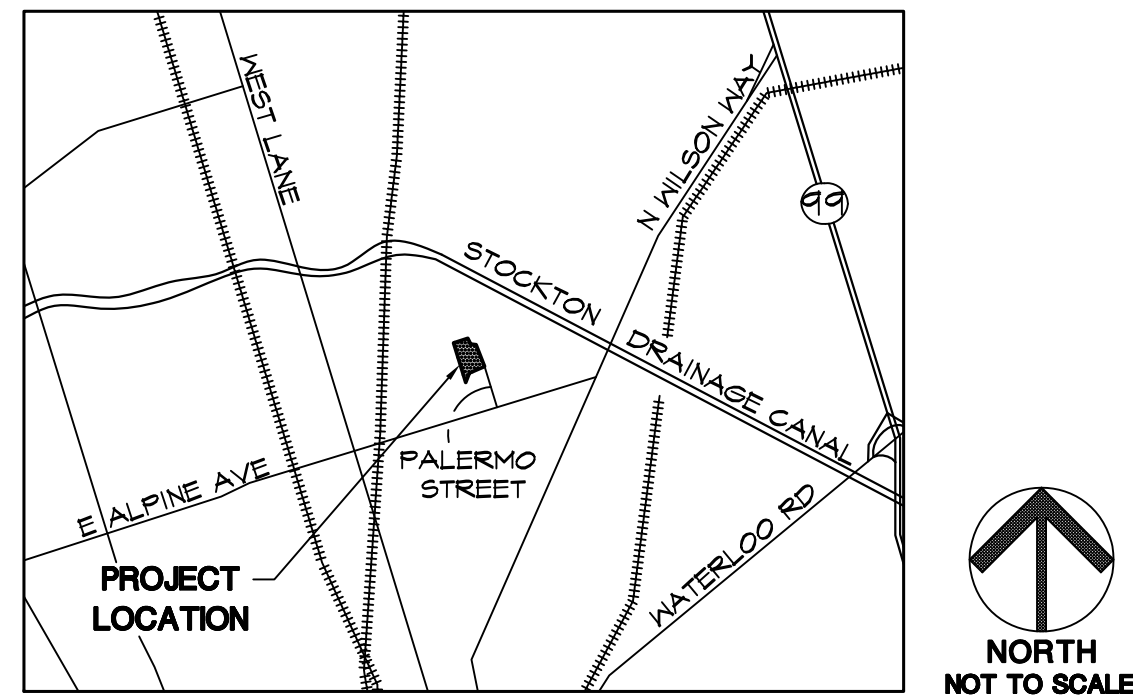


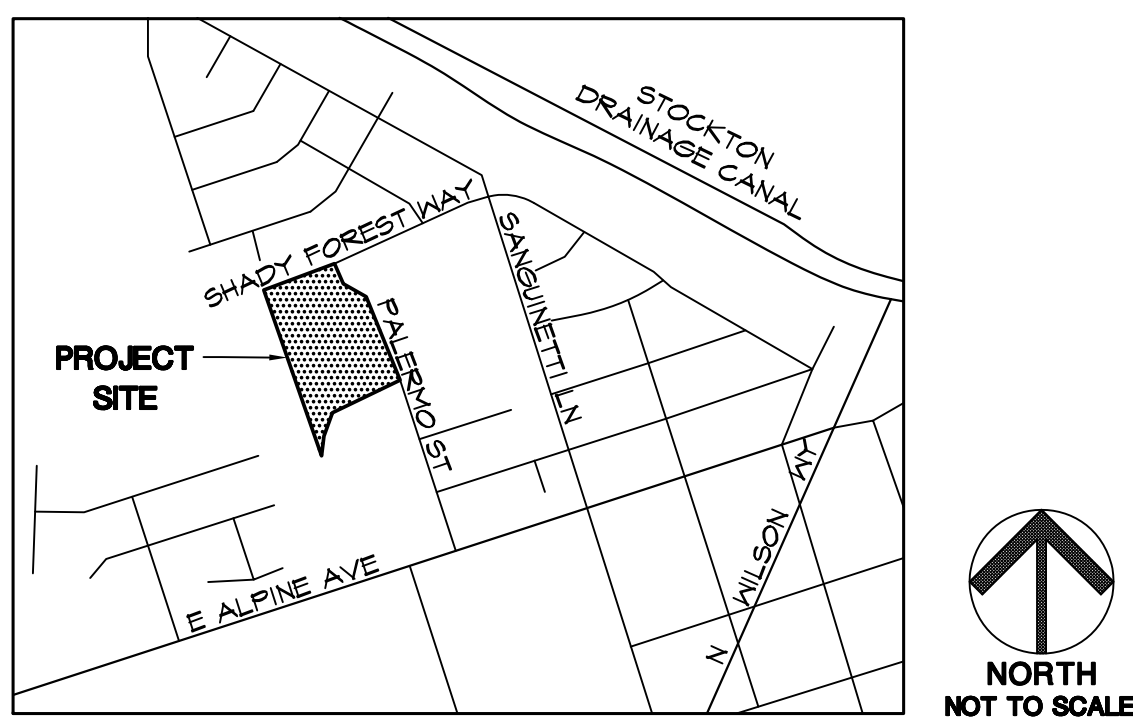
OAKMORE MONTEGO PARK

STOCKTON, CALIFORNIA

VICINITY MAP



LOCATION MAP



CITY REPRESENTATIVE:

VICTOR MACHADO
PARKS FACILITY PLANNER / LANDSCAPE ARCHITECT
CITY OF STOCKTON
22 EAST WEBER AVENUE
STOCKTON, CA 95202
TELEPHONE: (209) 937-8899

PREPARED BY:

LANDSCAPE ARCHITECT

Callander Associates
Landscape Architecture, Inc.
11180 Sun Center Dr, Suite 104
Rancho Cordova, CA 95670
Phone: (916) 631-1312
Fax: (916) 635-9153

SURVEYOR

Cooper, Thorne &
Associates, Inc.
3233 Monier Circle
Rancho Cordova, CA 95742
Phone: (916) 648-0919
Fax: (916) 648-2479

ELECTRICAL ENGINEER

Zeiger Engineers, Inc.
478 3rd Street
Oakland, CA 94607
Phone: (510) 452-9391
Fax: (510) 452-0661

GEOTECHNICAL ENGINEER

Wallace-Kuhl Associates
3050 Industrial Blvd.
West Sacramento, CA 95691
Phone: (916) 372-1434
Fax: (916) 372-2365

GENERAL NOTES

1. ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FOLLOWING: CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS ADOPTED NOVEMBER 25, 2003, AND ALL AMENDMENTS THERETO TO DATE, CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (CALTRANS) LATEST EDITION, WHERE APPLICABLE. WHERE THERE IS A CONFLICT BETWEEN THE PLANS AND THE CITY'S STANDARD SPECIFICATIONS AND PLANS, THE CITY OF STOCKTON STANDARD SPECIFICATION AND PLANS SHALL PREVAIL. ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE CITY OF STOCKTON.

2. DESIGN INTENT: THESE DRAWINGS REPRESENT THE GENERAL DESIGN INTENT TO BE IMPLEMENTED ON THE SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LANDSCAPE ARCHITECT FOR ANY ADDITIONAL CLARIFICATION OR DETAILS NECESSARY TO ACCOMMODATE SITE CONDITIONS OR ARCHITECTURAL DETAILS.

3. CONTRACTOR COORDINATION: EACH CONTRACTOR SHALL COORDINATE AND OTHERWISE INTEGRATE WORK WITH THAT OF THE CITY, CITY'S RETAINED ARTIST, AND/OR OTHER CONTRACTORS IN AN EFFICIENT AND TIMELY MANNER SO AS TO PROVIDE THE OWNER WITH A WELL-CONSTRUCTED, EASILY MAINTAINABLE PROJECT. EACH CONTRACTOR SHALL NOTIFY THE CITY AND/OR OTHER CONTRACTORS AT LEAST TWO WORKING DAYS IN ADVANCE OF COVERING, COMPLETING, OR EXPOSING WORK THAT AFFECTS WORK TO BE INSTALLED BY THEM.

CONTRACTOR SHALL INITIATE ELECTRICAL POINT OF CONNECTION COORDINATION WITH PG&E IMMEDIATELY UPON RECEIPT OF AUTHORIZATION TO PROCEED FROM CITY.

4. CONTRACTORS' JOB SITE CONDITIONS: SEE GENERAL PROVISIONS, SPECIAL PROVISIONS, GENERAL REQUIREMENTS AND TECHNICAL SPECIFICATIONS FOR CONTRACTORS' JOB CONDITION RESPONSIBILITIES.

5. COMPOSITE BASE SHEET: THE PROPOSED IMPROVEMENTS SHOWN ON THESE DRAWINGS ARE SUPERIMPOSED ON A BASE SHEET. THIS BASE SHEET IS COMPILED FROM THE TOPOGRAPHIC SURVEY, OTHER ARCHITECTURAL AND/OR ENGINEERING DOCUMENTS, AND OTHER DATA AS MADE AVAILABLE TO THE LANDSCAPE ARCHITECT, WHO SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR OTHER ERRORS ON THOSE DOCUMENTS. THE COMPOSITE BASE SHEET IS PROVIDED AS AN AID ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS AND INCORPORATING/INTEGRATING ALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE SAME.

THE BASE SHEET SOURCES FOR THESE DRAWINGS ARE:

"TOPOGRAPHIC SURVEY OF OAKMORE/MONTEGO PARK SITE"
COOPER, THORNE & ASSOCIATES, INC.
3233 MONIER CIRCLE, SUITE 1
RANCHO CORDOVA, CA 95742
PHONE (916) 638-0919, FAX (916) 638-2479
PROJECT DATE: 6/28/06
PROJECT FILE NO. 06-031-001

6. SITE REVIEW PRIOR TO SUBMITTAL OF BID: SEE GENERAL PROVISIONS, SPECIAL PROVISIONS, GENERAL REQUIREMENTS, AND TECHNICAL SPECIFICATIONS FOR CONTRACTORS' SITE REVIEW REQUIREMENTS PRIOR TO SUBMITTAL OF BID.

7. GEOTECHNICAL REPORT: SEE APPENDIX B OF THE SPECIFICATIONS FOR GEOTECHNICAL REPORT. SEE TECHNICAL SPECIFICATIONS SECTION 02220 FOR INCORPORATION OF GEOTECHNICAL RECOMMENDATION INTO GRADING OPERATIONS.

8. PRIOR TO THE SCHEDULING OF A PRE-CONSTRUCTION MEETING OR THE ISSUANCE OF AN ENCRoACHMENT PERMIT THE CONTRACTOR SHALL OBTAIN A GRADING PERMIT FROM THE CITY OF STOCKTON'S COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION.

9. UTILITIES: PRIOR TO ANY WORK BEING PERFORMED, THE CONTRACTOR SHALL CONTACT THE APPROPRIATE REGULATORY AGENCY FOR A PRE-CONSTRUCTION CONFERENCE. CONTRACTOR SHALL ALSO NOTIFY THE BELOW LISTED PROJECT CONTACTS 72 HOURS IN ADVANCE OF SAID MEETING:

- A. LANDSCAPE ARCHITECT:
CITY OF STOCKTON REPRESENTATIVE
CALLANDER ASSOCIATES
11180 SUN CENTER DR, SUITE 104
RANCHO CORDOVA, CA 95670
P: (916) 631-1312
F: (916) 635-9153
BILL WHITESIDE
- B. DEPARTMENT OF COMMUNITY DEVELOPMENT
BUILDING DIVISION
P: (209) 639-1640
BLAKE FROBERG, SUPERVISING BUILDING INSPECTOR
- C. DEPARTMENT OF MUNICIPAL UTILITIES
STORMWATER COMPLIANCE
P: (209) 943-1449
RICO RAMIREZ, PUBLIC WORKS INSPECTOR
- D. DEPARTMENT OF COMMUNITY DEVELOPMENT
CONSTRUCTION AND ENGINEERING
P: (209) 639-1282
JASON ENDER, INSPECTOR
- E. ELECTRIC/ GAS DISTRIBUTION:
PG&E
4040 WEST LANE
STOCKTON, CA 95204
P: (209) 942-1471
F: (209) 942-1768
ROSIE TAYS
- F. TELEPHONE:
PACIFIC BELL (SBC)
2300 E. EIGHT MILE ROAD
STOCKTON, CA 95212
P: (209) 474-4110
F: (209) 452-7381
JIM JELLEY
- G. CABLE TELEVISION:
AT&T BROADBAND
6505 TAM O' SHANTER DRIVE
STOCKTON, CA 95210
P: (800) 824-2000
F: (209) 955-6411
- H. SEWER:
CITY OF STOCKTON,
MUNICIPAL UTILITIES DEPARTMENT
2500 NAVY DRIVE
STOCKTON, CA 95206
P: (209) 937-8790
F: (209) 937-8777
ANTONIO TOVAR
- I. WATER:
CALIFORNIA WATER SERVICE COMPANY
1550 W. FREMONT STREET #100
STOCKTON, CA 95203
P: (209) 464-8311
BRET DAHLEN, CONSTRUCTION SUPERINTENDENT
- J. CITY:
PARKS FACILITY PLANNER / LANDSCAPE ARCHITECT,
CITY OF STOCKTON
6 EAST LINDSAY STREET
STOCKTON, CA 95202-1997
T: (209) 937-8899
VICTOR MACHADO

THE UTILITY COMPANIES ARE MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ONE-CALL PROGRAM. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF THE U.S.A. 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800) 642-2444. EXCAVATION IS DEFINED AS BEING 18 OR MORE INCHES IN DEPTH BELOW THE EXISTING SURFACE.

THE CONTRACTOR IS CAUTIONED THAT ONLY EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATION, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. HOWEVER, THE LANDSCAPE ARCHITECT CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH ARE NOT SHOWN ON THESE DRAWINGS.

INDEX TO DRAWINGS

SHEET NO.	SHEET TITLE
1	COVER SHEET
2	DEMO, GRADING & DRAINAGE PLAN
3	DEMO, GRADING & DRAINAGE NOTES
4	SITE CONSTRUCTION PLAN
5	SITE CONSTRUCTION NOTES
6-7	ENLARGEMENT PLANS
8	IRRIGATION PLAN
9	IRRIGATION NOTES & LEGEND
10	PLANTING PLAN
11	PLANT LIST & NOTES
12	EROSION CONTROL PLAN
13	EROSION CONTROL NOTES
14-17	CONSTRUCTION DETAILS
E1-E3	ELECTRICAL PLANS
21	LANDSCAPE DOCUMENTATION

EXISTING CONDITIONS LEGEND

●	MAINTENANCE HOLE	— 8"SD —	STORM DRAIN LINE
■	CATCH BASIN	— 8"SS —	SANITARY SEWER LINE
□	WATER VALVE	— [8"W] —	WATER LINE
⊙	FIRE HYDRANT	— 23+00 —	STREET CENTERLINE W/ STATION POINT
■	BLOW-OFF VALVE	— —	PUBLIC UTILITY EASEMENT
□	PULL BOX	— —	BLOCK WALL
* 20.92	SPOT ELEVATION	— —	SURVEYED CONTOUR
⊙	STREET LIGHT	— —	DESIGNED CONTOUR PER MONTEGO DEVELOPMENT PLANS. IMPROVEMENTS WILL BE EXISTING UPON COMMENCEMENT OF PARK CONSTRUCTION ACTIVITIES
× × ×	WIRE FENCE	— —	
⊙	MONUMENT	— —	
TC	TOP OF CURB	— —	
BC	BEGINNING OF CURVE	— —	

BID SUBMITTAL 11 / 17 / 11
CA PROJECT NO. 06019
CITY BUILDING PERMIT #

Revision No.	Description	Date	By	Apprvd. By

OAKMORE MONTEGO PARK

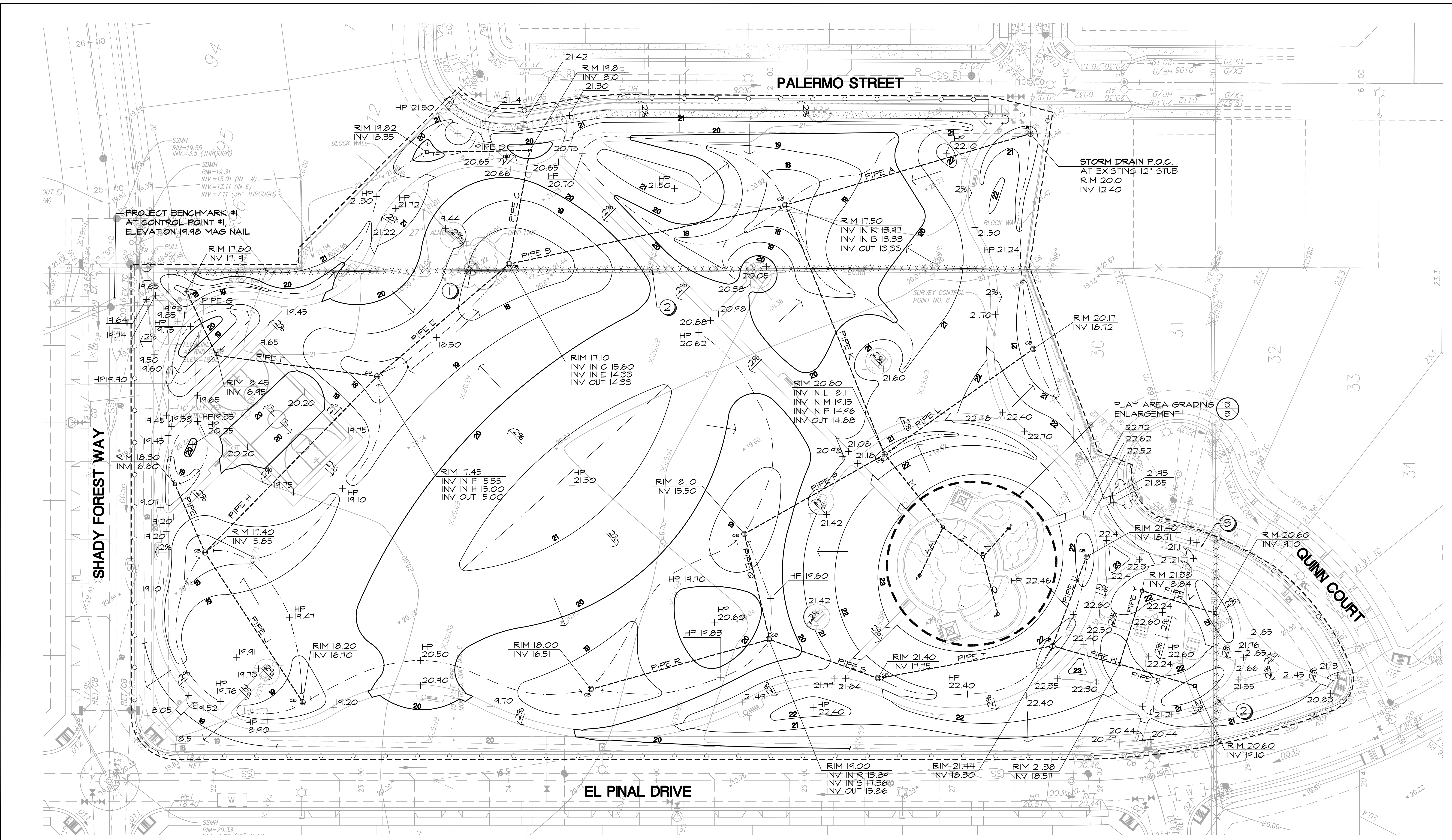
COVER SHEET

PUBLIC WORKS DEPARTMENT
CITY OF STOCKTON, CALIFORNIA

SCALE	AS SHOWN	APPROVED BY: 11/28/11	SHEET NO.
DESIGNED BY	ES/VM	DATE	1
DRAWN BY	JRT		OF 21 SHEETS
CHECKED BY	ES		
RECORD DWGS.			

4911.C

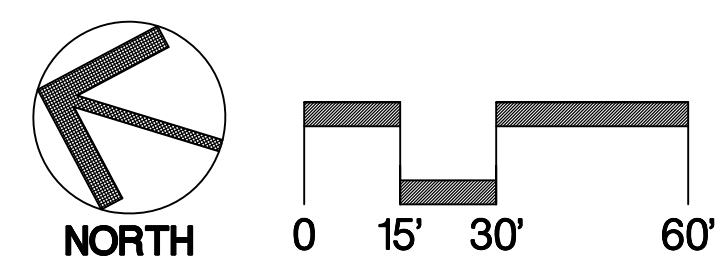




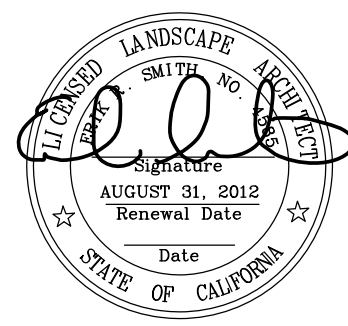
SEE SHEET 3 FOR DEMOLITION, GRADING, & DRAINAGE NOTES AND LEGEND

I HAVE COMPLIED WITH THE CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE GRADING DESIGN PLAN.

ERIK R. SMITH
SIGNATURE



Callander Associates
Landscape Architecture
1110 Sun Center Drive, Suite 104
Berkeley, CA 94707
Tel: 916.651.1312
Fax: 916.651.9133
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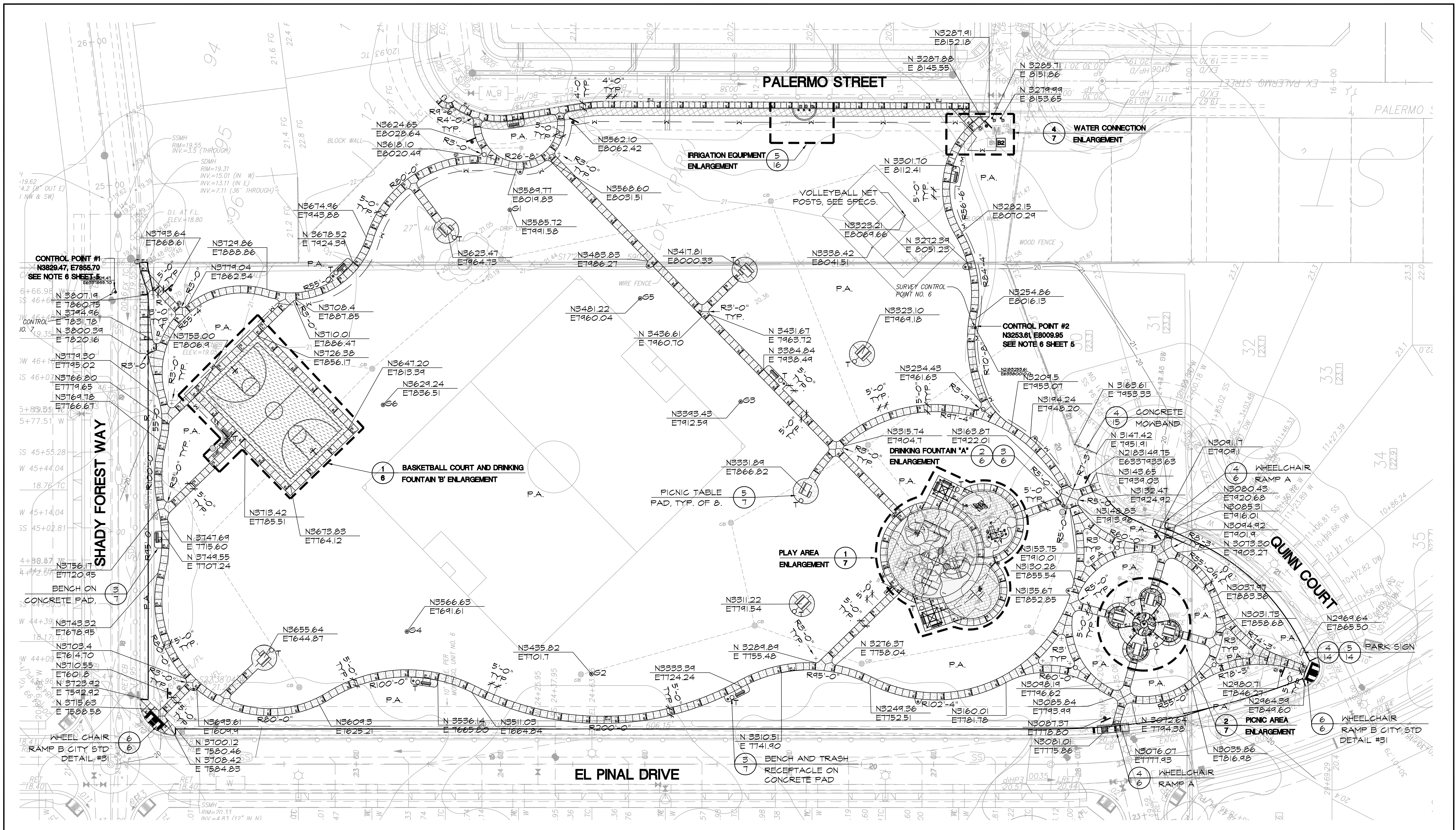


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CA PROJECT NO. 06019
CITY BUILDING PERMIT #

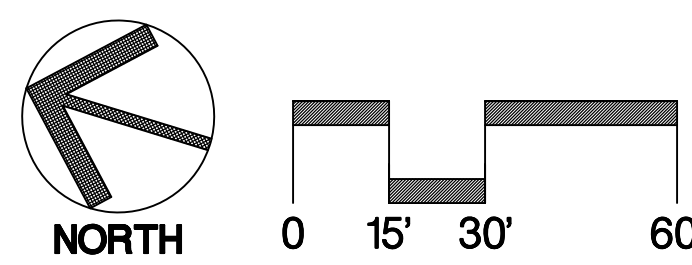
Revision No.	Description	Date	By	Apprv. By

OAKMORE MONTEGO PARK
DEMO, GRADING & DRAINAGE PLAN

PUBLIC WORKS DEPARTMENT CITY OF STOCKTON, CALIFORNIA		APPROVED BY: 11/28/11 DATE	SHEET NO. 2 OF 21 SHEETS
SCALE AS SHOWN	DESIGNED BY ES/VM	DRAWN BY JRT	
RECORD DWGS.	CHECKED BY ES	PROJECT NO.	



SEE SHEET 5 FOR SITE CONSTRUCTION NOTES AND LEGEND



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Landscape Architecture
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CITY BUILDING PERMIT #

Revision No.	Description	Date	By	Appr. By

OAKMORE MONTEGO PARK
SITE CONSTRUCTION PLAN

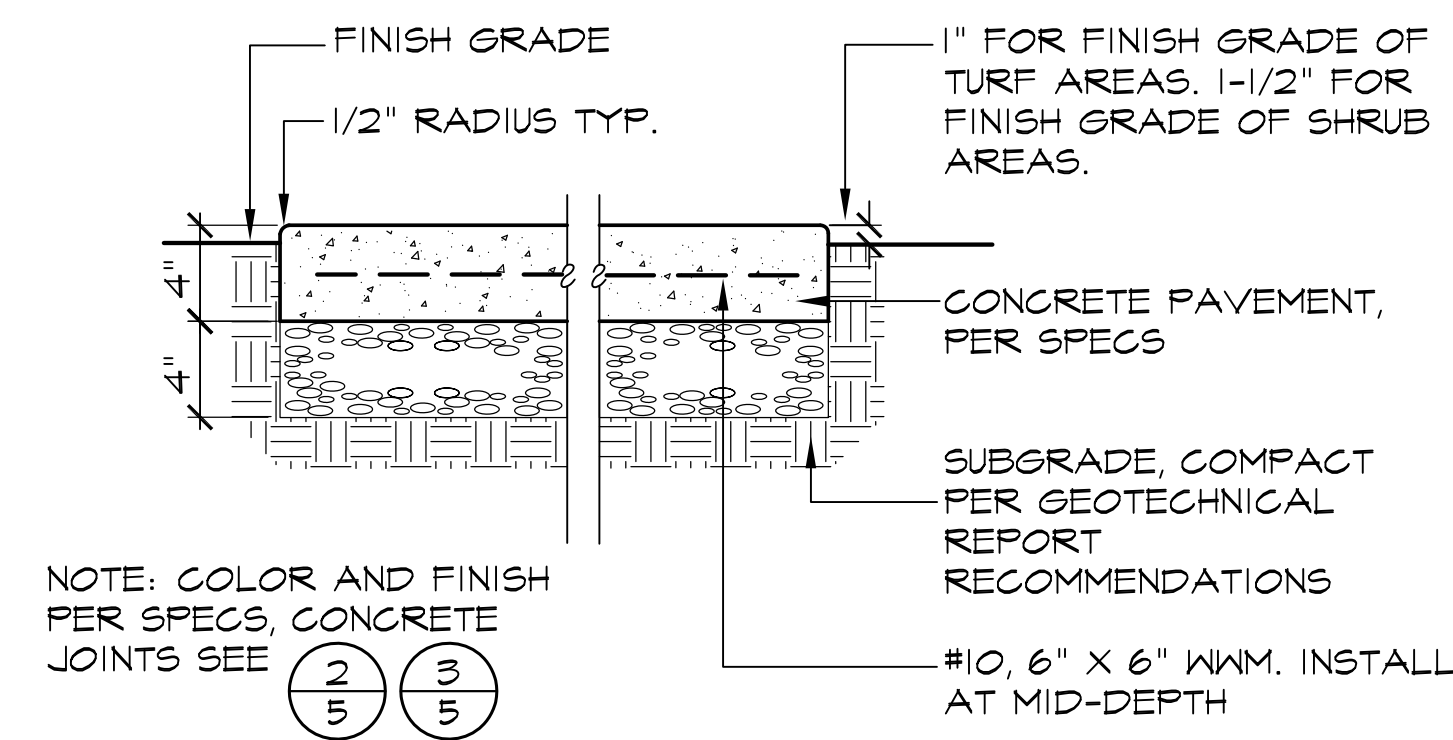
PUBLIC WORKS DEPARTMENT CITY OF STOCKTON, CALIFORNIA	
SCALE AS SHOWN	APPROVED BY: 11/28/11
DESIGNED BY ES/VM	DATE
DRAWN BY JRT	
CHECKED BY ES	
RECORD DWGS.	STOCKTON, CALIFORNIA
SHEET NO. 4	PROJECT NO.

SITE CONSTRUCTION NOTES

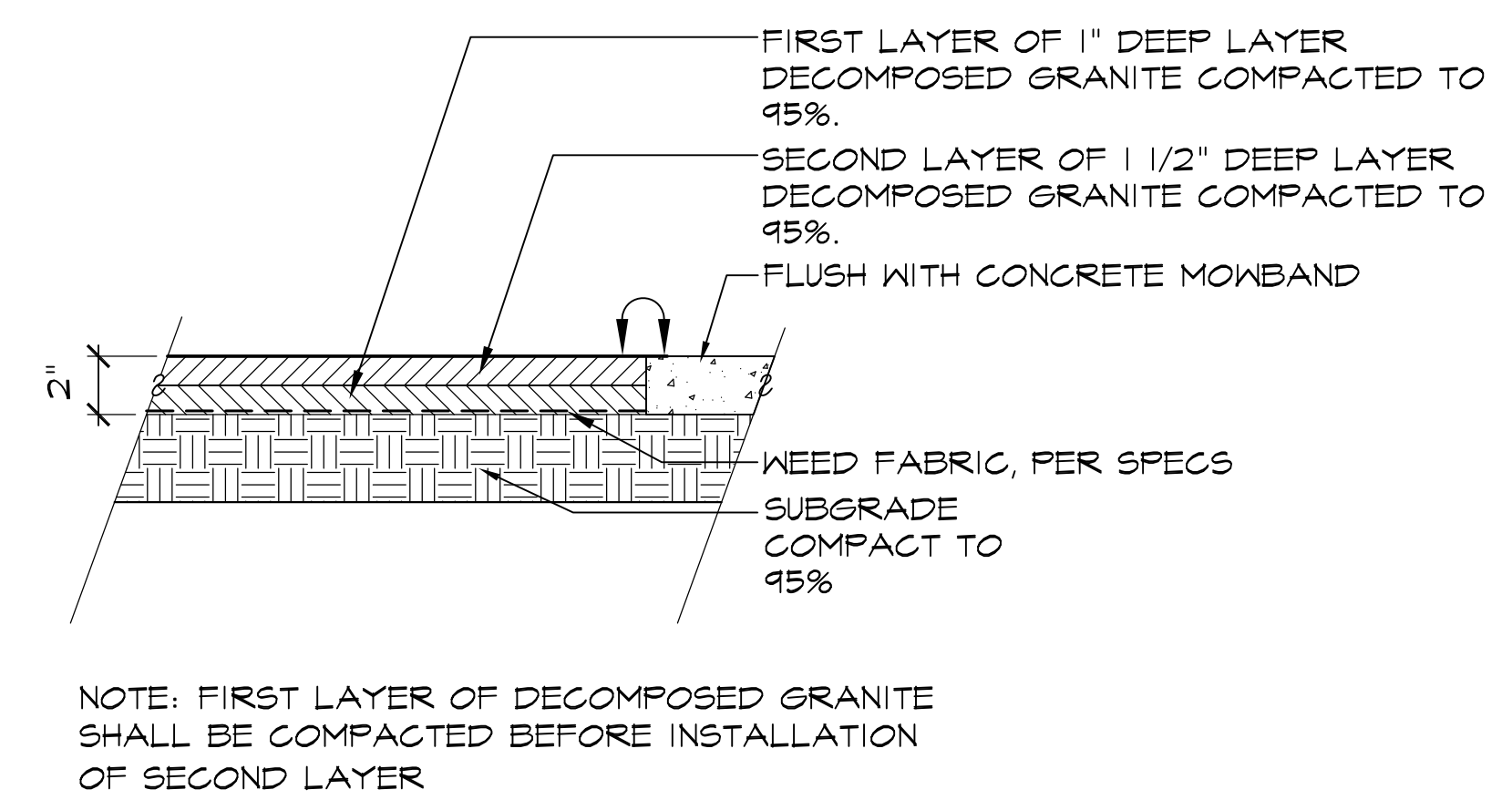
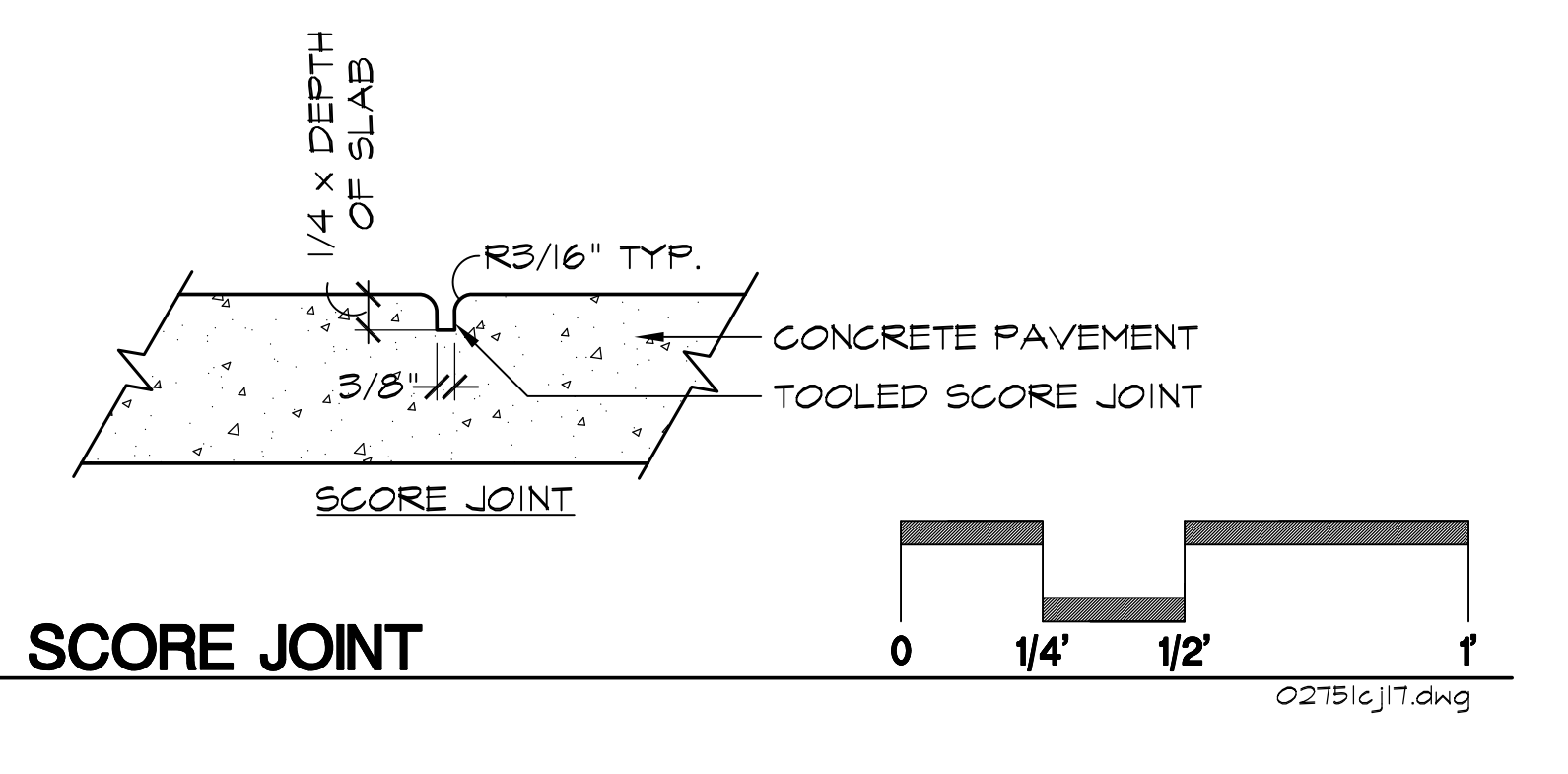
- 1. DIMENSIONS:** ALL WRITTEN DIMENSIONS SUPERSEDE SCALED DIMENSIONS.
- 2. EXPANSION JOINTS:** CONTRACTOR SHALL INSTALL EXPANSION JOINTS AS SHOWN ON DRAWINGS, AS WELL AS BETWEEN CONCRETE PAVEMENT AND WALLS, CURBS, AND EXISTING PAVING OR STRUCTURES.
- 3. TRENCH BACKFILL:** SEE SPECIFICATIONS.
- 4. PROJECT STAKING:** ALL PROPOSED SITE FEATURES SHALL BE STAKED IN FIELD FOR REVIEW BY THE CITY REPRESENTATIVE PRIOR TO CONSTRUCTION. ALL CURVES SHALL BE SMOOTH AND CONTINUOUS WITH CAREFULLY MATCHED TANGENTS.
- 5. BASIS OF COORDINATES:** CONTROL POINT #1: SET MAG NAIL ON SHADY FOREST WAY, LOCATION PER PLAN. CONTROL POINT #2: SET MAG NAIL ON SOUTHERN PORTION OF SITE, LOCATION PER PLAN.
NOTE TO CONTRACTOR: ONCE THE CONTROL POINTS HAVE BEEN ESTABLISHED ONSITE, NORTHINGS AND EASTINGS ON THE SITE CONSTRUCTION PLAN ARE SHOWN TO REFLECT THE FOLLOWING CHANGES. NORTHING/EASTING N2183253.6124 E6338009.9505 HAS BEEN SHORTENED TO READ N3253.61 E6009.95.
- 6. PROJECT BENCHMARK:** THE BENCHMARK USED FOR THIS PROJECT IS THE CITY OF STOCKTON BENCH MARK NO. 87. A CUT SQUARE ON TOP OF CURB AT MIDPOINT OF NE RETURN OF SANGUINETTI LANE AND STADIUM DRIVE (TBM 172-E885P), ELEVATION OF 21.38 USING THE CITY OF STOCKTON 1996 ADJUSTED DATUM DERIVED FROM NGVD 29.

