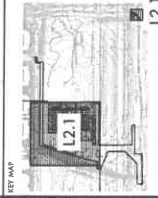


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1. ALL REGION AND SEGMENT CONTROL MEASURES SHALL BE CONSTRUCTED DURING THE FIRST WEEK OF CONSTRUCTION.
2. REGION AND SEGMENT CONTROL SHALL REMAIN THROUGHOUT CONSTRUCTION AND BE REMOVED AND REPOSED DURING MAINTENANCE PERIOD.
3. REGION AND SEGMENT CONTROL SHALL BE ADJUSTED THROUGH CONSTRUCTION WITH APPROVAL OF THE DISTRICT ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE REGION AND SEGMENT CONTROL MEASURES.
4. CONTRACTOR SHALL MAINTAIN STREETS AND PARKING AREA ADJACENT BY CONSTRUCTION WITH STREET SURVEYS REQUIRED TO KEEP PAVED PLANS OF CONSTRUCTION ORDER.
5. NEEDS TO BEET C.O.2 FOR THE KEY OF ROADS/PAVEMENT IMPROVEMENTS REGION AND SEGMENT CONTROL HOTEL.
6. THE SWEEP SHALL BE MAINTAINED AND MONITORED BY THE CONTRACTOR AND SHALL BE A TUNING

SYMBOL	DESCRIPTION	UNIT	REF.
	STORM DRAIN INLET PROTECTION INSTALLATION - CONTRACTORS TO PROVIDE A SUITABLE PROTECTION METHOD, AT EACH POINTS THAN INLET THE CITY OF ROADWAYS STANDARD.	$\frac{1}{12.3}$	
	FIBRE GLASS INSTALLATION PER CITY OF ROADWAYS STANDARDS	$\frac{1}{12.3}$	
	CONCRETE WITHOUT INSTALLATION - PROVIDE A WITHOUT INLET FOR CONSTRUCTION WASHOUT AND REMOVE AT END OF CONSTRUCTION.	$\frac{1}{12.3}$	
	CONSTRUCTION PAVING AREA	$\frac{1}{12.3}$	
	DIRECTION OF SURFACE FLOW		
	ADD TRENCH DRAIN CHANNEL PROTECTION ONCE INSTALLED UNTIL GRADE ESTABLISHMENT AND COVERAGE IS COMPLETE.		



SHEET TITLE

EROSION CONTROL
PLAN

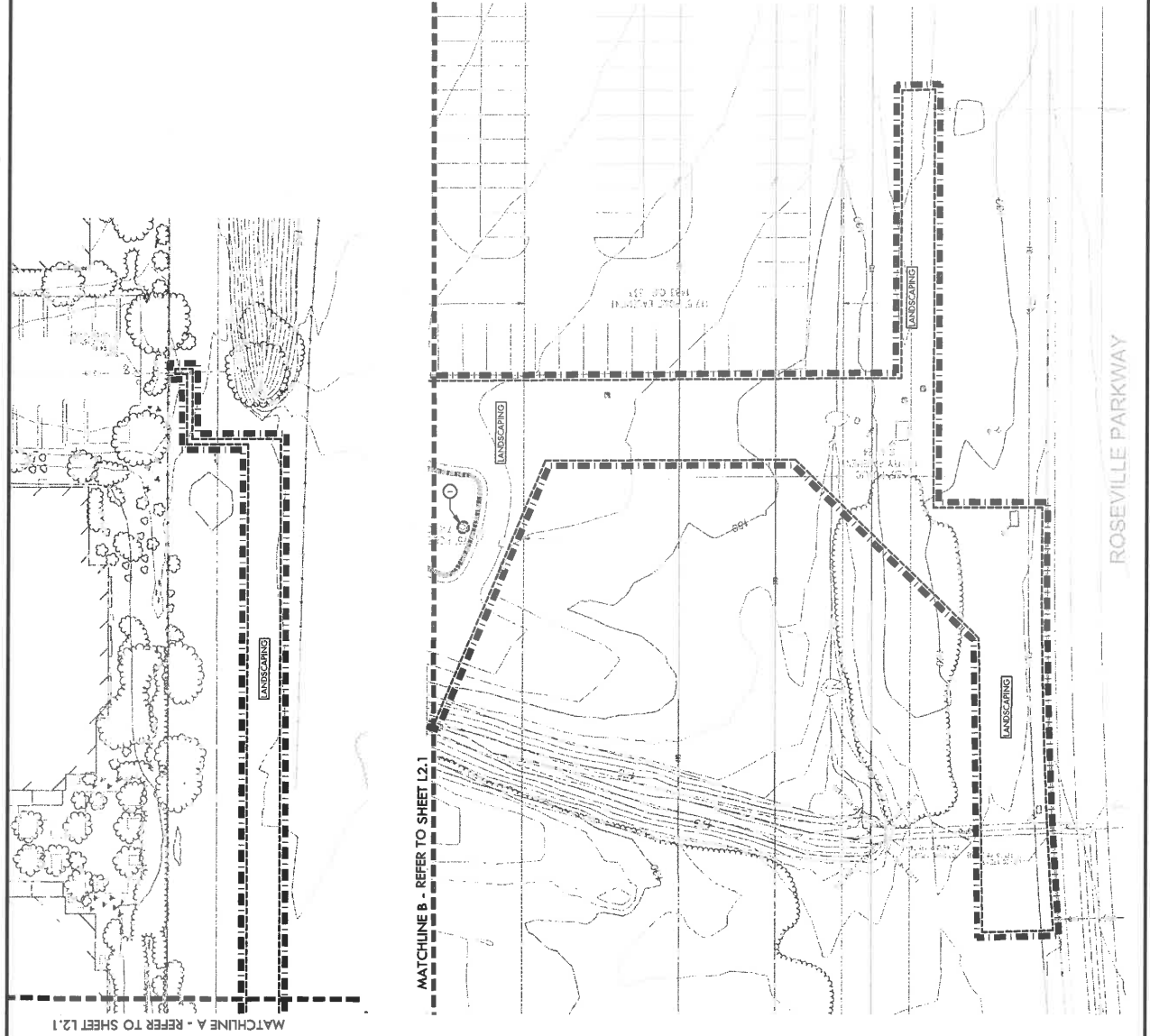
GIBSON
PARK

PROJECT ADDRESS
1099 ROSEVILLE PARKWAY
ROSEVILLE, CA 95678

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DRAWN BY	AL	CHECKED BY	CS
DATE ISSUED	05/20/2022	SCALE	1"=20'-0"
PROJ. NO.		2014500	

Sheet No. **L2.1** OF **1** SHEETS
EROSION CONTROL PLAN



EROSION AND SEDIMENT CONTROL NOTES

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED DURING THE FIRST WEEK OF CONSTRUCTION.
- EROSION AND SEDIMENT CONTROL SHALL REMAIN THROUGHOUT CONSTRUCTION AND BE REMOVED AND DISPOSED OF DURING MAINTENANCE PERIOD.
- EROSION AND SEDIMENT CONTROL MAY BE ADJUSTED THROUGH CONSTRUCTION WITH APPROVAL OF THE CITY OF ROSEVILLE.
- SWPPP AS REQUIRED TO KEEP PAVING CLEAN OF CONSTRUCTION MATERIALS.
- SEE SHEET C03 FOR THE CITY OF ROSEVILLE PUBLIC IMPROVEMENTS DESIGN AND SEDIMENT CONTROL NOTES.
- THE SWPPP SHALL BE IMPLEMENTED AND MONITORED BY THE CONTRACTOR AND SHALL BE A "LIVING DOCUMENT" REFLECTING THE STATUS OF CONSTRUCTION WORK AS IT PROGRESSES.

EROSION AND SEDIMENT CONTROL LEGEND

SYMBOL	DESCRIPTION	PR. REF.
	STORM DRAIN INLET PROTECTION INSTALLATION. CONTRACTOR TO PROVIDE ARTICULATE PROTECTION METHOD AT EACH NOTED DRAIN INLET PER THE CITY OF ROSEVILLE STANDARDS.	(1)
	TREE ROLL INSTALLATION PER CITY OF ROSEVILLE'S STANDARDS.	(2)
	CONCRETE WALKOUT INSTALLATION - PROVIDE A WALKOUT RUN FOR CONSTRUCTION MATERIAL AND EQUIPMENT PER CITY OF CONSTRUCTION.	(3)
	CONSTRUCTION STAGING AREA	(4)
	DIRECTION OF SURFACE FLOW	(5)
	POST-TENSION DRAIN CHANNEL PER DESIGN. CHECK INFILLED UNDER GRADE STABILIZATION AND COVERAGE IS COMPLETE.	(6)

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
2014500
1099 ROSEVILLE PARKWAY
ROSEVILLE, CA 95678
TEL: 916.455.1400
WWW.VERDEDESIGN.COM

EROSION CONTROL PLAN

GIBSON PARK

PROJECT ADDRESS
1099 ROSEVILLE PARKWAY
ROSEVILLE, CA 95678

SUBMITTAL	DATE
30% SUBMITTAL	08/12/22
75% SUBMITTAL	08/12/22
100% SUBMITTAL	08/12/22

DATE	REVISIONS
05/20/2022	CS

PROJECT NO. 2014500

SHEET NO. L2.2

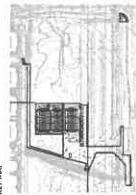
EROSION CONTROL PLAN



CS-140P



KEY MAP



SHEET TITLE

EROSION CONTROL
DETAILS

PROJECT NAME

GIBSON
PARK

PROJECT ADDRESS

1099 ROSEVILLE PARKWAY
ROSEVILLE, CA 95678

DATE

SUBMITTAL

30% SUBMITTAL

75% SUBMITTAL

100% SUBMITTAL

DATE

DATE

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- NOTES:
1. VERIFY FIBER ROLL IS A NEW ROLL & NOT REUSED.
 2. VERIFY FIBER ROLL IS A NEW ROLL & NOT REUSED.
 3. VERIFY FIBER ROLL IS A NEW ROLL & NOT REUSED.
 4. VERIFY FIBER ROLL IS A NEW ROLL & NOT REUSED.
 5. VERIFY FIBER ROLL IS A NEW ROLL & NOT REUSED.

A FIBER ROLL INSTALLATION
(CITY OF ROSEVILLE STANDARD BMP-5)

NTS

L2.3

OF

SHEETS

EROSION CONTROL DETAILS

C CONCRETE WASHOUT INSTALLATION
(CITY OF ROSEVILLE STANDARD BMP-10)

NTS

L2.3

OF

SHEETS

EROSION CONTROL DETAILS

B STORM DRAIN INLET PROTECTION INSTALLATION
(CITY OF ROSEVILLE STANDARD BMP-11)

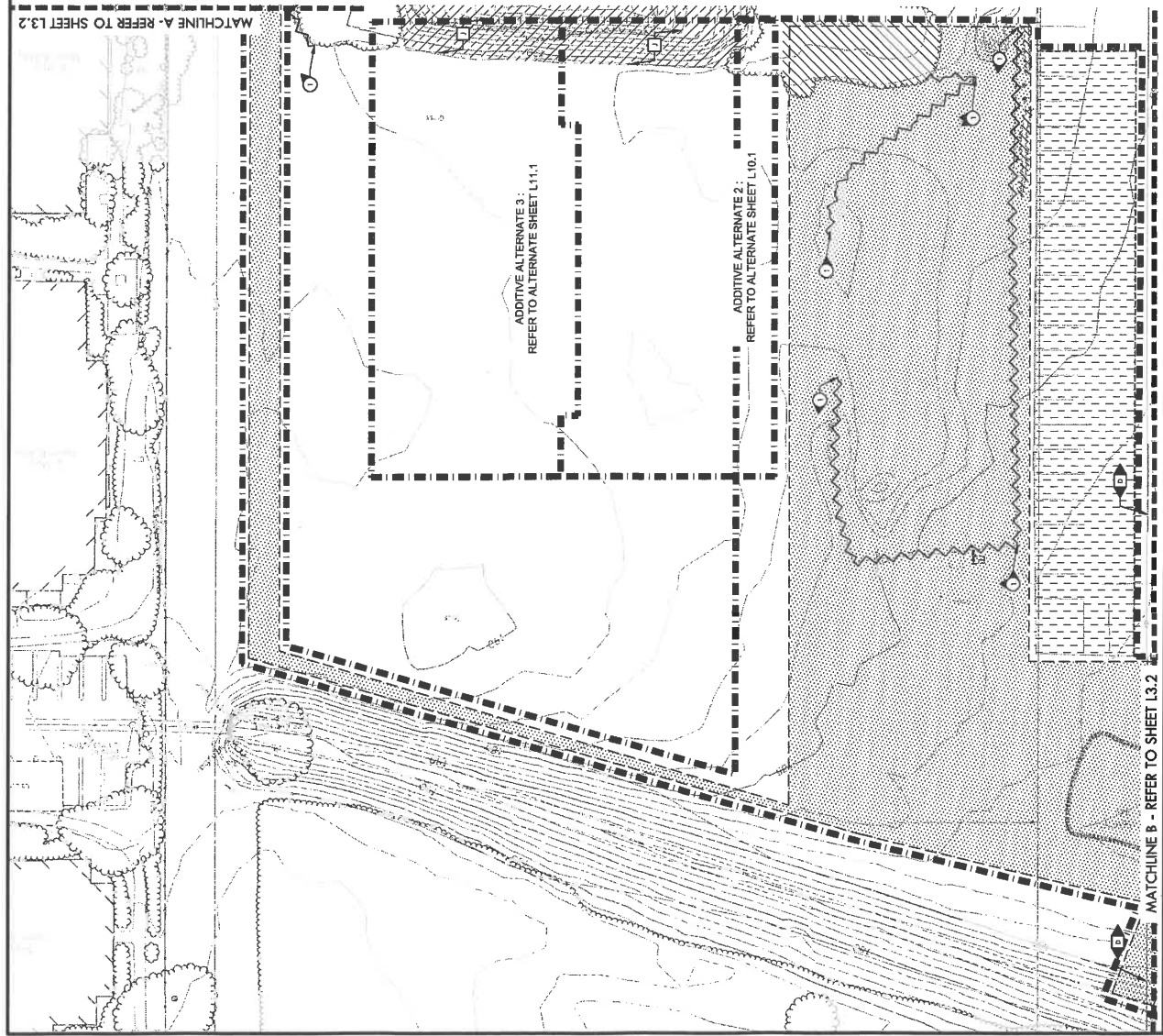
NTS

L2.3

OF

SHEETS

EROSION CONTROL DETAILS



DEMOLITION ITEMS

- | | |
|---------------------------------------|---|
| ITEMS TO BE DEMOLISHED AND/OR REMOVED | <p>① USING PICKING TO BE REMOVED.</p> <p>ITEMS TO BE PROTECTED OR RELOCATED</p> <p>② POWER POLE TO REMAIN AND BE PROTECTED.</p> <p>③ SANITARY SEWER LINE TO REMAIN AND BE PROTECTED.</p> <p>④ ELECTRICAL/UTILITY BOX TO REMAIN AND BE PROTECTED.</p> <p>⑤ OVERHEAD UTILITY LINES TO REMAIN AND BE PROTECTED.</p> <p>⑥ HAZARDOUS TO REMAIN AND BE PROTECTED.</p> <p>⑦ STREET LIGHT TO REMAIN AND BE PROTECTED.</p> <p>⑧ GRAVEL PILE TO BE REMAIN AND BE PROTECTED.</p> <p>⑨ HEADWALL REMAIN AND BE PROTECTED.</p> <p>⑩ PIPE PILE TO REMAIN AND BE PROTECTED.</p> <p>⑪ ASH TO REMAIN ON SITE AND BE MOVED OUT OF THE WAY OF WORK AREA PRIOR TO START OF CONSTRUCTION. IN PLACEMENT TO BE DESIGNATED BY OWNER.</p> <p>⑫ DRAINAGE STRUCTURE AND LINE TO REMAIN AND BE PROTECTED.</p> <p>⑬ WATER MAIN/POX TO REMAIN AND BE PROTECTED.</p> <p>⑭ FREEZE OFF LINE TO REMAIN AND BE PROTECTED.</p> |
|---------------------------------------|---|

DEMOLITION NOTES

1. THE CONTRACTOR SHALL PREPARE ALL NECESSARY ERECTION, DEMOLITION, REMOVAL OF OBSTRUCTIONS AND SITE PREPARATION WORK PRIOR TO THE COMMENCEMENT OF THE ERECTION OF ANY ABOVE GROUND WORK. THE CONTRACTOR SHALL PROVIDE THE REQUIRED COORDINATION FOR THIS TIMELY CONSTRUCTION SCHEDULE.
2. FOUNDATION, EXCAVATION AND/OR EROSION SHALL BE REQUIRED DURING ERECTION, REMOVAL AND/OR EROSION AS WELL AS REQUIRED DURING DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY TEMPORARY SERVICES AS NECESSARY.
3. THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EARTH AND EXISTING CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCIES.
4. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, INCLUDING BUT NOT LIMITED TO, WATER, GAS, ELECTRIC, CABLE, AND OTHER UTILITIES SHOWN AND THE ACTUAL DEPTHS SHOWN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY TEMPORARY SERVICES AS NECESSARY.
5. ALL EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY TEMPORARY SERVICES AS NECESSARY.
6. PRIOR TO ANY DEMOLITION WORK, CONTRACTOR SHALL NOTIFY THE SELF-SUPPORTING STRUCTURAL ENGINEERING AND ARCHITECTURAL CONSTRUCTION CONSULTANT FURNISHING THE CONTRACT DOCUMENTS OF THE LOCATION OF ALL EXISTING UTILITIES AND/OR TEMPORARY ACCESS GATES AS REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY TEMPORARY SERVICES AS NECESSARY.
7. PRIOR TO ANY DEMOLITION WORK, CONTRACTOR SHALL NOTIFY ALL TEMPORARY A FOOTING. THESE GATES SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY TEMPORARY SERVICES AS NECESSARY.
8. DEMOLITION SHALL INCLUDE THE REMOVAL OF ITEM AND ANY FOUNDATION WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY TEMPORARY SERVICES AS NECESSARY.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY TEMPORARY SERVICES AS NECESSARY.

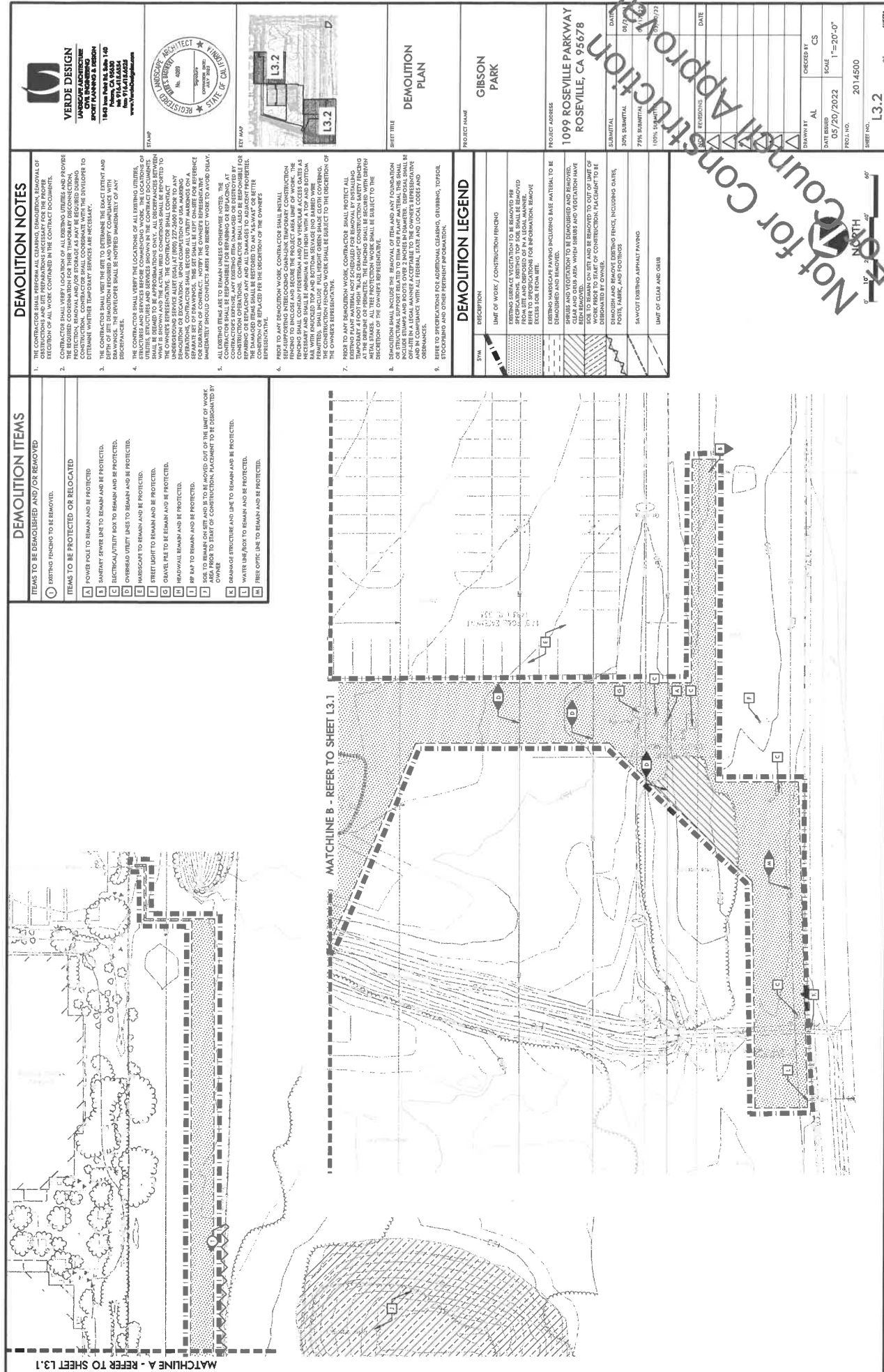
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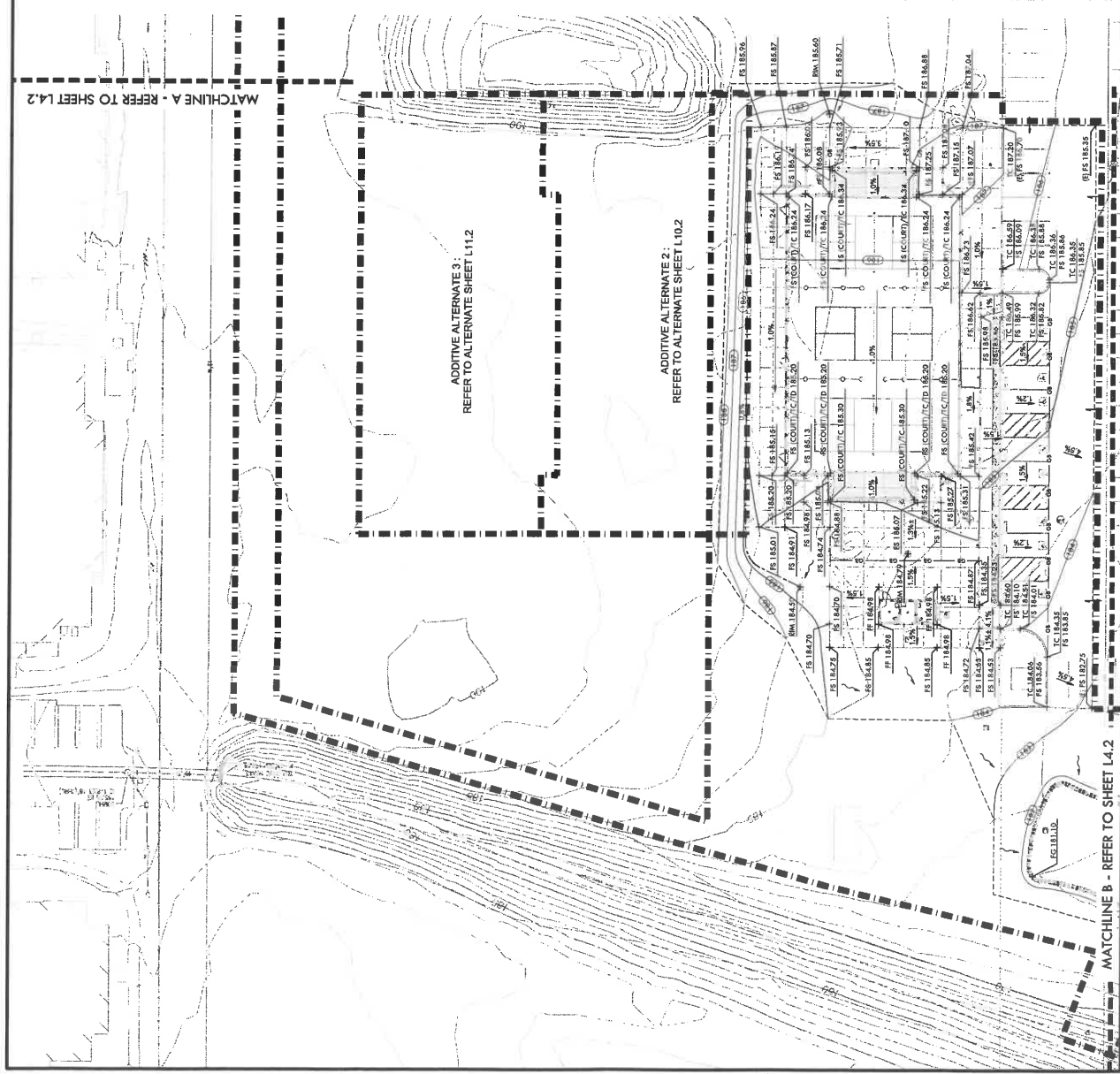
PROJECT NAME	GIBSON PARK		
PROJECT ADDRESS	1099 ROSEVILLE PARKWAY ROSEVILLE, CA 95678		
SUBMITTAL	DATE	BY	FOR
100% SUBMITTAL	08/22/08	10/17/08	10/22/08
75% SUBMITTAL			
100% SUBMITTAL			

MATCHLINE B - REFER TO SHEET L3.2

31

OF SHEET 3





GRADING NOTES

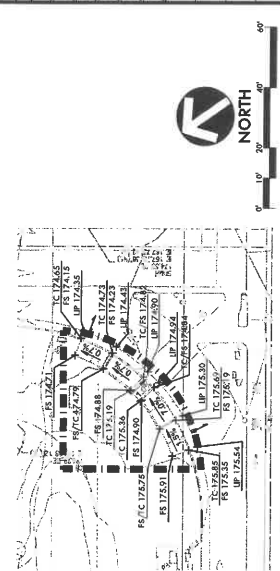
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GRADING LEGEND

