

SWEETWATER COMMUNITY GARDENS AT SWEETWATER REGIONAL PARK



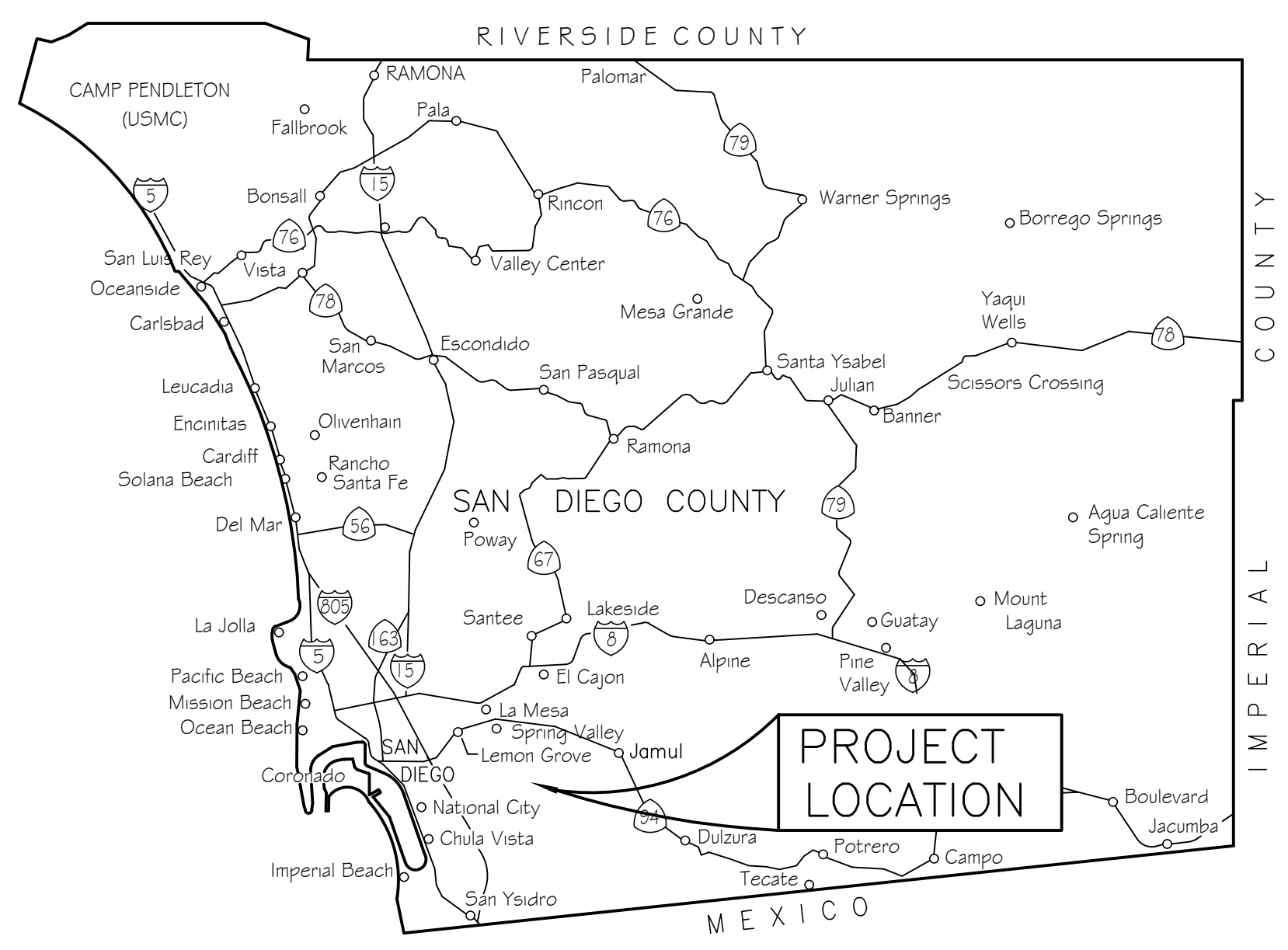
PLANS	BY	DATE
DESIGNED	---	---
CHECKED	---	---



08-17-18

JEREMY FRANZINI, R.L.A. 4514 DATE

EXP. 06-30-19



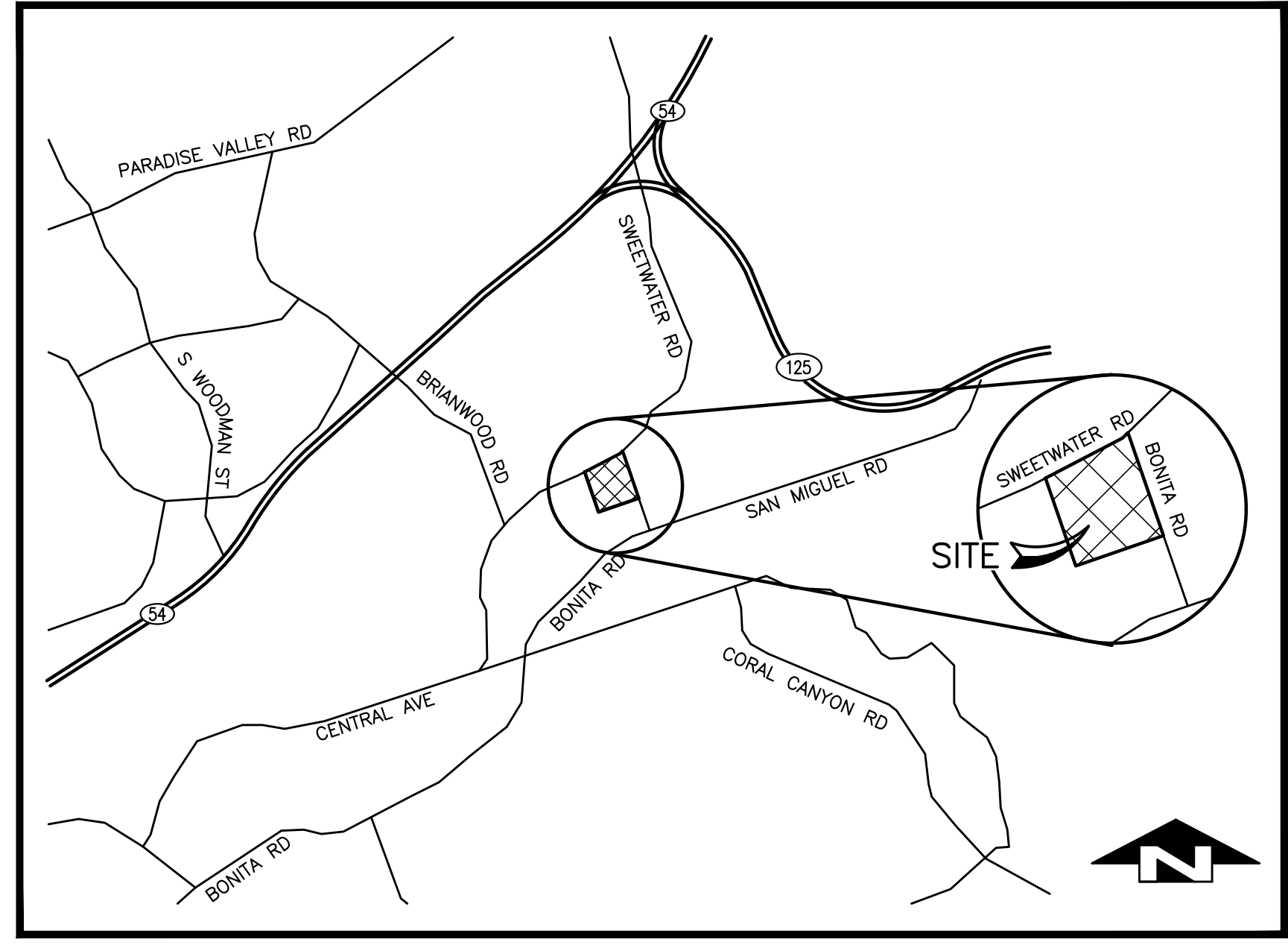
PROJECT LOCATION MAP
N.T.S.

