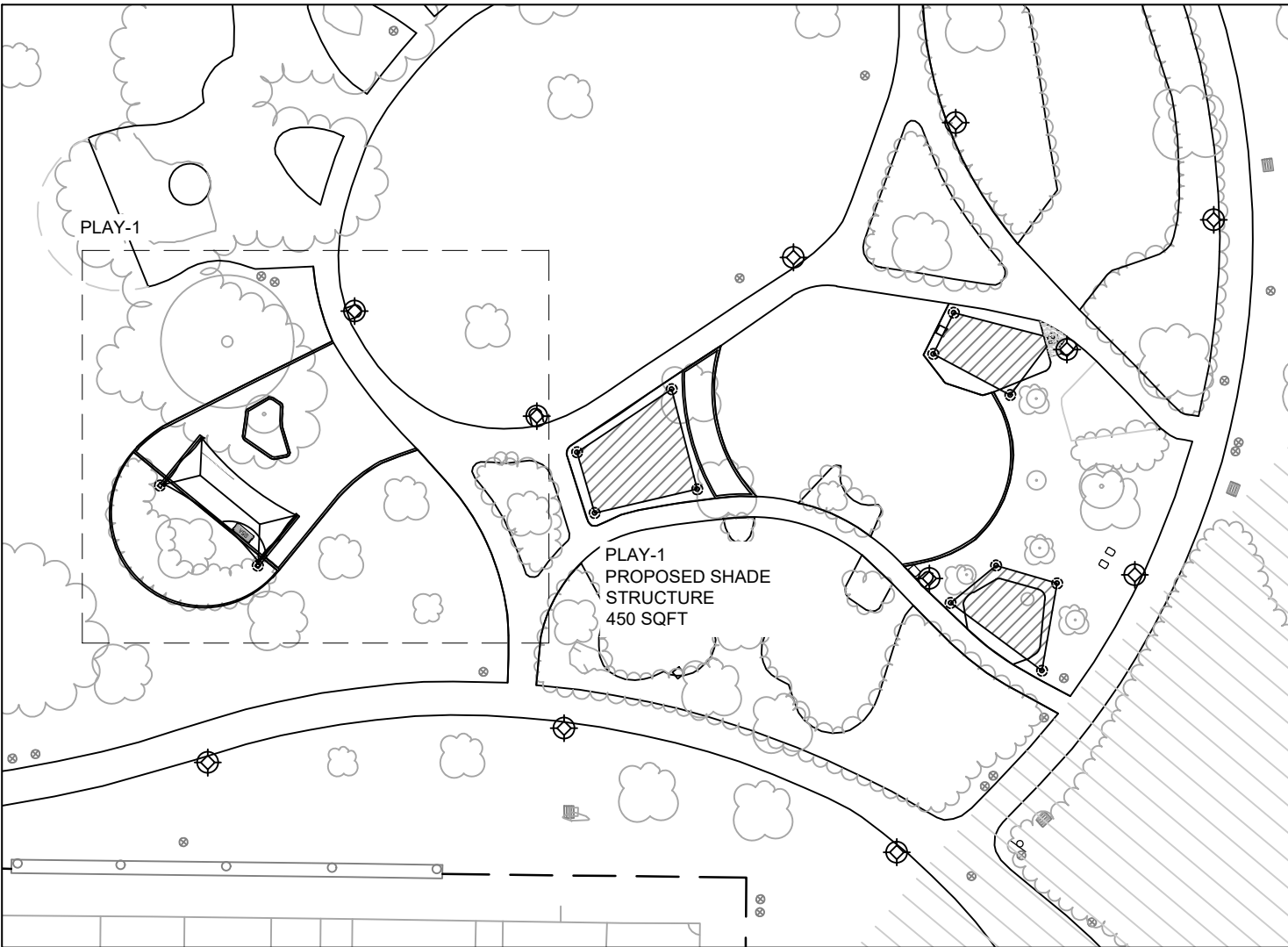


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Formerly H&M Group, a California Partnership

POST COORDINATES					
SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L102	PLAY-1	9	1110	6107739, 2191442	Cleared to 12". Exposed 1" irrigation. Encountered large amounts of asphalt and rocks.
		10	1109	6107762, 2191423	Cleared to 12" Exposed 1" irrigation no report encountered large amounts of asphalt and rocks.
DIMENSION CONTROL POINT COORDINATES					
CONTROL POINT			COORDINATES (E,N)		ELEVATION
004			6107767, 2191422		273.67
COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET					
AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.					
POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.					

*REFER TO DRAWING L051 FOR BUILDING CODE ANALYSIS



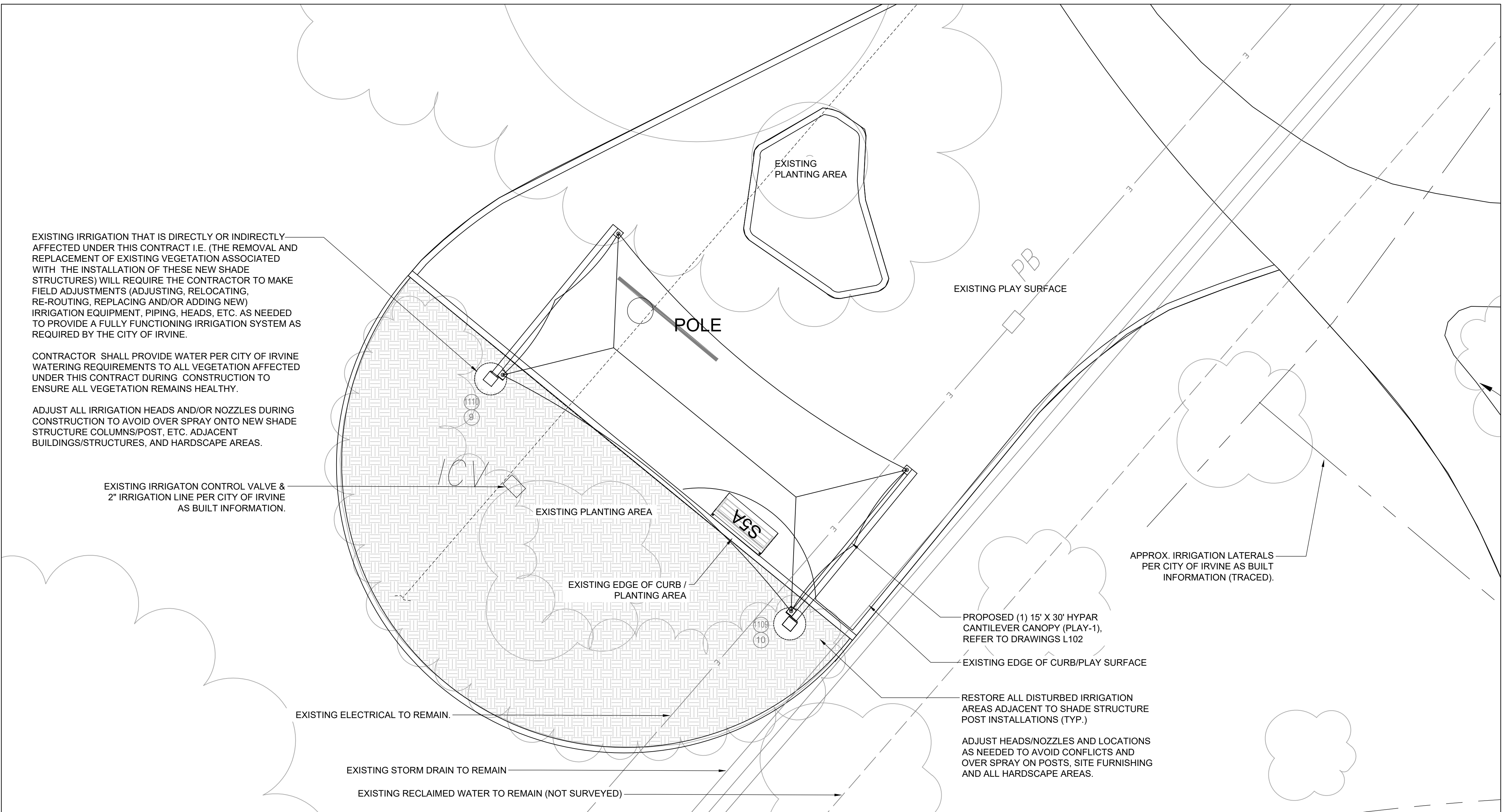
2 CONTEXT PLAN

SCALE: 1" = 40'

REFER TO L200 FOR GENERAL EXISTING IRRIGATION NOTES AND GENERAL IRRIGATION NOTES.

PLAY-1 IRRIGATION NOTES:

- BASED ON FIELD INVESTIGATIONS - THERE IS AN EXPOSED 1-INCH IRRIGATION LINE THAT IS IN DIRECT CONFLICT WITH POTHOLES 1109 AND 1110 THAT WILL NEED TO BE REROUTED OR RELOCATED AS WELL AS MAKE ANY AND ALL ADJUSTMENTS TO THE EXISTING IRRIGATION SYSTEM AS NEEDED TO AVOID ALL DIRECT CONFLICTS.
- REFER TO SPECIFICATIONS FOR POTHOLING/XTRENCING REPORT BY CBELOW.



1 IRRIGATION PLAN

SCALE: 1" = 5'

DESIGNED:		BT JM		8	
DRAWN:		BT JM		7	
CHECKED:		JM		6	
DATE:		08.21.2024		5	
SCALE:		AS INDICATED		4	
NO.		2		3	
DATE		08.21.2024		2	
REVISIONS		AS INDICATED		1	

DEVELOPER:		BT JM		8	
DESIGNED:		BT JM		7	
DRAWN:		BT JM		6	
CHECKED:		JM		5	
DATE:		08.21.2024		4	
SCALE:		AS INDICATED		3	
NO.		2		2	
DATE		08.21.2024		1	
REVISIONS		AS INDICATED		1	

PLANS PREPARED BY:		ARCADIS		18401 Von Kaman Avenue - Suite 300	
LANDSCAPE ARCHITECT:		JENNIFER MOORE		16149 533 5868	
LICENSE NO. EXP. DATE		06302028		June 30, 2028	
CITY OF IRVINE		COMMUNITY DEVELOPMENT DEPARTMENT		11111	

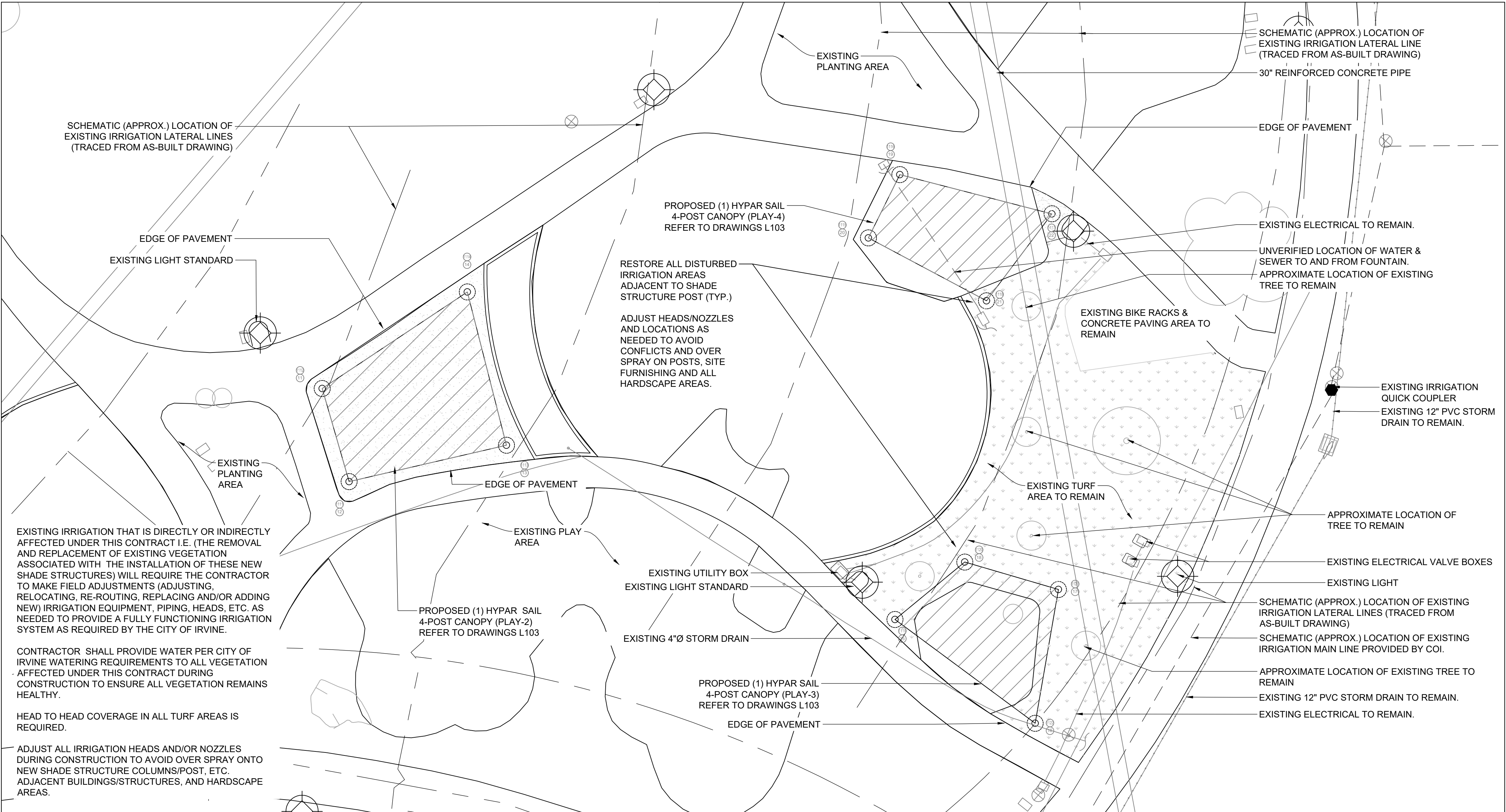
PLAN CHECK:		00565907 - CTIS	
PERMIT:		CIP # 372602	

