pop-up budy,	4 RCS 40 8.22 Sx15	14.3.04	
Loss for POC to Valve Sevelion Loss for Backlow,	6.50 pal	10, illigh and adarst all sprincipii heads and valves for optimum comenane with winnar, over sprint (MTO Walks, streets, etc.	ø	Huster MP Strip w/ MPR48-12-CV Strub Rotator, 12° pop-up with factory installed check valve, MP Rotator nazzle, LST=Ivory left strip,	4 RCS 40 0.22 5'x15'	1/1.3.04	SURVEYOR: Grimes Surveying &
Loss for Maxier Valve; Loss for Waler Meler; Critical Station Pressure at POC.	0.45 psi 0,40 psi ≿ 63,05 psi	11. If is the according of the adacation contraction to be familiar with the Eastra's site		SST=Brownelds strip, RST=Copper right strip, on MPR40 12" pop-up body.			Mapping, inc. A248 Humpington Drive South
Presure Available: Presure Available: Residuel Pressure Available:	64.00 pai 0.92 pai	conditions, literies, gauge deterdaces, location of walls, etc	3	Hunter MP Strip w/ MPR40-12-CV	89 SST 40 0.44 5'x30'	14.3.04	Los Argeires, CA 99032 (323) 223-1011
P.O.C. NUMBER:02		contractors for the locaton and astallation of PPE sledics and laterals under randmats and parametric lite.		Shrub Rotator, 12" pop-up with factory installed shock valve, MP Rotator nezzle. LST=tvory left strip, SST=Brawn skie skip, RST=Copper right strip, on			IRRIGATION CONSULTANT:
Water Source Information:	DWP	12, the sprinkler system describe blaced on a viriancia depending pressure, of 67 10 p.s.l. and a success flow down of 70 6 g.p.m. the configuration simul versity where pressures prove 30		MPR40 12" pop-up body.			Jeff Hutchins 925 N, Mallock Ave.
FLOW AVAILABLE Water Maler Size;	2	odistruction, report my difference between wher pressure rockies on the drivings and the actual pressure reading at the infration point of compection to the accutect.	SYNBOL	MANUFACTURERMODELIDESCRIPTION	QTY	DETAIL	See Dimas, CA 91773 (909) 599-4438
Fice Avalable; PRESSURE AVAILABLE	120.00 gpm	13. Do not welferly metall the spendler system as shown on the dramings when it is obvices in	•	Rain Bird PEB Electric Remote Control Valvo	10	24.3.04	
State Pressure at POC: Elevation Change: Service Line Size:	84.00 psi 5.00 n 8*	THE FIELD BUT THERE ARE UNRORME OBSTRUCTURE OR CANCE INTERNESS IN THE AREA. INNERSIONE DUST THAN MOST AN UNRE EDEN CONSCILLEM THE CLAREMENAL SLOV CONSTRUCTORS INTERNOSS DISLL BE MOUDORT TO DIE ATTORNA OF DIE ANOTTOLY. HI DIE (NORT SWA THE MOTIONAL SANT GARDA, THE CONTRECTOR SANAL ASSANE THAN ASSINGUENT Y THE ANY ANT MESSIONES	¥	Niloco 7+113 Class 125 bionze gale shul off valve with wheel	2	42.3.04	
Langth of Service Line; Pressure Available; DESIGN ANALYSIS	20.00 ft 62.00 psi	14. ALL SPRINCLER EDWAYNONT HOT DIMETRINGE DETWEED DA SPECTRED SWILL BE INSTALLED AS PER Innavaritment's accommendations and spectrations.	0	Nandia, seme size as pipe diemeter Wilkins 950XL 1-1/2* Double Check Valve Assembly	1	51, 3.04	
Maximum Station Flow. Fjow Available at POC:	20.16 gpm 120.00 gpm	15. THE INTERNT OF THE RESIGN IS TO PROVATE LOCE CONTRIGE TO ALL PLANTING WEAS. AS PART OF THE SCREE OF WORK, THE CONTRACTOR WILL PROVATE ANY ADDITIONAL HEARS, SPECIAL HOZZLES, OR PARTICIPAS TO	۲	Wilkins 850XI. 2* Double Check Valve Assembly	s	54.3.04	A STREET &