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION "GREENBOOK" AND WITH THESE PLANS AND SPECIFICATIONS, ALL TO THE SATISFACTION OF THE COUNTY OF SAN DIEGO DEPARTMENT OF PARKS AND RECREATION PROJECT MANAGER.
2. THE CONTRACTOR MUST NOTIFY THE COUNTY PROJECT MANAGER AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING ANY CONSTRUCTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING UTILITIES, PAVEMENT, CURBS, TRAFFIC STRIPING AND MARKINGS, STRUCTURES, TREES, LANDSCAPING, AND IRRIGATION SYSTEMS, AS A RESULT OF HIS OPERATIONS, AND WILL BE REQUIRED TO REPAIR, REMODEL OR REPLACE SAME TO THE SATISFACTION OF, AND AS DIRECTED BY, THE COUNTY PROJECT MANAGER OR UTILITY COMPANY.
4. THE WORK SITE SHALL BE MAINTAINED IN A NEAT, CLEAN, HAZARD FREE, ORDERLY STATE, THROUGHOUT CONSTRUCTION. SITE SHALL BE CLEANED UPON REQUEST OF THE COUNTY PROJECT MANAGER. THE CONTRACTOR SHALL IMMEDIATELY HAUL AWAY AND DISPOSE OF, OFF THE PROJECT SITE, ALL EXCESS EXCAVATED MATERIAL AND CONSTRUCTION DEBRIS. ALL DISPOSALS SHALL BE AT THE CONTRACTOR'S EXPENSE AT AN APPROVED FACILITY.
5. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS OBTAINED FROM A SEARCH OF EXISTING RECORDS PROVIDED BY OTHERS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESPECTIVE UTILITIES AND UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA 1(800) 422-4133 TO DETERMINE THE EXACT FIELD LOCATION OF UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED WORK.
6. THE CONTRACTOR SHALL HAVE COPIES OF THE PLANS AND SPECIFICATIONS FOR THIS PROJECT ON THE SITE AT ALL TIMES, AND SHALL BE FAMILIAR WITH ALL APPLICABLE STANDARDS AND SPECIFICATIONS.
7. THE CONTRACTOR SHALL MAKE AVAILABLE FOR THE COUNTY PROJECT MANAGER'S REVIEW, ON A DAILY BASIS, AS BUILT DRAWINGS FOR WORK PERFORMED UP TO AND INCLUDING THE PREVIOUS DAYS ACTIVITIES.
8. THE CONTRACTOR SHALL CONDUCT HIS CONSTRUCTION OPERATIONS IN SUCH A MANNER THAT STORM OR OTHER WATERS MAY PROCEED UNINTERRUPTED ALONG THE STREET OR DRAINAGE COURSES.
9. ALL EXISTING IMPROVEMENTS INCLUDING CURB AND GUTTERS, SIDEWALKS, ASPHALT CONCRETE OR P.C.C. PAVING WHICH ARE BEING JOINED OR MATCHED IN CONNECTION WITH THE PROJECT, SHALL BE JOINED, OR MATCHED IN A MANNER SATISFACTORY TO THE COUNTY PROJECT MANAGER, INCLUDING NECESSARY SAWCUTTING, REMOVAL, REPLACEMENT OR CAPPING.
10. SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE COUNTY PROJECT MANAGER BEFORE PROCEEDING WITH THE WORK IN QUESTION.

UTILITY ALERT

BEFORE BEGINNING THE WORK SHOWN IN THESE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL CALL FOR UTILITY MARK-OUT, "CALL BEFORE YOU DIG" AT 1.800.422.4133.



VICINITY MAP
N.T.S.

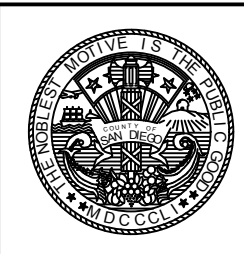
SHEET INDEX

- 1.....TITLE SHEET.....TS-1
- 2.....PRECISE GRADE PLAN.....C-1
- 3.....HARDSCAPE LAYOUT & MATERIALS PLAN.....LC-1
- 4-5.....CONSTRUCTION DETAILS.....CD-1 TO CD-2
- 6.....IRRIGATION PLANS.....IR-1
- 7.....IRRIGATION LEGEND, NOTES, & DETAILS.....ID-1



DIG-Alert
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS

COUNTY OF SAN DIEGO
DEPARTMENT OF PARKS AND RECREATION
5500 OVERLAND AVENUE, SAN DIEGO, CA 92123-1295



Michael Baker
INTERNATIONAL
9755 Clairemont Mesa Blvd.
San Diego, CA 92124
Phone: (858) 614-5000
MBAKERINTL.COM

REVISIONS	BY	APPROVED	DATE	COORDINATE INDEX	
				XXXX N	XXXX E
				CONST. COMPL.	
				FIELD REVISIONS	

SWEETWATER COMMUNITY GARDENS
AT SWEETWATER REGIONAL PARK
TITLE SHEET

SCALE: HOR. _____ VERT. _____
W.A. _____ R.S. _____
SHEET <u>1</u> OF <u>7</u>

TS-1

-1 0 1 2 3 4 5 6 7 8 9 10

REGISTERED PROFESSIONAL ENGINEER
DAVID A. WIENER
No. C77285
CIVIL
STATE OF CALIFORNIA

PLANS	BY	DATE
DESIGNED	----	----
CHECKED	----	----

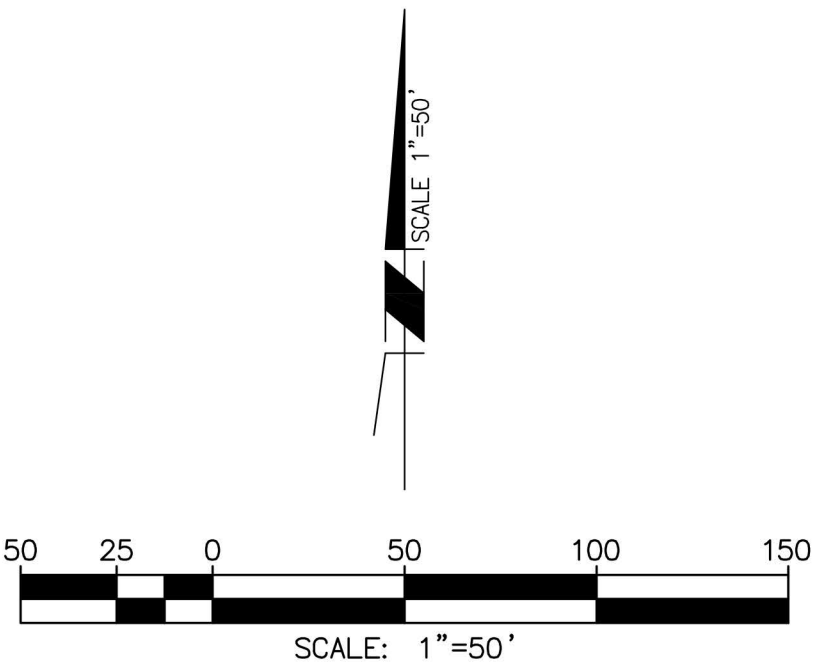
08-09-18
DAVID A. WIENER, R.C.E. 77285 DATE

CONSTRUCTION NOTES

- 1 PROTECT IN PLACE
- 2 INSTALL DG ACCESS ROAD PER LANDSCAPE PLAN
- 3 INSTALL CONCRETE PAVING FOR ADA PARKING SPACE PER LANDSCAPE PLAN
- 4 INSTALL GARDEN PLOTS PER LANDSCAPE PLAN
- 5 INSTALL FENCING PER LANDSCAPE PLAN

EARTHWORK QUANTITIES

CUT: 236 CY
FILL: 236 CY
NET: 000 CY



C-1

COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS
5500 OVERLAND AVENUE, SAN DIEGO, CA 92123-1295



Michael Baker International
9755 Clairemont Mesa Blvd.
San Diego, CA 92124
Phone: (858) 614-5000
MBAKERINTL.COM

REVISIONS	BY	APPROVED	DATE

COORDINATE INDEX
1,826 N 6,325 E
CONST. COMPL.
FIELD REVISIONS

SWEETWATER COMMUNITY GARDENS
AT SWEETWATER REGIONAL PARK
PRECISE GRADE PLAN

SCALE: HOR. 1"=50' VERT. 1"=50'
W.A. XXXX R.S. XXXX
SHEET 2 OF 7 SHEETS

H:\PDATA\165701_Sweetwater_Community_Garden\CADD\Long\165701-01-PG.dwg Thursday, Aug. 09 2018 10:55am esampson