SITE CONSTRUCTION LEGEND

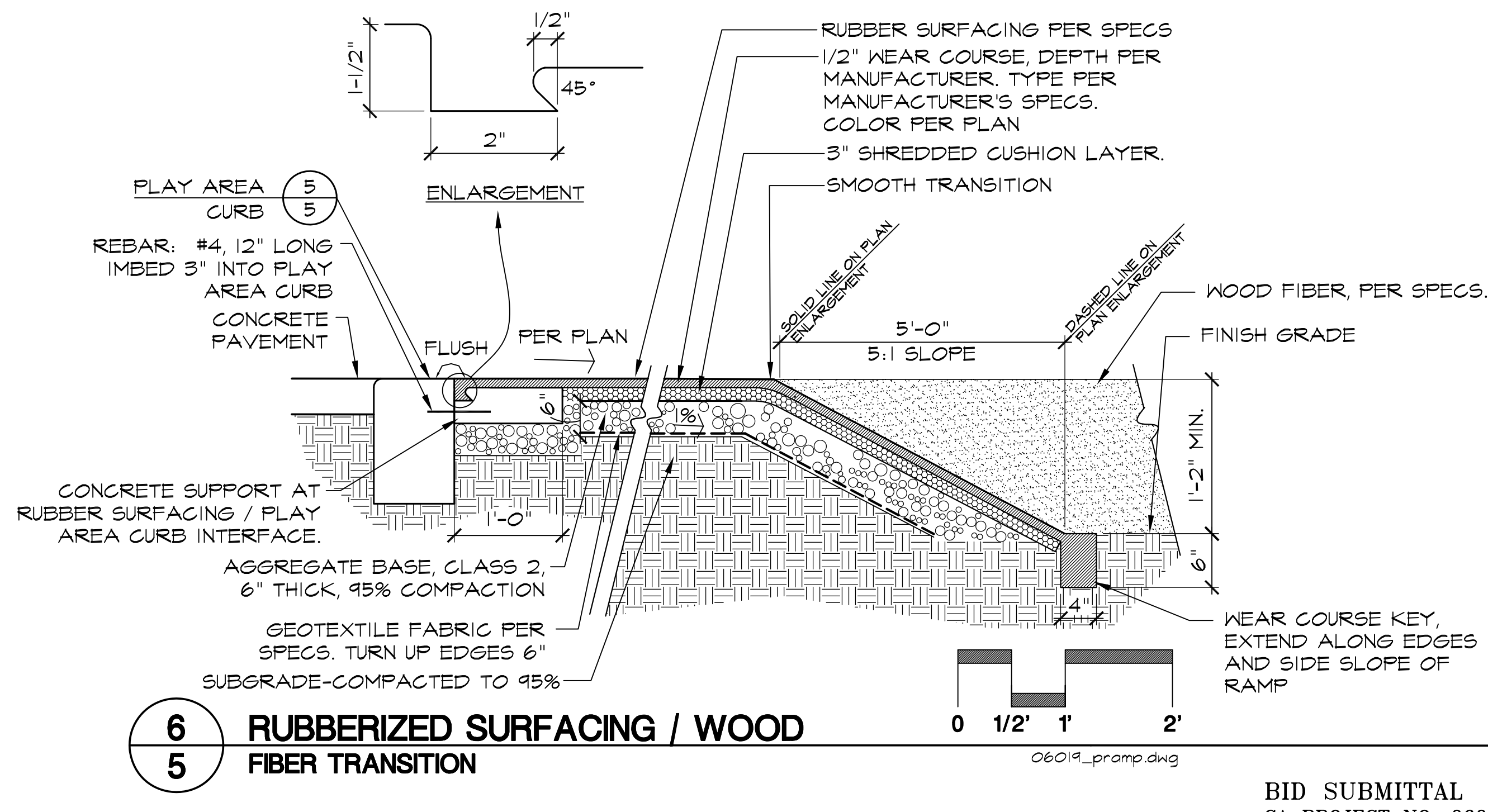
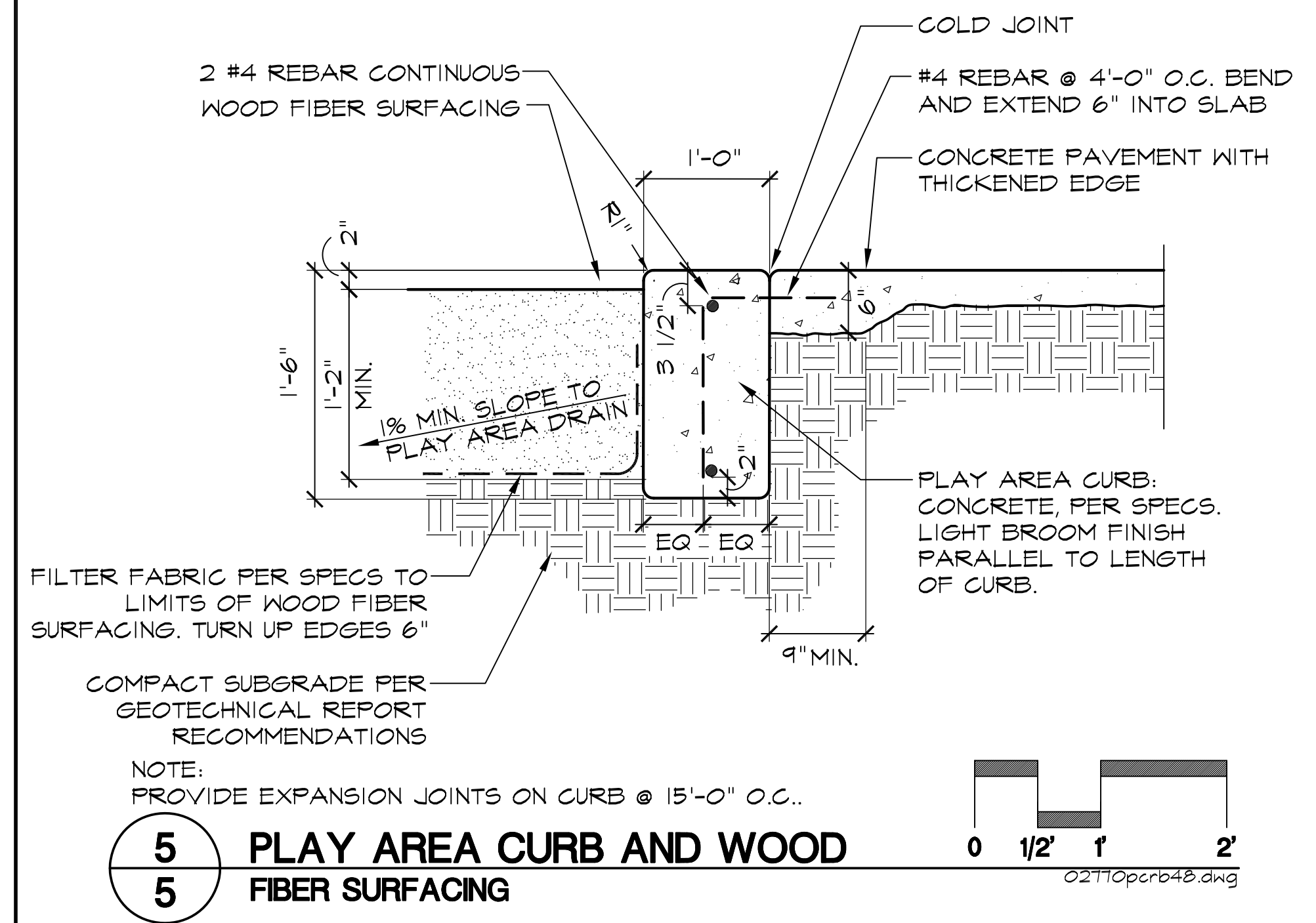
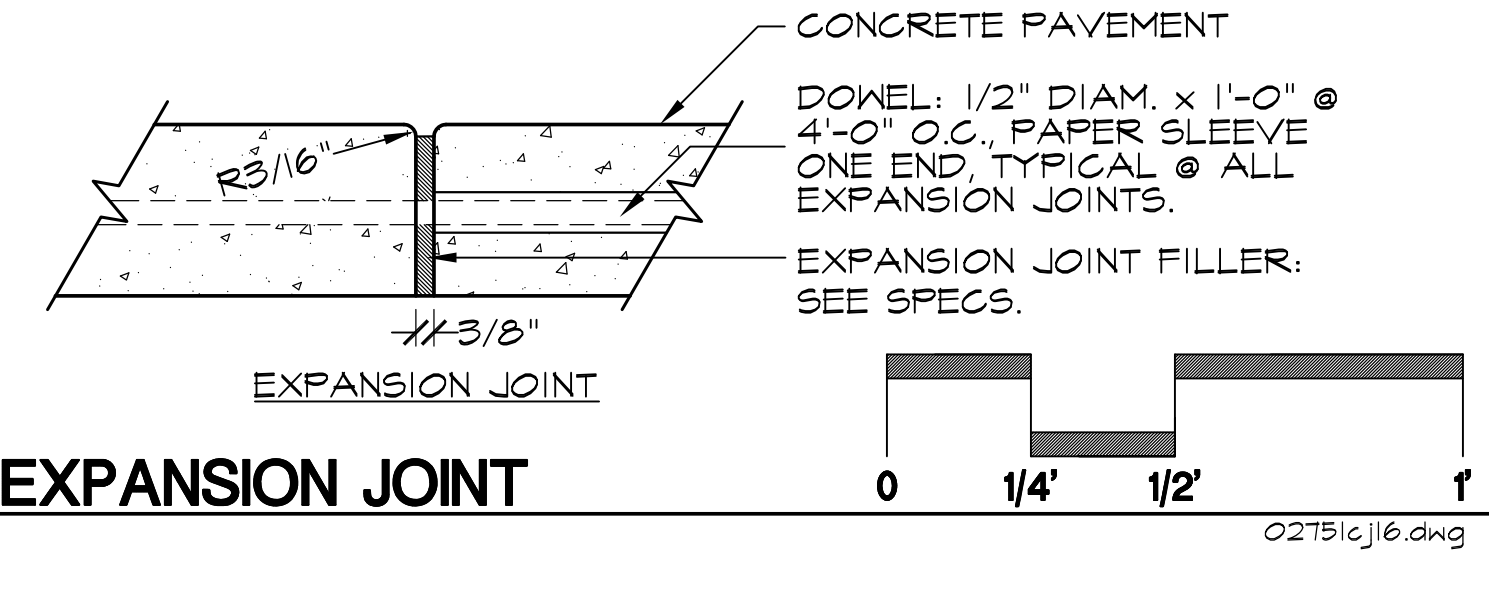
	CONCRETE PAVEMENT		EXPANSION JOINT TYP.		SCORE JOINT TYP.		TRASH RECEPTACLE
	SPECIAL CONCRETE PAVEMENT, PER SPECS.		BENCH		BARBECUE GRILL		WATER METER, PER IRRIGATION LEGEND SHEET 9
	RUBBERIZED SURFACING		BIKE RACK		REDUCED PRESSURE BACKFLOW PREVENTER, PER IRRIGATION LEGEND, SHEET 9		DOMESTIC WATER LINE, PVC SCH. 40, 1-1/2" DIA., 2 FT. BURIAL
	WOOD FIBER SURFACING		DOMESTIC BACKFLOW PREVENTER, WILKENS MODEL 915XL, 3/4" DIA. WITH ENCLOSURE		DISK GOLF GOAL		ALIGN WITH EXISTING PAVEMENT
	BASKETBALL COURT PAVEMENT		PARK RULES SIGN		PICNIC TABLE		ACCESSIBLE PICNIC TABLE
	P.A. PLANTING AREA		'MUTT MITTS', PER SPECS				



1 **5** CONCRETE PAVEMENT



4 **5** DECOMPOSED GRANITE PAVING



Callender Associates
Landscape Architecture
11180 Sun Center Drive, Suite 104
Reno, California, CA 95670
T 916.655.1312
F 916.655.9153
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Revision No.	Description	Date	By	Appr. By

OAKMORE MONTEGO PARK
SITE CONSTRUCTION NOTES

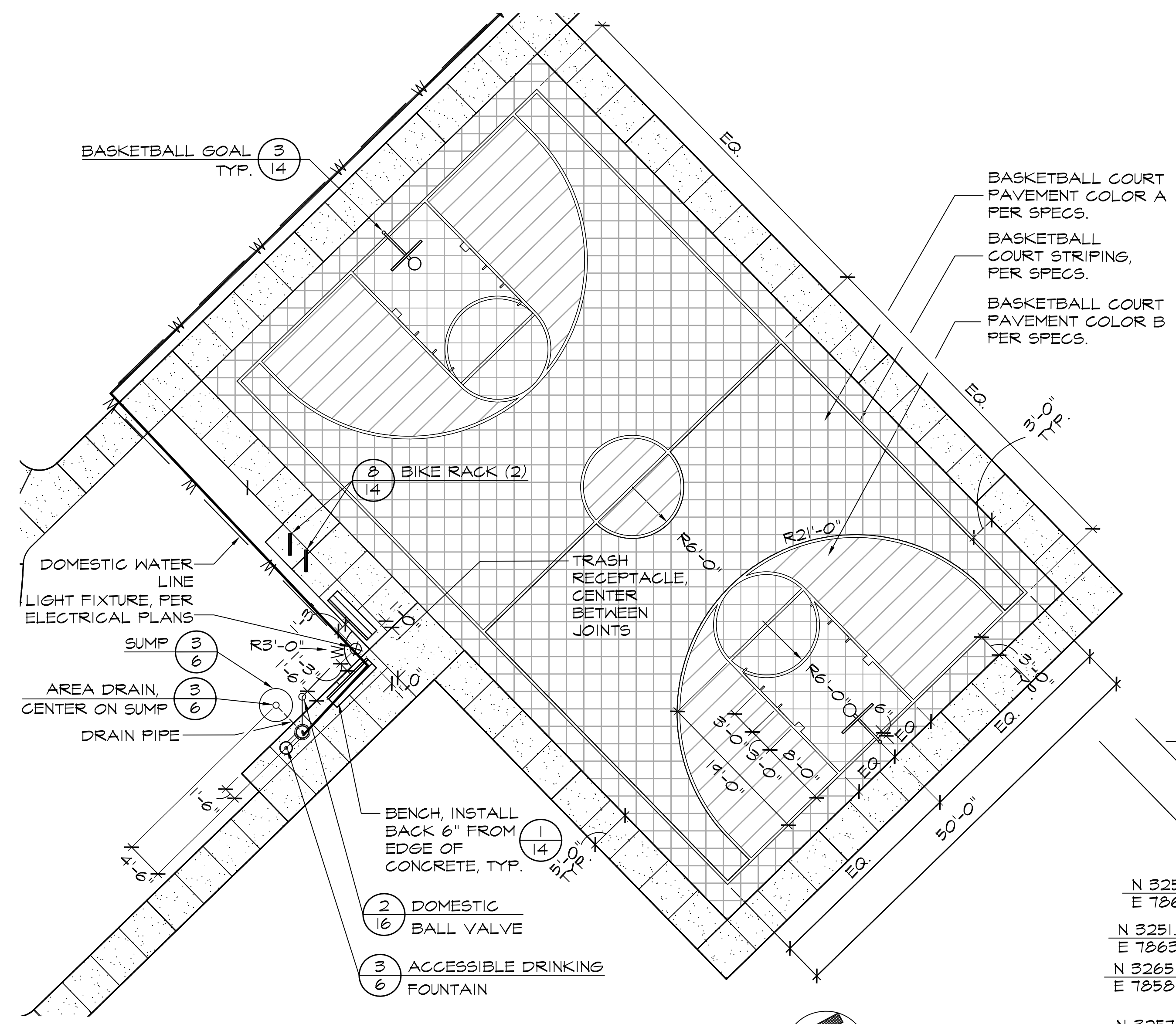
PUBLIC WORKS DEPARTMENT
CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN
DESIGNED BY ES/VM
DRAWN BY JRT
CHECKED BY ES
RECORD DWGS.

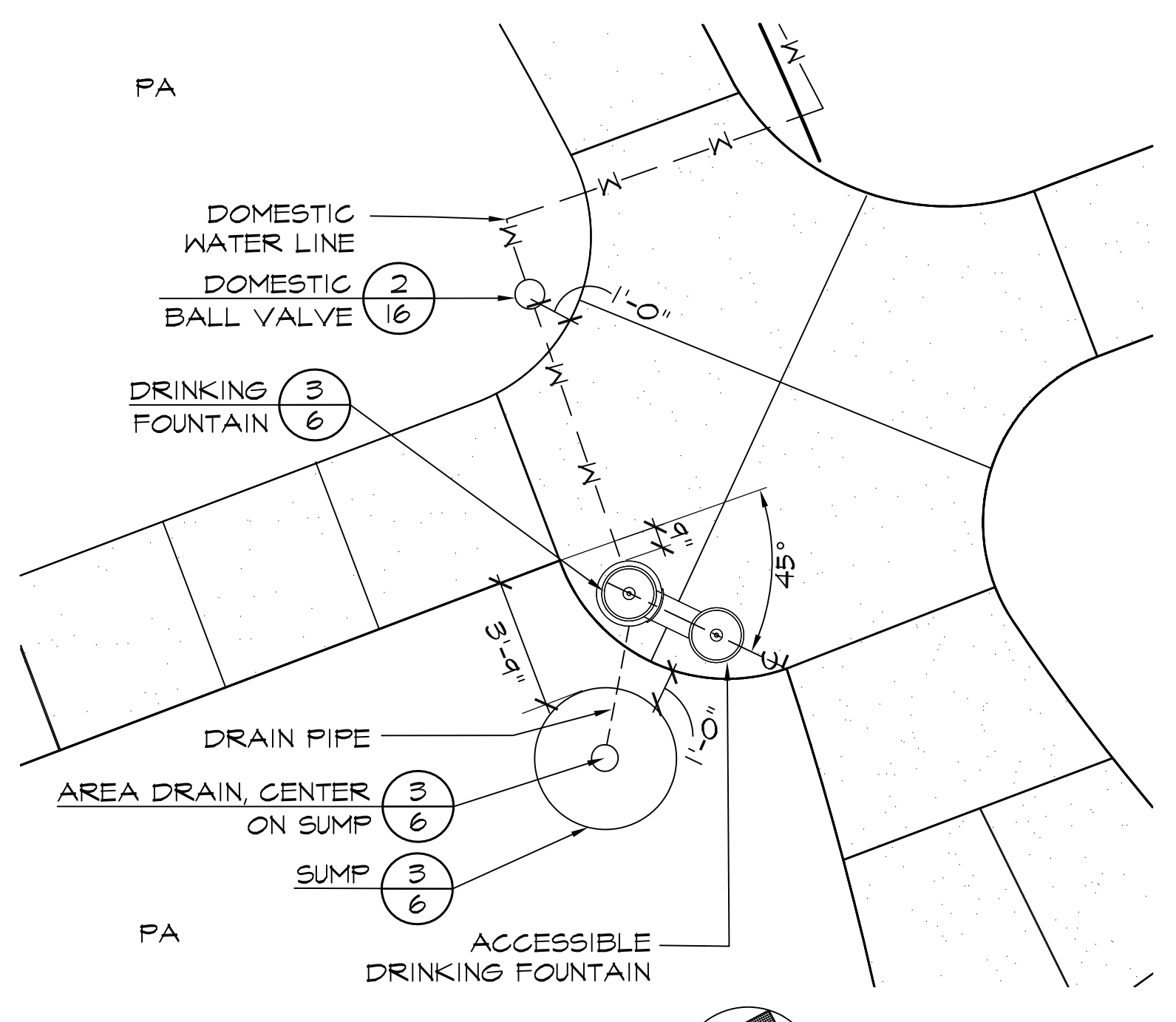
APPROVED BY: 11/28/11
DATE

SHEET NO. 5
OF 21 SHEETS

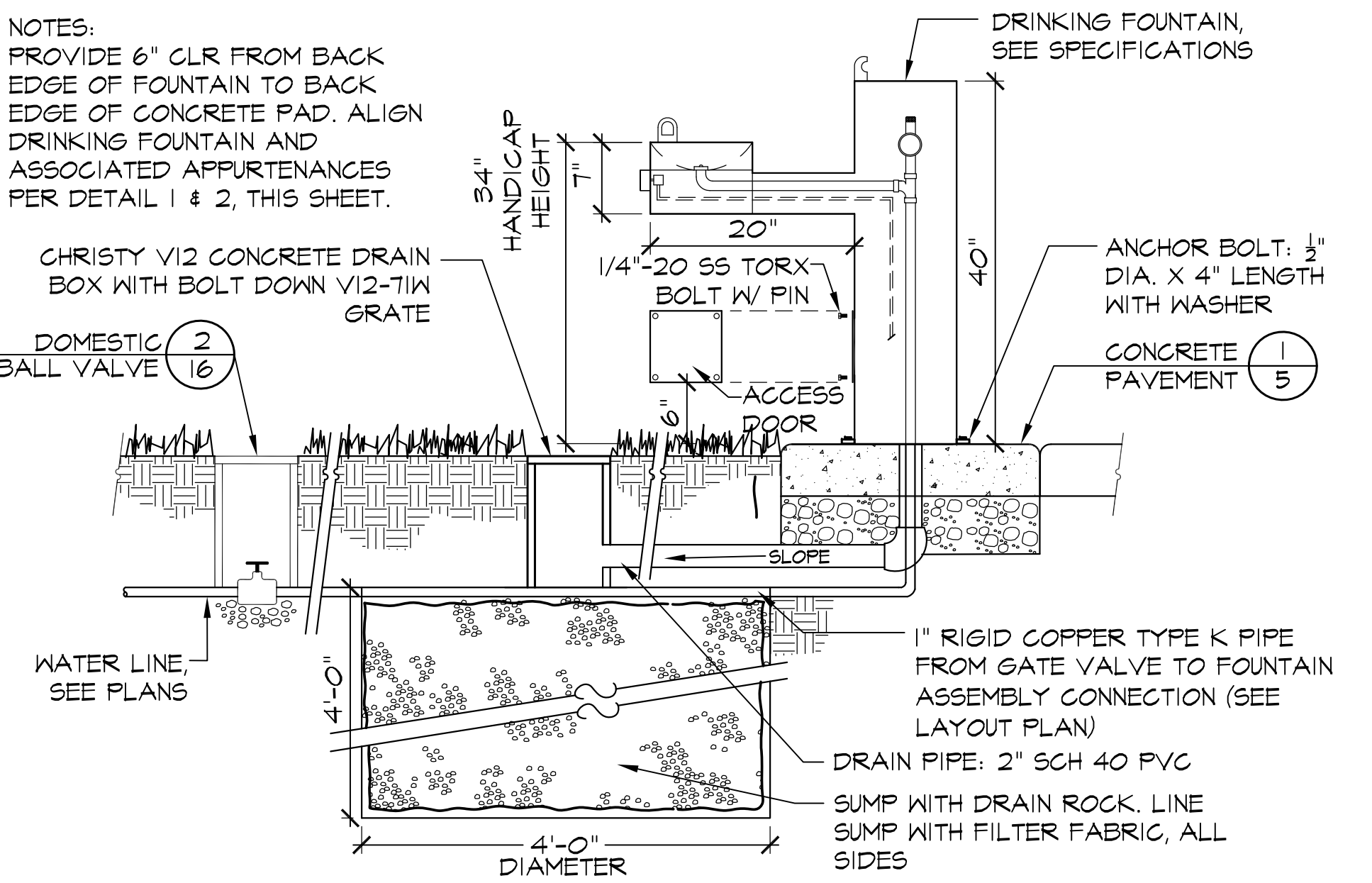
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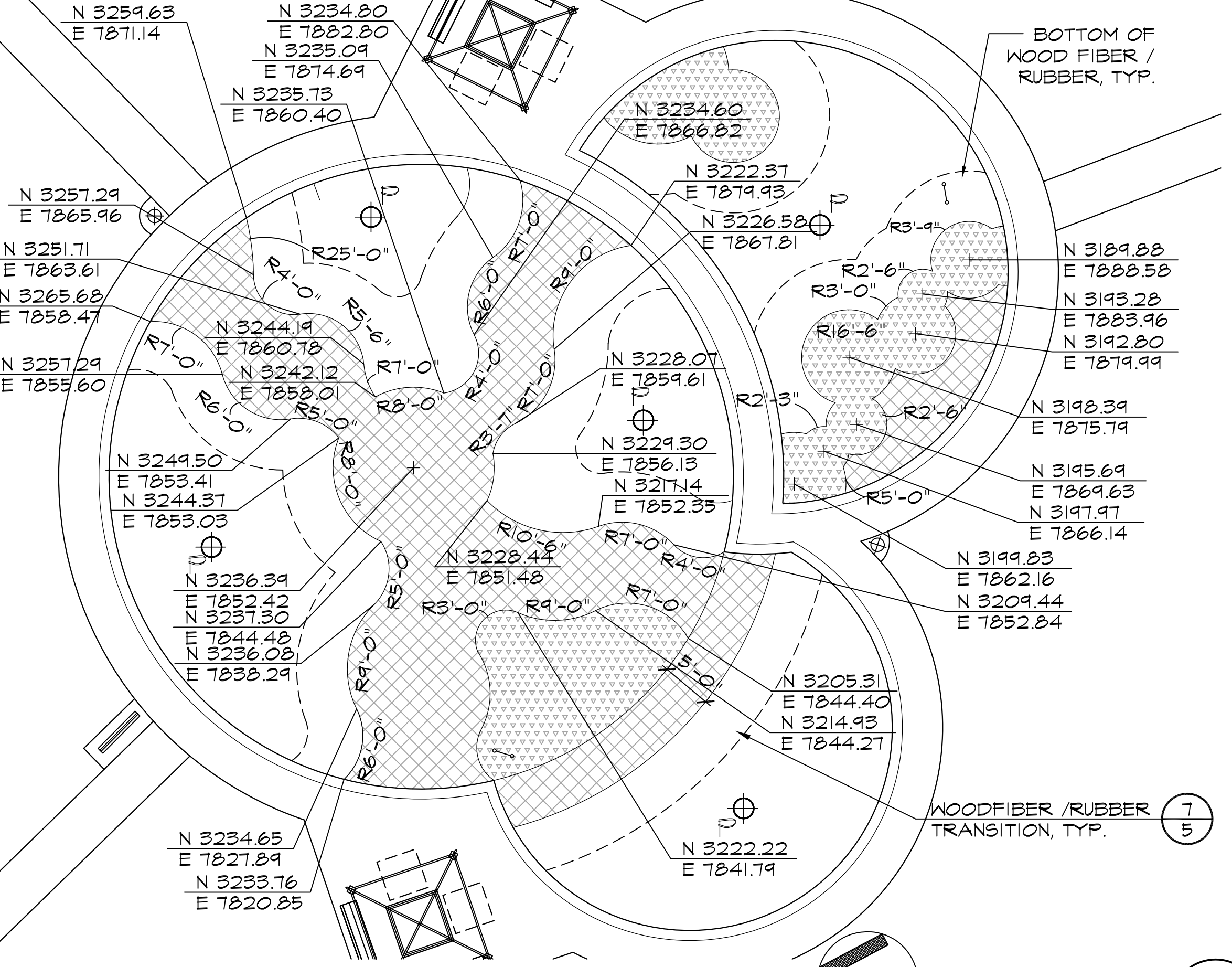
1
6 BASKETBALL COURT AND DRINKING FOUNTAIN 'B' ENLARGEMENT



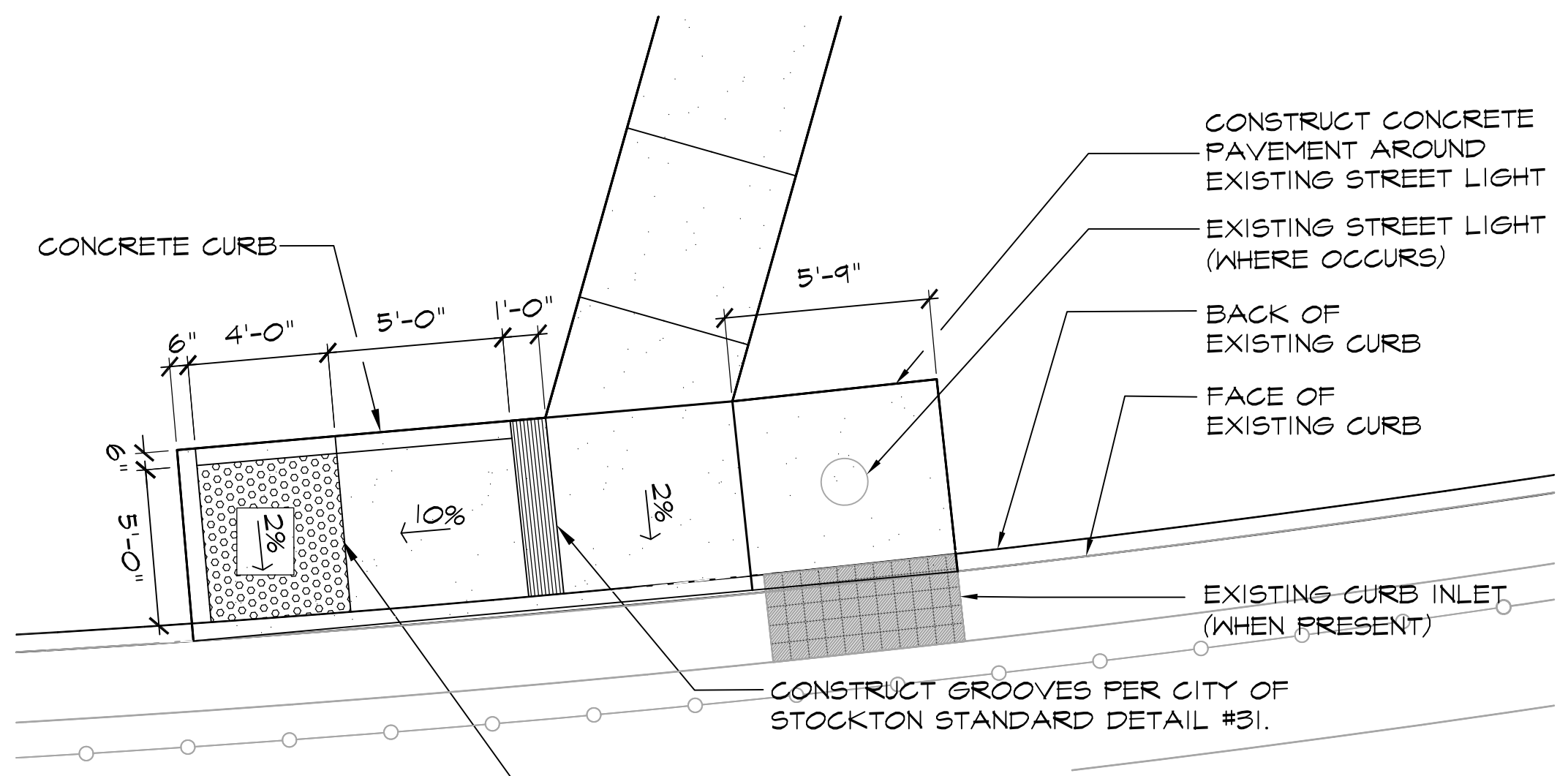
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6 DRINKING FOUNTAIN 'A' ENLARGEMENT



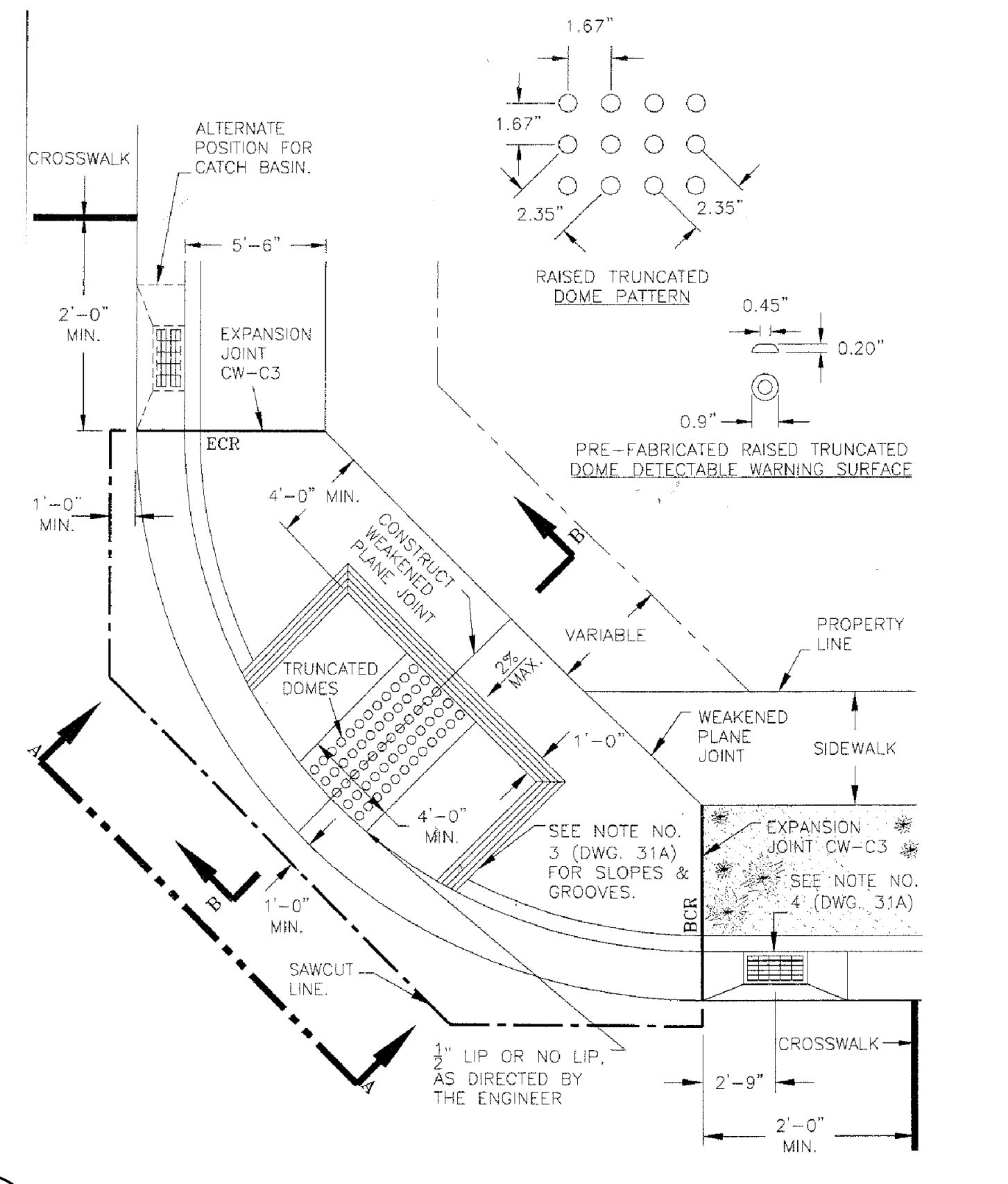
3
6 DRINKING FOUNTAIN W/ SUMP NOT TO SCALE



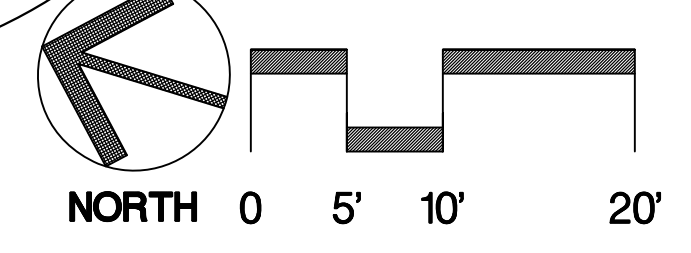
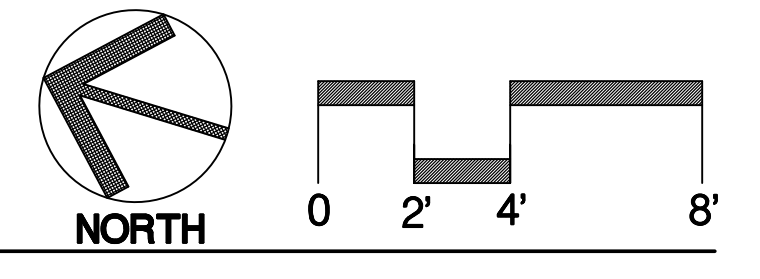
5
6 PLAY AREA SURFACING ENLARGEMENT



4
6 WHEELCHAIR RAMP A ENLARGEMENT



6
6 WHEELCHAIR RAMP B CITY OF STOCKTON DETAIL NO. 31 NTS



Callander Associates
Landscape Architecture
11180 Sun Center Drive, Suite 104
Reno, CA 95970
T 916.551.1312
F 916.655.9155
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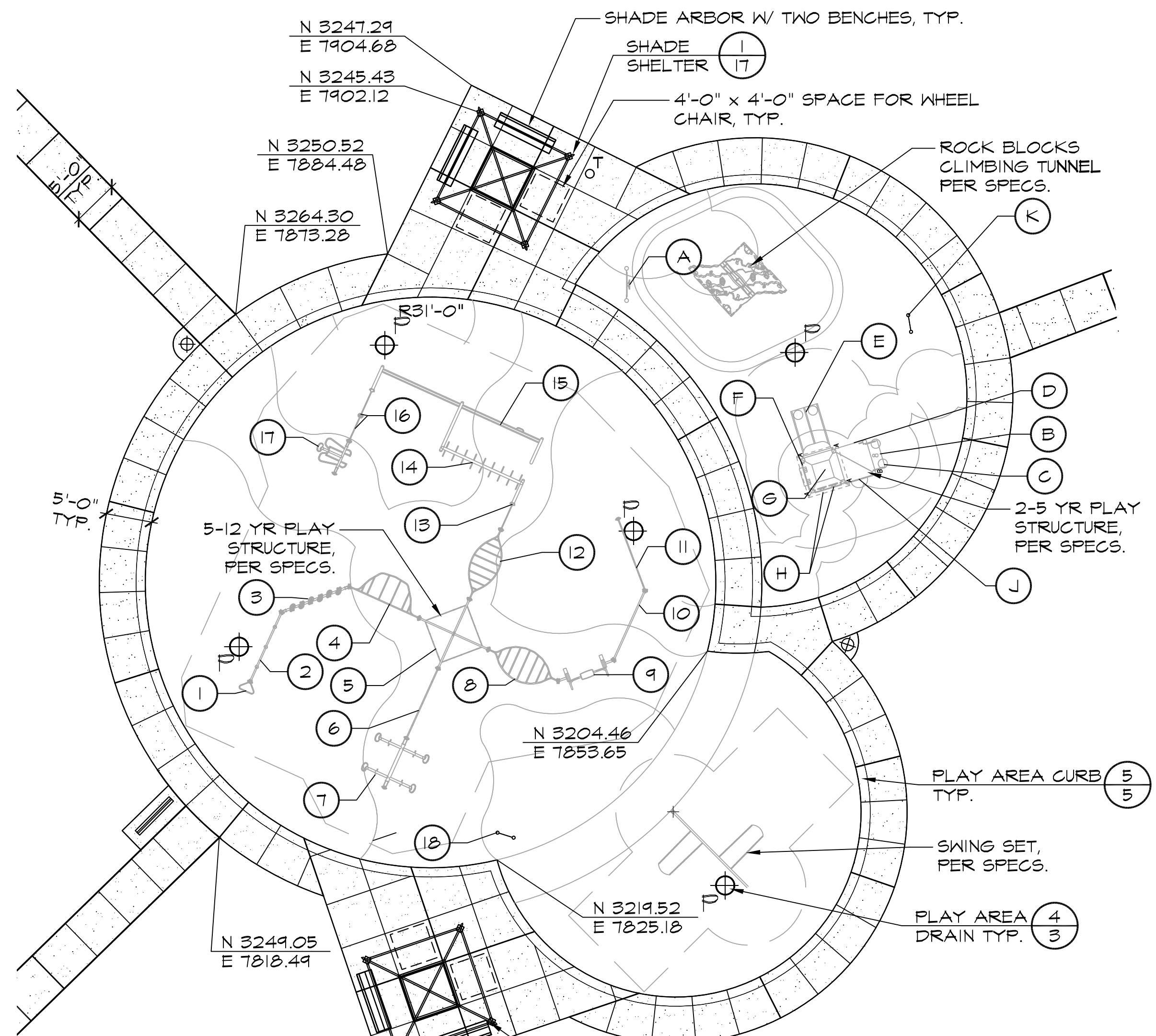


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CA PROJECT NO. 06019
CITY BUILDING PERMIT #

Revision No.	Description	Date	By	Appr. By

OAKMORE MONTEGO PARK
ENLARGEMENT PLANS

PUBLIC WORKS DEPARTMENT CITY OF STOCKTON, CALIFORNIA		APPROVED BY: 11/28/11 DATE	SHEET NO. 6 OF 21 SHEETS
SCALE AS SHOWN	DESIGNED BY ES/JMT	PARK FACILITY PLANNER / LANDSCAPE ARCHITECT STOCKTON, CALIFORNIA	
DRAWN BY JRT	CHECKED BY ES	PROJECT NO.	
RECORD DWGS.			