SYA	DESCRIPTION
	LIMIT OF WORK
	PROPOSED CONTOUR
PG 32.00	PROPOSED FINISH GRADE ELEVATION OF SORTECAVE
PG 32.00	PROPOSED FINISH SURFACE ELEVATION OF HARDSCAPE
FF 32.00	PROPOSED FINISHED FLOOR ELEVATION
FF 32.00	PROPOSED FLOW LINE ELEVATION OF HARDSCAPE
BM 31.00	LOW POINT / MIN. ELEVATION OF DRAIN
TC 32.50	TOP OF CURB
TWS 31.00	TOP OF WALL
JTB 32.50	TOP OF FRENCH DRAIN
-----	CENTER LINE OF PHASE
-----	GRADE BREAK
---	CONFORM TO EXISTING GRADE
---	LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE
~~~~~	FLOW DIRECTION IN SORTECAVE
~~~~~	EXISTING CONTOUR
~~~~~	EXISTING ELEVATION

## EARTHWORK CALCULATION

VOLUMES (CY)		COMP./RATIO	NET BALANCE (CY)
CUT (CY):	1500	CUT: 1	
FILL (CY):	100	FILL: 1	1400 REMOVE





**VERDE DESIGN**  
LANDSCAPE ARCHITECTURE  
SPORT PLANNING & DESIGN  
1840 Iowa Park Rd. Suite 140  
Folsom, CA 95630  
Tel: 916.411.5555  
Fax: 916.411.5555  
www.verdedesign.com





**GRADING  
PLAN**

4867 FILE

**GIBSON  
PARK**

**1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678**

SUBMITTAL		DATE
50% SUBMITTAL	50% SUBMITTAL	08/24/21
50% SUBMITTAL	50% SUBMITTAL	01/07/23
50% SUBMITTAL	50% SUBMITTAL	05/29/22

REVISIONS		DATE

APPROVED BY		CHECKED BY
DK	CS	

PROJECT INFO	
PROJECT NO.	2014500
DATE	05/20/2022
SCALE	1"=20'-0"





DRAINAGE & UTILITY LEGEND	
1	DOMESTIC WATER POINT OF CONNECTION, CONTRACTOR TO VERIFY LOCATION PRIOR TO DRIVING DRAINAGE CITY IN WELLS.
2	DOMESTIC WATER CONNECTION TO BUILDING, REFER TO ARCHITECTURAL PLANS.
3	DOMESTIC WATER CONNECTION TO BUILDING, REFER TO ARCHITECTURAL PLANS.
4	SANITARY SEWER POINT OF CONNECTION, CONTRACTOR TO VERIFY LOCATION PRIOR TO DRIVING DRAINAGE CITY IN WELLS.
5	SANITARY SEWER CONNECTION TO BUILDING, REFER TO ARCHITECTURAL PLANS.
6	SANITARY SEWER CONNECTION TO BUILDING, REFER TO ARCHITECTURAL PLANS.
7	TRENCH DRAIN TO STORM DRAIN CONNECTION, REFER TO ARCHITECTURAL PLANS.
8	TO IRRIGATION SYSTEM, REFER TO IRRIGATION PLANS FOR ADDITIONAL INFORMATION.
9	IRRIGATION
10	INVERT
11	RAIN ELEVATION
12	UP
13	SLOPE
14	MINIMUM
15	TRENCH DRAIN ELEVATION
16	N, S, E, W

- DRAINAGE & UTILITY NOTES**
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES, STRUCTURES, AND SERVICES BEFORE COMMENCING WORK. THE LOCATION OF UTILITIES, STRUCTURES, AND SERVICES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE CITY OF ROSEVILLE (916) 222-2600 PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE CITY OF ROSEVILLE (916) 222-2600 PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE CITY OF ROSEVILLE (916) 222-2600 PRIOR TO ANY CONSTRUCTION.
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DRAINAGE & UTILITY LEGEND	
SYM	DESCRIPTION
1	CATCH BASIN, (C) SIZE PER PLAN
2	JUNCTION BOX, (J) SIZE PER PLAN
3	SANITARY SEWER CLEANOUT, (SSCO)
4	ENERGY DISCONNECT
5	NECO GATE VALVE, 2" AND SMALLER SHALL BE NECO 1.5" UP FOR VALVES ABOVE 2" IN SIZE UNLESS NECO 1.5" FLANGED VALVE WITH ISOLATE OPERATING MET.
6	CLEANOUT IN ROOF/INTENTION AREA, (COT), SIZE PER PLAN
7	CLEANOUT AREA OVER WITH GRASS/STANDPIPE AT ROOF/INTENTION AREA, SIZE PER PLAN
8	BOTTOM OF ROOF/INTENTION AREA
9	TRENCH DRAIN
10	SOLID WALL STORM DRAIN
11	INFILTRATION TRENCH (IT) AT ROOF/INTENTION AREA, SIZE PER PLAN
12	SANITARY SEWER LINE
13	DOMESTIC WATER LINE
14	1" DOMESTIC WATER AFTER INFORMATION THROUGH THE CITY AND INSTALL IN APPROPRIATE LOCATION AS SHOWN ON THE PLANS. INFORMATION CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT. 1" DOMESTIC WATER AFTER INFORMATION THROUGH THE CITY AND INSTALL IN APPROPRIATE LOCATION AS SHOWN ON THE PLANS. INFORMATION CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT. 1" DOMESTIC WATER AFTER INFORMATION THROUGH THE CITY AND INSTALL IN APPROPRIATE LOCATION AS SHOWN ON THE PLANS. INFORMATION CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT.
15	WASTY 1" ACCEL 1000 MACROFLOW PREVENTER BENCH, INSTALL PER CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT STANDARDS AND DETAILS, LATEST EDITION.

VERDE DESIGN  
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CIVIL ENGINEERING  
PROJECT PLANNING & DESIGN  
1000 PARKWAY 140  
SUITE 100  
ROSEVILLE, CA 95660  
www.verdedesign.com

**DRAINAGE AND UTILITY PLAN**

**GIBSON PARK**

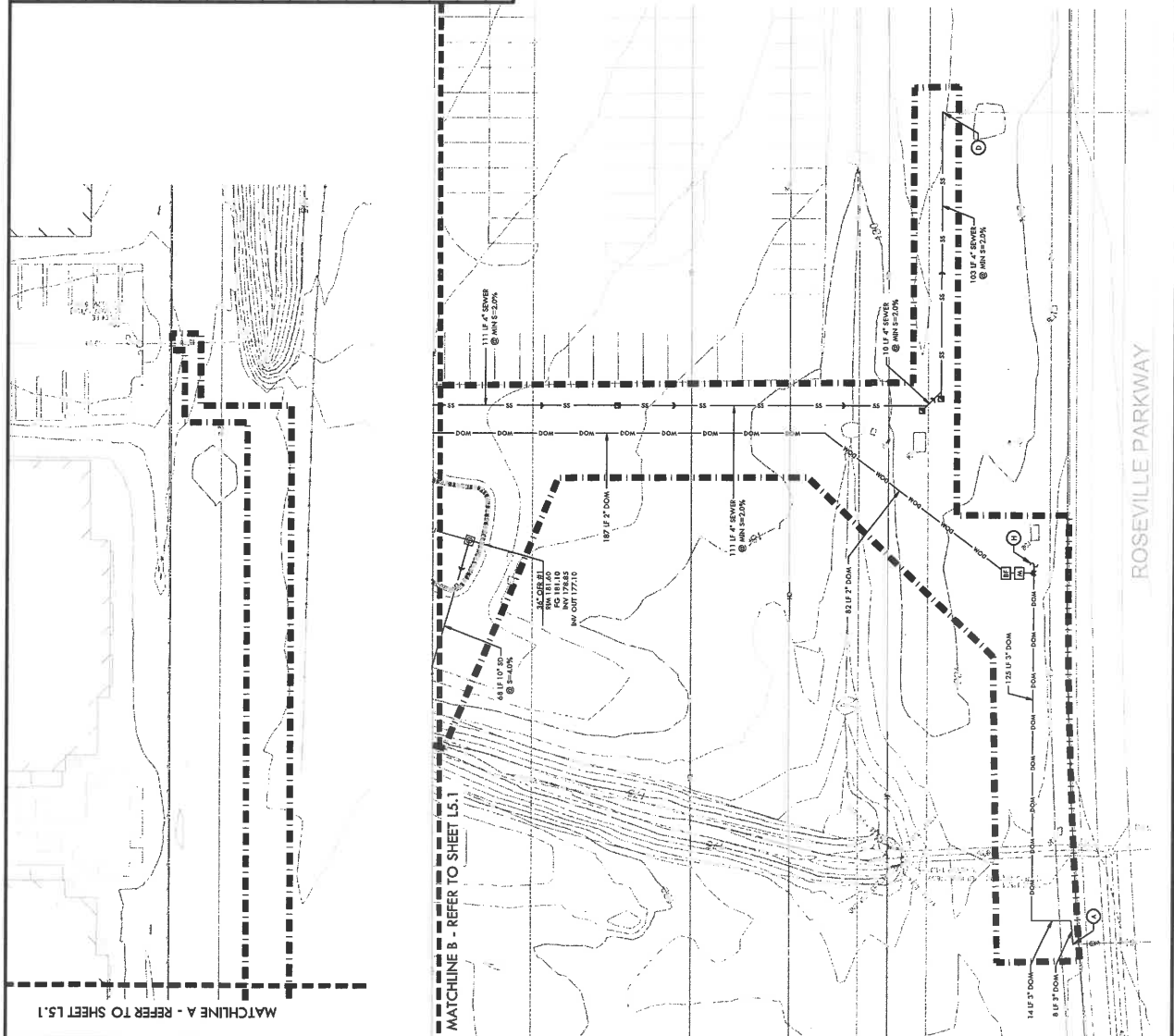
PROJECT ADDRESS  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

PROJECT SHEET  
SUBMITTAL  
DATE  
05/20/2022  
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1"=20'-0"

PROJECT NO.  
2014500

SHEET NO.  
L5.1

DRRAINAGE AND UTILITY PLAN



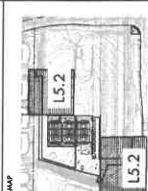
DRAINAGE & UTILITY LEGEND	
1	DOMESTIC WATER POINT OF CONNECTION, CONTRACTION TO VERIFY LOCATION PRIOR TO EXISTING DRAINAGE TO CITY IN WISCONSIN.
2	DOMESTIC WATER CONNECTION TO BUILDING, REFER TO ARCHITECTURAL PLANS.
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7	TRENCH DRAIN TO STORM DRAIN CONNECTION, REFER TO ARCHITECTURAL PLANS.
8	TO IRRIGATION SYSTEM, REFER TO IRRIGATION PLANS FOR ADDITIONAL INFORMATION.
9	EXISTING
10	INVERT
11	RAIN ELEVATION
12	LINEAR FEET
13	SLOPE
14	MINIMUM
15	TRENCH DRAIN ELEVATION
16	N, S, E, W
17	NORTH, SOUTH, EAST, WEST

DRAINAGE & UTILITY LEGEND	
1	THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES, STRUCTURES, AND SERVICES BEFORE COMMENCING WORK. THE LOCATION OF UTILITIES, STRUCTURES, AND SERVICES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO EXISTING DRAINAGE TO CITY IN WISCONSIN.
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**VERDE DESIGN**  
LANDSCAPE ARCHITECTURE  
CIVIL ENGINEERING  
1000 West Main Street, Suite 140  
Roseville, CA 95678  
Phone: (916) 552-1100  
www.verdedesign.com





**DRAINAGE AND UTILITY PLAN**

**GIBSON PARK**

**PROJECT ADDRESS**  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

**DATE**  
08/12/2022

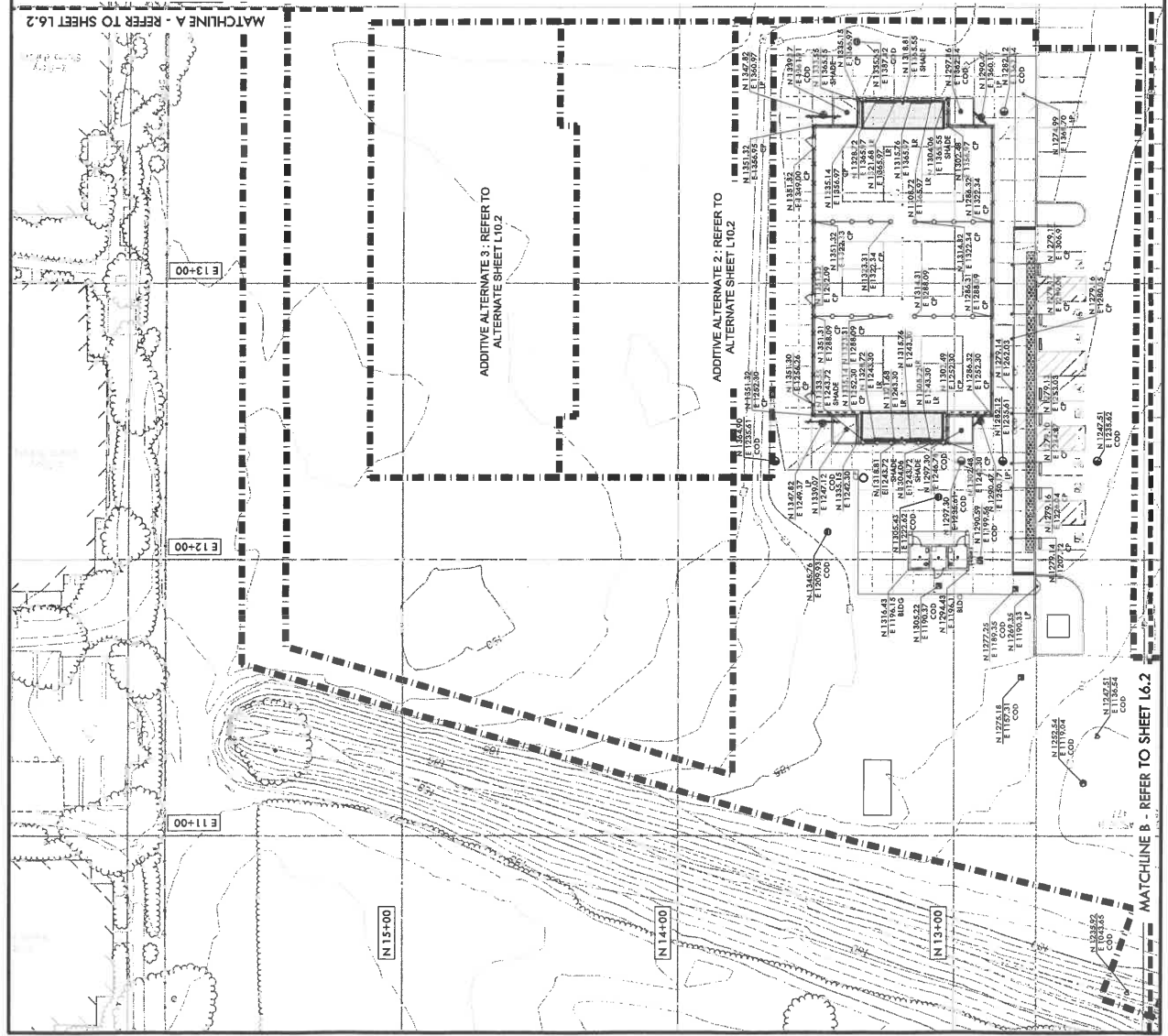
**REVISIONS**

NO.	DESCRIPTION	DATE
1	50% SUBMITTAL	08/12/2022
2	75% SUBMITTAL	08/12/2022
3	100% SUBMITTAL	08/12/2022

**DESIGNED BY** DK  
**CHECKED BY** CS  
**DATE SUBMITTED** 05/20/2022  
**SCALE** 1"=20'-0"  
**PROJECT NO.** 2014500  
**SHEET NO.** L5.2



NOT FOR CONSTRUCTION



LAYOUT NOTES

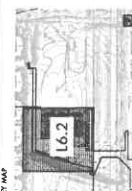
- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WITH EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL EXISTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL EXISTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL EXISTING CONSTRUCTION.
- ALL DIMENSIONS SHALL BE VERIFIED IN FIELD AND CHECKED. STAKES SHALL BE PLACED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL EXISTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL EXISTING CONSTRUCTION.
- LAYOUT IS BASED ON THE POINTS OF BEGINNING P.O.B. AND ENDPOINTS OF C.D. SYSTEM AS SHOWN ON THE PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL EXISTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL EXISTING CONSTRUCTION.
- ALL LAYOUT AND GAUGES SHALL BE CHECKED BY A LICENSED SURVEYOR.



VERDE DESIGN  
LANDSCAPE ARCHITECTURE  
CIVIL ENGINEERING  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678  
TEL: 916.450.1100  
FAX: 916.450.1101  
www.verdedesign.com



STATE OF CALIFORNIA  
REGISTERED PROFESSIONAL ENGINEER  
No. 4089  
Civil Engineering  
Exp. 12/31/2023



16.2

LAYOUT LEGEND

SYMBOL	DESCRIPTION
	POINT OF BEGINNING
	ANCHOR POINT FOR BASELINE A
	RADIUS POINT / CENTER MARK
	PROPOSED ANGLE BETWEEN ELEMENTS
	ALIGN EDGE OF ELEMENTS
	DISTANCE BETWEEN ELEMENTS
	CENTER LINE
	BASELINE
	CONTROL LINE
	EXISTING EASEMENT LAYOUT COORDINATE CALLOUT
	CENTER OF DRAIN
	CENTER OF POST
	CURB
	ROADWAY
	NET
	CENTER OF POLE MAIL NET POST
	COMFORT STATION
	TANGENT POINT
	RADIUS POINT
	POINT OF BEGINNING FOR C.D. LAYOUT
	CONTROL POINT
	DOG OF PAYMENT
	CENTER OF RIGHT POST
	LEAVING RAIL FOOTING
	CENTER OF SHADE STRUCTURE FOOTING

PROJECT NAME  
GIBSON PARK

PROJECT ADDRESS  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

SUBMITTAL  
DATE  
8/17/2022  
75% SUBMITTAL  
100% SUBMITTAL  
DATE  
8/17/2022

SHEET TITLE  
LAYOUT PLAN - MISCELLANEOUS

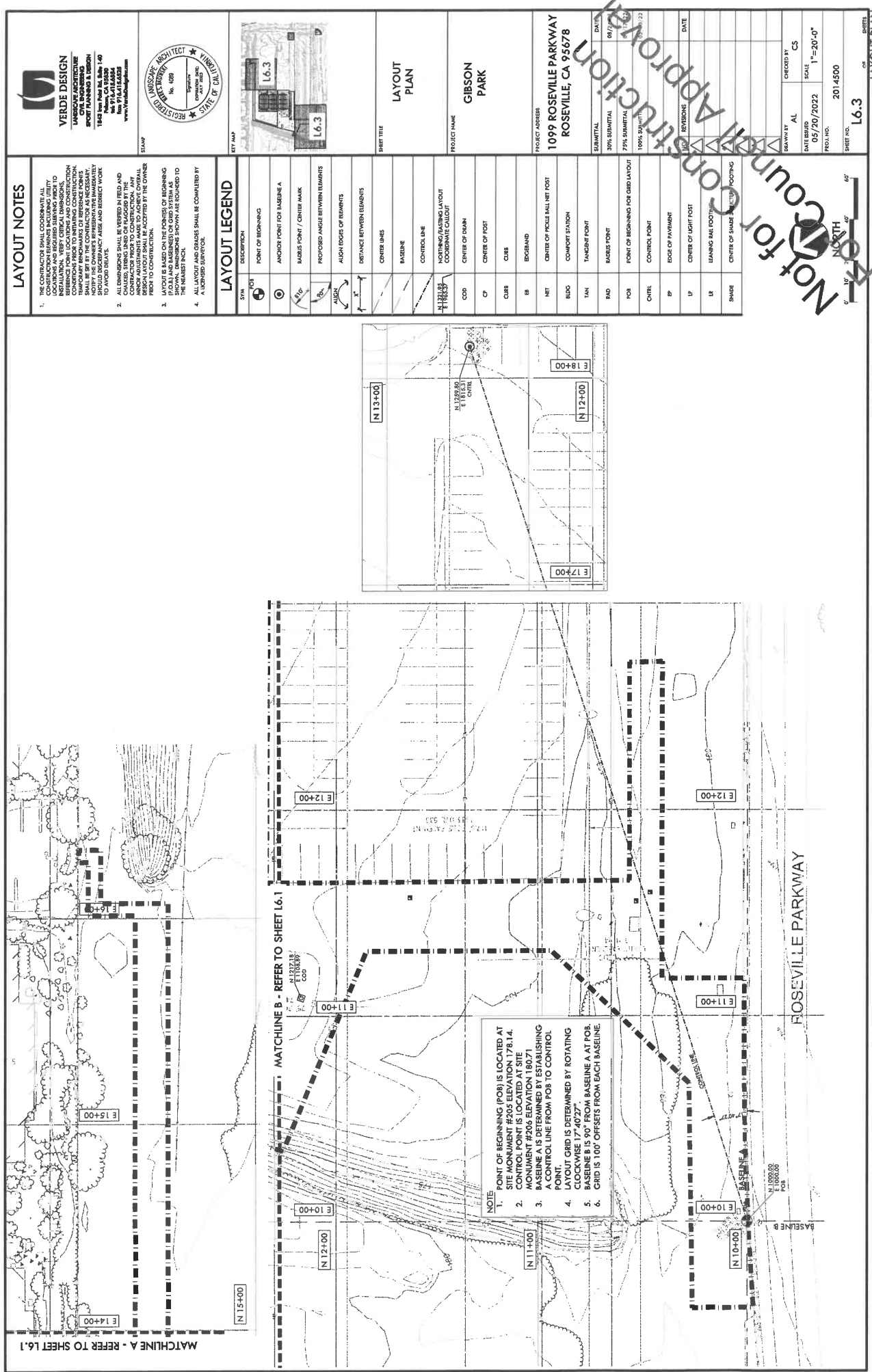
CHECKED BY  
AL  
DATE REVISION  
05/20/2022  
1"=20'-0"

PROJECT NO.  
2014500

SHEET NO.  
16.2

LAYOUT PLAN - MISCELLANEOUS

NOT FOR CONSTRUCTION



**LAYOUT NOTES**

1. THE CONTRACTOR SHALL COORDINATE ALL LOCATIONS AND REQUIRE SURVEYING PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE A REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE SURVEYING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE SURVEYING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE SURVEYING.

2. ALL DIMENSIONS SHALL BE VERIFIED IN FIELD AND CONSTRUCTION SHALL BE BASED ON THE FIELD DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE SURVEYING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE SURVEYING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE SURVEYING.

3. LAYOUT IS BASED ON THE POINTS OF BEGINNING (POB) AND POINTS OF ENDING (POE) OF THE ROAD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE SURVEYING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE SURVEYING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE SURVEYING.

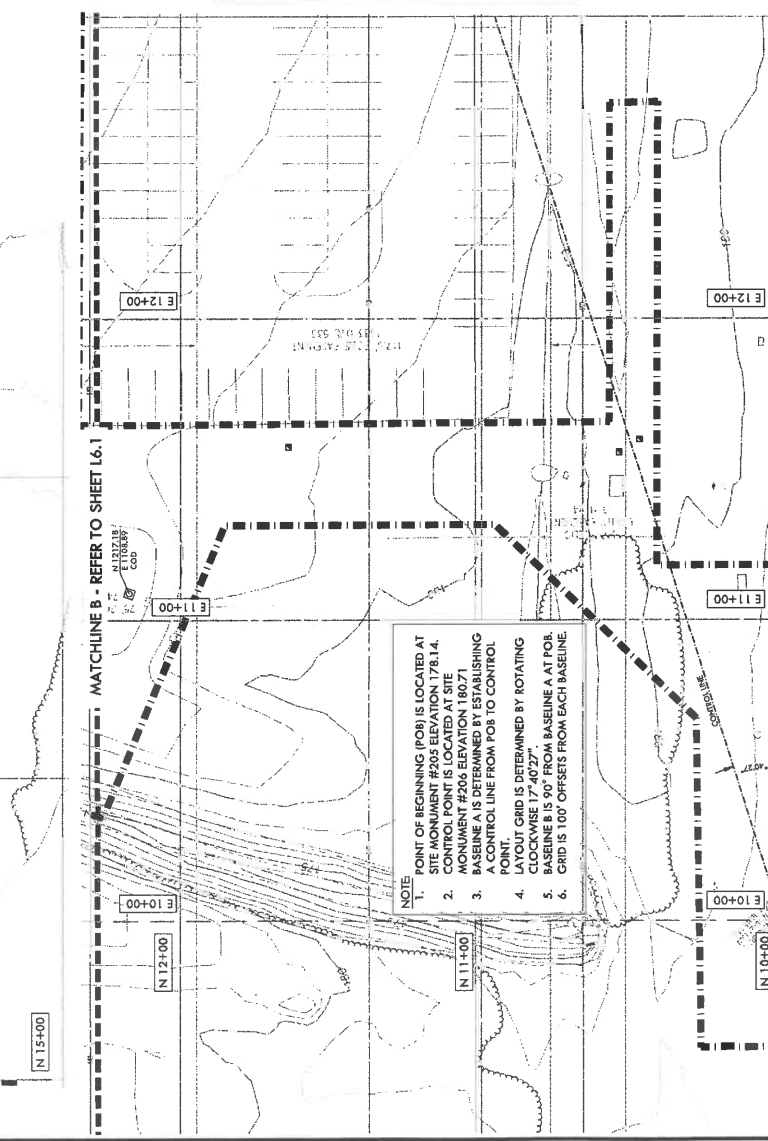
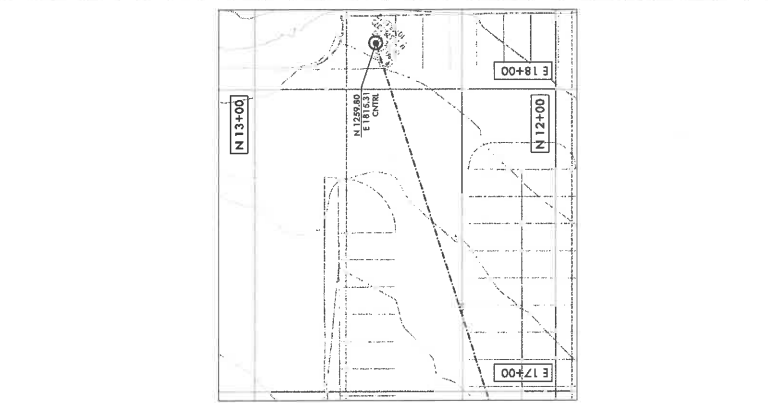
4. ALL LAYOUT AND GRADES SHALL BE COMPLETED BY A LICENSED SURVEYOR.

**VERDE DESIGN**  
LANDSCAPE ARCHITECTURE  
1843 1st Ave. Suite 140  
San Francisco, CA 94103  
Tel: 415.441.4444  
www.verdedesign.com

**LANDSCAPE ARCHITECT**  
No. 008  
Professional Seal  
State of California

**STAMP**

SYN	DESCRIPTION
1	POINT OF BEGINNING
2	ANCHOR POINT FOR BASELINE A
3	ANCHOR POINT / CENTER MARK
4	PROPOSED ANGLE BETWEEN ELEMENTS
5	ALIGN
6	ALIGN EDGES OF REMAINTS
7	DISTANCE BETWEEN ELEMENTS
8	CENTER LINES
9	BASELINE
10	CONTROL LINE
11	NOTHING/EXISTING LAYOUT COORDINATE CALCULATED
12	COD
13	CENTER OF SWAN
14	CENTER OF POST
15	CLUB
16	BOGARD
17	CENTER OF FIDDLE BALL NET POST
18	COMFORT STATION
19	TARGET POINT
20	BASE POINT
21	POINT OF BEGINNING FOR GRID LAYOUT
22	CONTROL POINT
23	EDGE OF PAVEMENT
24	CENTER OF LIGHT POST
25	LEANING BAIL FOOTING
26	CENTER OF SHADE
27	POOTING



**LAYOUT PLAN**

PROJECT NAME: GIBSON PARK

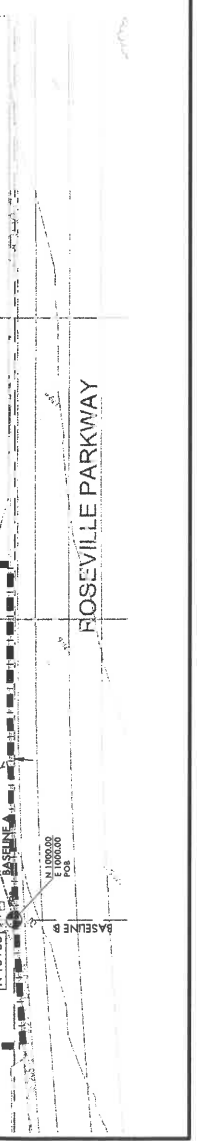
PROJECT ADDRESS: 1099 ROSEVILLE PARKWAY, ROSEVILLE, CA 95678

DATE: 08/20/2022

SCALE: 1"=20'-0"

POLY. NO.: 2014500

SHEET NO.: L6.3



S/N	DESCRIPTION	DATE
01	PICKLE BALL COURT LAYOUT	03/11/2017
02	COMFORT STATION - REFER TO SHEETS T1-14	
03	COURT LIGHTING - REFER TO ELECTRICAL PLANS	
04	ACCESSIBLE PARKING	03/11/2017
05	BIRMINGHAM FOUNTAIN WITH BOTTLE FILLER	03/11/2017
06	PAVE BIRMINGHAM HIGH LOCATED AT THE PARK ENTRANCE	03/11/2017
07	TRASH RECEPTACLE	03/11/2017
08	ELECTRICAL EQUIPMENT REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION	03/11/2017

[illegible]

S/N	DESCRIPTION	UNIT	QTY
1	CONCRETE PAVING - VERGE	SQ	12.31
2	ASPHALT PAVING - VERGE	SQ	12.31
3	TRUNCATED CONES (NEEDED) - REFER TO SPECIFICATIONS	EA	10.31
4	PILEE BALL COURT BRICKING	SQ	10.31
5	MISC. - REFER TO SPECIFICATIONS	SQ	10.31
6	PLANT WELL	NO	1
7	DOWNPIPE GULLY JOINT	NO	1
8	CONTROL JOINT	NO	1
9	TRENCH DRAIN	NO	1
10	4" TALL CHAIN LINK FENCE WITH TOP RAIL	NO	1
11	SAFETY ADDRESS	NO	1
12	10" TALL CHAIN LINK FENCE WITH TOP RAIL	NO	1
13	10" TALL VIBROSCREEN	NO	1
14	TELECOM SYSTEM	NO	1
15	8" TALL 4" WIDE GATE WITH TENSAROM AND VIBROSCREEN	NO	1
16	6" CUB	NO	1
17	6" WIDE TALL CUB	NO	1
18	12" WIDE EDGEBOARD WITH FENCE	NO	1
19	12" WIRE TALL CUB WITH FENCE	NO	1
20	COURT DESCRIPTION SIGN INSTALLED ON THE OUTSIDE OF THE COURT BDE	NO	1
21	PILEE BALL FASBLE BACK INSTALLED ON COURT BDE	NO	1
22	LEANING RAIL	NO	1