-1 0 1 2 3 4 5 6 7 8 9 10

PLANS

DESIGNED

CHECKED

BY

DATE

REGISTERED LANDSCAPE ARCHITECT
JEREMY FRANZINI L.C. NO. 4514
STATE OF CALIFORNIA

SIGNATURE

JUNE 30, 2019

RENEWAL DATE

08-17-18

DATE

08-17-18

DATE

JEREMY FRANZINI

R.L.A. 4514

LANDSCAPE CONSTRUCTION NOTES

- 1 DECOMPOSED GRANITE ACCESS ROAD PER DETAIL 'A' SHEET CD-1.
- 2 CONCRETE PAVING FOR ADA PARKING SPACE PER DETAIL 'B' SHEET CD-1.
- 3 VEHICULAR ACCESS SWING GATE PER DETAIL 'F' SHEET CD-1.
- 4 CHAIN LINK DOUBLE SWING GATE PER S.D.R.S.D. M-05. HEIGHT TO MATCH EXISTING FENCE.
- 5 WOOD BOLLARD PER DETAIL 'E' SHEED CD-1 (8 TOTAL).
- 6 OUTDOOR DRINKING FOUNTAIN W/ BOTTLE FILLER PER DETAIL 'C' SHEET CD-1.
- 7 PEDESTRIAN WALK GATE PER S.D.R.S.D. M-05. HEIGHT TO MATCH EXISTING FENCE.
- 8 COMPOST SYSTEM PER DETAIL 'C' SHEET CD-2. COMPOST SYSTEM CENTERED IN 10X20 SPACE WITH LID OF COMPOST BINS FACING NORTH.
- 9 10X20 MODEL GARDENS PER DETAIL 'A' SHEET CD-2.
- 12 20X20 GARDEN PLOTS PER DETAIL 'A' SHEET CD-2.
- 13 10X20 GARDEN PLOTS PER DETAIL 'A' SHEET CD-2.
- 14 LODGEPOLE FENCE PER DETAIL 'D' SHEET CD-1.
- 15 6-FOOT HEIGHT CHAIN LINK FENCE PER S.D.R.S.D. M-06.
- 16 REMOVE EXISTING FENCE TO NEAREST POST.
- 17 EXISTING WIRE FENCE TO BE REMOVED.
- 18 JOIN EXISTING FENCE FLUSH.
- 19 EXISTING WIRE FENCE TO BE PROTECTED-IN-PLACE.
- 20 EXISTING CHAIN LINK FENCE TO BE PROTECTED-IN-PLACE.
- 21 EXISTING WATER METER.
- 22 NEW WATER METER & BACKFLOW PREVENTER PER IRRIGATION PLANS.
- 23 ENTRANCE TO WHEELCHAIR ACCESSIBLE GARDEN PLOT PER DETAIL 'B' SHEET CD-2.
- 24 WHEELCHAIR ACCESSIBLE PLOTS WITH STABILIZED DECOMPOSED GRANITE AND RAISED GARDEN BEDS PER DETAIL 'B' SHEET CD-2.
- 25 DISABLED PARKING STALL STRIPING AND SIGNAGE PER S.D.R.S.D. M-27A AND M-27B, VAN ACCESSIBLE.
- 26 PRECAST CONCRETE WHEEL STOP PER S.D.R.S.D. M-27A AND THE SPECIFICATIONS.
- 27 3" DEPTH BARK MULCH FOR AREAS OUTSIDE OF GARDEN PLOTS PROVIDED BY THE COUNTY TO PROJECT SITE. CONTRACTOR SHALL INSTALL MULCH AND ROLL WITH DRUM ROLLER FOR COMPACTION.
- 28 BID ALTERNATE 1. REMOVE EXISTING WIRE FENCE AND REPLACE WITH 6-FOOT HEIGHT CHAIN LINK FENCE PER S.D.R.S.D. M-06.

SEE SHEETS CD-1 AND CD-2
FOR CONSTRUCTION DETAILS

LC-1

COUNTY OF SAN DIEGO
DEPARTMENT OF PARKS AND RECREATION
5500 OVERLAND AVENUE, SAN DIEGO, CA 92123-1295

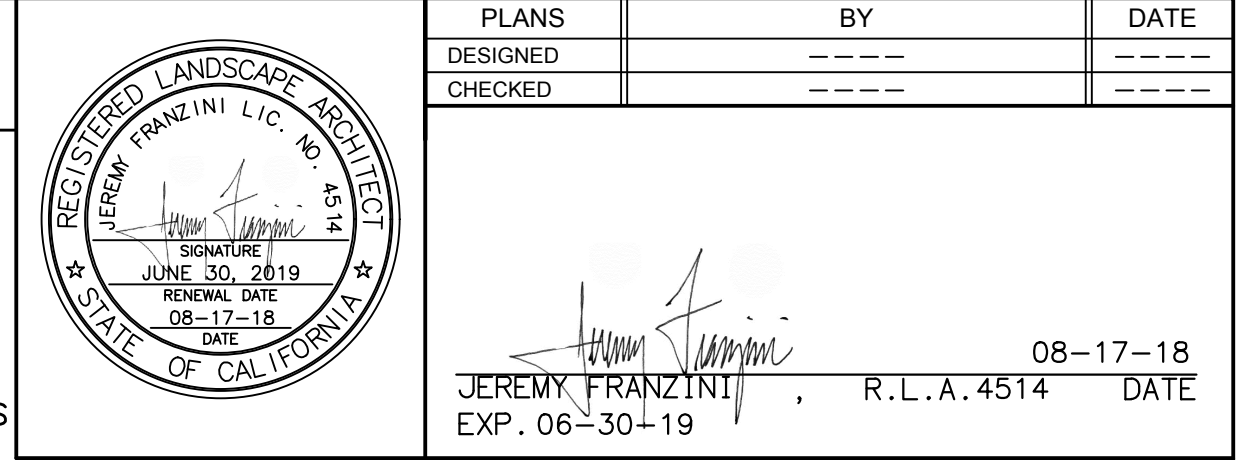
Michael Baker
INTERNATIONAL
9755 Clairemont Mesa Blvd.
San Diego, CA 92124
Phone: (858) 614-5000
MBAKERINTL.COM

REVISIONS	BY	APPROVED	DATE	COORDINATE INDEX
				XXXX N XXXX E
				CONST. COMPL.
				FIELD REVISIONS

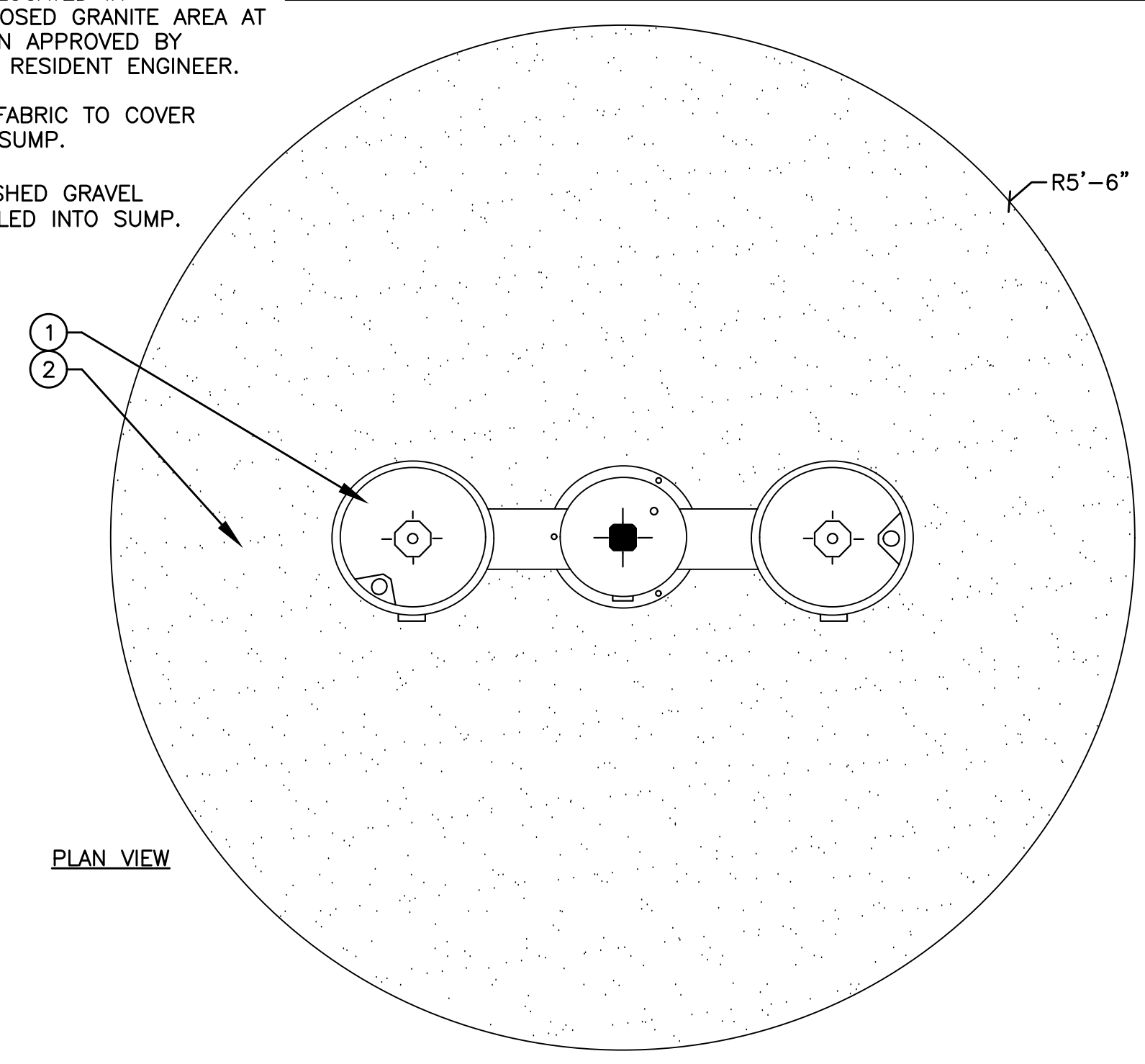
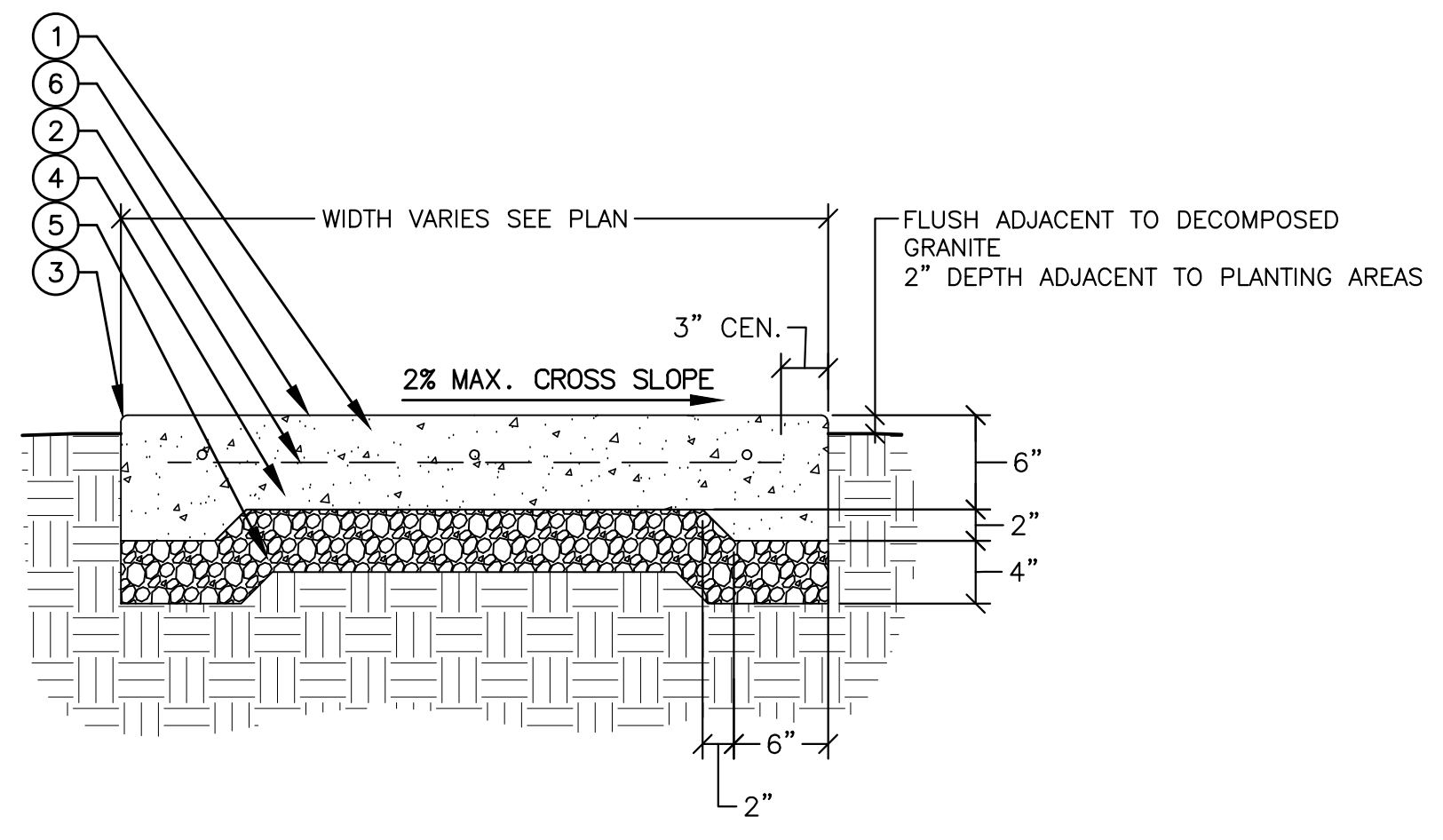
SWEETWATER COMMUNITY GARDENS
AT SWEETWATER REGIONAL PARK
HARDSCAPE LAYOUT & MATERIALS PLAN