Residual Firm Avidentie: Critical Station:	99.84 gpm 4	ACHENE PROMEN COMBAGE WITH A MINISMIN OF DATE SPRAY AT NO ADDITIONAL COST TO THE DIMER.	C	DIG LETT 267 Photo-voltaic ET controller	\$	6/1.3.84	(LII)
Design Pressure: Loss Elev. high head to verve: Pipe Loss Critical Head:	4.68 psi	17. PROVIDE SULEWES AS SHOWN ON DRAWING. USE 2 THES QUARTER MIN. (WAD NOT LESS THAN 2") SOL BO	62	DIG LETT 2ET Proto-writels ET controller	t	5A.3.04	. Calification
Loss Filling Facior: Loss through Valve; Pressure Req. al Orisval Station;	0.47 psl 3.90 psi ; 49.05 psl	p.v.c. why define 24" to top of line. 18. locate wave dwart in controller - reduce and dirage in plastic (as sult).	[3]	DKS LEIT 227	1	61,3.04	No and
Loss for Fittings: Loss for Main Line: Loss for FOC to Valve Elevation:	0.18 psi 2.05 psi	19. Guarante: The installed spranler stated sould be guaranted for a period of one (1) year from the gate of acceptance of the work. Should bet threadle ravied from the the specified		Photo-voltaic ET controller DIG LEIT 2ET	3	54.3.04	REVISIONS: 1, 4,26,11 REVISION
Loss for Backflow: Loss for Master Valve;	6.00 psi 0.45 psi	DUE TO ANTON OF TALE THAT ANTON OF THE PARTY AND AND AN INCOME STALL BE CONTRACTOR WITHOUT STALL BE CONTRACTOR WITHOUT DOWNERS TO THE DOWNER.	C5	Photo-voltais ET controller	1	67.3.04	2. 8.12.11 REVISION
Loss for Water Meter; Critical Station Pressure at POC; Pressure Available;	0.40 psi : 58,14 psi 52,00 psi	20. CONTRACTOR TO INSTALL LATCON, LINE CHECK VIEWS AS INTERED TO CLIMINATE LOW HEAD LEWARD,		Photo-voltaic ET controller			3. 1.23.12 REVISION
Pressure Available: Reskinal Pressure Available:	- 14,00 EX 184 p34	20. RETER TO GENERAL NOTES FOR ADDITIONAL INFORMATION REDARDING THIS SECTION OF WORK.	8	DIG LEIT 2ET Photo-voltele ET controller	1	64.3.04	DATE: 12-15-2010
VALVE SCHEDULE	PSI OF POC GPM HEAD ELEV VALVE ELEV PRECIP		æ	LETT WWS. Weather station	2	74,3,04	DRAWN: JPH
	PSI 02 PDC GPM HEAD ELEV VALVE ELEV PRECIP \$5.06 7.32 0.00 R 0.00 R 0.48 m/ 55.08 8.55 0.00 A 1.00 K 0.32 m/		2	Water Meter 2"	1		CHECKED: 898 PROJECT: 9104-7190
3 Rain Bird PEB 2* Shrub Rolary 48,22 4 Rain Bird PEB 1-1/2* Shrub Rolary 49.05	56.01 8,04 0,00 tt 1,00 tt 0,33 in/ 56.14 11,86 0,00 tt 0,90 tt 0,55 in/	7	Ø	DWP	1		SCALE: As note
6 Rain Bird PEB 2 Shoub Robery 45.07	63.08 15.53 1.00 ft 0.50 ft 0.22 in/t 62.71 15.62 1.00 ft 0.00 ft 0.22 in/t	t T	÷	Woter Meter 2* OwrP	1		IRRIGATION
 Roin Bird PEB 2" Shrub Rotary 50.59 Roin Bird PEB 2" Shrub Rotary 50.64 Rain Bird PEB 1-1/2" Shrub Rotary 45,61 	62,41 15,59 6,00 ft -7,00 ft 0,22 ind			irrigation Lateral Line: PVC Schedule 40	2,659 (.)	8/13.04	1
9 Hull Bird PE9 1-1/2* Shrub Rolary 44,55 10 Rain Bird PE9 1-1/2* Shrub Rolary 44,55			 V;	Intgation Mainfine: PVC Class 315 Im Cellout Valve Number	2,256 l.t.	84,3.04	NOTES
	· · ·		# 1)#	Valve Number Valve Fice Valve Size			
							L300
				ID#	£LS110519000		9 OF 19
							1

