CITY HALL/LIBRARY

NOTE: SEE SHEETS L6.00 & L6.01 FOR LEGEND AND NOTES

1 WATER METERE NEAR FRONT OF CITY HALL: SERVICE #: 51077 METER#: 1406417

DIAGRAMMATIC REPRESENTATION OF FLOW SENSOR CABLE LOCATION ONLY; LOCATE FLOW SENSOR CABLE THROUGH PLANTING BED

POINT OF CONNECTION: (E) 2" PVC MAIN LINE. SEE REFERENCE DRAWING L0.07

SEE PLANTING PLAN FOR ACTUAL VALVE, QUICK COUPLER, BALL VALVE AND BOX LOCATIONS TYP

LOCATE NEW CONTROLLER PARALLEL TO FACE OF WALL

HAND TRENCH WITHIN (E) TREE DRIP LINE TYP.

PLACE PULL BOX AT LOCATION OF PRIOR CONTROLLER, SPLICE AND EXTEND WIRES FROM (E) VALVES TO REMAIN TO NEW CONTROLLER. CONNECT COMPLETE AT NEW CONTROLLER.

HAND TRENCH WITHIN (E) TREE DRIP LINE. DO NOT ROUTE IRRIGATION MAINLINE OR CONDUIT THROUGH EXISTING TREE DRIP LINE, TYP

PROTECT AND USE (E) IRRIGATION VALVES THAT ARE CURRENTLY BEING USED FOR (E) LANDSCAPE AREAS

EXISTING MAINLINE TO REMAIN COMPLETE. RECONNECT (E) VALVES AND WIRES TO NEW CONTROLLER COMPLETE.

CORE DRILL (E) WALLS AS NEEDED. MATCH LINE DEPTH ON LOW SIDE OF WALLS PER DETAIL 7/L6.05

HAND TRENCH WITHIN (E) TREE DRIP LINE TYP

HAND TRENCH WITHIN (E) TREE DRIP LINE TYP.

SEE UTILITY PLAN FOR DRINKING FOUNTAIN AND WATER LINE

INSTALL POTABLE WATER LINE IN SAME TRENCH AS MAINLINE

SEE PLANTING PLAN FOR ACTUAL VALVE, QUICK COUPLER, BALL VALVE AND BOX LOCATIONS TYP

HAND TRENCH WITHIN (E) TREE DRIP LINE. DO NOT ROUTE IRRIGATION MAINLINE OR CONDUIT THROUGH EXISTING TREE DRIP LINE, TYP

SEE PLANTING PLAN FOR ACTUAL VALVE, QUICK COUPLER, BALL VALVE AND BOX LOCATIONS TYP

STAKE DRIP LINE TO SURFACE AND COVER WITH MULCH WHERE EXISTING ROOTS DO NOT PERMIT BURIAL TYP

DIAGRAMMATIC REPRESENTATION OF MAINLINE LOCATION ONLY; LOCATE MAINLINE THROUGH EDGE OF PLANTING BED

HAND TRENCH WITHIN (E) TREE DRIP LINES TYP

LITHO STREET

BEE STREET

CALEDONIA STREET

ELEVATION @ 100.00

24	25	26	27	1	2	12	13	14	15	23	22	21	3	20	19	18	17	16	5	6
RGP 218-E	RGP 218-E	RGP 412-E	RGP 218-E	7.75	38.25	RGP 412-E	RGP 218-E	RGP 218-E	RGP 218-E	RGP 218-E	RGP 412-E	RGP 412-E		RGP 412-E	RGP 218-E	RGP 412-E	RGP 412-E	RGP 218-E		
1" 18"	1" 18"	1" 12"	1" 18"	1"	1.5"	1" 12"	1" 18"	1" 18"	1" 18"	1" 18"	1" 12"	1" 12"	1"	1" 12"	1" 18"	1" 12"	1" 12"	1" 18"	1"	1"
2.8	0.8	0.8	0.33			7.4	4.5	2.0	1.4	0.83	15.8	3.75	6.3	13.7	1.3	15.3	7.1	0.4	4	4

CALCULATIONS BASED ON JULY 2015 EMERGENCY WATER EFFICIENCY REGULATIONS PROPOSED CHANGES TO WATER USE REGULATIONS. REFER TO HYDROZONE TABLE FOUND ON L6.01

MMWD TITLE 13 IRRIGATION EFFICIENCY ORDINANCE COMPLIANCE: I HAVE COMPLIED WITH THE CRITERIA OF THE MMWD ORDINANCE 421 AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.

811 Know what's below. Call 811 before you dig.

0 10 20 FT

NORTH

ADDENDUM 3

12/15/2015 5:09 PM

CARDUCCI & ASSOCIATES, INC.

LANDSCAPE ARCHITECTURE PLANNING
IRRIGATION DESIGN URBAN DESIGN

555 BEACH STREET, 4TH FLOOR
SAN FRANCISCO, CALIFORNIA 94133
PHONE (415) 674-0990 FAX (415) 674-0999

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LANDSCAPE ARCHITECT — CHRISTOPHER CARDUCCI — No. 2772 — 8.31.2017 — 12.15.2015 — STATE OF CALIFORNIA

seal

consultant

CITY OF SAUSALITO

owner

ROBIN SWEENY PARK

APN 064-165-012

420 LITHO STREET
SAUSALITO, CA, 94965

project

no.	description
1	PLANNING SUBMITTAL 02.01.2013
2	PLANNING SUBMITTAL 10.15.2013
3	PLANNING SUBMITTAL 07.29.2015
4	PERMIT SUBMITTAL 10.02.2015
5	ADDENDUM 3, CITY COMMENTS/1 12.15.2015

key map

date	12.15.2015
scale	AS SHOWN
project no.	COS10-01

IRRIGATION PLAN

sheet title

L6.02

sheet no.

31 OF 60

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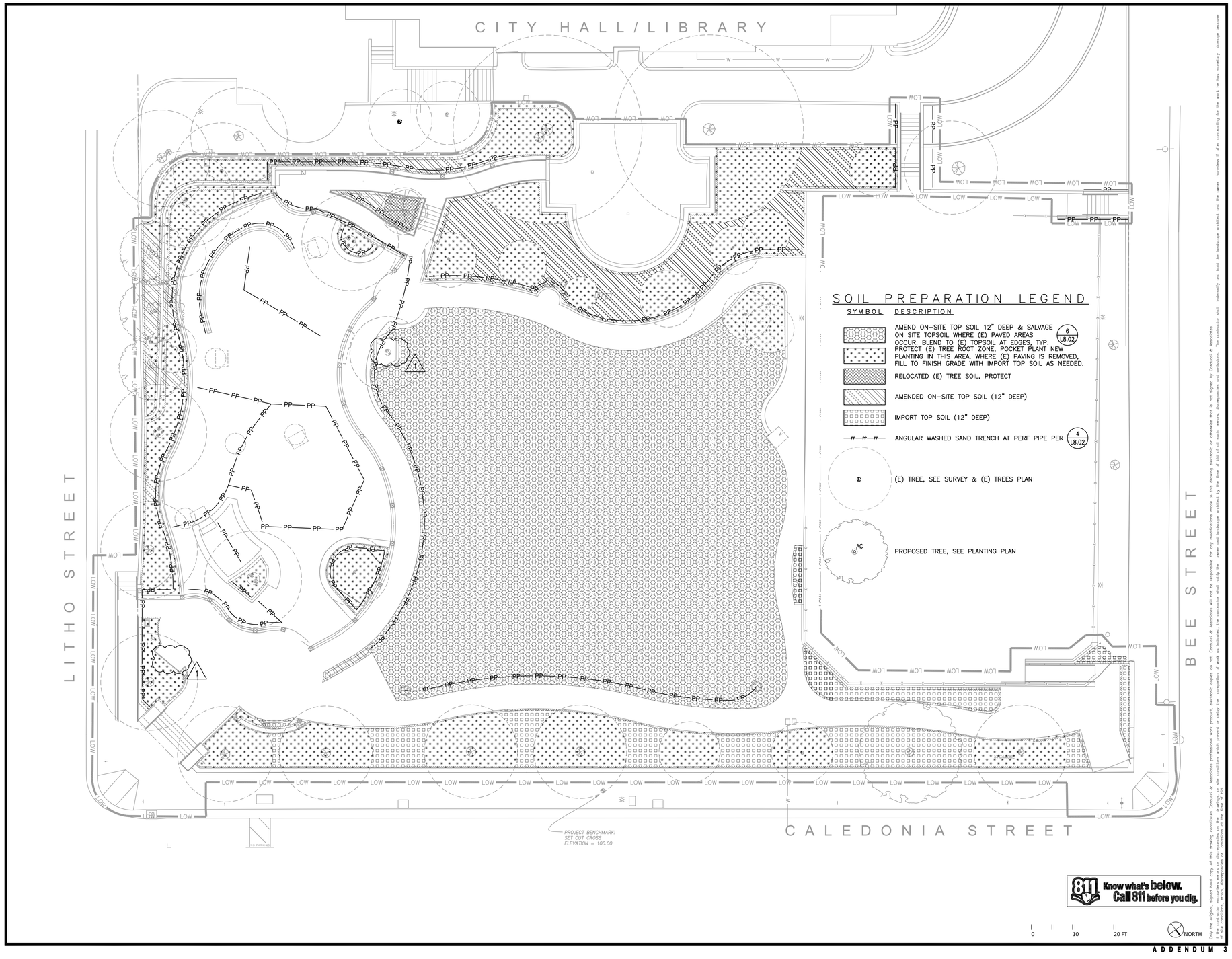

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no. description

key map

date	12.15.2015
scale	AS SHOWN
project no.	COS10-01

SOIL PREPARATION LEGEND & PLAN

sheet title

L7.00

sheet no.

PLANTING NOTES

1. PLANT MATERIAL QUANTITIES ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO ORDER.
2. SUBSTITUTIONS OF PLANT MATERIAL, SPECIES AND/OR VARIETIES ARE NOT PERMITTED.
3. SUBMIT PLANT LIST SHOWING QUANTITIES AND AVAILABILITY OF PLANT MATERIAL WITHIN 30 DAYS OF NOTICE TO PROCEED.
4. ALL PLANT MATERIAL SHALL CONFORM TO THE ANSI Z601 "STANDARD FOR NURSERY STOCK".
5. AMEND SOILS PER SOIL TEST RECOMMENDATIONS, SEE SPECIFICATIONS & SOIL PREPARATION PLAN.
6. APPLY A THREE INCH (3") LAYER OF MULCH IN ALL NON-TURF AND NON-GRASS/PLUG AREAS AND TREE/SHRUB BASINS. KEEP BARK SIX INCHES (6") AWAY FROM TREE CROWNS, EXCEPT AS NOTED ON PLAN.
7. ALL LANDSCAPED AREAS SHALL BE MAINTAINED IN A HEALTHY AND WEED-FREE CONDITION. DEAD PLANT MATERIAL SHALL BE REPLACED IMMEDIATELY. ALL TREES SHALL BE MAINTAINED AND PRUNED IN ACCORDANCE TO THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA).
8. INSTALL PLANT MATERIAL PER SPECIFICATIONS.
9. NOTIFY PROJECT MANGER 48 HOURS PRIOR TO PLANT DELIVERY. ALL PLANTS TO BE REVIEWED AND ACCEPTED PRIOR TO PLANTING.
10. ALL PLANTS LISTED ABOVE TO BE INSTALLED BY CONTRACTOR.
11. POT HOLE ALL TREE PLANTING LOCATIONS TO IDENTIFY CONFLICTS UNDERGROUND UTILITIES BEFORE TREE PLANTING.
12. WHERE POSSIBLE LOCATE TREES AT LEAST 5' FROM EDGE OF WALKS, PAVING, AND UNDERGROUND UTILITIES. ADJUST LOCATION IN FIELD AS REQUIRED AND AS APPROVED BY LANDSCAPE ARCHITECT.
13. SEE ELECTRICAL DRAWINGS AND LANDSCAPE DRAWINGS FOR APPROXIMATE LOCATION OF UTILITIES.
14. SLOPE PLANTING AREAS TO DRAIN.
15. SUBMIT PHOTOS OF TREES FOR REVIEW & INITIAL ACCEPTANCE PRIOR TO PURCHASE & DELIVERY TO SITE. INITIAL ACCEPTANCE FROM PHOTOS DOES NOT EXEMPT TREES FROM ON-SITE REVIEW & ACCEPTANCE.
16. SUPPLY PLASTIC BENTGRASS EDUCATIONAL SIGNAGE IN SPANISH & ENGLISH (SIGN TO BE PROVIDED BY SOD PRODUCER). ONE SIGN IN EACH LANGUAGE. EPOXY TO WALL WHERE IDENTIFIED IN FIELD

1

TRANSPLANTING NOTES

1. TRANSPLANTING OF TREES IN ACCORDANCE TO THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA).
2. TRANSPLANTING OF TREES TO BE CONDUCTED BY LANDSCAPE CONTRACTOR UNDER SUPERVISION OF ARBORIST.
3. ARBORIST TO INSTRUCT THE PROPER TECHNIQUES FOR ROOT TRIMMING, MOVING OF TREE AND PLANTING.
4. TREE TO BE MOVED IN A MANOR THAT IT IS LOCATED WITH THE SAME ORIENTATION TO THE SUN AS IT WAS PRIOR TO TRANSPLANTING. MEASURE TO TRUE NORTH PRIOR TO MOVING AND ORIENT IN SAME DIRECTION WHEN PLANTING
5. IF TRANSPLANTED TREE FAILS TO SURVIVE, THE TREE IS TO BE REPLACED BY NO LESS THAN A 72" BOX OF THE SAME TYPE OF TREE.

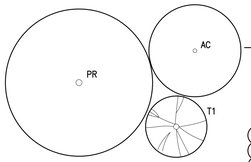
PLANTING LEGEND

SYMBOL	DESCRIPTION
▪▪▪ ○	IRRIGATION REMOTE CONTROL VALVES & QUICK COUPLER VALVES, TYP.
	NATIVE BENTGRASS SOD — 100% OF AREA: SOD W/ BROADCAST CALIFORNIA COASTAL WILDFLOWER SEED MIX SEEDING RATE: 15 LBS/ACRE
	PLATANUM TE PASPALUM (SEASHORE PASPALUM) SAND BASED SOD MIX
	MULCHED PLANT BED WHERE NO PLANTING IS SHOWN. ALL CONTAINER PLANTING SHALL RECEIVE MULCH TYPICALLY. 1" MINUS MULCH – SEE SPECIFICATIONS, DARK BROWN COLOR (5 / L8.02)

NOTE:
PLATINUM TE PASPALUM AVAILABLE FROM WEST COAST TURF (888-893-8873)
NATIVE BENTGRASS AVAILABLE FROM DELTA BLUEGRASS (800-637-8873)
CALIFORNIA BAY AREA WILDFLOWER SEED MIX AVAILABLE FROM PACIFIC COAST SEED (800-733-3462)

LEGEND

SYMBOL	DESCRIPTION
	PROPERTY LINE/PUBLIC ROW EASEMENT
LOW	LIMIT OF WORK
	(E) CONDITIONS, SEE TOPOGRAPHIC SURVEY
	ENLARGEMENT
	WORK BY CITY
	(E) TREE, PROTECT IN PLACE, TYP.