SCALE: HOR. 1"=50' VERT. 1"=50'
W.A. XXXX R.S. XXXX
SHEET 3 OF 7

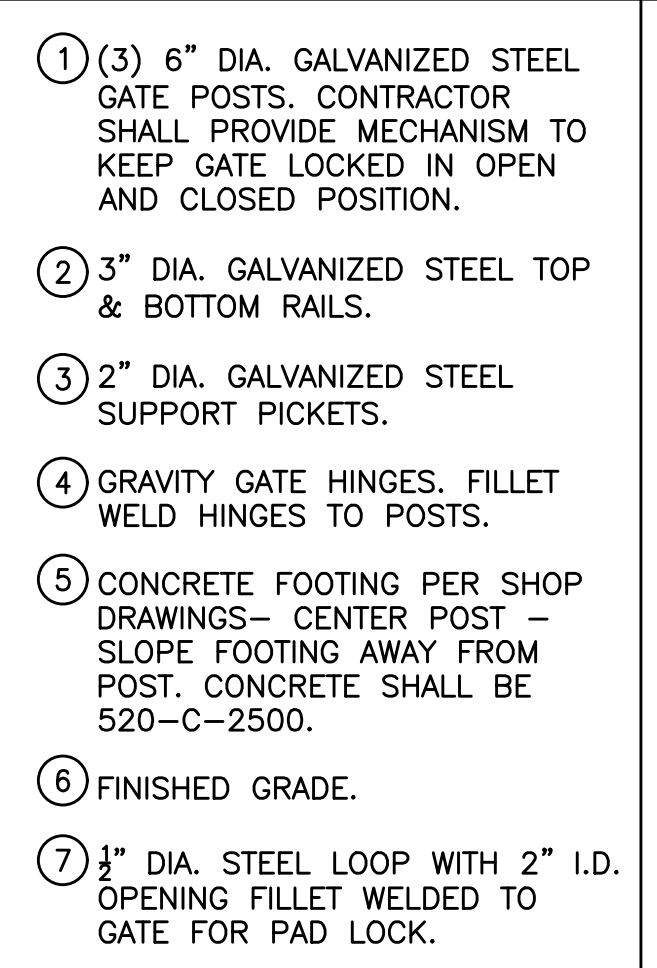
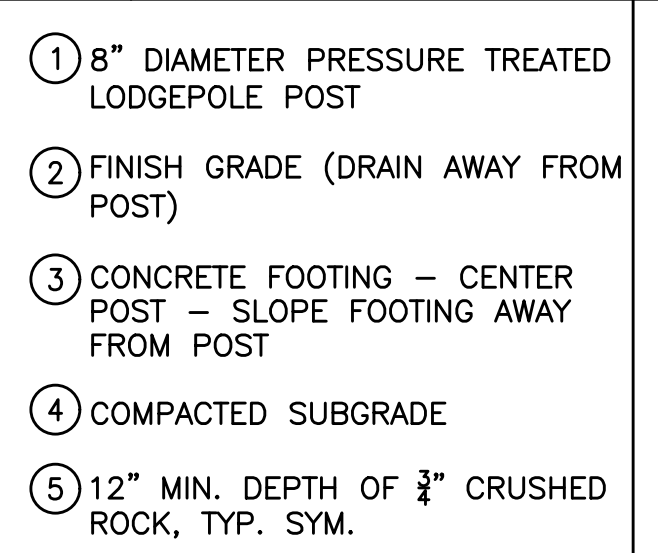
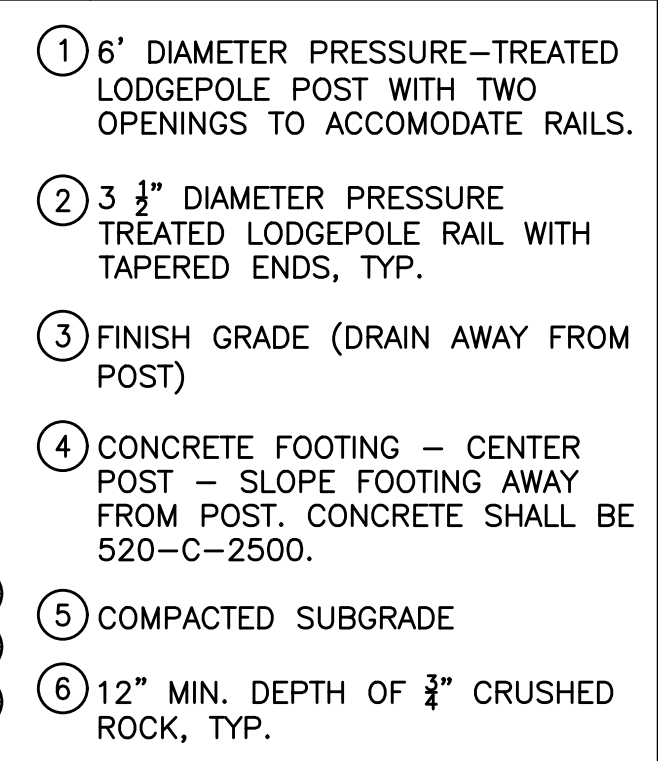
H:\pdata\65701\CADD\Arch\DWG 3-65701-LC-01.dwg Friday, Aug. 17 2018 9:29am elise.collie



- ① CONCRETE PAVING. CONCRETE SHALL BE 560-C-2500.
- ② #3 REBAR AT 24" O.C. EACH WAY CENTERED IN SLAB.
- ③ 1/2" TOOLED RADIUS EDGE.
- ④ CRUSHED AGGREGATE BASE 95% RELATIVE COMPACTION.
- ⑤ 90% MOISTURE COMPACTED SUBGRADE.
- ⑥ FINISH GRADE.



N.T.S.