23	10' X 30' GARTERBOX SHADE STRUCTURE - REFER TO DRAWING SET 15	NO	1
24	SECURITY LIGHT POLE	NO	1

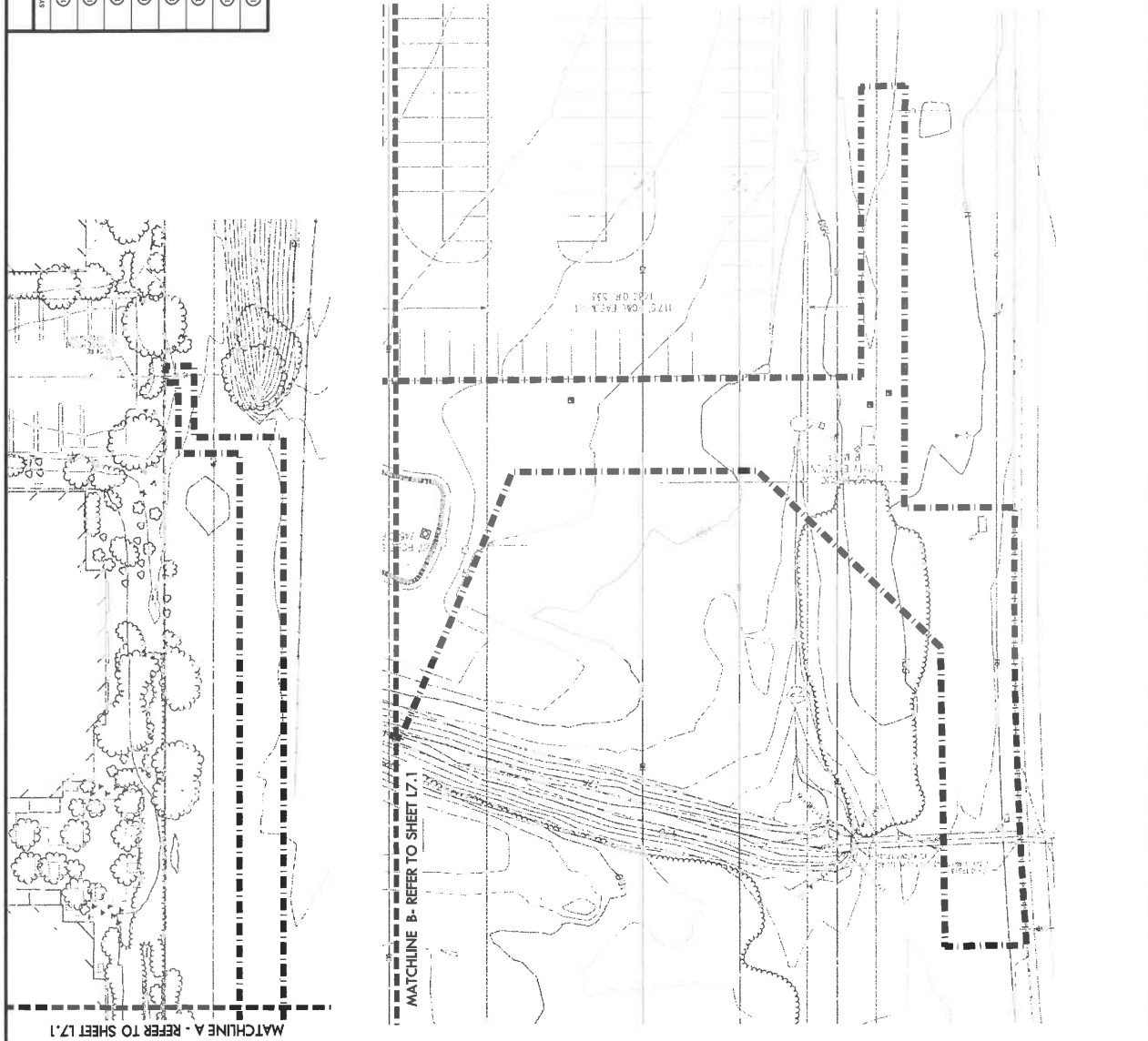
**GIBSON  
PARK**

099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

DATE	REVISIONS	DATE	BY	CHKD BY	SCALE	PROJ. NO.	
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06/17/2022	64						
06/17/2022	65						
06/17/2022	66						

SHEET NO. **L7.1** OF **SHEETS**  
**MATERIAL AND DETAIL REFERENCE PLAN**

### MATERIAL AND DETAIL REFERENCE PLAN



SYN	DESCRIPTION	DTL REF
1	PICKLE BALL COURT & YOUT	A
2	COMPOST STATION - REFER TO SHEET L7.4	B
3	COURT LIGHTING - REFER TO ELECTRICAL PLANS	C
4	ACCESSIBLE PARKING	D
5	DINING FOUNTAIN WITH BOTTLE FILLER	E
6	PARK ORIENTATION SIGN LOCATED AT THE PARK ENTRANCE	F
7	TRASH RECEPTACLE	G
8	ELECTRICAL EQUIPMENT - REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION	H

- ### MATERIAL NOTES
- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS, INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVINGS PRIOR TO CONSTRUCTION. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF SAN JOSE SPECIFICATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.
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  - ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND ACCEPTED BY THE OWNER'S REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE.
  - CONCRETE FINISHES SHALL BE AS NOTED. CONTRACTOR SHALL PROVIDE #4/F #5 REINFORCING BARS AT 18" ON CENTER. CONTRACTOR SHALL PROVIDE #4/F #5 REINFORCING BARS AT 18" ON CENTER. CONTRACTOR SHALL PROVIDE #4/F #5 REINFORCING BARS AT 18" ON CENTER. CONTRACTOR SHALL PROVIDE #4/F #5 REINFORCING BARS AT 18" ON CENTER.
  - ALL FENCE AND GATES BROWN ON PLAN ARE GRAPHIC REPRESENTATIONS. REFER TO DETAILS AND SPECIFICATIONS FOR PRECISE LOCATION.
  - ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EROSION AND SITE FURNISHING HAS BEEN COMPLETED.

**VERDE DESIGN**  
LANDSCAPE ARCHITECTURE  
PORTLAND, OREGON  
1843 VAN ALLEN BLVD., SUITE 100  
SAN JOSE, CA 95131-1843  
TEL: 415.435.1843  
FAX: 415.435.1844  
WWW.VERDEDESIGN.COM

SYN	DESCRIPTION	DTL REF
1	CONCRETE PAVING - PERESTRAIN	A
2	ASPHALT PAVING - VEHICULAR	B
3	TRANSACTED POWER (RECESSED) - REFER TO SPECIFICATIONS	C
4	PICKLE BALL COURT SURFACING	D
5	MULCH - REFER TO SPECIFICATIONS	E
6	PLANT WELL	F
7	DOWNED COLD JOINT CONTROL JOINT	G
8	TRENCH DRAIN	H
9	8" TALL CHAIN LINK FENCE WITH TOP RAIL	I
10	12" TALL CHAIN LINK FENCE WITH 12" TALL UNLOCKED	J
11	TRUSS SYSTEM	K
12	8" TALL X 4" WIDE GATE WITH TRANSOM AND WINDSCREEN	L
13	6" CURB	M
14	6" WIDE TALL CURB	N
15	12" WIDE BODYSAND WITH FENCE	O
16	12" WIDE TALL CURB WITH FENCE	P
17	WOOD FENCE (CHAIN LINK) INSTALLED ON THE OUTSIDE OF THE COURT BIKES	Q
18	PICKLE BALL PADLOCK RACK INSTALLED ON COURT BIKES	R
19	BRASSING BAIL	S
20	12" X 30" CANTILEVER SHADE STRUCTURE - REFER TO SHEET S8.1-S8.1.5	T
21	SECURITY LIGHT POLE	U

EST. MAP

**MATERIAL AND DETAIL REFERENCE PLAN**

PROJECT NAME: **GIBSON PARK**

PROJECT ADDRESS: **1099 ROSEVILLE PARKWAY, ROSEVILLE, CA 95678**

SUBMITTAL: 50% SUBMITTAL, 75% SUBMITTAL, 100% SUBMITTAL

DATE: 05/20/2022

REVISION: 1

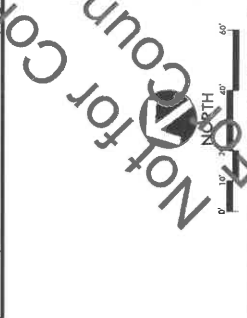
DATE: 05/20/2022

CHECKED BY: AL, CS

SCALE: 1"=20'-0"

PROJ. NO.: 2014500

SHEET NO.: L7.2



**MATERIAL AND DETAIL REFERENCE PLAN**

1099 ROSEVILLE PARKWAY, ROSEVILLE, CA 95678

SUBMITTAL: 50% SUBMITTAL, 75% SUBMITTAL, 100% SUBMITTAL

DATE: 05/20/2022

REVISION: 1

DATE: 05/20/2022

CHECKED BY: AL, CS

SCALE: 1"=20'-0"

PROJ. NO.: 2014500

SHEET NO.: L7.2





## IRRIGATION AUDIT, SURVEY AND IRRIGATION WATER USE ANALYSIS NOTES

1. LANDSCAPE IRRIGATION AUDIT SHALL BE CONDUCTED BY A THIRD PARTY WHO IS NOT THE LANDSCAPE ARCHITECT OR THE IRRIGATION DESIGNER. THE IRRIGATION DESIGNER SHALL NOT BE CONDUCTED BY THE PERSON WHO DESIGNED THE LANDSCAPE OR THE IRRIGATION DESIGN.
2. IN LARGE PROJECTS OR PROJECTS WITH MULTIPLE LANDSCAPE INSTALLATIONS, THE IRRIGATION DESIGNER SHALL CONDUCT THE IRRIGATION AUDIT IN CONJUNCTION WITH THE LANDSCAPE ARCHITECT AND THE IRRIGATION DESIGNER. THE IRRIGATION DESIGNER SHALL CONDUCT THE IRRIGATION AUDIT IN CONJUNCTION WITH THE LANDSCAPE ARCHITECT AND THE IRRIGATION DESIGNER.
3. FOR NEW CONSTRUCTION AND REDESIGN/REPAIR PROJECTS, THE IRRIGATION DESIGNER SHALL CONDUCT THE IRRIGATION AUDIT IN CONJUNCTION WITH THE LANDSCAPE ARCHITECT AND THE IRRIGATION DESIGNER.

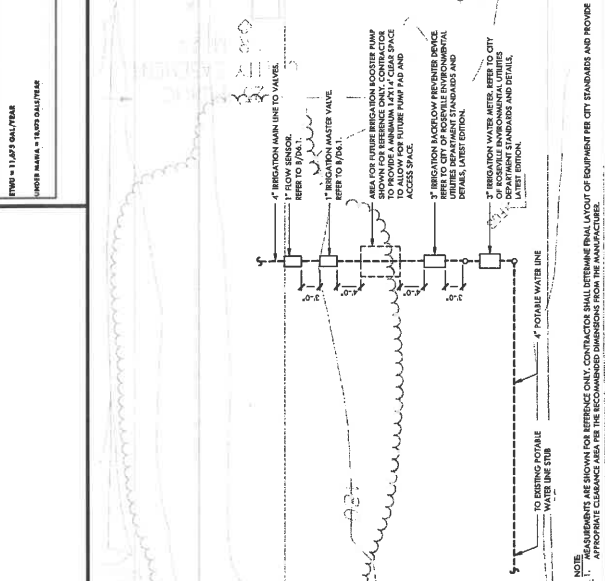
## PRESSURE LOSS CALCULATIONS

Component	Length (ft)	Flow (GPM)	Pressure Loss (PSI)
1. Mainline	100	100	1.0
2. Lateral	100	100	1.0
3. Sprinkler	100	100	1.0
4. Valve	100	100	1.0
5. Fitting	100	100	1.0
6. Pipe	100	100	1.0
7. Elbow	100	100	1.0
8. Tee	100	100	1.0
9. Cross	100	100	1.0
10. End Cap	100	100	1.0

## WATER EFFICIENT LANDSCAPE CALCULATIONS

Component	Area (sq ft)	Water Use (GPD)
1. Lawn	100	100
2. Shrub	100	100
3. Tree	100	100
4. Flower Bed	100	100
5. Path	100	100
6. Walkway	100	100
7. Driveway	100	100
8. Pool	100	100
9. Hot Tub	100	100
10. Spa	100	100

## IRRIGATION EQUIPMENT LAYOUT ENFORCEMENT



NOTE: REQUIREMENTS ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL DETERMINE FINAL LAYOUT OF EQUIPMENT PER CITY STANDARDS AND PROVIDE APPROPRIATE CLEARANCE AREA FOR THE RECOMMENDED DIMENSIONS FROM THE MANUFACTURER.

## GENERAL IRRIGATION NOTES

1. THIS SYSTEM IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF 50 GPM WITH A MAXIMUM PRESSURE OF 100 PSI. THE IRRIGATION DESIGNER SHALL VERIFY THE PRESSURE AND FLOW OF THE SYSTEM PRIOR TO INSTALLATION. THE IRRIGATION DESIGNER SHALL VERIFY THE PRESSURE AND FLOW OF THE SYSTEM PRIOR TO INSTALLATION.
2. ALL LOCAL LANDSCAPE ARCHITECTS AND IRRIGATION DESIGNERS SHALL BE ADVISED OF ANY CHANGES TO THE SYSTEM PRIOR TO INSTALLATION. THE IRRIGATION DESIGNER SHALL BE ADVISED OF ANY CHANGES TO THE SYSTEM PRIOR TO INSTALLATION.
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## IRRIGATION SCHEDULE

Area	Plant Type	Water Use (GPD)	Frequency	Duration
1. Lawn	Grass	100	Weekly	10 min
2. Shrub	Shrub	100	Weekly	10 min
3. Tree	Tree	100	Weekly	10 min
4. Flower Bed	Flower	100	Weekly	10 min
5. Path	Path	100	Weekly	10 min
6. Walkway	Walkway	100	Weekly	10 min
7. Driveway	Driveway	100	Weekly	10 min
8. Pool	Pool	100	Weekly	10 min
9. Hot Tub	Hot Tub	100	Weekly	10 min
10. Spa	Spa	100	Weekly	10 min

Area	Plant Type	Water Use (GPD)	Frequency	Duration
1. Lawn	Grass	100	Weekly	10 min
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8. Pool	Pool	100	Weekly	10 min
9. Hot Tub	Hot Tub	100	Weekly	10 min
10. Spa	Spa	100	Weekly	10 min

## IRRIGATION NOTES

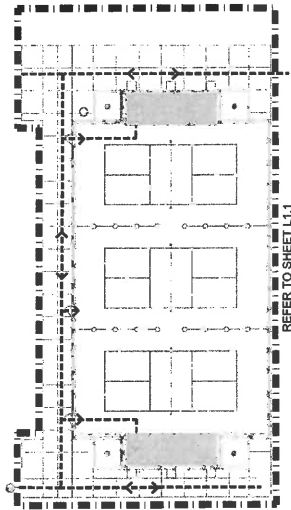
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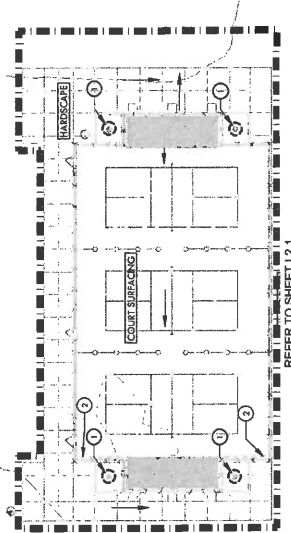
ALL NOTES, DIMENSIONS, AND FINISHES SHOWN ON THIS DRAWING ARE THE PROPERTY OF VERDE DESIGN, INC. AND SHALL BE USED IN CONNECTION WITH THE PROJECT SHOWN HEREON. NO PART OF THIS DRAWING SHALL BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC.

## ALTERNATE 2: ACCESSIBILITY PLAN



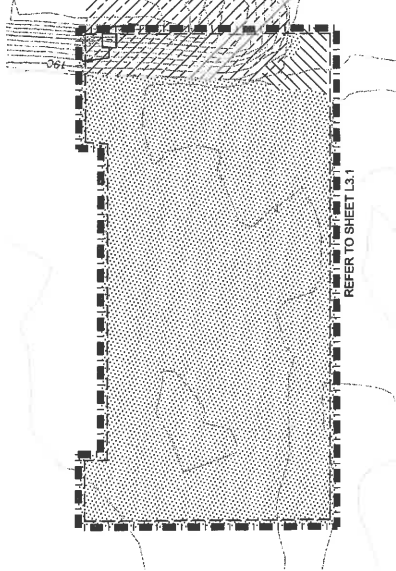
REFER TO SHEET L1.1

## ALTERNATE 2: EROSION CONTROL PLAN

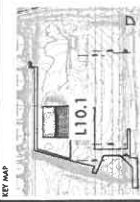


REFER TO SHEET L2.1

## ALTERNATE 2: DEMOLITION PLAN



REFER TO SHEET L3.1



### ACCESSIBILITY LEGEND

SYMBOL	DESCRIPTION
	PROJECT LIMIT OF WORK
	ADA ACCESSIBLE PATH OF TRAVEL (4 FT. MIN. WIDTH @ 48" MAX. SLOPE)
	ADA ACCESSIBLE POINT OF ENTRY

### ACCESSIBILITY NOTES

- ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRED FREE ACCESS ROUTE WITHOUT ANY UNINTERRUPTED CHANGES EXCEEDING 1/2" REVEALED AT 1/2" WIDE SURFACE SLOPE. SURFACE SLOPE SHALL BE MAINTAINED AT 1/2" OR LESS UNLESS OTHERWISE INDICATED.
- ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OBSTACLES TO THE MAXIMUM EXTENT POSSIBLE. OBSTRUCTIONS TO THE MAXIMUM EXTENT POSSIBLE SHALL BE MAINTAINED FREE OF OBSTRUCTIONS TO THE MAXIMUM EXTENT POSSIBLE. OBSTRUCTIONS TO THE MAXIMUM EXTENT POSSIBLE SHALL BE MAINTAINED FREE OF OBSTRUCTIONS TO THE MAXIMUM EXTENT POSSIBLE.
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- STAIRING REQUIREMENTS: INDICATE THAT THE ACCESSIBLE PARKING SPACE STAIRING SHALL BE AS FOLLOWS: THE EXISTING (PARKING) SHALL BE PAINTED BLUE. THE NEWLY CONSTRUCTED (PARKING) SHALL BE PAINTED BLUE. THE EXISTING (PARKING) SHALL BE PAINTED BLUE. THE NEWLY CONSTRUCTED (PARKING) SHALL BE PAINTED BLUE.

### EROSION CONTROL LEGEND

SYMBOL	DESCRIPTION						
	STORM DRAIN EROSION PROTECTION. CONSTRUCTION TO PROVIDE APPROPRIATE PROTECTION METHOD AT EACH NOTED DRAIN INLET PER THE CITY OF ROSEVILLE STANDARDS. <tr><td></td><td>CONSTRUCTION TO PROVIDE APPROPRIATE PROTECTION METHOD AT EACH NOTED DRAIN INLET PER THE CITY OF ROSEVILLE STANDARDS.<tr><td></td><td>CONSTRUCTION TO PROVIDE APPROPRIATE PROTECTION METHOD AT EACH NOTED DRAIN INLET PER THE CITY OF ROSEVILLE STANDARDS.<tr><td></td><td>CONSTRUCTION TO PROVIDE APPROPRIATE PROTECTION METHOD AT EACH NOTED DRAIN INLET PER THE CITY OF ROSEVILLE STANDARDS.</td></tr></td></tr></td></tr>		CONSTRUCTION TO PROVIDE APPROPRIATE PROTECTION METHOD AT EACH NOTED DRAIN INLET PER THE CITY OF ROSEVILLE STANDARDS. <tr><td></td><td>CONSTRUCTION TO PROVIDE APPROPRIATE PROTECTION METHOD AT EACH NOTED DRAIN INLET PER THE CITY OF ROSEVILLE STANDARDS.<tr><td></td><td>CONSTRUCTION TO PROVIDE APPROPRIATE PROTECTION METHOD AT EACH NOTED DRAIN INLET PER THE CITY OF ROSEVILLE STANDARDS.</td></tr></td></tr>		CONSTRUCTION TO PROVIDE APPROPRIATE PROTECTION METHOD AT EACH NOTED DRAIN INLET PER THE CITY OF ROSEVILLE STANDARDS. <tr><td></td><td>CONSTRUCTION TO PROVIDE APPROPRIATE PROTECTION METHOD AT EACH NOTED DRAIN INLET PER THE CITY OF ROSEVILLE STANDARDS.</td></tr>		CONSTRUCTION TO PROVIDE APPROPRIATE PROTECTION METHOD AT EACH NOTED DRAIN INLET PER THE CITY OF ROSEVILLE STANDARDS.
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	CONSTRUCTION TO PROVIDE APPROPRIATE PROTECTION METHOD AT EACH NOTED DRAIN INLET PER THE CITY OF ROSEVILLE STANDARDS.						

### EROSION CONTROL NOTES

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED DURING THE FIRST WEEK OF CONSTRUCTION.
- EROSION AND SEDIMENT CONTROL SHALL REMAIN THROUGHOUT CONSTRUCTION AND AT LEAST 30 DAYS AFTER COMPLETION OF CONSTRUCTION.
- CONSTRUCTION WITH APPROVAL OF A DIRECTOR BY THE CITY REPRESENTATIVE.
- CONTRACTOR SHALL SWEEP DRIVEWAYS AND PARKING AREAS AFFECTED BY CONSTRUCTION DURING THE FIRST WEEK OF CONSTRUCTION.
- REFER TO SHEET C0.0 FOR THE CITY OF ROSEVILLE PUBLIC IMPROVEMENTS EROSION AND SEDIMENT CONTROL NOTES.
- THE SWEEP SHALL BE IMPLEMENTED AND MONITORED BY THE CONTRACTOR AND MONITORED BY THE CITY REPRESENTATIVE. REFLECTING THE STATUS OF CONSTRUCTION WORK AS IT PROGRESSES.

### DEMOLITION NOTES

- THE CONTRACTOR SHALL REMOVE ALL EXISTING STRUCTURES, UTILITIES, AND SERVICES SHOWN IN THE CONTRACT DOCUMENTS. ALL WORK CONTAINED IN THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE REQUIRED COORDINATION FOR ANY/ALL UTILITIES AS REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH THE CITY REPRESENTATIVE TO VERIFY LOCATION OF ALL EXISTING UTILITIES AS REQUIRED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY THE SITE TO DETERMINE THE EXISTING UTILITIES AND PROVIDE THE REQUIRED COORDINATION FOR ANY/ALL UTILITIES AS REQUIRED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE REQUIRED COORDINATION FOR ANY/ALL UTILITIES AS REQUIRED DURING CONSTRUCTION.

### DEMOLITION LEGEND

SYMBOL	DESCRIPTION
	LIMIT OF WORK / CONSTRUCTION FENCING
	EXISTING SURFACE TO BE REMOVED PER SPECIFICATIONS. EXISTING TOP SOIL SHALL BE REMOVED HERE TO SPECIFICATIONS FOR INFORMATION. REMOVE EXCESS SOIL FROM SITE.