NOTE: FOR PLAY AREA SURFACING LAYOUT

1 **7** **PLAY AREA ENLARGEMENT**

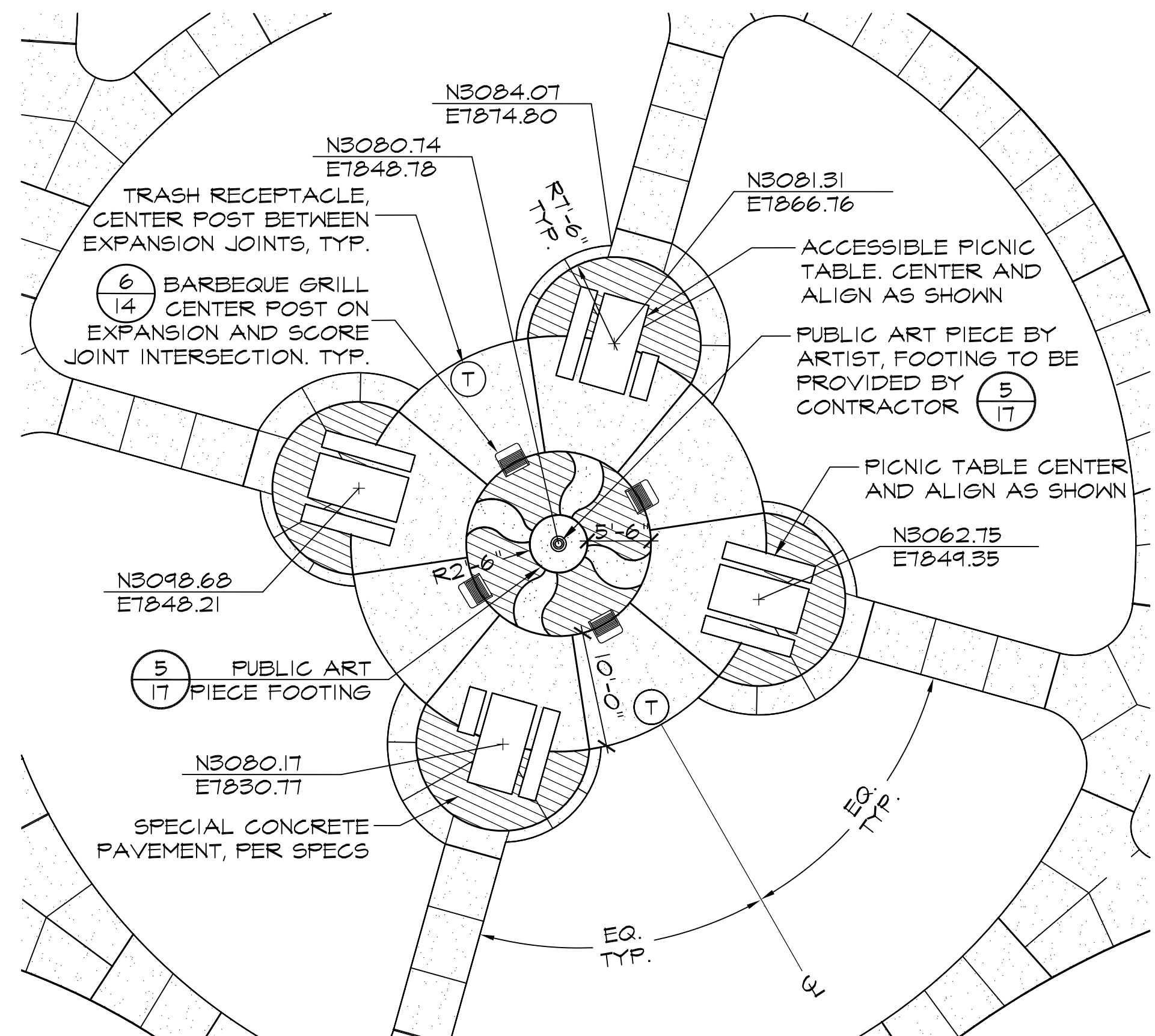
PLAY EQUIPMENT COMPONENTS

2-5 YR MANUFACTURER'S EQUIPMENT LIST

- (A) NAVIGATOR REACH PANEL
- (B) 2 TRANSFER STEP
- (C) 2 HANDLOOP ASSEMBLY
- (D) 2 GRAB BAR
- (E) 2 DOUBLE POLY SLIDES
- (F) SPELLING PANEL
- (G) SQUARE PEAK TILE ROOF W/ STANDARD LOGO
- (H) PILOT PANEL
- (J) BUBBLE PANEL
- (K) 2-5 RISK MANAGEMENT SIGN PANEL

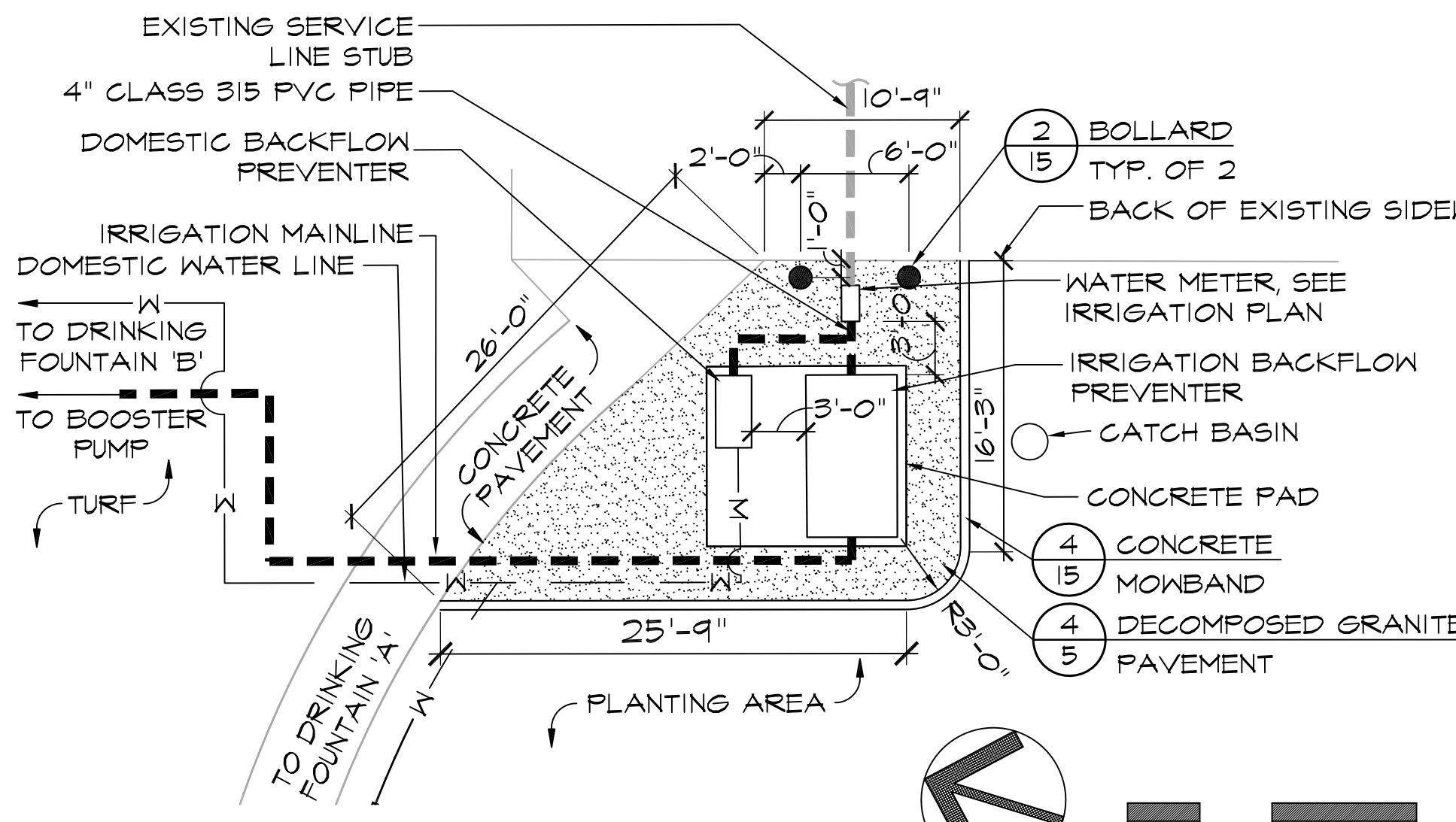
5-12 YR MANUFACTURER'S EQUIPMENT LIST

- (1) LEG-LIFT
- (2) THE V BRIDGE
- (3) CRITTER CROSSING
- (4) THE STRETCH
- (5) THE CAGE
- (6) THE X FACTOR
- (7) FLIP-FLOP
- (8) THE WARP
- (9) U-BOUNCE
- (10) THE TIGHT ROPE
- (11) THE GRID
- (12) THE HELIX
- (13) CHIN BAR
- (14) HORIZ. LOOP LADDER
- (15) 20' MONORAIL
- (16) CHIN BAR
- (17) LIFT-ME-UP
- (18) 5-12 RISK MANAGEMENT SIGN PANEL

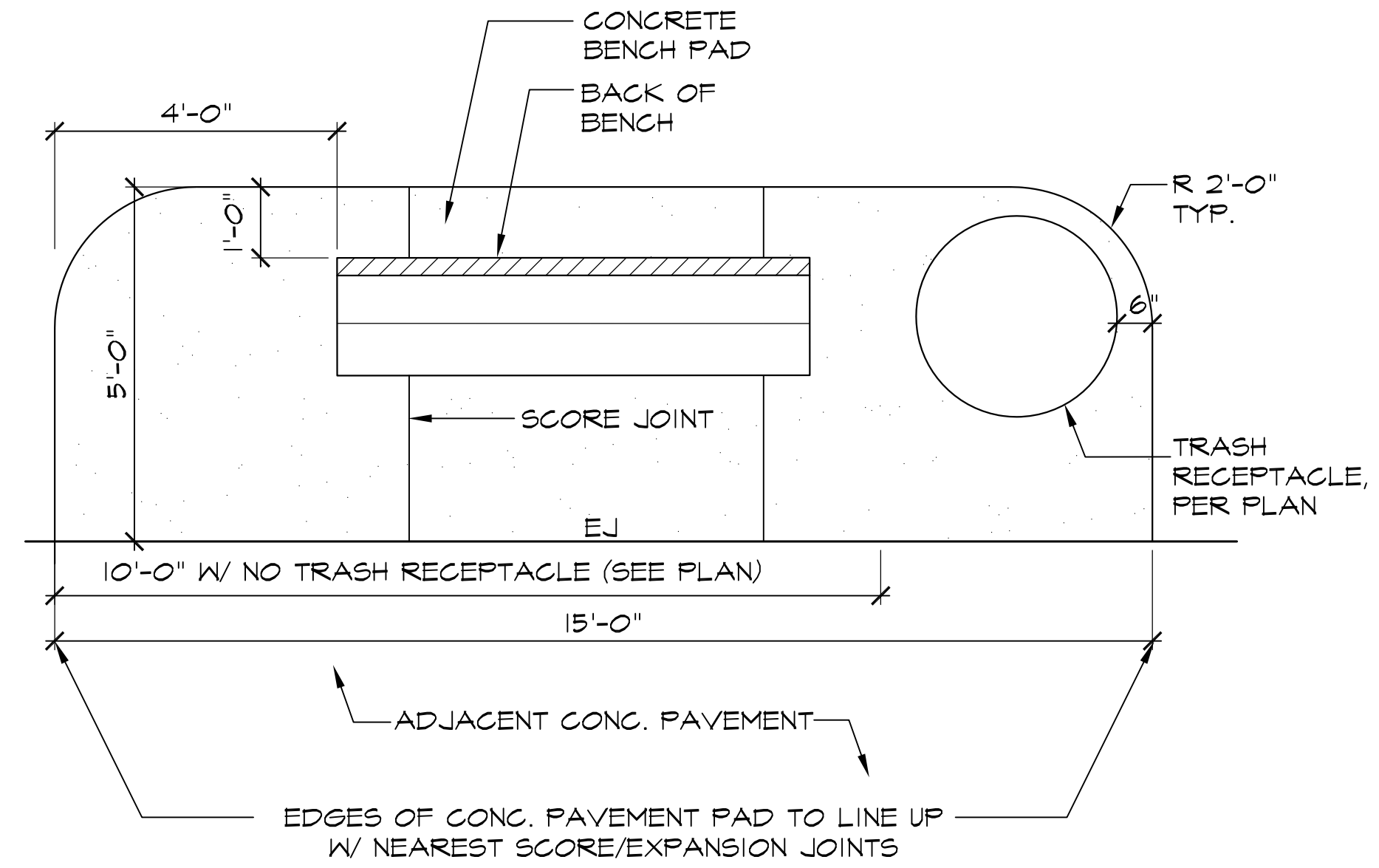


NOTE: CONTRACTOR TO REVIEW LAYOUT W/ CITY REPRESENTATIVE PRIOR TO INSTALLATION.

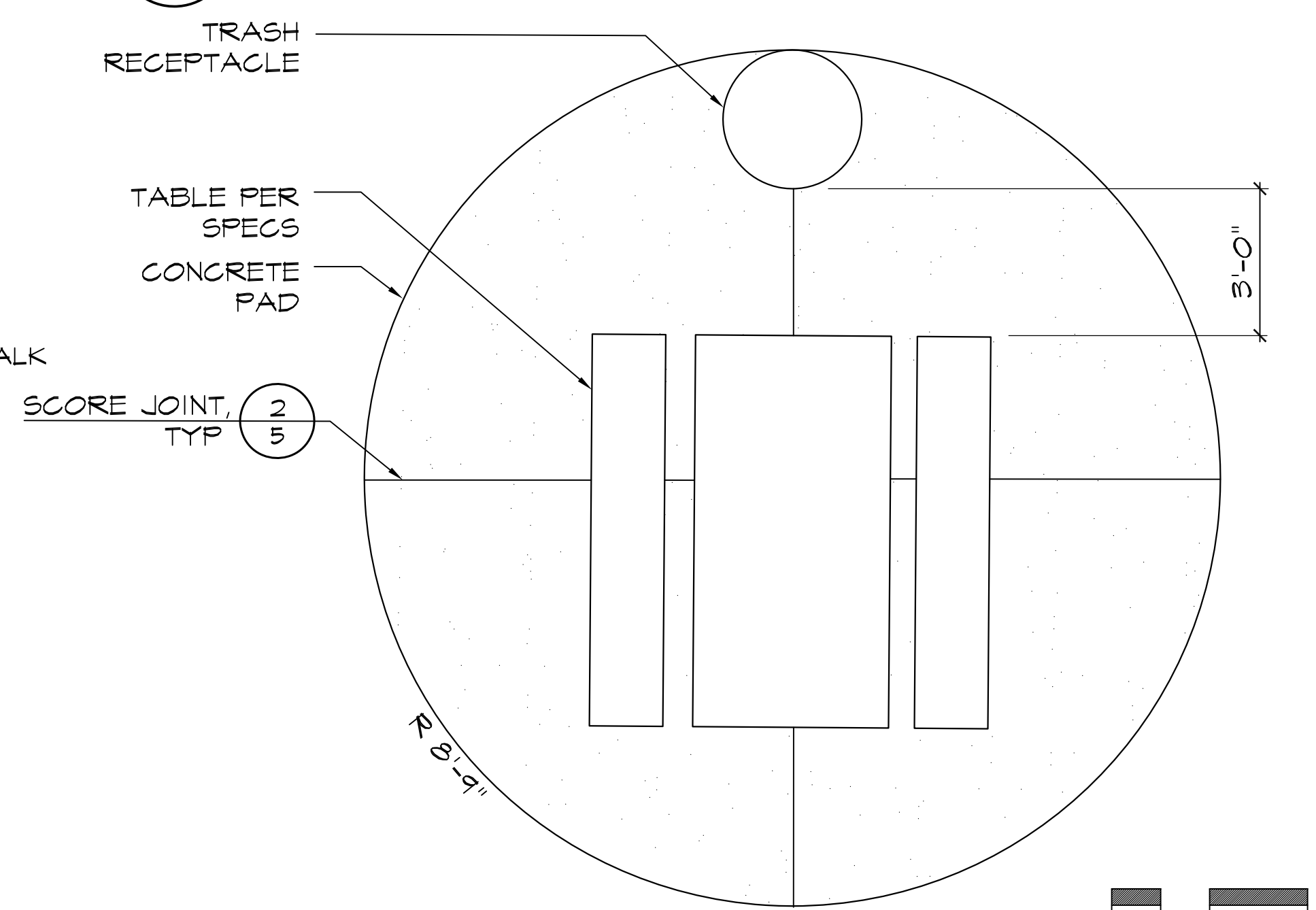
2 **7** **PICNIC AREA ENLARGEMENT**



4 **7** **WATER CONNECTION ENLARGEMENT**



3 **7** **BENCH AND TRASH RECEPTACLE ON CONCRETE PAD**



5 **7** **PICNIC TABLE PAD**

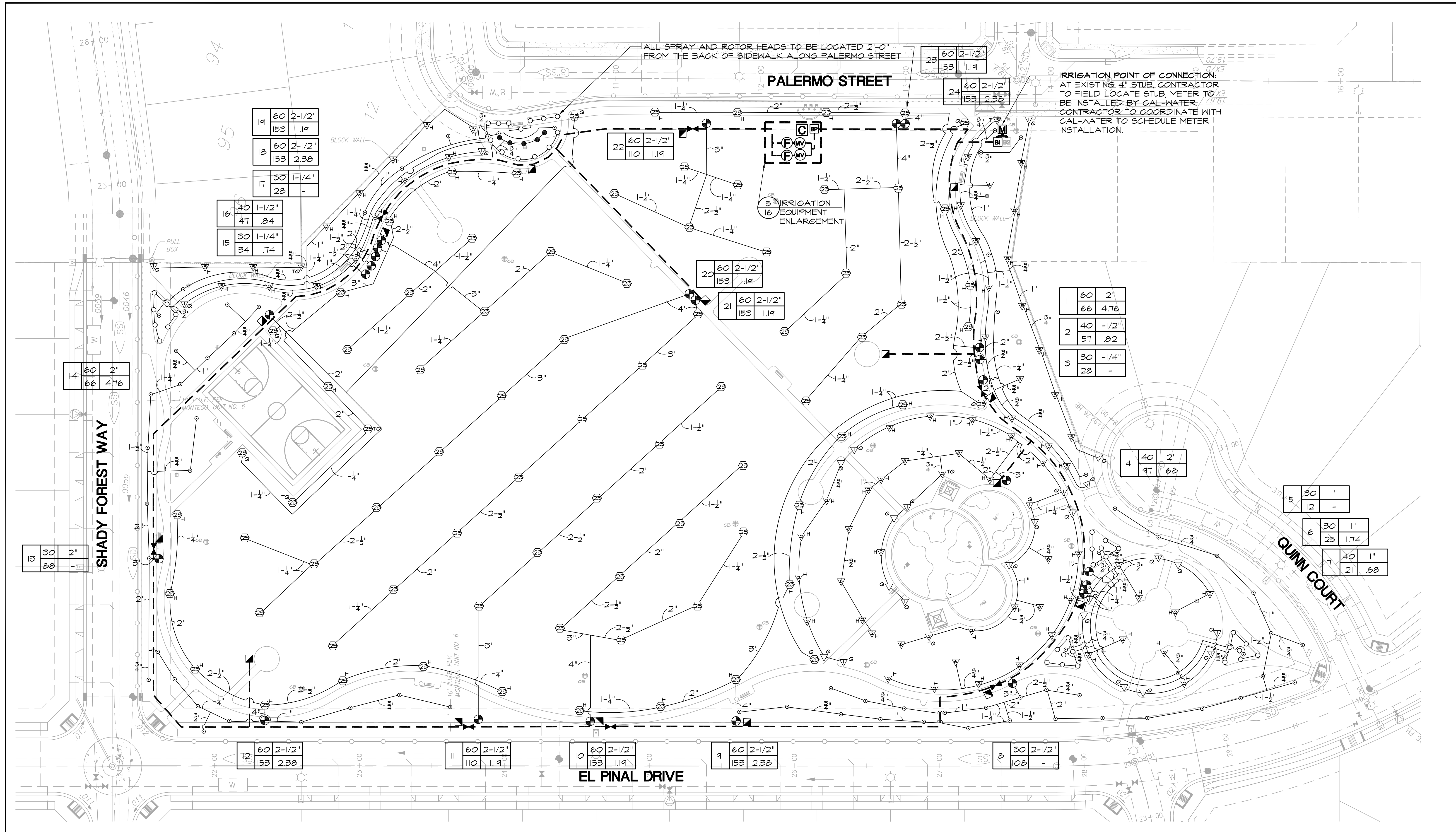


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CA PROJECT NO. 06019
CITY BUILDING PERMIT #

Revision No.	Description	Date	By	Appr. By

OAKMORE MONTEGO PARK ENLARGEMENT PLANS

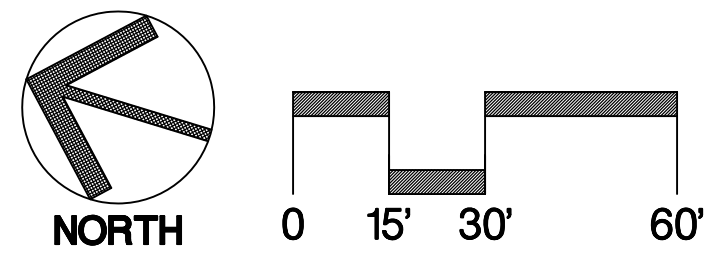
PUBLIC WORKS DEPARTMENT CITY OF STOCKTON, CALIFORNIA			
SCALE AS SHOWN	APPROVED BY: 11/28/11	SHEET NO. 7	OF 21 SHEETS
DESIGNED BY ES/VM	DATE	PROJECT NO.	
DRAWN BY JRT	PARK FACILITY PLANNER / LANDSCAPE ARCHITECT		
CHECKED BY ES	STOCKTON, CALIFORNIA		
RECORD DWGS.	PROJECT NO.		



SEE SHEET 9 FOR IRRIGATION NOTES AND LEGEND

I HAVE COMPLIED WITH THE CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.

ERIK R. SMITH
SIGNATURE



Callander Associates
Landscape Architecture
11180 Sun Center Drive, Suite 104
Rancho Cordova, CA 95670
T 916.651.1312
F 916.655.9155
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BID SUBMITTAL 11 / 17 / 11
CA PROJECT NO. 06019
CITY BUILDING PERMIT #

Revision No.	Description	Date	By	Appr. By

OAKMORE MONTEGO PARK

IRRIGATION PLAN

PUBLIC WORKS DEPARTMENT
CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN
DESIGNED BY ES/VM
DRAWN BY JRT
CHECKED BY ES
RECORD DWGS.

APPROVED BY: 11/28/11
DATE

PARK FACILITY PLANNER / LANDSCAPE ARCHITECT
STOCKTON, CALIFORNIA

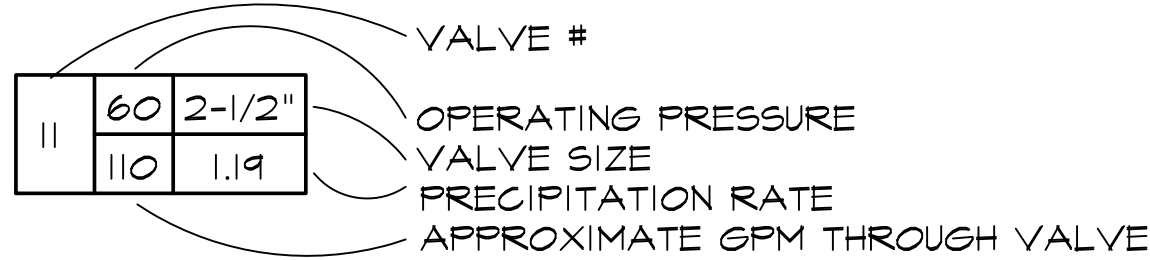
SHEET NO. 8 OF 21 SHEETS
PROJECT NO. 4911.7

IRRIGATION NOTES

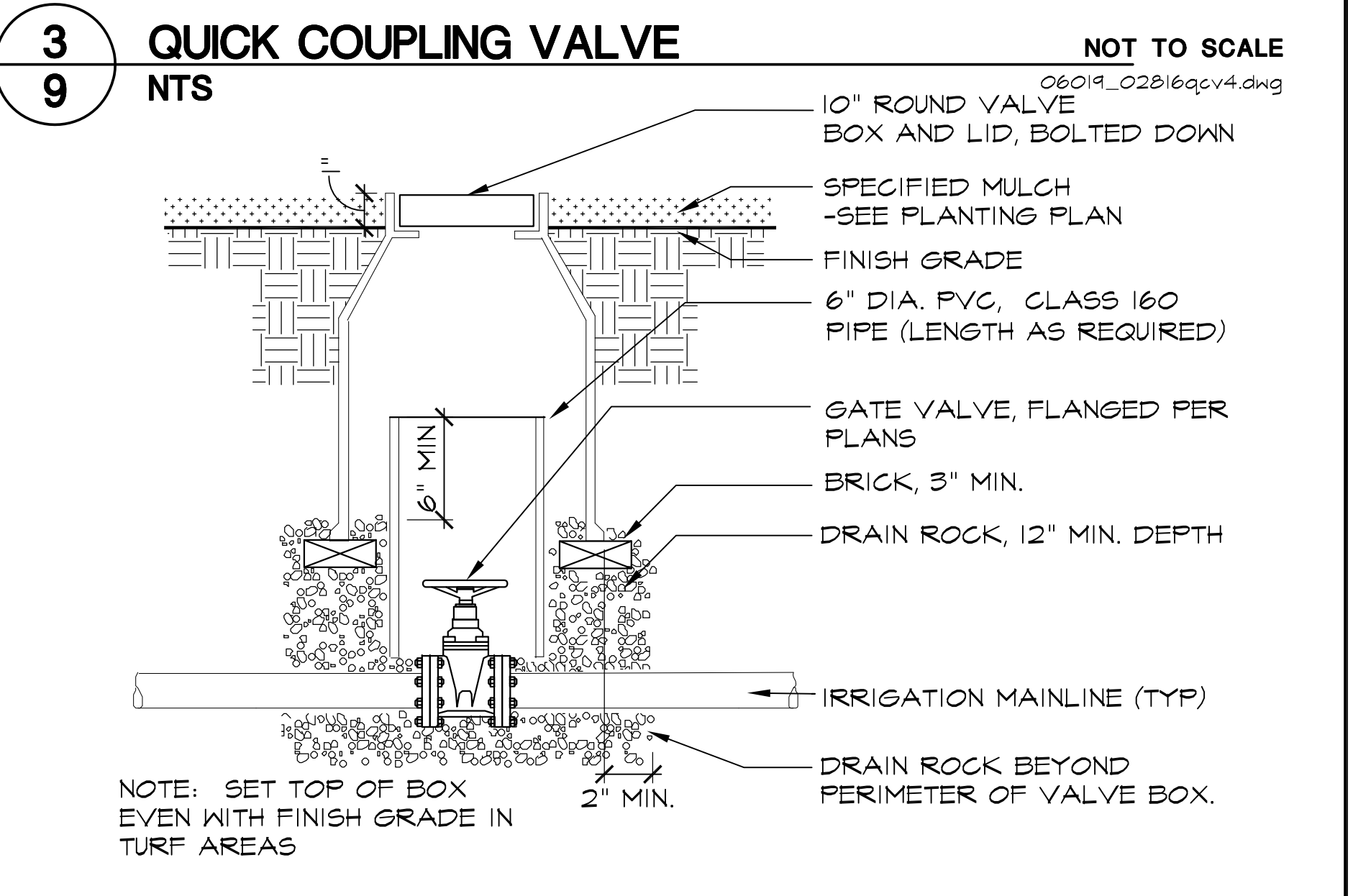
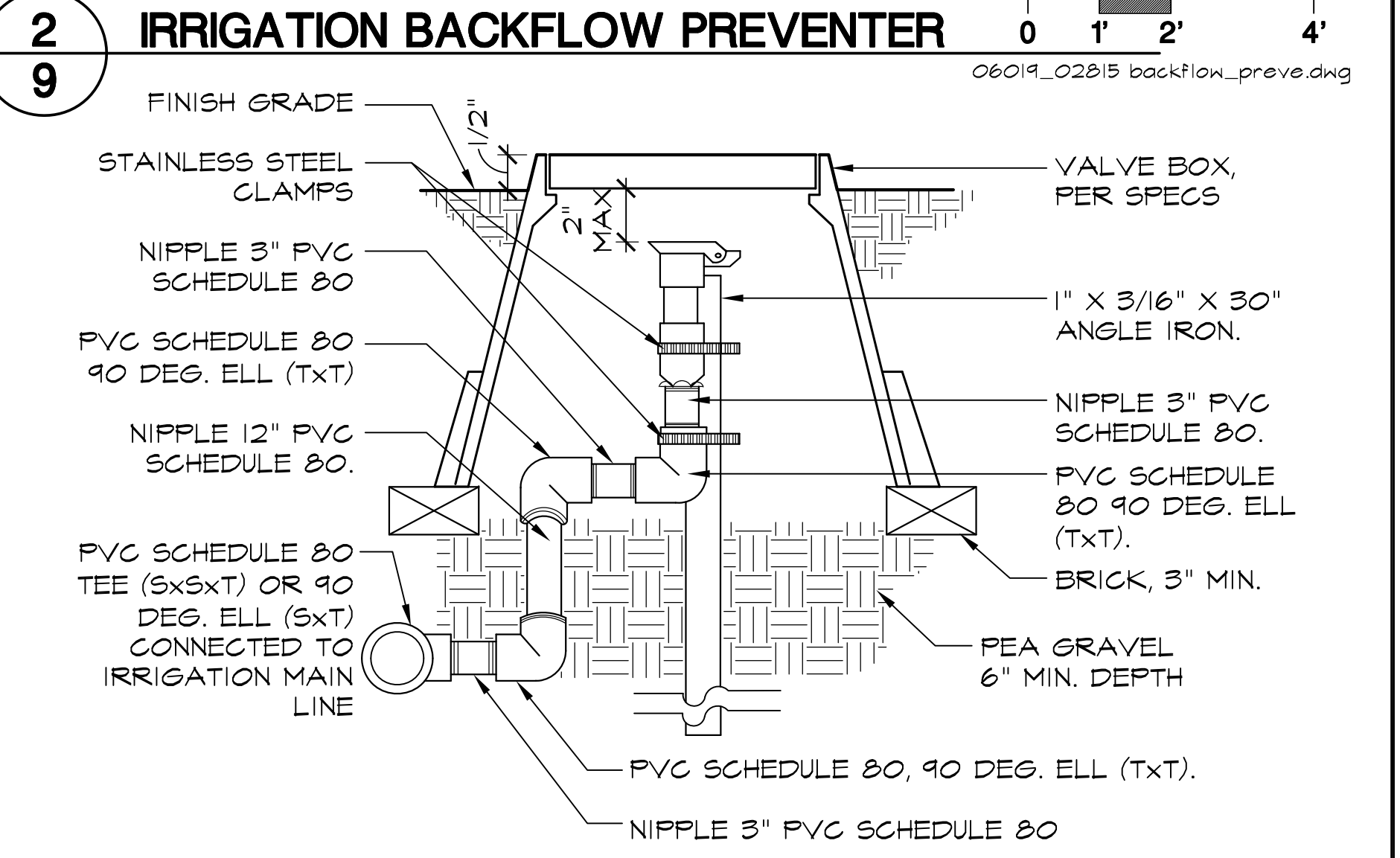
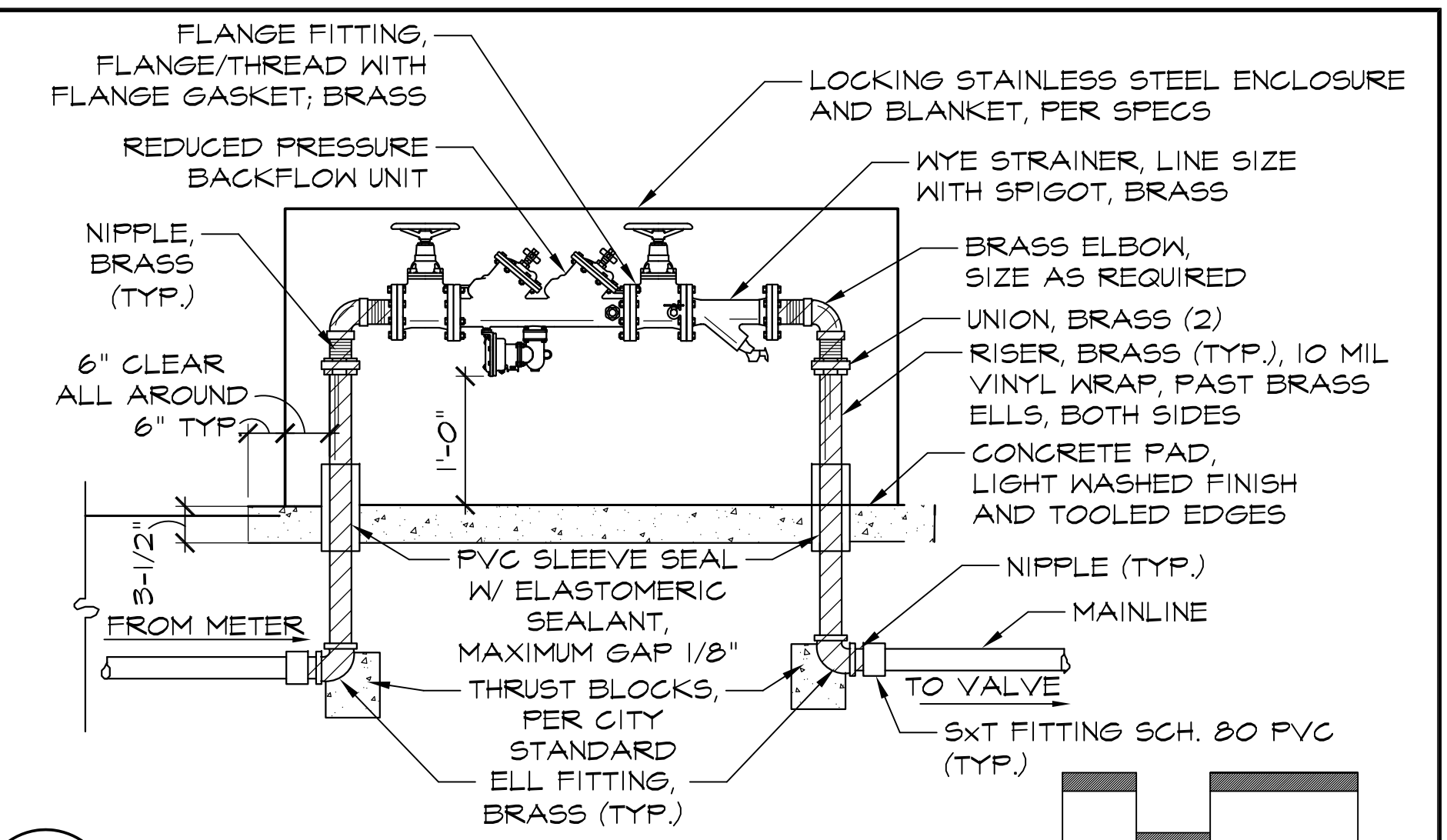
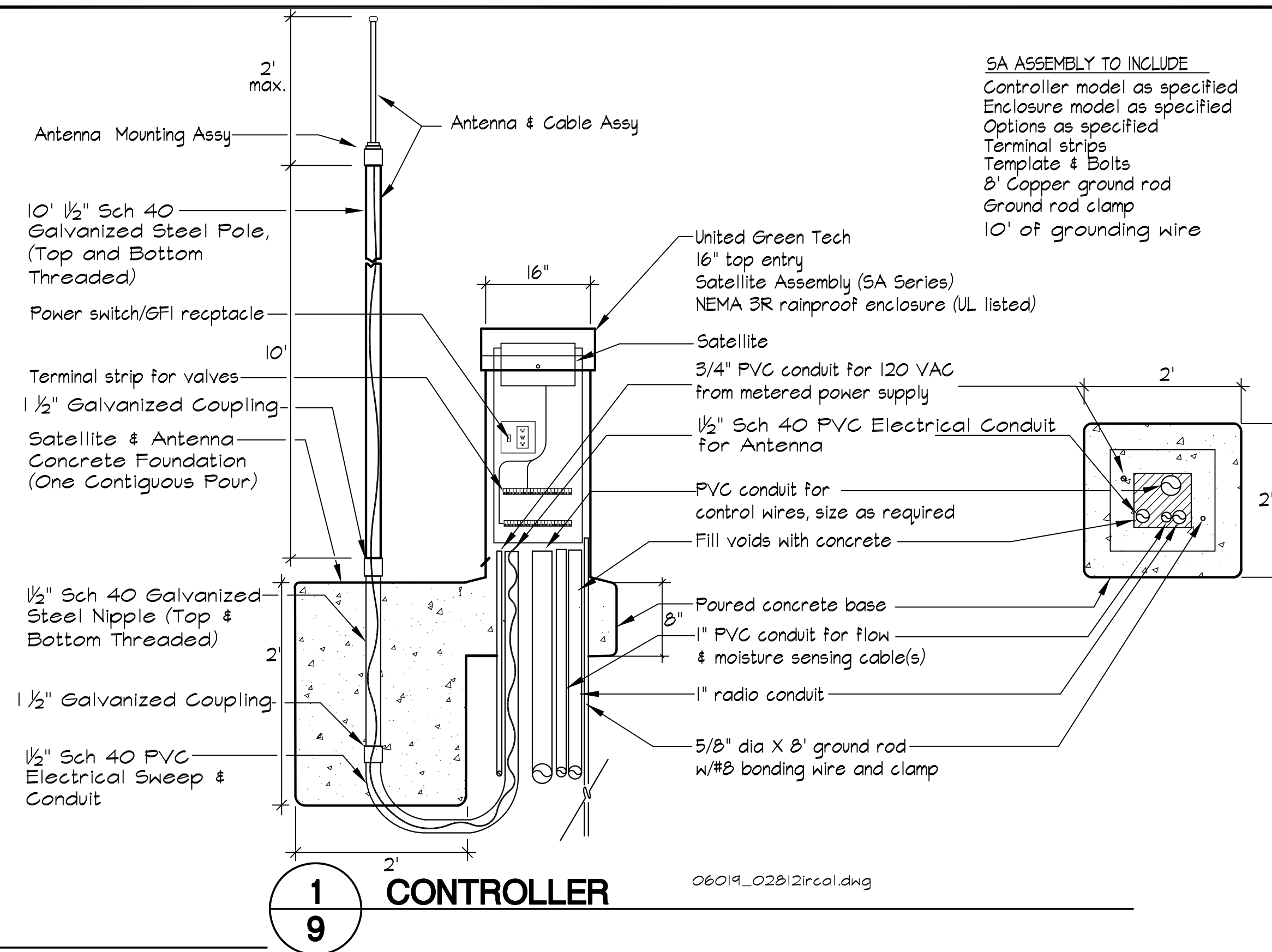
- SPECIFICATIONS:** SEE IRRIGATION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- VERIFICATION:** SYSTEM DESIGN IS BASED ON 50 P.S.I. AND 153 G.P.M. AVAILABLE AT DISCHARGE OUTLET OF METER OR OTHER POINT OF CONNECTION. CONTRACTOR SHALL VERIFY SAME AND NOTIFY LANDSCAPE ARCHITECT IF SUCH DATA ADVERSELY AFFECTS THE OPERATION OF THE SYSTEM. SUCH NOTICE SHALL BE MADE IN WRITING AND PRIOR TO COMMENCING ANY IRRIGATION WORK.
- UTILITIES:** CONTRACTOR SHALL VERIFY LOCATION OF ALL ON-SITE UTILITIES. RESTORATION OF DAMAGED UTILITIES SHALL BE MADE AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- SCHEMATIC:** SYSTEM FEATURES ARE SHOWN SCHEMATICALLY FOR GRAPHIC CLARITY. INSTALL ALL PIPING AND VALVES IN COMMON TRENCHES WHERE FEASIBLE AND INSIDE PLANTING AREAS WHENEVER POSSIBLE. ALL VALVES SHALL BE LOCATED IN GROUND COVER OR SHRUB AREAS WHENEVER POSSIBLE.
- CODES:** IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND MANUFACTURER'S SPECIFICATIONS. NOTIFY LANDSCAPE ARCHITECT BY TELEPHONE AND IN WRITING OF ANY CONFLICTS PRIOR TO INSTALLATION.
- QUICK COUPLING VALVES:** INSTALL ON TRIPLE SWING JOINT. LOCATE 12" AWAY FROM EDGE OF CONCRETE PAVEMENT WITHIN PLANTING AREAS. PROVIDE CITY WITH ONE OPERATING KEY, TWO SETS OF LOCKING COVER KEYS, AND ONE SWIVEL HOSE ELL.
- HEAD ALLOWANCE:** CONTRACTOR SHALL ALLOW IN BID PRICE AN AMOUNT SUFFICIENT TO PROVIDE AND INSTALL AN ADDITIONAL 3 SPRINKLER HEADS OF EACH TYPE SPECIFIED ON PLAN TO ACCOMMODATE FIELD CHANGES. THESE HEADS SHALL BE LOCATED AS DIRECTED BY THE LANDSCAPE ARCHITECT. CONTRACTOR SHALL DELIVER TO THE CITY ANY UNUSED ADDITIONAL HEADS AT THE END OF THE MAINTENANCE PERIOD.
- POP-UP HEIGHTS:** ALL POP-UP SPRAY HEADS/ROTORS IN TURF AREAS SHALL HAVE A POP-UP HEIGHT OF 6", AND SPRAY HEADS IN SHRUB AND GROUND COVER AREAS SHALL HAVE A POP-UP HEIGHT OF 12".