L202	
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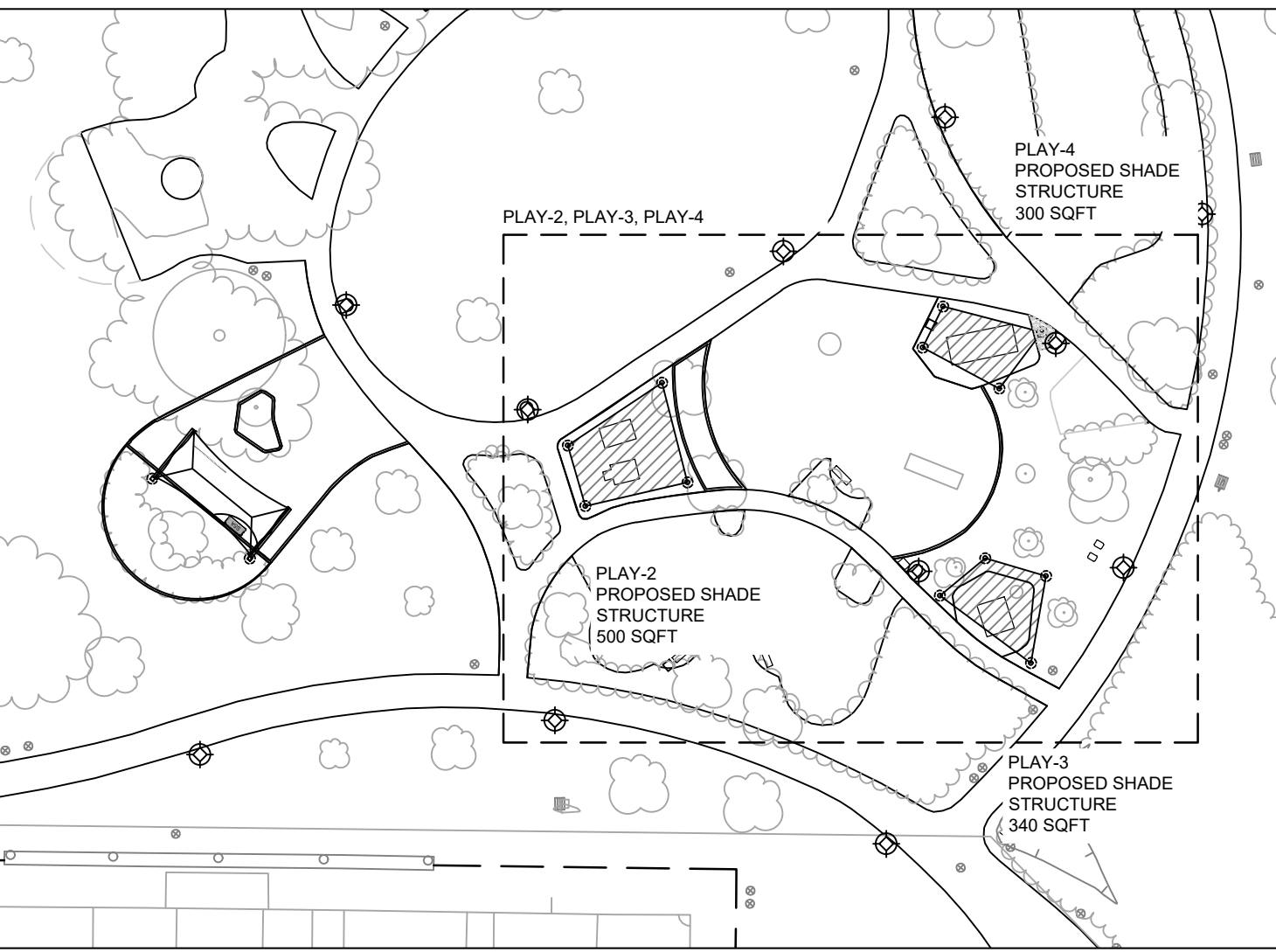
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Formerly H&M Group, a California Partnership

POST COORDINATES					
SHEET	STRUCTURE	POST HOLE	POT HOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L103	PLAY-2	11	1112	6107838, 2191450	Cleared to 12" Encountered asphalt debris and rocks. Spread footing may be considered. Caution: Irrigation may exist in close proximity.
		12	1111	6107842, 2191436	Cleared to 12" Encountered asphalt debris and rocks. Spread footing may be considered.
		13	1113	6107866, 2191441	Cleared to 12" Encountered asphalt debris and rocks. Spread footing may be considered.
		14	1114	6107860, 2191465	Cleared to 12" Encountered asphalt debris and rocks. Spread footing may be considered.
L103	PLAY-3	15	1119	6107926, 2191414	Cleared to 12" Exposed 1" irrigation
		16	1122	6107948, 2191398	Cleared to 12" Caution: SD in the vicinity.
		17	1121	6107852, 2191419	Cleared to 12"
		18	1120	6107937, 2191423	Cleared to 12"
		L103	PLAY-4	19	1116
20	1115			6107822, 2191474	Cleared to 12"
21	1118			6107941, 2191464	Cleared to 12" Caution: Utilities exist in close proximity.
22	1117			6107951, 2191477	Cleared to 10" Encountered asphalt debris and rocks. Spread footing may be considered. Caution: Utilities exist in close proximity.
DIMENSION CONTROL POINT COORDINATES					
CONTROL POINT			COORDINATES (E,N)		ELEVATION
005			6107871, 2191439		274.64
006			6107930, 2191408		275.25
007			6107837, 2191465		275.38



1 IRRIGATION PLAN

*REFER TO DRAWING L051 FOR BUILDING CODE ANALYSIS



2 CONTEXT PLAN

REFER TO L200 FOR GENERAL EXISTING IRRIGATION NOTES AND GENERAL IRRIGATION NOTES.

PLAY-2, PLAY-3 & PLAY-4 IRRIGATION NOTES:

- BASED ON FIELD INVESTIGATIONS - THERE IS AN EXPOSED 1-INCH IRRIGATION LINE THAT IS IN DIRECT CONFLICT WITH POTHOLE 1119 THAT WILL NEED TO BE REROUTED OR RELOCATED.
- BASED ON FIELD INVESTIGATIONS THERE ARE NO KNOWN OTHER EXPOSED IRRIGATION LINES IN DIRECT CONFLICT WITH ANY OTHER PROPOSED POTHOLE SHOWN ON THIS SHEET. HOWEVER IT IS STILL THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY AND MAKE ANY AND ALL ADJUSTMENTS TO THE EXISTING IRRIGATION SYSTEM AS NEEDED TO AVOID ALL DIRECT CONFLICTS.
- REFER TO SPECIFICATIONS FOR POTHOLING/XTRENCHING REPORT BY CBELOW.

DESIGNED: BT JM
DRAWN: BT JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER: JENNIFER MOORE
LANDSCAPE ARCHITECT: 06/30/2028
LICENSE NO. EXP. DATE

PLANS PREPARED BY: ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine, CA 92614-5000
www.arcadis.com

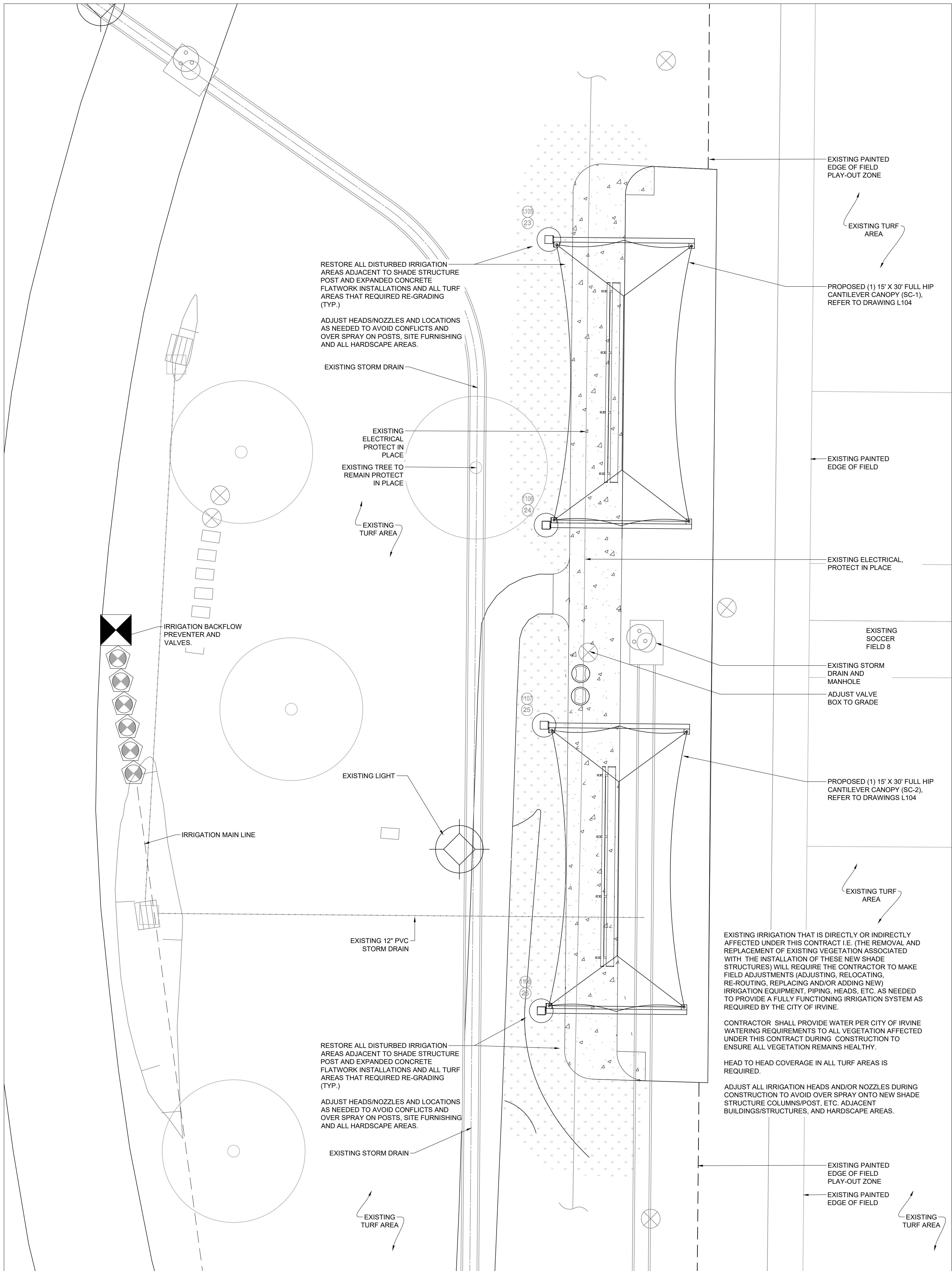
SHADE IMPROVEMENTS - PHASE 2
GREAT PARK (GP)
PLAYGROUND AREA HYPAR SAILS PLAY-2, PLAY-3, PLAY-4
IRRIGATION PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK: 00565907 - CTIS
PERMIT - CIP # 372602

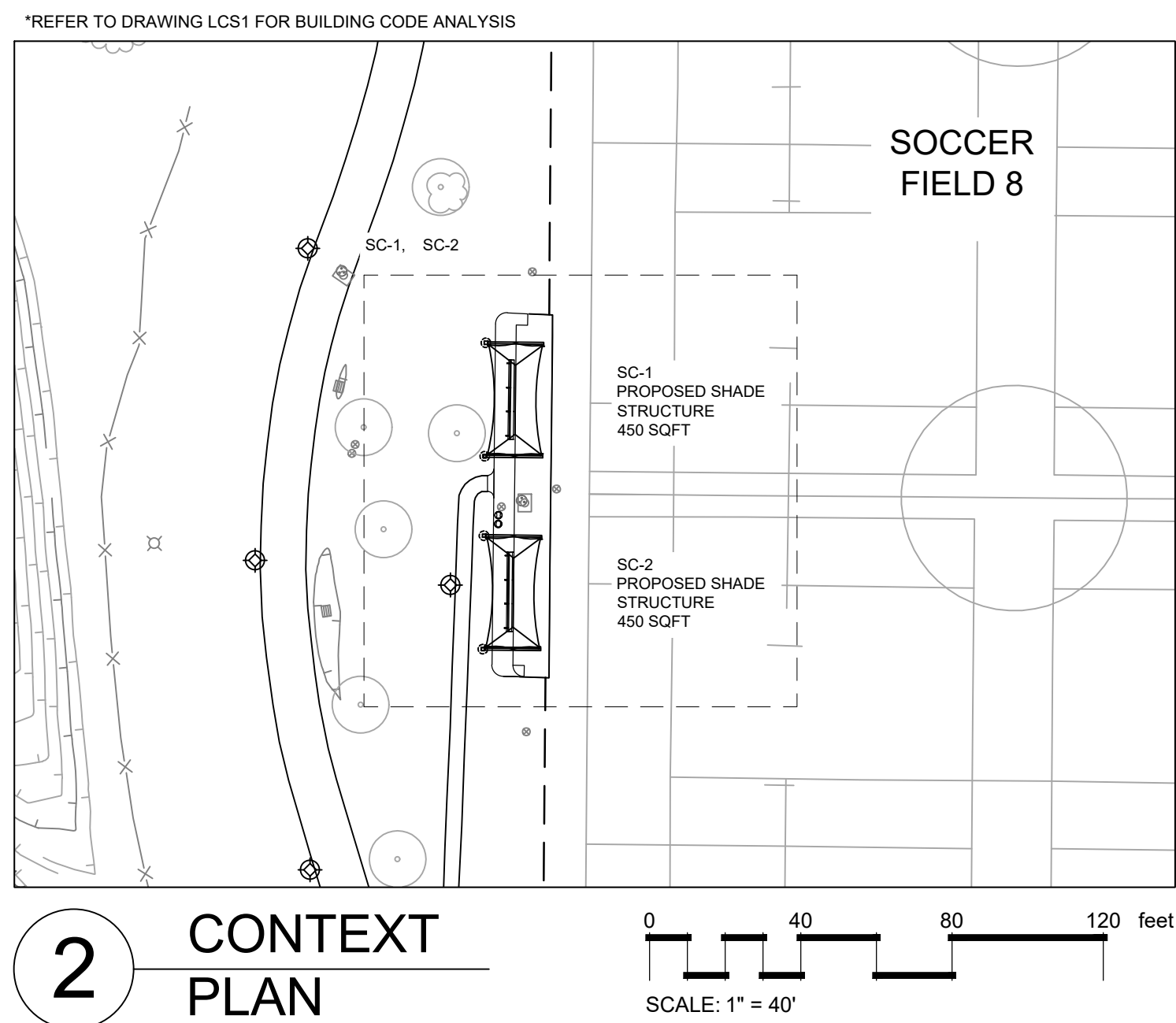
L203

REVISIONS
NO. DATE



1 IRRIGATION PLAN

POST COORDINATES					
SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L104	SC-1	23	1105A	6108511, 2191198	On 3/20/2025 small trench was performed to find furthest utility West exposed was at 5'-3" from concrete edge @3'-2" to top of conduits. Location of 1105A was adjusted in line with 1106A, 1107A, & 1108A but was not repotholed as they were clear of utilities.
		24	1106A	6108511, 2191189	
		25	1107A	6108511, 2191147	
L-104	SC-2	26	1108A	6108511, 2191117	Cleared to 11"
		28	1106A	6108511, 2191117	Cleared to 11"
DIMENSION CONTROL POINT COORDINATES					
CONTROL POINT			COORDINATES (E,N)		ELEVATION
008			6108508, 2191156		256.65
COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET					
AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.					
POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.					