NOTES:

1. CONTRACTOR TO PROVIDE SHOP DRAWINGS INDICATING PREFERRED METHOD OF CONSTRUCTION AND ALL PROPOSED PARTS AND MATERIALS FOR ALL COMPONENTS OF GATE SYSTEM. SHOP DRAWINGS SHALL INCLUDE STRUCTURAL CALCULATIONS FOR ALL GATE COMPONENTS WITH CONCRETE FOUNDATIONS THAT ARE STAMPED AND SIGNED BY A LICENSED STRUCTURAL ENGINEER. SHOP DRAWINGS SHALL BE APPROVED BY THE COUNTY PRIOR TO GATE FABRICATION. DIMENSIONS SHOWN ARE FOR PRELIMINARY INFORMATION ONLY.
2. ALL CONNECTIONS TO BE CONTINUOUS FILLET WELDED. REMOVE ALL SLAG & SPATTER AND GRID ALL WELDS SMOOTH. ALL TUBING TO HAVE $\frac{1}{8}$ " STEEL PLATE ENDS WELDED CLOSED.

CD-1

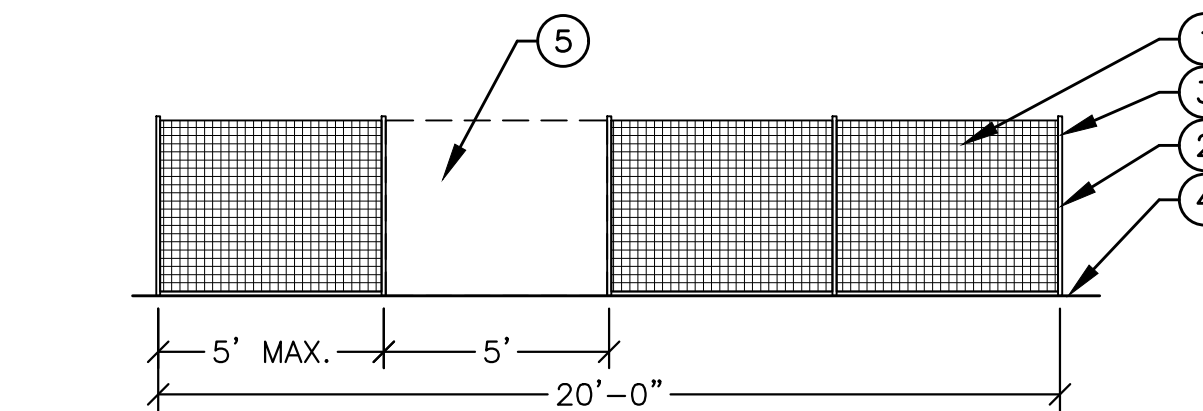
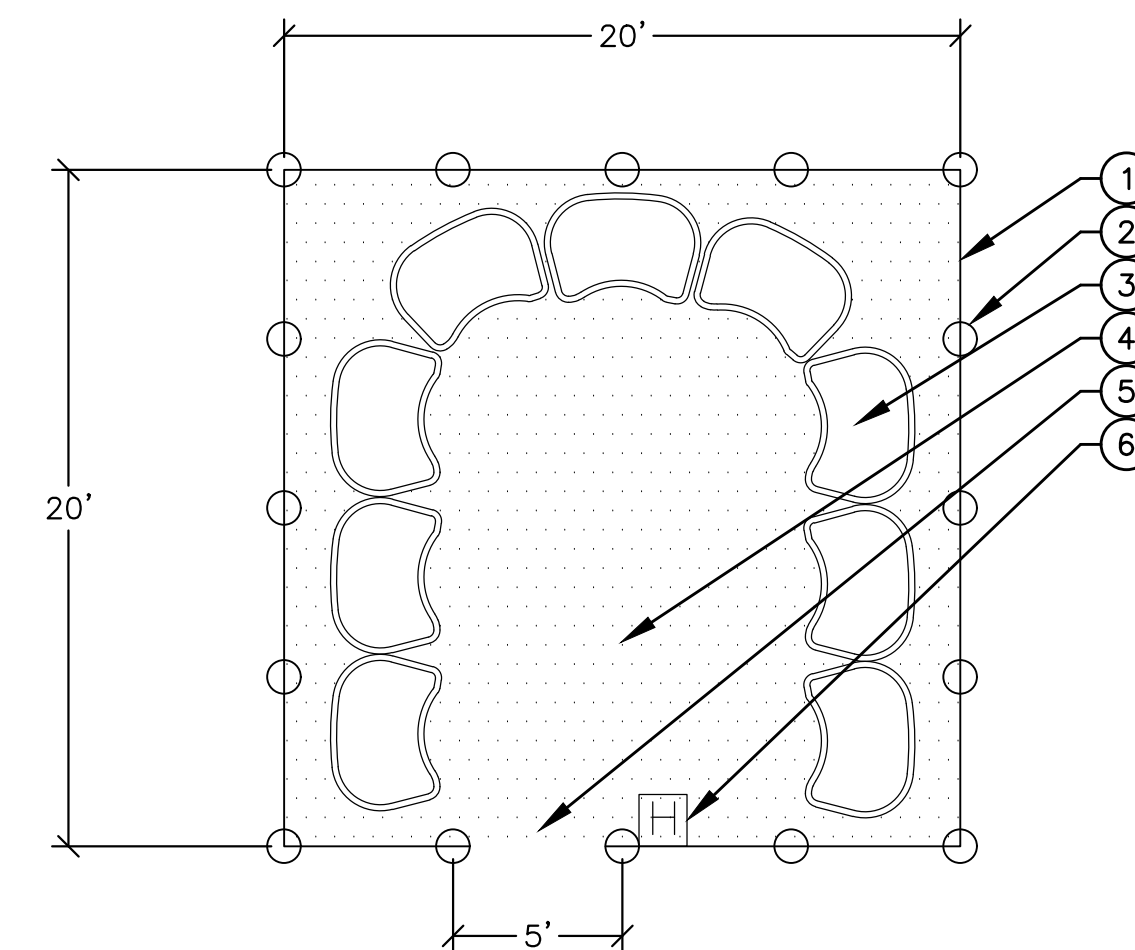
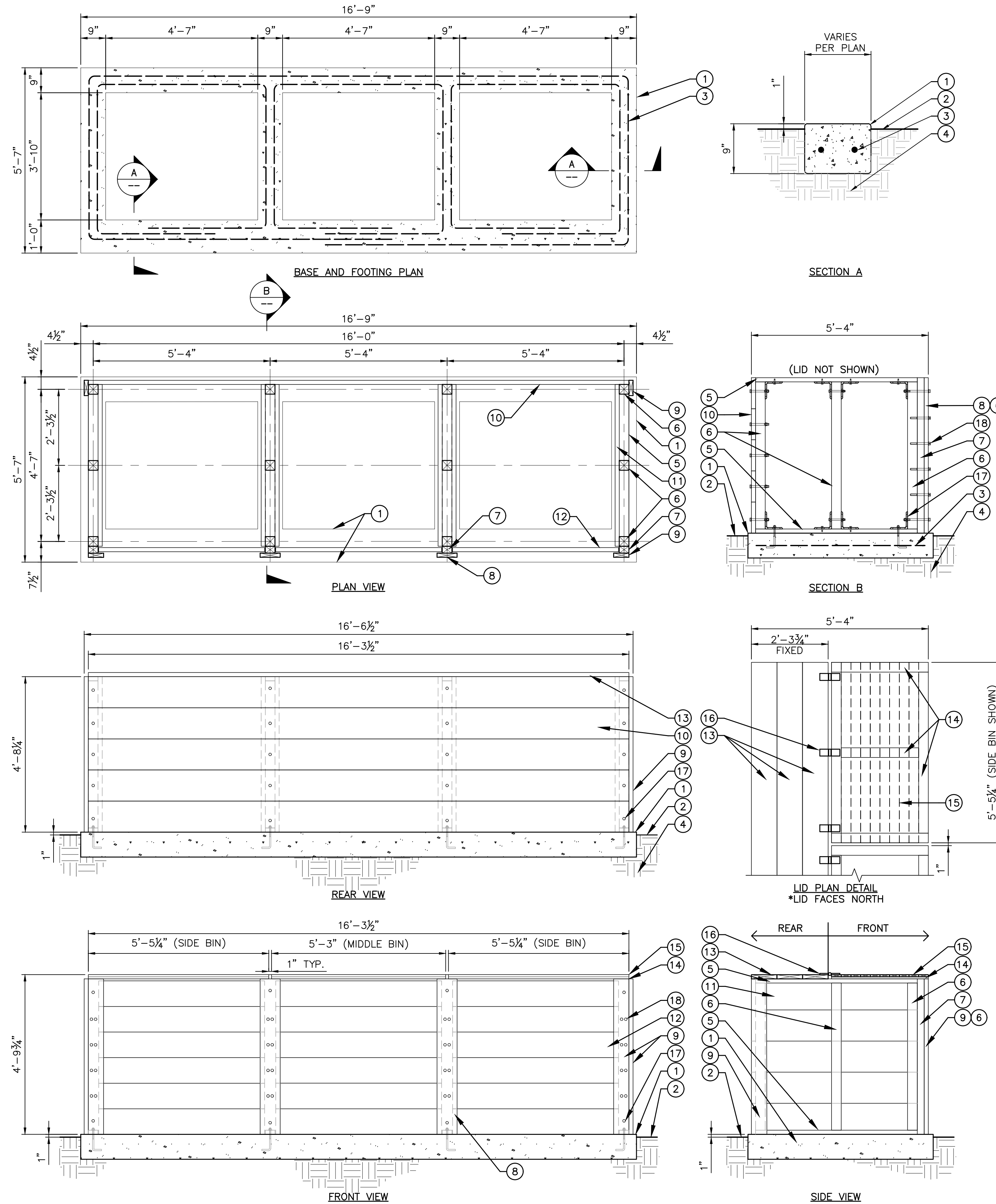


Diagram illustrating a section of a garden plot. The plot is divided into two main areas: OUTSIDE GARDEN PLOT and INSIDE GARDEN PLOT. A vertical path (width 2') runs through the center. A horizontal path (width 2') intersects it. The vertical path is divided into three sections labeled 1, 2, and 3. The horizontal path is divided into two sections labeled 4 and 5.