	CLEAR AND GRUB AREA. WHEN SHRUBS AND VEGETATION HAVE BEEN REMOVED, CONTRACTOR SHALL GRUB AND CLEAR AREA PRIOR TO START OF CONSTRUCTION. RECLAIM TO BE DESIGNATED BY CITY.
	LIMIT OF CLEAR AND GRUB

### DEMOLITION ITEMS

- ITEMS TO BE PROTECTED OR RELOCATED
- SOIL TO REMAIN ON SITE AND IS TO BE MOVED OFF OF THE LIMIT OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF EXCESS SOIL FROM SITE.

PROJECT ADDRESS  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

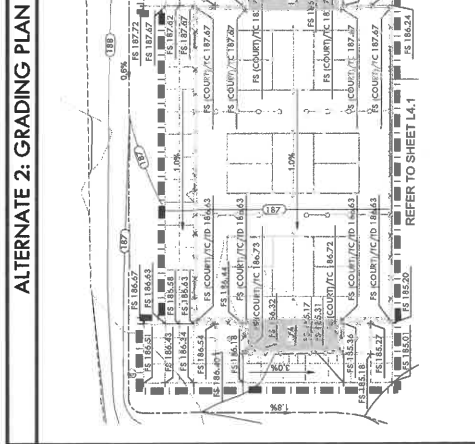
SUBMITTAL	DATE
30% SUBMITTAL	04/24/21
75% SUBMITTAL	01/17/22
100% SUBMITTAL	04/29/22

NO.	REVISIONS	DATE

DRAWN BY	VOI	CHECKED BY	CS
DATE REVISION	05/20/2022	SCALE	1"=20'-0"
PROJECT NO.	2014500	SHEET NO.	L10.1

ADD ALTERNATE 2 SHEET

ALL DATA, DIMENSIONS, AND INFORMATION PROVIDED BY USER ARE VERIFIED BY THE CITY ENGINEER. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DRAWING AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED AND FOR THE RESULTS OF ANY CONSTRUCTION BASED ON THIS DRAWING. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DRAWING AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED AND FOR THE RESULTS OF ANY CONSTRUCTION BASED ON THIS DRAWING.

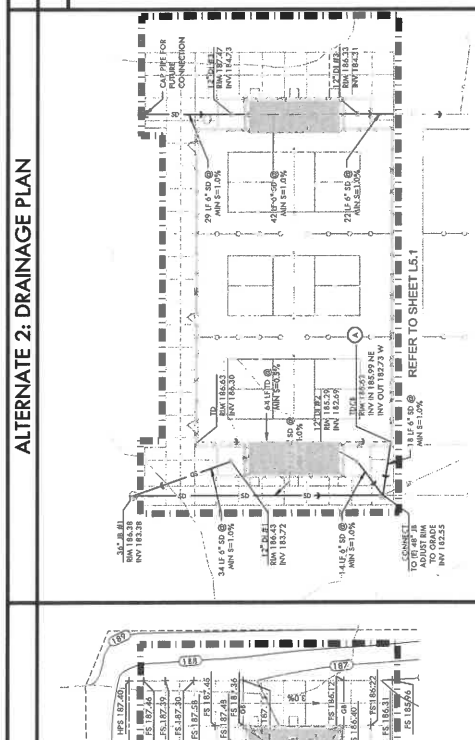


ALTERNATE 2: GRADING PLAN

SYN	DESCRIPTION
PS 32.00	PROPOSED CONTOUR
BN 31.00	PROPOSED FINISH SURFACE ELEVATION OF HARDSCAPE
LC 32.00	LOW POINT / FINISH ELEVATION OF DRAIN
TO 32.50	TOP OF CURB
TD 32.50	TRENCH DRAIN
EX 32.50	EXISTING CONTOUR
EX 32.50	EXISTING ELEVATION

GRADING NOTES

- EXISTING GRADES ARE BASED ON INFORMATION PROVIDED BY USER. A WEIGHT OF GRAVITY OF 1.575 GPM SHALL BE USED FOR ALL CALCULATIONS. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DRAWING AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED AND FOR THE RESULTS OF ANY CONSTRUCTION BASED ON THIS DRAWING.
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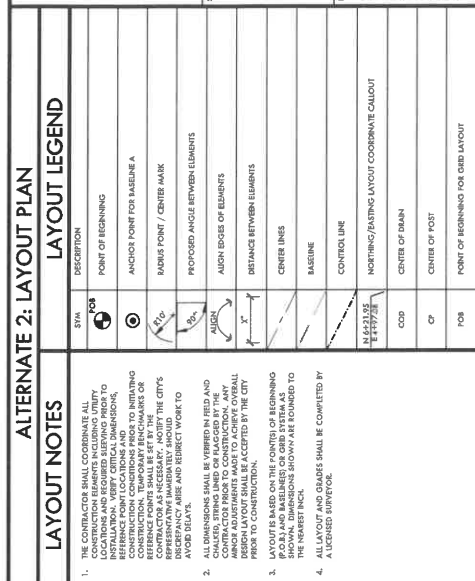


ALTERNATE 2: DRAINAGE PLAN

SYN	DESCRIPTION
PS 32.00	PROPOSED CONTOUR
BN 31.00	PROPOSED FINISH SURFACE ELEVATION OF HARDSCAPE
LC 32.00	LOW POINT / FINISH ELEVATION OF DRAIN
TO 32.50	TOP OF CURB
TD 32.50	TRENCH DRAIN
EX 32.50	EXISTING CONTOUR
EX 32.50	EXISTING ELEVATION

DRAINAGE NOTES

- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES, AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES, AND SERVICES SHALL BE VERIFIED BY THE CITY ENGINEER. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DRAWING AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED AND FOR THE RESULTS OF ANY CONSTRUCTION BASED ON THIS DRAWING.
- PROPOSED DRAINAGE SYSTEMS SHALL BE VERIFIED BY THE CITY ENGINEER. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DRAWING AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED AND FOR THE RESULTS OF ANY CONSTRUCTION BASED ON THIS DRAWING.
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ALTERNATE 2: LAYOUT PLAN

SYN	DESCRIPTION
PS 32.00	PROPOSED CONTOUR
BN 31.00	PROPOSED FINISH SURFACE ELEVATION OF HARDSCAPE
LC 32.00	LOW POINT / FINISH ELEVATION OF DRAIN
TO 32.50	TOP OF CURB
TD 32.50	TRENCH DRAIN
EX 32.50	EXISTING CONTOUR
EX 32.50	EXISTING ELEVATION

LAYOUT NOTES

- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS, STRUCTURES, AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES, AND SERVICES SHALL BE VERIFIED BY THE CITY ENGINEER. THE CITY ENGINEER'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DRAWING AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED AND FOR THE RESULTS OF ANY CONSTRUCTION BASED ON THIS DRAWING.
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**VERDE DESIGN**  
LANDSCAPE ARCHITECTURE  
1849 1st Ave. Suite 100  
San Francisco, CA 94103  
Phone: 415.398.1400  
www.verdedesign.com



LANDSCAPE ARCHITECT  
No. 4089  
State of California  
Expires 12/31/2024



L10.2

**PROJECT NAME**  
GIBSON PARK

**PROJECT ADDRESS**  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

DATE	DESCRIPTION
08/24/21	30% SUBMITTAL
01/17/23	75% SUBMITTAL
02/29/23	100% SUBMITTAL

DATE	DESCRIPTION
05/20/2022	DATE ISSUED

**CHECKED BY**  
VPI  
CS  
SCALE  
1"=20'-0"

**PROJECT NO.**  
2014500

**SHEET NO.**  
L10.2

**OF**  
20

**ALTERNATE SHEET**

## MATERIAL LEGEND

SYN	DESCRIPTION	UNIT REF
	CONCRETE PAVING - PERISTEMAN	A 301
	POCKET MAIL CUB SURFACING	C 302
	DOWNEID COUD JOINT	B 303
	ROUSE PAINT	B 304
	TRENCH DRAIN	B 305
	4IN" TALL CHAIN LINK FENCE	A 306
	10" TALL CHAIN LINK FENCE WITH WINDSCREEN	A 307
	TRELLIS	A 308
	PLANT WELL	B 309
	8" TALL X 4" WIDE GATE WITH TRANSOM	F 310
	6" WIDE TALL CURB	E 311
	12" WIDE BORDERS WITH FENCE	F 312
	12" WIDE TALL CURB WITH FENCE	H 313
	COURT SIGN	D 314
	PARKING MARK	F 315
	LEAVING RAIL	E 316
	SHADE STRUCTURE - REFER TO SPEC'S - \$81.5	E 317
	POCKET MAIL COURT	A 318
	COURT LIGHTING - REFER TO ELECTRICAL PLANS	A 319

1. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES, LOCATIONS, AND REQUIRED RELEVING PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
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4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

## IRRIGATION LEGEND

[illegible][illegible]

## PLANTING LEGEND

SYA	QTY	SIZE	POTENTIAL/COMMON NAME	SPACING	WATER USE REQUIREMENTS PER SUCULOS REGION 2 - DTI BEI CUTTING WATER
AC	20	1 GAL	AFRICAN COMPOUND "VARIEGATA" VARIEGATED AMY SINKOORE	24" O.C.	LOW
DR	16	1 GAL	DANIELA BROUWER "LITTLE BEY" LITTLE BEY PLANT LILY	24" O.C.	LOW
PP	6	1 GAL	FOCUS PANAMA CREEPING FIG	PER PLAN	MED
CS	8	1 GAL	JUSTINIA SPICIFERA AMERICAN HONEYFLOWER	48" O.C.	LOW

[illegible]

### PROJECT TITLE

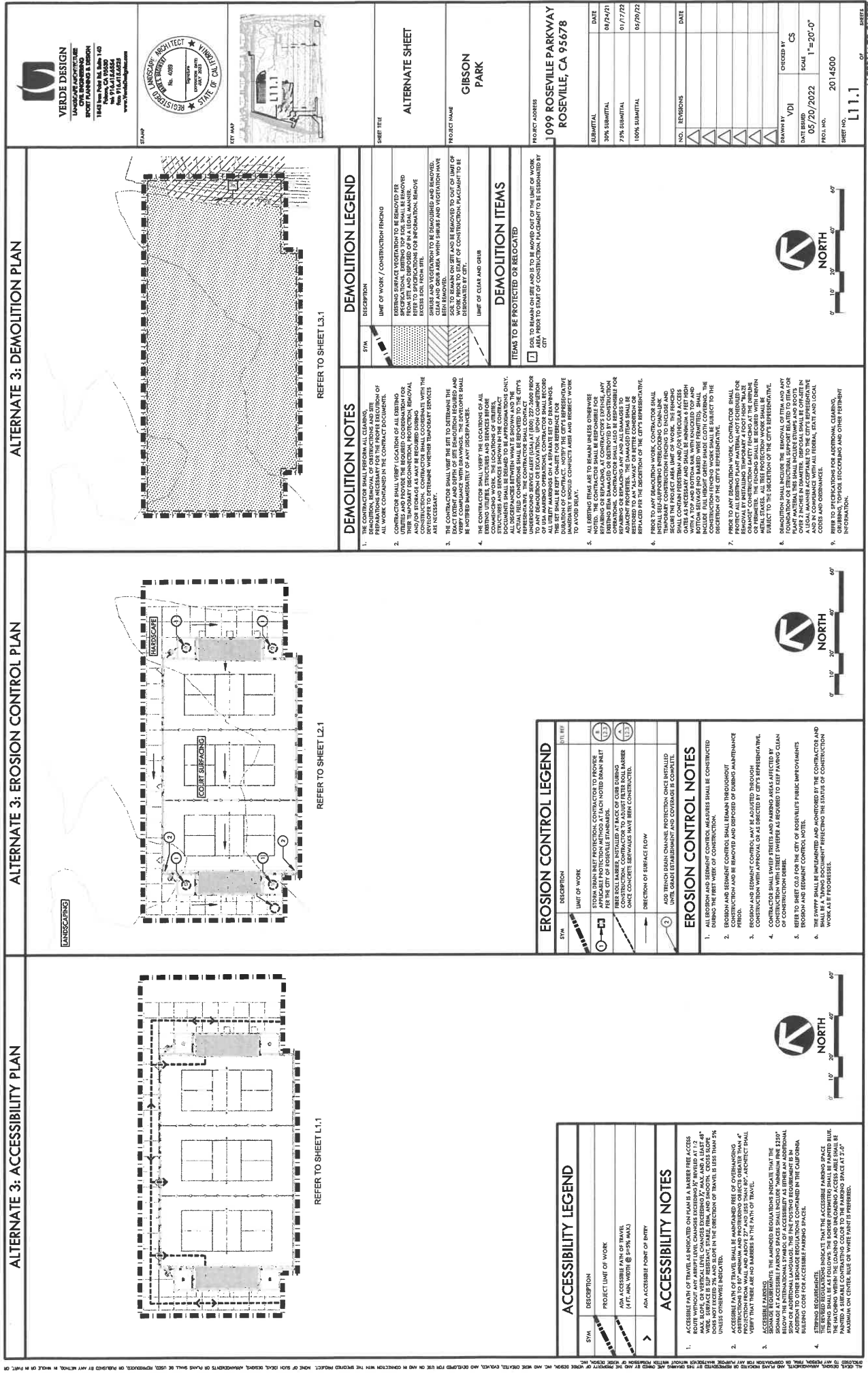
**ALTERNATE SHEET**

PROJECT NAME

PROJECT ADDRESS  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

[illegible]

OF  
ALTERNATE SHEET







[illegible]





**C** DEEP CUT "T" PATCH RECONSTRUCTION IN ASPHALT^{NTS}  
(CITY OF ROSEVILLE STANDARD TB-3)

## DRAINAGE AND UTILITY DETAILS

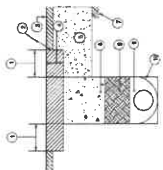
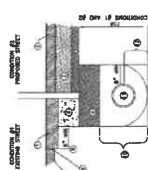
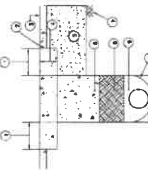
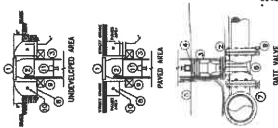
PROJECT NAME

PROJECT ADDRESS  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

[illegible]

SHEET NO. **D1.3**

## DRAINAGE AND UTILITY DETAILS

[illegible][illegible][illegible]

D GATE VALVE AND BOX (CITY OF ROSEVILLE STANDARD W-16) NTS  
 DRAWING BY: J. VAN RUSSEL  
 CHECKED BY: J. VAN RUSSEL  
 APPROVED BY: RICHARD PLODGE

---

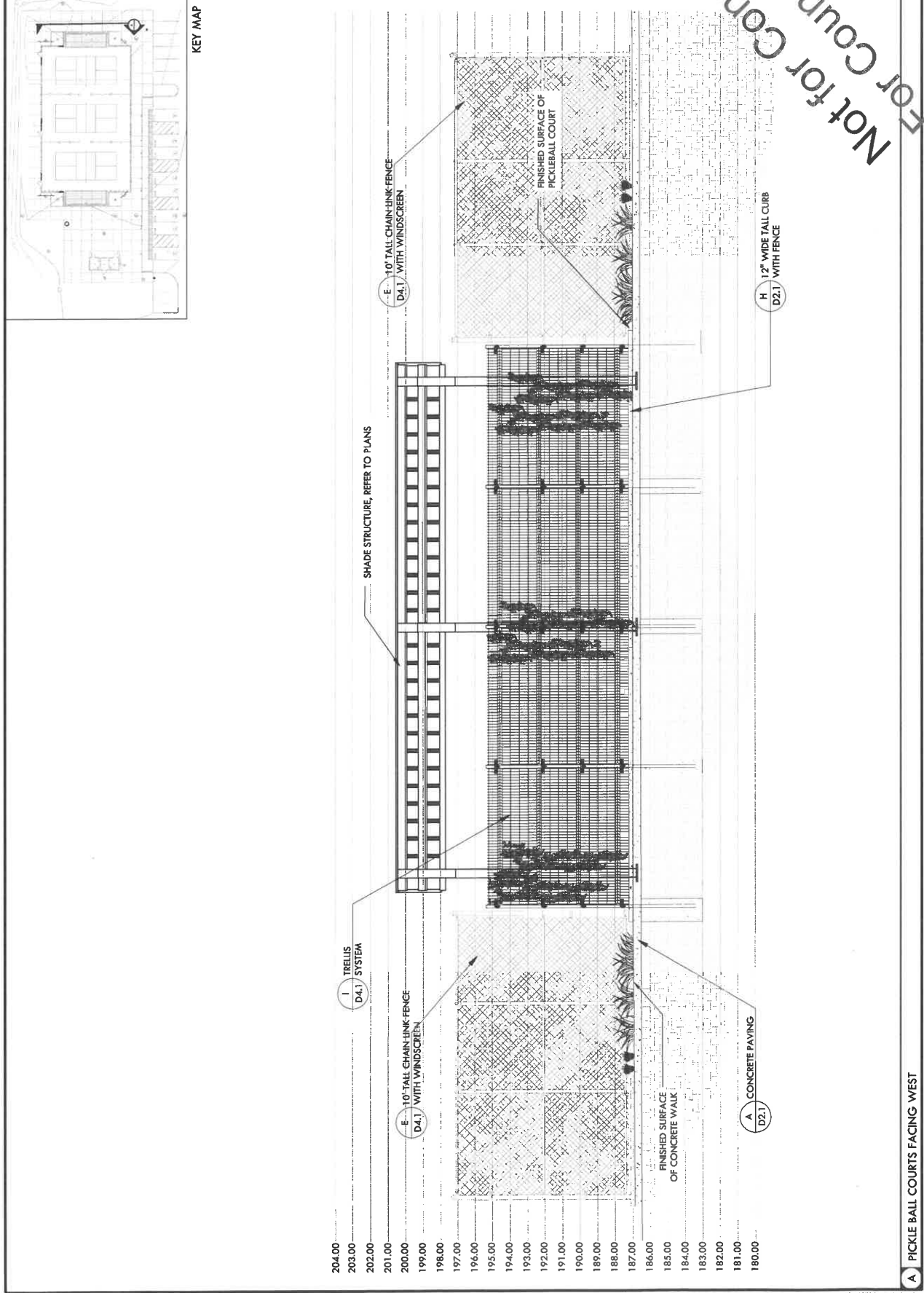








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Roseville, CA 95678  
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www.verdedesign.com



LANDSCAPE ARCHITECT  
No. 1005  
STATE OF CALIFORNIA

PROJECT TITLE  
**PICKLEBALL COURTS SECTION**

PROJECT NAME  
**GIBSON PARK**

PROJECT ADDRESS  
**1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678**

DATE	DESCRIPTION
04/17/2022	30% SUBMITTAL
05/17/2022	75% SUBMITTAL
05/17/2022	100% SUBMITTAL
05/17/2022	REVISIONS
05/17/2022	DATE

DATE	DESCRIPTION
05/17/2022	30% SUBMITTAL
05/17/2022	75% SUBMITTAL
05/17/2022	100% SUBMITTAL
05/17/2022	REVISIONS
05/17/2022	DATE

DRAWN BY  
**VDI**

CHECKED BY  
**CS**

DATE  
**05/20/2022**

SCALE  
**AS SHOWN**

PROJECT NO.  
**2014500**

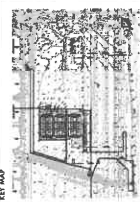
SHEET NO.  
**D5.2**

NOT FOR CONSTRUCTION  
For Council Approval

**A PICKLE BALL COURTS FACING WEST**

**PICKLEBALL COURTS SECTION**





**SHEET TITLE**  
IRRIGATION  
DETAILS

**PROJECT NAME**  
GIBSON  
PARK

**PROJECT ADDRESS**  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

**SUBMITTAL**  
50% SUBMITTAL  
75% SUBMITTAL  
100% SUBMITTAL

**DATE**  
07/21/22  
07/21/22  
07/21/22

**REVISIONS**

**DATE**

**DESIGNED BY**  
VJ

**CHECKED BY**  
CS

**DATE**  
05/20/2022

**SCALE**

**PROJECT NO.**  
2014500

**SHEET NO.**  
D6.1

**OF**  
IRRIGATION DETAILS

**1" WIRE MESH LATERAL, SEC.**  
SPECIAL LATERAL PAVING ROSEVILLE STANDARD PK-5  
LATERAL LINE  
SPECIAL LATERAL PAVING ROSEVILLE STANDARD PK-5  
LATERAL LINE

**NOTE:**  
1. WIRE MESH LATERAL SHALL BE 1" WIRE MESH LATERAL PAVING ROSEVILLE STANDARD PK-5 LATERAL LINE.  
2. LATERAL LINE SHALL BE 1" WIRE MESH LATERAL PAVING ROSEVILLE STANDARD PK-5 LATERAL LINE.  
3. LATERAL LINE SHALL BE 1" WIRE MESH LATERAL PAVING ROSEVILLE STANDARD PK-5 LATERAL LINE.  
4. LATERAL LINE SHALL BE 1" WIRE MESH LATERAL PAVING ROSEVILLE STANDARD PK-5 LATERAL LINE.

**PIPE AT PAVEMENT**  
PK-5

**THRUST BLOCKS**  
ROSEVILLE STANDARD PK-10

**NOTE:**  
1. THRUST BLOCKS SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
2. THRUST BLOCKS SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
3. THRUST BLOCKS SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
4. THRUST BLOCKS SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.

**THRUST BLOCKS**  
PK-10

**VALVE DRAIN CONTROL**  
ROSEVILLE STANDARD PK-13

**NOTE:**  
1. VALVE DRAIN CONTROL SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
2. VALVE DRAIN CONTROL SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
3. VALVE DRAIN CONTROL SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
4. VALVE DRAIN CONTROL SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.

**VALVE DRAIN CONTROL**  
PK-13

**PIPE AT PAVEMENT**  
ROSEVILLE STANDARD PK-5

**NOTE:**  
1. PIPE AT PAVEMENT SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
2. PIPE AT PAVEMENT SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
3. PIPE AT PAVEMENT SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
4. PIPE AT PAVEMENT SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.

**PIPE AT PAVEMENT**  
PK-5

**ROOT WATERING SYSTEM**  
ROSEVILLE STANDARD PK-9

**NOTE:**  
1. ROOT WATERING SYSTEM SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
2. ROOT WATERING SYSTEM SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
3. ROOT WATERING SYSTEM SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
4. ROOT WATERING SYSTEM SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.

**ROOT WATERING SYSTEM**  
PK-9

**VALVE 4" AND LARGER**  
ROSEVILLE STANDARD PK-12

**NOTE:**  
1. VALVE 4" AND LARGER SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
2. VALVE 4" AND LARGER SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
3. VALVE 4" AND LARGER SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
4. VALVE 4" AND LARGER SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.

**VALVE 4" AND LARGER**  
PK-12

**MASTER VALVE AND FLOW SENSOR**  
ROSEVILLE STANDARD PK-2

**NOTE:**  
1. MASTER VALVE AND FLOW SENSOR SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
2. MASTER VALVE AND FLOW SENSOR SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
3. MASTER VALVE AND FLOW SENSOR SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
4. MASTER VALVE AND FLOW SENSOR SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.

**MASTER VALVE AND FLOW SENSOR**  
PK-2

**PIPE TRENCH**  
ROSEVILLE STANDARD PK-6

**NOTE:**  
1. PIPE TRENCH SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
2. PIPE TRENCH SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
3. PIPE TRENCH SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
4. PIPE TRENCH SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.

**PIPE TRENCH**  
PK-6

**VALVE 3" AND SMALLER**  
ROSEVILLE STANDARD PK-11

**NOTE:**  
1. VALVE 3" AND SMALLER SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
2. VALVE 3" AND SMALLER SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
3. VALVE 3" AND SMALLER SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.  