IRRIGATION LEGEND

- ROTOR HEAD, HUNTER I-25-36S-23, 60 PSI. 4/16
 - ROTOR HEAD, HUNTER I-25-ADS-23, 60 PSI. ANGLE AS SHOWN ON PLAN. (H=180°, T=135°, Q=90°) 4/16
 - ROTOR HEAD, HUNTER I-20-36S-6.0, 40 PSI. 4/16
 - ROTOR HEAD, HUNTER I-20-ADS, 40 PSI. NOZZLE AND ANGLE AS SHOWN ON PLAN. (TQ=270°, H=180°, T=135°, Q=90°) 4/16
 - SPRAY HEAD, RAINBIRD 1800-SAM-PRS-10, 30 PSI. ARC AS REQUIRED. 3/16
 - SPRAY HEAD, RAINBIRD 1800-SAM-PRS-12, 30 PSI. ARC AS REQUIRED. 3/16
 - TREE BUBBLER, RAINBIRD 140B, EACH SYMBOL REPRESENTS 2 BUBBLERS PER TREE (OPPOSING SIDES OF PIT) 6/15
 - METER, 4", TO BE INSTALLED BY CAL-WATER
 - REDUCED PRESSURE BACKFLOW PREVENTER, WILKENS 975, 3" DIA., ENCLOSURE PER SPECS. 2/9
 - IRRIGATION BOOSTER PUMP, DESIGNED TO DELIVER 250 GPM AT 50 PSI BOOST, 3-PHASE, 10 HP.
- CUSTOMFLOW MODEL 200*110-10*3*230/10VFD. PUMP SHALL BE PRE-ASSEMBLED BY CUSTOM PUMP & POWER INC. CONTACT CUSTOM PUMP & POWER INC REPRESENTATIVE MIKE PARILO AT 888-774-7867. OR
- CPI/ JOHN DEERE GREENTECH MODEL # GT250.7-10-1/230VFD, PRE-ASSEMBLED BY CPI CONTACT TERRY O'DELL AT 916-771-2339
- CONTROLLER, RAINMASTER SA6-RM4-42/RHG/DFSAY-125B+400P/PMR-CAC. FLOW SENSORS SHALL BE CONNECTED TO MASTER SATELLITE CONTROLLER VIA RAIN MASTER EV-CAB-SEN SENSOR CABLE IN 1" ELECTRICAL CONDUIT AS RECOMMENDED BY JDL GREEN TECH. CONTACT TONY YARISH AT JDL GREEN TECH 925-451-1610. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONNECTIONS AND EQUIPMENT REQUIRED FOR THE OPERATION OF THE CONTROLLER VIA RADIO SIGNAL TO THE CENTRAL COMPUTER. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW OF REQUIRED EQUIPMENT WITH JDL GREEN TECH PRIOR TO BIDDING AND COMMENCING WORK. MASTER VALVE, PER CONTROLLER SPECIFICATION. 1/9
 - REMOTE CONTROL VALVE, GRISWOLD 2230 SERIES, SIZE PER PLAN. 5/15
 - DOMESTIC REDUCED PRESSURE BACKFLOW PREVENTER, SEE SITE CONSTRUCTION PLAN.
 - LATERAL LINE, CLASS 200 PVC, SIZE PER PLAN, 18" MIN. BURIAL
 - MAINLINE, 4" CLASS 315 PVC, WITH GASKETED FITTINGS, 24" MIN. BURIAL
 - QUICK COUPLING VALVE, RAINBIRD 44 LRC 3/9
 - GATE VALVE, NIBCO T-136, SIZE PER LINE 4/9



SEE SHEET 8 FOR IRRIGATION PLAN



IRRIGATION SCHEDULE

Valve Number/GPM	System	Spring	Summer	Autumn	Winter
10, 11, 19, 20 22, 23, 24 (153 GPM)	Tr High	4 2 5 40	9 3 5 135	7 2 5 70	6 2 2 12
9, 12, 18 (153 GPM)	Tr High	2 2 5 20	5 3 5 75	4 3 5 40	3 1 2 6
1, 14 (66 GPM)	Tr High	2 2 5 20	3 3 5 45	2 2 5 20	2 1 2 4
4 (97 GPM) 7 (21 GPM)	Tr High	9 2 5 42	17 3 5 130	13 2 5 65	5 1 2 8
2 (57 GPM) 16 (47 GPM)	Sr Medium	14 1 3 42	13 2 5 130	13 1 5 65	8 1 1 8
6 (25 GPM) 15 (34 GPM)	Ss Medium	6 1 3 18	6 2 5 60	6 1 5 30	4 1 1 4
3 (40 GPM) 5 (12 GPM) 8 (120 GPM) 13 (96 GPM) 17 (44 GPM)	Bu Low	6 1 3 18	11 1 5 55	7 1 1 28	3 1 1 3
Approx. Hours of Operation Per Day with Controller sequencing		1.9	6.1	3.1	0.5
Hours of Operation Per Day without Controller sequencing		2.6	8.1	4.1	0.6

System type:

- Tr -- Turf Rotor
- Sr -- Shrub Rotor
- Ss -- Shrub Spray
- Bu -- Bubbler

System run times by season are given using the following method:

- 10 -- Run time in minutes
- 2 -- Cycles per day
- 5 -- Days per week
- 100 -- Soak time per week in minutes

This Irrigation Schedule is based on an 8 hour watering window with 5 days of operation per week.

During the landscape establishment period, increase the operation run time by 20% and days of operation by one day per week.

Due to variable and unforeseen site conditions, the irrigation system run times may need to be adjusted to ensure that proper moisture is maintained in the landscape.

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OAKMORE MONTEGO PARK

IRRIGATION NOTES & LEGEND

PUBLIC WORKS DEPARTMENT
CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN
DESIGNED BY ES/VM
DRAWN BY JRT
CHECKED BY ES
RECORD DWGS.

APPROVED BY: 11/28/11
DATE

SHEET NO. 9
OF 21 SHEETS

PROJECT NO.

PLANTING NOTES

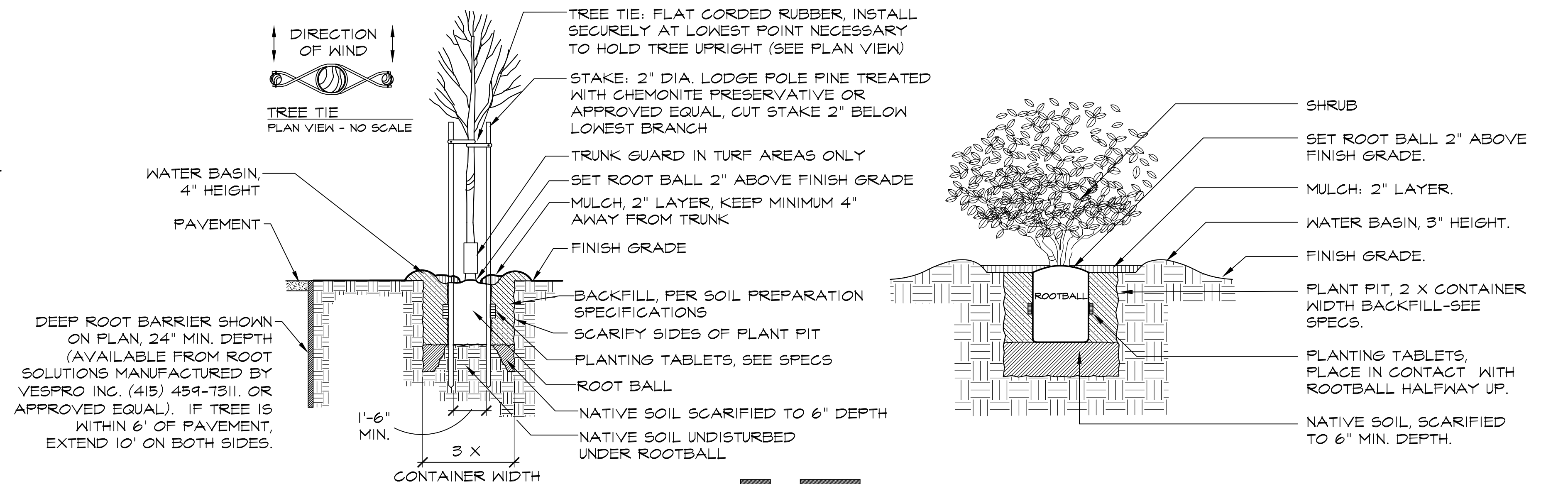
- MULCH:** INSTALL A UNIFORM TWO INCH COVERING OF MEDIUM FIR BARK, 3/4 INCH TO 2 INCH PARTICLE SIZE, IN SHRUB PLANTING AREAS AND AREAS SPECIFICALLY NOTED ON PLAN. MATERIAL AVAILABLE FROM SUN-UP FOREST PRODUCT, INC. (916)737-0665.
- GROUND COVER:** PROVIDE GROUND COVER AT INDICATED ON-CENTER SPACING THROUGHOUT ALL PLANTING AREAS. GROUND COVER SHALL BE PROVIDED UP TO THE WATERING BASIN OF ALL TREES AND SHRUBS.
- WEED CONTROL FABRIC:** INSTALL IN ALL SHRUB/GROUND COVER AREAS AND MULCH AREAS. CONTRACTOR SHALL APPLY FABRIC PRIOR TO MULCHING AND/OR PLANTING. INSTALL AND SECURE PER MANUFACTURER'S SPECIFICATIONS. WHERE PLANT PITS ARE TO BE LOCATED CUT HOLE IN FABRIC EQUAL TO DIAMETER OF PLANT BASIN. APPLY MULCH PER NOTE 2, THIS SHEET, OVER FABRIC. CONTRACTOR TO SUBMIT SAMPLE OF WEED CONTROL FABRIC PER SPECIFICATIONS TO LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- SOIL AMENDMENT:** SEE SPECIFICATIONS FOR SOIL AMENDMENT REQUIREMENTS.

PLANT LIST

ABBREV.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
TREES				
GIN BIL	GINGKO BILOBA 'AUTUMN GOLD'	GINGKO	15 GAL.	AS SHOWN
LAG WAT	LAGERSTROEMIA 'WATERMELON RED'	WATERMELON RED GRAPE MYRTLE	24" BOX	AS SHOWN
LIQ ROT	LIQUIDAMBAR 'ROTUNDILOBA'	SWEET GUM	15 GAL.	AS SHOWN
QUE LOB	QUERCUS LOBATA	VALLEY OAK	15 GAL.	AS SHOWN
SEQ SEM	SEQUOIA SEMPERVIRENS 'SOQUEL'	COAST REDWOOD	15 GAL.	AS SHOWN
SHRUBS & GROUND COVERS				
PYR COC	PYRACANTHA COCCINEA 'KASAN'	KASAN FIRETHORN	5 GAL.	AS SHOWN
	ROSA X 'NOASCHNEE'	WHITE FLOWER CARPET ROSE	2 GAL.	3'-0" O.C.
	ROSA CALIFORNICA	CALIFORNIA WILD ROSE	2 GAL.	3'-0" O.C.
VINES				
FIC PUM	FICUS PUMILA	CREeping FIG	1 GAL.	AS SHOWN
PAR TRI	PARTHENOISSUS TRICUSPIDATA	BOSTON IVY	1 GAL.	AS SHOWN
	HYDROSEED TURF, PER SPECS			
	BARK MULCH, PER SPECS			

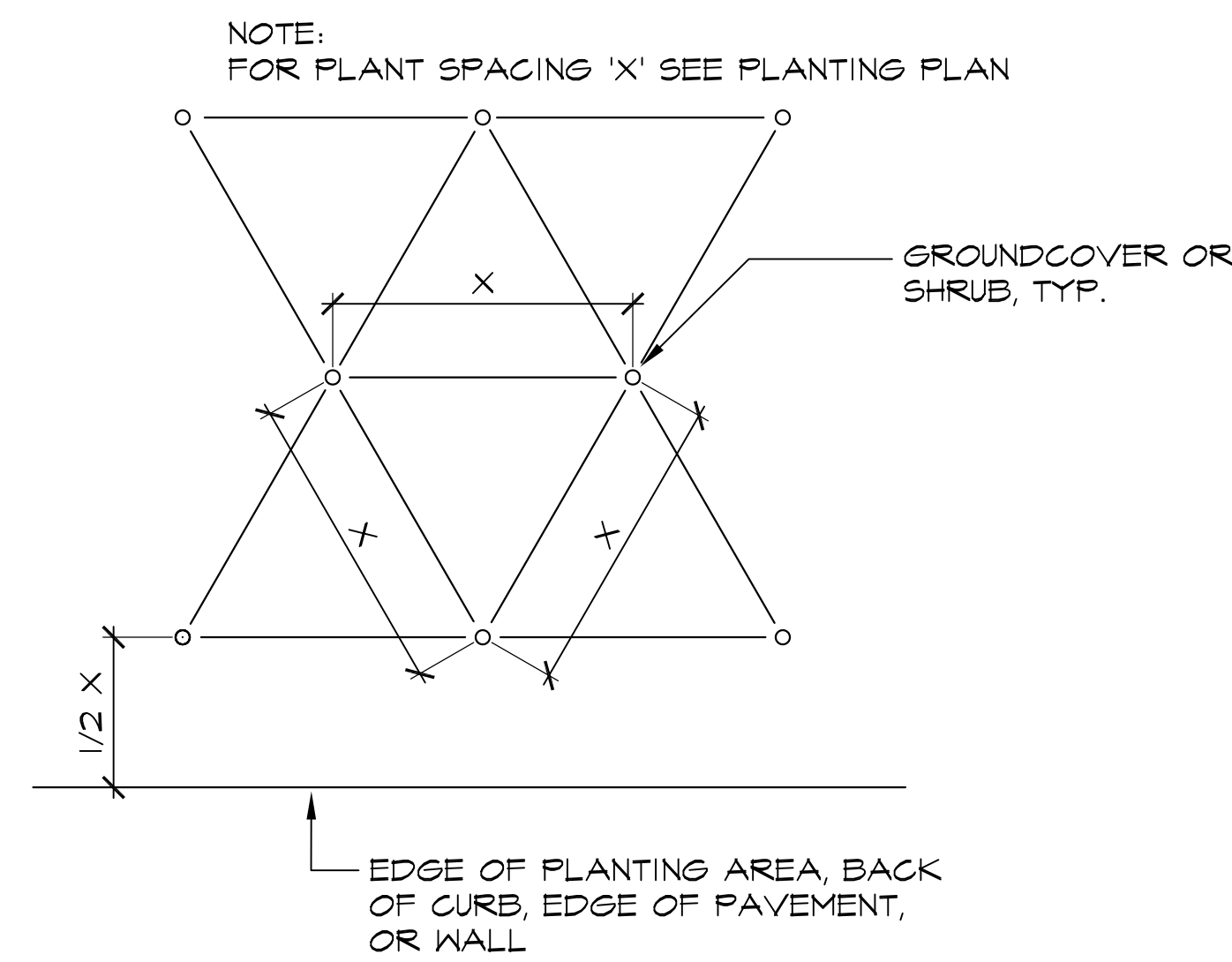
HYDROZONE LEGEND

- ① HIGH WATER USE HYDROZONE
- ② MEDIUM WATER USE HYDROZONE
- ③ LOW WATER USE HYDROZONE #1
- ④ LOW WATER USE HYDROZONE #2

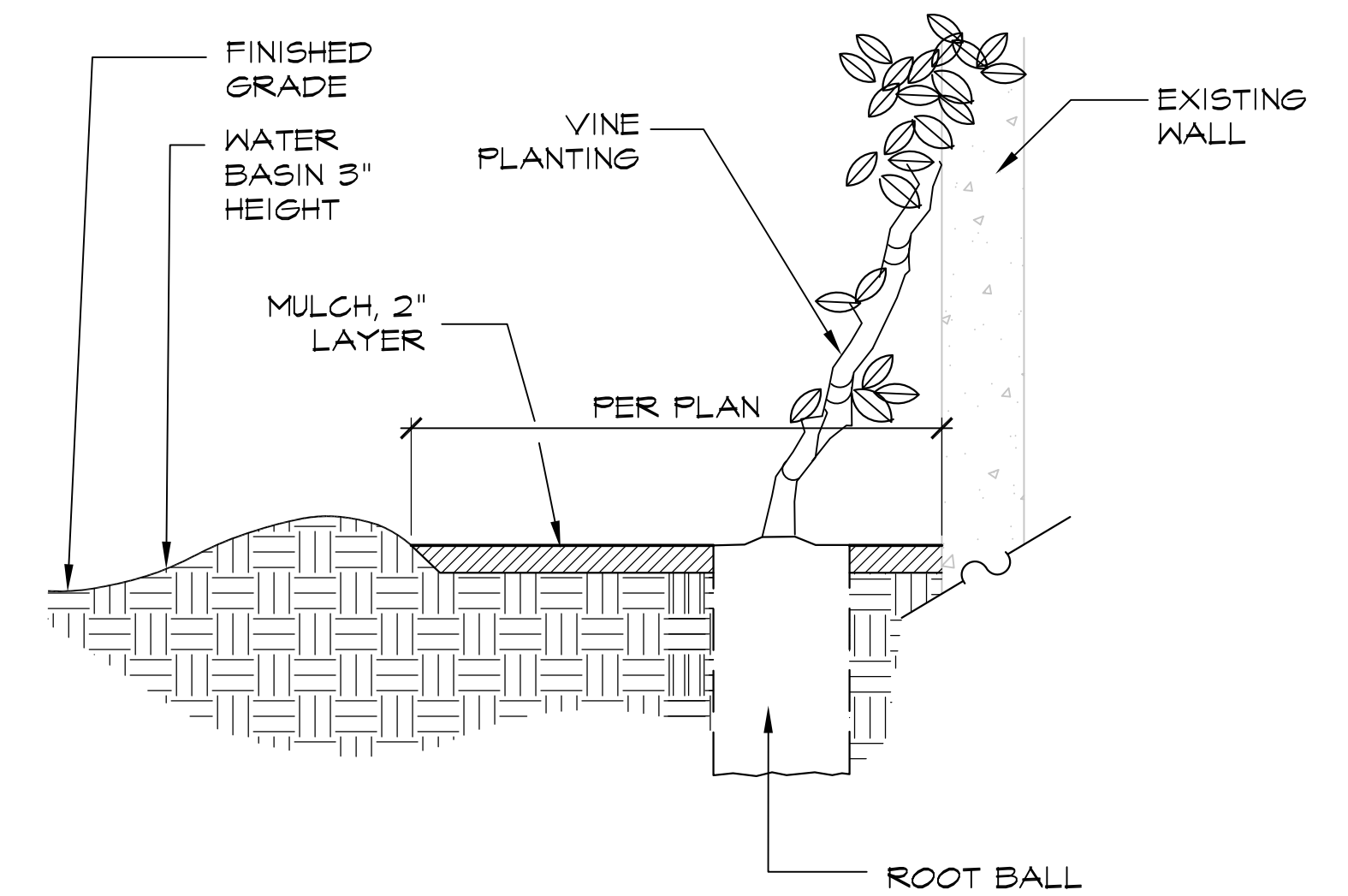


1 TREE PLANTING
11

2 SHRUB PLANTING
11
NOT TO SCALE



3 SHRUB/GROUND COVER SPACING
11
NOT TO SCALE



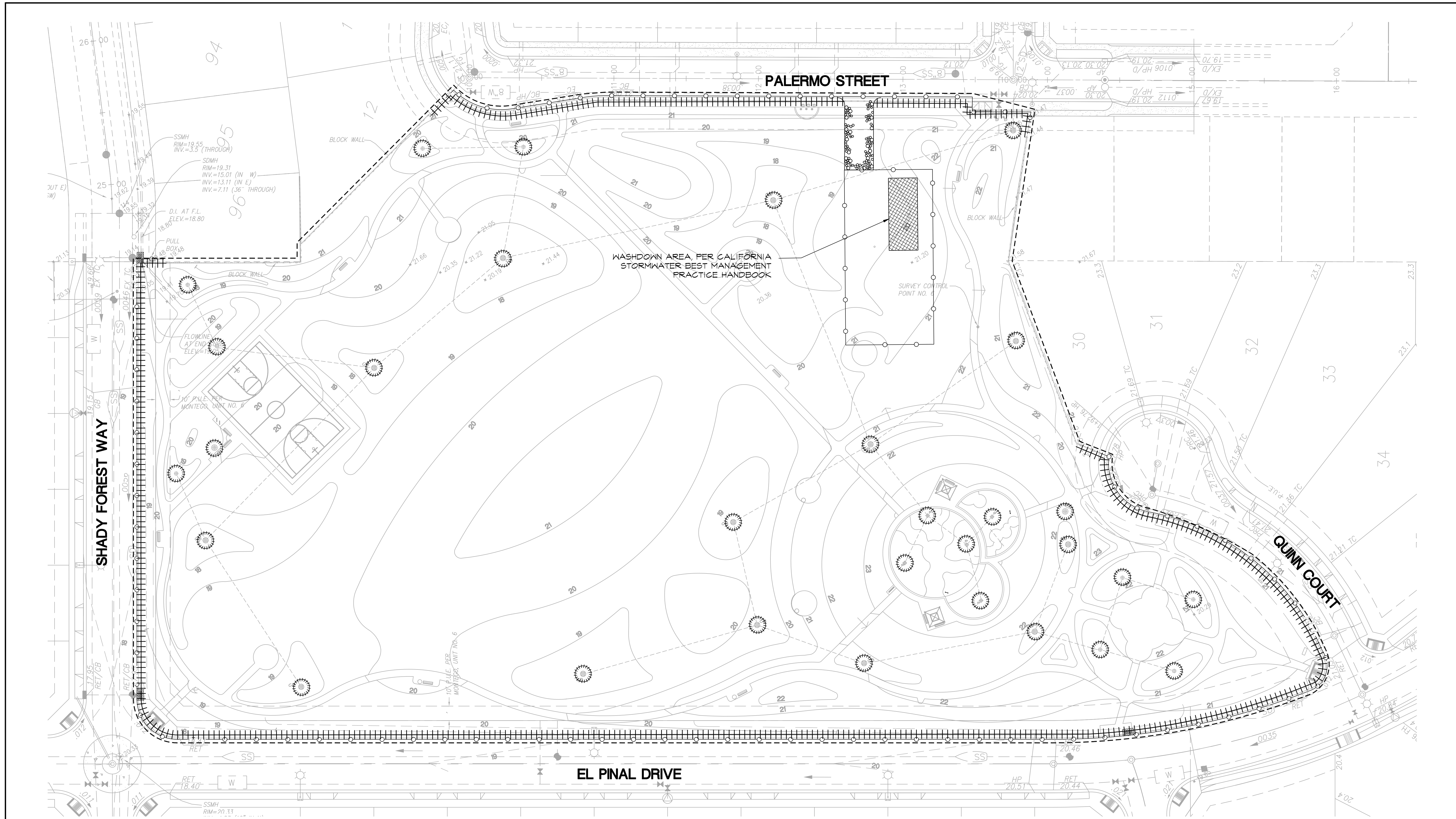
4 VINE PLANTING
11





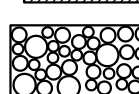
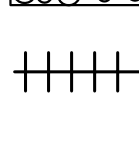
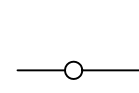
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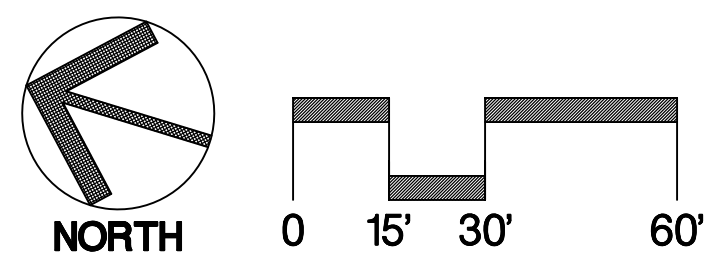
OAKMORE MONTEGO PARK			
PLANT LIST & NOTES			
PUBLIC WORKS DEPARTMENT CITY OF STOCKTON, CALIFORNIA			
SCALE	AS SHOWN	APPROVED BY: 11/28/11	SHEET NO. 11
DESIGNED BY	ES/VM	DATE	OF 21 SHEETS
DRAWN BY	JRT		PROJECT NO.
CHECKED BY	ES		
RECORD DWGS.		STOCKTON, CALIFORNIA	



EROSION CONTROL LEGEND

-  STORM DRAIN INLET FILTER $\frac{4}{13}$
-  CURB INLET FILTER $\frac{3}{13}$
-  STABILIZED CONSTRUCTION ENTRANCE $\frac{2}{13}$
-  FILTER ROLL BARRIER AND 10'-0" MIN. STRIP OF STRAW WITH TACKIFIER BINDER $\frac{1}{13}$
-  TEMPORARY CONSTRUCTION FENCE

SEE SHEET 13 FOR EROSION AND SEDIMENT CONTROL NOTES



Callander Associates
Landscape Architecture
11180 Sun Center Drive, Suite 104
Reno, CA 95970
T 916.655.9155
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Revision No.	Description	Date	By	Appr. By

**OAKMORE MONTEGO PARK
EROSION CONTROL PLAN**

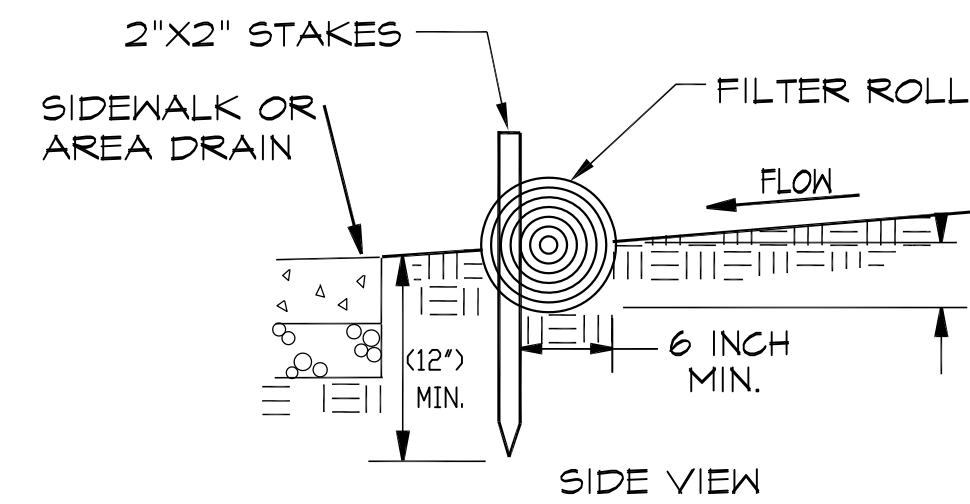
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DESIGNED BY ES/VM	DATE	PROJECT NO. 4911.11	
DRAWN BY JRT	PARK FACILITY PLANNER / LANDSCAPE ARCHITECT STOCKTON, CALIFORNIA		
CHECKED BY ES			
RECORD DWGS.			

EROSION AND SEDIMENT CONTROL NOTES

1. CONTRACTOR MUST ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE ONSET OF ANY STORM. CONTRACTOR SHALL HAVE ALL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE FOR THE WINTER MONTHS PRIOR TO OCTOBER 1.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE DEPARTMENT OF UTILITIES.
3. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE DEPARTMENT OF UTILITIES.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE AND AFTER ALL STORMS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
5. CONTRACTOR SHALL MAINTAIN A LOG AT THE SITE OF ALL INSPECTIONS OR MAINTENANCE OF BMPs, AS WELL AS, ANY CORRECTIVE CHANGES TO THE BMPs OR EROSION AND SEDIMENT CONTROL PLAN.
6. IN AREAS WHERE SOIL IS EXPOSED, PROMPT REPLANTING WITH NATIVE COMPATIBLE, DROUGHT-RESISTANT VEGETATION SHALL BE PERFORMED. NO AREAS WILL BE LEFT EXPOSED OVER THE WINTER SEASON.
7. THE CONTRACTOR SHALL INSTALL THE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF GRADING. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE GRADING OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE.
8. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY.
9. CONTRACTOR SHALL PLACE FILTER ROLL BARRIER AROUND ALL NEW DRAINAGE STRUCTURE OPENINGS IMMEDIATELY AFTER THE STRUCTURE OPENING IS CONSTRUCTED. THESE FILTER ROLL BARRIERS SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.

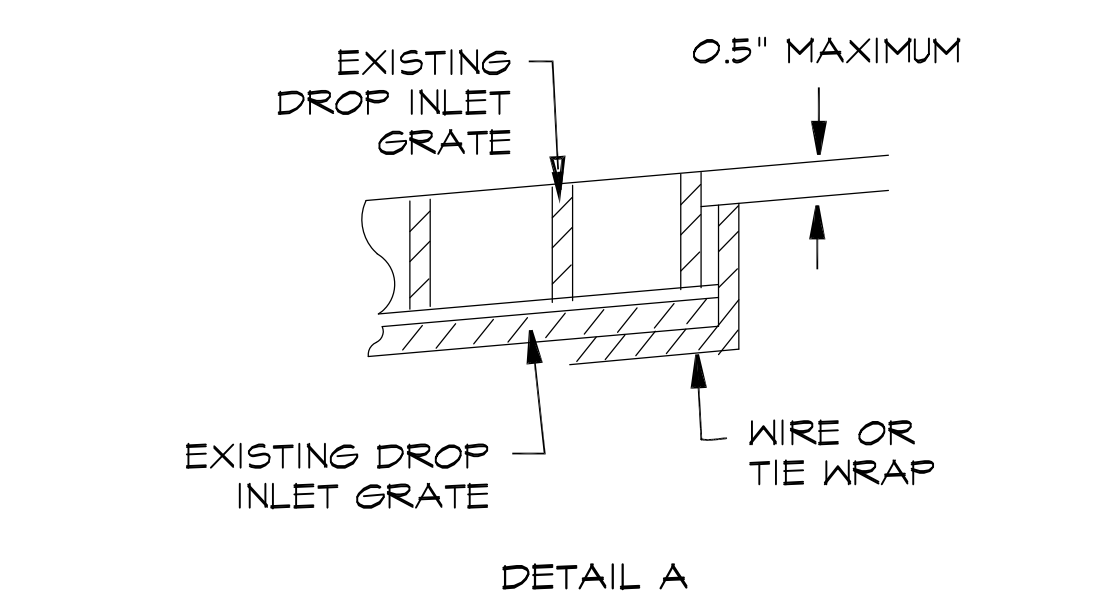
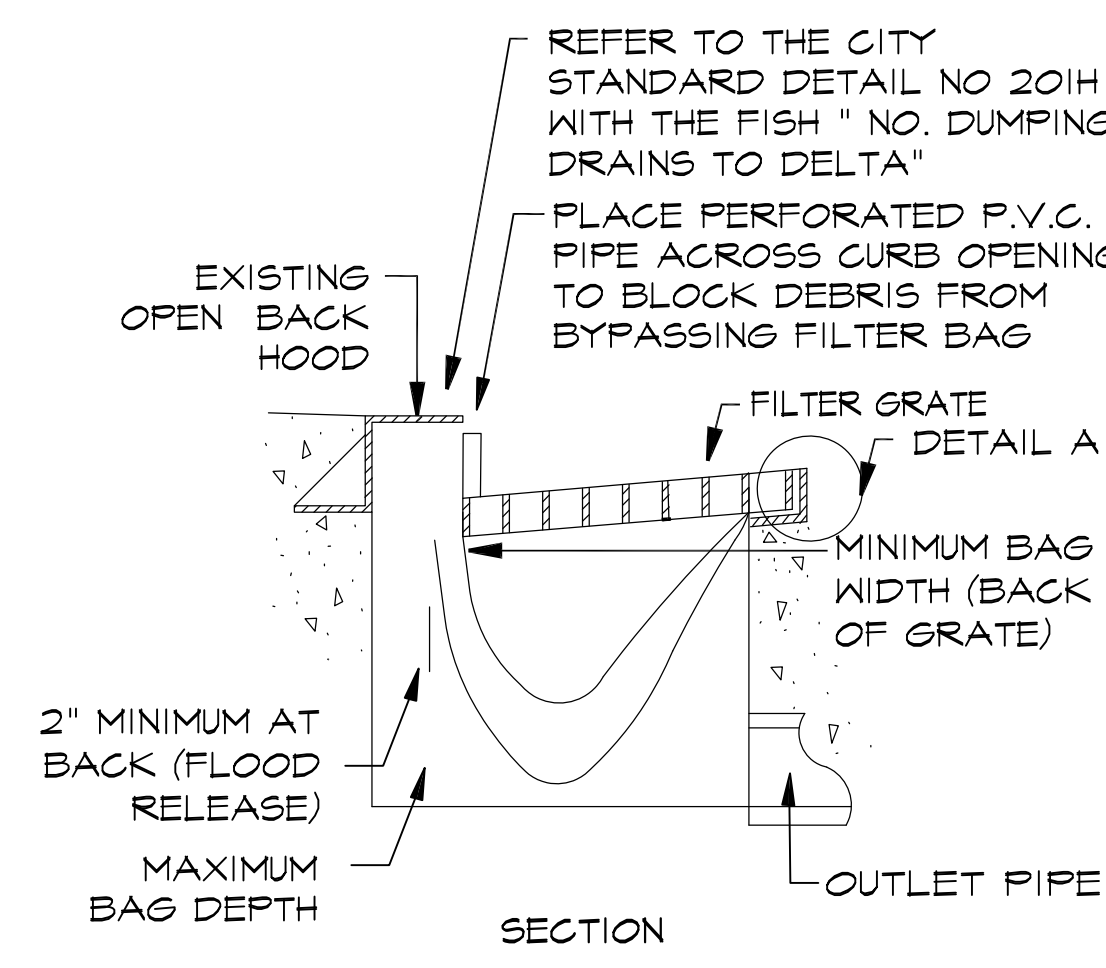
10. CONTRACTOR SHALL IMPLEMENT HOUSEKEEPING PRACTICES AS FOLLOWS:
- A. **SOLID WASTE MANAGEMENT:**
PROVIDE DESIGNATED WASTE COLLECTION AREAS AND CONTAINERS. ARRANGE FOR REGULAR REMOVAL AND DISPOSAL. CLEAR SITE OF TRASH INCLUDING ORGANIC DEBRIS, PACKAGING MATERIALS, SCRAP OR SURPLUS BUILDING MATERIALS AND DOMESTIC WASTE DAILY.
 - B. **MATERIAL DELIVERY AND STORAGE:**
PROVIDE A DESIGNATED MATERIAL STORAGE AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. STORE MATERIAL ON PALLETS AND PROVIDE COVERING FOR SOLUBLE MATERIALS. INSPECT AREA WEEKLY.
 - C. **CONCRETE WASTE:**
PROVIDE A DESIGNATED AREA FOR A TEMPORARY PIT TO BE USED FOR CONCRETE TRUCK WASH-OUT. DISPOSE OF HARDENED CONCRETE OFFSITE. AT NO TIME SHALL A CONCRETE TRUCK DUMP ITS WASTE AND CLEAN ITS TRUCK INTO THE CITY STORM DRAINS VIA CURB AND GUTTER. INSPECT DAILY TO CONTROL RUNOFF, AND WEEKLY FOR REMOVAL OF HARDENED CONCRETE.
 - D. **PAINT AND PAINTING SUPPLIES:**
PROVIDE INSTRUCTION TO EMPLOYEES AND SUBCONTRACTORS REGARDING REDUCTION OF POLLUTANTS INCLUDING MATERIAL STORAGE, USE, AND CLEAN UP. INSPECT SITE WEEKLY FOR EVIDENCE OF IMPROPER DISPOSAL.
 - E. **VEHICLE FUELING, MAINTENANCE AND CLEANING:**
PROVIDE A DESIGNATED FUELING AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. DO NOT ALLOW MOBILE FUELING OF EQUIPMENT. PROVIDE EQUIPMENT WITH DRIP PANS. RESTRICT ONSITE MAINTENANCE AND CLEANING OF EQUIPMENT TO A MINIMUM. INSPECT AREA WEEKLY.
 - F. **HAZARDOUS WASTE MANAGEMENT:**
PREVENT THE DISCHARGE OF POLLUTANTS FROM HAZARDOUS WASTES TO THE DRAINAGE SYSTEM THROUGH PROPER MATERIAL USE, WASTE DISPOSAL AND TRAINING OF EMPLOYEES. HAZARDOUS WASTE PRODUCTS COMMONLY FOUND ON-SITE INCLUDE BUT ARE NOT LIMITED TO PAINTS & SOLVENTS, PETROLEUM PRODUCTS, FERTILIZERS, HERBICIDES & PESTICIDES, SOIL STABILIZATION STABILIZATION PRODUCTS, ASPHALT PRODUCTS AND CONCRETE CURING PRODUCTS.

11. CONTRACTOR SHALL NOT DISCHARGE OF CHLORINATED AND DE-CHLORINATED WATER INTO DRAIN SYSTEM.



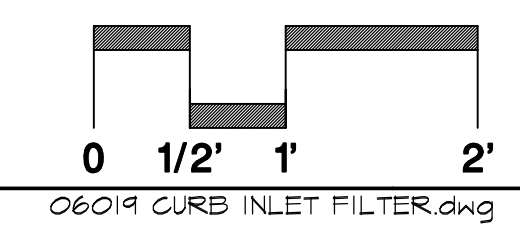
- NOTES:**
1. FILTER ROLL BARRIER SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS THE EXPECTED FLOW PATH AND AS APPROVED BY THE ENGINEER.
 2. FILTER ROLL (8" TO 12" DIAMETER) SHALL BE PLACED INTO THE KEY TRENCH AND STAKES ON BOTH SIDES OF THE ROLL WITHIN 6 FEET OF EACH END AND THEN EVERY 3' TO 4' WITH 2" X 2" X 23" STAKES. STAKES ARE TYPICALLY DRIVEN IN ON ALTERNATING SIDES OF THE ROLL. ADJACENT ROLLS SHALL TIGHTLY ABUT.
 3. CLEAR SUBGRADE SO THAT REMOVAL OF ALL LOCAL DEVIATIONS AND TO REMOVE LARGE STONES OR DEBRIS THAT WILL INHIBIT INTIMATE CONTACT OF THE FILTER ROLL WITH THE SUBGRADE.
 4. PRIOR TO ROLL INSTALLATION, CONTOUR A CONCAVE TRENCH (2 TO 4 INCHES) DEEP ALONG THE PROPOSED INSTALLATION ROUTE. FILTER ROLL SHALL BE INSTALLED ALONG THE SIDE OF WALKS AND AROUND THE CATCH BASINS. THE BOTTOM EDGE OF THE FIBER ROLL SHALL EXTEND TO AND ACROSS THE BOTTOM OF THE TRENCH. THE TRENCH SHALL BE BACKFILLED TO 4 INCHES ABOVE GROUND AND COMPACTED TO BURY AND SECURE THE BOTTOM OF THE FILTER ROLL.
 5. CONTRACTOR SHALL MAKE INSPECTIONS WEEKLY DURING THE WET SEASON, MONTHLY DURING THE DRY SEASON AND IMMEDIATELY AFTER EACH RAINFALL TO DETERMINE IF REPAIRS AND SEDIMENT REMOVAL IS REQUIRED. SEDIMENT SHALL BE REMOVED BEFORE IT HAS REACHED ONE THIRD THE HEIGHT OF THE FILTER ROLL BARRIER.

1 FILTER ROLL BARRIER

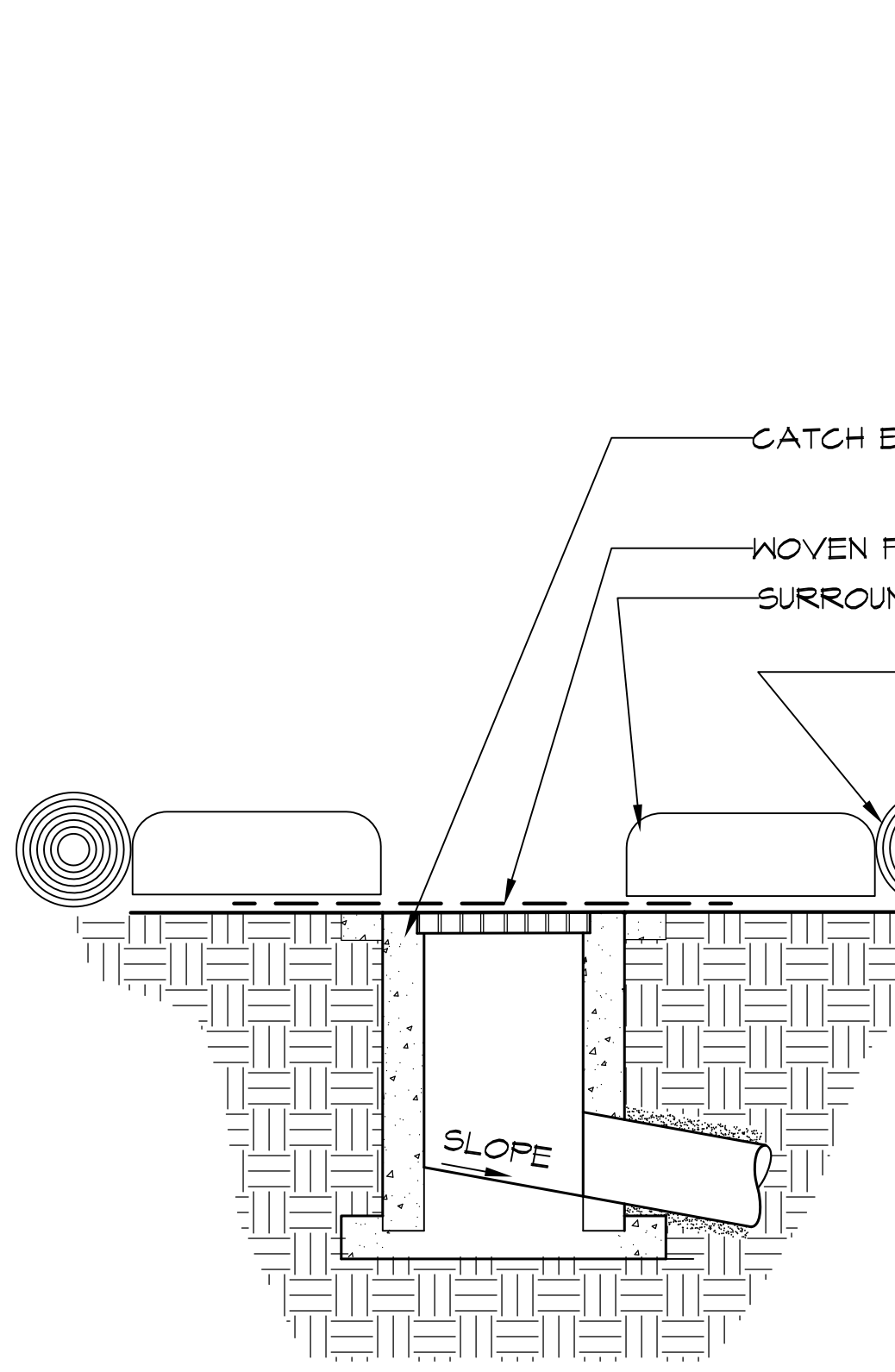


3 CURB INLET FILTER

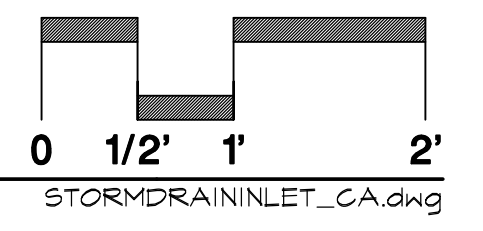
- NOTES:**
1. THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE NYLON, POLYESTER, OR ETHYLENE FABRIC WITH A MINIMUM TENSILE STRENGTH OF 50 LBS PER LINEAL FOOT. AN EQUIVALENT OPENING SIZE NOT GREATER THAN A 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GAL/SQ. FT.
 2. THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY EXISTING INLET GRATE (OR OTHER APPROVED METHOD). PROVIDING NO MODIFICATION OR DRAINAGE SHALL BE DONE TO THE INLET GRATE OR FRAME, THE INLET GRATE SHALL NOT BE CAUSED TO REST MORE THAN 0.5" ABOVE THE INLET FRAME (SEE DETAIL A).
 3. THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
 4. FLOWS SHALL NOT BE ALLOWED TO BYPASS THE BAG, THE BAG OR ITS FRAME SHALL CATCH FLOWS AT ALL SIDES OF THE INLET EXCEPT AS SHOWN FOR FLOOD RELEASE.
 5. INLET FILTER BAGS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL DURING THE WET SEASON AND MONTHLY DURING THE DRY SEASON. SEDIMENT AND DEBRIS SHALL BE REMOVED BEFORE ACCUMULATIONS HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. BAGS SHALL BE REPAIRED OR REPLACED AS SOON AS DAMAGE OCCURS.