L

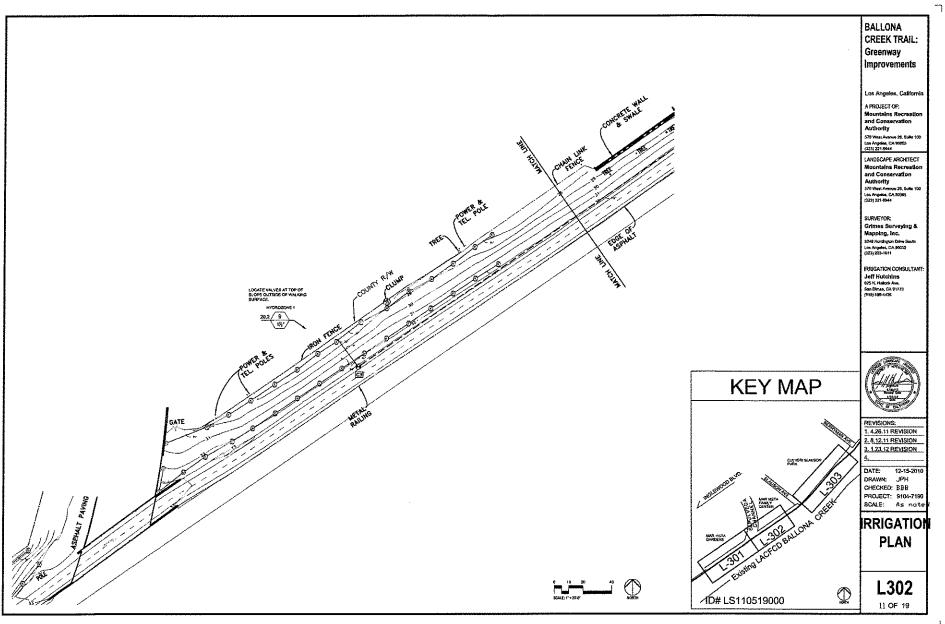
٦

٣

L



Г

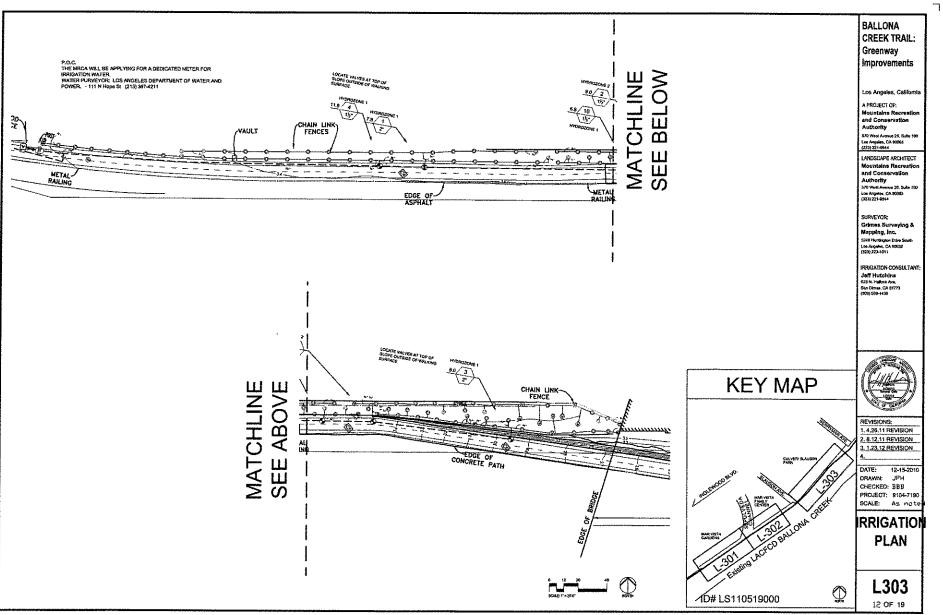


L

لــ

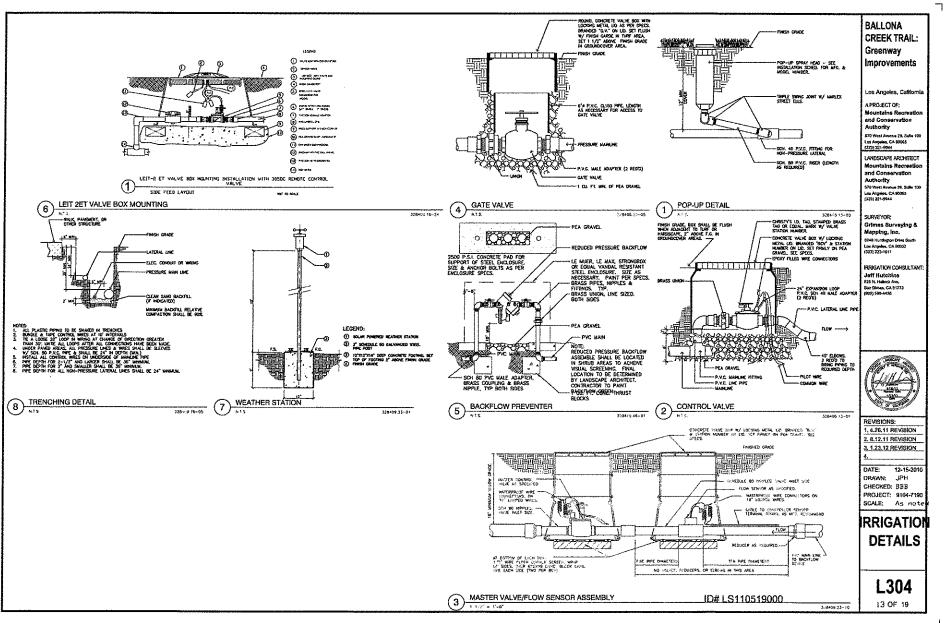


L

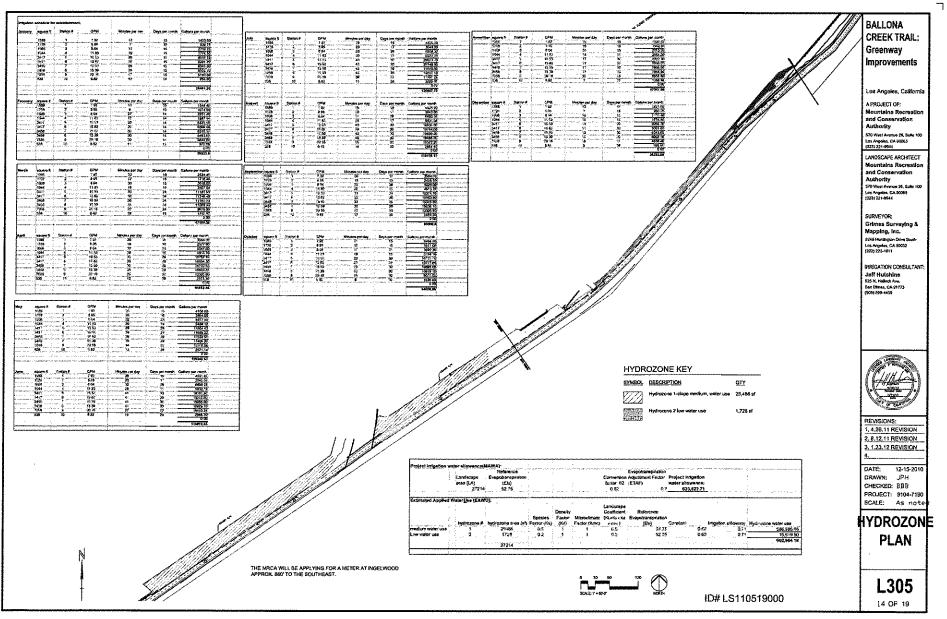


Г

L



Γ



PLANT	1					· · · · · · · · · · · · · · · · · · ·			PLANTING NOTES 1. DRAWING IS DIAGRAMMATIC: CONTRACTOR TO VERIFY ALL	SYMBOL KEY	BOTANICAL NAME/COMMON NAME
Key TREES	Сомялог Нате	Hotanical Name	Size	Spacing	Estimated Quantity	Nictor	Minimom Selbsck	Water Need: WLICOLS	I. DOMINION IS UNANDMINENT E CONTROLICATION VERITI'ALL LICCATIONS AND CONDITIONS ON SITE. COUNT ALL PLANT MATERIAL BEFORE BIDDING. 2. CONTRACTOR TO INSPECT ALL EXISTING CONDITIONS ON SITE AND LOCATE ALL EXISTING UTILITIES BEFORE CONSTRUCTION	TREES PLA	PLATANUS RACEMOSA
PLA	California Sycamore	Platanus racemona	24" bax	see płan	4	ALL MULTI-TRUNKED SPECIMENS WILL BE USED (TWO TRUNKS PER TREE MAX), PLACEMENT WILL BE IN THE FIELD UNDER THE SUPERVISION OF THE LANDSCAPE ARCHITECT	8-0° min,	Moderale	BEGINS, 3. CONTRACTOR TO REPAIR AT HIS OWN EXPENSE ALL PROPERTY DAMAGE WHICH OCCURS DURING PROJECT INSTALLATION. 4. NOTE ADDITIONAL REMARKS ON SPECIFIC PLANTS IN THE PLANT LIST.	CAR	INIALSIGRASSES CAREX PRAEGRACILISMESTERN MEADOW SEDG FESTUCA RUBRACREEPING RED FESCUE LEYMUS TRITICOIDESICREEPING WILD RYE