4. VALVE 3" AND SMALLER SHALL BE 12" X 12" X 12" CONCRETE BLOCKS.

**VALVE 3" AND SMALLER**  
PK-11

**SHEET TITLE**  
IRRIGATION  
DETAILS

**PROJECT NAME**  
GIBSON  
PARK

**PROJECT ADDRESS**  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

**SUBMITTAL**  
50% SUBMITTAL  
75% SUBMITTAL  
100% SUBMITTAL

**DATE**  
07/21/22  
07/21/22  
07/21/22

**REVISIONS**

**DATE**

**DESIGNED BY**  
VJ

**CHECKED BY**  
CS

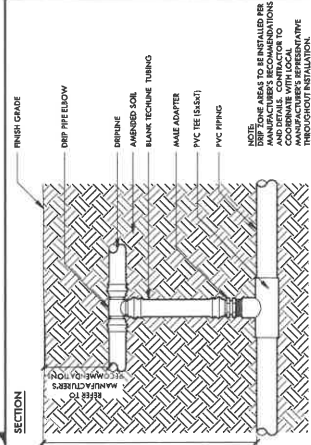
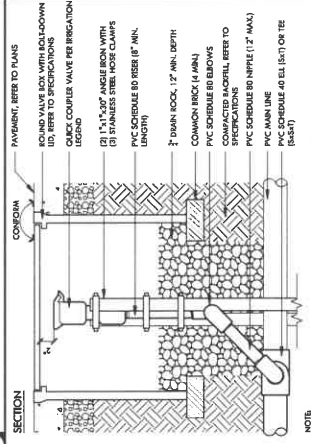
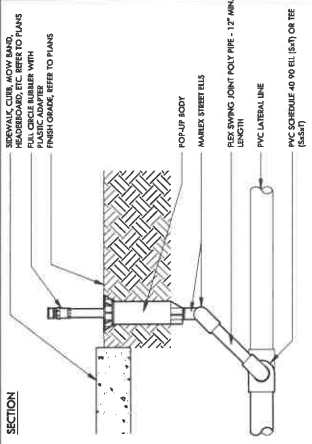
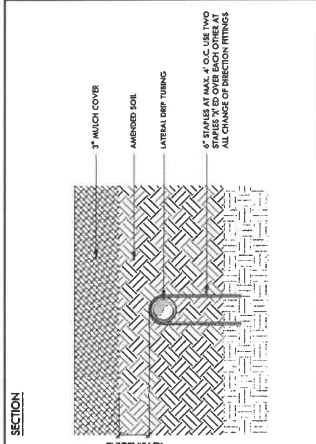
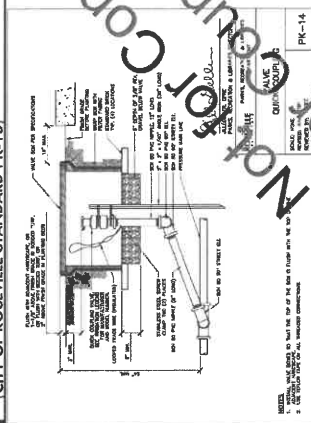
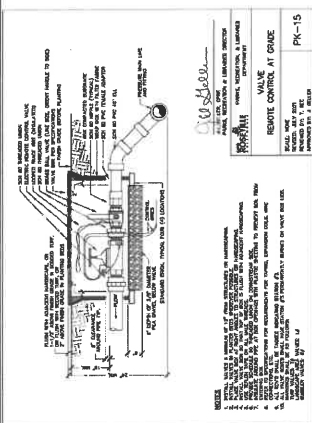
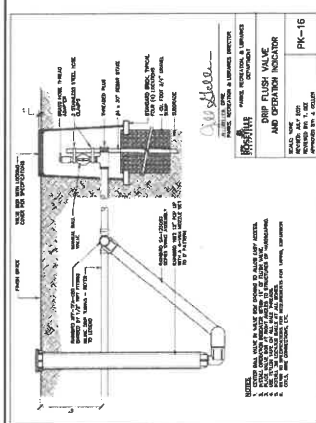
**DATE**  
05/20/2022

**SCALE**

**PROJECT NO.**  
2014500

**SHEET NO.**  
D6.1

**OF**  
IRRIGATION DETAILS

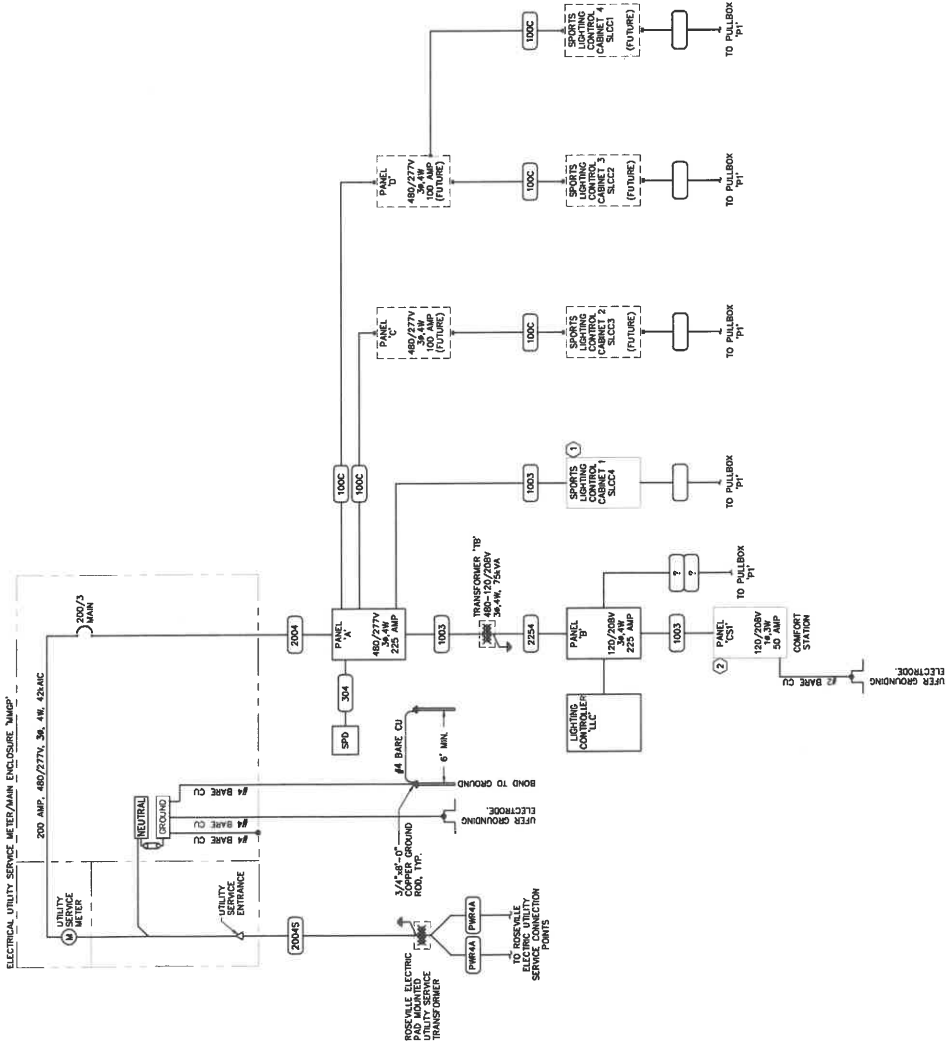






## ○ SHEET KEYNOTES

- 1 PROVIDED BY SPORTS LIGHTING EQUIPMENT VENDOR AND INSTALLED BY CONTRACTOR.
- 2 PROVIDED BY AND INSTALLED BY COMFORT STATION CONTRACTOR. ELECTRICAL CONNECTION BY ELECTRICAL CONTRACTOR.



## ELECTRICAL UTILITY SERVICE ONE-LINE DIAGRAM

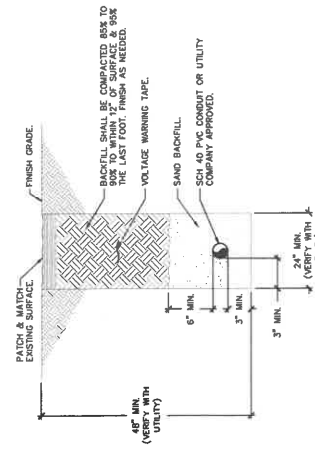
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## LOAD CALCULATION

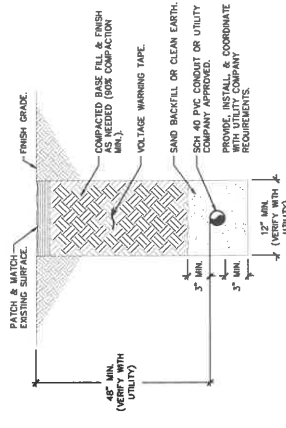
PICKLEBALL LIGHTING	PHASE 1 LIGHTING	75.5 KW
FUTURE TENNIS COURT LIGHTING	PHASE 2 LIGHTING	36.5 KW
FUTURE BASKETBALL COURT LIGHTING	PHASE 3 LIGHTING	9.6 KW
SECURITY LIGHTING	PHASE 4 LIGHTING	0.1 KW
	FUTURE LIGHTING	0.3 KW
	PHASE 5 LIGHTING	0.1 KW
	FUTURE LIGHTING	0.2 KW
	PHASE 6 LIGHTING	60.8 KW
	FUTURE LIGHTING	15.2 KW
	PHASE 7 LIGHTING	73.8 KW
	PHASE 8 LIGHTING	0.7 KW
	FUTURE LIGHTING	3.8 KW
	PHASE 9 LIGHTING	4.3 KW
	FUTURE LIGHTING	4.3 KW
	PHASE 10 LIGHTING	4.0 KW
	FUTURE LIGHTING	15.5 KW
	PHASE 11 LIGHTING	25.3 KW
	PHASE 12 LIGHTING	5.3 KW
	FUTURE LIGHTING	1.3 KW
	PHASE 13 LIGHTING	7.0 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 14 LIGHTING	106.5 KW
	FUTURE LIGHTING	231.4 KW
	PHASE 15 LIGHTING	75.8 KW
	FUTURE LIGHTING	4.3 KW
	PHASE 16 LIGHTING	4.3 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 17 LIGHTING	2.0 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 18 LIGHTING	106.5 KW
	FUTURE LIGHTING	231.4 KW
	PHASE 19 LIGHTING	75.8 KW
	FUTURE LIGHTING	4.3 KW
	PHASE 20 LIGHTING	4.3 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 21 LIGHTING	2.0 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 22 LIGHTING	106.5 KW
	FUTURE LIGHTING	231.4 KW
	PHASE 23 LIGHTING	75.8 KW
	FUTURE LIGHTING	4.3 KW
	PHASE 24 LIGHTING	4.3 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 25 LIGHTING	2.0 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 26 LIGHTING	106.5 KW
	FUTURE LIGHTING	231.4 KW
	PHASE 27 LIGHTING	75.8 KW
	FUTURE LIGHTING	4.3 KW
	PHASE 28 LIGHTING	4.3 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 29 LIGHTING	2.0 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 30 LIGHTING	106.5 KW
	FUTURE LIGHTING	231.4 KW
	PHASE 31 LIGHTING	75.8 KW
	FUTURE LIGHTING	4.3 KW
	PHASE 32 LIGHTING	4.3 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 33 LIGHTING	2.0 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 34 LIGHTING	106.5 KW
	FUTURE LIGHTING	231.4 KW
	PHASE 35 LIGHTING	75.8 KW
	FUTURE LIGHTING	4.3 KW
	PHASE 36 LIGHTING	4.3 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 37 LIGHTING	2.0 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 38 LIGHTING	106.5 KW
	FUTURE LIGHTING	231.4 KW
	PHASE 39 LIGHTING	75.8 KW
	FUTURE LIGHTING	4.3 KW
	PHASE 40 LIGHTING	4.3 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 41 LIGHTING	2.0 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 42 LIGHTING	106.5 KW
	FUTURE LIGHTING	231.4 KW
	PHASE 43 LIGHTING	75.8 KW
	FUTURE LIGHTING	4.3 KW
	PHASE 44 LIGHTING	4.3 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 45 LIGHTING	2.0 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 46 LIGHTING	106.5 KW
	FUTURE LIGHTING	231.4 KW
	PHASE 47 LIGHTING	75.8 KW
	FUTURE LIGHTING	4.3 KW
	PHASE 48 LIGHTING	4.3 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 49 LIGHTING	2.0 KW
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	FUTURE LIGHTING	4.3 KW
	PHASE 52 LIGHTING	4.3 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 53 LIGHTING	2.0 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 54 LIGHTING	106.5 KW
	FUTURE LIGHTING	231.4 KW
	PHASE 55 LIGHTING	75.8 KW
	FUTURE LIGHTING	4.3 KW
	PHASE 56 LIGHTING	4.3 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 57 LIGHTING	2.0 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 58 LIGHTING	106.5 KW
	FUTURE LIGHTING	231.4 KW
	PHASE 59 LIGHTING	75.8 KW
	FUTURE LIGHTING	4.3 KW
	PHASE 60 LIGHTING	4.3 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 61 LIGHTING	2.0 KW
	FUTURE LIGHTING	2.0 KW
	PHASE 62 LIGHTING	106.5 KW
	FUTURE LIGHTING	231.4 KW
	PHASE 63 LIGHTING	75.8 KW
	FUTURE LIGHTING	4.3 KW

COMMISSION NAME: 3\2021\21040 Gilman Park Phase 1\CUAD\F\eo\21040_ID.2.dwg  
DATE: 01-10-21  
BY: COTTON SV. 5/5/2021

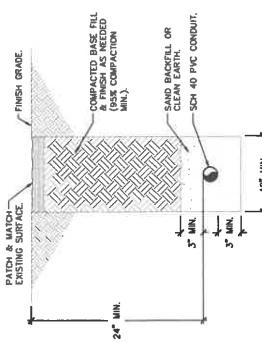




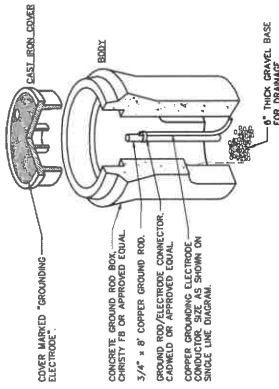
1 TYPICAL PRIMARY SERVICE TRENCH DETAIL  
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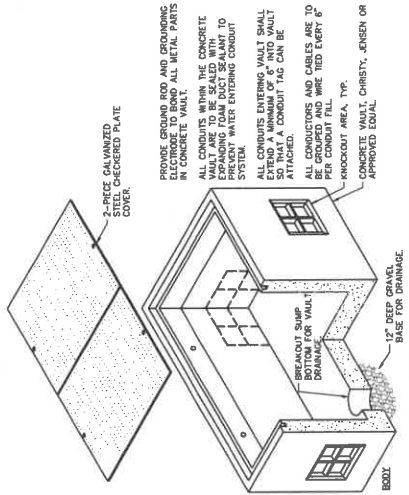
2 TYPICAL SECONDARY SERVICE TRENCH DETAIL  
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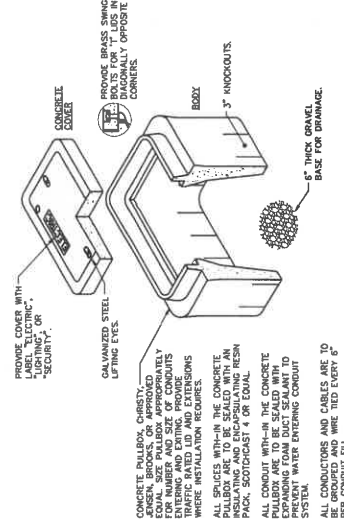
3 TYPICAL TRENCH DETAIL  
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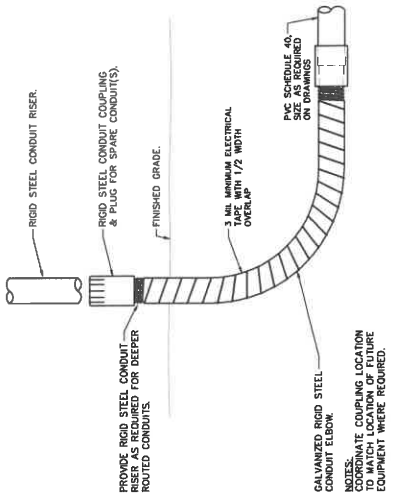
4 TYPICAL CONCRETE GROUND ROD BOX  
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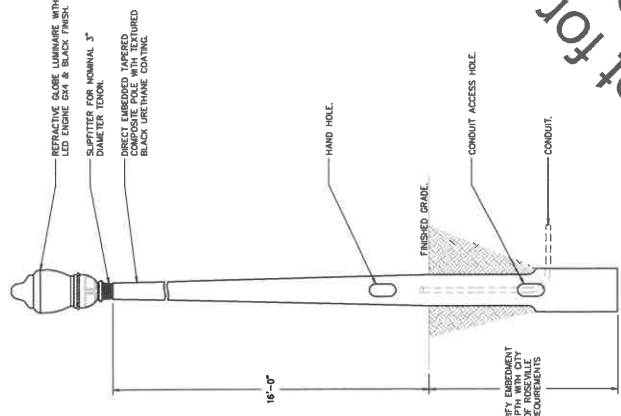
5 TYPICAL CONCRETE VAULT DETAIL  
NO SCALE



6 TYPICAL CONCRETE PULLBOX DETAIL  
NO SCALE



7 CONDUIT STUB-UP DETAIL  
NO SCALE



8 POLE MOUNTED AREA LIGHT DETAIL  
NO SCALE

**VERDE DESIGN**  
LANDSCAPE ARCHITECTURE  
SCOTT HARRIS & DESIGN  
1040 Van Ness Blvd. Suite 140  
San Francisco, CA 94109  
Phone: 415.774.1822  
www.verdedesign.com

**Stamp**  
DATE: 05/20/2022  
CONTRACT: 2014500  
SHEET NO.: E0.4

**Stanton**  
PROJECT: 21840  
CONTRACT: 2014500  
DATE: 05/20/2022  
SHEET NO.: E0.4

**PROJECT ADDRESS**  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

**PROJECT NAME**  
GIBSON PARK

**PROJECT NO.**  
2014500

**DATE**  
05/20/2022

**SCALE**  
1" = 10'

**CHECKED BY**  
JH/JC

**DATE**  
05/20/2022

**SCALE**  
1" = 10'

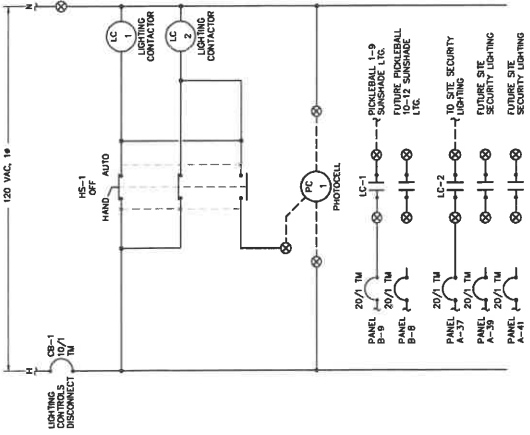
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JH/JC

**DATE**  
05/20/2022

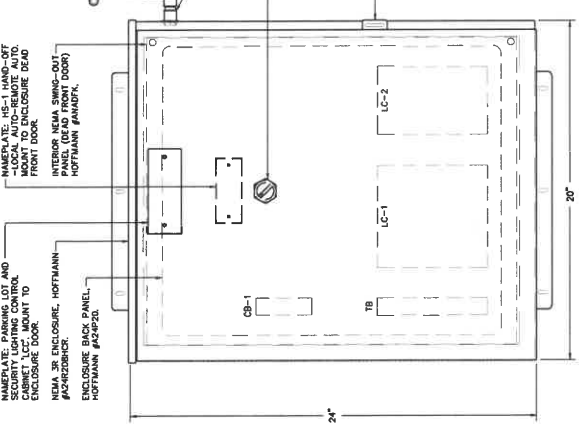
**SCALE**  
1" = 10'

**CHECKED BY**  
JH/JC

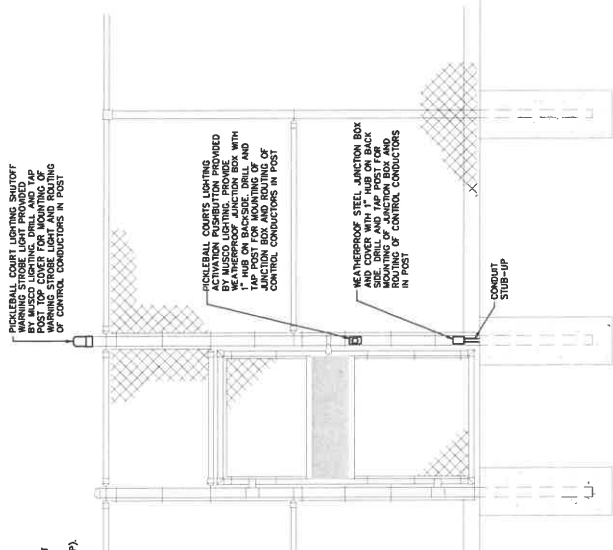
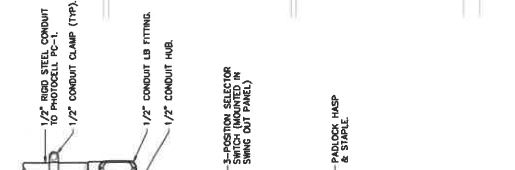
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1 LIGHTING CONTROLS WIRING DIAGRAM



2 LIGHTING CONTROL CABINET 'LCC'



3 SPORTS LIGHTING CONTROL STATION

LCC EQUIPMENT LIST	
TAG	EQUIPMENT
PC-1	PHOTOCELL
HS-1	INTERMATE / K 113M OR EQUAL
LC-1	SQUARE D / CLASS 9001K OR EQUAL
LC-2	SQUARE D / CLASS 9001K, TYPE L OR EQUAL
CB-1	SQUARE D / CLASS 9001K, TYPE L OR EQUAL



**VERDE DESIGN**  
LANDSCAPE ARCHITECTURE  
1843 Newland Rd. Suite 140  
San Jose, CA 95131  
Phone: 415.434.8888  
www.verdedesign.com



STAMP

DATE SIGNED: 8/9/22

PROJECT: 21840  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678  
www.verdedesign.com

**ELECTRICAL**  
DETAILS 2

**GIBSON**  
PARK

PROJECT ADDRESS:  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

SUBMITTAL	DATE
30% SUBMITTAL	08/22/22
75% SUBMITTAL	08/22/22
100% SUBMITTAL	08/22/22

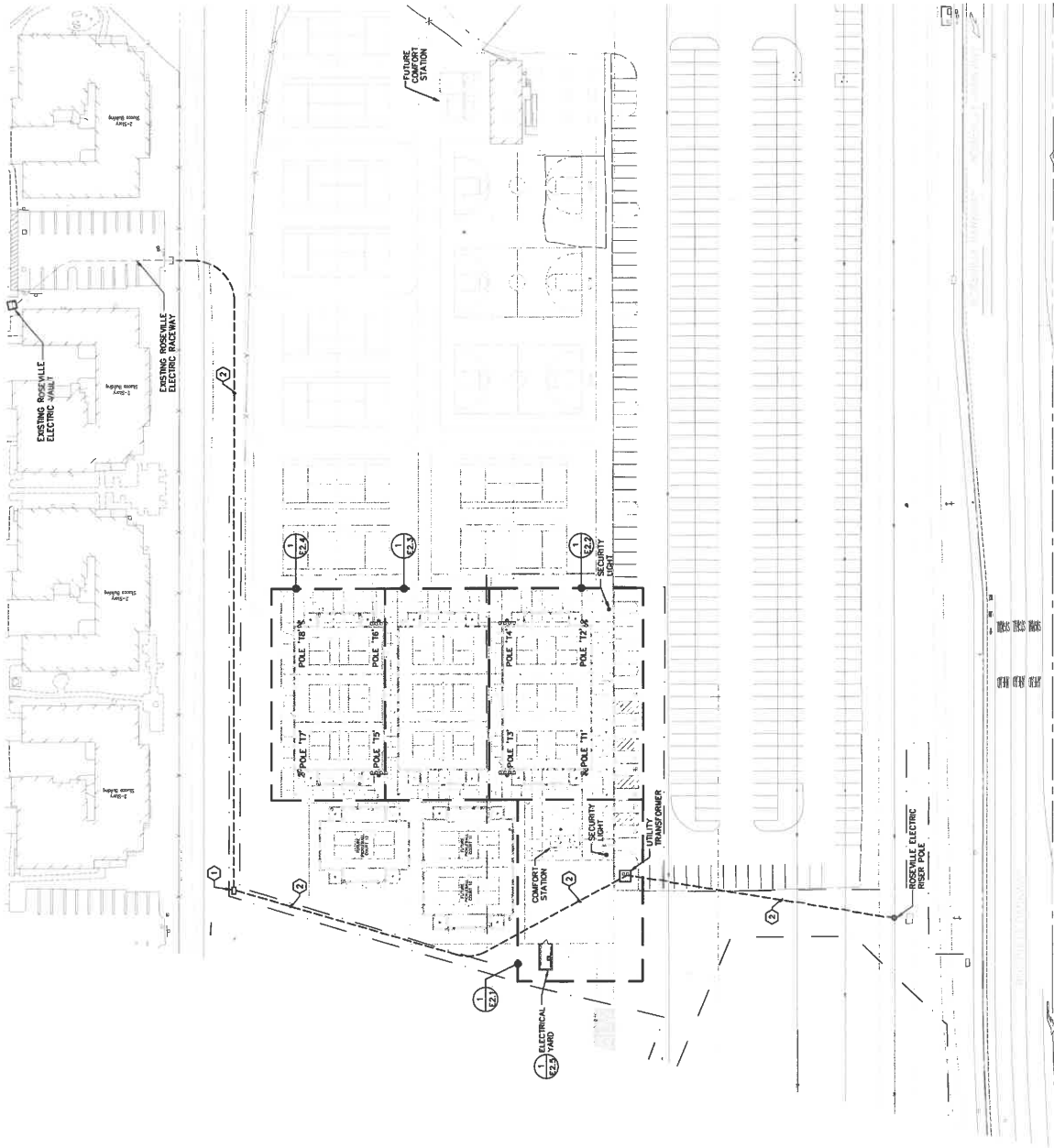
DATE

DRAWN BY	CHECKED BY
JL/JC	NH

DATE ISSUED: 03/20/2022  
SCALE

PROJ. NO.: 2014500  
SHEET NO.: E0.5  
OF  
ELECTRICAL DETAILS 2

Not for Construction Approval



1 ROSEVILLE ELECTRICAL PRIMARY VAULT.  
2 ROSEVILLE ELECTRIC PRIMARY UNDERGROUND CONDUIT. SEE TYPICAL PRIMARY TRENCH DETAIL ON SHEET E04.



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CIVIL ENGINEERING  
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18433 Inver Point Rd. Suite 140  
Palmdale, CA 93530  
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Fax 916.417.6923  
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---

**Stanton**  
ENGINEERING

PROJECT 1414  
11344 Coloma Rd, Suite 445  
Gold River, CA 95670  
TEL 916.283.8250  
[www.stantoneng.com](http://www.stantoneng.com)

SHEET TITLE	OVERALL ELECTRICAL SITE PLAN
-------------	---------------------------------

PROJECT NAME

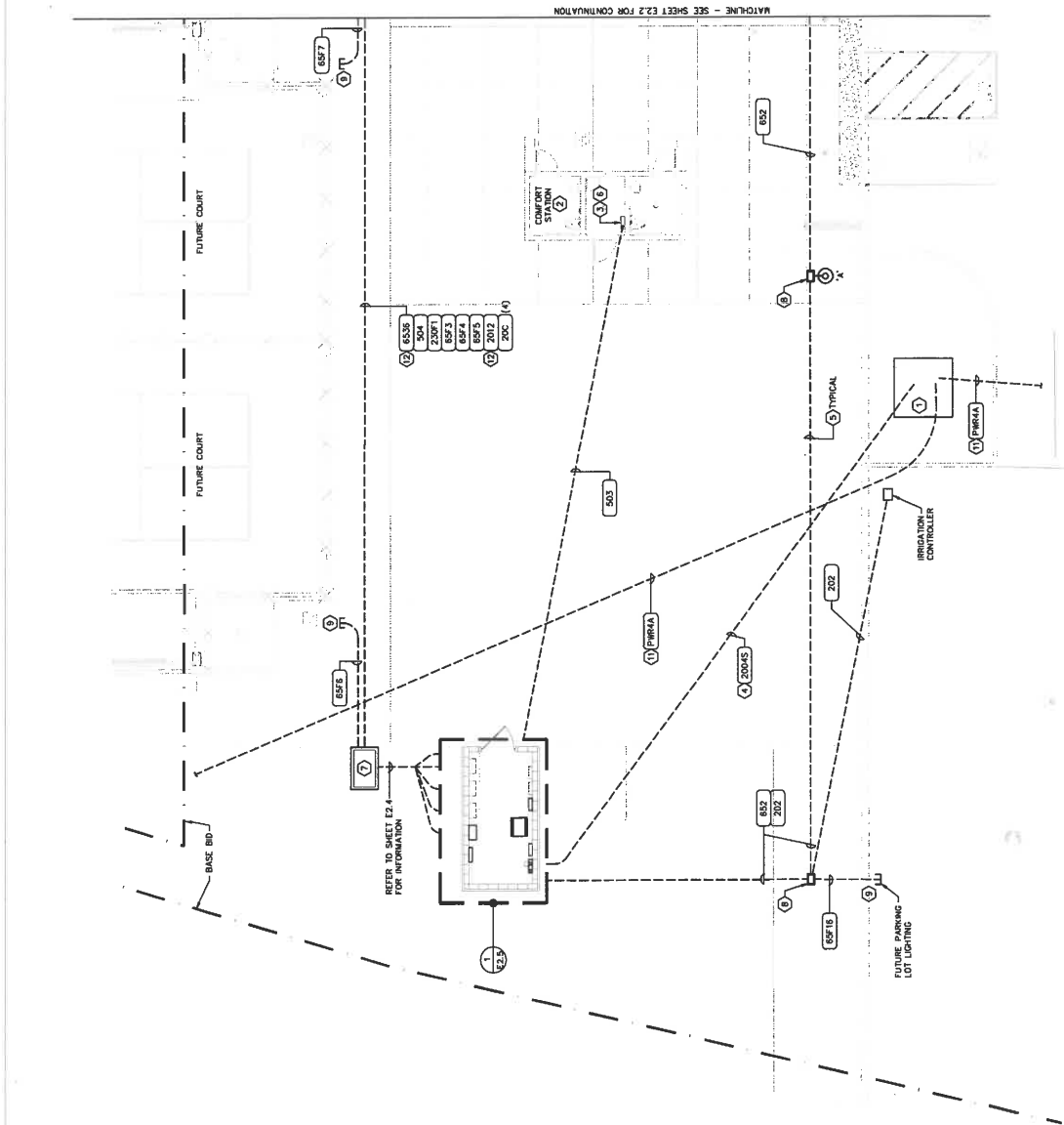
**PROJECT ADDRESS**  
**1099 ROSEVILLE PARKWAY**  
**ROSEVILLE, CA 95678**

30% SUBMITTAL	DATE	30% SUBMITTAL	DATE
75% SUBMITTAL	DATE	75% SUBMITTAL	DATE
100% SUBMITTAL	DATE	100% SUBMITTAL	DATE
REVISIONS	DATE	REVISIONS	DATE
DRAWN BY: J1/JC		CHECKED BY: NH	
DATE: 05/20/2022		SCALE:	
PROJECT NO:		2014500	
SHEET NO:		E1.1	

**E1.1** OF SHEETS  
**OVERALL ELECTRICAL SITE PLAN**

**1** OVERALL ELECTRICAL SITE PLAN  
SCALE: 1"=40'-0"

DRAWING NAME: S:\2021\21040 Gilson Park Phase 1\CAD\Eleo\21040_E1.1.dwg  
PLOT DATE: 05-19-22 PLOTTED BY: jcampbell



1 ENLARGED AREA PLAN - COMFORT STATION & ELECTRICAL YARD  
SCALE: 1/8"=1'-0"

# SHEET KEYNOTES

1. TRANSFORMER PAD PER ROSEVILLE ELECTRIC REQUIREMENTS. COORDINATE EACH LOCATION WITH ROSEVILLE ELECTRIC & COMFORT STATION CONTRACTOR.
2. COMFORT STATION, PROVIDED BY OTHERS.
3. COMFORT STATION PANEL, "251", PANEL PROVIDED BY COMFORT STATION CONTRACTOR. COORDINATE CONDUIT STUB-UP LOCATION WITH COMFORT STATION CONTRACTOR PRIOR TO ROUGH-IN.
4. UNDERGROUND CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH ROSEVILLE ELECTRIC REQUIREMENTS. SEE ROSEVILLE ELECTRIC & COMFORT STATION CONTRACTOR FOR EXACT REQUIREMENTS. COORDINATE EXACT REQUIREMENTS WITH ROSEVILLE ELECTRIC & COMFORT STATION CONTRACTOR FOR EXACT REQUIREMENTS.
5. UNDERGROUND CONDUIT, FOR INSTALLATION, SEE TYPICAL TRENCH DETAIL ON SHEET E04.
6. SEE CONDUIT STUB-UP DETAIL ON SHEET E04.
7. UNDERGROUND CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH ROSEVILLE ELECTRIC REQUIREMENTS. SEE ROSEVILLE ELECTRIC & COMFORT STATION CONTRACTOR FOR EXACT REQUIREMENTS. COORDINATE EXACT REQUIREMENTS WITH ROSEVILLE ELECTRIC & COMFORT STATION CONTRACTOR FOR EXACT REQUIREMENTS.
8. UNDERGROUND CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH ROSEVILLE ELECTRIC REQUIREMENTS. SEE ROSEVILLE ELECTRIC & COMFORT STATION CONTRACTOR FOR EXACT REQUIREMENTS. COORDINATE EXACT REQUIREMENTS WITH ROSEVILLE ELECTRIC & COMFORT STATION CONTRACTOR FOR EXACT REQUIREMENTS.
9. PROVIDE ELECTRONIC MARKER ABOVE END OF CONDUITS AS REQUIRED.
10. ROSEVILLE ELECTRIC PRIMARY PULL BOX.
11. ROSEVILLE ELECTRIC PRIMARY UNDERGROUND CONDUIT SEE TYPICAL TRENCH DETAIL ON SHEET E04.
12. TOTAL QUANTITY OF CABLES IS DEPENDANT ON ADDITIVE ALTERNATES SELECTED. OMT CABLES NOT INCLUDED IN CONTRACT SCOPE OF WORK.



DATE SIGNED: 05/20/2022  
CONSULTANT  
**Stanton**  
ENGINEERING, INC.  
11344 COLTON RD., SUITE 400  
ROSEVILLE, CA 95678  
TEL: (916) 486-1000  
WWW.STANTONENGINEERING.COM

SHEET TITLE  
**ENLARGED  
AREA PLANS  
ELECTRICAL**

PROJECT NAME  
**GIBSON  
PARK**

PROJECT ADDRESS  
**1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678**

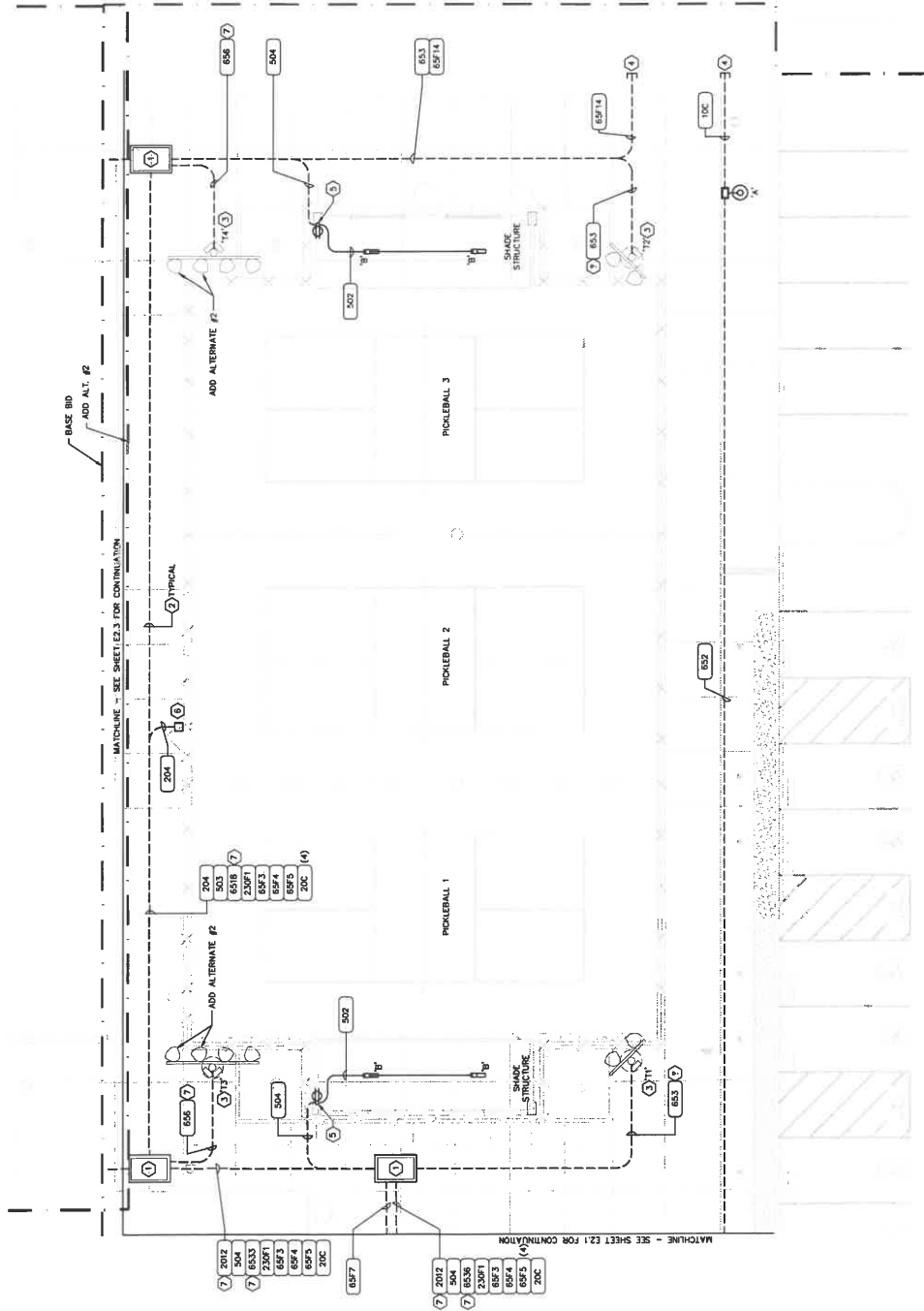
SUBMITTAL	DATE	REVISIONS	DATE
100% SUBMITTAL	05/20/2022		
75% SUBMITTAL	05/20/2022		
50% SUBMITTAL	05/20/2022		
30% SUBMITTAL	05/20/2022		
10% SUBMITTAL	05/20/2022		
DESIGN	05/20/2022		
SCHEMATIC	05/20/2022		
PRELIMINARY	05/20/2022		
CONCEPT	05/20/2022		
PROJ. NO.	2014500		
SHEET NO.	E2.1		
DATE	05/20/2022		
SCALE	1/8"=1'-0"		