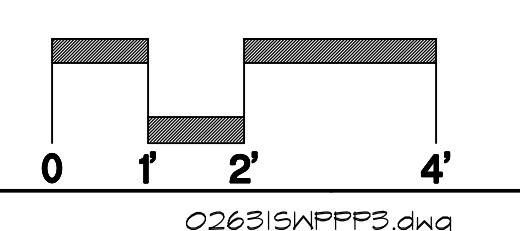
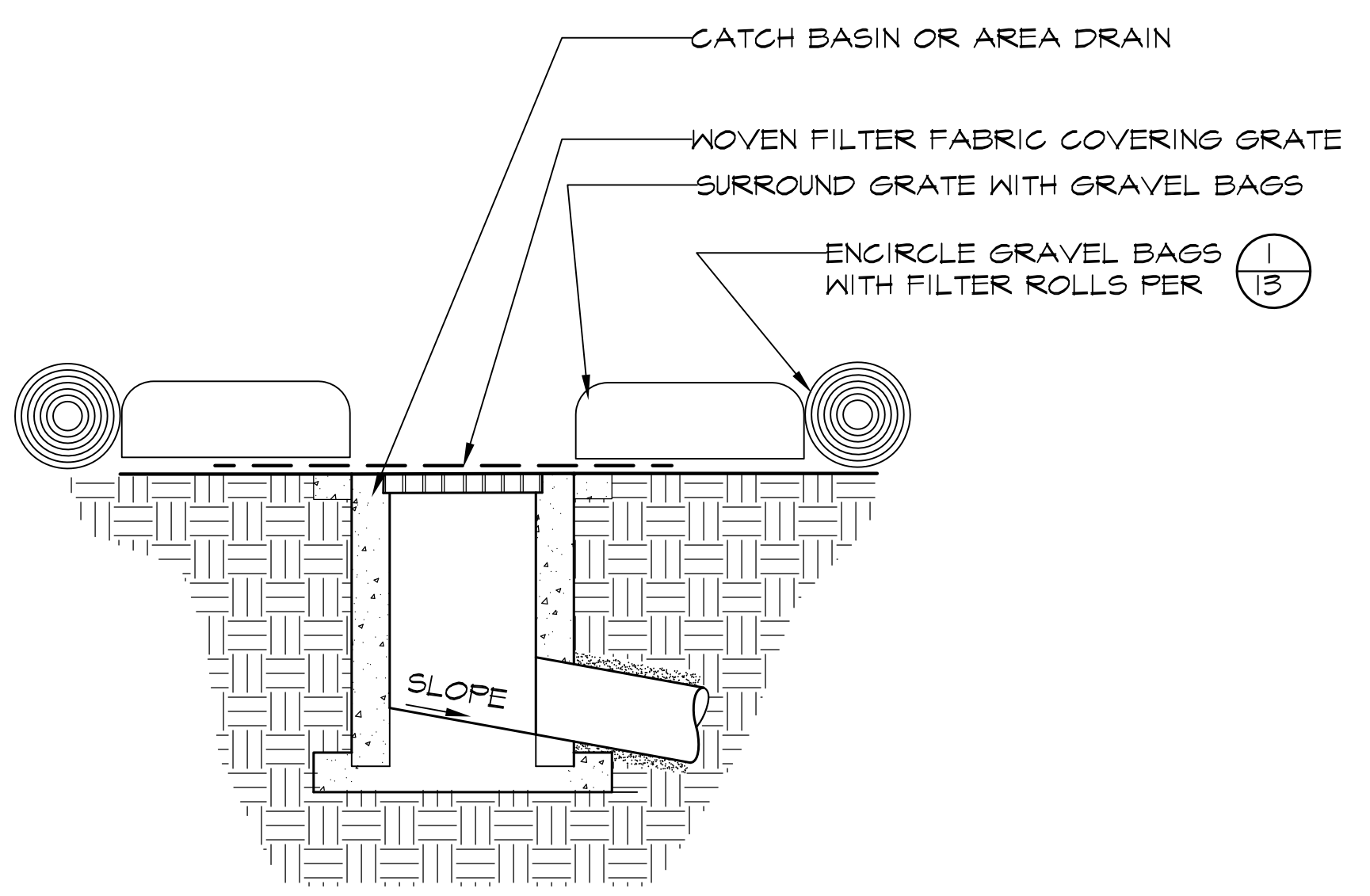
2 STABILIZED CONSTRUCTION ENTRANCE



- NOTES:**
1. STABILIZED CONSTRUCTION SITE ACCESS SHALL BE CONSTRUCTED OF 1" TO 3" WASHED, WELL-GRADED GRAVEL OR CRUSHED ROCK. MATERIAL SHALL BE PLACED TO A MINIMUM THICKNESS OF 6 INCHES.
 2. LENGTH OF ENTRANCE SHALL BE A MINIMUM OF 50 FEET. WIDTH SHALL BE A MIN. OF 15 FT OR GREATER IF NECESSARY TO COVER ALL VEHICULAR INGRESS AND EGRESS. PROVIDE AMPLE TURNING RADI.
 3. THE ENTRANCE SHALL BE KEPT IN GOOD CONDITION BY OCCASIONAL TOP DRESSING WITH MATERIAL AS SPECIFIED IN NOTE 1.
 4. ACCESS SHALL BE INSPECTED WEEKLY DURING PERIODS OF HEAVY USAGE, MONTHLY DURING NORMAL USAGE, AND AFTER EACH RAINFALL, WITH MAINTENANCE PROVIDED AS NECESSARY. PERIODIC TOP DRESSING SHALL BE DONE AS NEEDED.



4 STORM DRAIN INLET FILTER



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CA PROJECT NO. 06019
CITY BUILDING PERMIT #

Revision No.	Description	Date	By	Appr. By

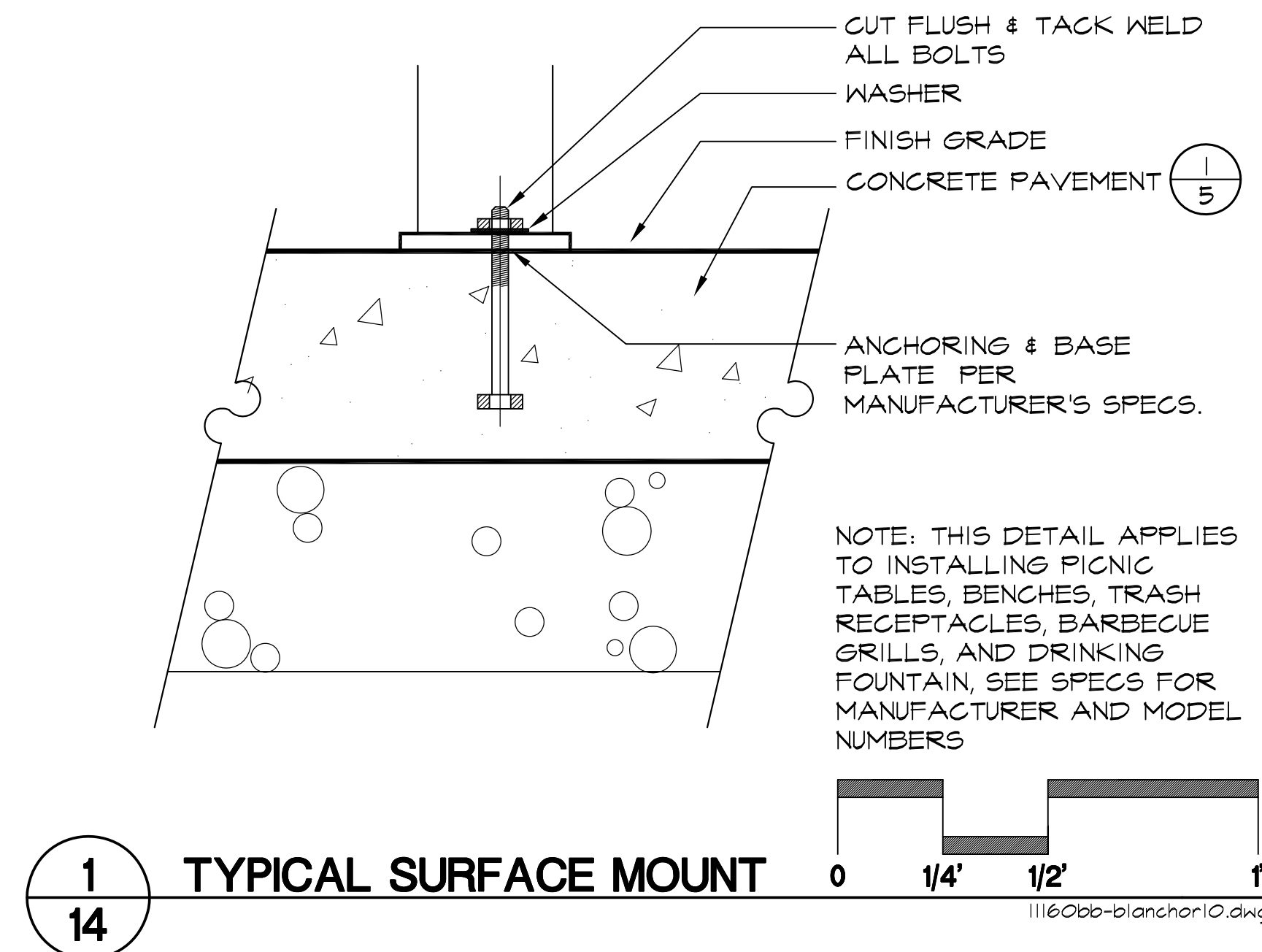
OAKMORE MONTEGO PARK
EROSION CONTROL NOTES

PUBLIC WORKS DEPARTMENT
CITY OF STOCKTON, CALIFORNIA

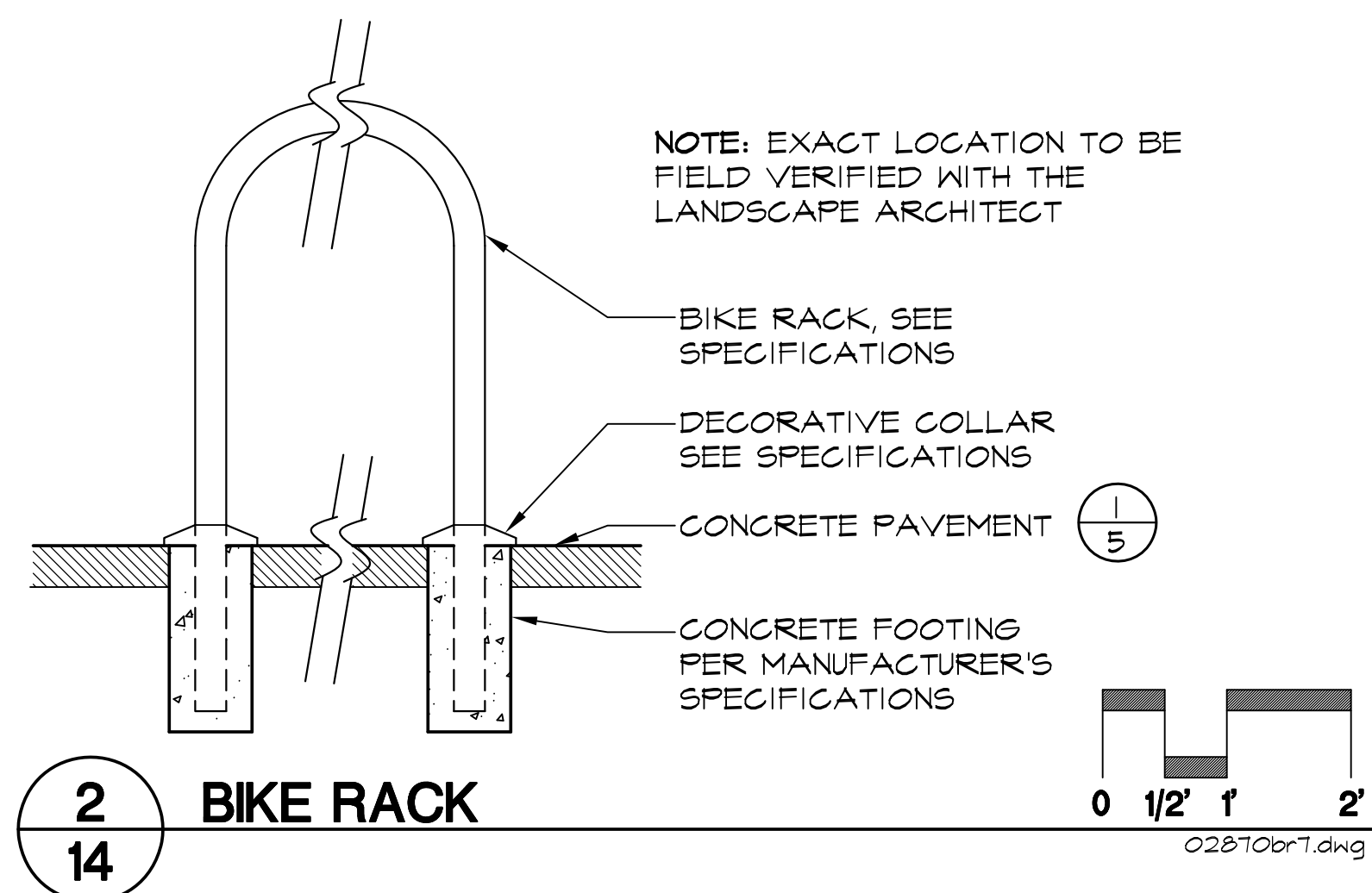
SCALE AS SHOWN
DESIGNED BY ES/VM
DRAWN BY JRT
CHECKED BY ES
RECORD DWGS.

APPROVED BY: 11/28/11
DATE

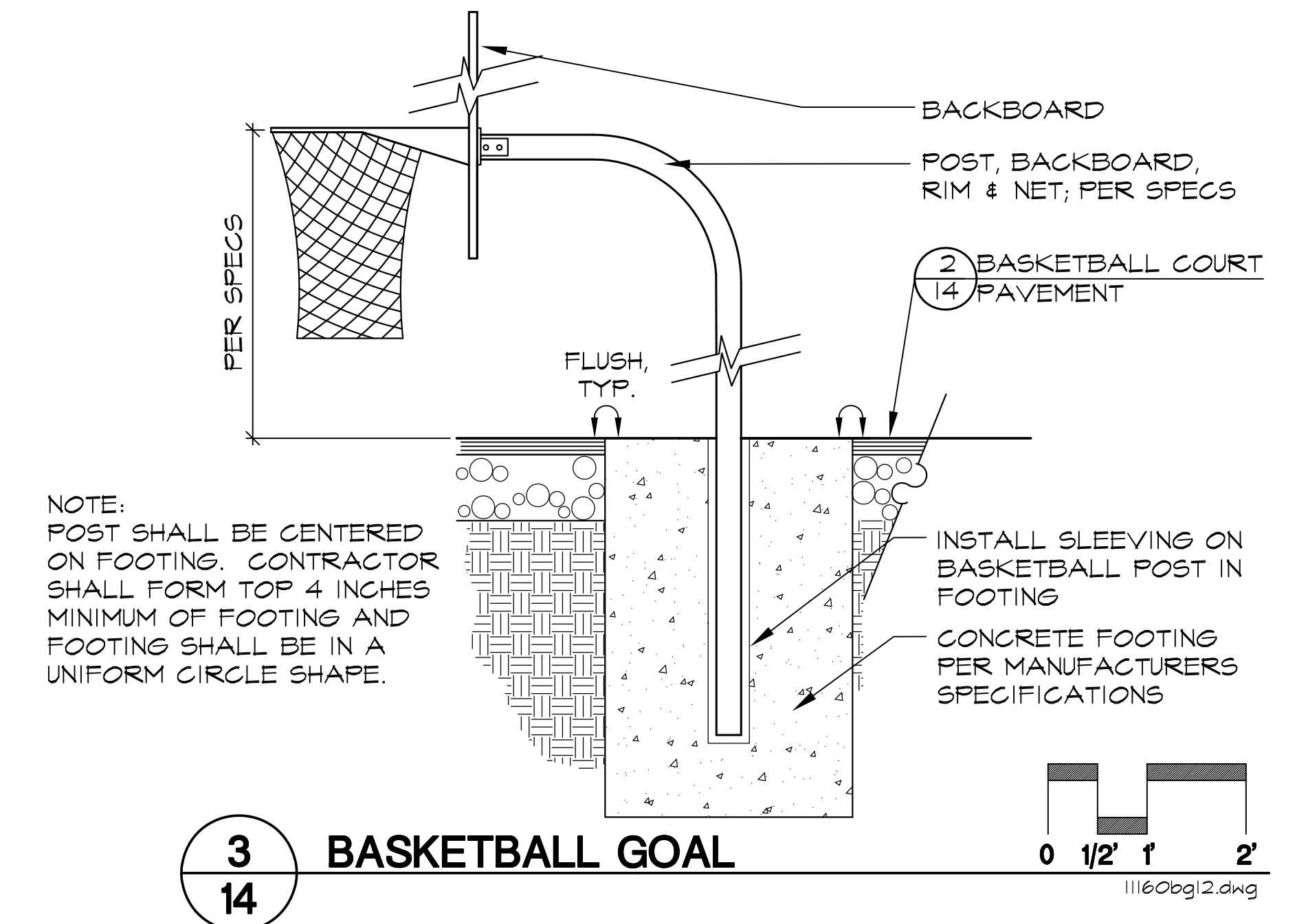
SHEET NO. 13
OF 21 SHEETS
PROJECT NO.



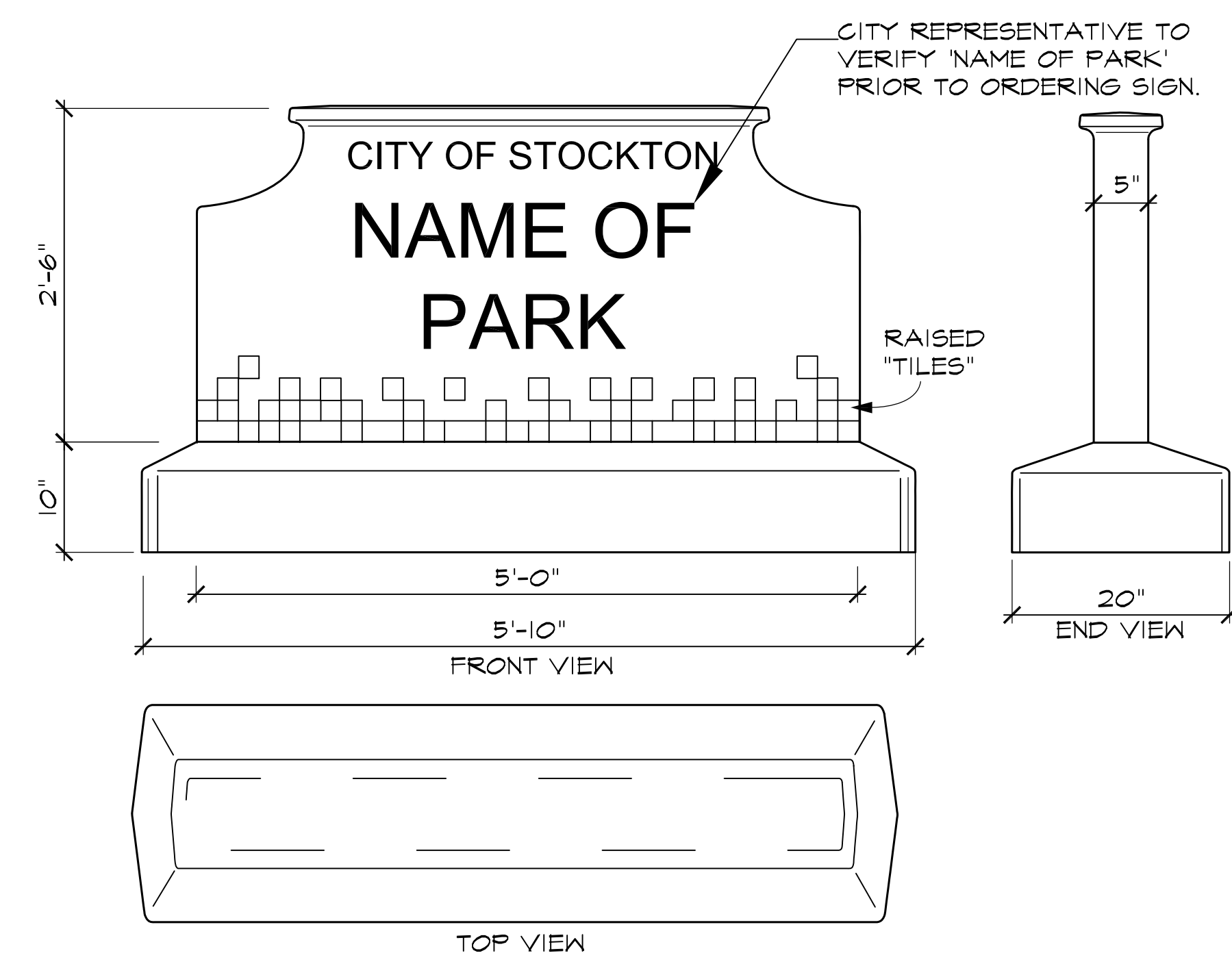
1
14 TYPICAL SURFACE MOUNT
11160bb-blancher10.dwg



2
14 BIKE RACK
02870or1.dwg

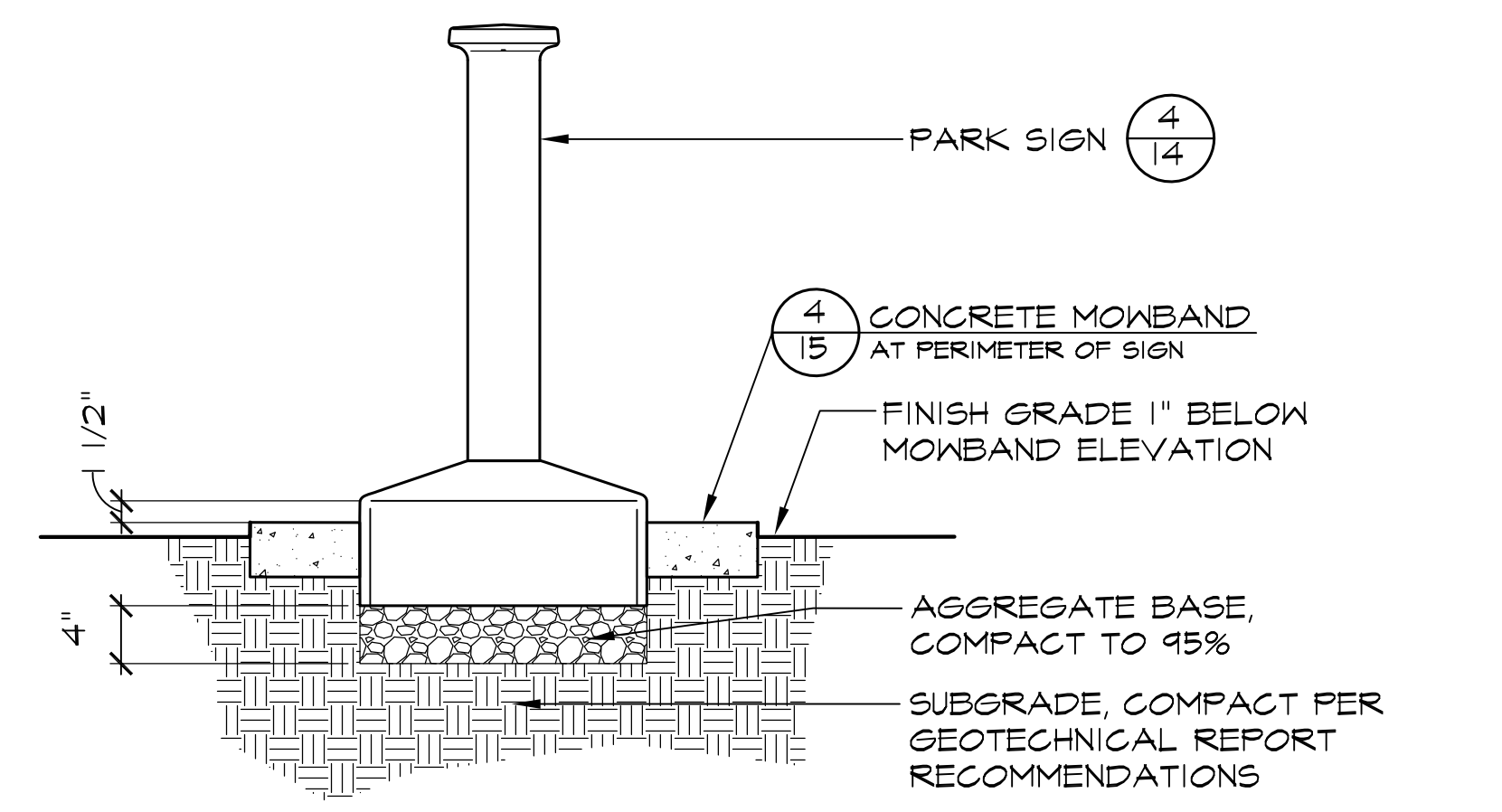


3
14 BASKETBALL GOAL
11160bg12.dwg

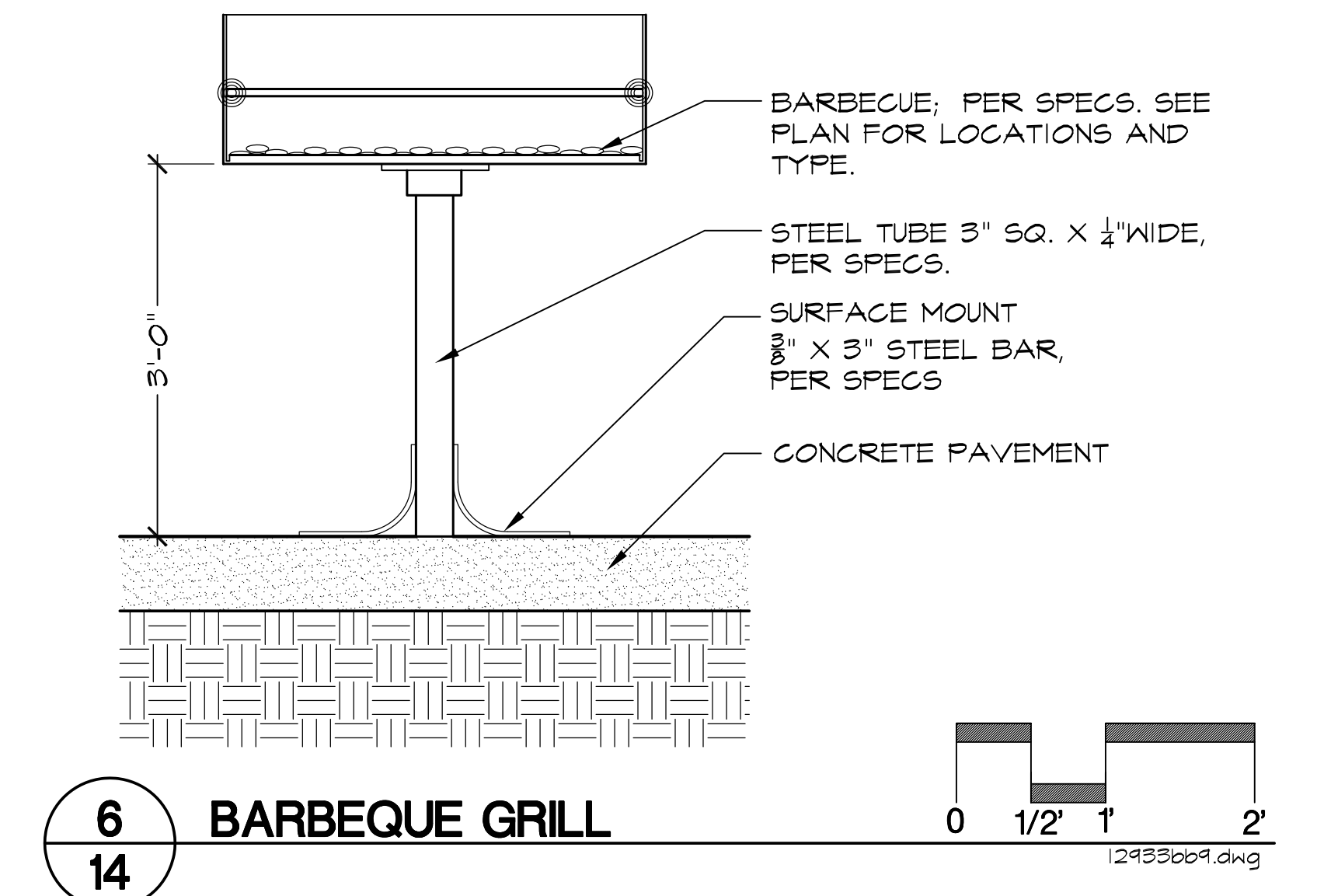


4
14 PARK SIGN
NTS

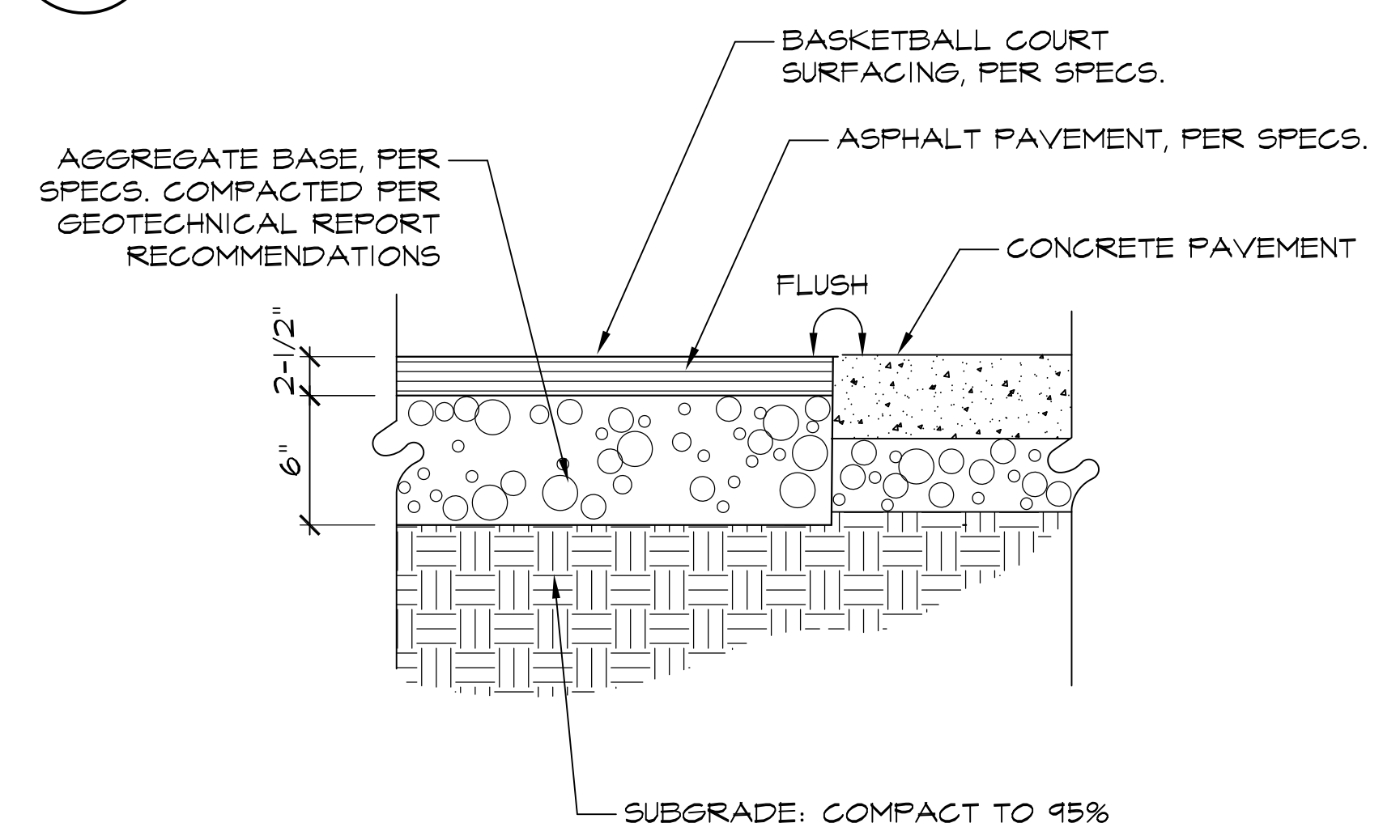
NOTES:
SIGN = SINGLE SIDED MANUFACTURED BY UNIVERSAL PRE-CAST OR APPROVED EQUAL
CONCRETE COLOR = INTEGRAL MIXED MINERAL OXIDES, DAVIS COLOR #605B 'DUNE'
FINISH TEXTURE = SMOOTH, ALL EDGES TO BE FULLY ROUNDED
SEALER = STANDARD, GRAFFITI RESISTENT
"TILE" COLORS = "JUNIPER GREEN" SHERWIN-WILLIAMS BM #7B-B
LETTERS = CAST IN 1/2" & PAINTED
FONTS = 2" HIGH X 28" WIDE - "CITY OF STOCKTON" - "HELVETICA" BOLD
PARK NAME = 5.25" HIGH X AS REQUIRED - "DOM CASUAL" BOLD
COLORS = "CITY OF STOCKTON" = "JUNIPER GREEN" BM #7B-B
PARK NAME = "JUNIPER GREEN" BM #7B-B



5
14 PARK SIGN FOOTING
NTS
stockton-parksign5.dwg



6
14 BARBEQUE GRILL
12933bb9.dwg



7
14 BASKETBALL COURT PAVING
06019_02190basketpav.dwg



Callender Associates
Landscape Architecture
11180 Sun Center Drive, Suite 104
Rancho Cordova, CA 95670
T 916.551.1312
F 916.655.9153
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CA PROJECT NO. 06019
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Revision No.	Description	Date	By	Appr. By

OAKMORE MONTEGO PARK

CONSTRUCTION DETAILS

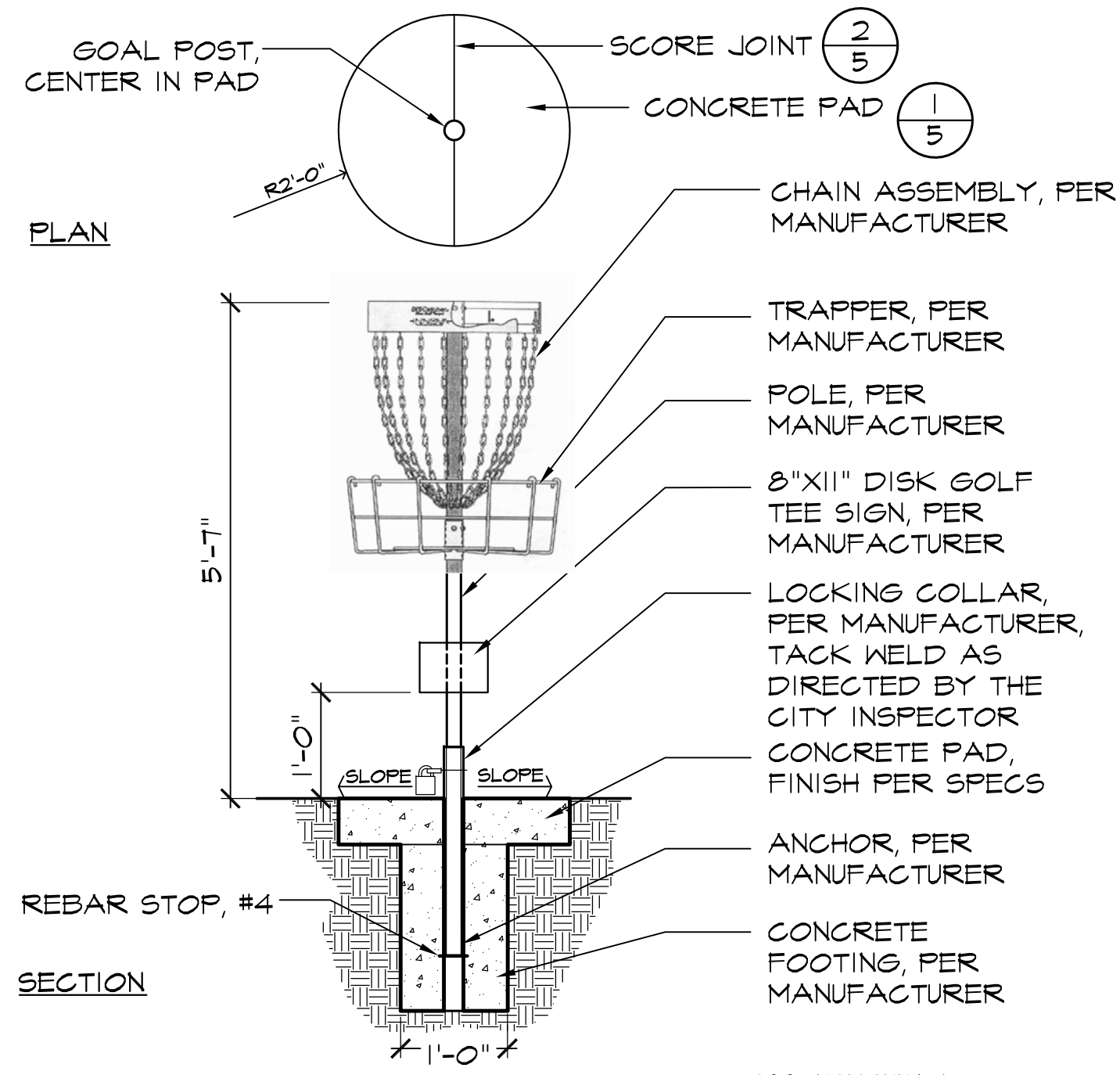
PUBLIC WORKS DEPARTMENT
CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN
DESIGNED BY ES/VM
DRAWN BY JRT
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RECORD DWGS.