TREES

COUNT	KEY	BOTANICAL NAME	COMMON NAME	SPACING	SIZE	TRUNK	WATER USE WUCOLS 1	MATURE HEIGHT	MATURE WIDTH	NOTES
3	AC	ACER CIRCINATUM	VINE MAPLE	AS SHOWN	24" BOX	MULTI-TRUNK	M	5'-35'	--	--
1	PR	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	AS SHOWN	48" BOX	STANDARD	M	30'-80'	20'-50'	--
1	T1	REPLACEMENT PRUNUS SERRULATA	FLOWERING CHERRY	AS SHOWN	48" BOX	STANDARD	M			TREE SPECIMEN

1

SHRUBS AND GROUND COVERS

	COUNT	KEY	BOTANICALNAME	COMMONNAME	SPACING	SIZE	WATER_USE_ (WUCOLS_1)	MATUREHEIGHT	MATUREWIDTH	NOTES
Y	10	Y	ACHILLEA MILLEFOLIUM 'CALISTOGA'	WHITE YARROW	2' OC	1 GAL	L	3' STEMS	SPREADING	--
A	33	A	AQUILEGIA FORMOSA	WESTERN COLUMBINE	1'-6" OC	1 GAL	L	1.5'-3'	1.5'	--
F	64	F	ATHYRIUM FELIX-FEMINA	LADY FERN	2' OC	1 GAL	M	3'-4'	2-3'	--
C	261	C	CAREX TUMULICOLA	BERKELEY SEDGE	1'-6" OC	1 GAL	L	1'-2'	1'-2'	MAY BE COPPICED PRIOR TO GROWTH OF NEW FOLIAGE IN SPRING TO KEEP IT FRESH LOOKING
E	1	E	GARRYA ELLIPTICA 'JAMES ROOF'	COAST SILKTASSEL	7'-6" OC	5 GAL	L	5'-10'	8'-10'	--
GS	3	GS	GAULTHERIA SHALLON	SALAL	6' OC	15 GALLON	M	4-10 FT	4-10 FT	--
I	117	I	IRIS DOUGLASIANA	DOUGLAS IRIS	1'-6" OC	1 GAL	L	1'-2'	1'-2'	--
D	76	D	IRIS DOUGLASIANA 'CANYON SNOW'	CANYON SNOW DOUGLAS IRIS	1'-6" OC	1 GAL	L	1'	2'	--
J	171	J	JUNCUS PATENS 'ELK BLUE'	CALIFORNIA GRAY RUSH	1'-6" OC	1 GAL	L	2'	2'	--
MC	12	MC	MAHONIA AQUIFOLIUM 'COMPACTA'	COMPACT OREGON GRAPE	4' OC	5 GAL	M	2'-3'	5'	--
M	30	M	MIMULUS AURANTIACUS 'RUTILUS'	MONKEY FLOWER	2' OC	1 GAL	VL	4.5'	4.5'	--
R	4	R	MUHLENBERGIA RIGENS	DEER GRASS	3' OC	1 GAL	L	4'	4'	--
PM	3	PM	POLYSTICHUM MUNITUM	SWORD FERN	2'-6" OC	5 GAL	M	2'-4'	2'-4'	--
R	32	R	RHAMNUS CALIFORNICA 'MOUND SAN BRUNO'	COFFEEBERRY	4' OC	5 GAL	L	4'-6'	4'-6'	--
RM	3	RM	RHODODENDRON MACROPHYLLUM	WESTERN RHODODENDRON	6' OC	15 GAL	M	--	--	--
RO	3	RO	RHODODENDRON OCCIDENTALE 'LEONARD FRISBIE'	WESTERN AZALEA 'LEONARD FRISBIE'	6' OC	15 GAL	M	6-10 FT	6-10 FT	--
G	7	G	RIBES AUREUM	GOLDEN CURRANT	3' OC	5 GAL	L	3-6'	3'-6'	--
RG	3	RG	RIBES SANGUINEUM GLUTINOSUM	PINK WINTER CURRENT	4'-6" OC	5 GAL	L	5'-12'	5'-12'	--
RC	4	RC	ROSA CALIFORNICA	CALIFORNIA WILD ROSE	4' OC	5 GAL	L	8'	6'	--
P	14	P	SALVIA LEUCOPHYLLA	PURPLE SAGE	3' OC	1 GAL	L	3' - 5'	3' - 5'	--
S	77	S	SALVIA SPATHACEA	HUMMINGBIRD SAGE	2' OC	1 GAL	L	1'-2'	3'-4'	--
B	50	B	STACHYS BULLATA	HEDGE NETTLE	1'-6" OC	1 GAL	L	1' - 1.5'	SPREADING	--
O	2	O	VACCINIUM OVATUM	EVERGREEN HUCKLEBERRY	3' OC	5 GAL	M	2'-3' SUN, 8'-10' SHADE	2'-3' SUN, 8'-10' SHADE	--
W	24	W	WOODWARDIA FIMBRIATA	GIANT CHAIN FERN	3'-0" OC	5 GAL	M	4'-5'	3'	--
Z	28	Z	ZAUSCHNERIA CALIFORNICA	CALIFORNIA FUSCHIA	2' OC	1 GAL	L	2'-3'	2'-3'	--

VINES

	COUNT	KEY	BOTANICAL NAME	COMMON NAME	SPACING	SIZE	WATER USE WUCOLS 1	MATUREHEIGHT	MATUREWIDTH	NOTES
L	3	L	CLEMATIS LIGUSTICIFOLIA	CLEMATIS	AS SHOWN	5 GAL	M	20'	--	TRAIN TO WALL
H	8	H	PARTHENOCISSUS 'HACIENDA CREEPER'	RANCHO VIEJO CREEPER	AS SHOWN	15 GAL	M	--	--	TRAIN TO WALL
T	2	T	TRACHELOSPERMUM JASMINOIDES	STAR JASMINE	AS SHOWN	5 GAL	M	20'-30'	--	TRAIN TO FENCE

MMWD TITLE 13 IRRIGATION EFFICIENCY ORDINANCE COMPLIANCE: I HAVE COMPLIED WITH THE CRITERIA OF THE MMWD ORDINANCE 421 AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

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LANDSCAPE ARCHITECT — 2529 — 8.31.2017 — 12.15.2015 — STATE OF CALIFORNIA

seal

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CITY OF SAUSALITO

owner

ROBIN SWEENY PARK

APN 064-165-012

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5 ADDENDUM 3, CITY COMMENTS (1) 12.15.2015

no. description

key map

date	12.15.2015
scale	AS SHOWN
project no.	COS10-01

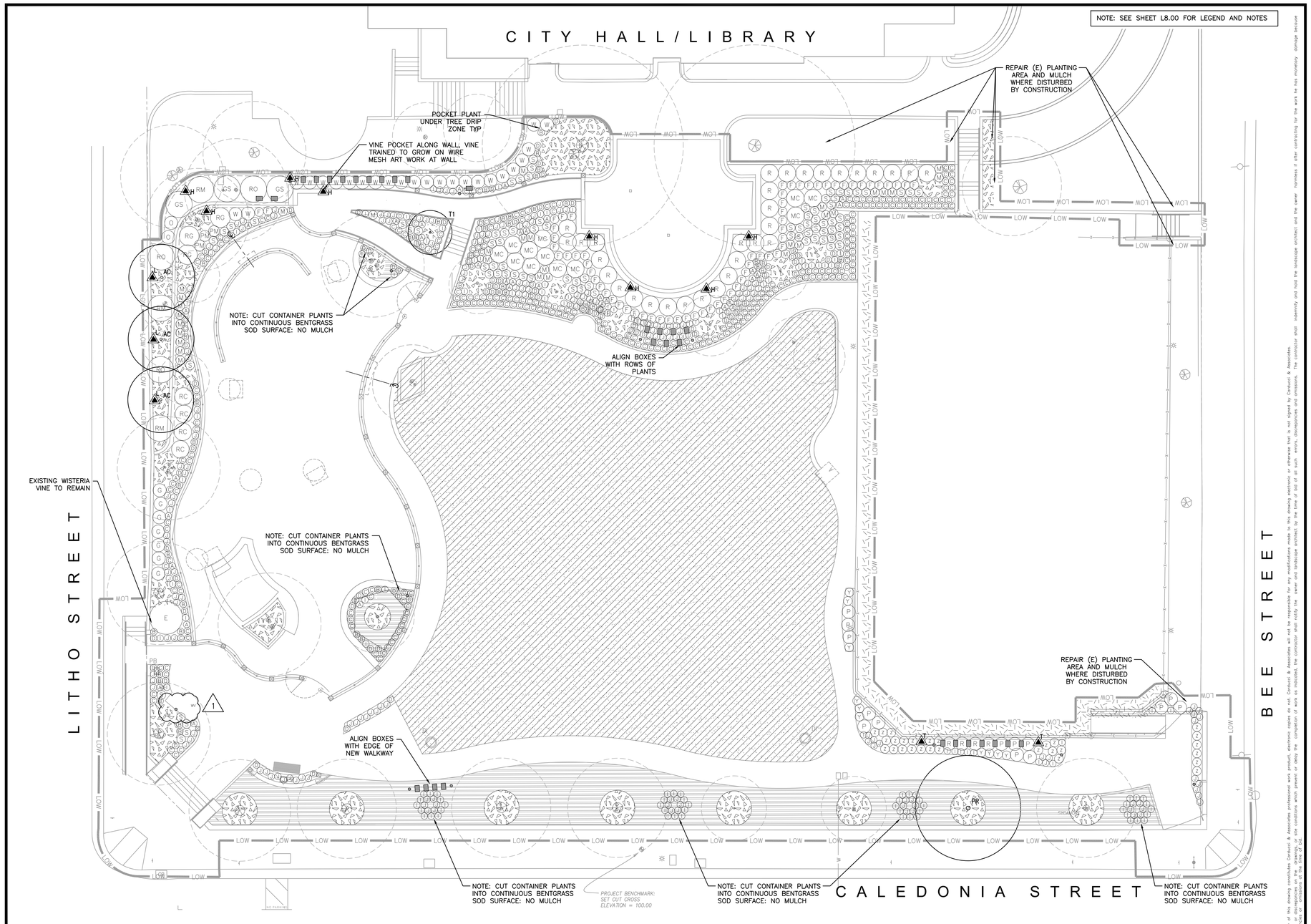
PLANTING LEGEND & NOTES

sheet title

L8.00

sheet no.

12/15/2015 5:10 PM



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Know what's below. Call 811 before you dig.

0 10 20 FT NORTH

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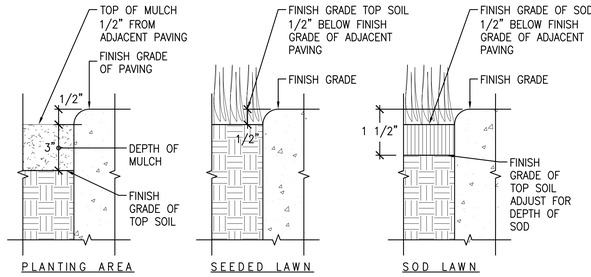
PLANTING PLAN

sheet title

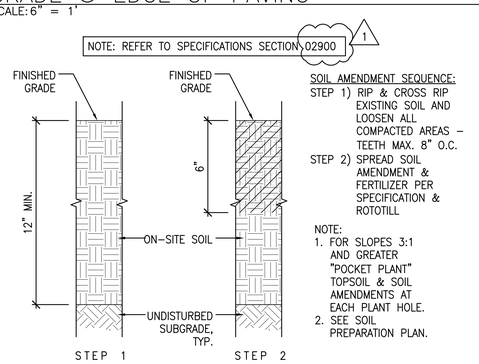
L8.01

sheet no.



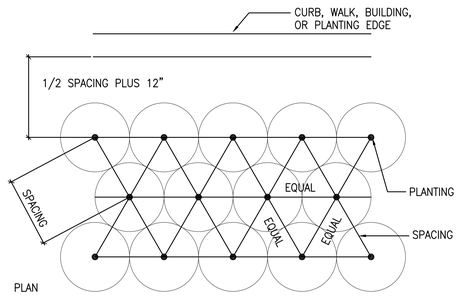
NOTE:
1. FINISH ELEVATION IS MEASURED AFTER SOIL PREPARATION AND FIRMING OF SOIL BY WETTING FROM IRRIGATION SYSTEM TO MINIMIZE FUTURE SETTLING
2. IN MULCHED AREAS WHERE SOIL IS LOW RELATIVE TO EDGE OF PAVING BY NECESSITY OF GRADING, PROVIDE ADDITIONAL MULCH TO MINIMIZE DROP-OFF CONDITION WITHIN 24" OF EDGE OF PAVING.

5 GRADE @ EDGE OF PAVING
SCALE: 6" = 1'

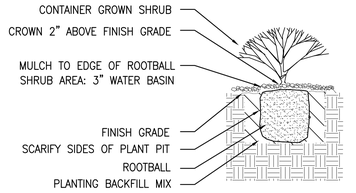


SOIL AMENDMENT SEQUENCE:
STEP 1) RIP & CROSS RIP EXISTING SOIL AND LOOSEN ALL COMPACTED AREAS – TEETH MAX. 8" O.C.
STEP 2) SPREAD SOIL AMENDMENT & FERTILIZER PER SPECIFICATION & ROTOTILL

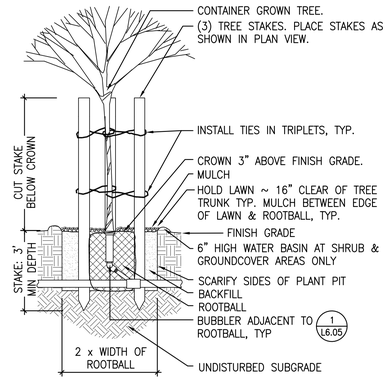
NOTE:
1. FOR SLOPES 3:1 AND GREATER "POCKET PLANT" TOPSOIL & SOIL AMENDMENTS AT EACH PLANT HOLE.
2. SEE SOIL PREPARATION PLAN.