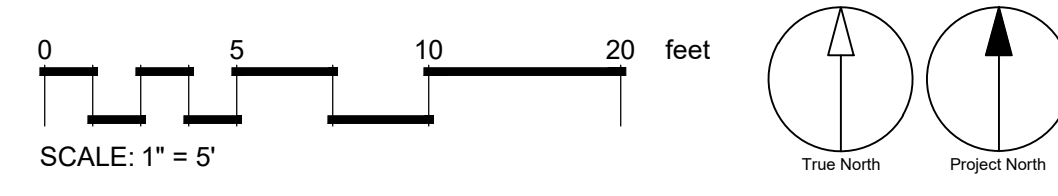


2 CONTEXT PLAN

REFER TO L200 FOR GENERAL EXISTING IRRIGATION NOTES AND GENERAL IRRIGATION NOTES.

SC-1 & SC-2 - IRRIGATION NOTES:

- BASED ON FIELD INVESTIGATIONS THERE ARE NO KNOWN EXPOSED IRRIGATION LINES IN DIRECT CONFLICT WITH ANY OTHER PROPOSED POTHOLE SHOWN ON THIS SHEET. HOWEVER IT IS STILL THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY AND MAKE ANY AND ALL ADJUSTMENTS TO THE EXISTING IRRIGATION SYSTEM AS NEEDED TO AVOID ALL DIRECT CONFLICTS.
- REFER TO SPECIFICATIONS FOR POTHOLING/XTRENCHING REPORT BY CBELOW



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DESIGNED: BT JM	8	NO.	DATE
DRAWN: BT JM	7	AS INDICATED	
CHECKED: JM	6		
DATE: 08.21.2024	5		
SCALE: AS INDICATED	4		
	3		
	2		
	1		

DEVELOPER: JENNIFER MOORE LANDSCAPE ARCHITECT

PLANS PREPARED BY: ARCADIS

18401 Van Kester Avenue - Suite 300
Irvine, CA 92618-5505 USA
Tel: 949.253.5568
www.arcadis.com

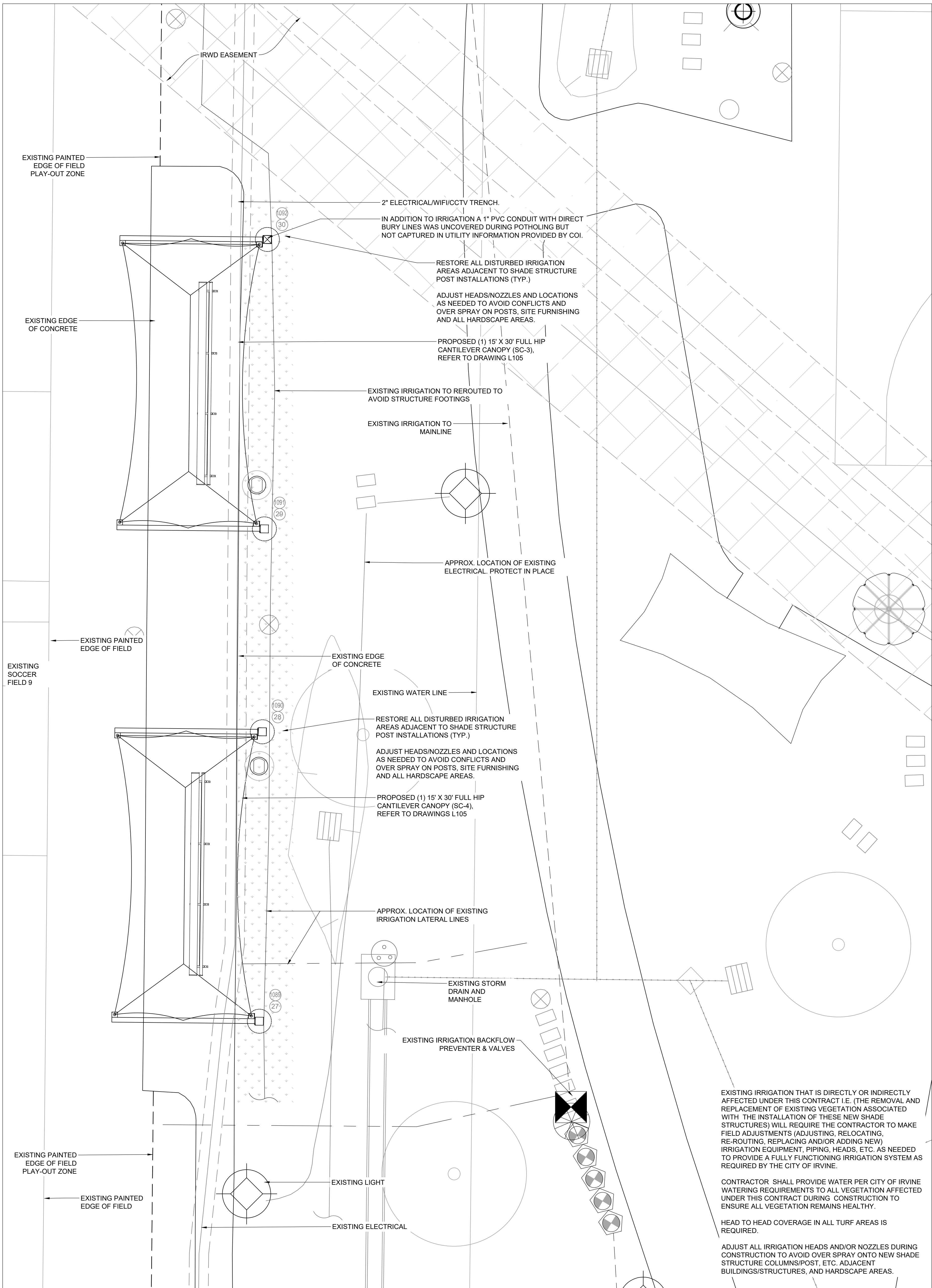
PROJECT: SHADE IMPROVEMENTS - PHASE 2
GREAT PARK (GP)
SOCCER AREA/CANTILEVER SC-1 & SC-2
IRRIGATION PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK: 00565907 - CTIS

PERMIT - CIP # 372602

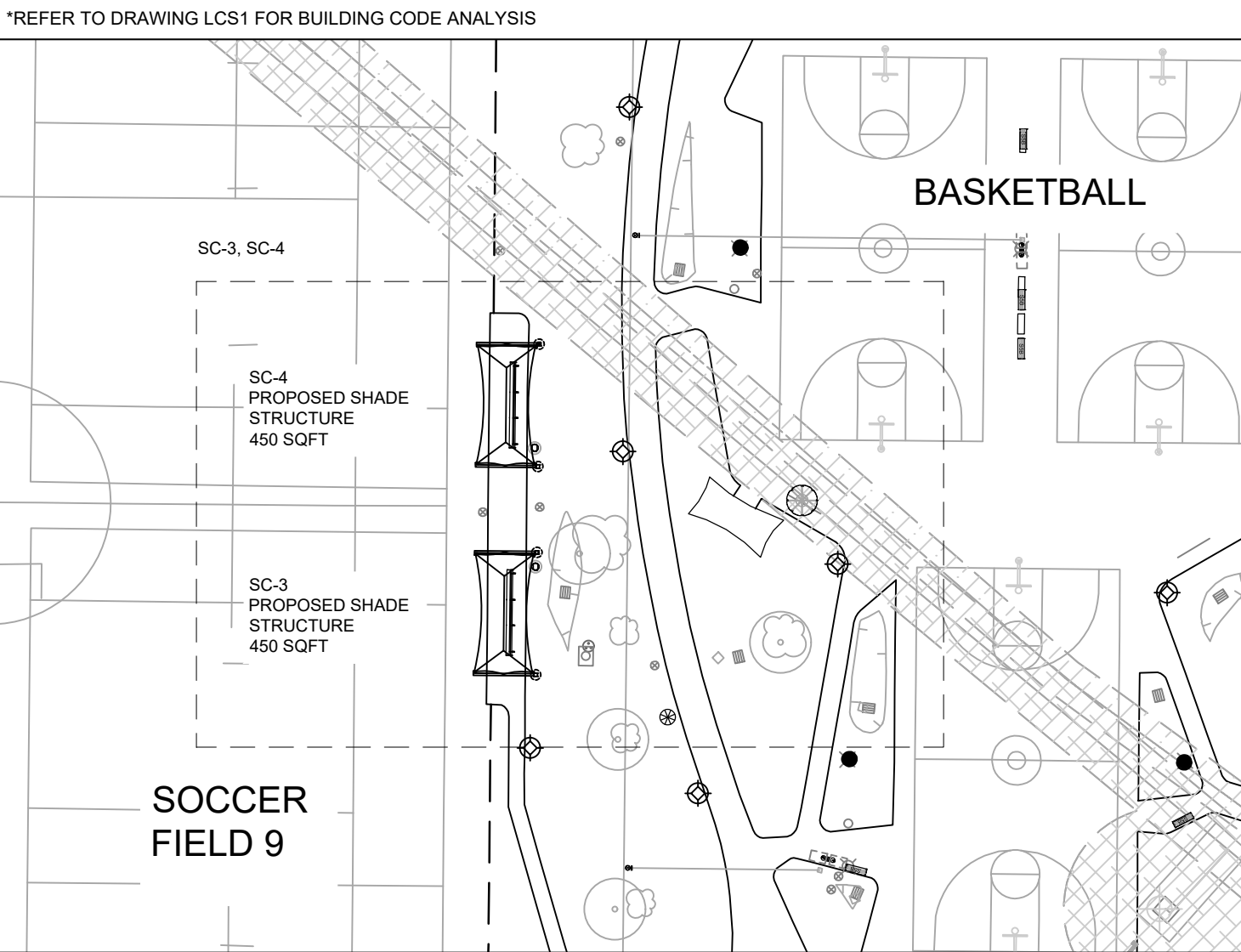
L204



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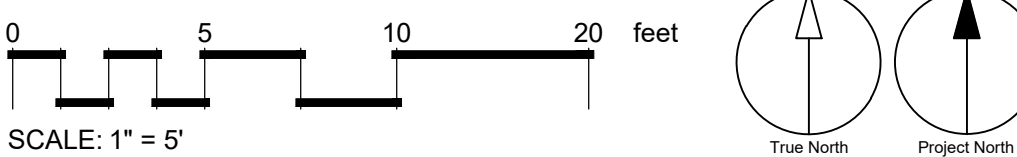
POST COORDINATES					
SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L105	SC-3	27	1089	6107081, 2191112	Cleared to 11" depth. Exposed a 4" and 1" unknown PVC possibly irrigation @2.52'. Caution: Utilities exist in close proximity.
		28	1090	6107081, 2191142	Cleared to 11" depth. Exposed 4" PVC and 1" PVC @ 2.32' possible irrigation. Caution: Utilities exist in close proximity.
L105	SC-4	29	1091	6107081, 2191163	Cleared to 11" depth. Exposed 4" PVC and 1" PVC @ 2.36' possible irrigation. Caution: Utilities exist in close proximity.
		30	1092	6107081, 2191193	Cleared to 11" depth. Exposed 4" PVC line while tape @ 2.08 & 1" PVC conduit with multiple direct bury lines @2.48. Caution: Utilities exist in close proximity.
DIMENSION CONTROL POINT COORDINATES					
CONTROL POINT			COORDINATES (E,N)		ELEVATION
009	6107069, 2191105			261.75	



REFER TO L200 FOR GENERAL EXISTING IRRIGATION NOTES AND GENERAL IRRIGATION NOTES.

SC-3 & SC-4 IRRIGATION NOTES:

- BASED ON FIELD INVESTIGATIONS - A 4-INCH PVC AND 1-INCH PVC BETWEEN 2-FT AND 2.5-FT IS IN DIRECT CONFLICT WITH POTHOLING 1089, 1090, 1091 AND 1092 THAT WILL NEED TO BE REROUTED OR RELOCATED.
- BASED ON FIELD INVESTIGATIONS - A 1" PVC CONDUIT WITH MULTIPLE DIRECT BURY LINES IS IN DIRECT CONFLICT WITH POTHOLE 1092 THAT WILL NEED TO BE REROUTED OR RELOCATED.
- REFER TO SPECIFICATIONS FOR POTHOLING/XTRENCHING REPORT BY CBELOW.