SHRUB8/GR	OUNDCOVER								5. FINISH GRADE TO BE 2" BELOW ALL WALKS, CURBS AND PAVING.		MUHLENBERGIA RIGENS / DEERGRASS
RIV	Catalina Perlume	Ribes viburnitairum	5 gal.	36' o.c.	68			LOW	6. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING THIS SECTION OF WORK.	SIS	SISYRINCHIUM BELLUM/BLUE EYED GRASS
SAL.	Cleveland Sage	Selvia clevalandii	5 gal.	30° a.c.	67		4'-0" to 5'-0" min.	Very Law	7, ALL PLANTING AREAS WITH LESS THAN A 2:1 SLOPE SHALL RECEIVE 3" MIN., 4" MAX, OF GORILLA HAIR MULCH AFTER INSTALLATION OF PLANT MATERIAL, HYDROSEEDED AREAS SHALL	ogge riv	RIBES VIBURNIFOLIUIM / CATALINA PERFUME
GRASSES									NOT ALLA HOR OF PLANT MATERIAL. HYDROSEDUED AND AS SHALL NOT BE MULCHED, SEE PLANT LEGEND FOR NOTES REGARDING SPECIFIC SPECIES	⊙ ^{CI} ⊙ SAL	SALVIA CLEVELANDIFCLEVELAND SAGE
мин	Deer Grass	Muhlenbergia rigans	1 gal.	4-0° a.c.	593		2'-0° min.	Läwy	8. WARRANTY: 1) SHRUBS AND GROUNDCOVER SHALL BE GROWTH AND HEALTH		