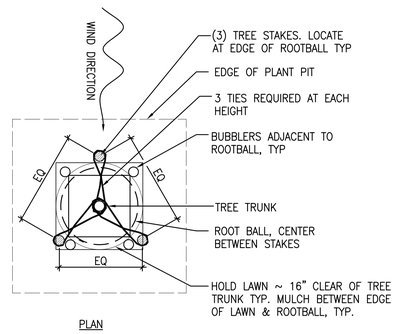
2 GROUNDCOVER
SCALE: 3/4" = 1'



1 SHRUB PLANTING
SCALE: 1" = 1'

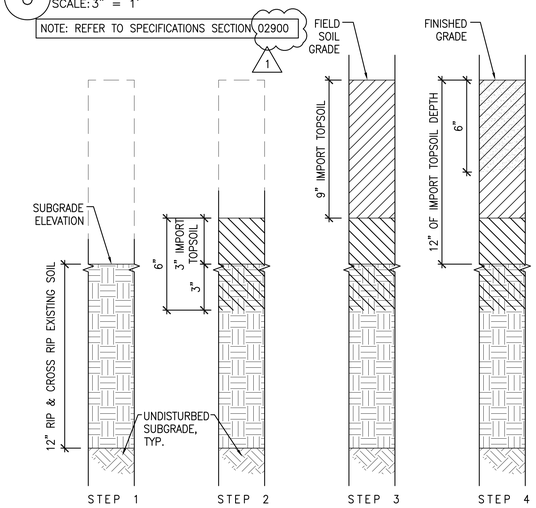


NOTE:
TREES NOT IN WIDE HOLES WILL BE REPLANTED. FILL PLANTING HOLE WITH WATER PRIOR TO PLANTING.



PLAN

6 SOIL AMENDMENT ON-SITE
SCALE: 3" = 1'

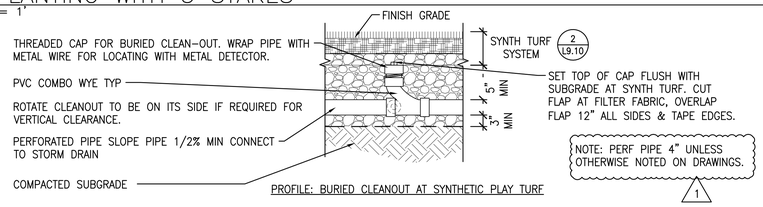


SOIL AMENDMENT SEQUENCE:
STEP 1) RIP & CROSS RIP EXISTING SOIL 12" DEEP AND LOOSEN ALL COMPACTED ARES TEETH MAX. 8" O.C.
STEP 2) PLACE 3" LAYER OF IMPORT TOPSOIL AND ROTOTILL INTO THE EXISTING SOIL 6" DEEP TO BREAK SOIL INTERFACE.
STEP 3) SPREAD 9" OF TOPSOIL.
STEP 4) PLACE SOIL AMENDMENT & FERTILIZER PER SPECIFICATION AND ROTOTILL 6" DEEP.

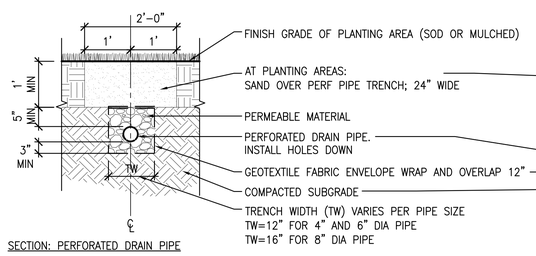
NOTE:
1. ROTOTILL ALL 3 PASSES TO 6" MIN. DEPTH.
2. FOR SLOPES 3:1 AND GREATER "POCKET PLANT" TOPSOIL & SOIL AMENDMENTS AT EACH PLANT HOLE.
3. SEE SOIL PREPARATION PLAN.

7 SOIL AMENDMENT IMPORT
SCALE: 3" = 1'

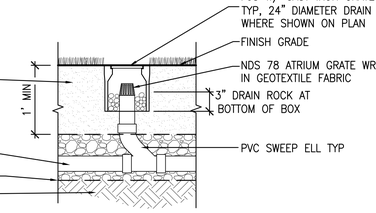
3 TREE PLANTING WITH 3 STAKES
SCALE: 1/2" = 1'



PROFILE: BURIED CLEANOUT AT SYNTHETIC PLAY TURF



SECTION: PERFORATED DRAIN PIPE



PROFILE: PERFORATED DRAIN PIPE AND CLEANOUT AT PLANTING AREA

NOTE FOR ALL BURIED SECTIONS:
1. RECORD LOCATIONS OF CLEAN OUTS BY TRIANGULATED DIMENSIONS ON AS-BUILTS AND MARK TOP EDGE OF NEAREST PAVING PERPENDICULAR TO CLEAN OUT WITH 1" H NEATLY STAMPED LETTERS "CO▶" (ARROW MARKS DIRECTION TO CLEAN OUT).

4 PERFORATED DRAIN PIPE
SCALE: 3/4" = 1'

ADDENDUM 3

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no. description

key map

date	12.15.2015
scale	AS SHOWN
project no.	COS10-01

PLANTING DETAILS
sheet title

L8.02
sheet no.

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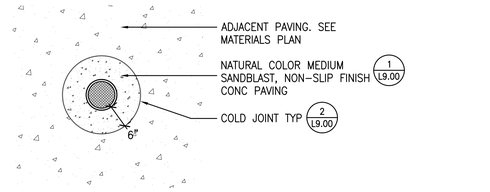
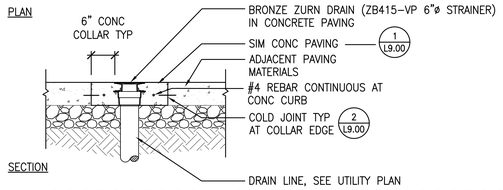
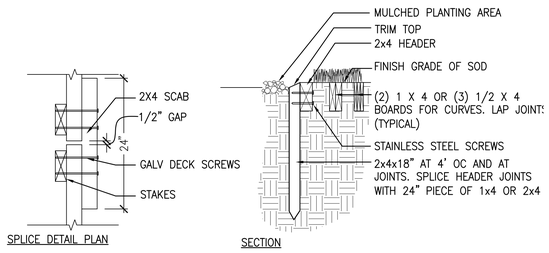




NOTE:
THE GRATE SHALL HAVE OPENINGS LESS THAN 1/2" IN THE DIRECTION OF THE PATH OF TRAVEL.

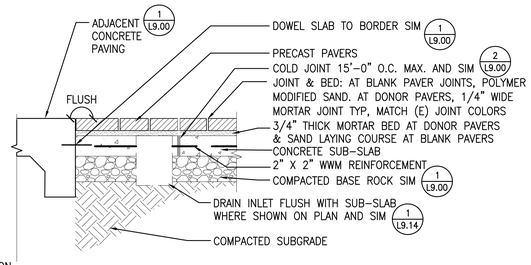
1

6 AREA DRAIN AT PAVING
SCALE: 3/4" = 1'



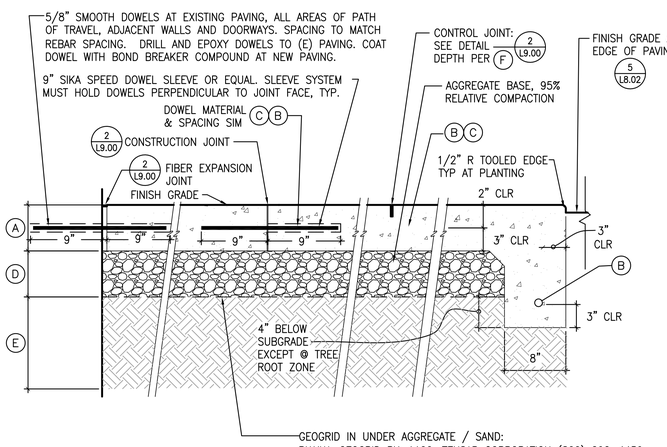
NOTES:
1. SEE MATERIAL PLAN FOR LOCATION.
2. LUMBER SHALL BE PLASTIC LUMBER, TYP. COLOR: CEDAR OR EQUIVALENT. SUBMIT MATERIAL SAMPLE FOR REVIEW & ACCEPTANCE.

3 TREX HEADER
SCALE: 1 1/2" = 1'



NOTES:
1. PROVIDE MOCKUP ON SITE FOR REVIEW & ACCEPTANCE
2. INSTALL PAVERS FLUSH WITH EACH OTHER AND ADJACENT SURFACES TYP
3. SLOPE TO DRAIN TYP; SEE GRADING PLAN.
4. CONCRETE BAND FINISH: MED. SANDBLAST FINISH, NATURAL COLOR TYP.
5. JOINT SAND FOR BLANK PAVERS SHALL BE POLYMER-MODIFIED JOINT SAND.
6. SUBDRAINS FLUSH WTH CONC. SUB-SLAB WHERE SHOWN, SEE GRADING AND DRAINAGE PLANS. DRAINS SIM
1 L9.14

4 PAVERS - SAND AND MORTAR SET
SCALE: 1" = 1'



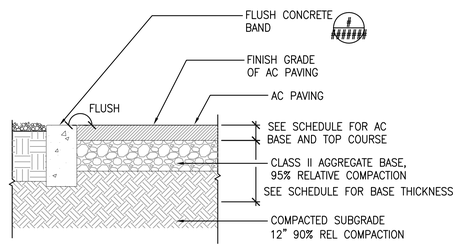
NOTES:
1. NON-SLIP FINISH TYP. SEE PLANS FOR COLOR & FINISH TYPE.
2. PROVIDE ON-SITE MOCKUP OF EACH CONCRETE COLOR AND FINISH FOR REVIEW AND ACCEPTANCE.
3. CONTROL JOINTS SHALL BE PLACED A MAX OF 5' OC OR AS SHOWN ON PLANS. CONSTRUCTION JOINTS SHALL BE MAX 20' OC TYP, UNLESS OTHERWISE NOTED. EXPANSION JOINT LOCATIONS SHOWN ON PLAN.
4. 1.9% MAX CROSS SLOPE IN ALL AREAS WITHIN PATH OF TRAVEL. IF FIELD CONDITIONS CREATE MORE THAN 1.9% CROSS SLOPE DO NOT POUR CONCRETE WITHOUT APPROVAL BY IOR.
5. AT SYNTHETIC TURF, SIM DETAIL. 5 L9.00

		CONCRETE PAVING	PEDESTRIAN PAVING IN TREE ROOT ZONES
A	CONC. THICKNESS	4"	4"
B	REBAR	NONE	NONE
C	REBAR SPACING	--	--
D	COMPACTED CLASS II AGG. BASE	2"	2" SAND MIN*
E	COMPACTED SUBGRADE	12" DEPTH	FIRM & UNYIELDING
F	CONTROL JOINT DEPTH	1.0"	1.0"

* NO AGGREGATE BASE ROCK IN ROOT ZONES; PLACE SAND INSTEAD TO THE DEPTH INDICATED. IF EXISTING SOIL ELEVATION DOES NOT ACCOMMODATE FULL SAND DEPTH, NOTE LOCATION OF THE PAVING AFFECTED ON AS-BUILT DRAWINGS AND PLACE 4" CONCRETE DIRECTLY ON UN-DISTURBED SUBGRADE.

1 CONCRETE PAVING
SCALE: 1 1/2" = 1'

1



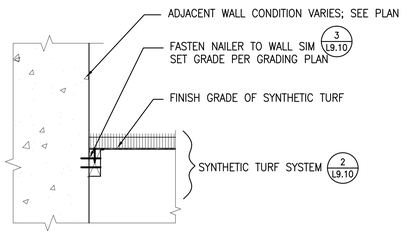
AC PAVING SECTION

NOTES:
1. PROVIDE MOCK UP FOR APPROVAL
2. NATURAL AC COLOR
3. PLACE AC PAVING FLUSH WITH ADJACENT PAVING TYP
4. HEADER HARDWARE TO BE HOT DIP GALVANIZED STEEL TYP
5. CONTRACTORS OPTION: PLACE AC IN SINGLE LIFT

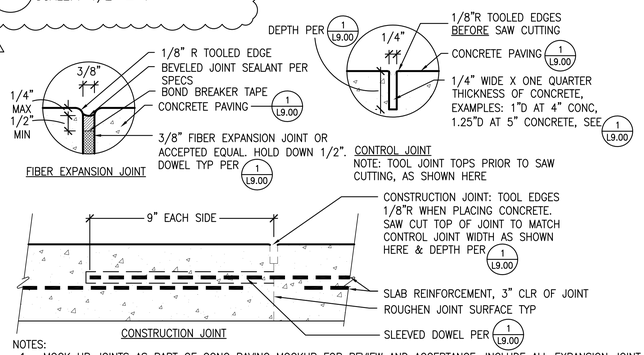
PAVEMENT SECTION SCHEDULE	AGGREGATE BASE	AC BASE COURSE	AC TOP COURSE
ASPHALT PAVING	6"	1.5"	1" MIN

1

7 AC PAVING
SCALE: 1" = 1'



5 SYNTHETIC TURF AT CONCRETE WALL
SCALE: 1 1/2" = 1'



NOTES:
1. MOCK UP JOINTS AS PART OF CONC PAVING MOCKUP FOR REVIEW AND ACCEPTANCE, INCLUDE ALL EXPANSION JOINT SEALANT COLORS REQUIRED.
2. SAW CUT WITHIN 48 HOURS OF PLACING CONCRETE, PROCEED AS SOON AS CONCRETE IS FIRM ENOUGH TO PREVENT DEFORMATION AND RAVELING TYP.
3. EXPANSION JOINT SEALANT COLOR SHALL BE SELECTED TO MATCH ADJACENT CONCRETE COLOR. USE 2-PART SEALANT WITH ADDITIVE COLOR PACKS AS REQUIRED TO MATCH PAVING COLOR. WHERE CONCRETE OF DIFFERENT COLORS ABUT THE SAME EXPANSION JOINT, PROVIDE MOCKUPS OF JOINT SEALANT COLORS MATCHING EACH OF THE PAVING COLORS FOR REVIEW AND SELECTION.

2 CONCRETE PAVING JOINTS
SCALE: 6" = 1'

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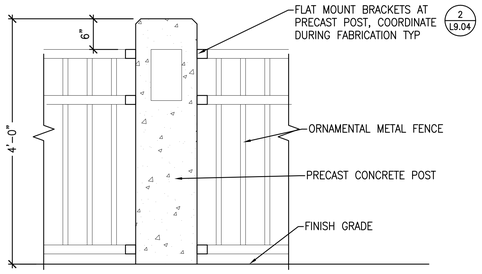
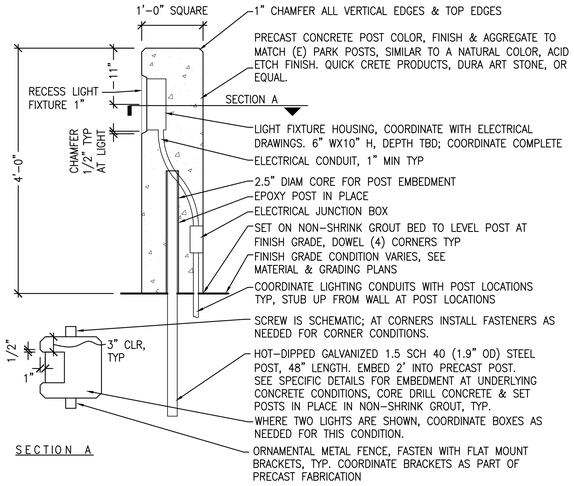
sheet no.