DESIGNED: BT JM
DRAWN: BT JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER: JENNIFER MOORE
LANDSCAPE ARCHITECT: JENNIFER MOORE
LICENSE NO. 06302028
EXP. DATE: 06/30/2028

PLANS PREPARED BY: ARCADIS
18401 Van Kester Avenue - Suite 300
Irvine, CA 92614-5508
Tel: 949.553.5868
www.arcadis.com

SHADE IMPROVEMENTS - PHASE 2
GREAT PARK (GP)
SOCCER AREA/CANTILEVER SC-3 & SC-4
IRRIGATION PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK: 00565907 - CTIS
PERMIT - CIP # 372902

L205

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2

NO.

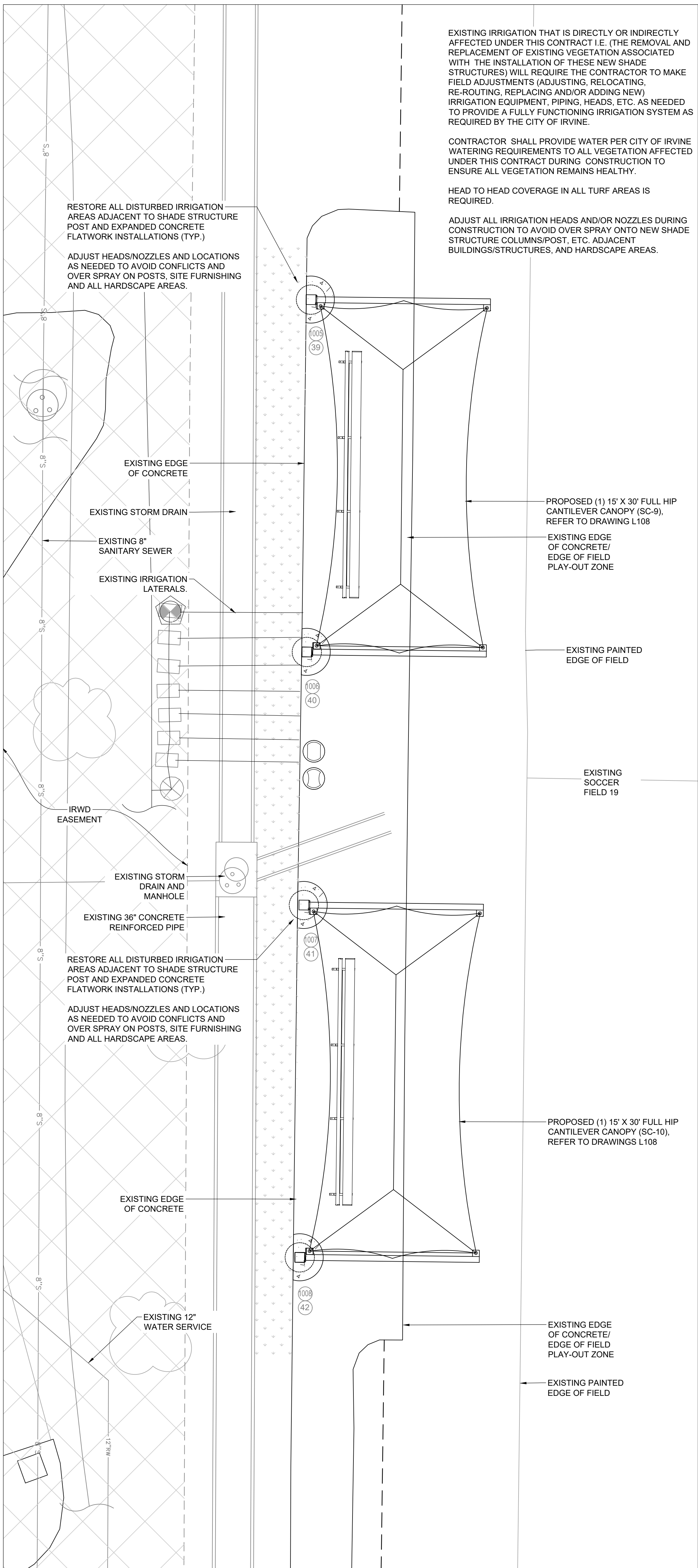
DATE

REVISIONS



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formerly IBI Group, a California Partnership



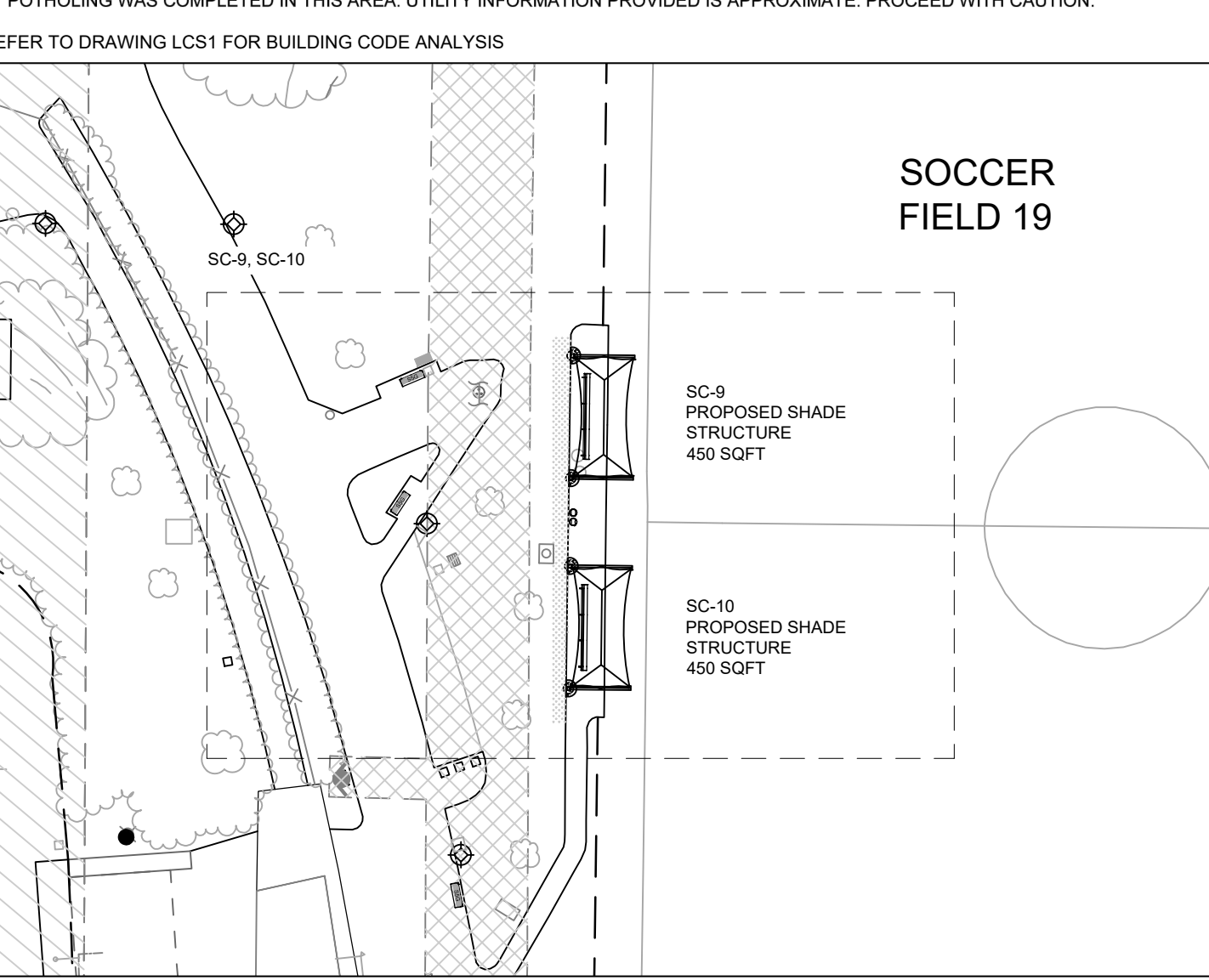


1 IRRIGATION PLAN

POST COORDINATES					
SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E.N)	POTHOLING/XTRENCHING
L108	SC-9	39	1005	6108828, 2192520	Cleared to 12" 3/4" irrigation at 0.88'
		40	1006	6108828, 2192490	Cleared to 12" (2) parallel 3/4" irrigation found at 1.96'
L108	SC-10	41	1007	6108827, 2192469	Cleared to 12" (3) irrigation lines parallel, (1) 3/4 inch, (1) 1 inch, (1) 1 inch 1/2 at 0.94 ft.
		42	1008	6108827, 2192439	Cleared to 12" depth. Small irrigation line found. Depth and size not recorded.

DIMENSION CONTROL POINT COORDINATES		
CONTROL POINT	COORDINATES (E.N)	ELEVATION
012	6108837, 2192520	287.01

COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET
AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.
POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.

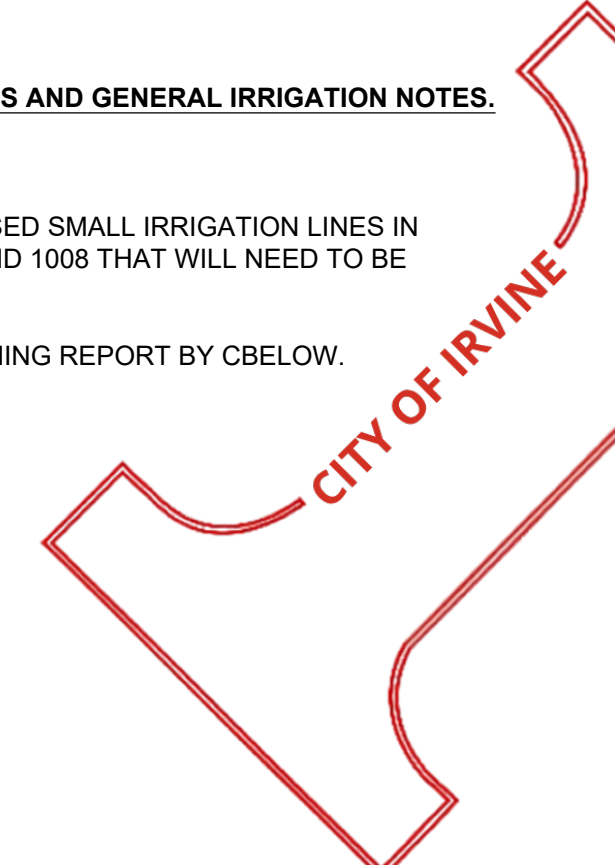
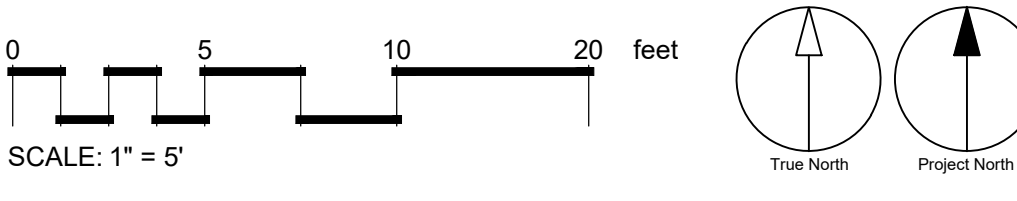


2 CONTEXT PLAN

REFER TO L200 FOR GENERAL EXISTING IRRIGATION NOTES AND GENERAL IRRIGATION NOTES.

SC-9 & SC-10 IRRIGATION NOTES:

- BASED ON FIELD INVESTIGATIONS - THERE ARE EXPOSED SMALL IRRIGATION LINES IN DIRECT CONFLICT WITH POTHOLES 1005, 1006, 1007 AND 1008 THAT WILL NEED TO BE REROUTED OR RELOCATED.
- REFER TO SPECIFICATIONS FOR POTHOLOGING/XTRENCHING REPORT BY CBELOW.



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Formerly H&M Group, a California Partnership

DESIGNED: BT/JM
DRAWN: BT/JM
CHECKED: JM
DATE: 08/21/2024
SCALE: AS INDICATED

DEVELOPER: BT/JM
SOLIS ENGINEER: BT/JM
REPORT #

DATE

NO.

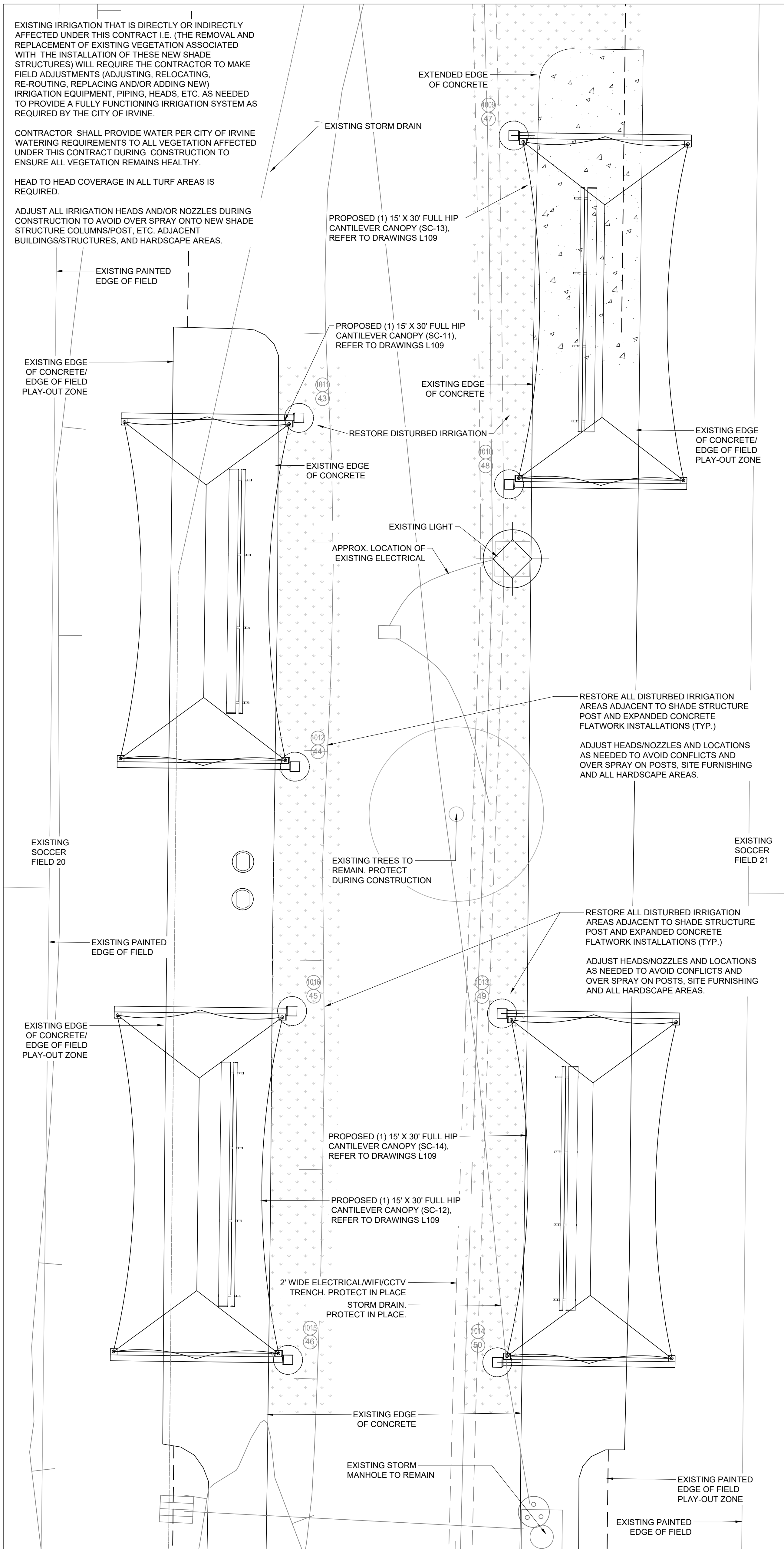
REVISIONS

PLANS PREPARED BY: ARCADIS
18401 Von Kaman Avenue - Suite 300
Irvine, CA 92614-5000
www.arcadis.com
JENNIFER MOORE
LANDSCAPE ARCHITECT
06/30/2028
LICENSE NO. EXP. DATE