DRAWN BY	JL/JC	CHECKED BY	NH

ENLARGED AREA PLANS - ELECTRICAL

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# SHEET KEYNOTES

- UNDERGROUND CONDUIT SHALL BE Labeled "ELECTRICAL" FOR INSTALLATION. SEE TYPICAL CONCRETE VOLT DETAIL ON SHEET E0.4.
- UNDERGROUND CONDUIT FOR INSTALLATION. SEE TYPICAL TRENCH DETAIL ON SHEET E0.4.
- CONDUIT SHALL BE Labeled "ELECTRICAL" FOR INSTALLATION. SEE TYPICAL TRENCH DETAIL ON SHEET E0.4.
- CONDUIT SHALL BE Labeled "ELECTRICAL" FOR INSTALLATION. SEE TYPICAL TRENCH DETAIL ON SHEET E0.4.
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- CONDUIT SHALL BE Labeled "ELECTRICAL" FOR INSTALLATION. SEE TYPICAL TRENCH DETAIL ON SHEET E0.4.
- CONDUIT SHALL BE Labeled "ELECTRICAL" FOR INSTALLATION. SEE TYPICAL TRENCH DETAIL ON SHEET E0.4.



1 PARTIAL ENLARGED ELECTRICAL SITE PLAN 1  
SCALE: 1/8"=1'-0"



Station  
ENGINEERING  
PROJECT: 100001  
DATE: 05/20/2022  
DRAWN BY: D.A.S.  
CHECKED BY: D.A.S.  
VERIFIED BY: D.A.S.  
www.stationeng.com

PARTIAL  
ENLARGED ELECTRICAL  
SITE PLAN 1

GIBSON  
PARK

PROJECT ADDRESS  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

SUBMITAL	DATE	REVISIONS	DATE
50% SUBMITAL	05/20/2022		
75% SUBMITAL	05/20/2022		
100% SUBMITAL	05/20/2022		
DATE	05/20/2022		
SCALE	1/8"=1'-0"		
PROJECT NO.	2014500		
SHEET NO.	E2.2		

PARTIAL ENLARGED ELECTRICAL SITE PLAN 1



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- SHEET KEYNOTES**
- UNDERGROUND CONDUIT FOR INSTALLATION. SEE TYPICAL TRENCH DETAIL ON SHEET E04.
  - INTERCEPT AND EXTEND SUN SHADE LIGHTING AND RECEPTACLE CIRCUITING FROM ADD ALTERNATE #1 SUNSHADE CIRCUITS.
  - INTERCEPT AND EXTEND CONDUIT FROM ADD ALTERNATE #1 SUNSHADE CIRCUITS TO ADD ALTERNATE #1 SUNSHADE CIRCUITS. SEE TYPICAL TRENCH DETAIL ON SHEET E04.
  - INTERCEPT AND EXTEND CONDUIT FROM ADD ALTERNATE #1 SUNSHADE CIRCUITS TO ADD ALTERNATE #1 SUNSHADE CIRCUITS. SEE TYPICAL TRENCH DETAIL ON SHEET E04.
  - INTERCEPT AND EXTEND CONDUIT FROM ADD ALTERNATE #1 SUNSHADE CIRCUITS TO ADD ALTERNATE #1 SUNSHADE CIRCUITS. SEE TYPICAL TRENCH DETAIL ON SHEET E04.
  - INTERCEPT AND EXTEND CONDUIT FROM ADD ALTERNATE #1 SUNSHADE CIRCUITS TO ADD ALTERNATE #1 SUNSHADE CIRCUITS. SEE TYPICAL TRENCH DETAIL ON SHEET E04.
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  - INTERCEPT AND EXTEND CONDUIT FROM ADD ALTERNATE #1 SUNSHADE CIRCUITS TO ADD ALTERNATE #1 SUNSHADE CIRCUITS. SEE TYPICAL TRENCH DETAIL ON SHEET E04.
  - INTERCEPT AND EXTEND CONDUIT FROM ADD ALTERNATE #1 SUNSHADE CIRCUITS TO ADD ALTERNATE #1 SUNSHADE CIRCUITS. SEE TYPICAL TRENCH DETAIL ON SHEET E04.
  - INTERCEPT AND EXTEND CONDUIT FROM ADD ALTERNATE #1 SUNSHADE CIRCUITS TO ADD ALTERNATE #1 SUNSHADE CIRCUITS. SEE TYPICAL TRENCH DETAIL ON SHEET E04.

DATE: 05/20/2022  
PROJECT NO: 2014500  
SHEET NO: E2.4  
OF SHEETS: 3



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Menlo Park, CA 94025  
www.verdedesign.com



DATE SIGNED: 5/19/22



**Stanton**  
ELECTRICAL ENGINEERING  
PROJECT: 21040  
1544 Camino del Rio East, Suite 415  
San Diego, CA 92108  
TEL: 619.594.0200  
www.stantoneng.com

**PARTIAL ENLARGED ELECTRICAL SITE PLAN 2**

**GIBSON PARK**

**1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678**

DATE	REVISION
05/17/22	100% SUBMITTAL
05/17/22	75% SUBMITTAL
05/17/22	30% SUBMITTAL

DATE	REVISION
05/20/2022	100% SUBMITTAL

PROJECT NO: 2014500  
SHEET NO: E2.4  
OF SHEETS: 3



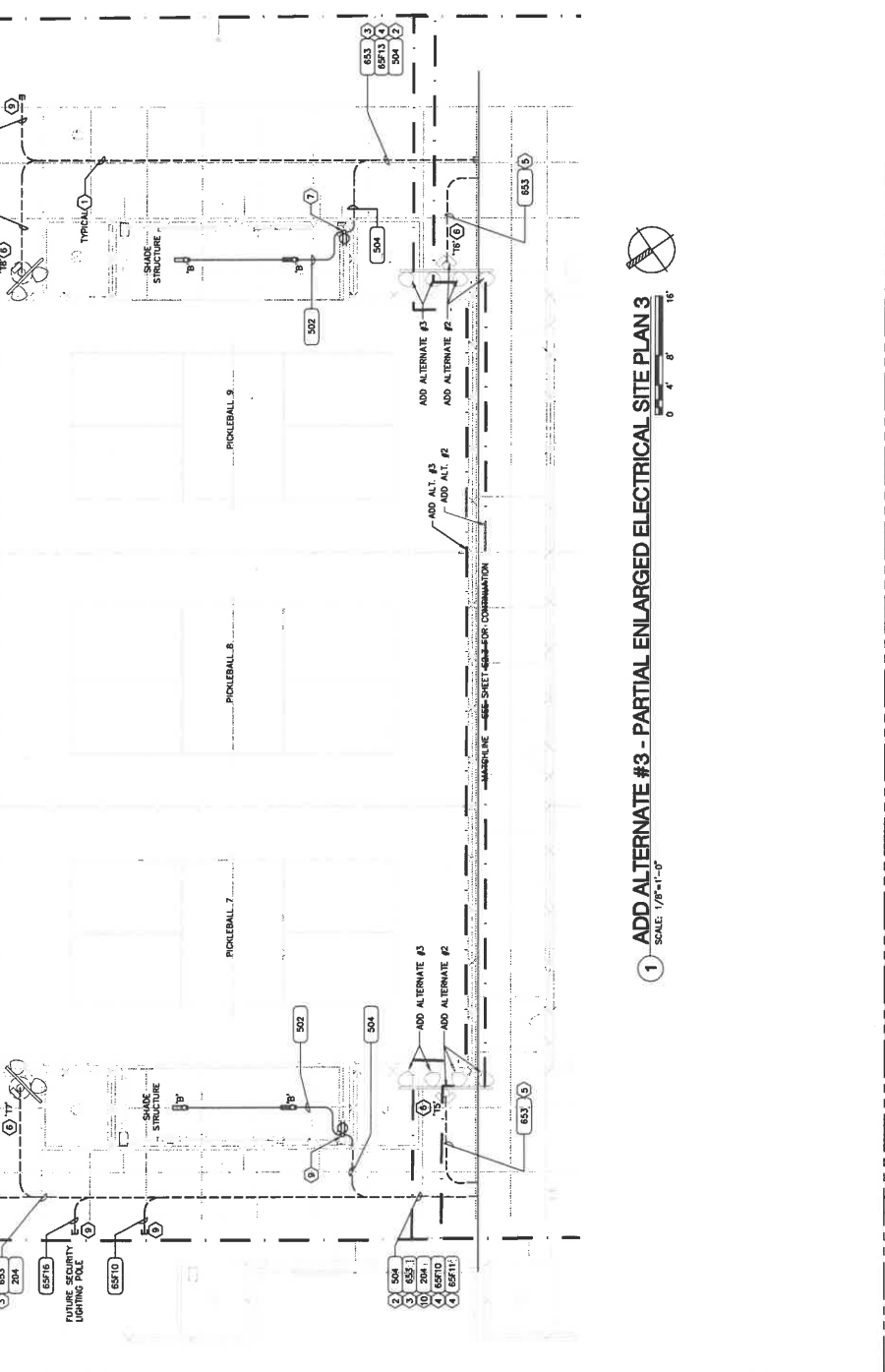
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DATE SIGNED: 5/19/22



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San Diego, CA 92108  
TEL: 619.594.0200  
www.stantoneng.com



1 - ADD ALTERNATE #3 - PARTIAL ENLARGED ELECTRICAL SITE PLAN 3  
SCALE: 1/8"=1'-0"

NOT FOR CONSTRUCTION



**CONSULTANT**



**PROJECT 21040**  
11344 Columbia Rd, Suite 445  
Gold River, CA 95670  
TEL 916.288.6250  
[www.stanfennel.com](http://www.stanfennel.com)

SWEET TREATS

ENLARGED AREA PLAN  
ELECTRICAL YARD

PROJECT NAME

**GIBSON  
PARK**

PROJECT ADDRESS

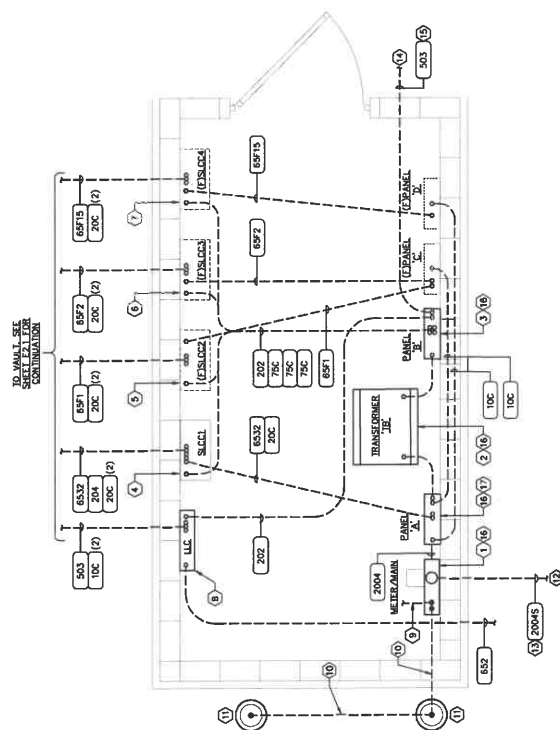
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

SUBMITAL		DATE	09/17/2022
30% SUBMITAL		DATE	09/16/2022
75% SUBMITAL		DATE	08/17/22
100% SUBMITAL		DATE	
REVISIONS		DATE	
JL/JC	NH	CHECKED BY	NH
DRAWN BY	SCALE		
DATE ISSUED			
05/20/2022			
PICOL NO.			
			2014500

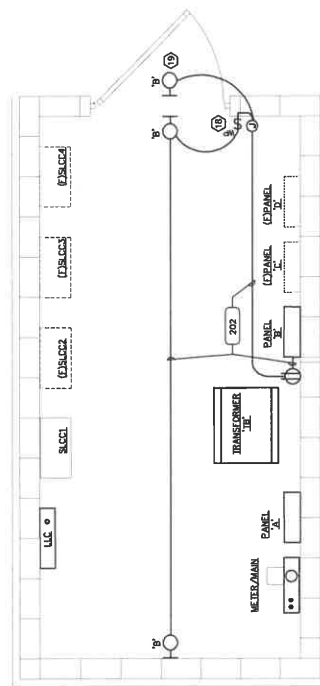
SHEET NO. **E2.5** OF SHEETS  
ENLARGED AREA PLAN - ELECTRICAL YARD

## SHEET KEYNOTES

- |  |    |                                                                                                                                                                                                                                                                            |  |
|--|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  | 1  | ELECTRICAL UTILITY SERVICE METER/HAM IN ENCLOSURE "WAMP," FOR ONE-LINE DIAGRAM ON SHEET E.O.2.                                                                                                                                                                             |  |
|  | 2  | TRANSFORMER "TB," FOR CONNECTIONS SEE ONE-LINE DIAGRAM ON SHEET E.O.2.                                                                                                                                                                                                     |  |
|  | 3  | PANEL "B," FOR CONNECTIONS, SEE PANEL SCHEDULE ON SHEET E.O.2.                                                                                                                                                                                                             |  |
|  | 4  | SPEAKER LIGHTING CONTROL, CABINET "SCB1," CABLE PROVIDED BY MUSICIUM LIGHTING FOR CONNECTIONS, SEE MAIN SCHEDULOR "MST" ONE-LINE DIAGRAM ON SHEET E.O.2. FOR SWITCHBOARD AND LIGHTING EQUIPMENT, SEE "ELECTRICIAN'S NOTE" FOR ADDITIONAL INFORMATION, SEE MUSICO DRAWINGS. |  |
|  | 5  | FUTURE SPORTS LIGHTING CONTROL, CABINET "SCC2."                                                                                                                                                                                                                            |  |
|  | 6  | FUTURE SPORTS LIGHTING CONTROL, CABINET "SCC3."                                                                                                                                                                                                                            |  |
|  | 7  | FUTURE SPORTS LIGHTING CONTROL, CABINET "SCC4."                                                                                                                                                                                                                            |  |
|  | 8  | LIGHTING CONTROL, CABINET "LCC," FOR CONNECTIONS, SEE LIGHTING CONTRACTORS WIRING DIAGRAM ON SHEET E.O.3 FOR CABINET LAYOUT, EQUIPMENT, AND CONNECTIONS.                                                                                                                   |  |
|  | 9  | UTER GROUND, 20 FEET OF #4/0 BARE COPPER IN CONCRETE FOOTING OF ELECTRICAL GENERATOR ENCLOSURE.                                                                                                                                                                            |  |
|  | 10 | #2/0 BARE COPPER GROUNDING ENCLOSED.                                                                                                                                                                                                                                       |  |
|  | 11 | 3/4" x 6'x8" BOX FOR INSTALLATION OF RIGID UNDERGROUND CONCRETE GROUND ROD AND BOX ON SHEET E.O.4.                                                                                                                                                                         |  |
|  | 12 | TO ROSEVILLE ELECTRIC TRANSFORMER PAD.                                                                                                                                                                                                                                     |  |
|  | 13 | CONNECTIONS TO EXISTING TRANSFORMER INSTALLATIONS, SEE TYPICAL ECONOMIC SECTIONS FROM THE END OF SHEET E.O.4 & COORDINATE ACTION REQUIREMENTS WITH ROSEVILLE ELECTRIC.                                                                                                     |  |
|  | 14 | TO CONTACT STATION PANEL, FOR CONTINUATION, SEE SHEET E2.1.                                                                                                                                                                                                                |  |
|  | 15 | UNDERGROUND CONDUIT, FOR INSTALLATION, SEE TYPICAL TRENCH DETAIL ON SHEET E.O.4.                                                                                                                                                                                           |  |
|  | 16 | SEE CONDUIT STRIP-UP DETAIL ON SHEET E.O.4.                                                                                                                                                                                                                                |  |
|  | 17 | PANEL "A," FOR CONNECTIONS, SEE PANEL SCHEDULE ON SHEET E.O.3.                                                                                                                                                                                                             |  |
|  | 18 | WEATHERPROOF LIGHTING SWITCH IN CAST BOX.                                                                                                                                                                                                                                  |  |
|  | 19 | WITHOUT PHOTOCELL OPTION, INSIDE FEATURES WITHOUT PHOTOCELL.                                                                                                                                                                                                               |  |



ENLARGED AREA PLAN - ELECTRICAL YARD



ENI ARGENT AREA PLAN - ELECTRICAL YARD







KEY MAP

**TABLE 1**

SHADE STRUCTURE  
ELEVATION

PROJECT NAME

**GIBSON  
PARK**

1000-0000-0000-0000

PROJECT ADDRESS  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

DATE	
08/23/23	SUBMITTAL
08/23/23	30% SUBMITTAL
08/23/23	75% SUBMITTAL

100% SUPPLEMENTED

DATE	
REVISED	
NO.	

403

DATE ISSUED	05/30/2023	SCALE	AS NOTED
DRAWN BY	ICON	CHECKED BY	CS

05/20/2022	AS NOTED
PROJ. NO. 2014500	
SHEET NO.	

## SSL.1

101.1 OF SHEETS

## HADE STRUCTURE ELEVATION

---

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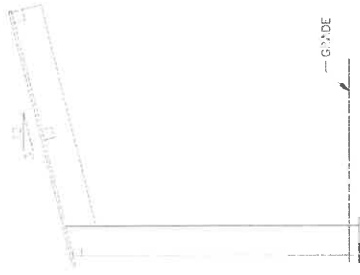
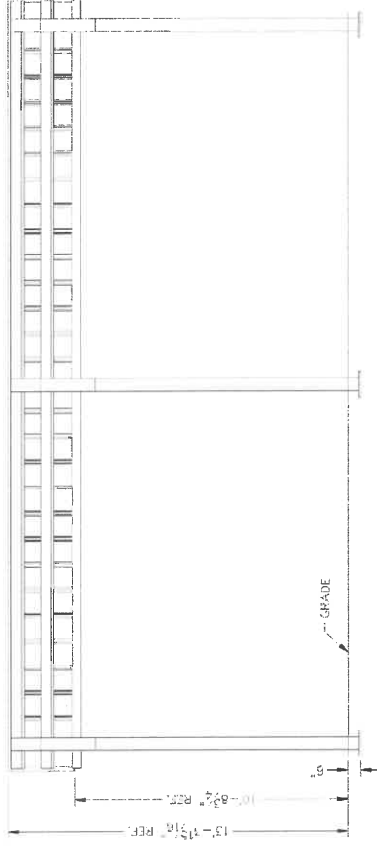
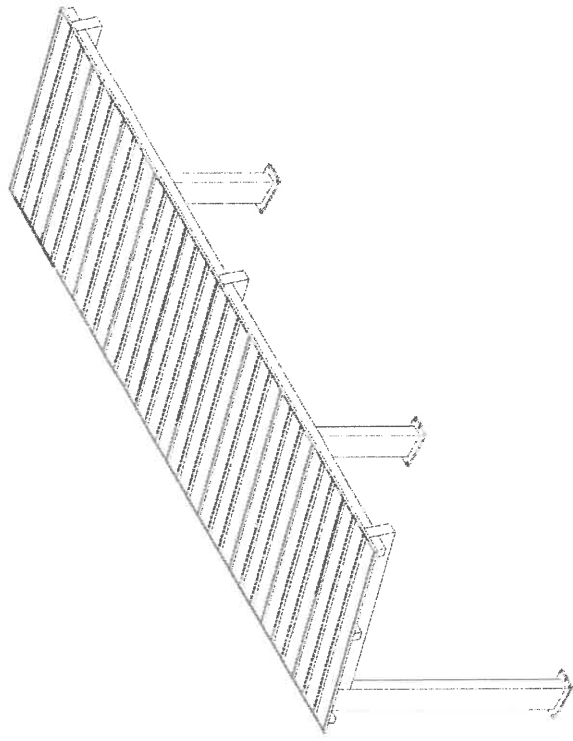
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HOLLAND MI 49423

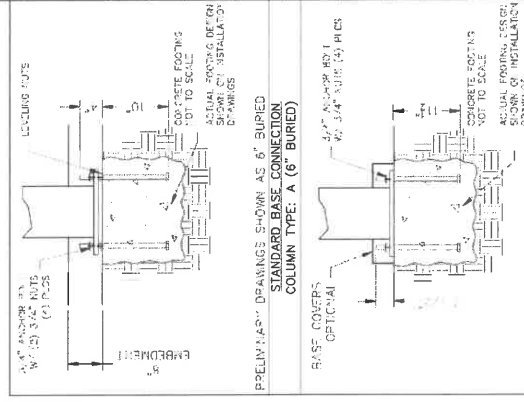
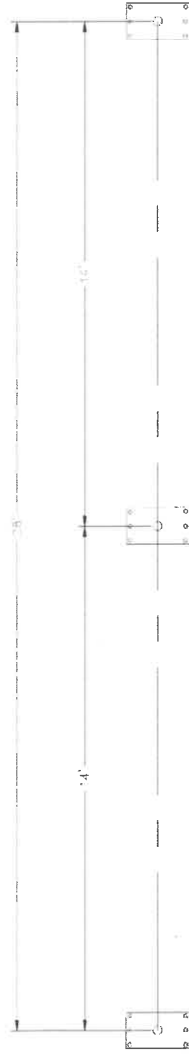
616.396.0919  
800.746.0983  
616.396.0944 FX

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DRAWN BY:	RGB
DATE:	10/22/2001
PRELIMINARY ID:	73065
REVISION:	A
BUILDING TYPE:	MC10:30-10.5M
PROJECT NAME:	MC10:30-10.54--P3

100 SHEET





OPTIONAL BASE CONNECTION  
COLUMN TYPE: B (SURFACE MOUNT W/ COVERS)

SHEET

PROJECT NAME: MC10X30-10.5V-F30

—  
HMSA  
5000

DATE:
PG8

Δμ₂

Anger Golf Layout

DWG: 06-08-2019; JNC\10x30\M-F2-36-90-55\Drawings\Preliminary\KIC10x30-10M-F2-36-90-55.dwg