CAR	Carex praegracijis	Western Meadow Sadye	1 gal.	12° a.c.	3256			Medium	GUARANTEED BY THE INSTALLER FOR A PERIOD OF ONE YEAR OR COMPLETION OF MAINTENANCE PERIOD, WHICHEVER IS LONGER.		
F6S	Festuca rubra	Creeping Red Foscue	sod		4885 12			Med-High	TREES SHALL BE INSTALLER GUARANTEED TO LIVE AND GROW IN AN UPRIGHT POSITION FOR A PERIOD OF ONE YEAR AFTER		
LEY	Leymus triicoides	Creeping Wild Rys	1 gal.	24* n.c.	1044			Medhum	COMPLETION OF MAINTENANCE PERIOD, 2) WITHIN 15 DAYS AFTER NOTIFICATION BY THE OWNER, REMOVE AND REPLACE FAILED PLANTINGS, REPLACEMENT PLANTINGS SHALL BE GUARANTEED PER SPECIFICATIONS.		
PERRENIALS	1								9. PRIOR TO PLANT REMOVAL. CONTRACTOR TO WALK SITE WITH		
sis	Blue-Eyed Grass	Sisyrinchium beilum	1 034	12" a.c.	1631	1		Low	LANDSCAPE ARCHITECT TO VERIFY/TAG PLANTS WHICH ARE TO BE SAVED AND/OR RELOCATED ALONG WITH THOSE PLANTS		

10. JUTE ALL 2:1 SLOPES OR GREATER.

11. ALL SHRUB MASS INSTALLATIONS TO BE TRIANGULAR SPACING. SEE DETAIL SHEET L-404.

12, CONTRACTOR SHALL STAKE TREE LOCATIONS FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO PLANTING, LANDSCAPE ARCHITECT TO APPROVE ORIENTATION/FACING OF ALL TREES 24* BOX OR LARGER AT TIME OF PLANTING.