SHADE IMPROVEMENTS - PHASE 2
GREAT PARK (GP)
SOCCER AREA CANTILEVER SC-9 & SC-10
IRRIGATION PLAN
CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

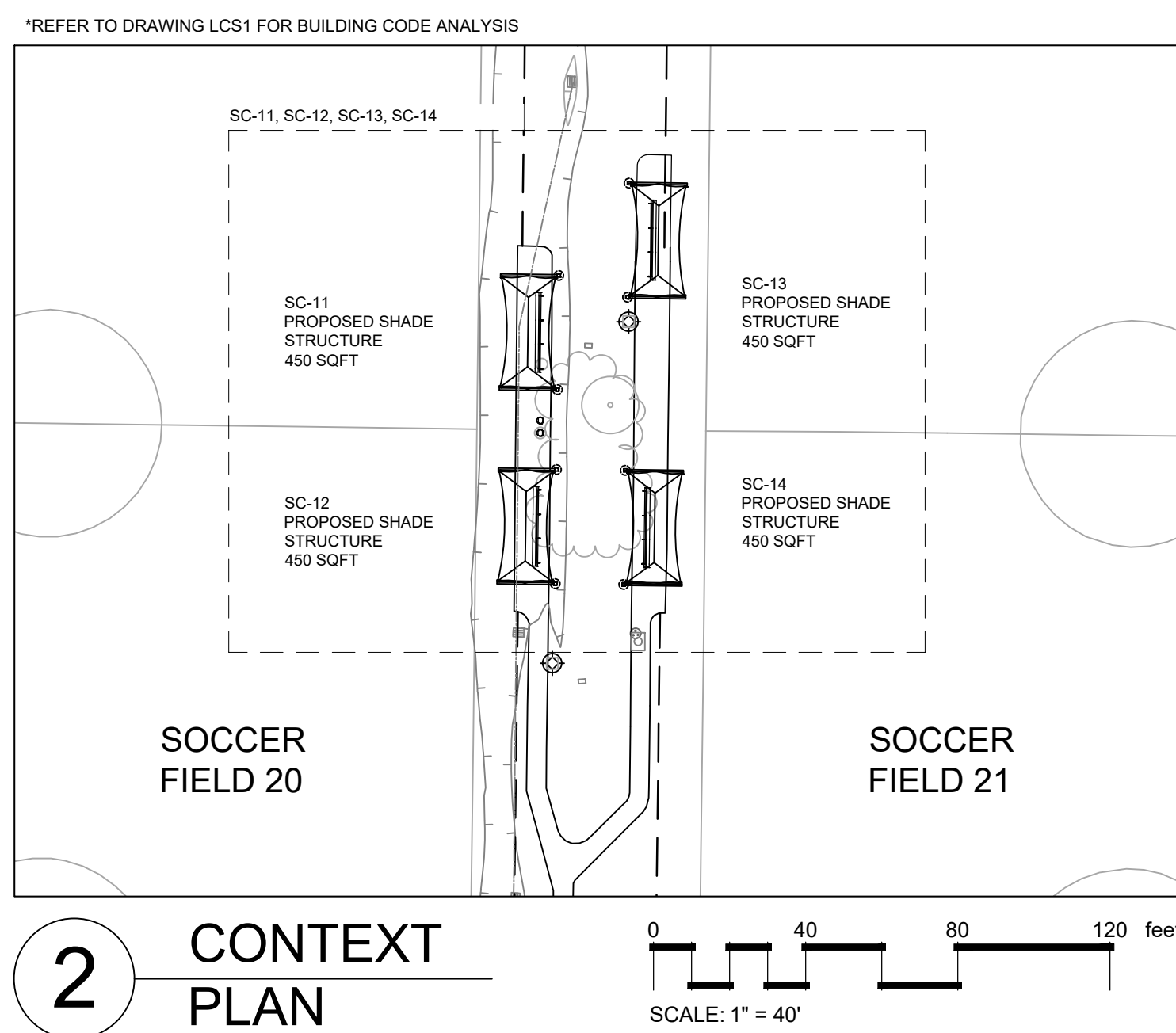
PLAN CHECK: 00565907 - CTIS
PERMIT - CIP # 372602

L208



1 IRRIGATION PLAN

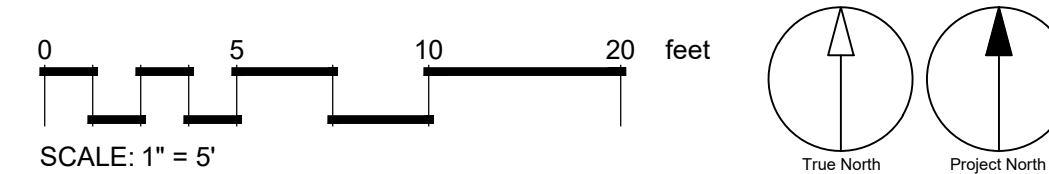
POST COORDINATES					
SHEET	STRUCTURE	POST HOLE	PTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L109	SC-11	43	1011	6109377, 2192514	Cleared to 11".
		44	1012	6109377, 2192484	Cleared to 11".
	SC-12	45	1016	6109377, 2192463	Cleared to 11".
L109	SC-13	46	1015	6109377, 2192433	Cleared to 11".
		47	1009	6109396, 2192538	Cleared to 11".
	SC-14	48	1010	6109396, 2192508	Cleared to 11".
L109	SC-14	49	1013	6109395, 2192463	Cleared to 11". Exposed possible SD at 7.2'. Consider spread footing at this location.
		50	1014	6109395, 2192433	Cleared to 11".
		DIMENSION CONTROL POINT COORDINATES			
CONTROL POINT			COORDINATES (E,N)		ELEVATION
013			6109367, 2192522		299.98
014			6109407, 2192521		303.05
COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET					
AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.					
POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.					



REFER TO L200 FOR GENERAL EXISTING IRRIGATION NOTES AND GENERAL IRRIGATION NOTES.

SC-11, SC-12, SC-13 & SC-14 IRRIGATION NOTES:

- BASED ON FIELD INVESTIGATIONS THERE ARE NO KNOWN EXPOSED IRRIGATION LINES IN DIRECT CONFLICT WITH ANY OTHER PROPOSED POTHOLE SHOWN ON THIS SHEET. HOWEVER IT IS STILL THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY AND MAKE ANY AND ALL ADJUSTMENTS TO THE EXISTING IRRIGATION SYSTEM AS NEEDED TO AVOID ALL DIRECT CONFLICTS.
- BASED ON FIELD INVESTIGATIONS: AN 8" PVC STORM DRAIN WAS LOCATED AT POTHOLE 1013 AT 7.20' DEPTH. AN ALTERNATE FOOTING IS TO BE PROVIDED BY THE MANUFACTURER TO ALLOW THE SD TO REMAIN IN PLACE.
- REFER TO SPECIFICATIONS FOR POTHOLING/XTRENCING REPORT BY CBELOW.



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Arcadis, a California Partnership
Formerly H&M Group, a California Partnership

DESIGNED: BT JM	8	NO.	DATE
DRAWN: BT JM	7		
CHECKED: JM	6		
DATE: 08.21.2024	5		
SCALE: AS INDICATED	4		
	3		
	2		
	1		

DEVELOPER: JENNIFER MOORE LANDSCAPE ARCHITECT

PLANS PREPARED BY: JENNIFER MOORE LANDSCAPE ARCHITECT

ARCADIS

18401 Von Karman Avenue - Suite 300
Irvine, CA 92614-5000
Tel: 949.253.5868
www.arcadis.com

06/30/2028 LICENSE NO. EXP. DATE

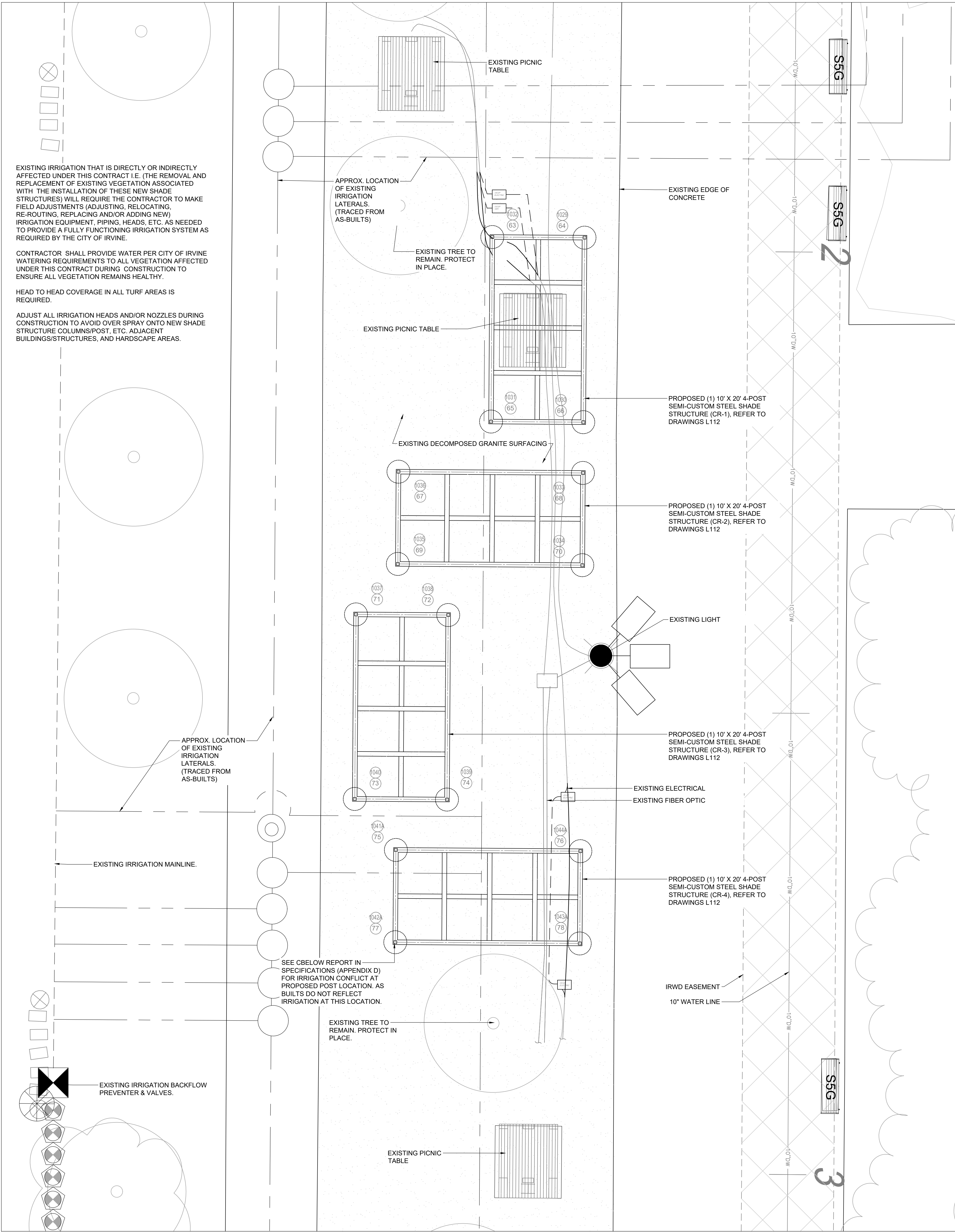
SHADE IMPROVEMENTS - PHASE 2
GREAT PARK (GP)
SOCCER AREA CANTILEVER SC-11, SC-12, SC-13 & SC-14 IRRIGATION PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK: 00565907 - CTIS