- ① WIRE MESH PER DETAIL 'A' SHEET CD-2.
- ② STEEL POSTS, PER DETAIL 'A' SHEET CD-2.
- ③ WHEELCHAIR ACCESSIBLE RAISED GARDEN BEDS, USA MODEL HDPE BY GREEN CIRCLE GARDEN PER THE SPECIFICATIONS. FILL BEDS WITH SOIL MIX PER THE SPECIFICATIONS.
- ④ STABILIZED DECOMPOSED GRANITE PER DETAIL 'A' SHEET CD-1.
- ⑤ ENTRANCE TO WHEELCHAIR ACCESSIBLE GARDEN PLOT. ENTRANCE TO FACE DECOMPOSED GRANITE ACCESS ROAD.
- ⑥ HOSE BIB PER IRRIGATION PLANS.

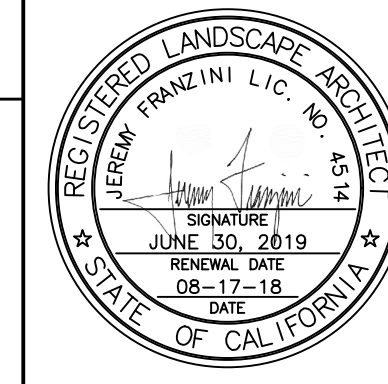


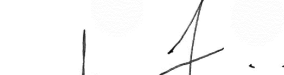
BEDS



1. CONCRETE SHALL BE NATURAL COLOR WITH SMOOTH TROWEL FINISH
2. REBAR SHALL BE CONTINUOUS WITH 18" MINIMUM OVERLAP WHERE SPLICED.
3. CONCRETE REINFORCEMENT SHALL BE EPOXY COATED.
4. LUMBER SHALL BE FSC CERTIFIED AND INSECT AND DECAY RESISTANT, SUCH AS REDWOOD OR CEDAR AND SUITABLE FOR LOAD BEARING AND CONSTRUCTION USE. LUMBER SHALL NOT BE TREATED WITH PRESERVATIVES. LUMBER SHALL BE STRAIGHT, SHALL NOT BE DEFORMED AND SHALL BE FREE OF DEFECTS.
5. ALL LUMBER TO BE SECURELY FASTENED EXCEPT FOR REMOVABLE FRONT SLATS. CONTRACTOR TO VERIFY AND ADJUST CUT DIMENSIONS AS NEEDED.
6. LAG SCREWS TO ATTACH FACEPLATES AND SPACER LUMBER SHALL BE GALVANIZED 3/8" x 6" MIN. WITH MATCHING WASHERS.
7. ALL SCREWS SHALL BE OUTDOOR RATED FOR LUMBER OR DECKING AND SHALL BE RESISTANT TO RUST AND CORROSION. SCREWS SHALL BE MINIMUM SIZE #10, LENGTH VARYING ACCORDING TO THICKNESS OF LUMBER BEING FASTENED.

- ① 560-C-3250-TYPE-V PCC BASE
FOOTING WITH 1/2" BULLNOSE
- ② FINISH GRADE
- ③ #3 HORIZONTAL REBAR
CONTINUOUS, 3" CLEAR
- ④ 90-95% R.C. SUBGRADE.
- ⑤ 2X4 LATERAL BEAM, TYP
- ⑥ 4X4 VERTICAL POST, TYP
- ⑦ 4X3 VERTICAL SPACER TYP
- ⑧ 2X8 FACE PLATE, TYP
- ⑨ 2X6 FACE PLATE, TYP
- ⑩ 2X12 REAR BOARD, TYP (5 TOTAL)
- ⑪ 2X12 SIDE BOARD, TYP
- ⑫ 2X10 SLATE, TYP (6 PER BIN)
REMOVABLE
- ⑬ 2X10 FIXED LID, TYP (3 TOTAL)
- ⑭ 1X4 LID FRAME
- ⑮ 1X4 BOARDS ON TOP OF LID
FRAME
- ⑯ GALVANIZED TEE HINGES
THROUGH-BOLTED WITH
GALVANIZED CARRIAGE BOLTS,
WASHERS AND NUTS. (3 PER LID)
- ⑰ GALVANIZED CORNER WITH ANCHOR
BOLTS.
- ⑱ GALVANIZED LAG SCREW WITH
MATCHING WASHER, TYP



PLANS	BY	DATE
DESIGNED	---	---
CHECKED	---	---
 JEREMY FRANZINI EXP. 06-30-19 R. L. A. 4514 08-17-18 DATE		

(A) WIRE MESH FENCE W/ STEEL POSTS

N.T.S.

(B) WHEELCHAIR ACCESSIBLE PLOT W/ RAISED GARDEN BEDS

(C) COMPOST SYSTEM

REVISIONS		BY	APPROVED	DATE	COORDINATE INDEX	
					XXXX N	XXXX
					CONST. COMPL. _____	
					FIELD REVISIONS	

SWEETWATER COMMUNITY GARDENS AT SWEETWATER REGIONAL PARK

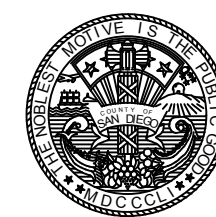
	CONSTRUCTION DETAILS
--	-----------------------------

N.T.S.

CD-2

SCALE: HOR. _____	VERT. <u>XX</u>
W.A. <u>XXXX</u>	R.S. <u>XXXX</u>
SHEET <u>5</u> OF <u>7</u>	

COUNTY OF SAN DIEGO
DEPARTMENT OF PARKS AND RECREATION
 5500 OVERLAND AVENUE, SAN DIEGO, CA 92123-1295



Michael Baker
INTERNATIONAL

9755 Clairemont Mesa Blvd.
San Diego, CA 92124
Phone: (858) 614-5000
MBAKERINTL.COM

H: \pdata\165701\CADD\LArch\Div\5-165701-CD-02.dwg Thursday, Aug. 16 2018 3:48pm elise.caille

-1 0 1 2 3 4 5 6 7 8 9 10

PLANS

DESIGNED

CHECKED

BY

DATE

REGISTERED LANDSCAPE ARCHITECT

JEREMY FRANZINI L.C. NO. 151

SIGNATURE

JUNE 30, 2019

RENEWAL DATE

08-17-18

DATE

STATE OF CALIFORNIA

08-17-18

DATE

JEREMY FRANZINI

R.L.A. 4514

EXP. 06-30-19

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
HB	MATCO-NORCA 203TFLF OR EQUAL 3/4" LEAD FREE BRASS BENT NOSE GARDEN VALVE HOSE BIBB.	DETAIL A THIS SHEET
X	MATCO-NORCA 759 BRASS SHUT OFF BALL VALVE. TWO PIECE BODY, BLOW-OUT PROOF STEM. CHROME PLATED SOLID BRASS BALL, THREADED, WITH PTFE SEATS. SAME SIZE AS MAINLINE PIPE.	SDRSD I-11
X	MATCO-NORCA 514TX BRASS GATE VALVE, FULL PORT, WITH SOLID WEDGE. IPS. CROSS HANDLE. SAME SIZE AS MAINLINE PIPE.	SDRSD I-12
M	GRISWOLD 2250NE 3" 3" PRESSURE REDUCING, SURGE ANTICIPATION, NORMALLY CLOSED MASTER VALVE. LIGHTNING PROTECTED. EPOXY COATING. CAST IRON AND BRONZE MATERIAL. NPT END CONNECTION. LOW POWER SOLENOID.	SDRSD I-10
C	DIG LEIT-2ET-RC2ET-30-830 TWO STATION, AMBIENT LIGHT (SOLAR) POWERED, IRRIGATION SYSTEM CONTROLLER, REMOTE CONTROL HANDSET AND VALVE BOX MOUNTING DOME WITH 8 SCREWS ATTACHMENT TO LOCKABLE GREEN VALVE BOX COVER. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. CONNECT TO MASTER VALVE.	-
BF1	FEBCO 825Y 2" REDUCED PRESSURE BACKFLOW PREVENTER W/ STAINLESS STEEL ENCLOSURE	SDRSD WR-01
BF2	FEBCO 825Y 3/4" REDUCED PRESSURE BACKFLOW PREVENTER W/ STAINLESS STEEL ENCLOSURE	SDRSD WR-01
M	WATER METER 2"	SDRSD WS-02
---	IRRIGATION PRESSURIZED MAINLINE LATERAL : 3/4" PVC SCHEDULE 40 INSTALL WITH RAIN BIRD PSI-L30X-075 PRESSURE REGULATOR (NOT SHOWN) FOR EACH HOSE BIBB LATERAL - BURY 24".	SDRSD I-25
---	IRRIGATION PRESSURIZED MAINLINE: 3" PVC CLASS 315 SDR 13.5 - BURY 24".	SDRSD I-25 & WT-01