13 ALL PLANTS TO BE INSPECTED FOR PESTS, DISEASE, AND IS ALL FLATTS TO BE INSTEADED FOR FESTS, INSERSE, AND NOXIOUS WEEDS AT TIME OF DELIVERY, INFECTED PLANTS WILL NOT BE ACCEPTED, PLANT MATERIALS SHALL NOT BE ROOT-BOUND, PLANTS SHALL EXHIBIT HEALTHY GROWTH.

14. PLANTS SHALL NOT BE PLACED WITHIN 12 INCHES OF SPRINKLER HEADS,

AR CAREX PRAEGRACILIS/WESTERN MEADOW SEDGE ES FESTUCA RUBRACREEPING RED FESCUE APROJECT OF: EY LEYMUS TRITICOIDES/CREEPING WILD RYE and Conservation UH MUHLENBERGIA RIGENS / DEERGRASS Authority S SISYRINCHIUM BELLUM/BLUE EYED GRASS V RIBES VIBURNIFOLIUM / CATALINA PERFUME AL SALVIA CLEVELANDI/CLEVELAND SAGE and Conservation Authorfty 570 West Avenue 26, Sulte 102 Los Angeles, CA 90685 (323) 221-9944 SURVEYOR: Mapping, Inc. 5243 Hersington Drive South Los Angeles, CA 90032 (323) 223-7011 T L-203 FOR PLACEMENT OF Jeff Hutchins LINEAR ROOT CONTROL BARRIERS 625 N. Hollock Ave. San Dimus, CA 91773 (899) 598-1436 SEE L-400 FOR PLANTING LEGEND AND NOTES MAINTENANCE NOTES THE MAINTENANCE PERIOD SHALL INCLUDE THE FOLLOWING WORK: A DAILY OBSERVANCE OF WATERING OF ALL PLANT MATERIAL. REVISIONS; 1.4.26.11 Revision

2,8.12.11 Revision

DATE: 12-15-2010 DRAWN: MG CHECKED: LS PROJECT: 9104-7190 SCALE: As noted

PLANTING **NOTES &** LEGEND L-400

15 OF 19

CREEK TRAIL: Greenway Improvements

BALLONA

Los Angeles, California Mountains Recreation

570 West Avenue 25, Suite 100 Los Angeles, CA 90085 (323) 221-9944 LANDSCAPE ARCHITECT Mountains Recreation

Grimes Surveying &

IRRIGATION CONSULTANT

8. WEEDING AND REMOVAL OF ALL WEEDS FROM LANDSCAPED

C. REPLACEMENT OF ANY DEAD, DYING, OR DAMAGED TREES, SHRUBS, OR GROUNDCOVERS.

D. FILLING OF DEPLETED MULCH AREAS.

LIMIT OF WORK LINE

 $\langle \overline{} \rangle$

AREAS.