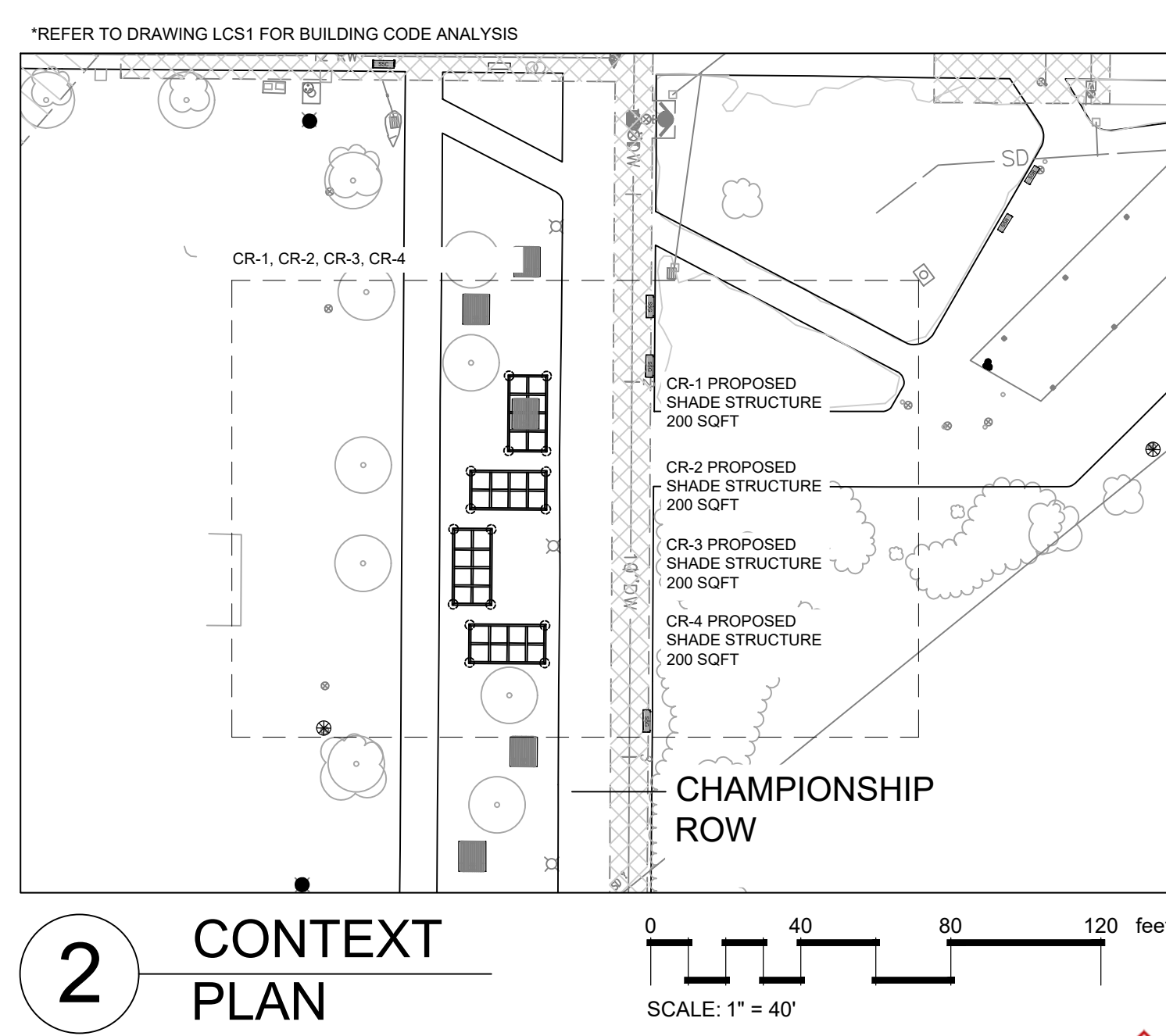
PERMIT - CIP # 372602

L209

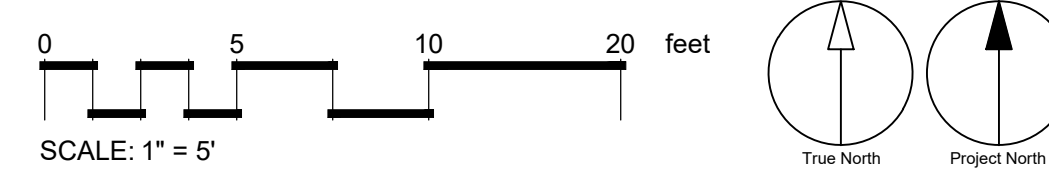


1 IRRIGATION PLAN

POST COORDINATES					
SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L112	CR-1	63	1032	6108649, 2191709	Cleared to 6" (2) 1" conduits exposed at 1.54'
		64	1029	6108659, 2191709	Cleared to 6"
		65	1031	6108649, 2191689	Cleared to 6"
		66	1030	6108659, 2191689	Cleared to 6"
L112	CR-2	67	1036	6108639, 2191683	Cleared to 6"
		68	1033	6108659, 2191683	Cleared to 6"
		69	1035	6108639, 2191673	Not potholed due to bench.
		70	1034	6108659, 2191673	Cleared to 6"
L112	CR-3	71	1037	6108635, 2191666	Cleared to 6"
		72	1038	6108645, 2191666	Cleared to 6"
		73	1040	6108634, 2191648	Cleared to 6"
		74	1039	6108644, 2191648	Cleared to 6"
L112	CR-4	75	1041A	6108639, 2191642	Cleared to 7"
		76	1044A	6108659, 2191642	Exposed (3) visible lines (2) 1" (1) 2"
		77	1042A	6108639, 2191632	Cleared to 6" Exposed 1" irrigation. Depth not reported.
		78	1043A	6108659, 2191632	Exposed (3) visible lines (2) 1" (1) 2"
DIMENSION CONTROL POINT COORDINATES					
CONTROL POINT		COORDINATES (E,N)		ELEVATION	
012		6108661, 2191663		291.9	
COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET					
AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.					
POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.					



- REFER TO L200 FOR GENERAL EXISTING IRRIGATION NOTES AND GENERAL IRRIGATION NOTES.
- CR-1, CR-2, CR-3 & CR-4 IRRIGATION NOTES:**
- BASED ON FIELD INVESTIGATIONS - THERE ARE EXPOSED SMALL IRRIGATION LINES IN DIRECT CONFLICT WITH POTHOLE 1042A THAT WILL NEED TO BE REROUTED OR RELOCATED.
 - BASED ON FIELD INVESTIGATIONS THERE ARE NO KNOWN EXPOSED IRRIGATION LINES IN DIRECT CONFLICT WITH ANY OTHER PROPOSED POTHOLE SHOWN ON THIS SHEET. HOWEVER IT IS STILL THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY AND MAKE ANY AND ALL ADJUSTMENTS TO THE EXISTING IRRIGATION SYSTEM AS NEEDED TO AVOID ALL DIRECT CONFLICTS.
 - REFER TO SPECIFICATIONS FOR POTHOLING/XTRENCHING REPORT BY CBELOW.



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Arcadis, a California Partnership
Formerly H&M Group, a California Partnership

DESIGNED: BT JM
DRAWN: BT JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER: JENNIFER MOORE
LANDSCAPE ARCHITECT: JENNIFER MOORE
LICENSE NO. 06302028
EXP. DATE: 06/30/2028

PLANS PREPARED BY: ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine, CA 92614-5000
www.arcadis.com
1-800-533-5868

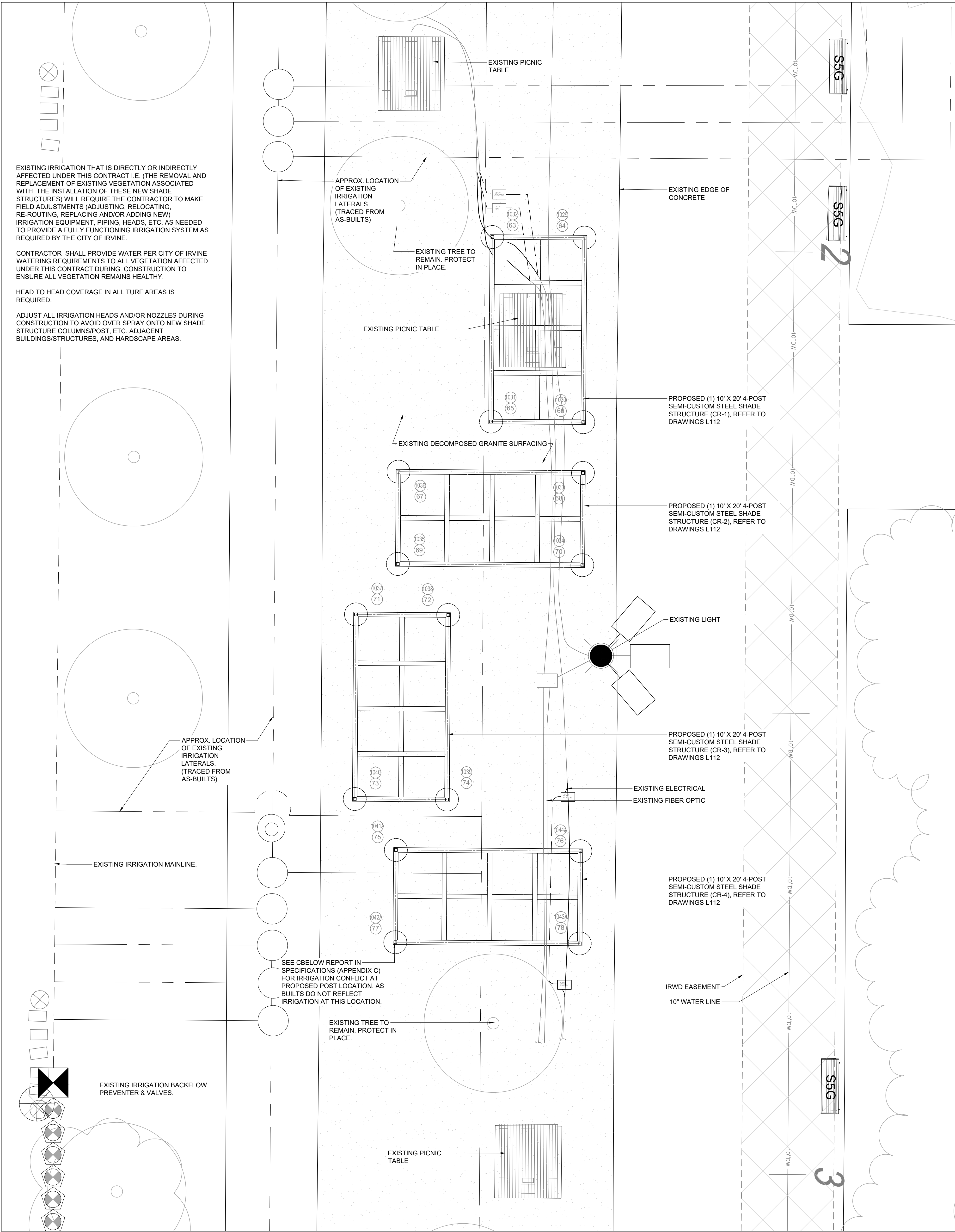
SHADE IMPROVEMENTS - PHASE 2
GREAT PARK (GP)
CHAMPIONSHIP ROW SEMI-CUSTOM CR-1, CR-2, CR-3 & CR-4 IRRIGATION PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK: 00565907 - CTIS
PERMIT - CIP # 372602

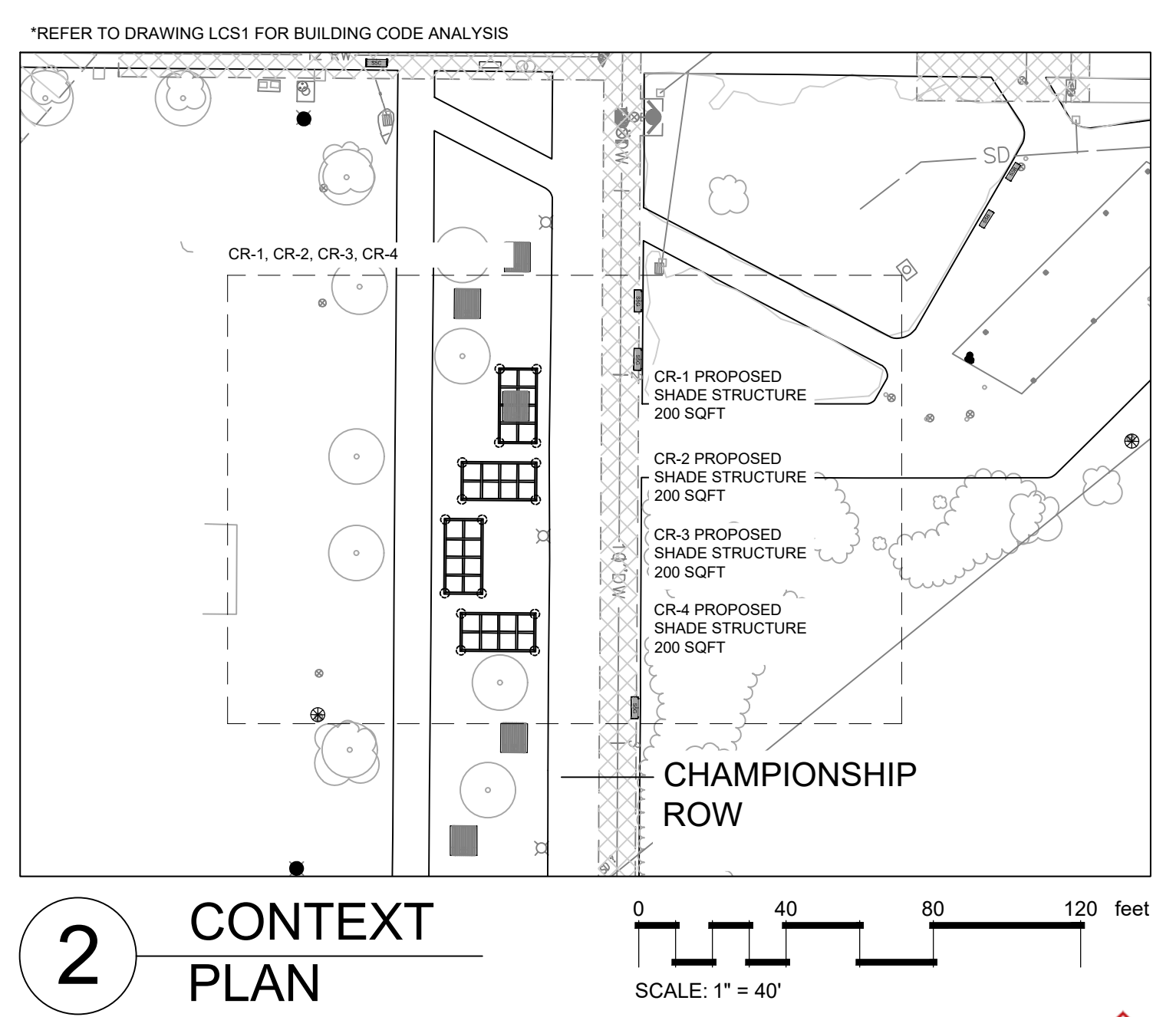
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NO. 2
DATE 08.21.2024
REVISIONS