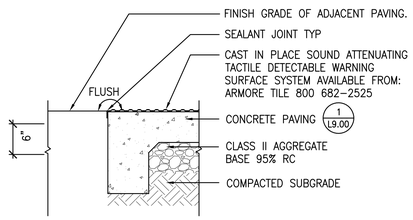
ELEVATION



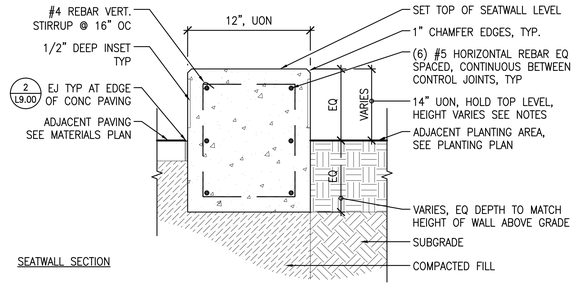
SECTION A

NOTES:
1. COORDINATE FABRICATION OF POSTS WITH LIGHT FIXTURE HOUSING, FASTENING, AND CONDUITS, AND ORNAMENTAL METAL FENCE FASTENINGS, TYP.
2. SUBMIT SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE.
3. SUBMIT COLOR AND FINISH SAMPLES FOR REVIEW AND ACCEPTANCE, TYP.
4. WHERE NOT AT A WALL, PROVIDE DEEP POST EMBEDMENT PER DETAIL 2 L9.07
5. PROVIDE FULLSIZE, COMPLETE ON-SITE MOCKUP POST FOR REVIEW & ACCEPTANCE.

6 PRECAST CONCRETE POST
SCALE: 1" = 1'

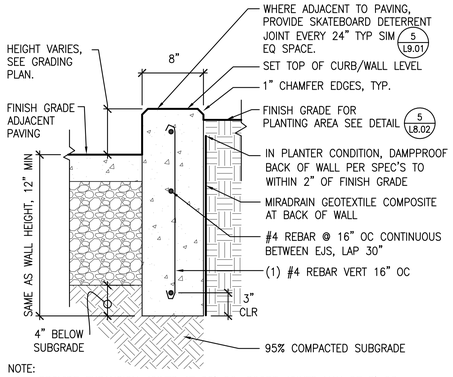


SECTION



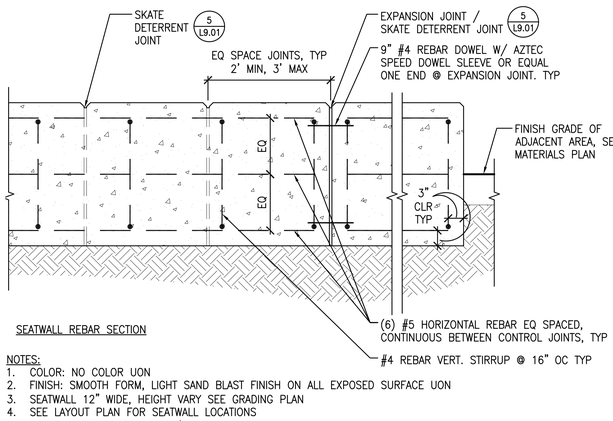
SEATWALL SECTION

3 TRUNCATED DOMES
SCALE: 1" = 1'



NOTE:
1. PROVIDE EXPANSION JOINTS AT 20' OC, SCORE JOINTS MAX OF 5' OC
2. PROVIDE ON SITE MOCK UP FOR REVIEW AND ACCEPTANCE

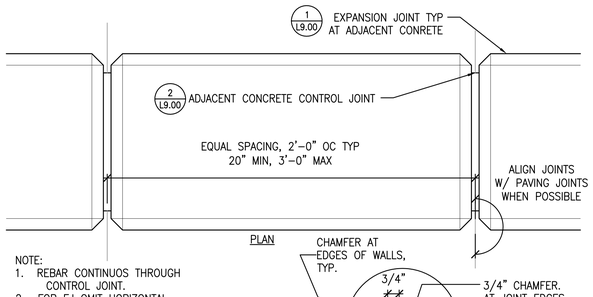
4 DEEPENED CONCRETE CURB
SCALE: 1 1/2" = 1'



SEATWALL REBAR SECTION

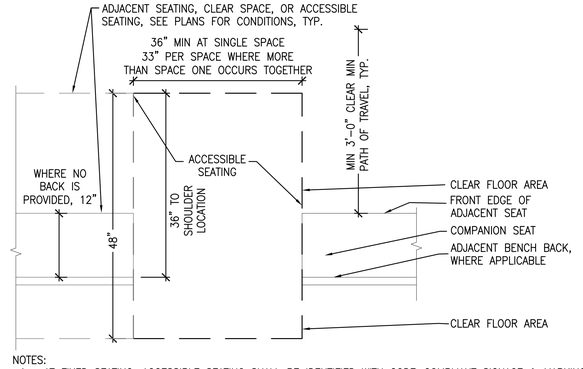
NOTES:
1. COLOR: NO COLOR UON
2. FINISH: SMOOTH FORM, LIGHT SAND BLAST FINISH ON ALL EXPOSED SURFACE UON
3. SEATWALL 12" WIDE, HEIGHT VARY SEE GRADING PLAN
4. SEE LAYOUT PLAN FOR SEATWALL LOCATIONS
5. FOR WALLS LONGER THAN 20' DIVIDE INTO EQUAL PORTIONS WITH A COLD JOINT. USE JOINTS SHOWN ON PLAN AS DIVIDING POINT
6. CONTRACTOR TO PROVIDE FULL-SIZE (8'-0" LONG) MOCK-UP ONSITE FOR REVIEW AND ACCEPTANCE BY LANDSCAPE ARCHITECT, INCLUDE ALL JOINT TYPES AND SEALANT COLOR TO MATCH CONCRETE COLOR

1 CONCRETE SEATWALL
SCALE: 1" = 1'



NOTE:
1. REBAR CONTINUOS THROUGH CONTROL JOINT.
2. FOR EJ OMIT HORIZONTAL REBAR 3" CLR OF EJ. PLACE DOWELS SIMILAR TO HORIZONTAL REBAR SPACING. SIM TO CONCRETE PAVING DETAIL 1 L9.00
3. SEAL EXPANSION JOINTS SIM, TYP 2 L9.00

5 SKATEBOARD DETERRANT JOINT
SCALE: 3" = 1'



NOTES:
1. AT FIXED SEATING, ACCESSIBLE SEATING SHALL BE IDENTIFIED WITH CODE-COMPLIANT SIGNAGE & MARKINGS.
2. SEE PLANS FOR LOCATIONS OF SEATING RELATIVE TO ACCESSIBLE SPACES TYP.
3. SEATING AREA SHALL BE NON-SLIP, ACCESSIBLE PAVING OF 1.9% MAXIMUM SLOPE IN ANY DIRECTION.

2 ADA-FRONT-REAR ACCESSIBLE SEATING
SCALE: 1" = 1'

ADDENDUM 3

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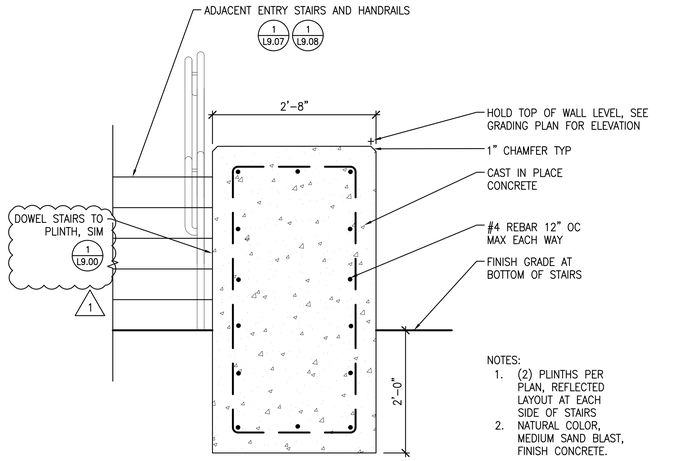
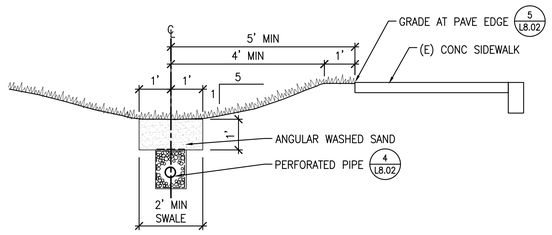
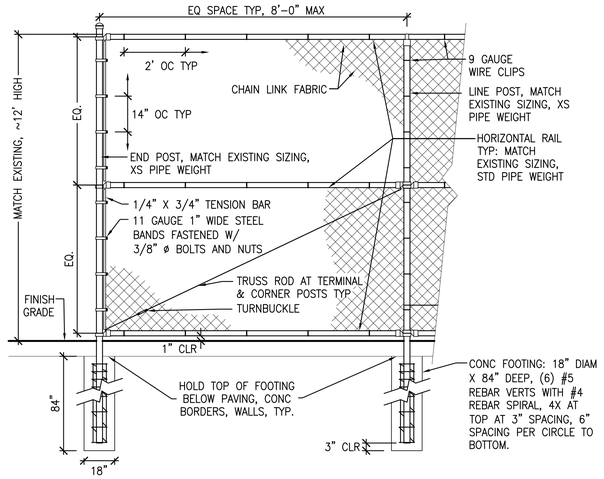


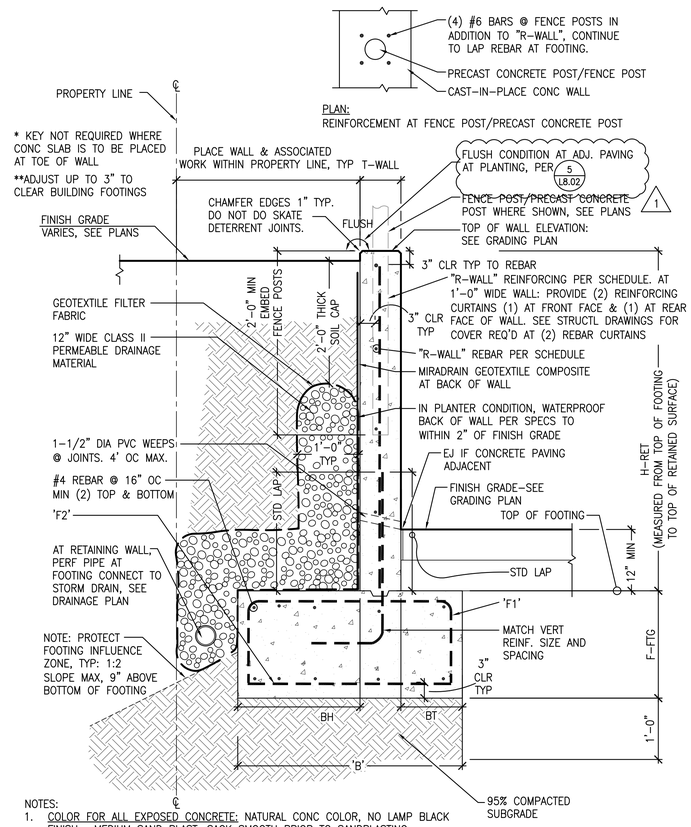
2 CONCRETE ENTRY PLINTH
SCALE: 1" = 1'



3 SWALE AT BASE OF LAWN
SCALE: 1/2" = 1'



4 CHAIN LINK FENCE
SCALE: 1/2" = 1'



NOTES:
1. COLOR FOR ALL EXPOSED CONCRETE: NATURAL CONC COLOR, NO LAMP BLACK
   FINISH: MEDIUM SAND BLAST. SACK SMOOTH PRIOR TO SANDBLASTING.
2. PROVIDE EXPANSION JOINTS WITH DOWELS (SIMILAR TO THOSE SHOWN IN DETAIL AT 20'(+-) OC ALIGNED WITH PAVING JOINTS, PER GEOTECHNICAL REPORT - SEE MATERIALS PLAN — 1 L9.00
3. WHERE WALL IS TO RECEIVE SURFACE COLOR, SACK SMOOTH IN PLACE OF SANDBLAST FINISH, SEE MATERIALS PLAN.

CONCRETE WALL SCHEDULE

WALL DIMENSIONS		FOOTING				REINFORCING	
H-RET	T-WALL	F-FTG	BH	BT	B	F1 & F2	R-WALL

1'-0" THICK WALL WITH HEEL FOOTING ONLY

TO 2'-0"	1'-0"	1'-6"	1'-0"	0	2'-6"	#4 @ 18" OC EACH WAY	#4 @ 18" OC EACH WAY
4'-0" MAX	1'-0"	1'-6"	2'-0"	0	3'-6"	#4 @ 18" OC EACH WAY	#4 @ 18" OC EACH WAY
6'-0" MAX	1'-0"	1'-6"	2'-6"	0	4'-0"	#4 @ 18" OC EACH WAY	#4 @ 18" OC EACH WAY

1'-0" THICK WALL WITH TOE FOOTING ONLY

TO 2'-0"	1'-0"	1'-6"	0	1'-0"	1'-8"	#4 @ 18" OC EACH WAY	#4 @ 18" OC EACH WAY
4'-0" MAX	1'-0"	1'-6"	0	1'-6"	2'-6"	#4 @ 18" OC EACH WAY	#4 @ 18" OC EACH WAY
6'-0" MAX	1'-0"	1'-6"	0	2'-0"	3'-6"	#4 @ 18" OC EACH WAY	#4 @ 18" OC EACH WAY

1 CONCRETE RETAINING WALL
SCALE: 1" = 1'

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key map

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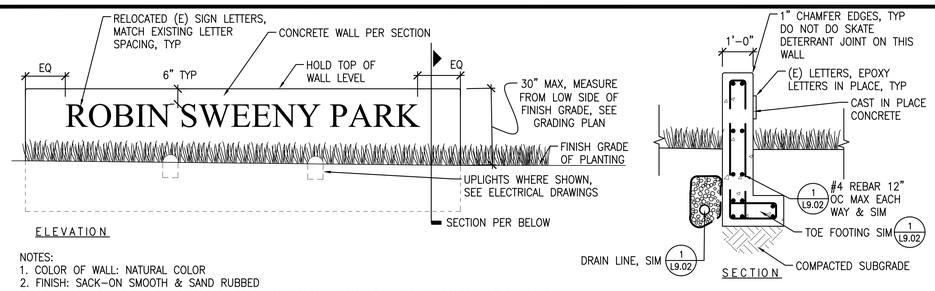
CONSTRUCTION DETAILS

sheet title

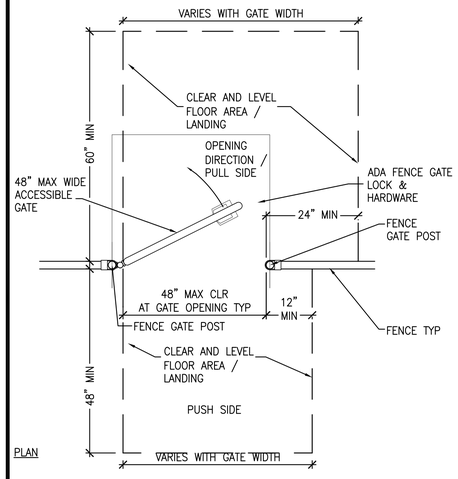
L9.02

sheet no.