E. ADJUSTMENT OF SPRINKLER HEAD HEIGHT AND WATERING PATTERN.

F. WEEKLY REMOVAL OF ALL TRASH, LITTER, AND FOREIGN DEBRIS.

G. PRIOR TO END OF MAINTENANCE PERIOD, CONTRACTOR SHALL CONTACT OWNER AND ARRANGE FOR A FINAL INSPECTION.

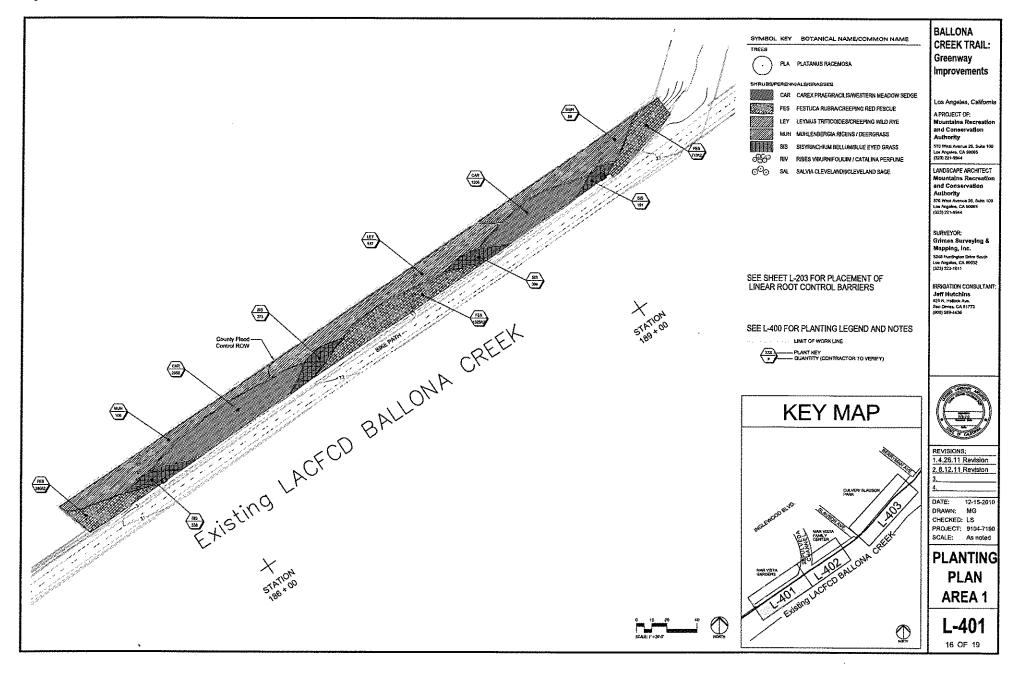
H. WITHIN 15 DAYS OF WRITTEN NOTIFICATION BY OWNER, CONTRACTOR SHALL REMOVE AND REPLACE ALL GUARANTEED FUNT MATERIALS WICH FOR AWY REASON PAUL TO MEET THE REQUIREMENTS OF THE GUARANTEE AS SPECIFIED FOR THE MATERIALS SHALL BE GUARANTEE AS SPECIFIED FOR THE ORIGINAL MATERIAL

I. DURATION OF MAINTENANCE PERIOD IS DEFINED IN THE CONTRACTOR CONTRACT WITH MRCA



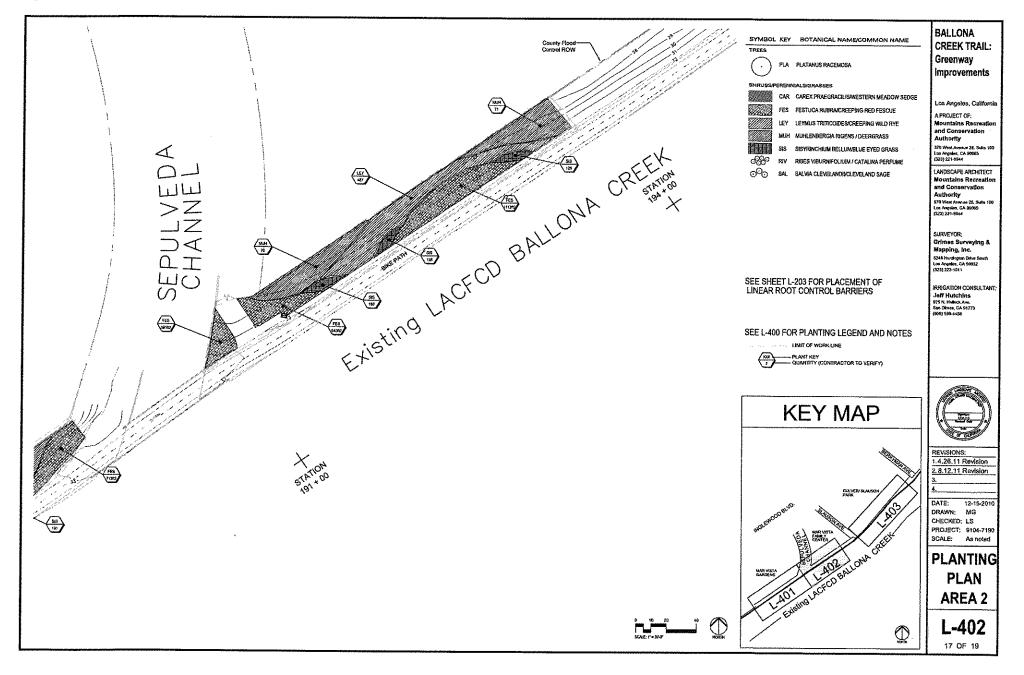
4

ŧ



1

ı



Ł