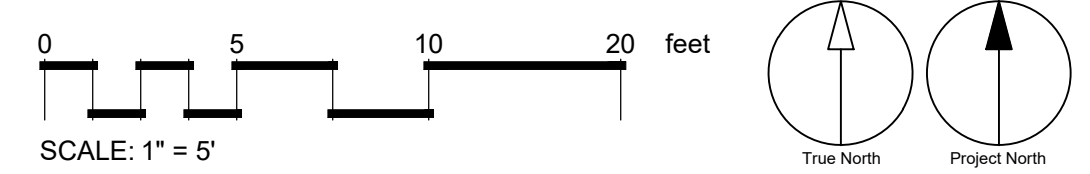


1 IRRIGATION PLAN

POST COORDINATES					
SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L112	CR-1	63	1032	6108649, 2191709	Cleared to 6" (2) 1" conduits exposed at 1.54'
		64	1029	6108659, 2191709	Cleared to 6"
		65	1031	6108649, 2191689	Cleared to 6"
		66	1030	6108659, 2191689	Cleared to 6"
L112	CR-2	67	1036	6108639, 2191683	Cleared to 6"
		68	1033	6108659, 2191683	Cleared to 6"
		69	1035	6108639, 2191673	Not potholed due to bench.
		70	1034	6108659, 2191673	Cleared to 6"
L112	CR-3	71	1037	6108635, 2191666	Cleared to 6"
		72	1038	6108645, 2191666	Cleared to 6"
		73	1040	6108634, 2191648	Cleared to 6"
		74	1039	6108644, 2191648	Cleared to 6"
L112	CR-4	75	1041A	6108639, 2191642	Cleared to 7"
		76	1044A	6108659, 2191642	Exposed (3) visible lines (2) 1" (1) 2"
		77	1042A	6108639, 2191632	Cleared to 6" Exposed 1" irrigation. Depth not reported.
		78	1043A	6108659, 2191632	Exposed (3) visible lines (2) 1" (1) 2"
DIMENSION CONTROL POINT COORDINATES					
CONTROL POINT		COORDINATES (E,N)		ELEVATION	
012		6108661, 2191663		291.9	
COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET					
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Arcadis, a California Partnership
Formerly H&M Group, a California Partnership

DESIGNED: BT JM
DRAWN: BT JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER: JENNIFER MOORE
LANDSCAPE ARCHITECT
LICENSE NO. 06302028
EXP. DATE: 06/30/2028

PLANS PREPARED BY: ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine, CA 92614-5000
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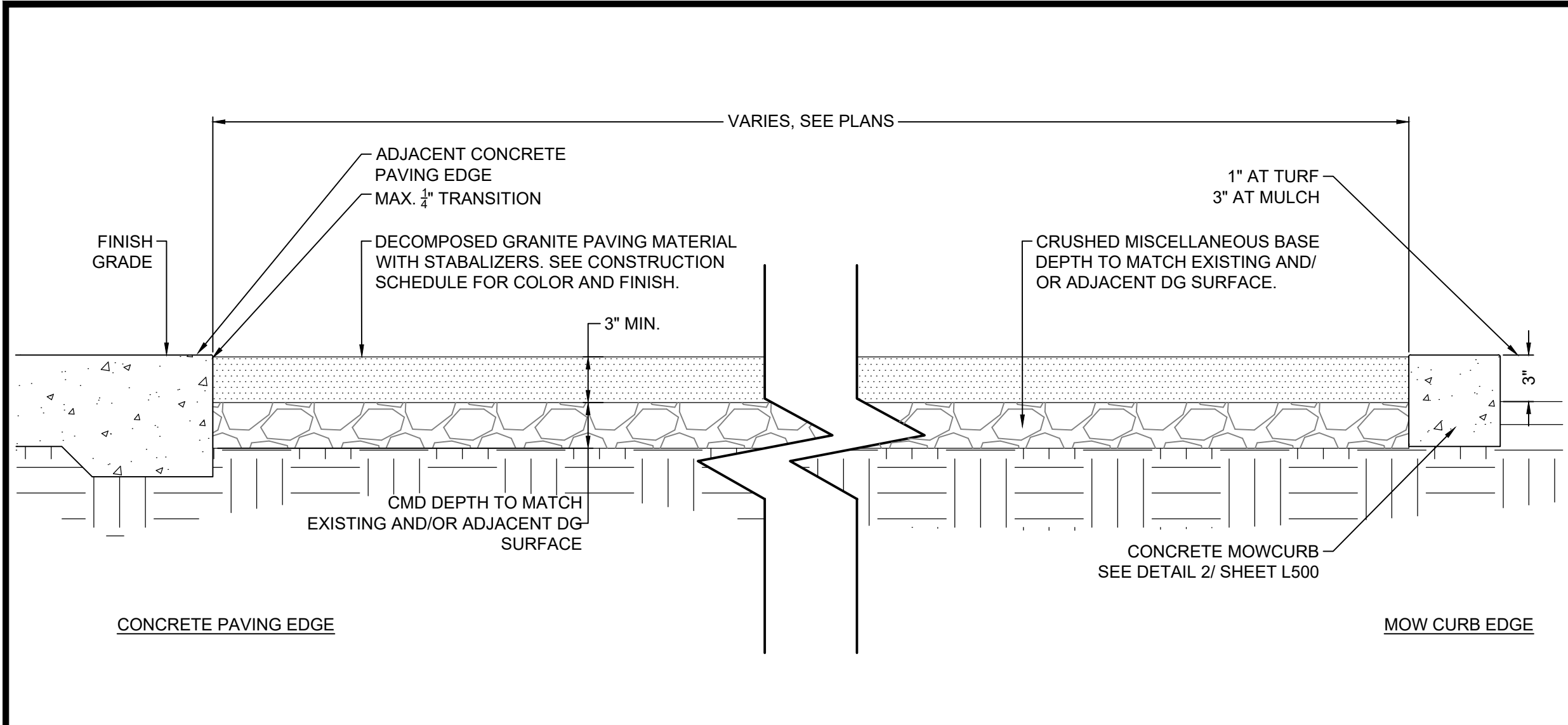
SHADE IMPROVEMENTS - PHASE 2
GREAT PARK (GP)
CHAMPIONSHIP ROW SEMI-CUSTOM CR-1, CR-2, CR-3 & CR-4 IRRIGATION PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

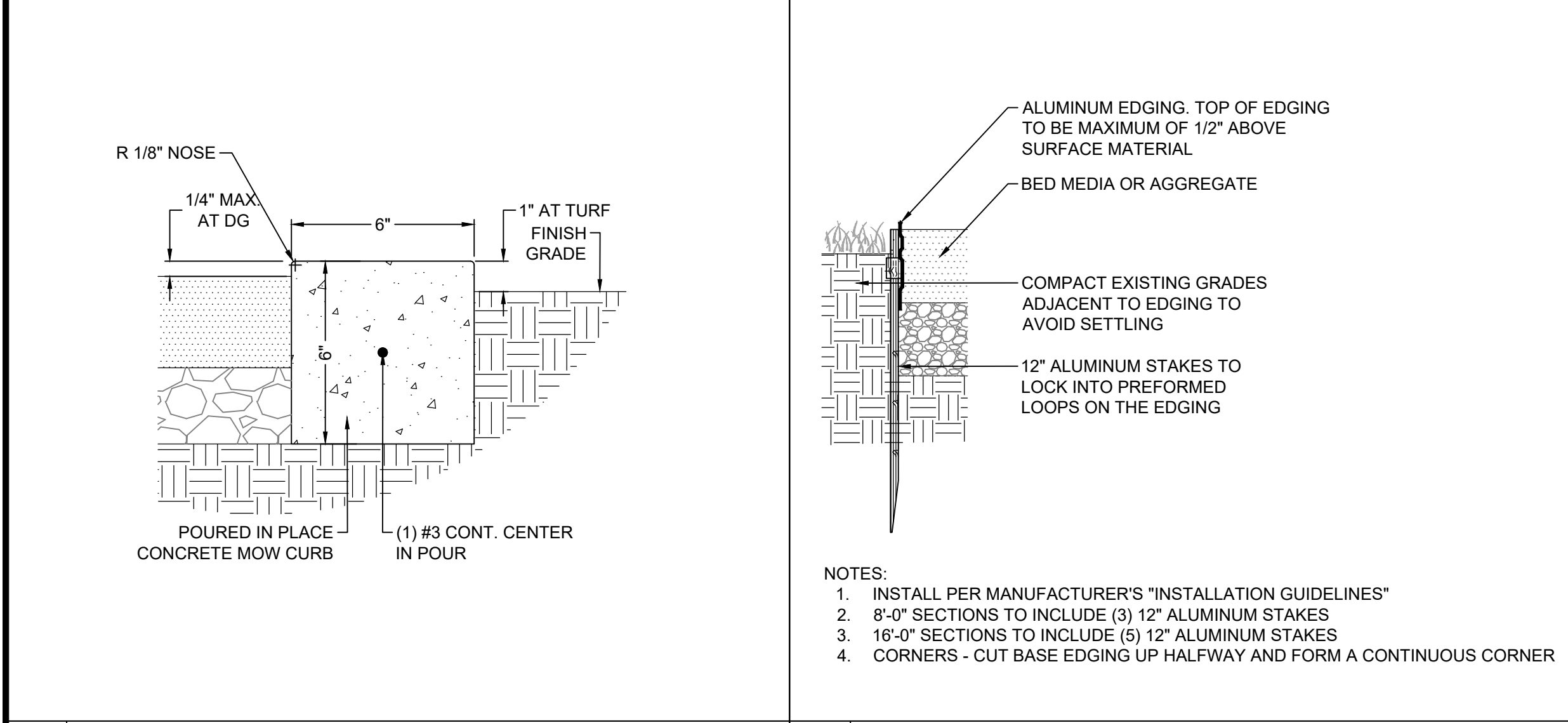
PLAN CHECK: 00565907 - CTIS
PERMIT - CIP # 372602

L212

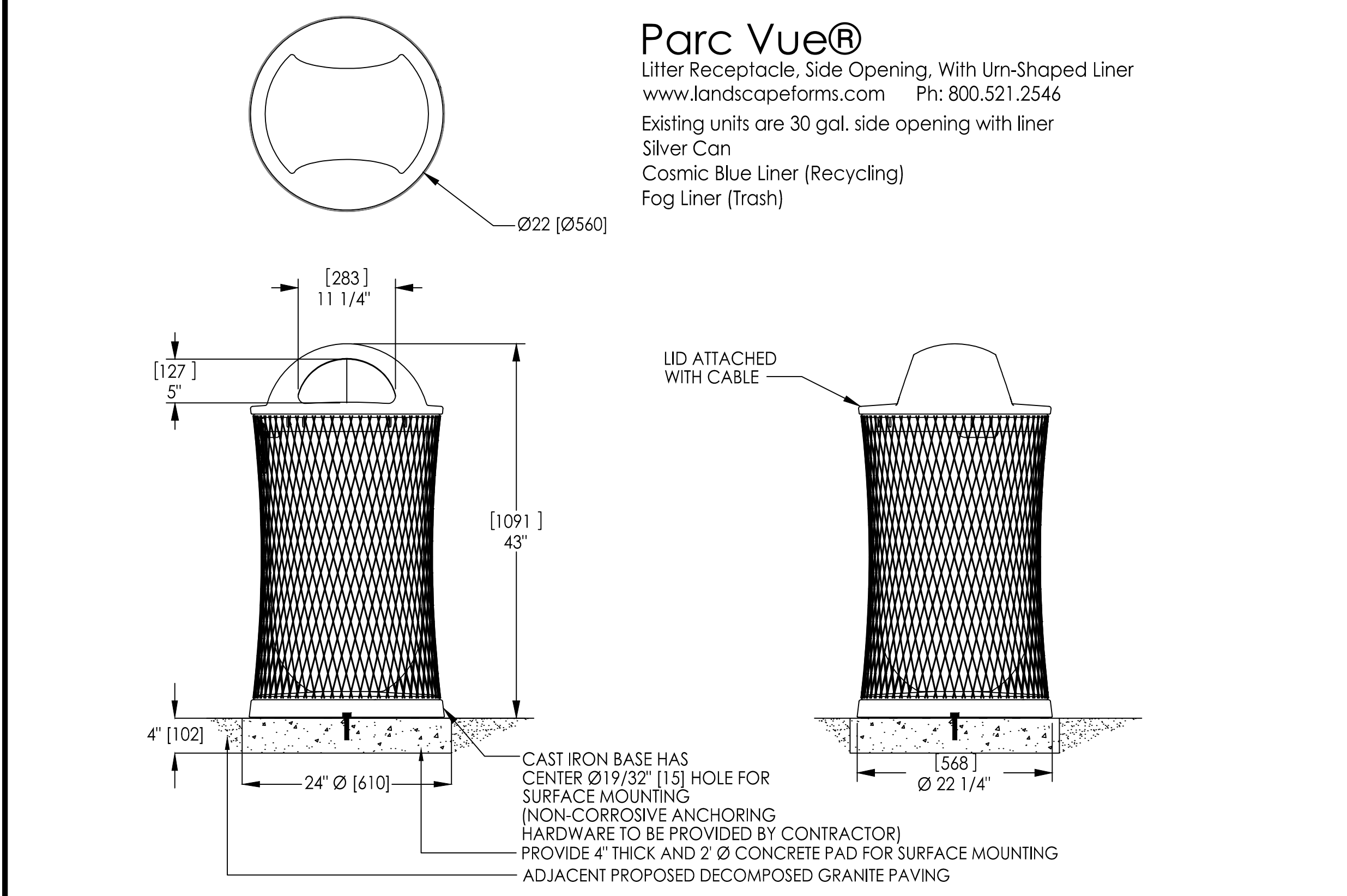
NO. 2
DATE 08.21.2024
REVISIONS



1 STABILIZED DECOMPOSED GRANITE SCALE 1-1/2" = 1'-0"



2 CONCRETE MOW CURB SCALE 3" = 1'-0" 3 METAL EDGING NOT TO SCALE



4 RE-INSTALLATION OF EXISTING TRASH & RECYCLING RECEPTACLES NOT TO SCALE

SHADE STRUCTURE DESIGNS SHOWS INTENT ONLY, STAMPED ENGINEERING TO BE SUBMITTED THROUGH DEFERRED SUBMITTAL FOR CITY OF IRVINE PERMITTING.