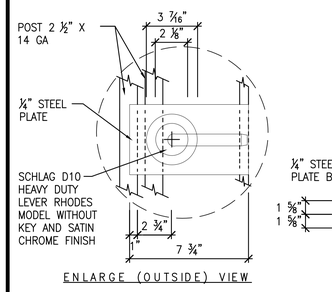
NOTES:
1. COLOR OF WALL: NATURAL COLOR
2. FINISH: SACK–ON SMOOTH & SAND RUBBED
3. REPAIR & REFURBISH (E) LETTERS IN FIELD AS NEEDED, MATCH (E) MATERIAL COLOR & FINISH, TYP, WEATHER AS NEEDED TO MATCH LETTER PATINA PRIOR TO INSTALLING
4. MOCK UP LETTER LAYOUT IN FIELD FOR REVIEW AND ACCEPTANCE PRIOR TO DRILLING & INSTALLING

2 ROBIN SWEENY SIGN WALL
SCALE: 1/2" = 1'

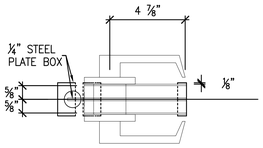


PLAN

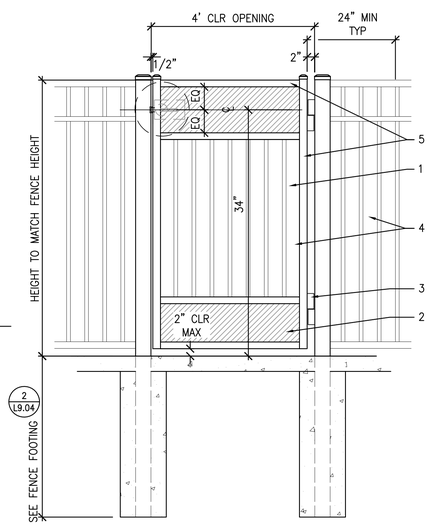
NOTES:
1. PROVIDE CLEARANCES AT GATES AS REQUIRED BY CALIFORNIA BUILDING CODE (CBC).
2. DO NOT EXCEED 2% SLOPE IN ANY DIRECTION WITHIN THE LANDING AREAS (CLEAR FLOOR AREA) AT EITHER SIDE OF THE GATES.
3. THE CLEAR FLOOR AREA SHALL BE A NON–SLIP, ACCESSIBLE, PAVED SURFACE COMPLIANT WITH CBC REQUIREMENTS FOR LANDINGS. SEE MATERIAL PLANS FOR MATERIALS AT LANDINGS, TYP.
4. SEE LAYOUT DRAWINGS, BATTING CAGE DETAILS & GATE DETAILS FOR SPECIFIC GATE WIDTHS.



ENLARGE (OUTSIDE) VIEW



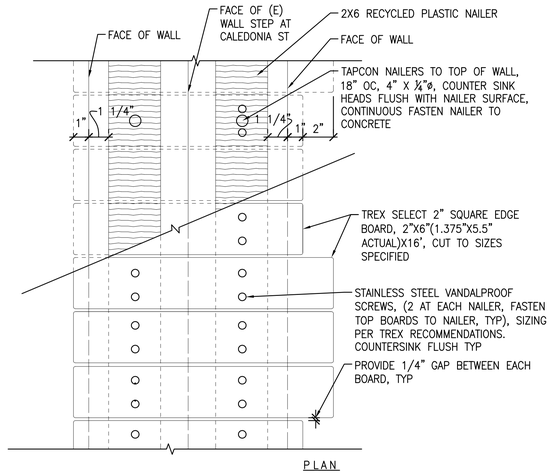
PLAN VIEW



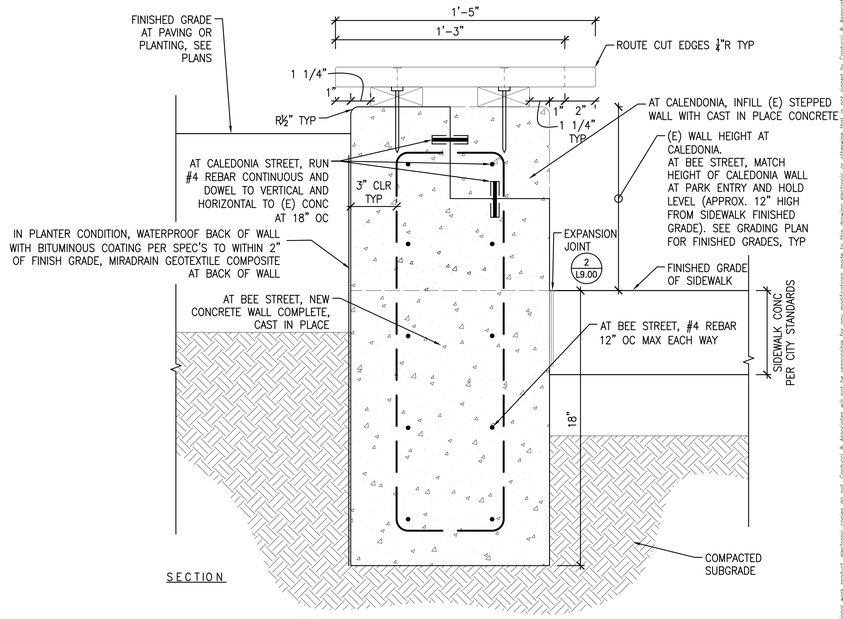
#	DESCRIPTION
1.	12" x ¼" LEVER PLATE
2.	10" x ¼" KICK PLATE
3.	(2) HEAVY DUTY HINGE PER LEAF
4.	¼" STEEL GUARD PLATE, MODIFIED WITH ½" DIA. PERFORATIONS AT ⅜" STAGGERED CENTERS, FINISHED EDGE, SEE DETAIL FOR PLACEMENT ON ADJACENT FENCE
5.	2" SQ GATE FRAME, TYP 4 SIDES

NOTE:
1. ORNAMENTAL FENCE, AVAILABLE FROM AMERISTAR, NATHAN DOWNS (800) 321–8724. SUBMIT SHOP DRAWINGS, TYP

3 FENCE ORNAMENTAL SINGLE–GATE
SCALE: 3/4" = 1'



PLAN



SECTION

NOTES:
1. CONCRETE SHALL BE NATURAL COLOR.
2. CONCRETE FINISH: MEDIUM SANDBLAST, SODA BLAST TO CLEAN (E) WALL WHERE OCCURS.
3. DOWEL TO ADJ. CONCRETE AND WALLS AS OCCURS; MATCH REBAR SPACING AND DOWEL, SIM 1 L9.00

1 LUMBER TOPPED WALL WITH SKATE DETERRANTS
SCALE: 2 127/128" = 1'

ADDENDUM 3

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CITY OF SAUSALITO

owner

ROBIN SWEENY PARK
APN 064-165-012
420 LITHO STREET
SAUSALITO, CA, 94965

project

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project no.	COS10-01

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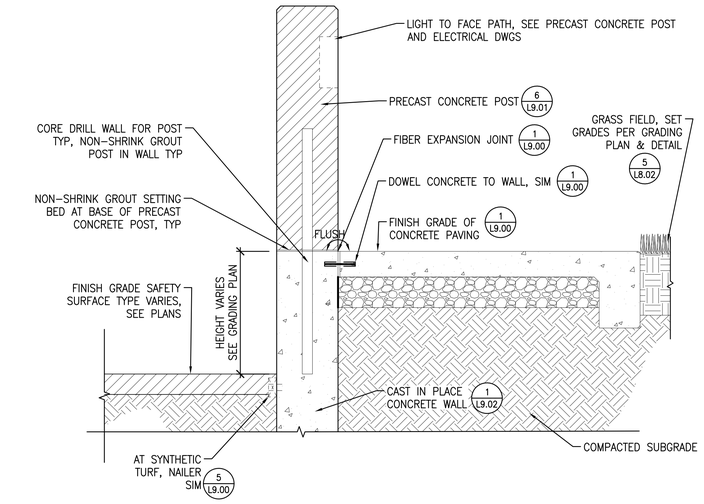
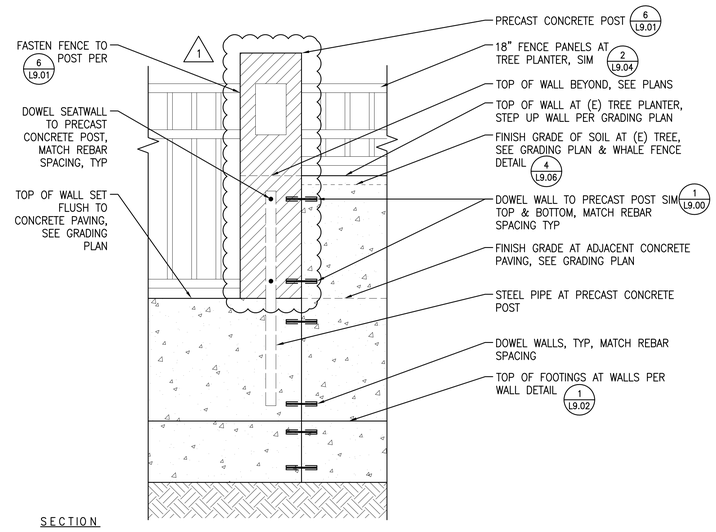


SECTION

3 TYPICAL CONDITION @ PLAY PERIMETER B

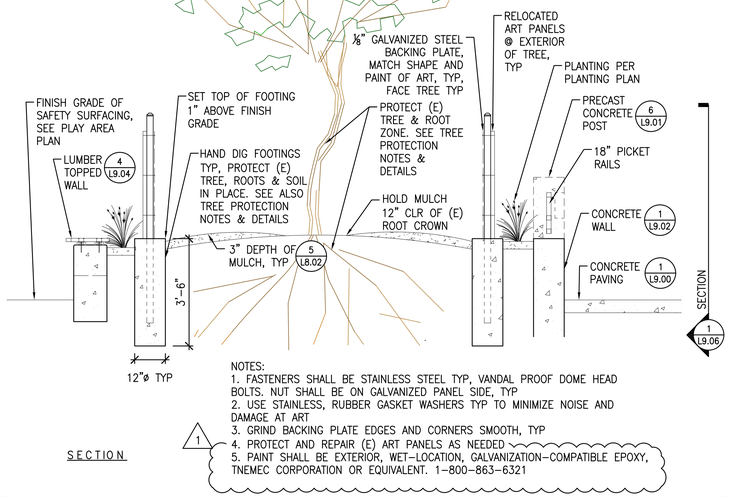
SCALE: 1" = 1'



SECTION

1 FENCE AND WALL @ TREE PLANTING

SCALE: 1" = 1'

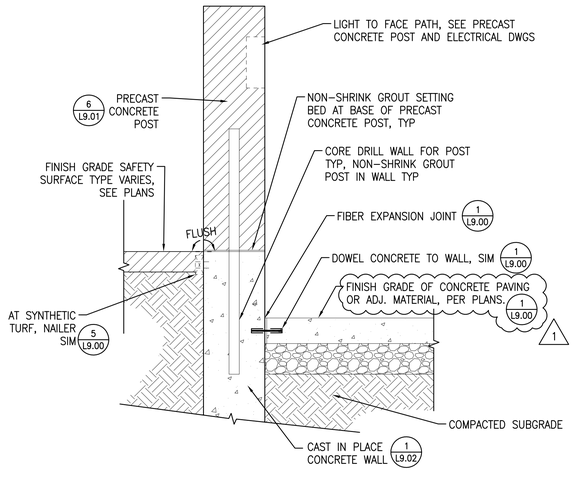


SECTION

NOTES:
1. FASTENERS SHALL BE STAINLESS STEEL TYP, VANDAL PROOF DOME HEAD BOLTS. NUT SHALL BE ON GALVANIZED PANEL SIDE, TYP
2. USE STAINLESS, RUBBER GASKET WASHERS TYP TO MINIMIZE NOISE AND DAMAGE AT ART
3. GRIND BACKING PLATE EDGES AND CORNERS SMOOTH, TYP
4. PROTECT AND REPAIR (E) ART PANELS AS NEEDED
5. PAINT SHALL BE EXTERIOR, WET-LOCATION, GALVANIZATION-COMPATIBLE EPOXY, TNEMEC CORPORATION OR EQUIVALENT. 1-800-863-6321

4 WHALE ART FENCE @ TREE PLANTER

SCALE: 1/2" = 1'



2 TYPICAL CONDITION @ PLAY PERIMETER A

SCALE: 1" = 1'

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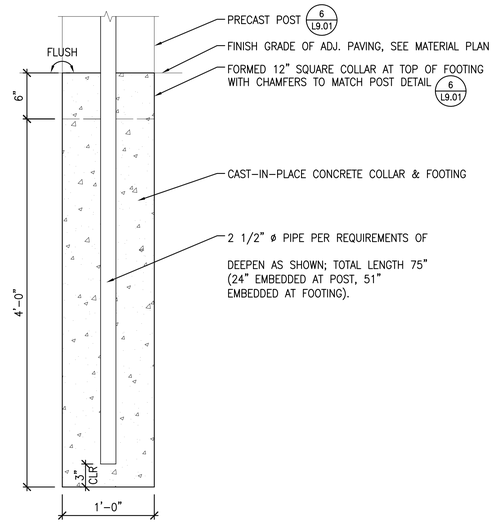
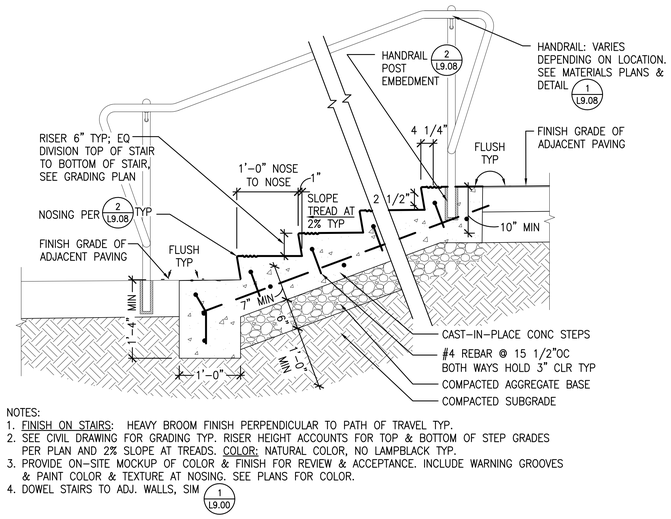
ADDENDUM 3