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 SPORT PLANNING & DESIGN

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 Folsom, CA 95630  
 Tel: 916-418-6554  
 Fax: 916-418-6525  
[www.VerdeDesignInc.com](http://www.VerdeDesignInc.com)

STAMP

**KEY MAP**

QUESTIONS

SHADE STRUCTURE  
ANCHOR BOLT LAYOUT

PROJECT NAME

PROJECT ADDRESS  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

SUBMITTAL	DATE	REGION	DATE
30% SUBMITTAL	08/05/2022		
75% SUBMITTAL	08/05/2022		
100% SUBMITTAL	08/05/2022		

DRAWN BY	ICON	CHECKED BY	CS

DATE	SCALE	AS NOTED
05/20/2022		

PROJ. NO.	2014500

SHEET NO.

SHEET NO.

SS1.2

OF

SHEETS

NOTE: COLUMN SIZE: 14x6x1/4

SHEET

DRAWN BY:	RCB
DATE:	10/22/2021
DESIGNED BY:	L3065
REVISION:	A
DATE:	10/22/2021
PROJECT NAME:	14530-10.50.00



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\\WG1-alfers\MC\10x30\M-P3-36-90-55\Drawings\Preliminary\MC10x30-105K-P3-36-90-55~730b5.dwg



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Palo Alto, CA 94300  
tel 916.415.6354  
fax 916.415.6325  
[www.VerdeDesign.com](http://www.VerdeDesign.com)

STAMP

**KEY MAP**

**SHEET TITLE**

SHADE STRUCTURE  
FRAME

PROJECT NAME

**GIBSON  
PARK**

PROJECT ADDRESS  
1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

SUBMITTAL	DATE
30% SUBMITTAL	08/20/2022
75% SUBMITTAL	09/17/2022
100% SUBMITTAL	09/20/2022

	DATE
REVISIONS	

[illegible]

110

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DATE ISSUED	05/20/2022	SCALE	AS NOTED
PROJECT NO.		0014500	

SHEET NO. 2014300

SS1.3 OF SHEETS

OF SHEETS



STAMP

KEY MAP

SWIFT YETI®

SHADE STRUCTURE  
ROOF LAYOUT

# PROJECT NAME

**GIBSON  
PARK**

[illegible]

1099 ROSEVILLE PARKWAY  
ROSEVILLE, CA 95678

SUBMITTAL	DATE
30% SUBMITTAL	08/21/23
75% SUBMITTAL	09/17/23
100% SUBMITTAL	09/20/23

Atkinson, R. C. 1993. *Field guide to the birds of North America*. 4th ed. H. S. Gentry, ed. The Academy of Natural Sciences, Washington, D.C.

Atkinson, R. C. 1993. *Field guide to the birds of North America*. 4th ed. H. S. Gentry, ed. The Academy of Natural Sciences, Washington, D.C.

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PROJ. NO.

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## SS1.4

## SS1.4

SHADE STRIKE ROOF LAYOUT

**Shelter Systems Inc**  
 CONSTRUCTIVE STEEL SHEET PILES  
 WWW.CONSHLMTENR.COM  
 2000 FREIGHT 2004 CON-SHELTER  
 SYSTEMS, INC.  
 1455 LINCOLN AVE.  
 HOLLAND MI. 49423  
 616.396.0919  
 800.748.0985  
 416.396.1144 FAX

7/10/07 100%

DEAD

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DATE: _____

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www.elsevier.com/locate/jbiotec

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For C

# ELECTRICAL INFORMATION - MONOSLOPE CANTILEVER

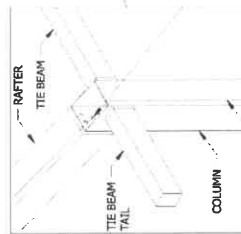
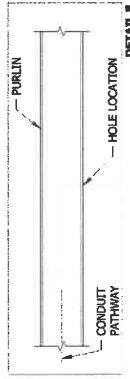
ICON'S STANDARD ELECTRICAL IS DESIGNED TO ACCOMMODATE 1/2" CONDUIT WITH A 3/8" INLET HOLE ON THE BOTTOM OF EACH COLUMN. THE CONDUIT PATHWAY RUNS THROUGH THE COLUMN, RAFTER, AND RIDGE BEAM THROUGH ALL BOLTED CONNECTIONS AS SHOWN. IF YOU HAVE SPECIAL ELECTRICAL REQUIREMENTS, PLEASE OUTLINE ANY CHANGES BELOW AS DESCRIBED.

PLEASE NOTE: DESIGN LIMITATIONS ON HOLE/CUTOUT SIZES MAY APPLY. ICON WILL REACH OUT TO DISCUSS ANY SUCH LIMITATIONS AS NEEDED.

NOTE: ICON SHELTER FRAME IS NOT UL LISTED TO ACT AS A CONDUIT FOR ELECTRICAL WIRING. CONSULT LOCAL BUILDING CODES WHEN PLANNING YOUR ELECTRICAL SYSTEM.

## OPTIONAL EXIT HOLES

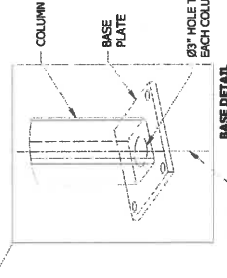
IF REQUIRED, EXIT HOLES FOR LIGHTING, ETC. CAN BE PLACED IN THE RAFTER AND/OR PURLIN. USE FRAME SHEET OF THIS PRELIMINARY TO SPECIFY REQUIRED EXIT HOLE LOCATIONS AND SIZE.



ICON PROVIDES A MINIMUM OF (1) 3/4" HOLE AT EACH CONNECTION FOR 1/2" CONDUIT. IF YOU HAVE SPECIAL ELECTRICAL REQUIREMENTS, PLEASE SPECIFY THE REQUIRED CONDUIT SIZE: (CHARGES APPLY.)

- ☐ 3/4" CONDUIT (1" HOLES)
- ☐ 1" CONDUIT (1 1/4" HOLES)
- ☐ OTHER (PLEASE SPECIFY)

CONDUIT PATHWAY PROVIDED FOR EACH COLUMN.



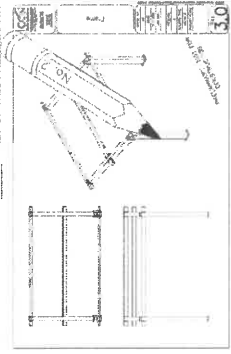
CONDUIT (NOT BY ICON)

NOTE: BUILDING DEPICTED ON THIS SHEET FOR ILLUSTRATION PURPOSES ONLY. ACTUAL LAYOUT AND FRAME MEMBER QUANTITIES VARY BY DESIGN. PLEASE REFER TO ELEVATION AND FRAME SHEETS IN THIS PRELIMINARY FOR ORDER-SPECIFIC CONFIGURATION.

## STEPS:

1. CONDUIT HOLE SIZE (DETAIL A)
2. ELECTRICAL EXIT HOLES (DETAIL B)
3. ELECTRICAL ACCESS & COVER PLATES (DETAIL C)
4. ELECTRICAL CONDUIT PATHWAY (DETAIL D)

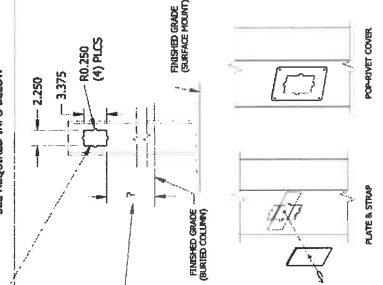
IF REQUIRED, PLEASE DRAW THE NECESSARY ELECTRICAL CONDUIT PATHWAY ON THE FRAME SHEET OF THIS PRELIMINARY.



## OPTIONAL CUTOUTS

USE FRAME SHEET OF THIS PRELIMINARY TO SPECIFY REQUIRED CUTOUT LOCATIONS (CHARGES APPLY). SEE REQUIRED INFO BELOW

- (1) STANDARD CUTOUT SIZE SHOWN. SPECIFY IF OTHER SIZE REQUIRED.
- (2) CUTOUTS WILL BE ON INSIDE FACE OF COLUMN UNLESS OTHERWISE INDICATED ON FRAME SHEET.
- (3) SPECIFY HEIGHT ABOVE FINISHED GRADE FOR EACH CUTOUT AS SHOWN

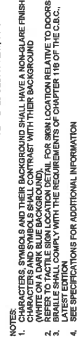
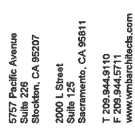


## DETAIL C

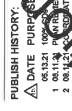
(4) COVER PLATES PROVIDED UPON REQUEST (CHARGES APPLY). PLEASE SPECIFY TYPE AND QUANTITY REQUIRED:

PLATE & STRAP  
POP-RIVET COVER PLATE  
HOW MANY REQUIRED?





WMB Project No. 20-086



**SCALE: 1/4" = 1'-0"**



**T2**



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



SCALE: 3" = 1'-0"



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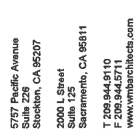












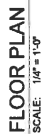
	8"x16" C.M.U. - BEARING
	6"x8"x16" C.M.U. - NONBEARING
	DOOR NUMBER - REF. A8.1
	WINDOW NUMBER - REF. A4.2
	TOILET ACCESSORY - REF. SCH. 1
	ALIGN ADJACENT FINISH SURFACE
	CENTER LINE

1. REFER TO SHEET T2 FOR POSTED SIGNAGE
2. GRID LINES ARE TO FACE OF BLOCK, U.O.N.
3. ALL DIMENSIONS ARE TO FACE OF BLOCK, U.O.N.
4. ALL EXPOSED WOOD AND TRIM TO HAVE A ROUGH-SAWN

[illegible]

DATE PURPOSE  
05.13.21 100%  
08.11.24 PLAN REVIEW/1  
2 08.11.24 CORRECTION  
CITY OF ROSEMILLE  
COUNCIL CODE CONFERENCE  
COUNCIL ON DOCUMENTS  
PAGE 06 OF 06  
PA 000001 0-1348  
R021-156

A1

[illegible]

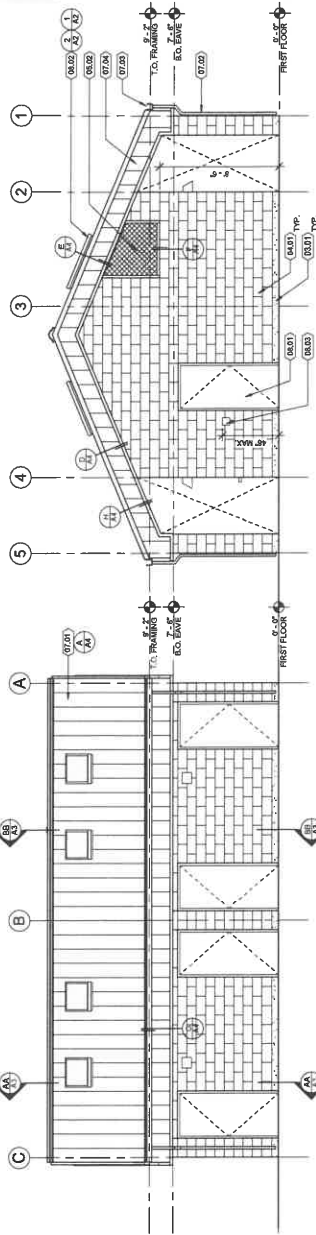


VMB  
ARCHITECTS

5757 Pacific Avenue  
Suite 228  
Redwood City, CA 94067

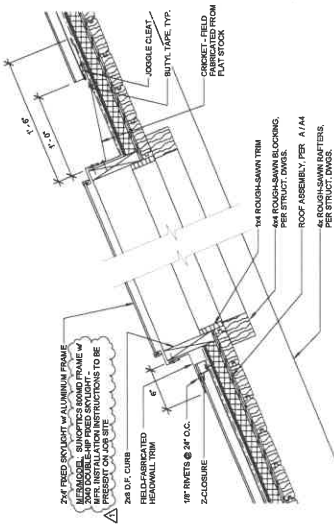
2000 L Street  
Suite 125  
San Francisco, CA 94111

T 208.944.9110  
F 208.944.5711  
www.vmbarchitects.com

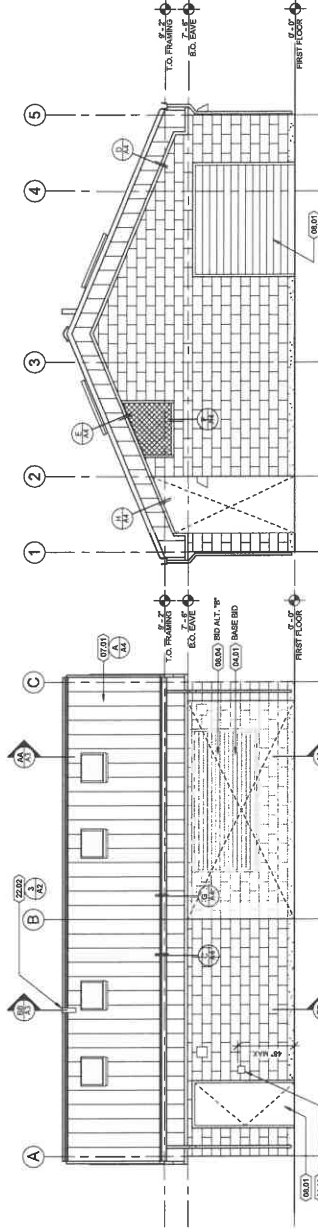


**SIDE A**  
SCALE: 1/4" = 1'-0"

**SIDE B**  
SCALE: 1/4" = 1'-0"

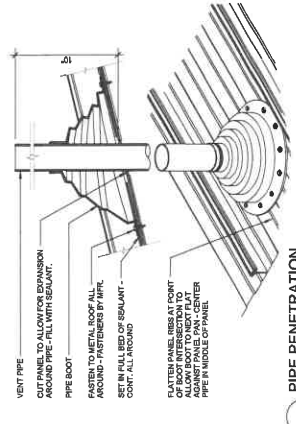


**1 SKYLIGHT @ SIDEWALL**  
SCALE: 1 1/2" = 1'-0"

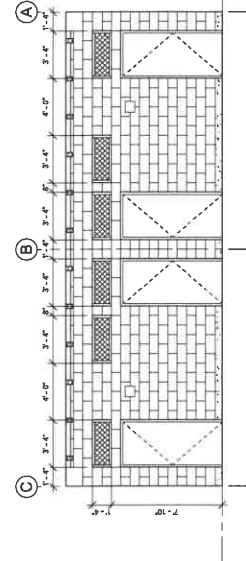


**SIDE C**  
SCALE: 1/4" = 1'-0"

**SIDE D**  
SCALE: 1/4" = 1'-0"



**3 PIPE PENETRATION**  
SCALE: 1 1/2" = 1'-0"



**SIDE A2 - WITHIN PORCH**  
SCALE: 1/4" = 1'-0"

**EXTERIOR FINISHES**  
EXPOSED WOOD  
1/4" x 2" x 2" JOIST  
MASONRY SEALER  
CLEAR WOOD SEALER  
NOTE:  
ALL CONNECTORS TO BE EXPOSED AND UNFINISHED

**KEYNOTES**  
03.01 4" CONCRETE CURB - EXPOSED AREA TO HAVE SMOOTH BACK FINISH  
04.01 4" CONCRETE CURB - EXPOSED AREA TO HAVE SMOOTH BACK FINISH  
04.02 4" CONCRETE CURB - EXPOSED AREA TO HAVE SMOOTH BACK FINISH  
05.02 3/4" x 1/2" FLAT-HEAD SCREW - REFER TO DETAIL FOR TYPE  
07.01 STANDING SEAM METAL PANEL ROOFING - REFER TO DETAIL FOR TYPE  
07.02 ROOFING ASSEMBLY - PAINT TO MATCH ROOF  
07.03 2" x 4" STUDS - PAINT TO MATCH ROOF  
07.04 METAL FLASHING PANEL TO MATCH ROOF  
08.02 2" x 4" SKYLIGHT - TYP.  
08.03 ELECTRICAL PENETRATION  
08.04 ROLL-UP DOOR WITH COUNTERTOP - 18" x 48" x 1/2" ALUMINUM  
2.02 VENT PIPE - 1/2" x 1/2" INSULATED DUCT

**PUBLISH HISTORY:**

DATE: 08/11/14  
PURPOSE: 1. REVISIONS  
2. REVISIONS

DATE: 08/11/14  
PURPOSE: 1. REVISIONS  
2. REVISIONS

DATE: 08/11/14  
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DATE: 08/11/14  
PURPOSE: 1. REVISIONS  
2. REVISIONS



Standard Comfort  
Station #1  
Redwood, CA

VMB Project No. 20-089

EXTERIOR ELEVATIONS

A2

Not for Construction  
For Council Approval



VMB  
ARCHITECTS

5757 Pacific Avenue  
Suite 220  
Stockton, CA 95207  
2000 L Street  
Suite 125  
Sacramento, CA 95811  
T 916.944.9110  
F 916.944.5711  
www.vmbarchitects.com

Standard Comfort  
Station #1  
Riverside, CA

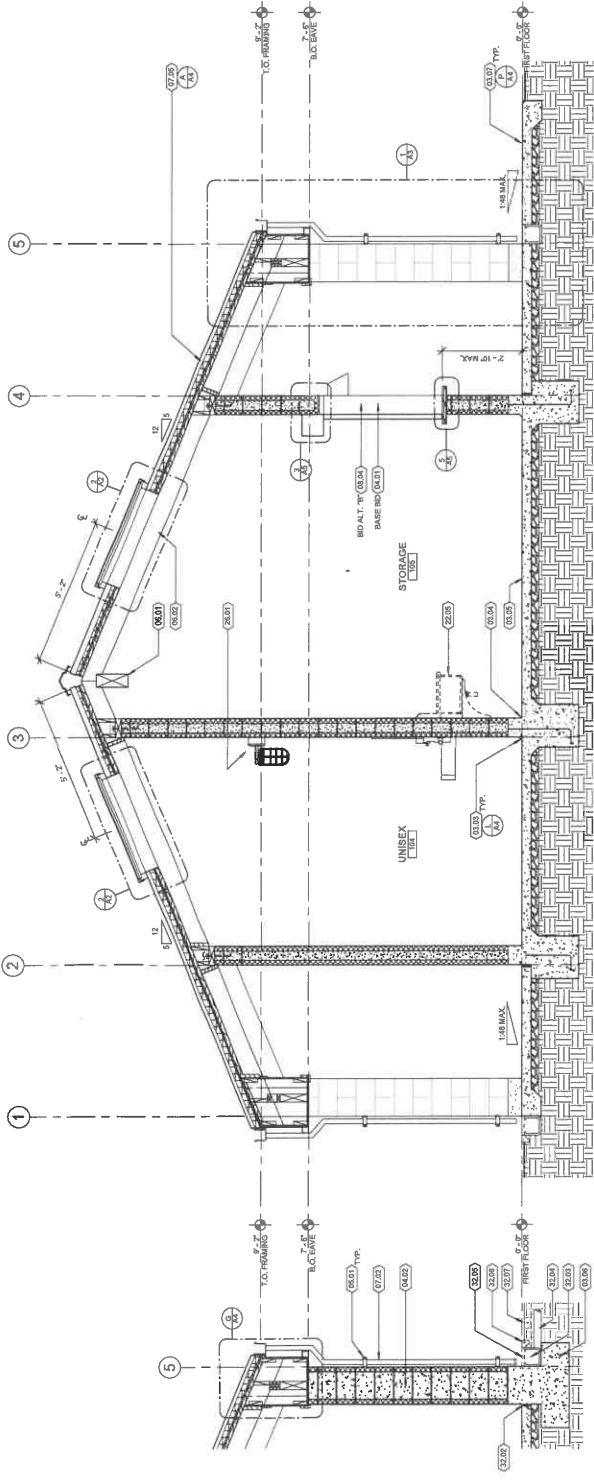
VMB Project No. 20-068

SECTIONS

A3

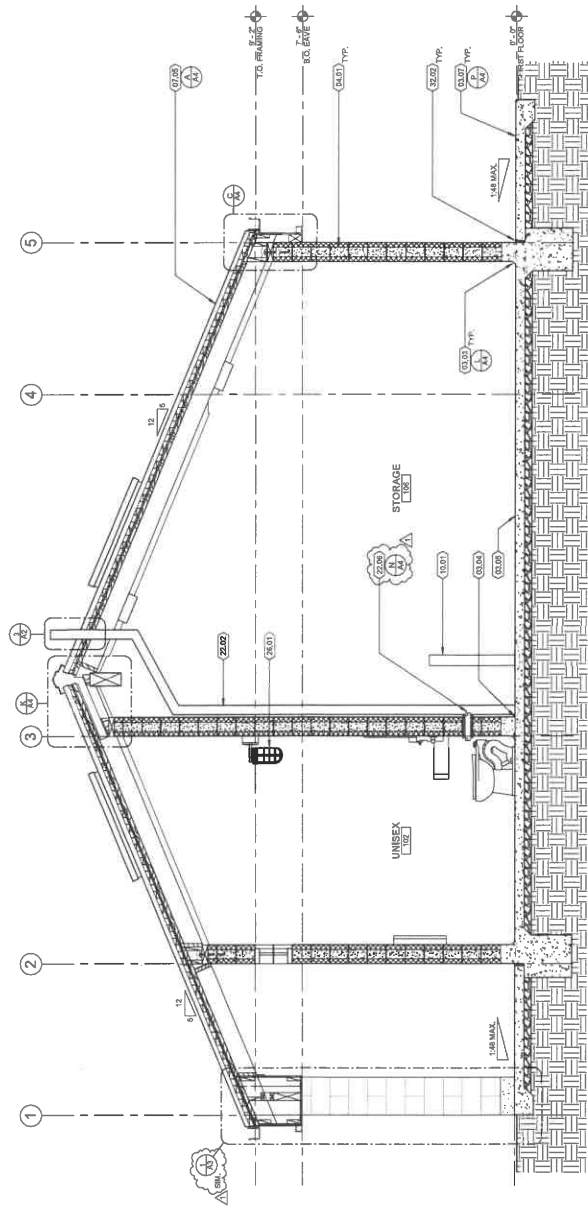
KEYNOTES

- 03.03 COVERED CONCRETE BASE - EPOXY PAINT - TYPICAL
- 03.04 RESTROOM WALL - EPOXY PAINT - TYPICAL
- 03.05 SET FOOTING BELOW CATCH BASIN AT
- 03.07 DOWNPOUT LOCATION
- 04.01 SLOPE AWAY FROM BUILDING MAXIMUM 1/4"
- 04.02 FACE INTERIOR - APPLY SEALANT AT EXTERIOR -
- 04.03 1/2" AIR GAP CONCRETE BLOCK COLUMN PER STRUCT.
- 04.04 1/2" AIR GAP CONCRETE BLOCK COLUMN PER STRUCT.
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- 04.99 1/2" AIR GAP CONCRETE BLOCK COLUMN PER STRUCT.
- 05.00 1/2" AIR GAP CONCRETE BLOCK COLUMN PER STRUCT.



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

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

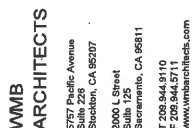


BB SECTION BB  
SCALE: 1/2" = 1'-0"



PUBLISH HISTORY:  
DATE: 06.13.21  
BY: [Signature]  
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Not for Construction  
For Council Approval  
CITY OF STOCKTON  
OFFICE OF THE CITY ENGINEER  
1000 STOCKTON AVENUE  
STOCKTON, CA 95210  
TEL: (209) 944-1111  
FAX: (209) 944-1112  
WWW.STOCKTON.CA.GOV



STANDING SEAM ROOFING SYSTEM!  
30# BLOK PAPER  
PLYWOOD - ATTACH w/ #10 x 1-1/2" WOOD SCREWS -  
PERIMETER AND FIELD CENTER @ 12" O.C.  
1-1/2" RIGID INSULATION* - ADHERE TO SHEATHING  
SHEATHING PER STRUCTURAL DWGS.

ROOFING -  
DEEP SPAN, DESIGN SPAN AND  
RIGID INSULATION -  
FORMULAR. THE TRAFALGAR

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Standard Comfort  
Station #1  
Roseville, CA

WMB Project No. 20-086



PUBLISH HISTORY:	
	DATE PURPOSE
05.13.21	100% COPIES
1 08.11.21	PLAN REVIEW
2 09.14.21	COORDINATION

## DETAILS

A

TYP. ROOFING SYSTEM

2-1/2" x 2" ANGLE W/ 1/4" F.B. STOP W/

## PLENUM SECTION

[illegible]

HEAD OF WALL @ INT. CMU

VENT SILL

7

1

PLENUM SECTION @ RIDGE

PIPE THROUGH WALL OR FOOTING

FAIR

FAIR & COFFEE

2000

0-1-7111-79406

RAKF@WALL

RAKE @ SOFFIT



[illegible]

**CONCRETE:**

- [illegible]

## MIX DESIGN SCHEDULE:

TYPE	USE CLASS	STRENGTH (@ 28 DAYS) (PSI)	CONCRETE ADJUSTED SIZE (IN) (PCF)	MAX. SPACING (IN)	MAX. WATER C/M RATIO (%)	MAX. WIND PRESSURE (PSF)	MAX. WIND SPEED (MPH)
A	SLAB ON GROUND	3000	145	1" x 14"	0.50	20% MAX	20% MAX
B	FOUNDATIONS	3000	145	1" x 14"	0.50	20% MAX	20% MAX
C	WALLS	-	-	-	-	-	-
D	RETAINING WALLS	-	-	-	-	-	-
E	PILE	2500	145	1" x 14"	0.51	20% MAX	20% MAX
F	-	-	-	-	-	-	-

**FOOTNOTES:**

1. FOR ALL WINDS REDUCING LOADS USE SPECIFICATIONS FOR PLACING.
2. FOR HOT WATER CONCRETE REFER TO A-3000.
3. FOR ALL WINDS REDUCING LOADS REFER TO A-3000.
4. OTHER MATERIALS SHALL BE REVIEWED BY THE ENGINEER OF RECORD AND TESTING SHALL BE REQUIRED.
5. SLABING SHALL NOT EXCEED 4" - 12" WHEN USING MID-RANGE WATER REDUCERS.
6. ADDITIONAL WATER SHALL NOT BE ADDED TO THE CONCRETE ONCE THE TROWELERS THE

## INSPECTION NOTES:

- [illegible]

**FOUNDATIONS:**

- [illegible]

**MASONRY NOTES:**

1. CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C900 (CONCRETE MASONRY UNITS) WITH MINIMUM 3000 PSI COMPRESSIVE STRENGTH OF 3000 PSI. ALL JOINTS SHALL BE FILLED WITH MORTAR TO MATCH JOINTS OF EXISTING WALLS.