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DATE

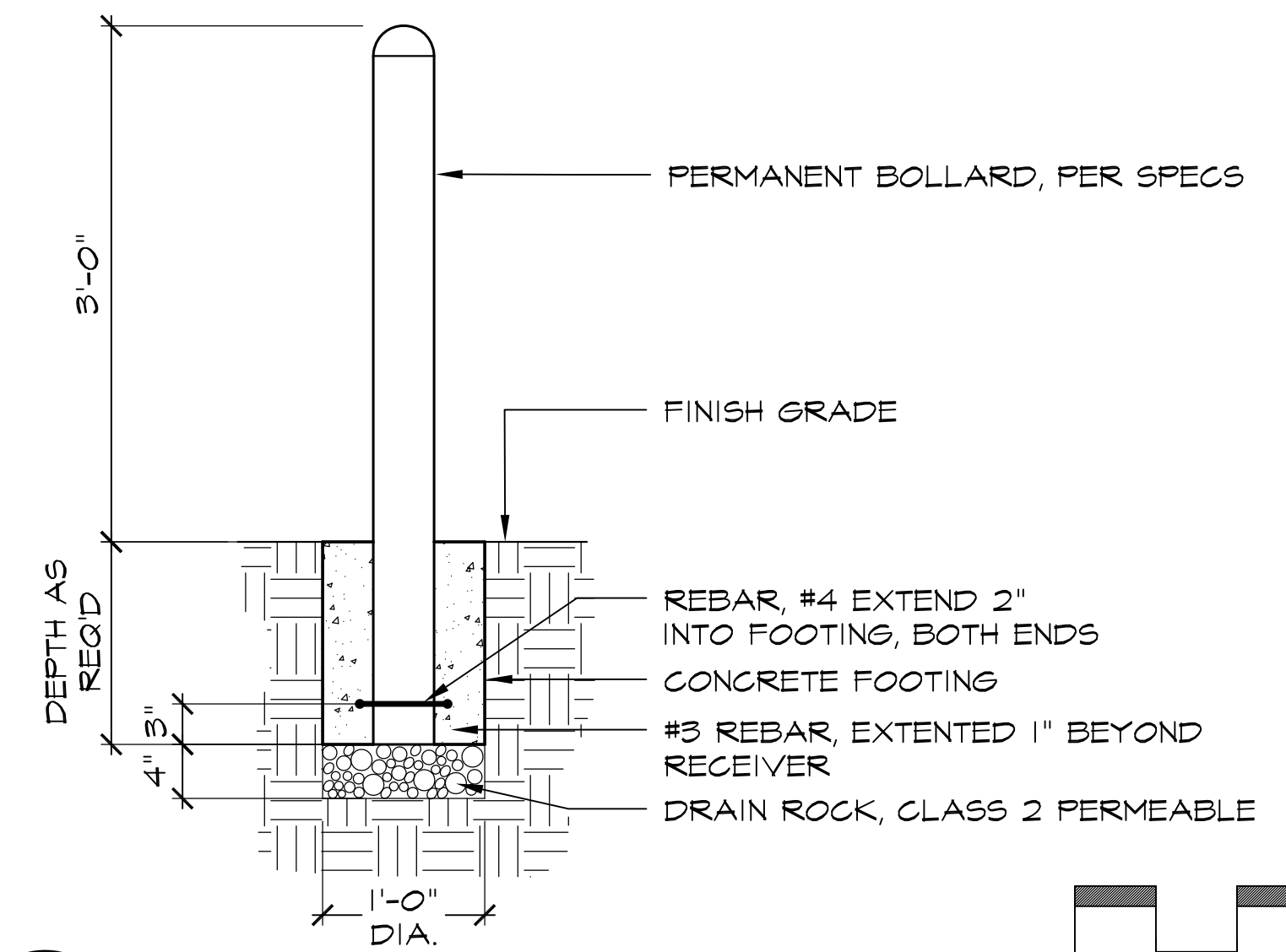
PARK FACILITY PLANNER / LANDSCAPE ARCHITECT
STOCKTON, CALIFORNIA

SHEET NO. 14
OF 21 SHEETS
PROJECT NO.

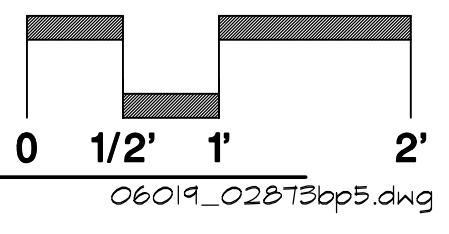


1 DISK GOLF GOAL
15 NTS

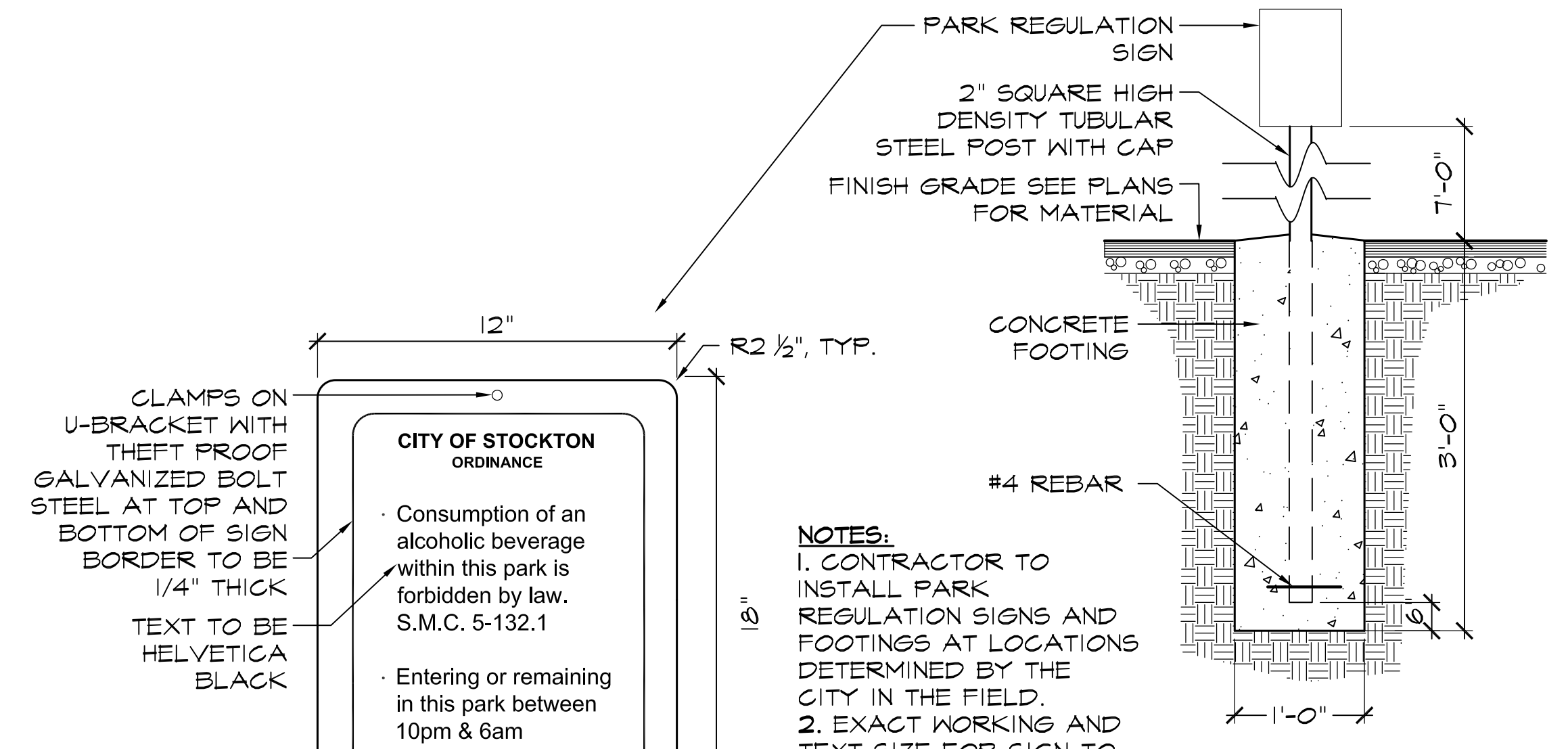
02280FRISBEE6.dwg



2 BOLLARD
15 NTS

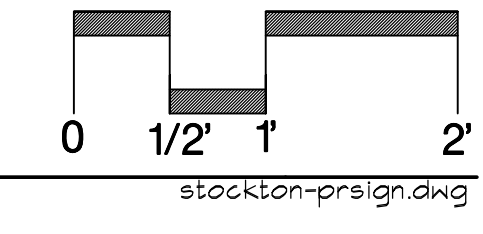


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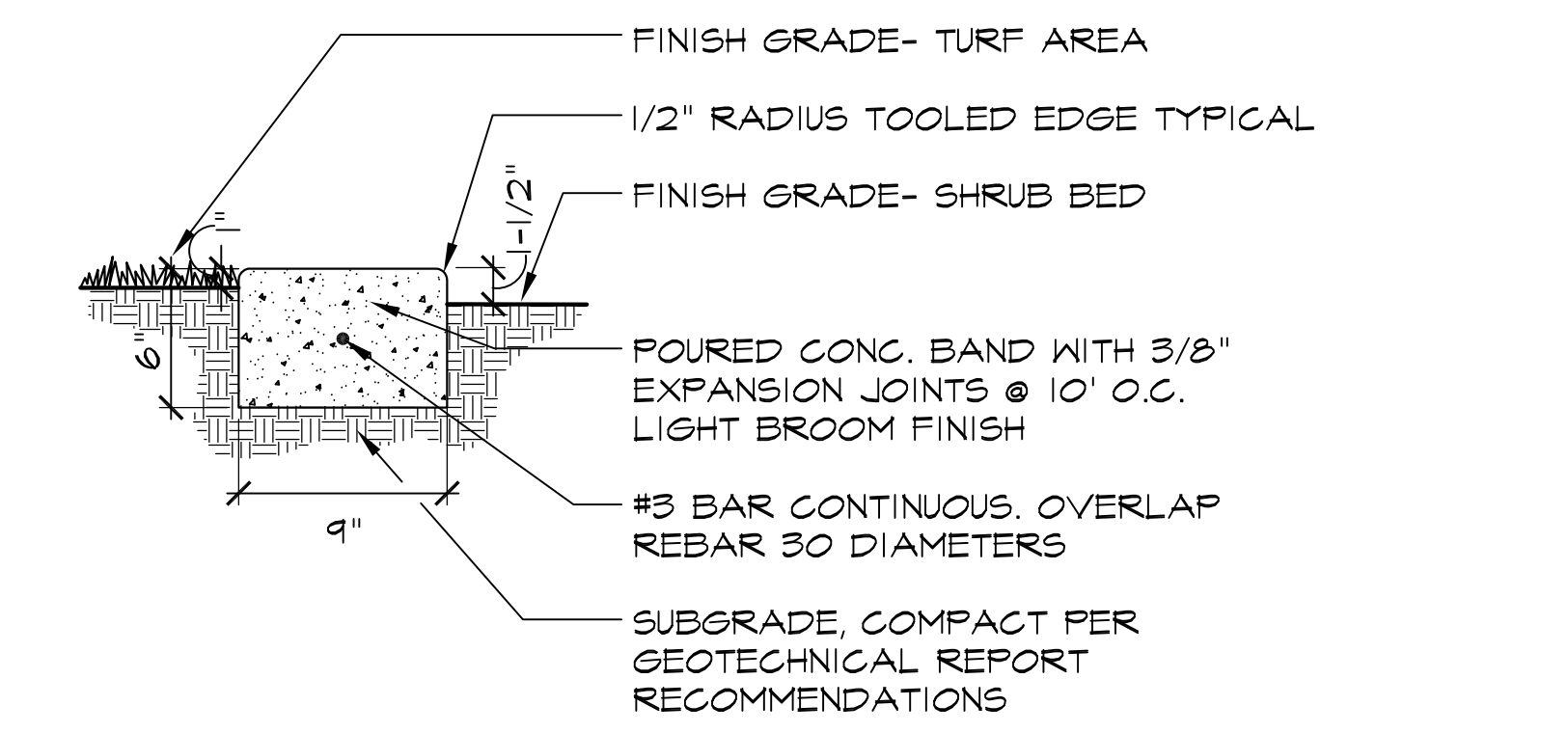


3 PARK RULES SIGN
15 NTS

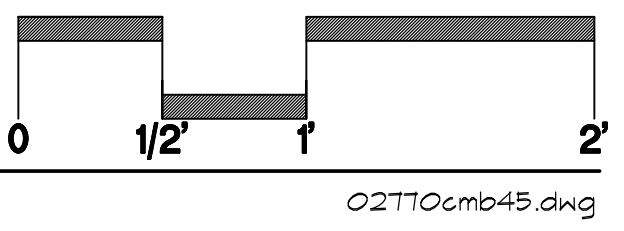
02287parksign.dwg



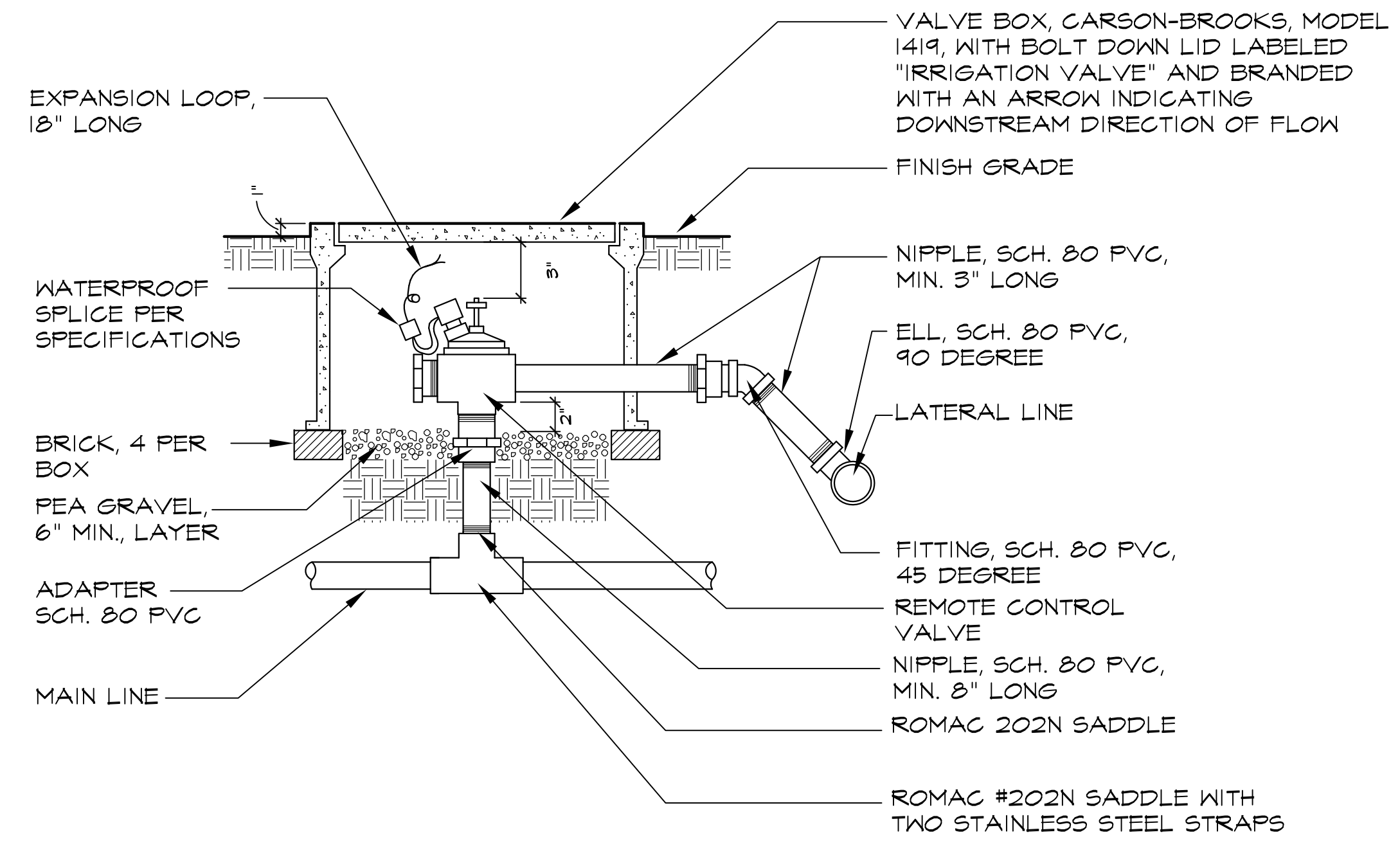
stockton-prsign.dwg



4 CONCRETE MOWBAND
15 NTS

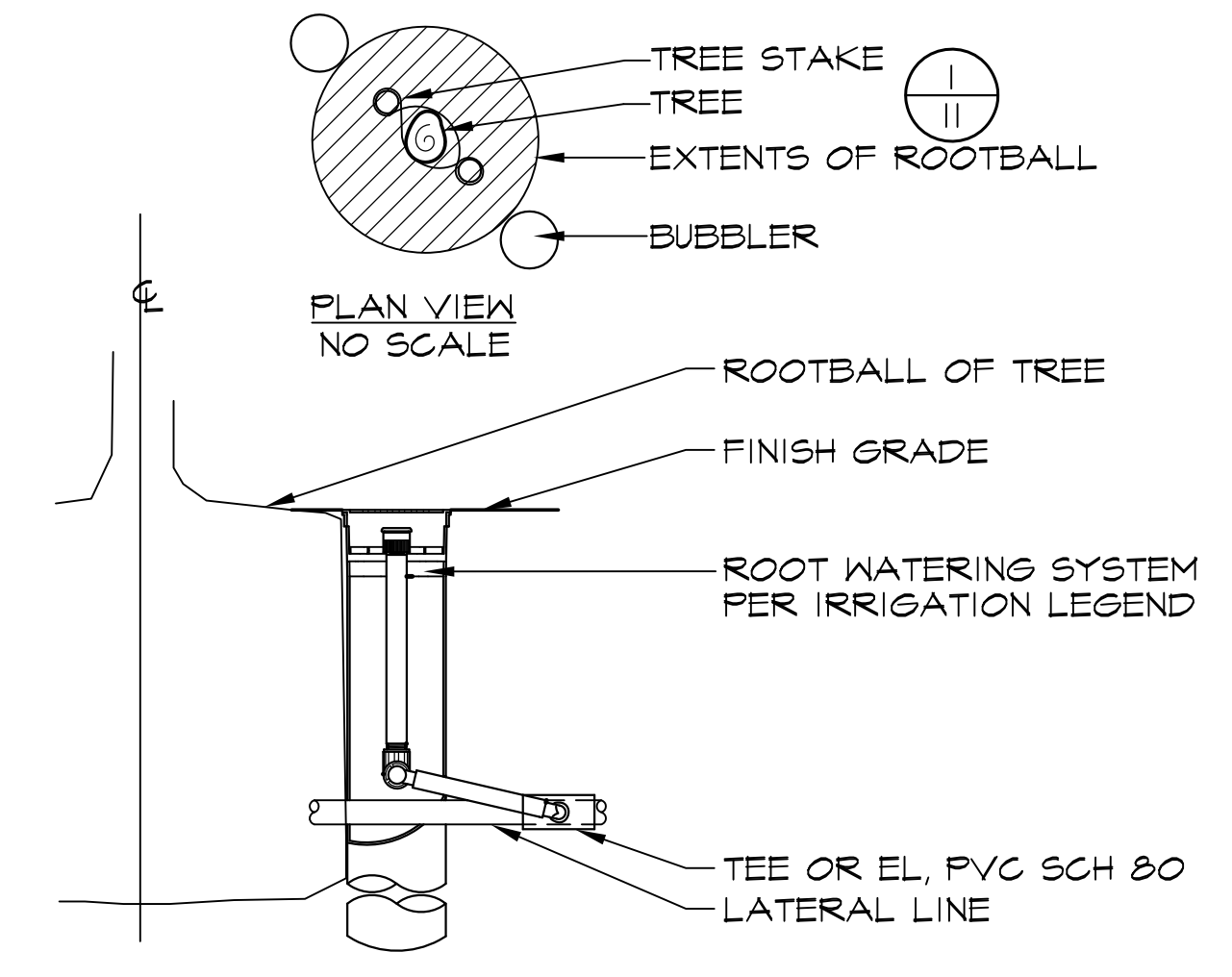


02110cmb45.dwg

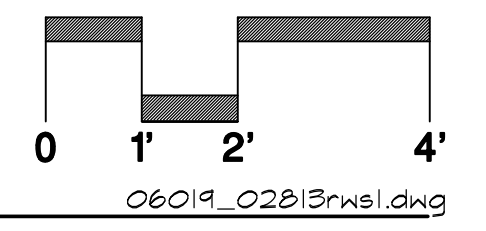


5 REMOTE CONTROL VALVE
15 NTS

02816rcv27.dwg



6 TREE BUBBLER
15 NTS



06019_02813rnel.dwg



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CITY BUILDING PERMIT #

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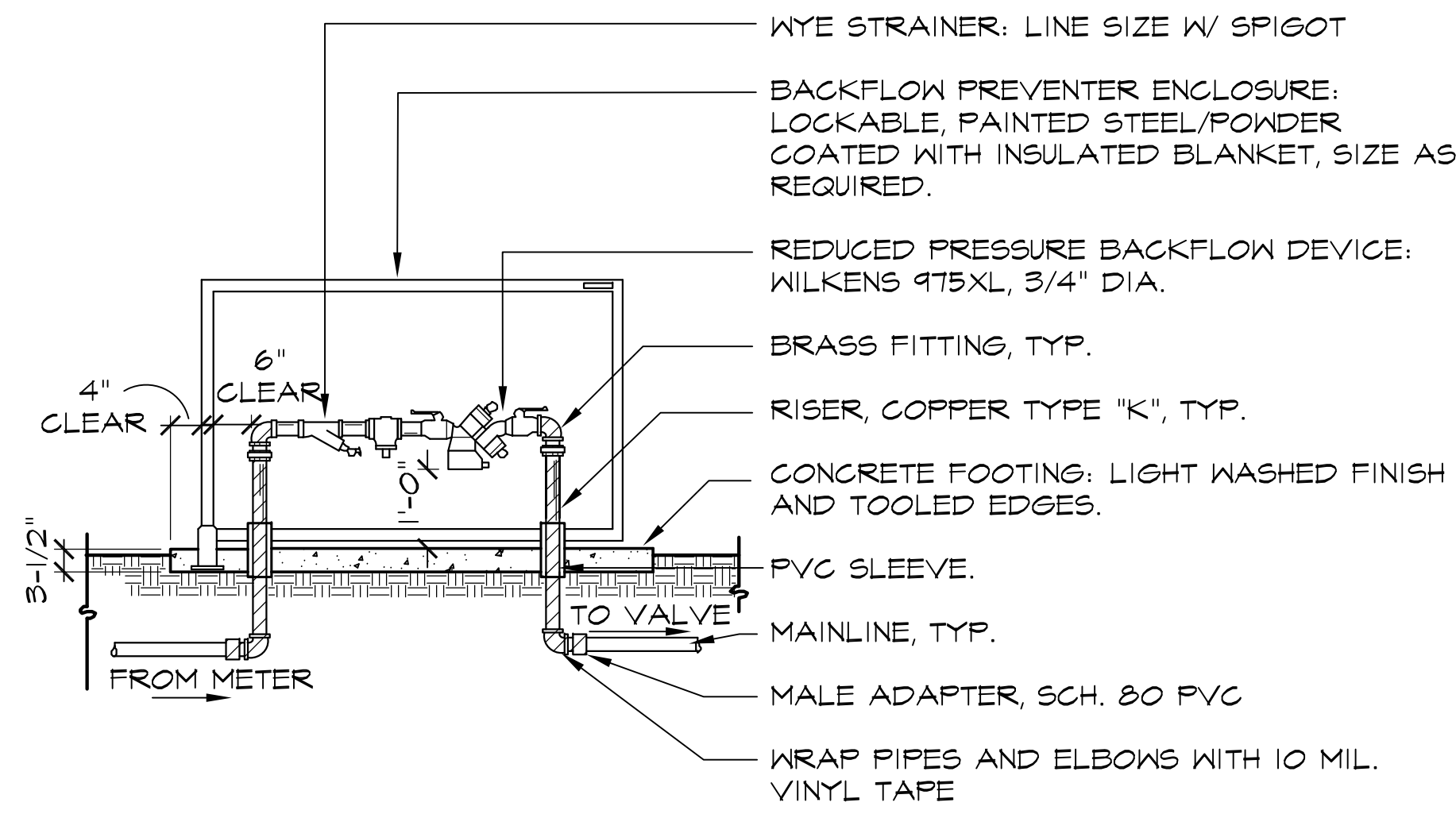
OAKMORE MONTEGO PARK
CONSTRUCTION DETAILS

PUBLIC WORKS DEPARTMENT
CITY OF STOCKTON, CALIFORNIA

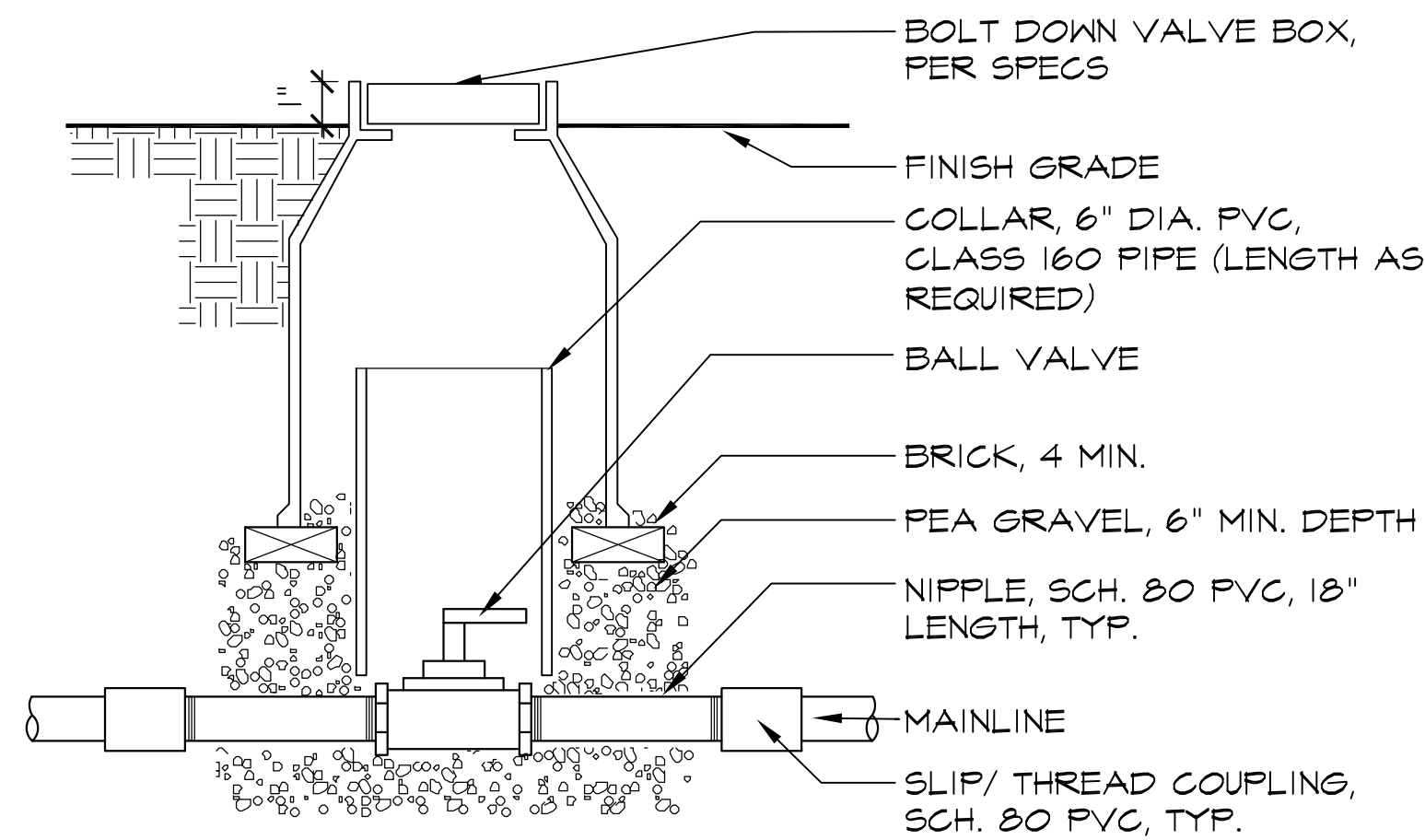
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RECORD DWGS.

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DATE

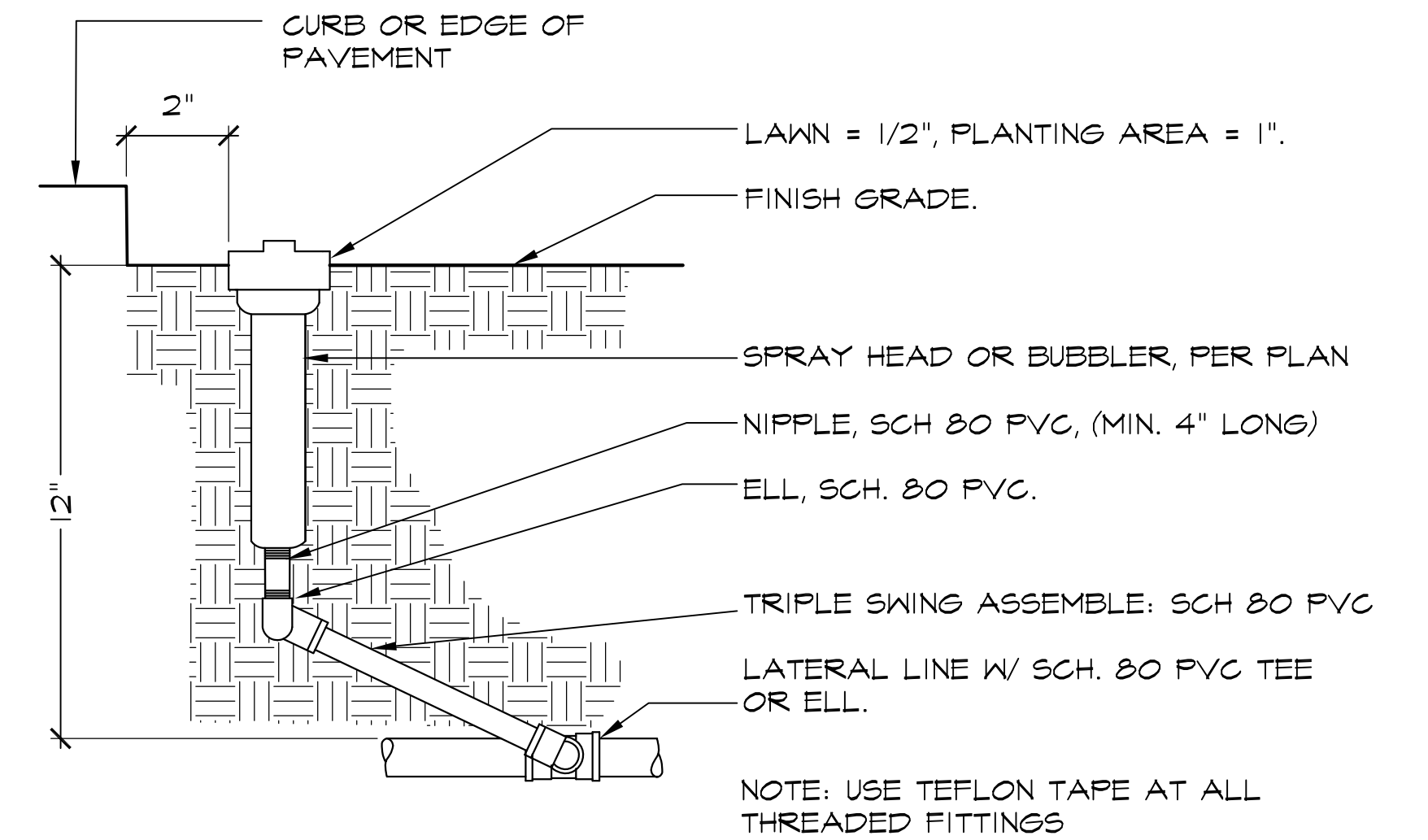
SHEET NO. 15
OF 21 SHEETS
PROJECT NO.



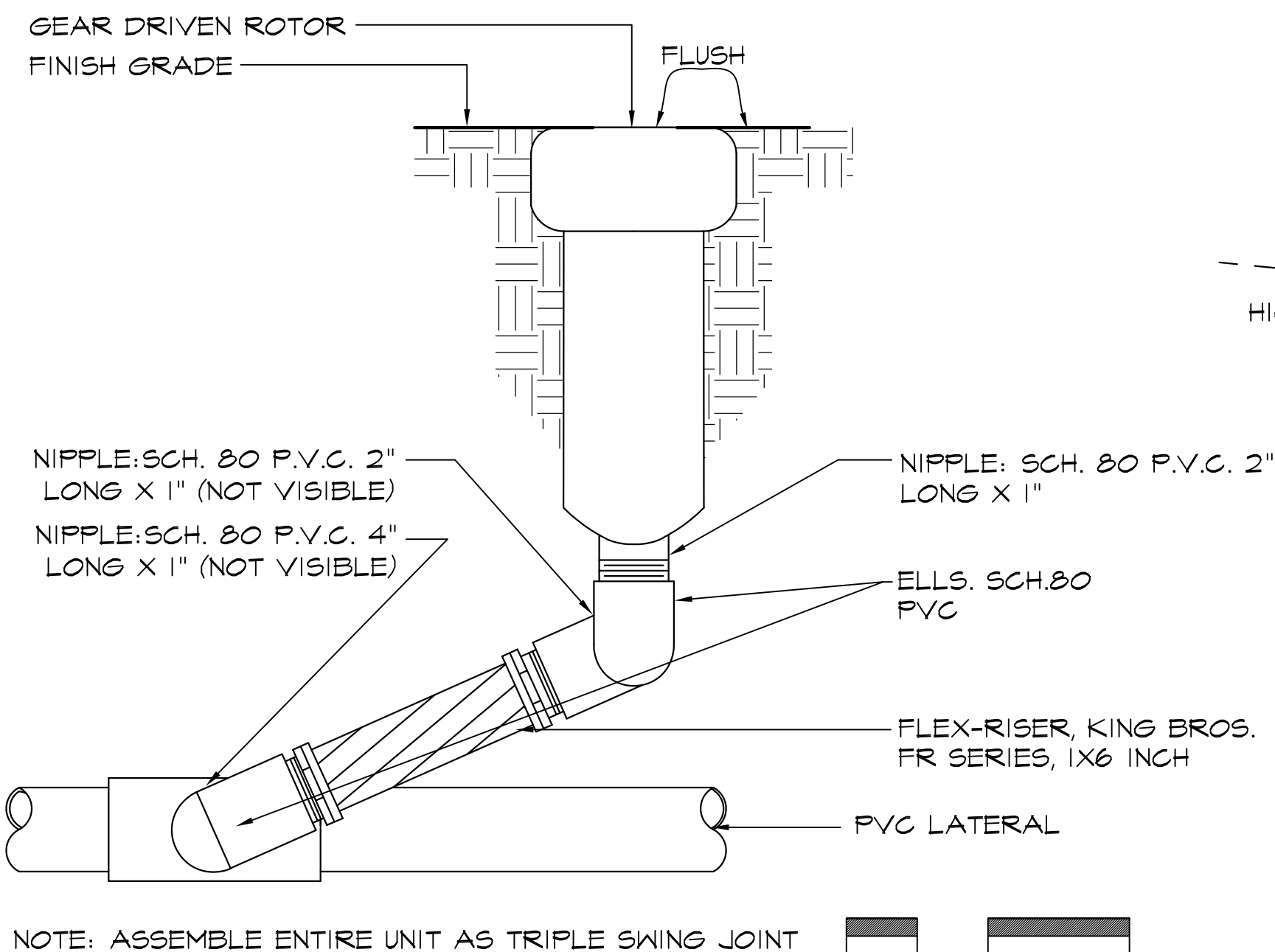
1
16 DOMESTIC BACKFLOW PREVENTER
0 1 2 4'
02815bfp1.dwg



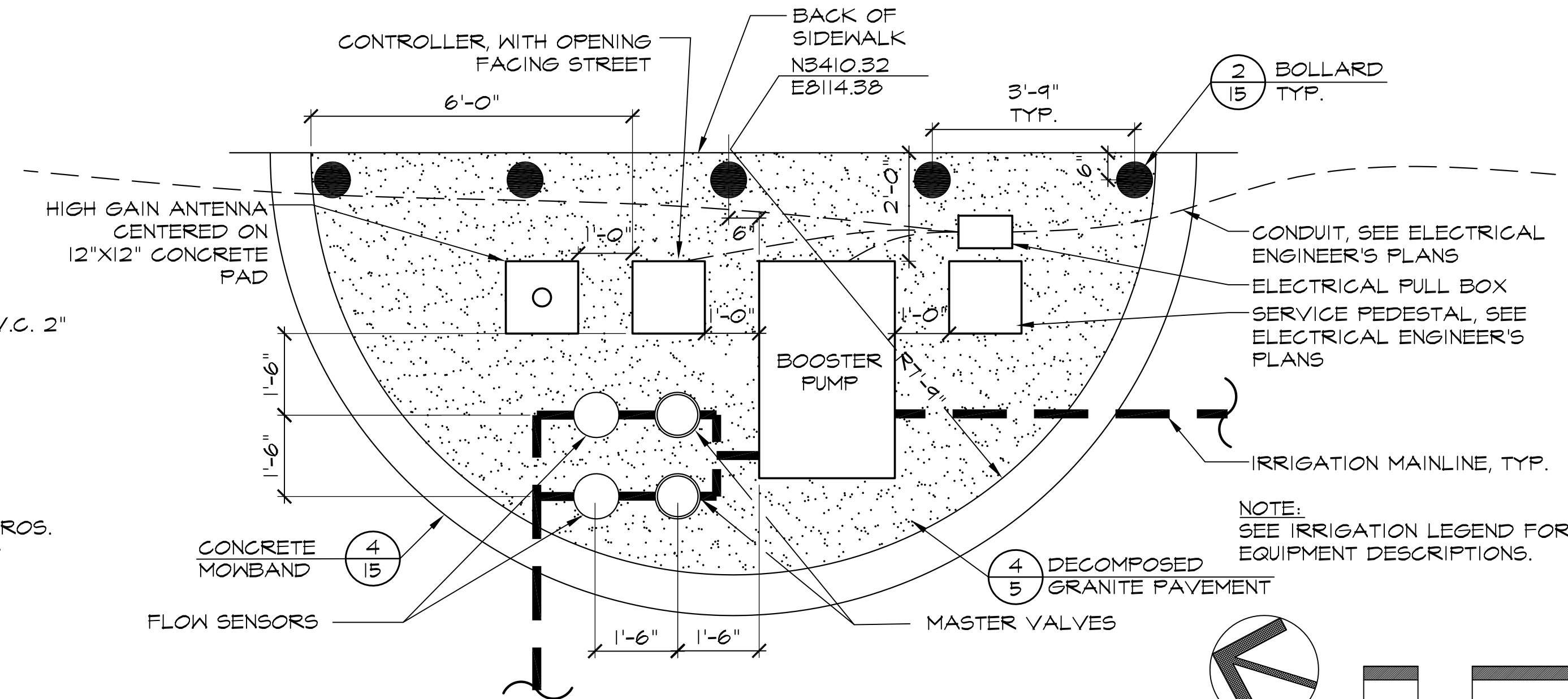
2
16 DOMESTIC BALL VALVE
0 2' 4' 8'
06019_02816gy1.dwg



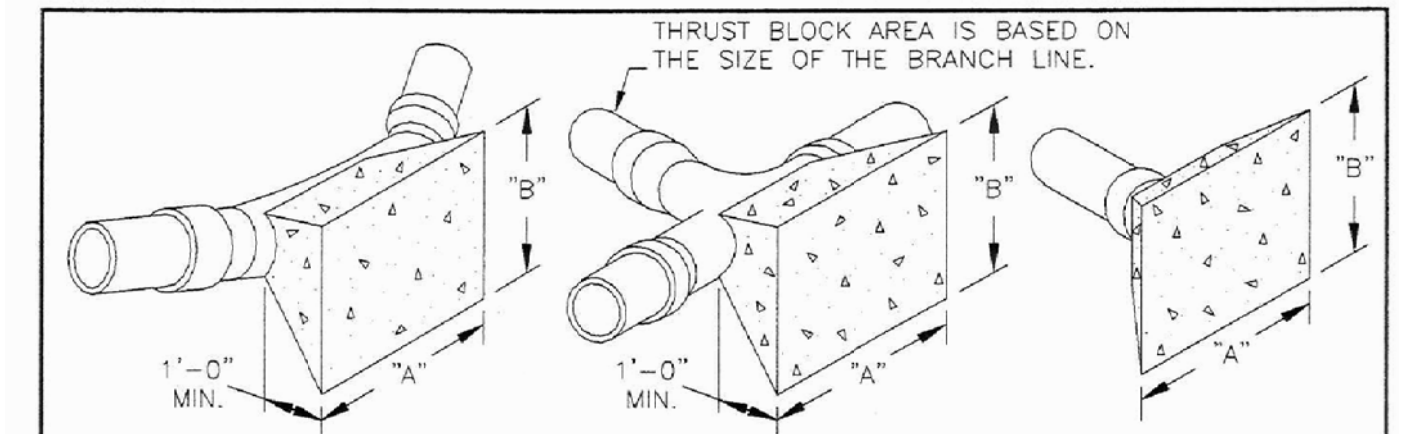
3
16 SPRAY HEAD
0 1/2' 1' 2'
02818spht1.dwg



4
16 ROTOR HEAD
0 1/2' 1' 2'
02811tr1.dwg



5
16 IRRIGATION EQUIPMENT ENLARGEMENT
0 1 2 4'
NORTH



FITTINGS	THRUST BLOCK AREA REQUIRED	
	ALLOWABLE SOIL BEARING VALUE 1000 LBS. PER SQ. FT.	
6" LINE OR SMALLER	"A"	"B"
22 1/2"	1'-6"	1'-6"
45"	2'-0"	2'-0"
90"	3'-0"	2'-6"
TEE OUTLET	2'-6"	2'-0"
DEAD END	2'-6"	2'-0"
8" LINE		
22 1/2"	2'-0"	2'-0"
45"	3'-0"	2'-6"
90"	4'-0"	3'-0"
TEE OUTLET	3'-0"	3'-0"
DEAD END	3'-0"	3'-0"
10" LINE		
22 1/2"	3'-0"	2'-0"
45"	3'-6"	3'-0"
90"	5'-0"	4'-0"
TEE OUTLET	4'-0"	3'-6"
DEAD END	4'-0"	3'-6"
12" LINE		
22 1/2"	3'-0"	3'-0"
45"	4'-0"	4'-0"
90"	7'-0"	4'-0"
TEE OUTLET	5'-0"	4'-0"
DEAD END	5'-0"	4'-0"

NOTES:
1. ALL THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED SOIL.
2. RESTRAINT SYSTEM FOR VERTICAL PIPE BENDS SHALL BE APPROVED BY THE CITY ENGINEER.
3. THRUST RESTRAINT SYSTEMS FOR PIPES LARGER THAN 12" SHALL BE DESIGNED ON A CASE BY CASE BASIS AND SHALL BE APPROVED BY THE CITY ENGINEER.