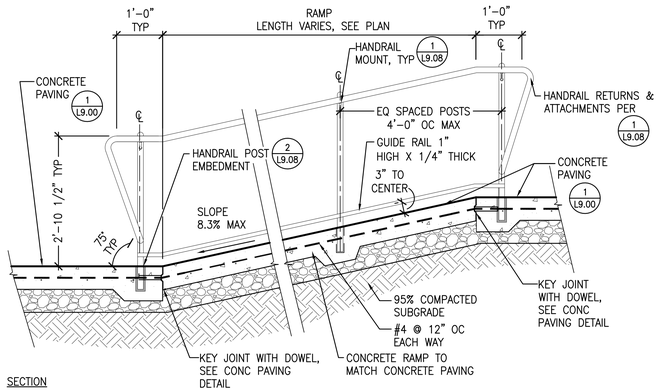
SECTION

2 PRECAST CONCRETE POST FOOTING
SCALE: 1 1/2" = 1'

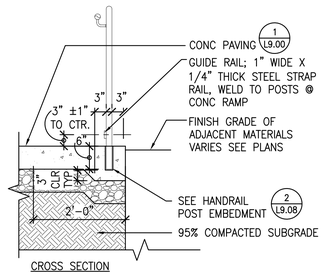


NOTES:
1. FINISH ON STAIRS: HEAVY BROOM FINISH PERPENDICULAR TO PATH OF TRAVEL TYP.
2. SEE CIVIL DRAWING FOR GRADING TYP. RISER HEIGHT ACCOUNTS FOR TOP & BOTTOM OF STEP GRADES PER PLAN AND 2% SLOPE AT TREADS. COLOR: NATURAL COLOR, NO LAMP/BLACK TYP.
3. PROVIDE ON-SITE MOCKUP OF COLOR & FINISH FOR REVIEW & ACCEPTANCE. INCLUDE WARNING GROOVES & PAINT COLOR & TEXTURE AT NOSING. SEE PLANS FOR COLOR.
4. DOWEL STAIRS TO ADJ. WALLS, SIM 1/L9.00

1 STAIRS
SCALE: 1" = 1'



SECTION



CROSS SECTION

NOTES:
1. FINISH: PAVING: HEAVY BROOM FINISH PERPENDICULAR TO PATH OF TRAVEL. WALLS: MEDIUM SANDBLAST FINISH.
2. SUBMIT SHOP DRAWINGS FOR RAILINGS FOR ACCEPTANCE TO ARCHITECT.
3. RAILING FINISH: CLEAN GALVANIZED FINISH.
4. RAMPS MORE THAN 30" ABOVE THE ADJACENT GROUND SHALL BE PROVIDED WITH GUARDRAILS THAT ARE NOT LESS THAN 42" IN HEIGHT. OPEN GUARDRAILS SHALL HAVE INTERMEDIATE RAILS OR AN ORNAMENTAL PATTERN SUCH THAT A SPHERE 4" IN DIAMETER CANNOT PASS THROUGH.
5. PROVIDE EXPANSION JOINTS WITH DOWELS (SIMILAR TO THOSE SHOWN IN CONCRETE PAVING DETAIL) @ 20'(+/-) OC ALIGNED WITH PAVING JOINTS– SEE MATERIALS PLAN.
6. PROVIDE A BARRIER FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/4". MAXIMUM CROSS SLOPE NOT TO EXCEED 2%, TYPICAL ALONG ACCESSIBLE PATH OF TRAVEL (SEE ARCHITECTS DRAWINGS).
7. MAXIMUM SLOPE SHALL BE 8.3%; GRADE CHANGE SHALL NOT EXCEED 30" FROM TOP TO BOTTOM.
8. MIN BOTTOM LANDING DEPTH SHALL BE 6'; TOP LANDING MIN DEPTH SHALL BE 5'.
1 9. MIN PATH OF TRAVEL WIDTH SHALL BE 48"
10. REFER TO LAYOUT PLAN FOR REQUIRED WIDTH AND LENGTHS FOR SPECIFIC RAMPS AND LANDINGS.
11. DOWEL RAMP AND LANDINGS TO ADJ. WALLS, SIM 1/L9.00

3 ACCESSIBLE RAMP
SCALE: 3/4" = 1'

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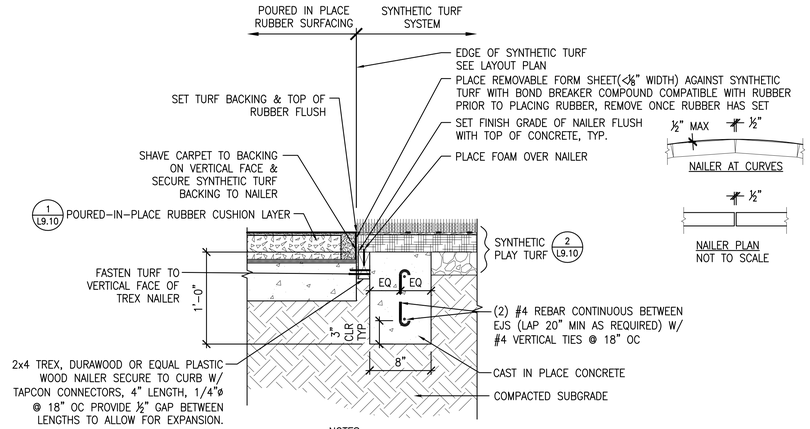
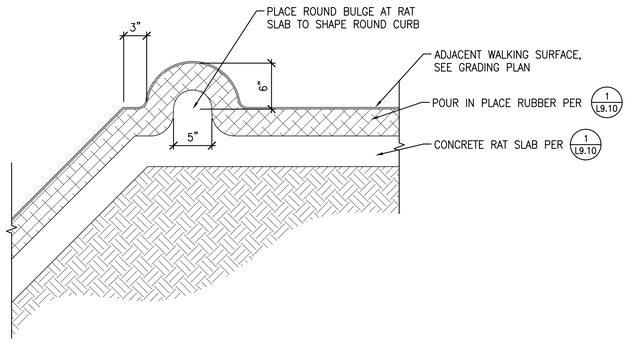
ADDENDUM 3



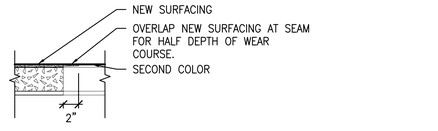
SECTION AT PAVING EDGE

NOTES:
1. PROVIDE EJS 20' OC & AT POINT OF TANGENCY TYP., & PROVIDE SCORE JOINTS 10' OC MAX, EQ SPACING BETWEEN EJS. 2 L9.00
2. DOWEL INTO ADJ CONC PAVING, WALLS & BANDS. SEE DETAIL 1 L9.00
3. PROVIDE ON-SITE MOCK-UP FOR REVIEW & ACCEPTANCE.

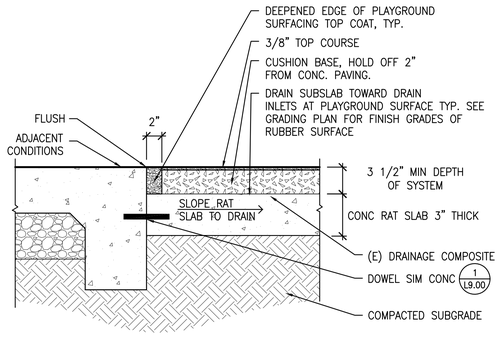
3 RESILIENT SURFACES TRANSITION
SCALE: 1 1/2" = 1'



4 RUBBER SAFETY SURFACING ROUND CURB
SCALE: 1 1/2" = 1'

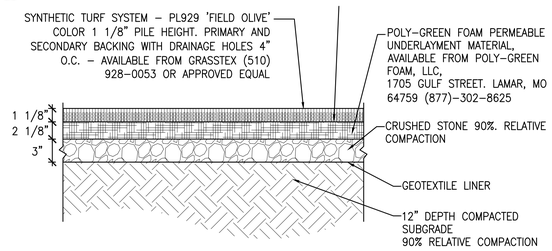


SEAMING:
SECTION AT (E) SURFACING AND ADJACENT DIFFERING COLORS



NOTES:
1. CONTRACTOR TO VERIFY PLAY EQUIPMENT FALL HEIGHTS & PROVIDE RESILIENT SURFACE THICKNESS AS REQUIRED BY ASTM 1292 STANDARDS. MINIMUM 3" THICKNESS.
2. PLAY SURFACING AVAILABLE FROM TOT'TURF (800) 858-0519. INSTALL PER MANUFACTURER'S SPECS.
3. COLORS: PER PLAN ENLARGEMENT L2.03
4. SURFACING IS TESTED FOR COMPLIANCE WITH ASTM F1292 & ASTM F1951, SEE DETAILS 2 L9.11 1 L9.11
5. SUBDRAINS WHERE SHOWN IN PLAN & SIM DETAIL 1 L9.14
6. PLACE RUBBER SURFACING AFTER SYNTHETIC TURF.
7. SURFACING, COORDINATE PLACEMENT FOR DETAIL 3 L9.10
8. GROUND SURFACES SHALL BE INSPECTED & MAINTAINED REGULARLY & FREQUENTLY TO ENSURE CONTINUED COMPLIANCE WITH ASTM F1951. 1

1 POUR IN PLACE RUBBER
SCALE: 1 1/2" = 1'



NOTES:
1. GRASSTEX AVAILABLE FROM FLOORING RESOURCE GROUP, CONTACT RON GROSJEAN 510-928-0053 WWW.FLOORINGRESOURCEGROUP.COM
2. TURF & FOAM UNDERLAYMENT ARE TESTED FOR ASTM F1292 & ASTM F1951 COMPLIANCE, SEE DETAILS 1 L9.13 1 L9.12
3. GROUND SURFACES SHALL BE INSPECTED & MAINTAINED REGULARLY & FREQUENTLY TO ENSURE CONTINUED COMPLIANCE WITH ASTM F1951. 1

2 SYNTHETIC PLAY TURF SYSTEM
SCALE: 1 1/2" = 1'

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CONSTRUCTION DETAILS

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L9.10

sheet no.

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NOTES:
1. PROVIDE SHOP DRAWINGS
2. SLOPE COLLAR AWAY FROM FLAGPOLE 1/4" PER FT TYP.
3. SEE ELECTRICAL DRAWINGS FOR LIGHTS

4 FLAG POLE FOOTING
SCALE: 1/2" = 1'

TSi TESTING SERVICES, INC.
817 SHOWALTER AVE. • P.O. BOX 2041
DALTON, GEORGIA 30722-2041
PHONE: (706) 226-1400 • FAX: (706) 226-8118

CLIENT:	Controlled Products	REPORT NUMBER:	60721B
	200 Howell Drive	LAB TEST NUMBER:	2607-9496
	Dalton, GA 30721	DATE:	May 13, 2014

SAMPLE ID:

Style	Roll #	Backing	Sidemark	RE:	Underlayment	Infill
PL929	18C78103A	Urethane	PL929-Playground/ Landscape Testing	30193	2" Polygreen Playground Pad	None

INTRODUCTION: Testing Services Inc was instructed by the client, to perform ADA wheelchair accessibility for the above described material being used under and around playground equipment.

TEST METHOD: **ASTM F1951: *Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment***

REQUIREMENT: A surface in place shall have average work per foot (work per meter) values for straight propulsion and for turning ***less*** than the average work per foot (work per meter) values for straight propulsion and for turning, respectively, on a hard, smooth, surface with a grade of 1:14 (7.1 %).

PROCEDURE: **Test Surface Preparation:** Tests were conducted on 5/9/14 indoors at TSi Laboratories in an environment of 74°F and 53% R.H. The synthetic turf was installed over the 2" Polygreen Playground Pad in a wooden box (44"W x 117"L). The system, prior to testing, was slightly compacted using a water-filled lawn roller to simulate foot traffic.

Wheelchair/Operator: The wheelchair used in these tests was manufactured by *Invcare*, Model Action Xtra, serial Number 98J84142. This wheelchair is totally adjustable, a necessity for these tests. The pneumatic tires were inflated to 60 psi on the rear and 32 psi on the front. The weight of the wheelchair was 24.25 pounds and the operator's weight was 165 pounds for a total of 189 pounds. The operator's distribution was adjusted to 60% on the rear wheels and 40 % on the front.

Torque Measuring System: A certified *Dillion Electronic Force Gauge*, Model BFG 500N, S/N 98-2277-07 was used as an interface between a *Dell* Laptop and a certified *Dillon Smart Torque Wrench*, S/N 97-0085-01. Software, also from Dillon, logged the load vs. time and integrated the area under the resulting curves. The adapters and accessories needed to attach the instrumentation were fabricated locally. This total package added 10 pounds to the total weight bringing the total to 199 pounds.

TEST RESULTS:

Baseline Straight (Average Work/ft-Force)	PL929 Synthetic turf over a 2" pad listed above (Average Work/ft-Force)
13.75 lbs	9.04 lbs

Baseline Turning (Average Work/ft-Force)	PL929 Synthetic turf over a 2" pad listed above (Average Work/ft-Force)
10.21 lbs	7.45 lbs

CONCLUSION: The above listed material *meets/exceeds* both the straight line and turning propulsion requirements set forth in this test method and therefore, passes the standard.

Erle Miles, Jr V.P., Testing Services Inc

TSi Accreditation: Our laboratory is accredited with US Dept of Commerce, National Institute of Standards and Technology: ISO/IEC 17025:2005. Our code # is NVLAP 100108-0. However, it should be noted that some or all of the tests performed are not under our scope of accreditation due to the work not fully conforming to the standard, or it being outside the scope of our accreditation, or subcontracted.

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DALTON, GEORGIA 30722-2041
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TEST REPORT

CLIENT:	Controlled Products	REPORT NUMBER:	63682
	PO Box 2008	LAB TEST NUMBER:	2704-3283
	Dalton, GA 3.0722	DATE:	April 23, 2015
		PAGE:	1 of 1

Test Material:

Style	Color	Roll #	Backing	Sidemark	Padding	Sub Base	Reference
PL906	625	2C017718B	Urethane	CARDUCCI	2" Polygreen Foam	2.0" Aggregate Rock	30336

INTRODUCTION: Testing Services Inc was instructed by the client, to perform ADA wheelchair accessibility for the above described material being used under and around playground equipment.