CRITICAL ANALYSIS

Generated: 2018-05-18 10:27

P.O.C. NUMBER: 01
Water Source Information:

FLOW AVAILABLE
Water Meter Size: 2"
Flow Available: 70.55 gpm

PRESSURE AVAILABLE - FIELD VERIFY
Static Pressure at POC: 60.00 psi
Elevation Change: 5.00 ft
Service Line Size: 2"
Length of Service Line: 20.00 ft
Pressure Available: 57.00 psi

DESIGN ANALYSIS
Maximum Multi-valve Flow: 70.00 gpm
Flow Available at POC: 70.55 gpm
Residual Flow Available: 0.55 gpm

Critical Station: Farthest Point
Design Pressure: 30.00 psi
Friction Loss: 2.16 psi
Fittings Loss: 0.22 psi
Elevation Loss: 0.00 psi
Loss through Valve: 1.50 psi
Pressure Req. at Critical Station: 33.87 psi
Loss for Fittings: 0.55 psi
Loss for Main Line: 5.47 psi
Loss for POC to Valve Elevation: 0.00 psi
Loss for Backflow: 12.28 psi
Loss for Water Meter: 3.70 psi
Critical Station Pressure at POC: 55.87 psi
Pressure Available: 57.00 psi
Residual Pressure Available: 1.13 psi

A HOSE BIBB N.T.S.

SEE SHEETS ID-1
FOR IRRIGATION DETAILS

IR-1

COUNTY OF SAN DIEGO
DEPARTMENT OF PARKS AND RECREATION
5500 OVERLAND AVENUE, SAN DIEGO, CA 92123-1295

Michael Baker
INTERNATIONAL
9755 Clairemont Mesa Blvd.
San Diego, CA 92124
Phone: (858) 614-5000
MBAKERINTL.COM

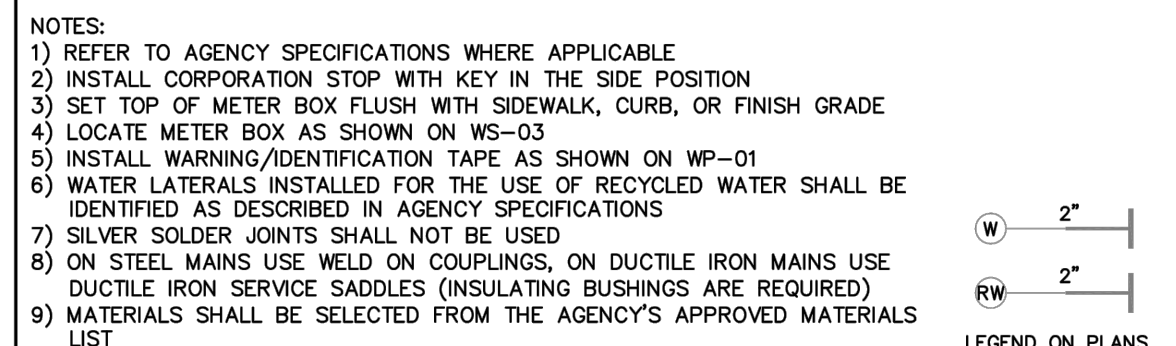
REVISIONS	BY	APPROVED	DATE

COORDINATE INDEX
XXXX N XXXX E
CONST. COMPL.
FIELD REVISIONS

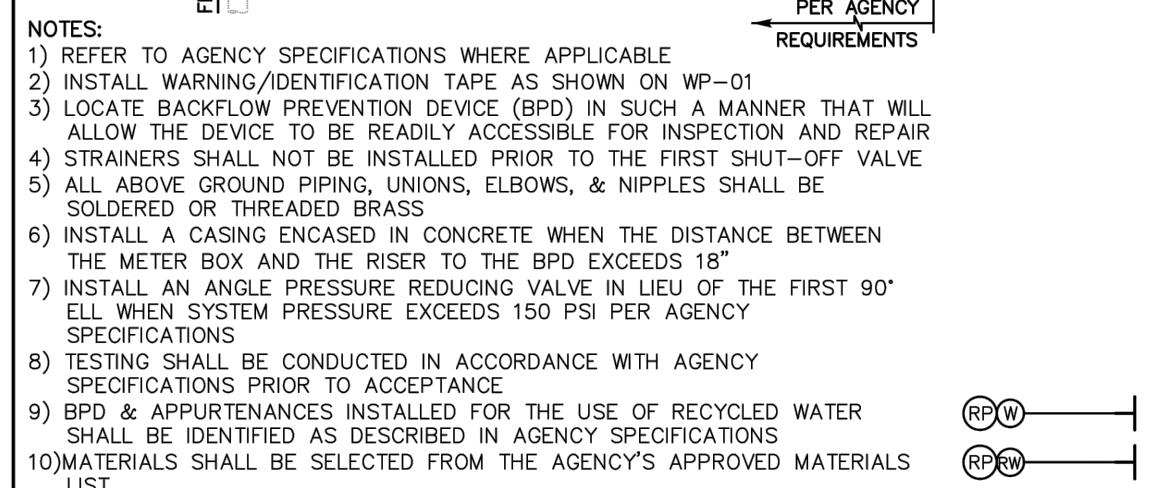
SWEETWATER COMMUNITY GARDENS
AT SWEETWATER REGIONAL PARK
IRRIGATION PLAN

SCALE: HOR. 1"=50' VERT. 1"=50'
W.A. XXXX R.S. XXXX
SHEET 6 OF 7

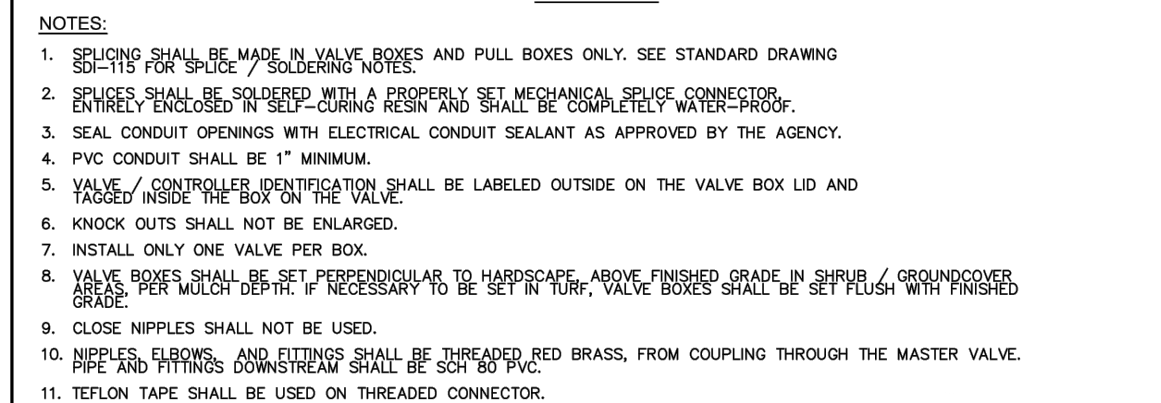
H:\pdata\165701\CADD\Larch\DWG 6-165701-IR-01.dwg Thursday, Aug. 16 2018 3:48pm elise.cdlle



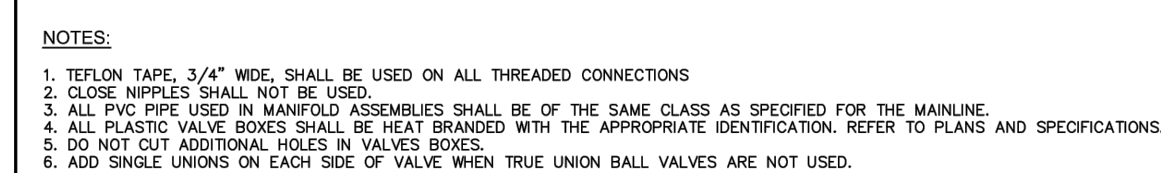
Revision	By	Approved	Date	SAN DIEGO REGIONAL STANDARD DRAWING	RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE  12/17/2016 Chairman R.C.E. 19246 Date
ORIGINAL		Kercheval	12/75		
Add Metric		T. Stanton	03/03		
Replace W-02		J. Tomasulo	10/04		
Delete Metric	MR	B. KNOLL	03/11		
Reviewed	MR	B. KNOLL	10/15	2" WATER SERVICE INSTALLATION	DRAWING NUMBER WS-02