2. CONCRETE MASONRY UNITS SHALL BE 16" HIGH BY 16" WIDE BY 8" DEEP. ALL JOINTS SHALL BE FILLED WITH MORTAR TO MATCH JOINTS OF EXISTING WALLS.
3. REINFORCING STEEL SHALL BE EPOXYED, TAPERED AND INSTALLED IN ACCORDANCE WITH 360 CMR 12.00 (REINFORCING STEEL) AND 360 CMR 12.01 (REINFORCING STEEL).
4. BEFORE MASONRY IS PLACED ON CONCRETE, CONCRETE SHALL BE CLEANED OF ALL DEBRIS AND OIL. CONCRETE SHALL BE REINFORCED WITH 4" DIA. STEEL BARS. ALL JOINTS SHALL BE FILLED WITH MORTAR TO MATCH JOINTS OF EXISTING WALLS.
5. CONCRETE MASONRY SHALL BE PLACED ON THE SURFACE TO BE CONSTRUCTED WITH THE FOUR CORNERS OF THE WALLS BEING FULLY BUILT UP TO THE TOP OF THE WALL. ALL JOINTS SHALL BE FILLED WITH MORTAR TO MATCH JOINTS OF EXISTING WALLS.
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**GENERAL NOTES:**

- [illegible]

**DESIGN CRITERIA:**

- 2019 CALIFORNIA BUILDING CODE (CBC)  
 LIVE LOAD  $L = 20$  PSF (REDUCIBLE)  
 WIND (ASCE 7-16 SIMPLIFIED WIND SPEEDS)  
 RISK CATEGORY II  
 WIND SPEED  $V = 120$  MPH  
 ROOF SLOPE  $S13$   
  
 SEISMIC (ASCE 7-16 EQUIVALENT LATERAL FORCE PROCEDURE)  
 $W = 1.0$   
 $U = 0.75$   
 $S_{DS} = 0.508$   
 $S_{D1} = 0.2206$   
 $S_{D2} = 0.2206$   
 SPECIAL REINFORCED MASONRY SHEAR WALLS  
 $1.5 \times 2.5$  CM-25  
 FOUNDATIONS  
 1000 PSF (1000 PSF) LOCAL SHORT TERM LOADS

SAFETY NOTES:

- i. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH THE PERTINENT SECTIONS OF THE "CONSTRUCTION SAFETY ORDINANCES" ISSUED BY THE STATE OF CALIFORNIA LATEST EDITION, AND ALL OTHER REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
- j. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESPONSIBILITY FOR THE CONTRACTORS FAILURE TO COMPLY WITH THESE REQUIREMENTS.
- k. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE FROM COLLAPSE, INCLUDING BUT NOT LIMITED TO, THE FOLLOWING:
  - a. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BRACING, SHORING, ETC. FOR ALL EXISTING AND NEW CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, THE INSTALLATION OF NEW BRACING AND THE MODIFICATION OF THE EXISTING FRAMING.
  - b. INSPECTION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER WILL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.







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**Standard Comfort**  
Station #1  
Riverside, CA

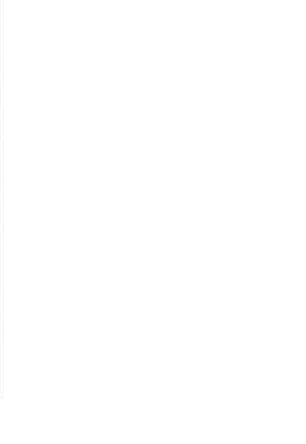
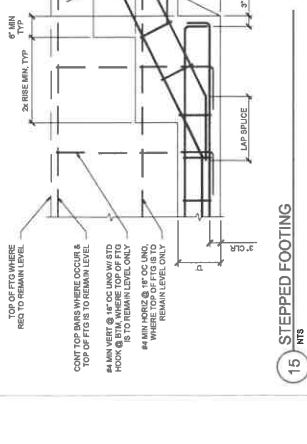
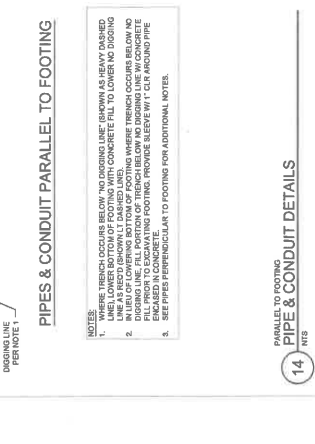
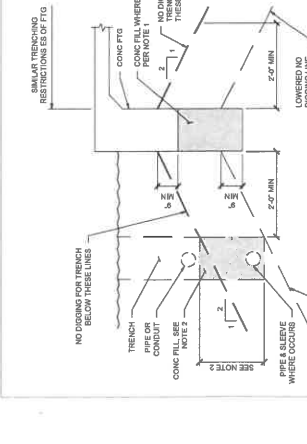
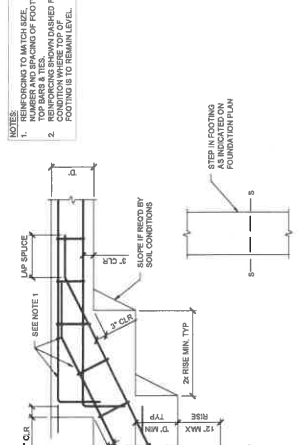
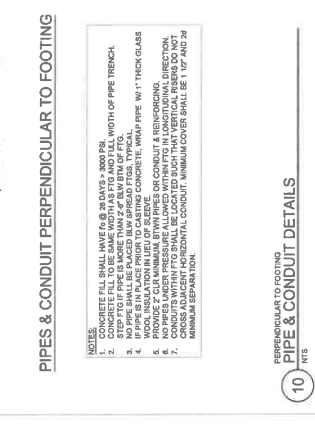
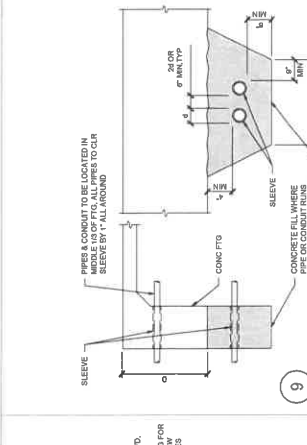
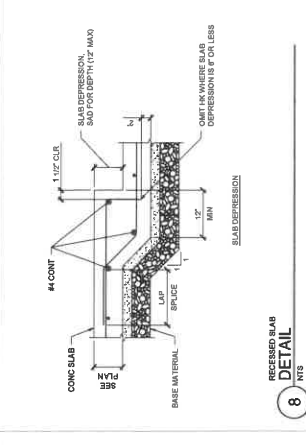
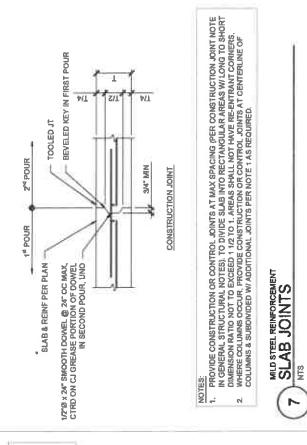
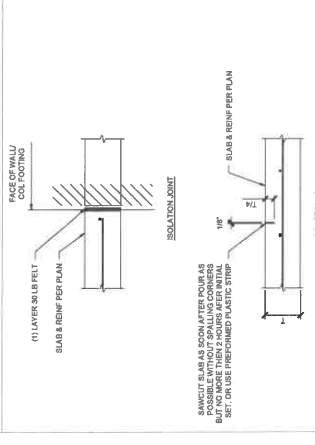
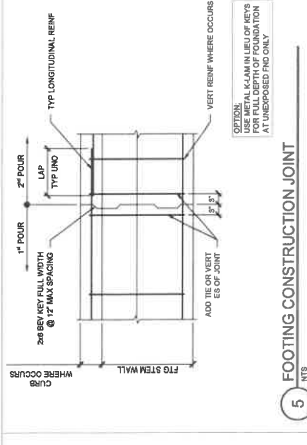
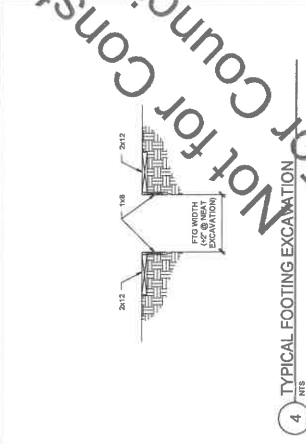
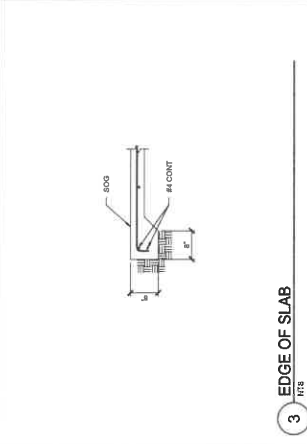
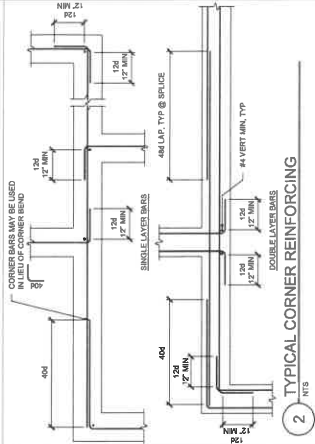
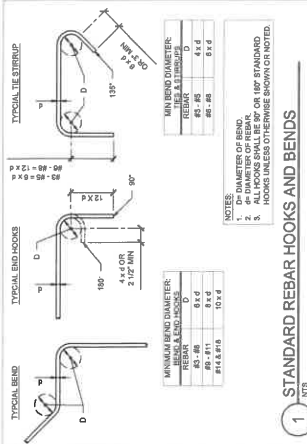
**WMB Project No. 20-008**



**PUBLISH HISTORY:**  
DATE PURPOSE  
1 08.13.21 INITIAL DESIGN  
2 08.13.21 CONSTRUCTION

**REVISIONS:**  
NO. DESCRIPTION  
1. 08.13.21 INITIAL DESIGN  
2. 08.13.21 CONSTRUCTION

**TYPICAL DETAILS**  
**\$1.1**









WMB  
ARCHITECTS

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Standard Comfort  
Station #1  
Rancho, CA

WMB Project No. 20-086



REVISIONS:

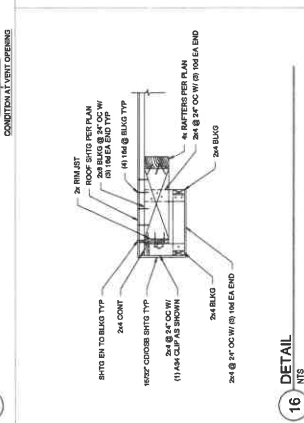
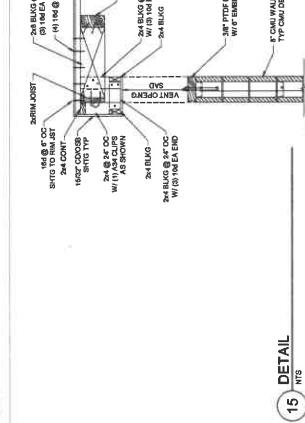
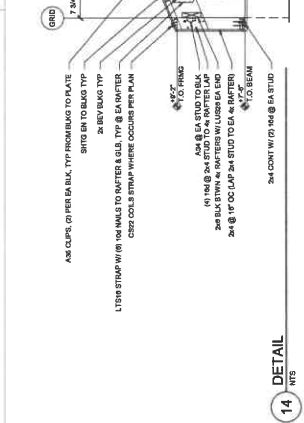
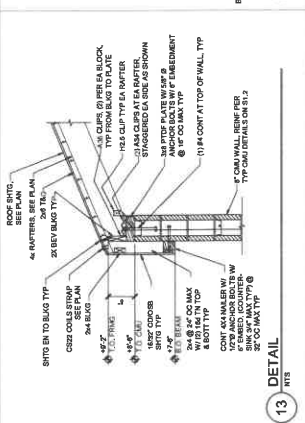
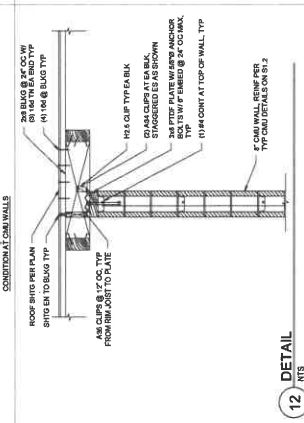
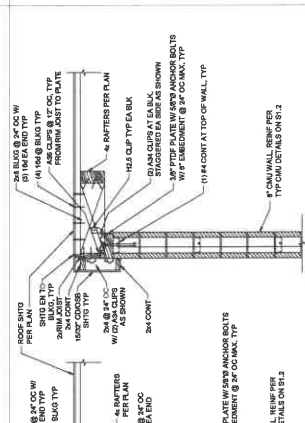
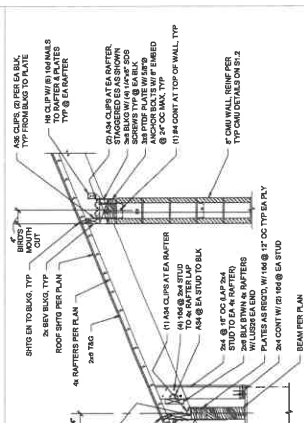
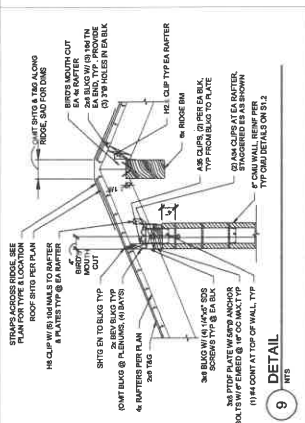
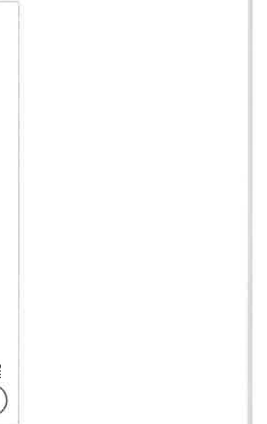
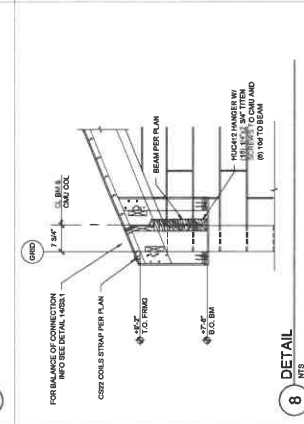
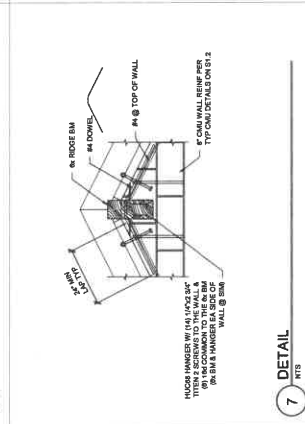
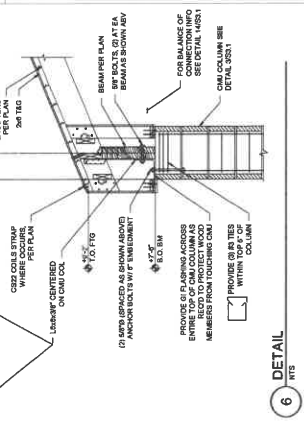
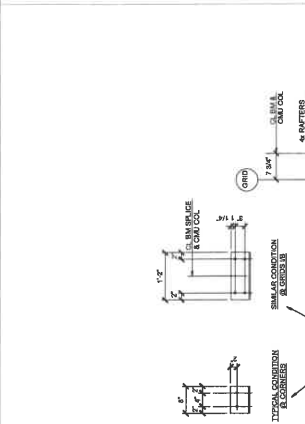
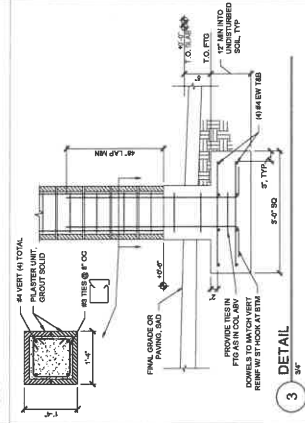
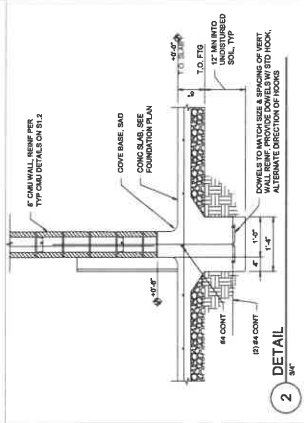
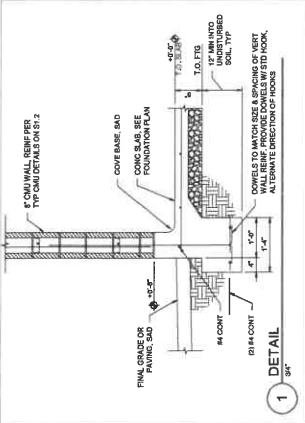
1. 08.11.21
2. 08.11.21

PROJECT:  
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STATION #100

COMFORT STATION 1  
STRUCTURAL DETAILS

\$3.1

Not for Construction Approval





NOTE: THIS IS A STANDARD SYMBOL LIST AND NOT ALL ITEMS LISTED MAY BE USED.

## DESCRIPTION

[illegible]

## DESCRIPTION

UNIT NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
WMS-1	WATER HEATER, ELECTRIC, 20 GAL., 251 POUNDS, 21 GPM AT 80 PSI, DRAIN VALVE, T.A. PALMVE, STATE ENG 20 SOLS	1	6000.00	6000.00
ET-1	EXPANSION TANK 2 GAL. CAPACITY, WELDED STEEL CONSTRUCTION, AIRTIGHT, 1/4" C	1	3.00	3.00

## NAME: STANDARD COMFORT STATION # 1

FUTURE TYPE	NO	WASTE		COLD WATER		HOT WATER		TOTAL WATERS
		FU	TOTAL	FU	TOTAL	FU	TOTAL	
HOUSE BIRD	3	0	0	7.5	0	0	0	7.5
LAVATORY (2x4x4)	4	1	4	1	4	0	0	5.333333
REFRIG. BOWL	3	2	3	3	3	3	3	4
FLOOR BOWL	0	2	12	0	0	0	0	0
MINI 2" TRAP (FUTURE)	1	3	3	1.5	1.5	1.5	1.5	3
WATER CLOSET, LOW FV	4	4	16	6	20	0	0	30
TOTAL FU			32.0		34.0		3.5	38.5
△								
EXHAUSTIVE COLD WATER FLOW RATE (GPM) MAXIMUM ALLOWED FRETION LOSS (PSID) (FT) PRESSURE AVAILABLE AT MAIN (PSI) PRESSURE AVAILABLE AT MAIN (PSI) ELEVATION (FEET) BACKFLOW PREVENTER LOSS (PSI) MINIMUM REQUIRED WATER PIPE SIZE (INCHER) MINIMUM REQUIRED WATER PIPE LENGTH FROM METEN TO MOST REMOTE FUTURE (FT)								
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FRICTION LOSS PRESSURE AVAILABLE (PSI) MAXIMUM ALLOWED FRETION LOSS (PSID) (FT) CALCULATED FRETION								

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PIPE SIZES CALCULATED BASED ON 2019 CPC APPENDIX A

NOMINAL DIMENSION	INTERNAL DIMENSION	CHIMNEY FLOW		COMPUTED LINE VALUES		HYMAN FLOW		HYMAN HOT WATER
		CFM	PS	FLUSH TANK	FLUSH VALVE	GRV	PS	
8"	6.6	1.2	2.8	0	0	3.2	2.8	0
12"	6.68	2.2	3.9	1	0	2.2	2.8	1
20"	0.739	0.7	3.9	6	0	0.7	3.8	6
3"	5.026	11.5	4.8	19	0	11.5	4.8	19
1-1/4"	1.386	28.0	5.1	30	0	18.8	5.3	29
1-1/2"	1.566	31.6	5.7	30	14	27.7	5.8	30
2"	1.866	55.5	6.8	200	92	48.2	5.6	116

1. COORDINATE INSTALLATION OF PIPING BELOW AND ABOVE GRADE WITH STRUCTURAL, COMPONENTS AND OTHER SYSTEM INSTALLATION.
2. ALL PENETRATIONS THRU FLOORS AND WALLS BELOW GRADE TO BE SEALED AT SLEEVES WITH MECHANICAL SEALING SYSTEM, TANK SEAL OR APPROVED.
3. COORDINATE ALL FIXTURES, EQUIPMENT, PIPES, ROUGH-IN CONNECTION LOCATION AND DRAIN LOCATIONS WITH ARCHITECTURAL DRAWINGS.
4. VITR SHALL BE A MINIMUM OF 150" FROM ANY OUTSIDE AIR INTAKES.

- [illegible]

TYPE K (BELOW GROUND) COPPER WITH BRAZED JOINTS	TYPE L (ABOVE GROUND) COPPER WITH WROUGHT-COPPER FITTINGS
TYPE L (ABOVE GROUND) COPPER WITH WROUGHT-COPPER FITTINGS	

DRAIN, WASTE AND VENT	NO HUB CAST IRON SOIL PIPE AND STAINLESS STEEL COUPLINGS
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1111

P1	PLUMBING COVER SHEET
P2	PLUMBING FLOOR PLANS



ALL UNDERGROUND SANITARY SEWER PIPING TO BE SLOPED AT 2%

## SHEET KEYNOTES

1. CONTRACTOR SHALL PROVIDE RECORDED TV SEWER LINE INSPECTION  
AFTER INSTALLING BUILDING SERVICE BACK TO CONNECTION WITH  
GREATLY IMPROVED TV RECORDING EQUIPMENT. PROVIDE  
RECORDING EQUIPMENT TO CITY FOR REUSE.
2. 2" RICH CAPPED SANITARY SEWER FOR FUTURE SINK.
3. 12" RICH CAPPED HOT AND COLD WATER STUDIOS FOR FUTURE SINK.
4. RECORDING EQUIPMENT TO CITY FOR REUSE.
5. MINIMUM 8" HIGH TEMPERATURE AND RELIEF PIPING TO OUTSIDE.
6. MINIMUM 8" HIGH ABOVE GRADE.
7. 2" RICH COLD WATER RISER WITH SHUT-OFF VALVE.
8. WASTE AND VENT PIPING FOR RESTROOMS TO BE LOCATED ON  
STORAGE ROOM SIDE.
9. 2" RICH COLD WATER RISER WITH SHUT-OFF VALVE.
10. WASTE AND VENT PIPING FOR RESTROOMS TO BE LOCATED ON  
STORAGE ROOM SIDE.
11. 2" RICH COLD WATER RISER WITH SHUT-OFF VALVE.
12. WASTE AND VENT PIPING FOR RESTROOMS TO BE LOCATED ON  
STORAGE ROOM SIDE.

Standard Comfort  
Station #1  
Riversville, CA

WMB Project No. 20-086



8/10/21

ABSOLUTE HISTORY.

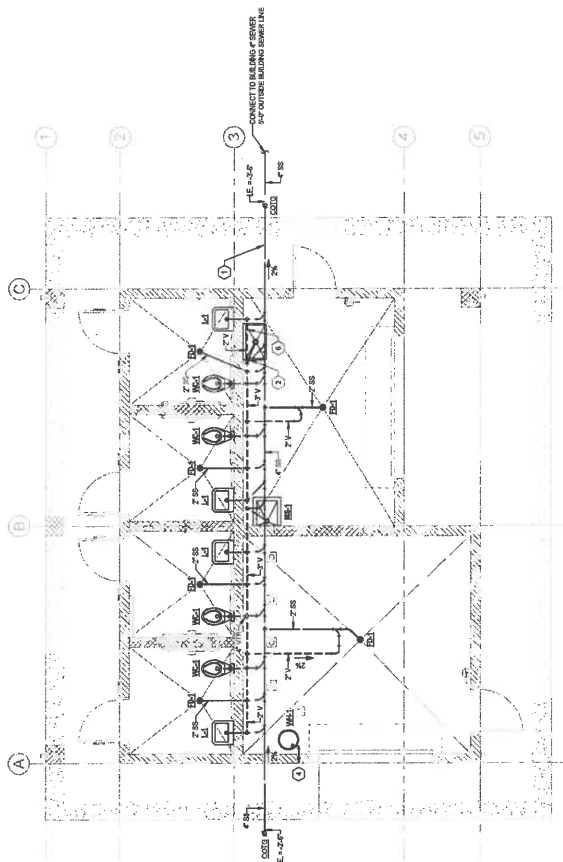
DATE	PURPOSE
06.13.21	100% SDO
1 06.11.21	FIN RE-NEW
2 06.11.21	FIN RE-NEW
3 06.11.21	FIN RE-NEW

## PLUMBING FLOOR PLANS

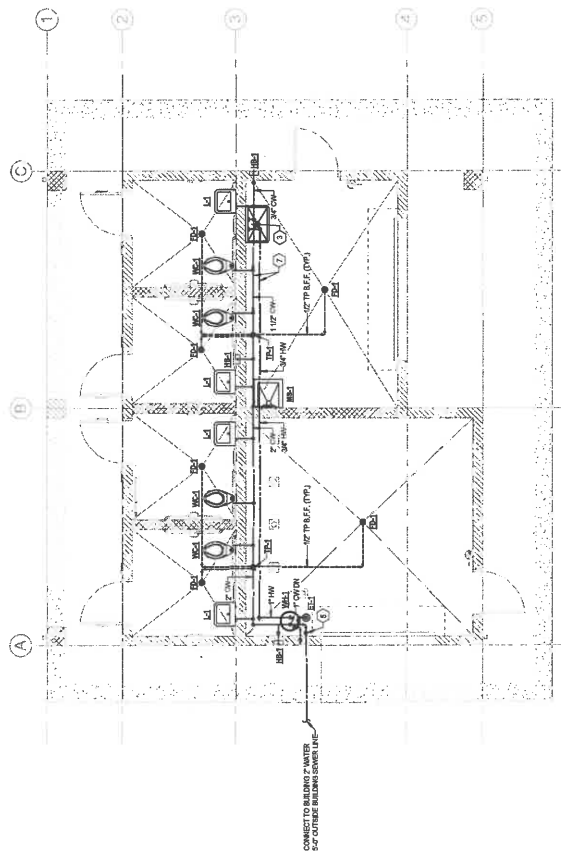
**P2**

### 3 ELECTRIC WATER HEATER DETAIL

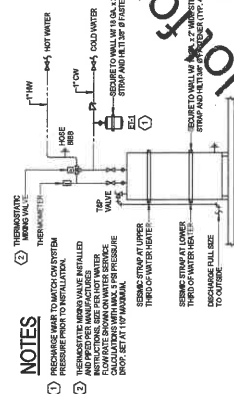
SCALE: NONE



1 FLOOR PLAN  
P2 SCALE: 1/4" = 1'-0"



2 FLOOR PLAN  
SCALE: 1/4" = 1'-0"









WMB  
ARCHITECTS

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City of Roseville Parks,  
Recreation & Libraries  
STANDARD COMFORT  
PLAN  
Roseville, CA

WMB Project No. 20-086



08.06.21 PLAN REVIEW

08.06.21  
1 08.12.21  
2 08.12.21

CITY OF ROSEVILLE  
COUNCIL  
COMMITTEE  
CITY OF ROSEVILLE  
COUNCIL  
COMMITTEE

TITLE 24 COMPLIANCE  
FORMS

E3

Section 1: General Information

Project Name: STANDARD COMFORT PLAN

Project Number: 20-086

Project Location: City of Roseville Parks, Recreation & Libraries

Project Description: Standard Comfort Plan

Project Status: In Progress

Project Manager: [Name]

Project Engineer: [Name]

Project Designer: [Name]

Project Checker: [Name]

Project Approver: [Name]

Project Date: 08.06.21

Project Revision: 1

Project Notes: [Notes]

Section 2: Compliance Requirements

Section 2.1: General Requirements

Section 2.2: Specific Requirements

Section 2.3: Additional Requirements

Section 2.4: Compliance Checklist

Section 2.5: Compliance Summary

Section 2.6: Compliance Notes

Section 2.7: Compliance Signatures

Section 2.8: Compliance Date

Section 2.9: Compliance Status

Section 2.10: Compliance Comments

Section 3: Compliance Checklist

Section 3.1: General Requirements

Section 3.2: Specific Requirements

Section 3.3: Additional Requirements

Section 3.4: Compliance Checklist

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Section 3.6: Compliance Notes

Section 3.7: Compliance Signatures

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Section 3.9: Compliance Status

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Section 4: Compliance Checklist

Section 4.1: General Requirements

Section 4.2: Specific Requirements

Section 4.3: Additional Requirements

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Section 5: Compliance Checklist

Section 5.1: General Requirements

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Section 8.10: Compliance Comments

Section 9: Compliance Checklist

Section 9.1: General Requirements

Section 9.2: Specific Requirements

Section 9.3: Additional Requirements

Section 9.4: Compliance Checklist

Section 9.5: Compliance Summary

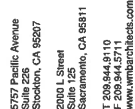
Section 9.6: Compliance Notes

Section 9.7: Compliance Signatures

Section 9.8: Compliance Date

Section 9.9: Compliance Status

Section 9.10: Compliance Comments



WMB Project No. 20-086



8.06.21	PI AN REVIEW
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05.13.21 100% CDE  
08.11.21 PUN RENEW 1  
08.13.21 CDE OPERATION

**ROSEMILLE**  
CITY OF  
CALIFORNIA  
FIRE DEPARTMENT  
BUILDING DIVISION  
CONSTRUCTION DOCUMENTS  
MUST BE ON JOB SITE

**TITLE 24 COMPLIANCE  
FORMS**

E4

[illegible][illegible][illegible]

Can Building Energy Efficiency Measures in NRI Apartment Buildings Contribute to Greenhouse Gas Reduction? *Journal of Green Building*, 2014, 9(1), 1-11

Table 1. Demographic characteristics of the study population

1. *Author's name* (Last, first, middle initial) *Title* (Professor, Assistant Professor, etc.) *Department* (Department of Biology, etc.) *University* (University of California, etc.)  
 2. *Address* (Street, P.O. Box, etc.) *City* (San Francisco, etc.) *State* (California, etc.) *Zip* (94142, etc.)  
 3. *Phone* (Area code and number) *Fax* (Area code and number) *E-mail* (Email address)

[illegible]