TEST METHOD: **ASTM F1951: *Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment***

REQUIREMENT: A surface in place shall have average work per foot (work per meter) values for straight propulsion and for turning ***less*** than the average work per foot (work per meter) values for straight propulsion and for turning, respectively, on a hard, smooth, surface with a grade of 1:14 (7.1 %).

PROCEDURE: **Test Surface Preparation:** Tests were conducted on 4/23/15 indoors at TSi Laboratories in an environment of 65°F and 29% R.H. The synthetic turf was installed over the above identified padding and sub-base in a wooden box (44"W x 117"L). The system, prior to testing, was slightly compacted using a water-filled lawn roller to simulate foot traffic.

Wheelchair/Operator: The wheelchair used in these tests was manufactured by *Invcare*, Model Action Xtra, serial Number 98J84142. This wheelchair is totally adjustable, a necessity for these tests. The pneumatic tires were inflated to 60 psi on the rear and 32 psi on the front. The weight of the wheelchair was 24.25 pounds and the operator's weight was 165 pounds for a total of 189 pounds. The operator's distribution was adjusted to 60% on the rear wheels and 40 % on the front.

Torque Measuring System: A certified *Dillion Electronic Force Gauge*, Model BFG 500N, S/N 98-2277-07 was used as an interface between a *Dell* Laptop and a certified *Dillon Smart Torque Wrench*, S/N 97-0085-01. Software, also from Dillon, logged the load vs. time and integrated the area under the resulting curves. The adapters and accessories needed to attach the instrumentation were fabricated locally. This total package added 10 pounds to the total weight bringing the total to 199 pounds.

TEST RESULTS: **(Average Work/ft-Force)**

Baseline Straight	PL906 Turf over 2" Polygreen pad over 2" Aggregate Rock
14.33 lbs	11.36 lbs

Baseline Turning	PL906 Turf over 2" Polygreen pad 2" Aggregate Rock
10.14 lbs	7.39 lbs

CONCLUSION: The above listed material *meets/exceeds* both the straight line and turning propulsion requirements set forth in this test method and therefore, passes the standard.

Approved By:

Erle Miles, Jr V.P., Testing Services Inc

TSi Accreditation: Our laboratory is accredited with US Dept of Commerce, National Institute of Standards and Technology: ISO/IEC 17025:2005. Testing Services, Inc is a certified independent laboratory by the Synthetic Turf Council

OUR LETTERS AND REPORTS APPLY ONLY TO THE SAMPLE TESTED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. THESE LETTERS AND REPORTS ARE FOR THE USE ONLY OF THE CLIENT TO WHOM THEY ARE ADDRESSED AND THEIR COMMUNICATION TO ANY OTHERS OR THE USE OF THE NAME TESTING SERVICES, Inc. MUST RECEIVE OUR PRIOR WRITTEN APPROVAL. THE REPORTS AND LETTERS, AND OUR NAME, OUR SEALS, OR OUR INSIGNIA ARE NOT UNDER ANY CIRCUMSTANCES TO BE USED IN ADVERTISING TO THE GENERAL PUBLIC.
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1 SYNTHETIC TURF ASTM F1951 CERTIFICATION TEST FOR PL929 AND PL906
SCALE: NTS

5 HAND HOLDS
SCALE: 7 85/128" = 1'

3 WILLOW TALK TUBES
SCALE: NTS

POLY GREEN FOAM INNOVATIVE FOAM TECHNOLOGIES

Poly-Green Foam
GreenFoam Playground Pad

- **GreenFoam Playground pad is a high quality environmentally friendly shock absorbing and drainage pad for use beneath commercial and residential synthetic turf systems.**
- **GreenFoam pad is made from 99% recycled, non-contaminated post industrial cross link closed cell polyethylene foam. The product is 100% recyclable.**
- **The highly porous design of GreenFoam Playground Pad underneath synthetic turf enhances field drainage both vertically and laterally.**
- **Provides consistent 1292-04 Hic and GMAX ratings.**
- **Depending on local soil conditions, GreenFoam Playground pad can be used as partial or total replacement of crushed stone beneath turf.**
- **Features a geotextile fabric on one side of product to inhibit weed growth.**
- **Material does not absorb water or other liquids so it is ready to play shortly after rain stops.**
- **GreenFoam is highly elastic so it retains it shock absorption characteristics for many years.**
- **GreenFoam is completely free of rubber.**
- **GreenFoam is lead and heavy metal free.**
- **Material is non-degradable.**
- **8 Year Warranty with 2-3 Turf Cycle Life Expectancy.**
- **Available in 4'X6' Panels.**

Product Data Sheet

Material Composition: 99% Recycled, non-contaminated, post industrial, cross-link, closed cell polyethylene foam. Test Data & MSDS sheets available on request.

2 1/8" Playground Pad – Planed on one side

	Measurement	Test Method	Results
Weight:	Average		.85 – 1.2 lbs per square foot
Thickness:	Direct		2 1/8" +1/8"
Density:	Average		5-7 lbs/cubit feet
Tensile Strength:		ASTM 3574	34-36 PSI
Drainage Characteristics:			
Horizontal Flow Rate	Average	ASTM 4716, 250 PSF; 41% Slope	5.1709 Gal/Min/Ft
Vertical Permeability	Average	ASTM D 2474	>36 Gal/Min/Sq Ft
Transmissivity m2/sec	Average	ASTM 4716,	2.14E-003

Poly-Green Foam, LLC
1705 Gulf Street
Lamar, MO 64759
877-302-8625

2 POLYGREEN FOAM PAD
SCALE: NTS

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CARDUCCI & ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE PLANNING
IRRIGATION DESIGN URBAN DESIGN
CARDUCCI LANDSCAPE ARCHITECTS
555 BEACH STREET, 4TH FLOOR
SAN FRANCISCO, CALIFORNIA 94133
PHONE (415) 674-0990 FAX (415) 674-0999

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LICENSED LANDSCAPE ARCHITECT
VINCENT P. LATTANZIO
2554
Signature
8.31.2017
Renewal Date
12.15.2015
Date
STATE OF CALIFORNIA

seal

consultant

CITY OF SAUSALITO

owner

ROBIN SWEENY PARK

APN 064-165-012

420 LITHO STREET
SAUSALITO, CA, 94965

project

1	PLANNING SUBMITTAL	02.01.2013
2	PLANNING SUBMITTAL	10.15.2013
3	PLANNING SUBMITTAL	07.29.2015
4	PERMIT SUBMITTAL	10.02.2015
5	ADDENDUM 3, CITY COMMENTS (1)	12.15.2015

no. description

key map

date	12.15.2015
scale	AS SHOWN
project no.	COS10-01

CONSTRUCTION DETAILS

sheet title

L9.13

sheet no.

53 OF 60

ADDENDUM 3

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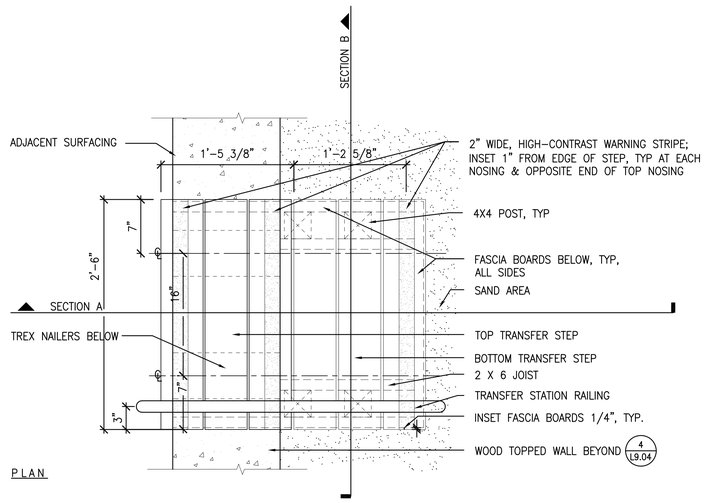
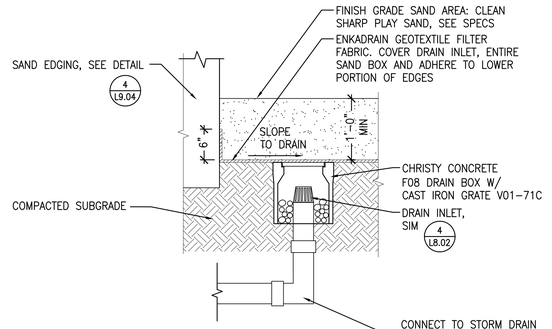
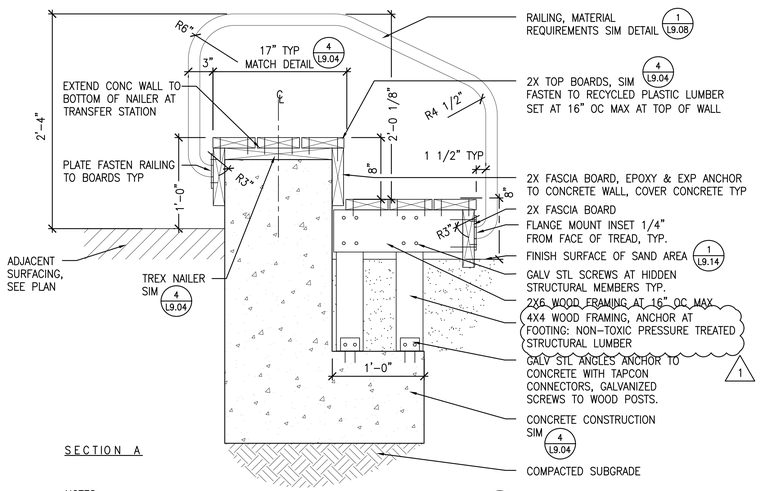
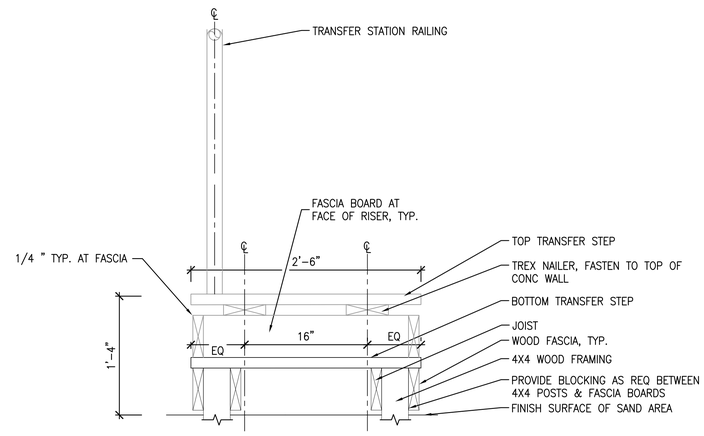




1 SAND PLAY
SCALE: 1" = 1'





NOTES:
1. MATCH LUMBER MATERIAL, CONSTRUCTION & FASTENING AS SHOWN IN DETAIL 4 L9.04
2. AT ENDS, WRAP FASCIA BOARDS COMPLETE, TYP.
3. SUBMIT SHOP DRAWINGS FOR TRANSFER STATION & RAILING TO REVIEW & ACCEPT PRIOR TO FABRICATION & CONSTRUCTION.
5. STRUCTURAL LUMBER SHALL BE STRUCTURAL GRADE CEDAR, TYP, EXCEPT AS NOTED.
6. FASTENERS SIMILAR TO DETAIL 4 L9.04 FOR ALL EXPOSED FASTENERS, TYP. 1
7. HIGH-CONTRAST WARNING STRIPES SHALL BE APPLIED TO EDGES AT CHANGES IN LEVEL. 2" WIDE, 1" CLR OF NOSING, ADHESIVE BACKED, SANDED NON-SLIP SURFACE APPLIED STRIPS. SUBMIT PRODUCT DATA. DARK BROWN COLOR, TYP

2 TRANSFER STATION
SCALE: 1 1/2" = 1'

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12/15/2015 5:22 PM

ADDENDUM 3

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12.15.2015
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CITY OF SAUSALITO

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ROBIN SWEENY PARK
APN 064-165-012
420 LITHO STREET
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5 ADDENDUM 3.
CITY COMMENTS 1 12.15.2015

no. description

key map

date 12.15.2015
scale AS SHOWN
project no. COS10-01

CONSTRUCTION DETAILS

sheet title

L9.14

sheet no.

PlayBooster® 144414 Cloudburst® Slide

landscape structures®

J:\SPECS\161\16108900.P65

Parts List

Part#	Description	Qty.
142545-00	Cloudburst Triple Bedway Slide, Specify Color	1
142546-00	Cloudburst Slide Hood, Specify Color	1
105327-01	5" Half Clamp, Specify Color	4
113729-00	Offset Hanger Clamp, Specify Color	4
144474-00	57 13/16" Aluminum Pipebolt, Specify Color	1
113468-00	Spacer Tube, Specify Color	2
150941-00	Exit Support (DB), Specify Color	3
145072-00	Mid-Support 64" Deck (DB), Specify Color	2
145073-00	Mid-Support 72" Deck (DB), Specify Color	2
151033-00	Exit Support 64" Deck (SM), Specify Color	3
151297-00	Exit Support 72" Deck (SM), Specify Color	3
145074-00	Mid-Support 64" Deck (SM), Specify Color	2
145075-00	Mid-Support 72" Deck (SM), Specify Color	2
132443-00	1 5/16" O.D. x 1 11/16" Rail Spacer, Specify Color	2
100610-00	1/4" x 5/8" Drive Rivet, AL/SST.	4
144685-00	**Slide Hardware Package**	1
100196-00	3/8" x 7/8" BHCS w/Pin, SST	4
100292-00	3/8" x 1 1/4" BHCS w/Pin Ltd. Thread Bolt, SST	10
100362-00	3/8" Flat Washer, SST	24
111442-00	Rubber Bushing	10
106577-00	**Hood Hardware Package**	1
100198-00	3/8" x 1 1/8" BHCS w/Pin, SST	8
100200-00	3/8" x 3 1/2" BHCS w/Pin, SST	2
100203-00	5/8" x 2 1/4" BHCS w/Pin, SST	2
100351-00	3/8" Tee Nut, SST	8
100362-00	3/8" Flat Washer, SST	2
100610-00	1/4" x 5/8" Drive Rivet, AL/SST	4
111392-00	**2-Hole (SM) Hardware Package**	5
100266-00	1/2" x 2 3/4" Expansion Anchor	10
100322-00	1/2" Standard Hex Nut, SST	10
100363-00	1/2" Flat Washer, SST	10

DB = Direct Bury
SM = Surface Mount

Specifications

Slide: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified.

Exit Support: Weldment comprised of 2.375" O.D. RS-20 (.095" - .105") galvanized steel tubing and 1/4" x 3" mounting plate. Finish: ProShield®, color specified.