REV. NO. 3 REV. DATE 10/27/93 REV. BY SA
DIGITIZED 1/1/92
DWC. BY RC SCALE
CK. BY NONE

THRUST BLOCK DETAILS
CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS

REVISION APPROVED BY CITY ENGINEER
Anton J. Oberg
DATE: 01/09/02
SUPERSEDES DATE: 7/1/89
DRAWING NO. 100

6
16 THRUST BLOCK
CITY OF STOCKTON DETAIL NO. 100



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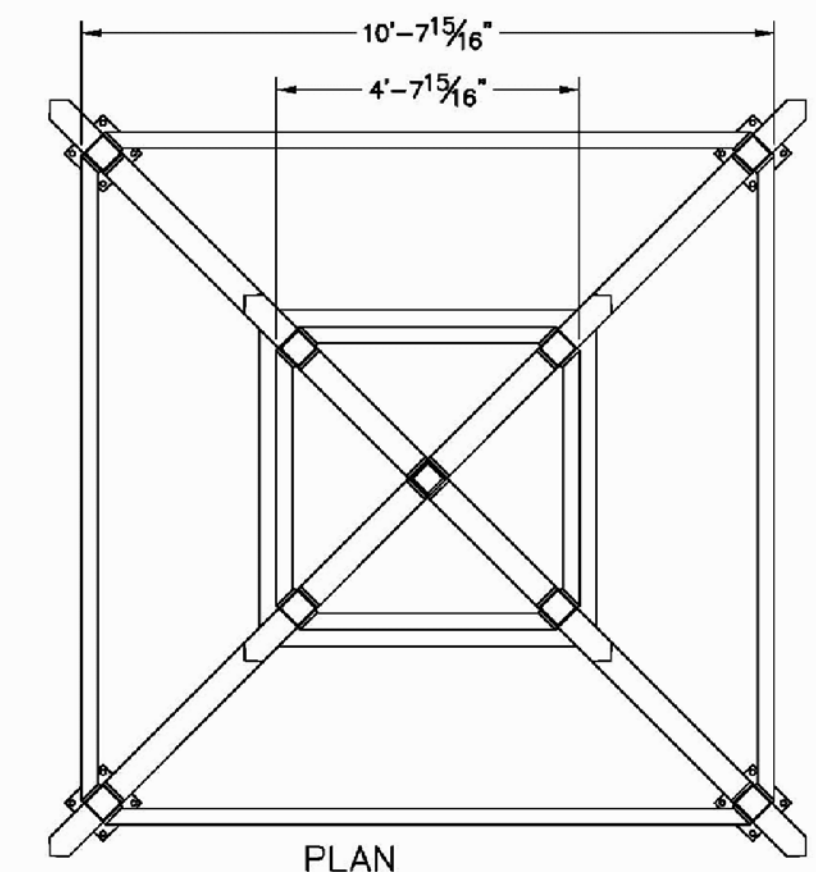
OAKMORE MONTEGO PARK
CONSTRUCTION DETAILS

PUBLIC WORKS DEPARTMENT
CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN
DESIGNED BY ES/VM
DRAWN BY JRT
CHECKED BY ES
RECORD DWGS.

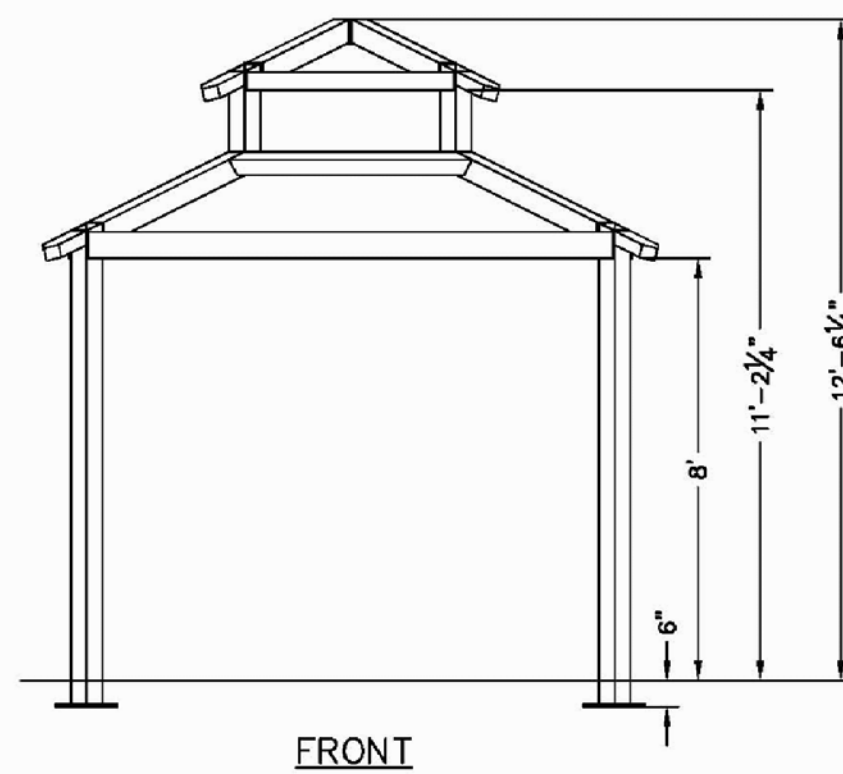
APPROVED BY: 11/28/11
DATE

SHEET NO. 16
OF 21 SHEETS
PROJECT NO.

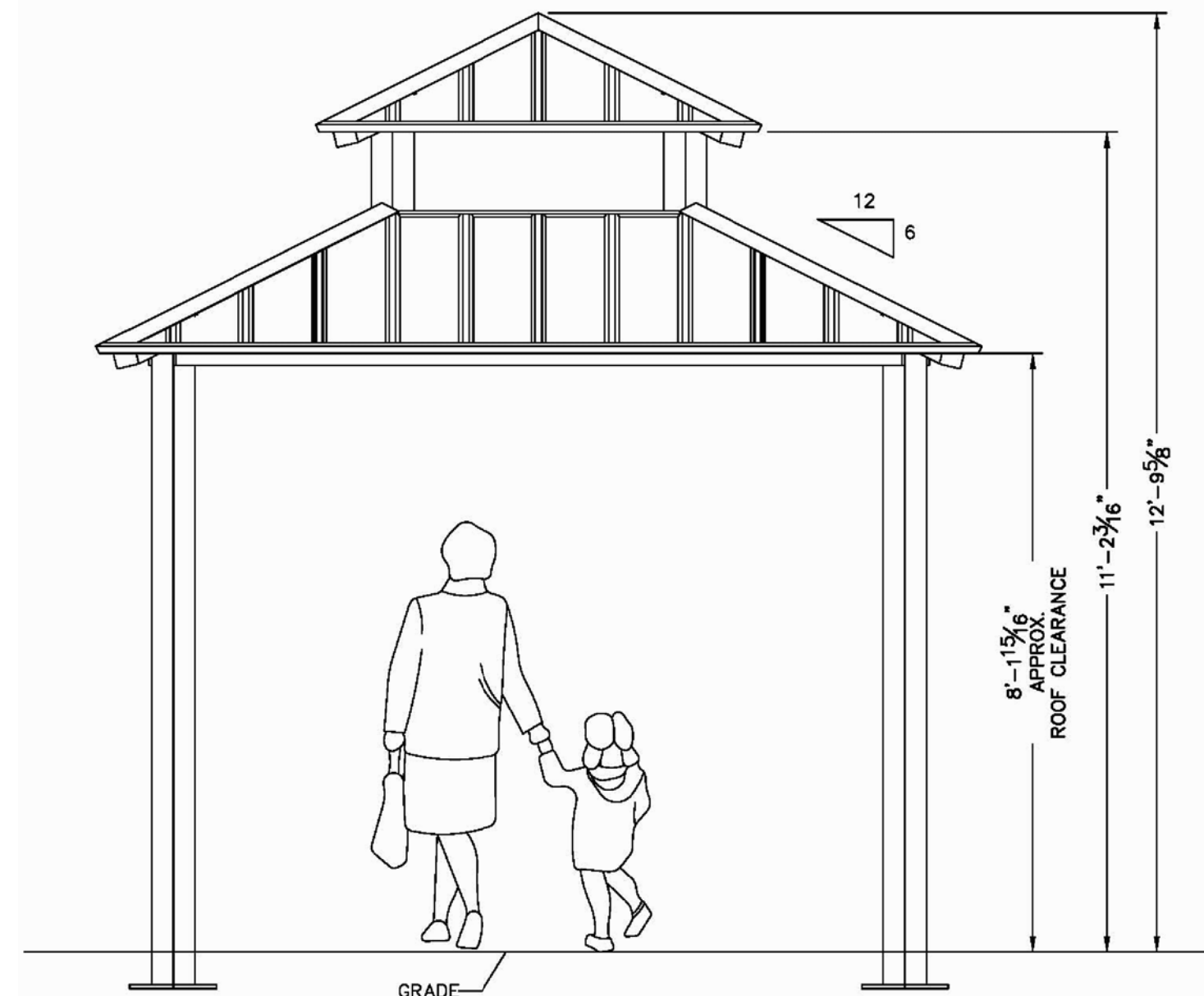


ALL STRUCTURAL COMPONENTS WILL BE:
 TUBE: ASTM A500 GRADE B
 PLATE: ASTM A36
 BOLTS: ASTM A325
 NUTS: ASTM A563
 WELDING: GMAW

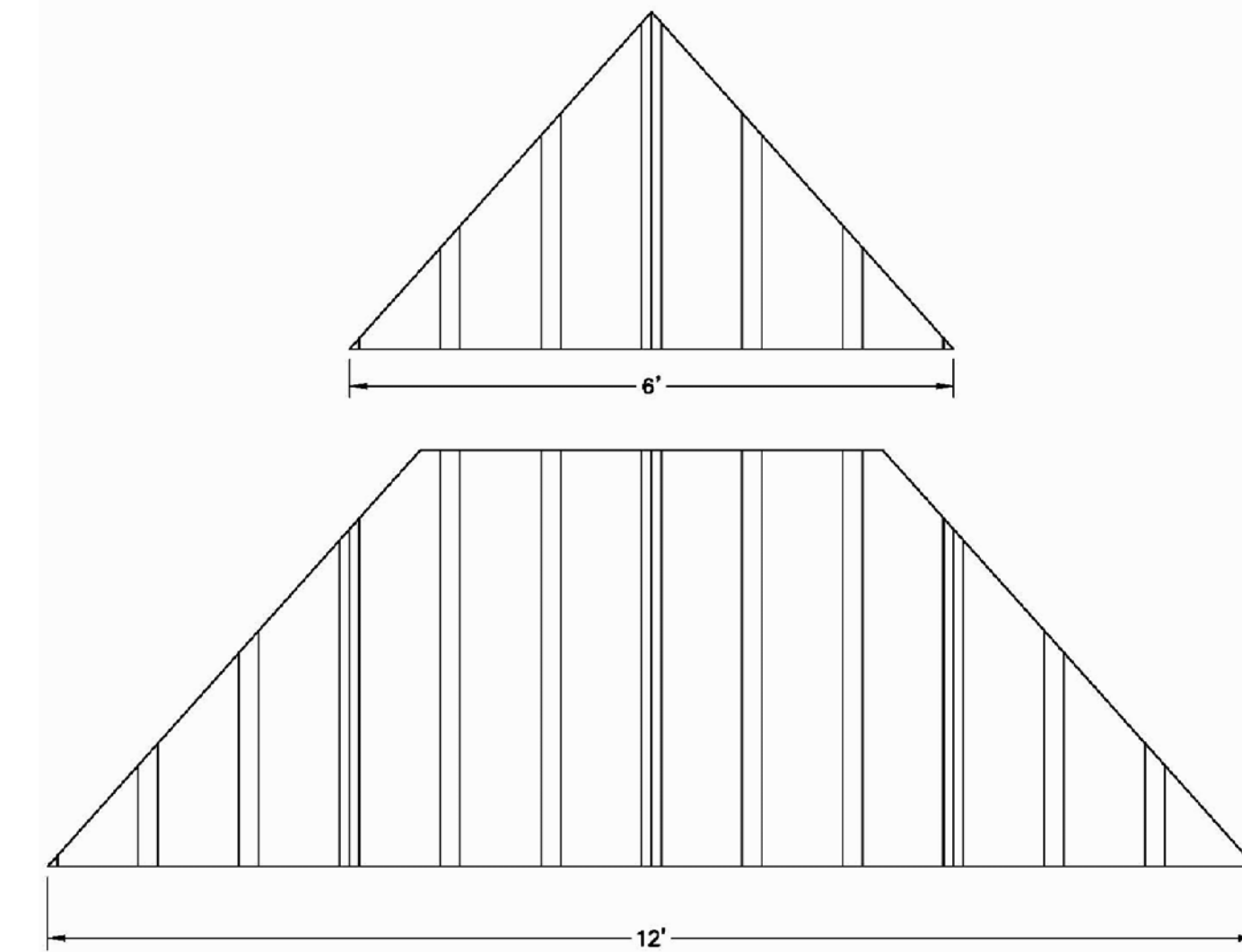
NOTE:
 COLUMN SIZE: HSS5X5X0.1875



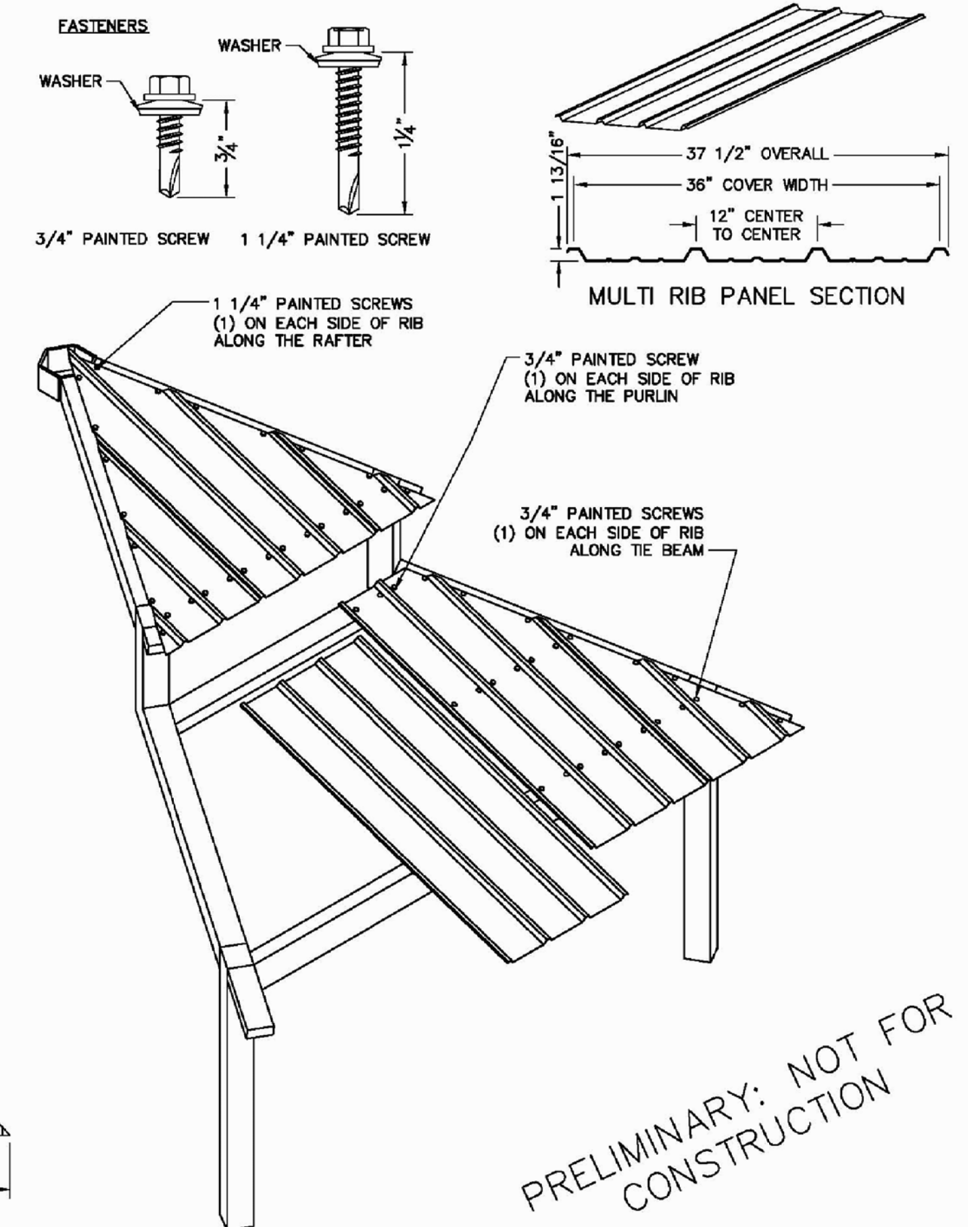
1 SHADE SHELTER
17 N.T.S.



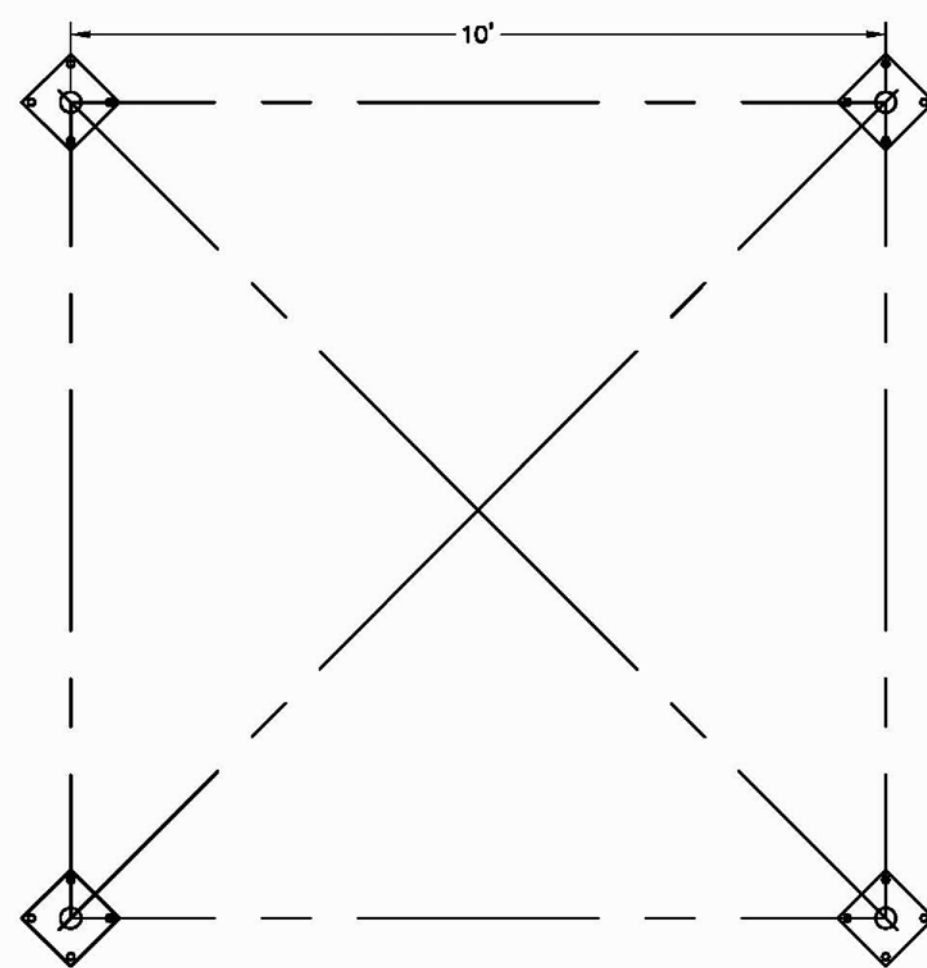
2 SHADE SHELTER - ELEVATION
17 N.T.S.



3 SHADE SHELTER - ROOF LAYOUT
17 N.T.S.



PRELIMINARY: NOT FOR CONSTRUCTION



ANCHOR BOLT LAYOUT

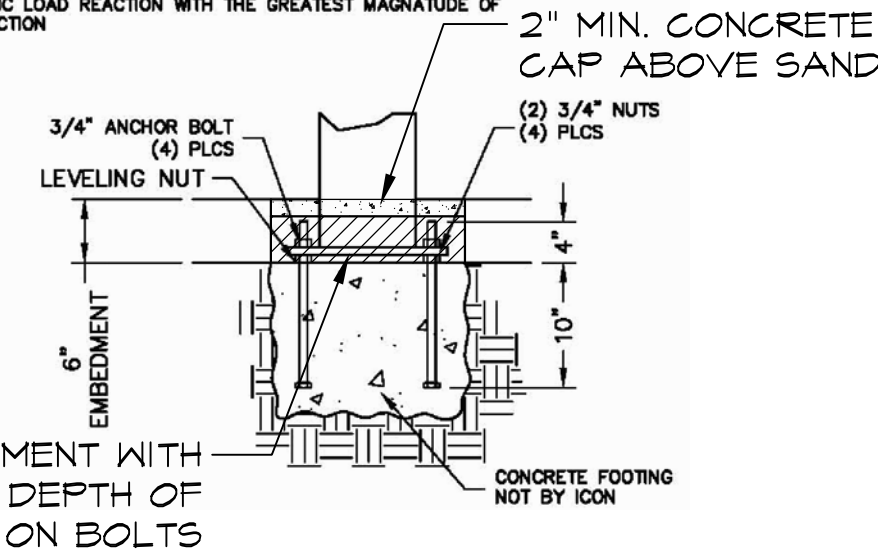
4 SHADE SHELTER - FOOTING
17 N.T.S.

LOAD COMBINATION	FOUNDATION LOADS				
	AXIAL (Fx)	SHEAR (Fy)	SHEAR (Fz)	MOMENT (Mx)	MOMENT (My)
DL	0.48	0.00	0.00	0.01	0.00
SL	1.17	0.00	0.00	-0.01	0.00
W-UPLIFT	-0.93	0.14	-0.13	14.82	14.80
W-FY	-0.84	0.14	0.14	-14.80	14.99
W-FZ	-0.93	0.14	-0.13	14.82	14.80
E-FY	0.05	0.16	0.16	-17.74	17.73
E-FZ	0.05	0.16	0.16	-17.74	17.73

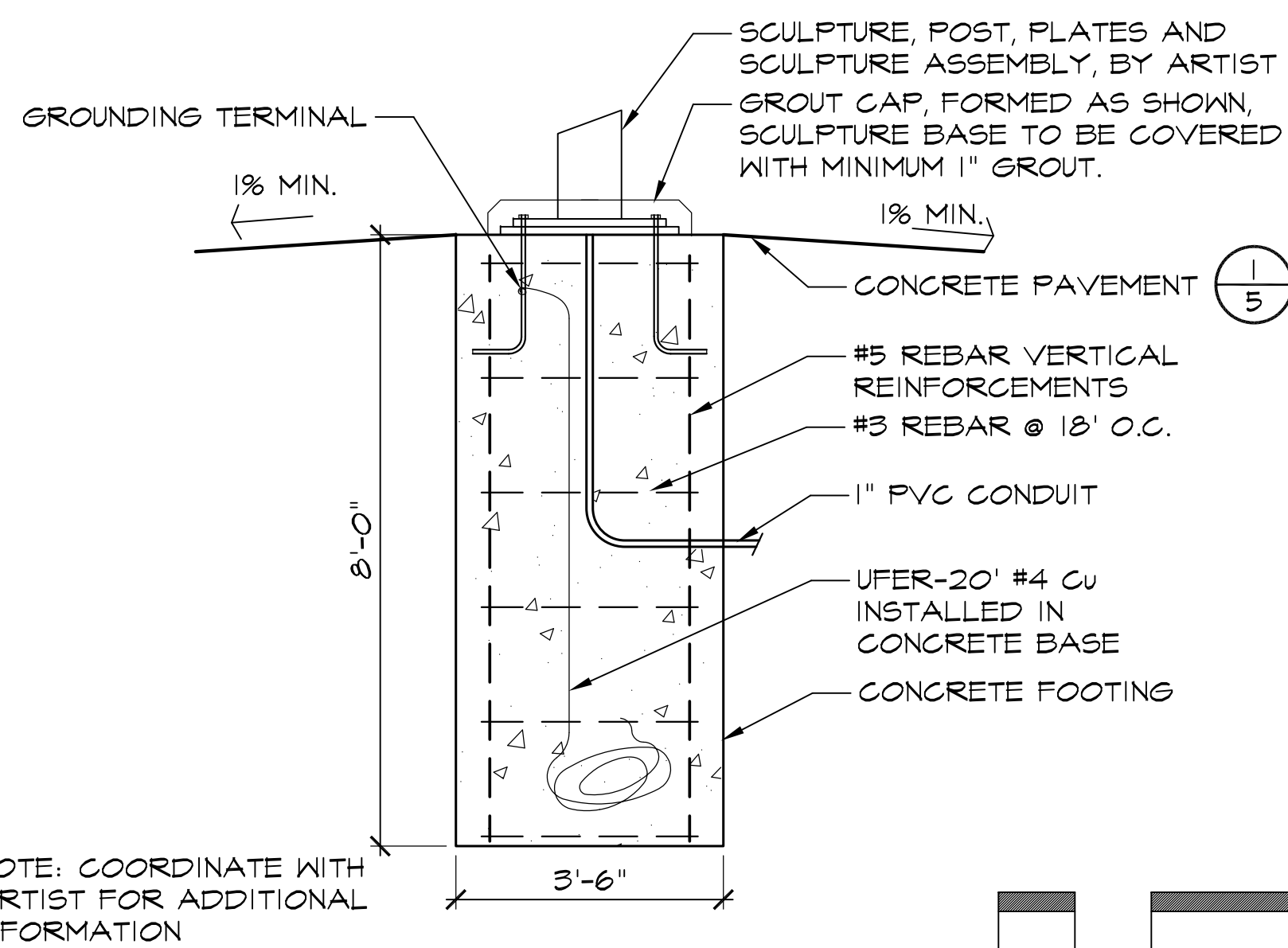
THESE FOUNDATION LOADS ARE FOR ESTIMATING PURPOSE ONLY. THE ACTUAL LOADS WILL BE DETERMINED IN THE FINAL ENGINEERING.

- NOTES:
- TABLE SHOWS UNFACTORED SERVICE LOADS
 - A FOUNDATION DESIGN HAS NOT BEEN PERFORMED BY ICON SHELTER SYSTEMS INC.
 - A LICENSED ENGINEER FAMILIAR WITH SOIL CONDITIONS AT CONSTRUCTION SITE MUST PERFORM A FOUNDATION DESIGN.
 - THE STRUCTURE HAS BEEN ENGINEERED AS AN OPEN STRUCTURE.
 - CONSULT ICON SHELTER SYSTEMS INC. IF THE STRUCTURE IS TO BE ENCLOSED.
 - COORDINATES ARE LOCAL TO THE COLUMN

- DEFINITIONS:
- DL = SERVICE LEVEL DEAD LOAD REACTION WITH THE GREATEST AXIAL LOAD
 - SL = SERVICE LEVEL SNOW LOAD REACTION WITH THE GREATEST AXIAL LOAD
 - W-UPLIFT = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST UPLIFT LOAD
 - W-FY = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION
 - W-FZ = SERVICE LEVEL WIND LOAD REACTION WITH THE GREATEST SHEAR VALUE ACTING IN THE SAME DIRECTION AS THE DL SHEAR LOAD
 - E-FY = SERVICE LEVEL SEISMIC LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Y DIRECTION
 - E-FZ = SERVICE LEVEL SEISMIC LOAD REACTION WITH THE GREATEST MAGNITUDE OF SHEAR IN THE LOCAL Z DIRECTION



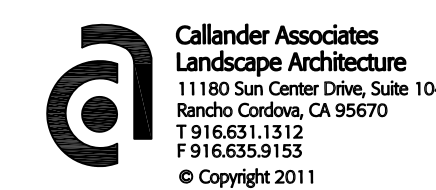
FILL EMBEDMENT WITH SAND TO DEPTH OF THREADS ON BOLTS



NOTE: COORDINATE WITH ARTIST FOR ADDITIONAL INFORMATION

5 PUBLIC ART PIECE FOOTING
17 N.T.S.

NOTE: ALL DETAILS ON THIS SHEET ARE PRELIMINARY ONLY AND ARE FOR BIDDING PURPOSES ONLY. DETAILS ON THIS SHEET ARE NOT TO BE USED FOR CONSTRUCTION. COORDINATE WITH THE SHADE SHELTER MANUFACTURER AND THE ARTIST FOR SIGNED SHOP DRAWINGS.



BID SUBMITTAL 11 / 17 / 11
 CA PROJECT NO. 06019
 CITY BUILDING PERMIT #

Revision No.	Description	Date	By	Appr. By

OAKMORE MONTEGO PARK
 CONSTRUCTION DETAILS

PUBLIC WORKS DEPARTMENT
 CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN
 DESIGNED BY ES/VM
 DRAWN BY JRT
 CHECKED BY ES
 RECORD DWGS.

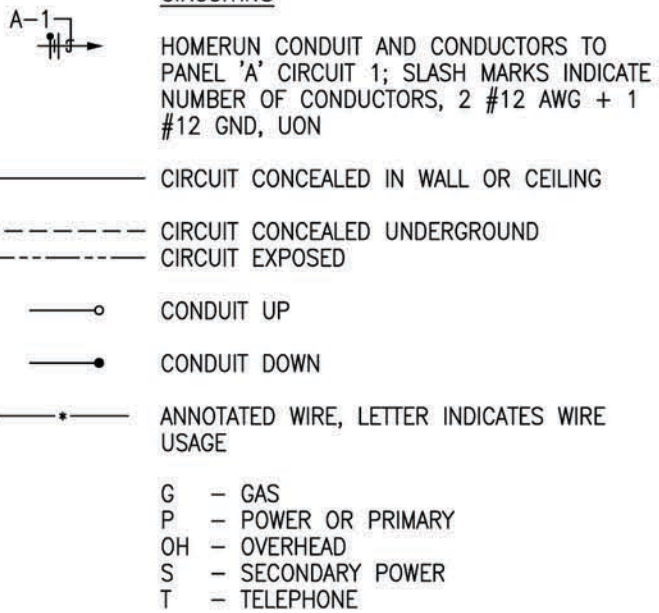
APPROVED BY: 11/28/11
 DATE

SHEET NO. 17
 OF 21 SHEETS

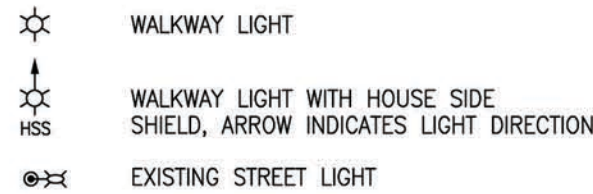
PROJECT NO.

LEGEND

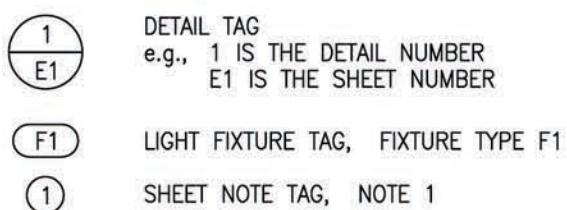
CIRCUITING



FIXTURES



TAGS



ABBREVIATIONS

A	AMPERE	MH	METAL HALIDE
AFF	ABOVE FINISHED FLOOR	MPOE	MAIN POINT OF ENTRY
AWG	AMERICAN WIRE GAUGE	N	NEW
BC	BARE COPPER	PB	PULL BOX
CB	CIRCUIT BREAKER	PC	PHOTOCONTROL
C	CONDUIT	POC	POINT OF CONNECTION
C1	CONTACTOR #1	PP	POWER POLE
CL	CENTER LINE	PVC	POLYVINYLCHLORIDE
CKT	CIRCUIT	R	REMOVE
CO	CONDUIT ONLY	SCH	SCHEDULE
DIA	DIAMETER	SLD	SEE LANDSCAPE DRAWINGS
E	EXISTING TO REMAIN	SP	SERVICE PEDESTAL
F	FOOTCANDLES	TS	TIME SWITCH
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TBD	TO BE DETERMINED
GND	GROUND	TPB	TELEPHONE PULL BOX
HPS	HIGH PRESSURE SODIUM	UON	UNLESS OTHERWISE NOTED
HP	HORSE POWER	V	VOLT
IESNA	ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA	VFD	VARIABLE FREQUENCY DRIVE
JP	JOINT POLE	W	WATT
KAIC	KILOAMPERES INTERRUPTING CAPACITY	WP	WEATHERPROOF
L	LENGTH	XFMR	TRANSFORMER

LIGHT FIXTURE SCHEDULE						
TYPE	DESCRIPTION	MANUFACTURER'S CATALOG NO.	MOUNTING	VOLT.	LAMPS	REMARKS
F1	ACORN POLE TOP LIGHT FIXTURE, TYPE III DISTRIBUTION IN STOCKTON GREEN *	KING LUMINAIRE #K118-EAR-III-150(MOG)-HPS-240(MT)-K12 (FIXTURE) # KM13-6-E53-BP-C/W-140-35/35 (POLE), MEMPHIS BASEPLATE	POLE	240	150W HPS	WALKWAY LIGHT
F2	ACORN POLE TOP LIGHT FIXTURE, TYPE III DISTRIBUTION WITH HOUSE SIDE SHIELD, IN STOCKTON GREEN *	KING LUMINAIRE #K118-EAR-III-150(MOG)-HPS-240(MT)-K12-HSS (FIXTURE) # KM13-6-E53-BP-C/W-140-35/35 (POLE), MEMPHIS BASEPLATE	POLE	240	150W HPS	WALKWAY LIGHT
F3	ACORN POLE TOP LIGHT FIXTURE, TYPE V DISTRIBUTION IN STOCKTON GREEN *	KING LUMINAIRE #K118-EAR-V-150(MOG)-HPS-240(MT)-K12 (FIXTURE) # KM13-6-E53-BP-C/W-140-35/35 (POLE), MEMPHIS BASEPLATE	POLE	240	150W HPS	WALKWAY LIGHT

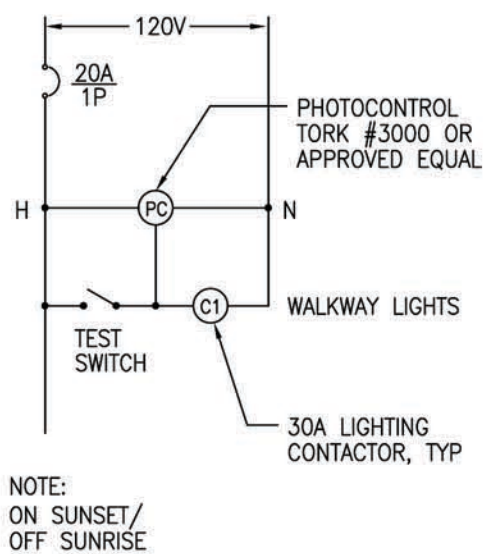
GENERAL NOTES:

- WALKWAY LIGHTING SHALL MEET CITY OF STOCKTON CRITERIA OF 0.5FC MINIMUM AT HORIZONTAL ILLUMINATION AND IESNA RECOMMENDATION OF 0.5FC AVERAGE AT VERTICAL ILLUMINATION FOR PEDESTRIAN SAFETY. SUBMITTALS SHALL INCLUDE PHOTOMETRIC STUDIES SHOWING THESE REQUIREMENTS ARE MET
- CONTRACTOR SHALL COORDINATE WITH CITY OF STOCKTON, PUBLIC WORKS, OPERATIONS AND MAINTENANCE SUSAN KRIETE MEYER (209)-937-8884 FOR POWERING LIGHTS
- CONTRACTOR SHALL PROVIDE THE INSPECTOR TWO SETS OF MYLAR AS-BUILTS UPON REQUEST FOR POWER

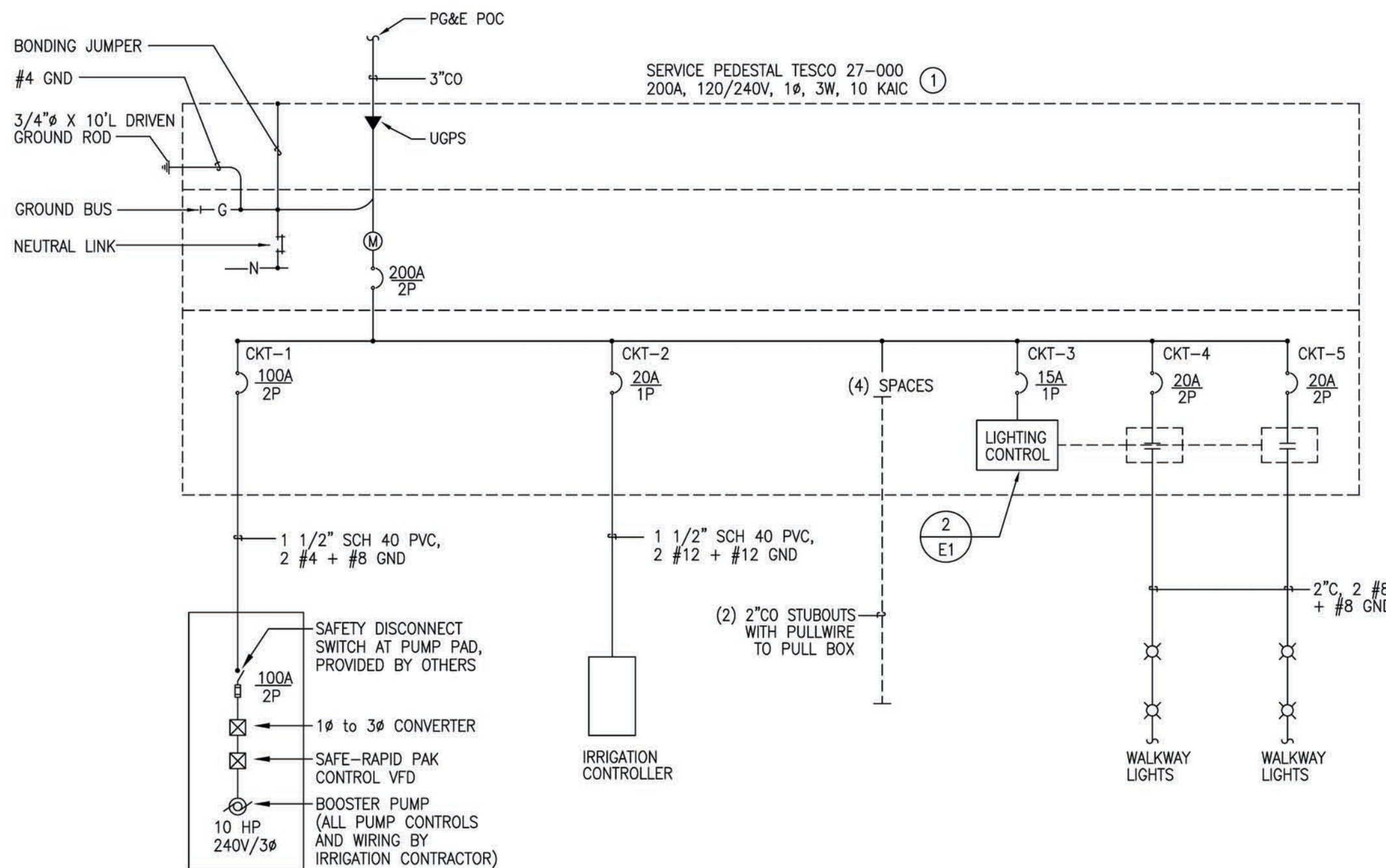
SHEET NOTES:

- ① SHORT CIRCUIT CURRENT RATING SHALL BE VERIFIED WITH PG&E PRIOR TO ORDERING EQUIPMENT

② **TYPICAL LIGHTING CONTROL DIAGRAM**
SCALE: NONE



① **SINGLE LINE DIAGRAM**
SCALE: NONE



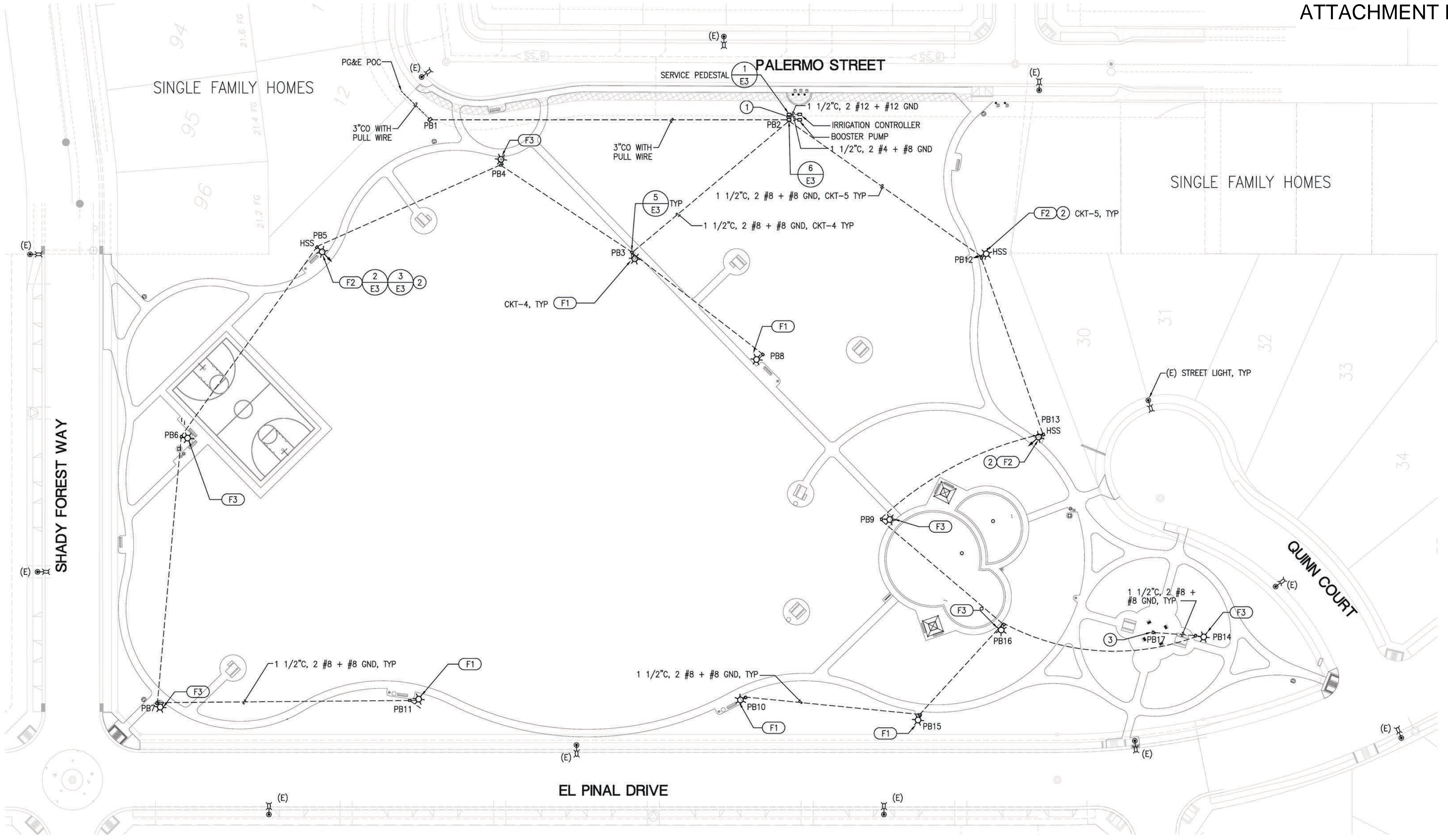
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CA PROJECT NO. 06019
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OAKMORE MONTEGO PARK
LEGEND, FIXTURE SCHEDULE & SINGLE LINE DIAGRAM

PUBLIC WORKS DEPARTMENT CITY OF STOCKTON, CALIFORNIA			
SCALE	AS SHOWN	APPROVED BY: 11/28/11	SHEET NO. E1
DESIGNED BY		DATE	OF 20 SHEETS
DRAWN BY			
CHECKED BY			
RECORD DWGS.			