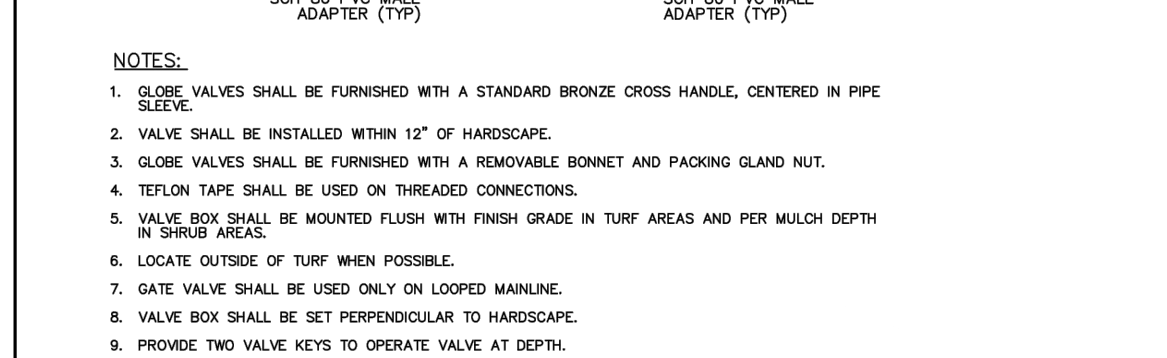
Revision	By	Approved	Date	SAN DIEGO REGIONAL STANDARD DRAWING 3/4" THRU 2" REDUCED PRESSURE BACKFLOW PREVENTION DEVICE	RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE <i>[Signature]</i> 12/19/2011 Chairperson R.C.E. 19246 Date
ORIGINAL		Kercheval	12/75		DRAWING NUMBER WR-01
Add Metric		T. Stanton	03/03		
Replaced W-27		J. Tomasulo	10/04		
Delete Metric	MR	B. KNOLL	03/11		
Add Note 11 BK		B. KNOLL	4/15		



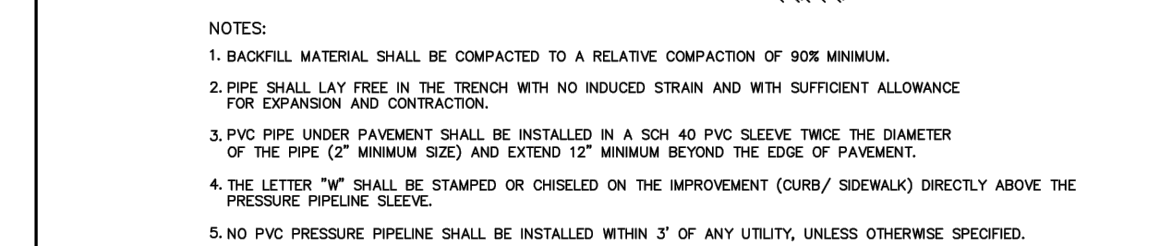
Revision	By	Approved	Date	SAN DIEGO REGIONAL STANDARD DRAWING IRRIGATION MASTER VALVE	RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE
ORIGINAL		Kercheval	12/75		 12/17/2015 Chalmers R.C.E. 19246 Date
Add Metric		T. Stanton	03/03		
Update		M. Caro	04/05		
Delete Metric	KA	N. Botto	11/11		
Reviewed	KA	N. Botto	10/15		DRAWING NUMBER I-10



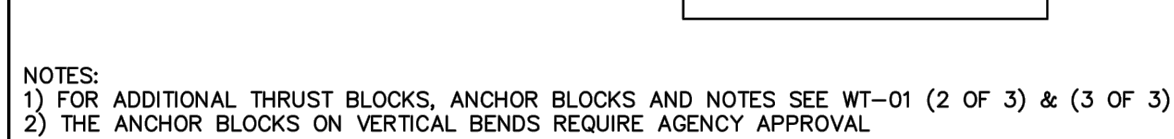
Revision	By	Approved	Date	SAN DIEGO REGIONAL STANDARD DRAWING	RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE	
ORIGINAL		Kercheval	12/75		ISOLATION BALL VALVE 2" AND SMALLER	 Christopher R.C.E. 19246 12/17/201
Add Metric		T. Stanton	03/03			
Update		M. Caro	02/05			
Delete Metric	KA	N. Botta	11/11			
Reviewed	KA	N. Botta	10/15			
				DRAWING NUMBER	I-11	



Revision	By	Approved	Date	SAN DIEGO REGIONAL STANDARD DRAWING ISOLATION GLOBE/GATE VALVE 2 1/2" AND LARGER	RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE
ORIGINAL	KA	N. Batta	11/11		 12/17/2015
Reviewed	KA	N. Batta	10/15		Chapperson R.C.E. 19246 Date
					DRAWING NUMBER
					I-12



Revision	By	Approved	Date	SAN DIEGO REGIONAL STANDARD DRAWING IRRIGATION TRENCH PVC OR COPPER PIPE	RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE
ORIGINAL		Kerchaval	12/75		 12/17/2006 Chapman R.C.E. 19246 Date
Add Metric		T. Stanton	03/03		
Update		M. Caro	06/04		
Update	KA	N. Batta	11/11		
Reviewed	KA	N. Batta	10/15	DRAWING NUMBER	I-25



Revision	By	Approved	Date	SAN DIEGO REGIONAL STANDARD DRAWING CONCRETE THRUST AND ANCHOR BLOCK INSTALLATIONS	RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE
ORIGINAL		Kerchival	12/78		
Add Metric		T. Stanton	03/03		12/17/04
Rpt. W-17 Revised		J. Tomasulo	10/04		Coalgton R.C.E. 19246
Delete Metric	MR	B. KNOLL	03/11		Date
Drawn by		B. KNOLL	10/18	DRAWING NUMBER	WT-01 (1 OF 3)

VALVE SUPPORT PLAN

VALVE SUPPORT ELEVATION

VALVE SUPPORT

CONCRETE BLOCK TYPICAL

BOTTOM OF TRENCH TYP

DIM "A"

DIM "B"

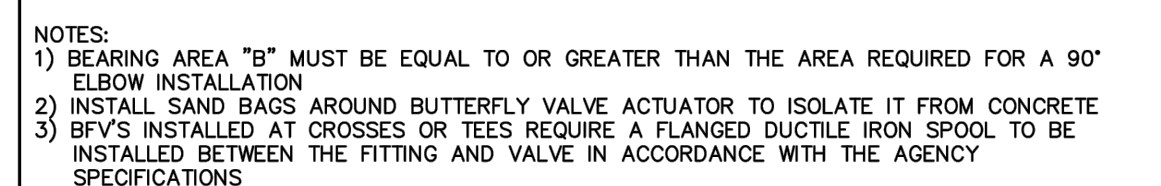
DIMENSION "C"

DIMENSION "A" CLEAR BELL OR FLG, SEE NOTE 5

NOTES:

- 1) REFER TO AGENCY SPECIFICATIONS WHERE APPLICABLE
- 2) BEARING AREA BASED ON SOIL BEARING VALUE OF 1500 PSF AND 225 PSI LINE PRESSURE
AND A MINIMUM OF 36" COVER
FOR BEARING= 1000' PSF, 1.5 x AREA SHOWN
FOR BEARING= 500' PSF, 3.0 x AREA SHOWN
- 3) DESIGN ENGINEER SHALL DETERMINE SIZES, REFER TO AGENCY SPECIFICATIONS FOR TRUST AND ANCHOR BLOCK SIZING
- 4) ALL TRUST AND ANCHOR BLOCKS ARE CENTERED ON THE FITTING SO THAT THE BEARING AREA IS EXACTLY OPPOSITE THE RESULTANT DIRECTION OF TRUST
- 5) ALL TRUST AND ANCHOR BLOCKS SHALL BE POURED AGAINST WETTED UNDISTURBED SOIL
- 6) FOR ADDITIONAL TRUST AND ANCHOR BLOCKS SEE WT-01 (1 OF 3) & (3 OF 3)

Revision	By	Approved	Date	SAN DIEGO REGIONAL STANDARD DRAWING CONCRETE THRUST AND ANCHOR BLOCK INSTALLATIONS	RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE
ORIGINAL		Karchevan	12/79		
Add Metric		T. Stanton	03/03		12/18/03
Repl. W-17 through W-23		J. Tomasulo	10/04		Chapter on R.C.E. 19246
Delete Metric	M.R.	B. KNOLL	03/11		DRAWING NUMBER
Reviewed	M.R.	B. KNOLL	10/15		WT-01 (2 of 2)



Revision	By	Approved	Date	SAN DIEGO REGIONAL STANDARD DRAWING CONCRETE THRUST AND ANCHOR BLOCK INSTALLATIONS	RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE  <i>J. Stanton</i> 12/17/72 Chairman R.C.E. 19246 12/17/72
ORIGINAL		Kercheval	12/7/75		
Add		T. Stanton	03/03/03		
Repl. W-17, through W-23		J. Stanton	10/04/04		
Delete Metric	MR	B. KNIGL	03/11/16		
Revised	MR	D. KNIGL	10/16/16		DRAWING NUMBER WT-01 (3 of