Mid-Support: Weldment comprised of 1.660" O.D. RS-20 (.085" - .095") galvanized steel tubing and 1/4" x 3" mounting plate. Finish: ProShield, color specified.

Hood: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified.

Rail: Extruded from 1.125" O.D. x .312" W. 6005-T5 aluminum. Finish: ProShield, color specified.

Rail Spacer: Fabricated from 1.3125" O.D. x 16 Ga. (.065") steel tubing. Finish: ProShield, color specified.

Spacer Tube: Made from 6061-T6 aluminum 7/8" O.D. x 1 11/16". Finish: ProShield, color specified.

Offset Hanger Clamp Assembly: Cast aluminum. Finish: ProShield, color specified.

Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications).

Installation Time: (DB) - 3 1/4 man hours; (SM) - 2 1/4 man hours
Concrete Req.: 6.5 cu. ft.
Area Req.: Refer to Site Plan
Weight: (DB) - 475 lbs.; (SM) - 455 lbs.
Fall Height: Deck Height (64" FALL HEIGHT)

Installation Instructions

1) **(Direct Bury)** Dig footings spaced as shown.
2) Insert 57 13/16" pipe bolt through top of hood. Place 1 5/16" O.D. x 1 11/16" long rail spacer tube on each end of the 57 13/16" pipebolt. Attach offset hanger clamps to ends of pipe bolt using 5/8" x 2 1/4" BHCS w/Pin. Fasten offset hanger clamps to bottom of hood using 3/8" x 3 1/2" BHCS w/Pin with 3/8" flat washers through offset hanger clamp and spacer tubes and into threaded inserts in hood. Attach offset hanger clamps to posts at height shown using 5" half clamps with 3/8" x 1 1/8" BHCS w/Pin and 3/8" tee nuts. Refer to the Cloudburst Slide Hood Attachment Detail.
3) Attach exit and mid-supports to slide using 3/8" x 1 1/4" BHCS w/Pin limited thread bolts, 3/8" flat washers and rubber bushings. Refer to the Support Attachment Details. **NOTE:** *Attach bolts in the center of the slots to allow for expansion and contraction. Snug bolts down only, do not overtighten!*
4) Attach slide to the face of the deck using 3/8" x 7/8" BHCS w/Pin with 3/8" flat washers. Refer to the Deck Connection Detail.
5) Install 1/4" x 5/8" drive rivets in all 5" half clamps. Refer to the Offset Hanger Clamp Spec Sheet.
6) **(Direct Bury)** With supports plumb pour concrete footings. Allow concrete footings to cure for a minimum of 72 hours before users are allowed to play on the structure.

   (Surface Mount) Mark anchor bolt locations on concrete slab through holes in anchor plates and remove wave slide. Drill 1/2" x 3" deep holes on marks into concrete using a hammer drill and 1/2" masonry bit. Tap expansion anchors into drilled holes. Reposition slide and reattach to the face of the deck following step 4. Fasten supports to expansion anchors using 1/2" standard hex nuts with 1/2" flat washers.
7) Install protective surfacing before users are allowed to play on the structure.

Specifications are subject to change without notice.

Eco #53372 Document #16108900 replaces #15106500. Replaced aluminum spacers.

5 CLOUDBURST SLIDE 05
SCALE: NTS

landscape structures®

161089a

PlayBooster® 144414 Cloudburst® Slide
601 7TH STREET SOUTH, DELANO, MINNESOTA 55328-8605 888-574-4678 LSI Install Help 888-438-6574 LSI Direct 763-972-5200 Int. FAX (763) 972-3185
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3 CLOUDBURST SLIDE 03
SCALE: NTS

landscape structures®

ISO 14001 CERTIFIED ISO 9001 Certified

SAFETY NOTE Choose a protective surfacing material that has a Critical Height Value of at least the height of the Highest Accessible Part/Fall Height of the adjacent equipment. (Ref. *ASTM F1487.*)

14468400

PlayBooster® 144414 Cloudbursr® Slide Sheet 1 of 2
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1 CLOUDBURST SLIDE 01
SCALE: NTS

SECTION

NOTES:
1. SIZE AND STRENGTH OF FOOTINGS SHALL BE PER MANUFACTURER REQUIREMENTS.
2. FOOTING PSI: 3,500 MIN
3. ANCHOR PER MANUFACTURER REQUIREMENTS.
4. AT SPINNING STRUCTURES, SURFACING SHALL BE HELD LEVEL.
5. DYNAMO PLAYGROUNDS, (800) 790-0034. (1)

6 ROTATING DECK WITH NET
SCALE: NTS

NOTES:
CUSTOM TRANSFER STATION SHALL BE AS DESIGNED & FURNISHED BY LANDSCAPE STRUCTURES. PROVIDE SHOP DRAWINGS FOR REVIEW & ACCEPTANCE. TRANSFER STATION SHALL COMPLY WITH CBC 11B-1008.3.

ELEVATION

(1) 4 CLOUDBURST SLIDE 04
SCALE: NTS

landscape structures®

SAFETY NOTE Choose a protective surfacing material that has a Critical Height Value of at least the height of the Highest Accessible Part/Fall Height of the adjacent equipment. (Ref. *ASTM F1487.*)

144684b0

PlayBooster® 144414 Cloudburst® Slide Sheet 2 of 2
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2 CLOUDBURST SLIDE 02
SCALE: NTS

ADDENDUM 3

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LICENSED LANDSCAPE ARCHITECT · VINCENT P. LATTANZIO · 2554 · Signature · 8.31.2017 Renewal Date · 12.15.2015 Date · STATE OF CALIFORNIA

seal

consultant

CITY OF SAUSALITO

owner

ROBIN SWEENY PARK

APN 064-165-012

420 LITHO STREET
SAUSALITO, CA, 94965

project

no.	description	date
1	PLANNING SUBMITTAL	02.01.2013
2	PLANNING SUBMITTAL	10.15.2013
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4	PERMIT SUBMITTAL	10.02.2015
5	ADDENDUM 3, CITY COMMENTS (1)	12.15.2015

key map

date	12.15.2015
scale	AS SHOWN
project no.	COS10-01

CONSTRUCTION DETAILS

sheet title

L9.17

sheet no.

57 OF 60

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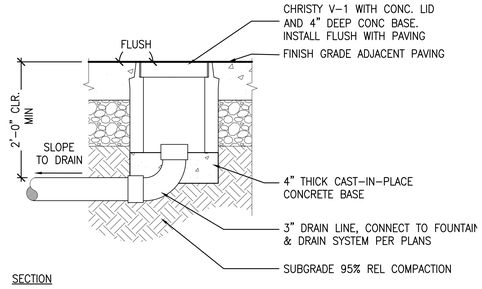


SECTION

4 DRINKING FOUNTAIN CLEANOUT
SCALE: 1 1/2" = 1'

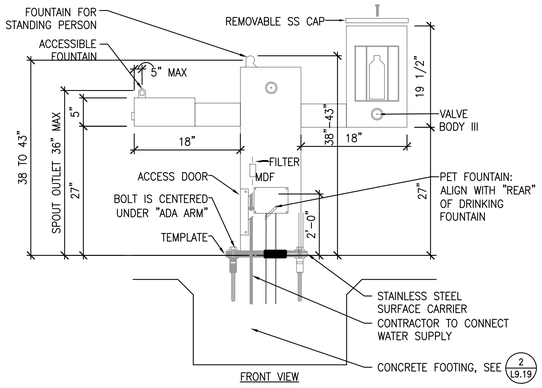
NOTE: MDF, HAWS, OR EQUAL DRINKING FOUNTAIN MANUFACTURER

MDF
MOST DEPENDABLE FOUNTAINS, INC.

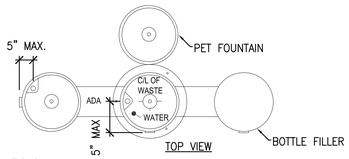
MODEL 10150SM

10150SM SHOWN WITH 10" SS SURFACE CARRIER

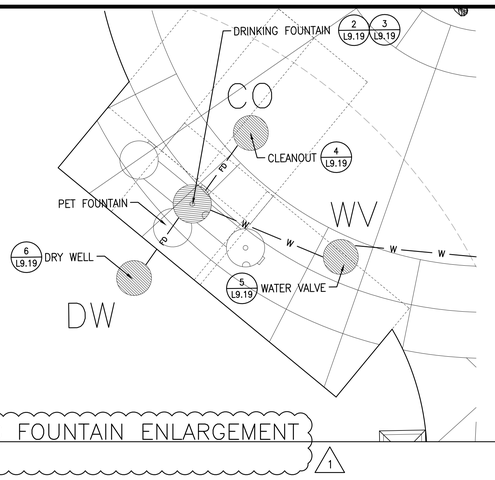
MOST DEPENDABLE FOUNTAINS INC.
5705 COMMANDER DR. P.O. BOX 587
ARLINGTON, TN 38002-0587
TOLL FREE: 1-800-552-6331
PHONE: (901) 867-0039
FAX: (901) 867-0159
www.mostdependable.com



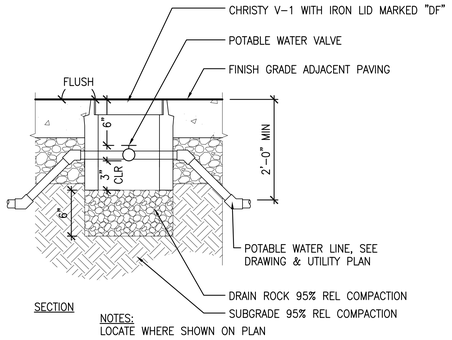
FRONT VIEW



TOP VIEW



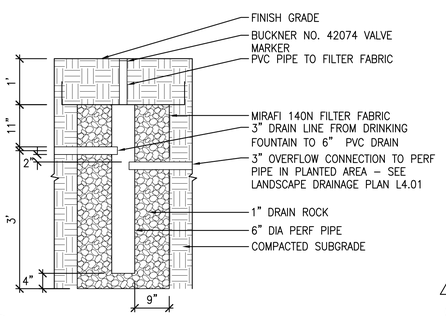
1 DRINKING FOUNTAIN ENLARGEMENT
SCALE: 3/4" = 1'



SECTION

NOTES:
LOCATE WHERE SHOWN ON PLAN

5 DRINKING FOUNTAIN – WATER VALVE
SCALE: 1 1/2" = 1'



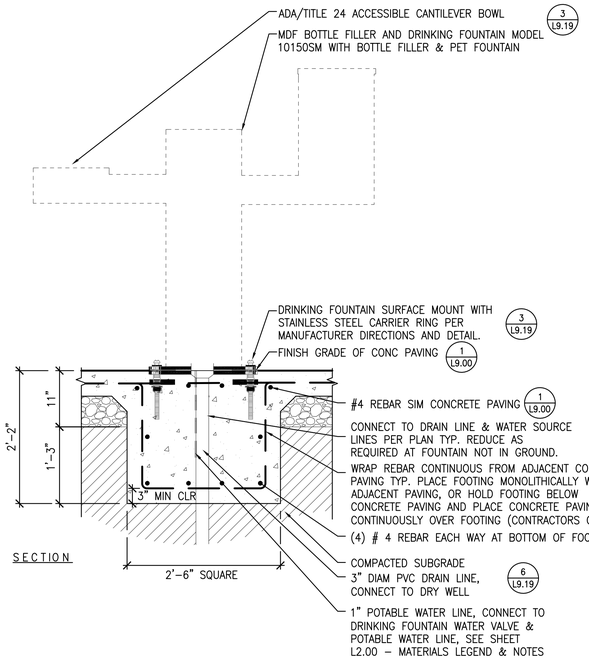
6 DRY WELL FOR DRINKING FOUNTAIN
SCALE: 3/4" = 1'

NOTES:
1. MEETS ADA REGULATIONS.
2. STAINLESS STEEL SURFACE CARRIER IS REQUIRED.
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. DO NOT SCALE DRAWING.
5. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
6. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
7. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 3354-17.10.
8. COLOR: GREEN
9. CHLORINATE DRINKING FOUNTAIN & SUPPLY LINE IMPACTED BY INSTALLATION, CONFIRM COMPLETE WITH PROJECT INSPECTOR PRIOR TO FIRST JOB PUNCH WALK.

ACCESSIBILITY NOTES:
1. DRINKING FOUNTAIN SHALL COMPLY WITH CBC SECTIONS 11B-307 AND 11B-602.
2. HIGH AND LOW DRINKING FOUNTAINS SHALL BE PROVIDED.
3. THE FLOW OF WATER SHALL BE ACTIVATED BY A MANUALLY OPERATED SYSTEM THAT IS FRONT-MOUNTED OR SIDE-MOUNTED AND LOCATED WITHIN 6" OF THE FRONT EDGE OF THE FOUNTAIN OR AN AUTOMATIC ELECTRONICALLY-CONTROLLED DEVICE.
4. SPOUT OUTLETS SHALL BE 36" MAX ABOVE THE FINISH FLOOR OR GROUND.
5. SPOUT SHALL PROVIDE A FLOW OF WATER 4" HIGH MIN AND SHALL BE LOCATED 5" MAX FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT.
6. SPOUTS SHALL BE LOCATED LESS THAN 3" OF THE FRONT OF THE UNIT. THE ANGLE OF WATER STREAM SHALL BE 30 DEGREES MAX.
7. WHERE SPOUTS ARE LOCATED BETWEEN 3" AND 5" MAX FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAX.
8. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38" MIN AND 43" MAX ABOVE FINISH FLOOR OR GROUND.

1

3 MDF DRINKING FOUNTAIN
SCALE: 1/2" = 1'



SECTION

NOTES:
1. MEETS ADA/TITLE 24 REGULATIONS.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. SEE INSTALLATION DETAILS, MATERIALS PLANS, UTILITY PLAN FOR CONNECTIONS AND NOTES.
4. SUBMIT SHOP DRAWINGS.

2 DRINKING FOUNTAIN FOOTING
SCALE: 1" = 1'

1

ADDENDUM 3

12/15/2015 5:23 PM

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REGISTERED LANDSCAPE ARCHITECT
8.31.2017
12.15.2015

seal

consultant

CITY OF SAUSALITO

owner

ROBIN SWEENY PARK

APN 064-165-012

420 LITHO STREET
SAUSALITO, CA, 94965

project

no.	description
1	PLANNING SUBMITTAL 02.01.2013
2	PLANNING SUBMITTAL 10.15.2013
3	PLANNING SUBMITTAL 07.29.2015
4	PERMIT SUBMITTAL 10.02.2015
5	ADDENDUM 3, CITY COMMENTS 1 12.15.2015

key map

date	12.15.2015
scale	AS SHOWN
project no.	COS10-01

CONSTRUCTION DETAILS

sheet title

L9.19

sheet no.

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