Callander Associates
Landscape Architecture
11180 Sun Center Drive, Suite 104
Rancho Cordova, CA 95670
T 916.631.1312
F 916.635.9153
Peter Callander
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1 ELECTRICAL SITE PLAN
SCALE: 1"=30'-0"

SHEET NOTES:

- ① STUBBED, TAPED, TAGGED, CAPPED (2) 2" CONDUIT AND WIRE FOR FUTURE USE IN PULLBOX. 1 1/2", 2 #8 + #8 GND FOR PATHWAY CIRCUIT
- ② CONTRACTOR TO 'BLACK OUT' HOUSE SIDE 1/2 OF GLOBE PER CITY LANDSCAPE ARCHITECT DIRECTION
- ③ STUBBED, TAPED, TAGGED, CAPPED CONDUIT AND WIRE. FOR FUTURE USE IN PULLBOX.

BID SUBMITTAL 11 / 17 / 11
CA PROJECT NO. 06019
CITY BUILDING PERMIT #

Revision No.	Description	Date	By	Approd. By

OAKMORE MONTEGO PARK
ELECTRICAL SITE PLAN

PUBLIC WORKS DEPARTMENT
CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN
DESIGNED BY
DRAWN BY
CHECKED BY
RECORD DWGS.

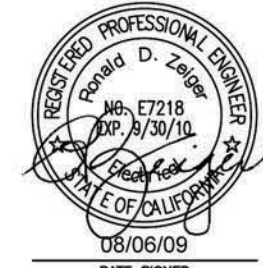
APPROVED BY: 11/28/11
DATE

PARK FACILITY PLANNER / LANDSCAPE ARCHITECT
STOCKTON, CALIFORNIA

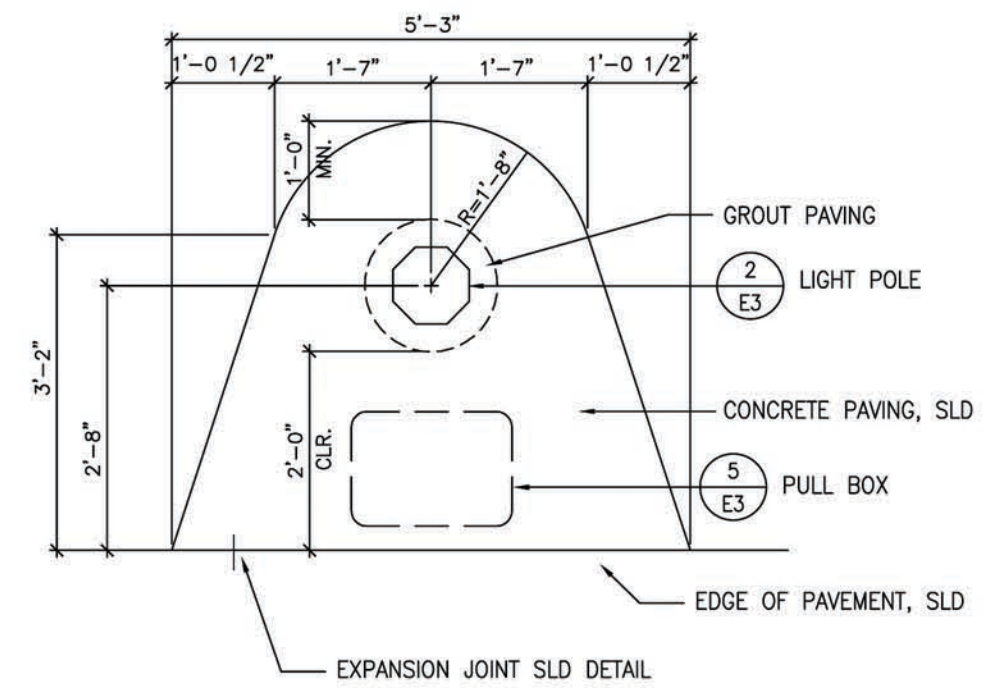
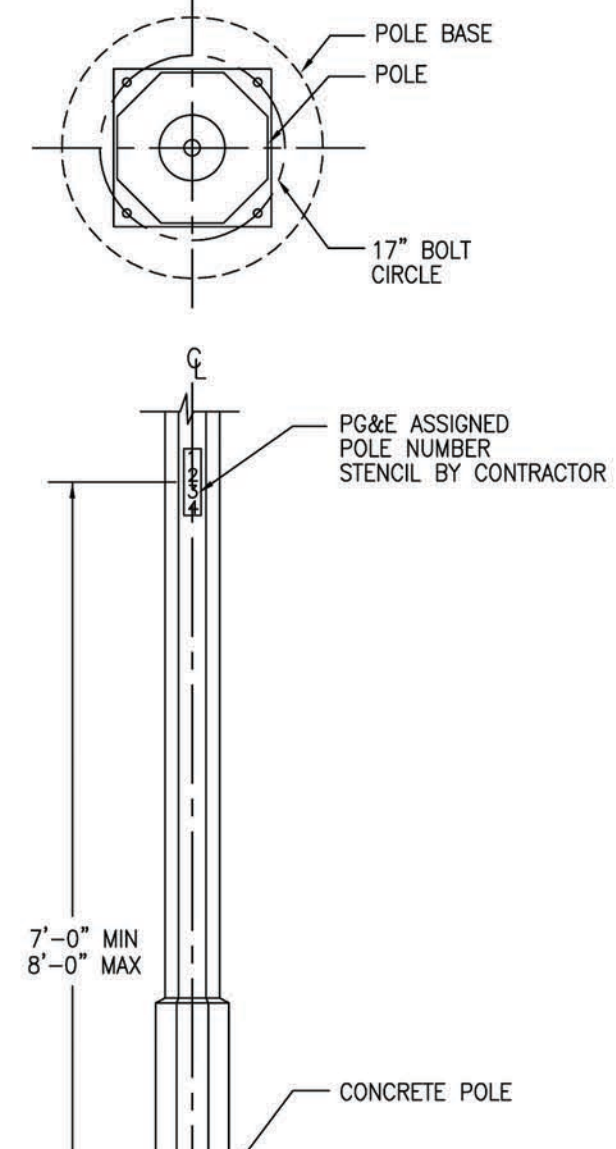
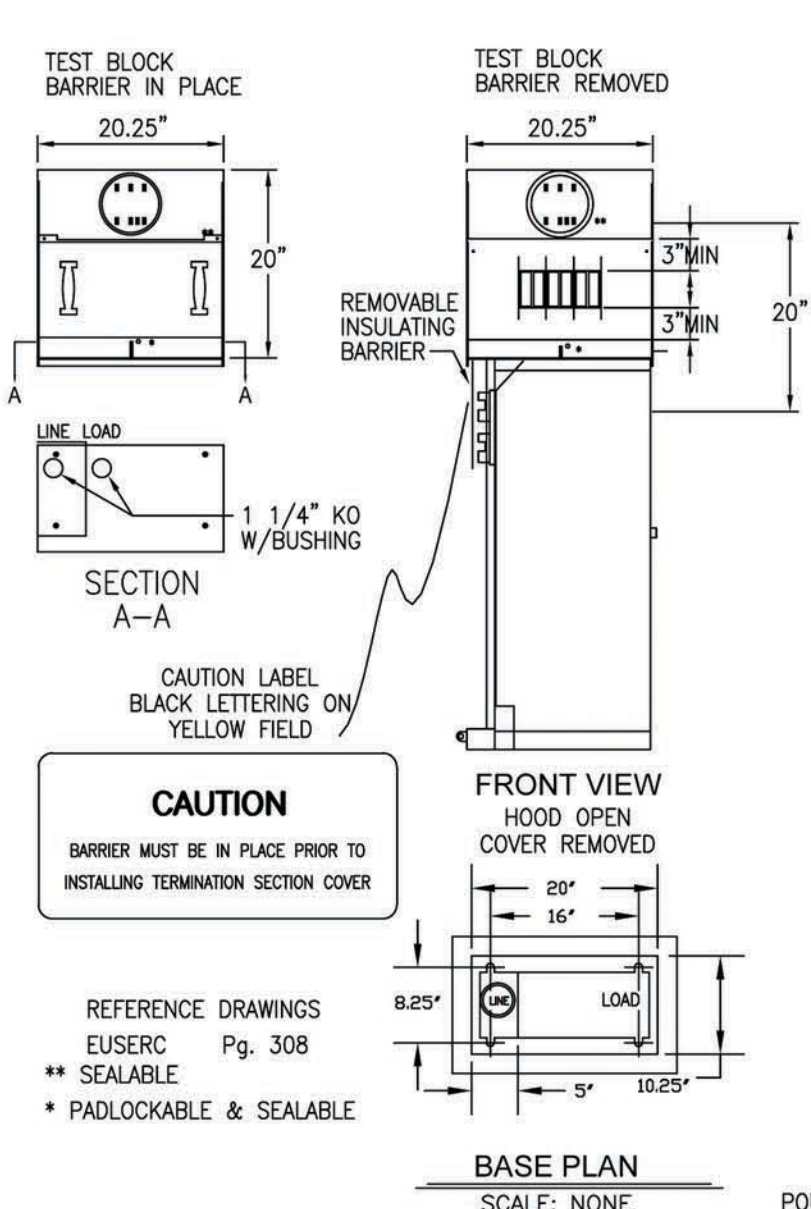
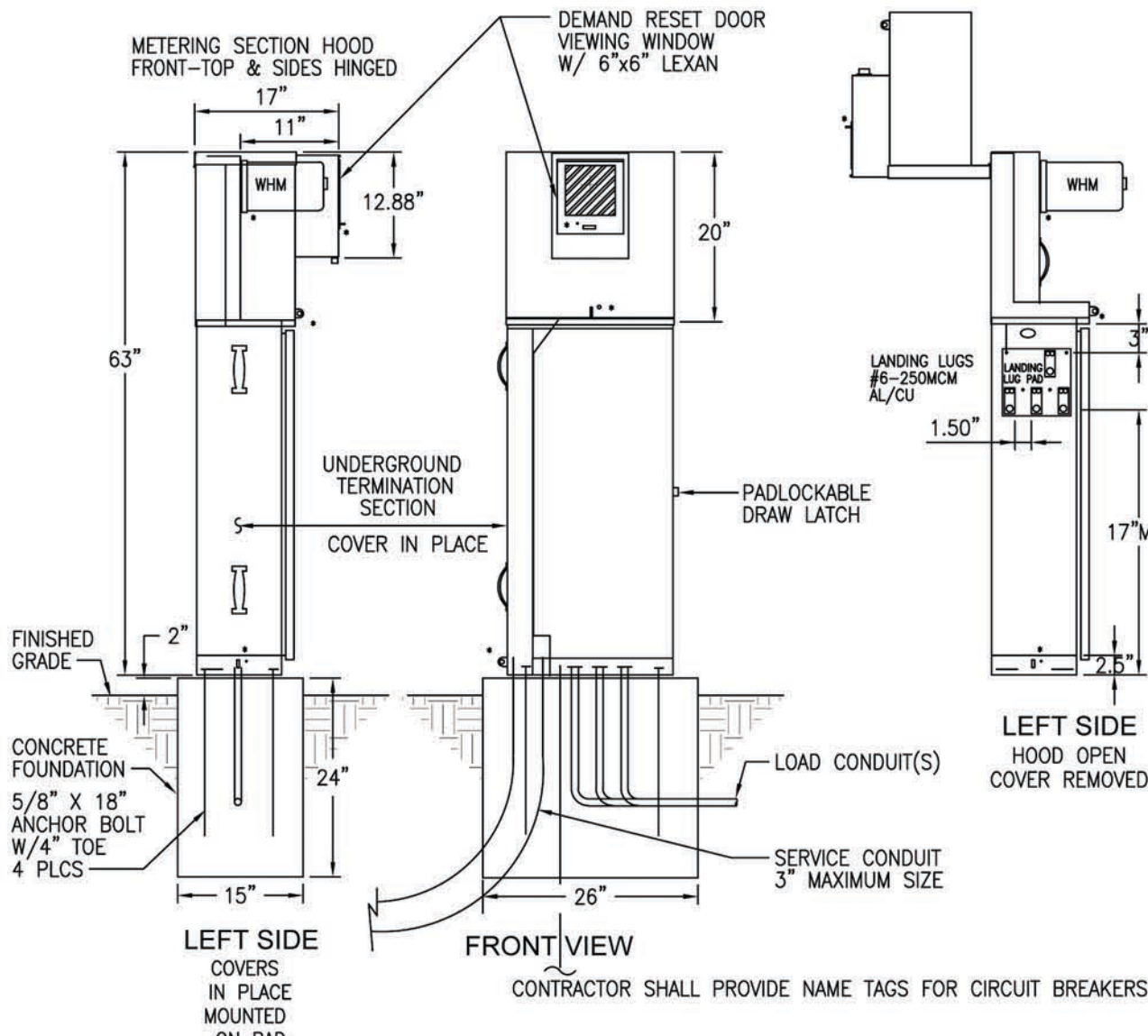
SHEET NO. E2
OF 20 SHEETS
PROJECT NO.



ZEIGER ENGINEERS, INC.
ELECTRICAL CONSULTANTS
478 3RD STREET
OAKLAND, CA 94607
TEL. (510) 452-9391
FAX (510) 452-0661



Callander Associates
Landscape Architecture
11180 Sun Center Drive, Suite 104
Rancho Cordova, CA 95670
T 916.631.1312
F 916.635.9153
Peter Callander
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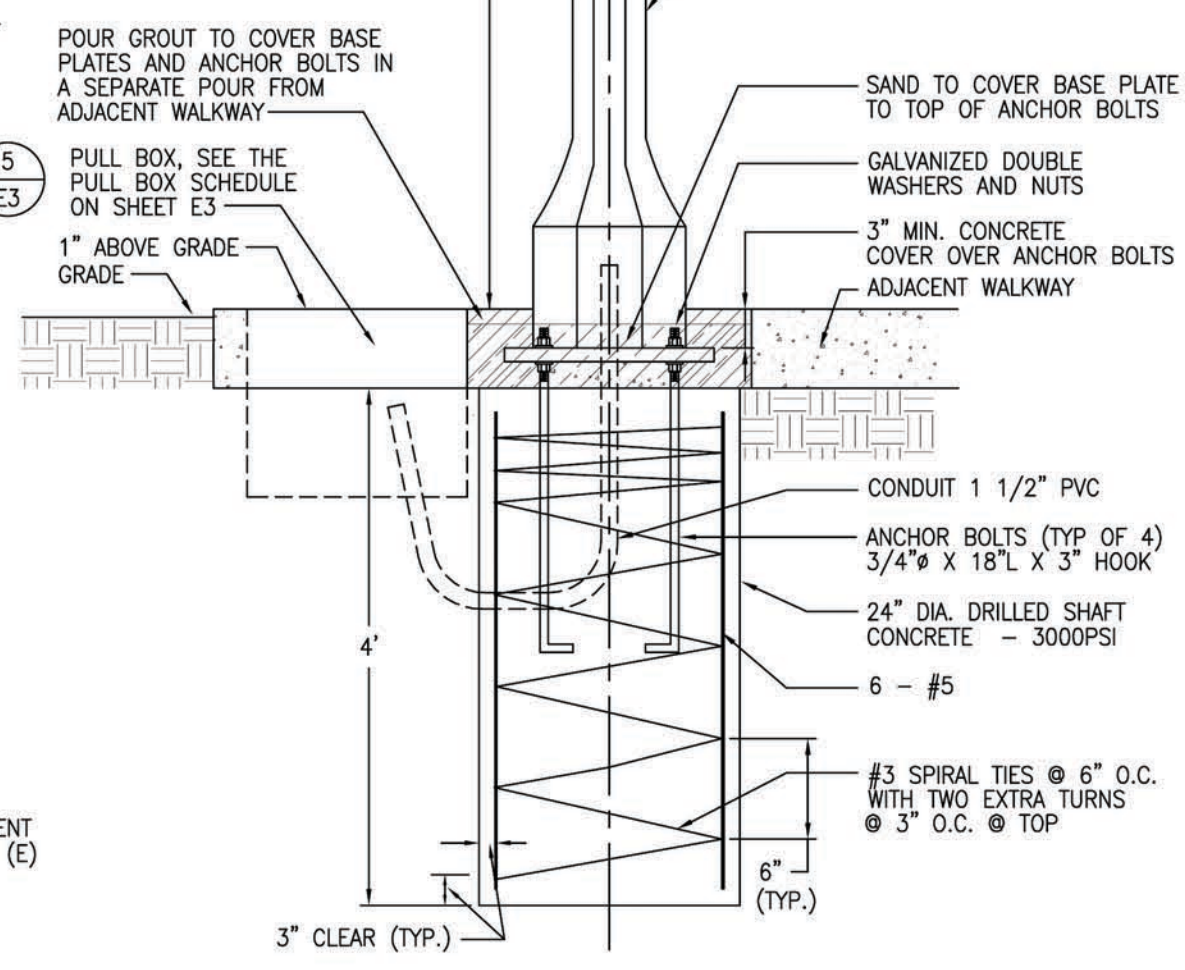
3 LIGHT POLE PAD
SCALE: NONE

TESCO 27-000
ENCLOSURE CONSTRUCTION NOTES

1. FABRICATED FROM 14 GA. ANODIZED ALUMINUM AND INT. 14 GA. COLD ROLLED STEEL ELECTRICALLY WELDED AND REINFORCED WHERE REQUIRED.
2. CONSTRUCTION WILL BE NEMA 3R, RAIN TIGHT.
3. ALL NUTS, BOLTS AND SCREWS WILL BE STAINLESS STEEL.
4. NUTS, BOLTS & SCREWS WILL NOT BE VISIBLE FROM OUTSIDE OF ENCLOSURE.
5. NAMEPLATES WILL BE PROVIDED AS REQUIRED.
6. CONTROL WIRING WILL BE MARKED AT BOTH ENDS BY PERMANENT WIRE MARKERS.
7. A PLASTIC COVERED WIRING DIAGRAM WILL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
8. ENCLOSURE WILL BE FACTORY WIRED AND CONFORM TO REQUIRED NEMA STANDARDS.

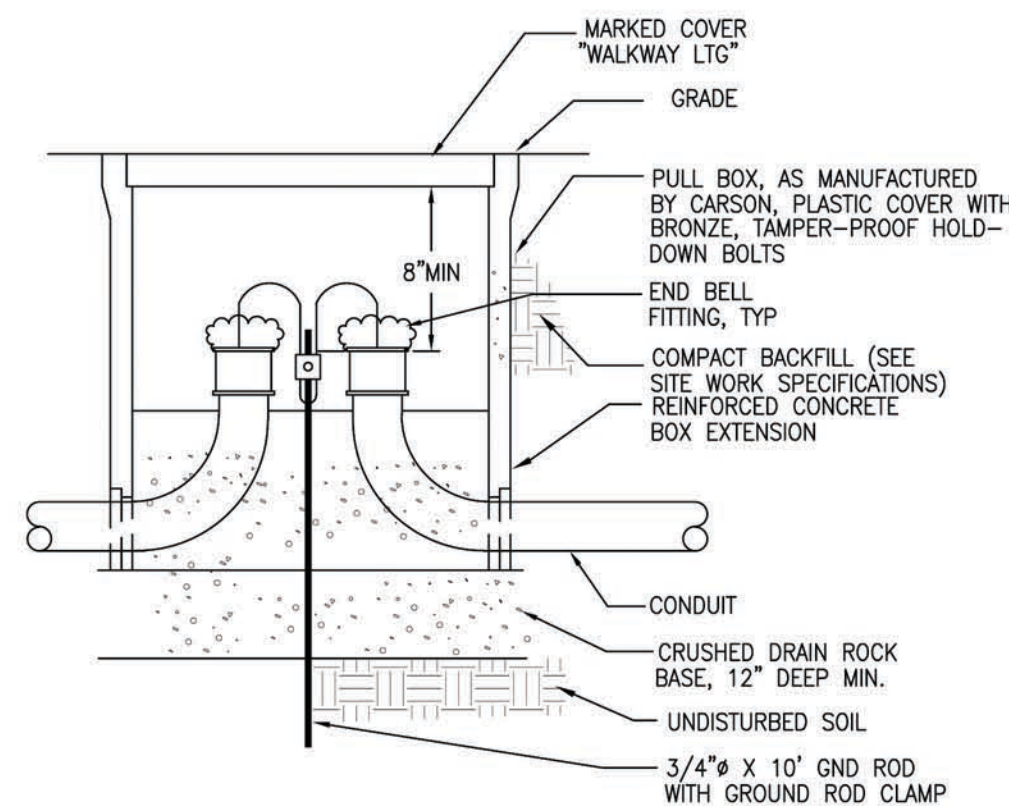
CAUTION
BARRIER MUST BE IN PLACE PRIOR TO INSTALLING TERMINATION SECTION COVER

REFERENCE DRAWINGS
EUSERC Pg. 308
** SEALABLE
* PADLOCKABLE & SEALABLE

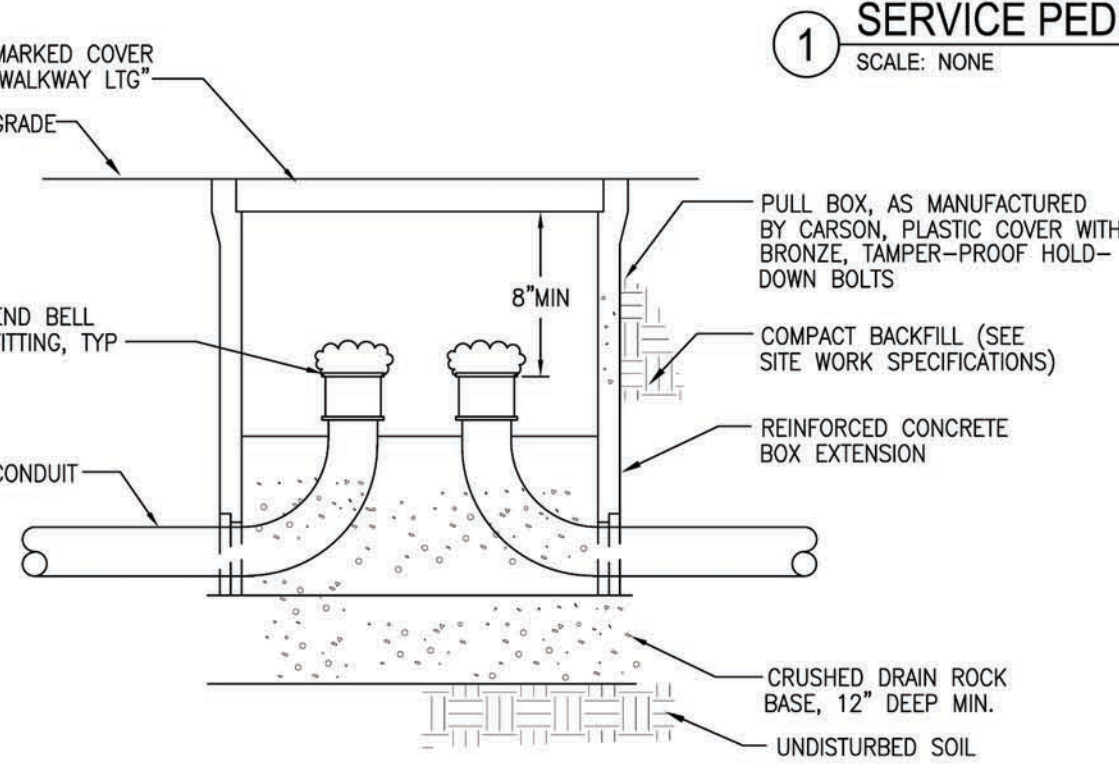


2 POLE FOUNDATION DETAIL
SCALE: NONE

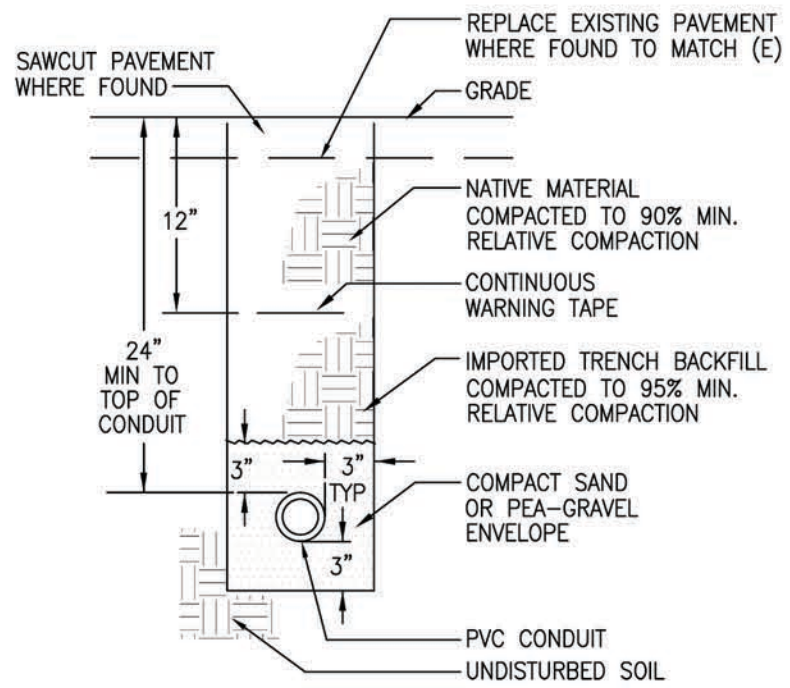
ELECTRICAL PULLBOX SCHEDULE		
PULLBOX NO.	SIZE	LOCATION
PB1 & PB2	13 1/4" X 24"	LANDSCAPE
PB3 TO PB17	10 5/8" X 17 1/4"	PAVEMENT



5 PULL BOX DETAIL FOR PB2 AT SERVICE PEDESTAL
SCALE: NONE



1 SERVICE PEDESTAL
SCALE: NONE



4 TRENCH DETAIL
SCALE: NONE

5 PULL BOX DETAIL (UON)
SCALE: NONE

BID SUBMITTAL 11 / 17 / 11
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Revision No.	Description	Date	By	Appr. By

OAKMORE MONTEGO PARK

ELECTRICAL DETAILS

PUBLIC WORKS DEPARTMENT
CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN
DESIGNED BY
DRAWN BY
CHECKED BY
RECORD DWGS.

APPROVED BY: 11/28/11
DATE

SHEET NO. E3
OF 20 SHEETS
PROJECT NO.

PROJECT INFORMATION

- A. DATE: 12/18/09
- B. PROJECT APPLICANT: CALLANDER ASSOCIATES FOR THE CITY OF STOCKTON
- C. PROJECT ADDRESS: CORNER OF SHADY FOREST WAY & EL PINAL DRIVE, STOCKTON, CA
- D. TOTAL IRRIGATED LANDSCAPE AREA: 242,052 S.F.
- E. PROJECT TYPE: NEW PUBLIC PARK
- F. WATER SUPPLY TYPE: POTABLE WATER FROM LOCAL WATER PURVEYOR CAL-WATER
- G. LANDSCAPE DOCUMENTATION PACKAGE CHECKLIST:

- 1. HYDROZONE INFORMATION TABLE
- 2. MAWA - WATER BUDGET CALCULATION
- 3. ETWU - WATER BUDGET CALCULATION
- 4. CERTIFICATE OF COMPLETION
- 5. CERTIFICATE OF INSTALLATION
- 6. IRRIGATION SCHEDULE
- 7. MAINTENANCE SCHEDULE
- 8. LANDSCAPE IRRIGATION AUDIT
- 9. SOIL MANAGEMENT REPORT

H. PROJECT CONTACTS:
 CITY REPRESENTATIVE: VICTOR MACHADO
 6 EAST LINDSAY STREET
 STOCKTON, CA 95202
 PHONE: (209) 937-8899
 FAX: (209) 937-7489

LANDSCAPE ARCHITECT: ERIK SMITH
 1180 SUN CENTER DRIVE, SUITE 104
 RANCHO CORDOVA, CA 95670
 PHONE: (916) 631-1312
 FAX: (916) 635-9153

WATER BUDGET CALCULATION

1. MAWA
 $MAWA = (Eto)(0.62)[(0.7*LA) + (0.3*SLA)]$
 WHERE:
 MAWA = MAXIMUM APPLIED WATER ALLOWANCE
 ETO = REFERENCE EVAPOTRANSPIRATION
 0.7 = ET ADJUSTMENT FACTOR
 LA = TOTAL LANDSCAPED AREA
 0.62 = CONVERSION FACTOR
 SLA = SPECIAL LANDSCAPED AREA
 0.3 = ADDITION ET ADJUSTMENT FACTOR

$MAWA = (49.1)(0.62)[(0.7*242,052) + (0.3*184,469)]$
 $MAWA = (49.1)(0.62)[169,436 + 55,341]$
 $MAWA = 6,242,661$

2. ETWU
 $ETWU = (Eto)(0.62)[(PF*HA)/IE] + SLA$
 WHERE:
 ETWU = ESTIMATED TOTAL WATER USE PER YEAR (GALLONS PER YEAR)
 ETO = REFERENCE EVAPOTRANSPIRATION
 PF = PLANT FACTOR FROM WUCOLS (SEE DEFINITIONS)
 HA = HYDROZONE AREA [HIGH, MEDIUM, & LOW WATER USE AREAS] (SQ. FT.)
 SLA = SPECIAL LANDSCAPED AREA (SQ. FT.)
 0.62 = CONVERSION FACTOR (TO GALLONS PER SQUARE FOOT)
 IE = IRRIGATION EFFICIENCY (MINIMUM 0.7)

HYDROZONE TABLE FOR CALCULATING ETWU

HYDROZONE	PLANT WATER USE TYPE(S)	PLANT FACTOR (PF)	AREA (HA) (SQ. FT.)	PF * HA (SQ. FT.)
1	HIGH	0.8	5,706	4,565
2	MEDIUM	0.5	2,682	1,341
3	LOW	0.3	15,614	4,684
4	LOW	0.1	33,581	3,358
			SUM	13,948
	SLA	1.0	184,469	

ESTIMATED TOTAL WATER USE = 6,213,608 GALLONS PER YEAR

$ETWU = (49.1)(0.62)[(13,948/0.7) + 184,469]$
 $ETWU = (49.1)(0.62)(204,114)$
 $ETWU = 6,213,638$

CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS FILLED OUT BY THE PROJECT APPLICANT UPON COMPLETION OF THE LANDSCAPE PROJECT.

PART 1. PROJECT INFORMATION SHEET

DATE: 12/18/09

PROJECT NAME: OAKMORE MONTEGO PARK

NAME OF PROJECT APPLICANT: ERIK R. SMITH
 CALLANDER ASSOCIATES FOR THE CITY OF STOCKTON

TELEPHONE NO.: (916) 631-1312

FAX NO.: (916) 635-9153

TITLE: PRINCIPAL

EMAIL ADDRESS: ESMITH@CAVALLEYOFFICE.COM

COMPANY: CALLANDER ASSOCIATES LANDSCAPE ARCHITECTURE, INC.

STREET ADDRESS: 1180 SUN CENTER DRIVE, SUITE 104

CITY: RANCHO CORDOVA

STATE: CA

ZIP CODE: 95670

PROJECT ADDRESS AND LOCATION:

STREET ADDRESS: CORNER OF SHADY FOREST WAY & EL PINAL DRIVE

PARCEL, TRACT OR LOT NUMBER, IF AVAILABLE:

CITY: STOCKTON

LATITUDE/LONGITUDE :

STATE: CA

ZIP CODE: 95205

PROPERTY OWNER OR HIS/HER DESIGNEE:

NAME: VICTOR MACHADO

TELEPHONE NO.: (209) 937-8899

FAX NO.: (209) 937-7489

TITLE: PARK FACILITIES PLANNER, LANDSCAPE ARCHITECT

EMAIL ADDRESS: VICTOR.MACHADO@CI.STOCKTON.CA.US

COMPANY: CITY OF STOCKTON - COMMUNITY DEVELOPMENT DEPT.

STREET ADDRESS: 6 EAST LINDSAY STREET

CITY: STOCKTON

STATE: CA

ZIP CODE: 95202

PROPERTY OWNER

"I/WE CERTIFY THAT I/WE HAVE RECEIVED COPIES OF ALL THE DOCUMENTS WITHIN THE LANDSCAPE DOCUMENTATION PACKAGE AND THE CERTIFICATE OF COMPLETION AND THAT IT IS OUR RESPONSIBILITY TO SEE THAT THE PROJECT IS MAINTAINED IN ACCORDANCE WITH THE LANDSCAPE AND IRRIGATION MAINTENANCE SCHEDULE."

VICTOR MACHADO _____ DATE _____

PLEASE ANSWER THE QUESTIONS BELOW:

- DATE THE LANDSCAPE DOCUMENTATION PACKAGE WAS SUBMITTED TO THE LOCAL AGENCY: 12/18/09
- DATE THE LANDSCAPE DOCUMENTATION PACKAGE WAS APPROVED BY THE LOCAL AGENCY: _____
- DATE THAT A COPY OF THE WATER EFFICIENT LANDSCAPE WORKSHEET (INCLUDING THE WATER BUDGET CALCULATION) WAS SUBMITTED TO THE LOCAL WATER PURVEYOR: _____

PART 2. CERTIFICATION OF INSTALLATION ACCORDING TO THE LANDSCAPE DOCUMENTATION PACKAGE

"I/WE CERTIFY THAT BASED UPON PERIODIC SITE OBSERVATIONS, THE WORK HAS BEEN SUBSTANTIALLY COMPLETED IN ACCORDANCE WITH THE ORDINANCE AND THAT THE LANDSCAPE PLANTING AND IRRIGATION INSTALLATION CONFORM WITH THE CRITERIA AND SPECIFICATIONS OF THE APPROVED LANDSCAPE DOCUMENTATION PACKAGE."

SIGNATURE* _____ DATE _____

NAME (PRINT) _____ TELEPHONE NO. _____

FAX NO. _____

TITLE _____ EMAIL ADDRESS _____

LICENSE NO. OR CERTIFICATION NO. _____

COMPANY _____ STREET ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

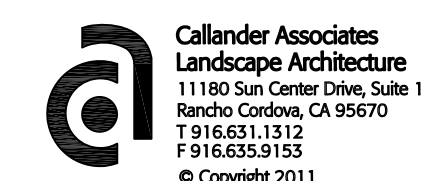
* SIGNER OF THE LANDSCAPE DESIGN PLAN, SIGNER OF THE IRRIGATION PLAN, OR A LICENSED LANDSCAPE CONTRACTOR.

HYDROZONE INFORMATION TABLE

HYDROZONE *	ZONE OR VALVE	IRRIGATION METHOD**	AREA (SQ. FT.)	% OF LANDSCAPE AREA
HW	1	R	3,248	1.3%
LW	2	R	9,118	3.8%
LW	3	B	-	-
HW	4	R	21,510	8.9%
LW	5	B	-	-
MW	6	S	1,028	0.4%
HW	7	R	5,721	2.3%
LW	8	B	18,154	7.5%
HW	9	R	11,226	4.6%
HW	10	R	19,021	7.9%
HW	11	R	14,353	5.9%
HW	12	R	10,879	4.5%
LW	13	B	15,427	6.4%
HW	14	R	3,499	1.4%
MW	15	S	1,654	0.7%
LW	16	R	6,496	2.7%
LW	17	B	-	-
HW	18	R	11,030	4.6%
HW	19	R	18,660	7.7%
HW	20	R	16,133	6.7%
HW	21	R	18,028	7.3%
HW	22	R	10,952	4.5%
HW	23	R	18,569	7.7%
HW	24	R	7,346	3.0%
		TOTAL		100%

* HYDROZONE
 HW = HIGH WATER USE PLANTS
 MW = MODERATE WATER USE PLANTS
 LW = LOW WATER USE PLANTS

**IRRIGATION METHOD
 MS = MICRO-SPRAY
 S = SPRAY
 R = ROTOR
 B = BUBBLER
 D = DRIP
 O = OTHER



BID SUBMITTAL 11 / 17 / 11
 CA PROJECT NO. 06019
 CITY BUILDING PERMIT #

Revision No.	Description	Date	By	Apprv. By

OAKMORE MONTEGO PARK

LANDSCAPE DOCUMENTATION

PUBLIC WORKS DEPARTMENT
 CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN APPROVED BY: 11/28/11 DATE SHEET NO. 21 OF 21 SHEETS

DRAWN BY JRT
 CHECKED BY ES
 RECORD DWGS.

PARK FACILITY PLANNER / LANDSCAPE ARCHITECT
 STOCKTON, CALIFORNIA

PROJECT NO.