- NOTES:
- SHADE STRUCTURE DRAWINGS ARE A GRAPHIC REPRESENTATION OF FABRIC AND STEEL ONLY. NONE OF THE REQUIRED ATTACHMENT OR CONNECTION DETAILS HAVE BEEN DEPICTED BY ARCADIS.
 - ALL DIMENSIONS AND HEIGHTS MUST BE FIELD VERIFIED PRIOR TO ANY FINAL DESIGN, FABRICATION OR INSTALLATION WORK.
 - A STATE OF CALIFORNIA-LICENSED CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, CONSTRUCTION DOCUMENTS, PERMITTING, FABRICATION, SUPPLY, AND ERECTION OF THE WORK SPECIFIED, INCLUDING FOUNDATIONS. THE FINAL WORK PRODUCT DELIVERED TO THE OWNER SHALL MATCH THE DIMENSIONS AND APPEARANCE OF THE SHADE STRUCTURES SHOWN ON THE DRAWINGS, INCLUDING THE REQUIREMENTS CITED ON THE DRAWINGS AND IN THIS SPECIFICATION.
 - ALL 2-POST FULL-HIP CANTILEVER SHADE STRUCTURES SHALL HAVE A MINIMUM 10 FT. ENTRY HEIGHT AND STRUCTURAL COLUMNS SHALL BE A MINIMUM HSS 10 X 10 X 0.375 FOR ALL ASSOCIATED ENTRY HEIGHTS AND CANTILEVERED ARMS HSS OF 10 X 6 X 0.375.
 - ALL 2-POST HYPAR SAIL STRUCTURES SHALL HAVE 10 FT. AND 13 FT 9 INCHES ENTRY HEIGHTS AND STRUCTURAL COLUMNS SHALL BE A MINIMUM HSS OF 10 X 10 X 0.5 FOR ALL ASSOCIATED ENTRY HEIGHTS AND CANTILEVERED ARMS HSS OF 10 X 6 X 0.375.
 - ALL 3-POINT HYPAR SAIL STRUCTURES SHALL HAVE 10 FT. AND 16 FT. ENTRY HEIGHTS AND STRUCTURAL COLUMNS SHALL BE A MINIMUM HSS OF 12.75 X 0.375 FOR ALL ASSOCIATED ENTRY HEIGHTS.
 - ALL 4-POINT HYPAR SAIL STRUCTURES SHALL HAVE 10 FT. AND 16 FT. ENTRY HEIGHTS AND STRUCTURAL COLUMNS SHALL BE A MINIMUM HSS OF 8.625 X 0.322 FOR (PLAY-3 AND PLAY-4) AND A MINIMUM HSS OF 10.75 X 0.375 FOR (BKSC-1 AND PLAY-2) FOR ALL ASSOCIATED 10 FT. ENTRY HEIGHTS AND A MINIMUM HSS OF 10.75 X 0.375 FOR (BKSC-1) AND A MINIMUM HSS OF 10.75 X 0.365 FOR (PLAY-2, PLAY-3 AND PLAY-4) FOR ALL ASSOCIATED 16ft. ENTRY HEIGHTS.
 - THE FABRIC SHADE STRUCTURES SHALL BE MANUFACTURED BY A STATE OF CALIFORNIA-LICENSED FABRIC SHADE STRUCTURE CONTRACTOR AT TIME OF BID THAT INCLUDES THE ENGINEERING DRAWINGS, FABRIC ROOF, STEEL CABLES, ALL FASTENERS, AND ERECTION OF STRUCTURE(S). THE FABRIC SHADE STRUCTURE(S) SHALL CONFORM TO THE CURRENT ADOPTED VERSION OF THE CALIFORNIA BUILDING CODE 2022.
 - ALL FABRIC SHADE STRUCTURES SHALL BE DESIGNED AND ENGINEERED TO MEET THE APPLICABLE REQUIREMENTS OF THE 2022 EDITION OF THE CALIFORNIA BUILDING CODE (CBC) AND COMPANION REQUIREMENTS OF ASCE 7, 2022 EDITION, INCLUDING ANY ADDITIONAL OWNER REQUIREMENTS AND SUPPLEMENTAL PROVISIONS. ALL FABRIC SHADE STRUCTURES SHALL BE ENGINEERED WITH A ZERO-WIND PASS-THROUGH FACTOR ON THE FABRIC. WHEN ASD STEEL DESIGN METHOD IS USED BASED ON CBC 2022 SECTION 1605A.3.1, THE LOAD COMBINATIONS DEAD LOAD + 0.75 LIVE LOAD + 0.75 WIND LOAD, AND 0.6 DEAD LOAD + WIND LOAD MUST BE ANALYZED.
 - STEEL, ALL STEEL MEMBERS OF THE FABRIC SHADE STRUCTURE SHALL BE DESIGNED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE 'AMERICAN INSTITUTE OF STEEL CONSTRUCTION' (AISC) SPECIFICATIONS AND THE 'AMERICAN IRON AND STEEL INSTITUTE' (AISI) SPECIFICATIONS FOR COLD-FORMED MEMBERS AND MANUFACTURED IN A IAS- (INTERNATIONAL ACCREDITATION SERVICE) ACCREDITED FACILITY FOR STRUCTURAL STEEL FABRICATION UNDER CBC 2022 SECTION 1704.2.5.2.
 - BOLTS: ALL STRUCTURAL FIELD CONNECTIONS OF THE SHADE STRUCTURE SHALL BE DESIGNED AND MADE WITH HIGH STRENGTH BOLTED CONNECTIONS PER ASTM A325 ST (SNUG TIGHTENED), TYPE 1, WHERE APPLICABLE. ALL STAINLESS-STEEL BOLTS SHALL COMPLY WITH ASTM F593, ALLOY GROUP 1 OR 2 AND NUTS SHALL COMPLY WITH ASTM F-594, ALLOY GROUP 1 OR 2.
 - WELDING: ALL SHOP-WELDED CONNECTIONS OF THE FABRIC SHADE STRUCTURE SHALL BE DESIGNED AND PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 'AMERICAN WELDING SOCIETY' (AWS) SPECIFICATIONS. STRUCTURAL WELDS SHALL BE MADE IN COMPLIANCE WITH THE REQUIREMENTS OF THE 'PRE-QUALIFIED' WELDED JOINTS, WHERE APPLICABLE AND BY CERTIFIED WELDERS. NO ONSITE OR FIELD WELDING SHALL BE PERMITTED. ALL FULL PENETRATION WELDS SHALL BE CONTINUOUSLY INSPECTED BY AN INDEPENDENT INSPECTION AGENCY AND SHALL BE TESTED TO THE REQUIREMENT OF THE CBC.
 - FABRIC SHADE STRUCTURE POWDER COATING: GALVANIZED STEEL TUBING PREPARATION PRIOR TO POWDER COATING SHALL BE EXECUTED IN ACCORDANCE WITH SOLVENT CLEANING SSPC-SP-1. POWDER COATING SHALL BE SUFFICIENTLY APPLIED (MINIMUM 3 MILS THICKNESS) AND CURED AT THE RECOMMENDED TEMPERATURE TO PROVIDE PROPER ADHESION AND STABILITY TO MEET SALT SPRAY AND ADHESION TESTS, AS DEFINED BY THE AMERICAN SOCIETY OF TESTING MATERIALS. WHEN THE FABRIC SHADE STRUCTURE(S) WILL BE LOCATED WITHIN 15 MILES OF THE OCEAN OR STANDING BODY OF WATER, RUST PROTECTION UNDERCOAT PRIMER SUCH AS A ZINC RICH PRIMER SUITABLE FOR EXTERIOR MARINE ENVIRONMENTS WILL BE REQUIRED ON ALL STRUCTURES. PRIMER SHALL BE FUSED ONLY AND THEN TOP COATED WITH THE SELECTED POWDER COAT TO ENSURE PROPER INTER-COAT ADHESION.
 - UV SHADE FABRIC: UV SHADE FABRIC SHALL BE MINIMUM A UV-STABILIZED, HIGH-DENSITY POLYETHYLENE (HDPE), FABRIC SHALL BE: COLOURSHADE FR BY MULTI-KNIT (®F-52001) OR APPROVED EQUAL AND SHALL ADHERE TO THE FOLLOWING FABRIC PROPERTIES:
 - LIFE EXPECTANCY: MINIMUM 10 YEARS WITH CONTINUOUS EXPOSURE TO THE SUN
 - FADING: MINIMUM FADING AFTER 5 YEARS (3 YEARS FOR RED)
 - FABRIC MASS: MINIMUM 5.31 OZ/YD2 ~ 5.6 OZ/YD2 (180GSM ~ 190GSM)
 - FABRIC SHALL MEET THE FOLLOWING FLAME SPREAD AND FIRE PROPAGATION TESTS: ASTM E-84, NFPA 701 TEST METHOD 2, and CALIFORNIA'S OFFICE OF THE STATE FIRE MARSHAL, REGISTERED FLAME-RESISTANT PRODUCT
 - STITCHING & THREAD: ALL SEWING SEAMS ARE TO BE DOUBLE-STITCHED
 - THREAD SHALL MEET OR EXCEED THE FOLLOWINGS: FLEXIBLE TEMPERATURE RANGE, VERY LOW SHRINKAGE FACTOR, EXTREMELY HIGH STRENGTH, DURABLE IN OUTDOOR CLIMATES, RESISTS FLEX AND ABRASION OF FABRIC, UNAFFECTED BY CLEANING AGENTS, ACID RAIN, MILDEW, SALT WATER, AND IS UNAFFECTED BY MOST INDUSTRIAL POLLUTANTS, TREATED FOR PROLONGED EXPOSURE TO THE SUN, AND IS ROT RESISTANT.
 - INSTALLATION: THE INSTALLATION OF FABRIC SHADE STRUCTURES SHALL BE PERFORMED BY PERSONNEL WITH DEMONSTRATED EXPERIENCE IN THE ERECTION OF TENSIONED FABRIC STRUCTURES. THE INSTALLATION SHALL COMPLY WITH THE MANUFACTURER'S INSTRUCTIONS FOR ASSEMBLY, INSTALLATION, AND ERECTION, PER APPROVED DRAWINGS.
 - CONCRETE: UNLESS NOTED OTHERWISE FOR FOUNDATIONS BY THE FOUNDATION DESIGN ENGINEER, THE CONCRETE SPECIFICATION FOR FOOTINGS AND/OR PIERS SHALL MEET A MINIMUM 4,000 PSI 28-DAY STRENGTH. CONCRETE WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE LATEST EDITION OF AMERICAN CONCRETE BUILDING CODE ACI 318. ALL REINFORCEMENT SHALL CONFORM TO ASTM A-615 GRADE 60. REINFORCING STEEL SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE LATEST ACI DETAILING MANUAL AND MANUAL OF STANDARD PRACTICE. THE CONTRACTOR SHALL NOT POUR ANY CONCRETE WHEN THE DAILY AMBIENT TEMPERATURE IS TO BE BELOW 55 DEGREES FAHRENHEIT.



Shade fabrics that meet or exceed the specifications will be considered for equivalency - green is to match existing, yellow is a new color for the park - submittals must include CALFIRE Fabric Registration Number. Contact information for Multiknit is located on www.multiknit.com.



Powder coating that meet or exceed the specifications will be considered for equivalency - white powder coat color must match existing structures in the park.

FLAME RETARDANT
Fabric Registration
LICENSE NUMBER: F-052001
COLOURSHADE 190/F5

Product Marketed by:
MULTIKNIT (PTY) LTD
BOX 798 WHITE RIVER 1240
MPUMALANGA SOUTH AFRICA.

Issue Date : 05/19/2025
Expiration Date : 06/30/2026

This product meets the minimum requirements of flame resistance established by the California State Fire Marshal for products identified in Section 13115, California Health and Safety Code. The scope of the approved use of this product is provided in the current edition of the CALIFORNIA APPROVED LIST OF FLAME RETARDANT CHEMICALS AND FABRICS, GENERAL AND LIMITED APPLICATIONS CONCERNS published by the California State Fire Marshal.

Issued By Courtney Walker
Fire Engineering License Manager
Fire Engineering & Investigations Division

Reviewed and Approved By Patricia Setter
Program Coordinator
Fire Engineering & Investigations Division

OFFICE OF THE STATE FIRE MARSHAL

Please visit uatcalfire.govmotus.org for more information on Licensing and Permitting with CAL FIRE

Shade fabrics that meet or exceed the specifications will be considered for equivalency - submittals must include CALFIRE Fabric Registration Number. Contact information for Multiknit is located on www.multiknit.com.

DESIGNED:	2	7	NO.	DATE
DRAWN:	6	AO JM	AS INDICATED	
CHECKED:	5	AO JM		
DATE:	4	JM		
SCALE:	3	06.08.2025		
	2			
	1			

DEVELOPER:

PLANS PREPARED BY:

ARCADIS

18401 Von Karman Avenue • Suite 300
Irvine, CA 92614-5000 USA
Tel: 949.253.5868
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT

06/30/2026
LICENSE NO. EXP. DATE

REPORT #

DATE

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
CANOPY SCHEMATICS & DETAILS

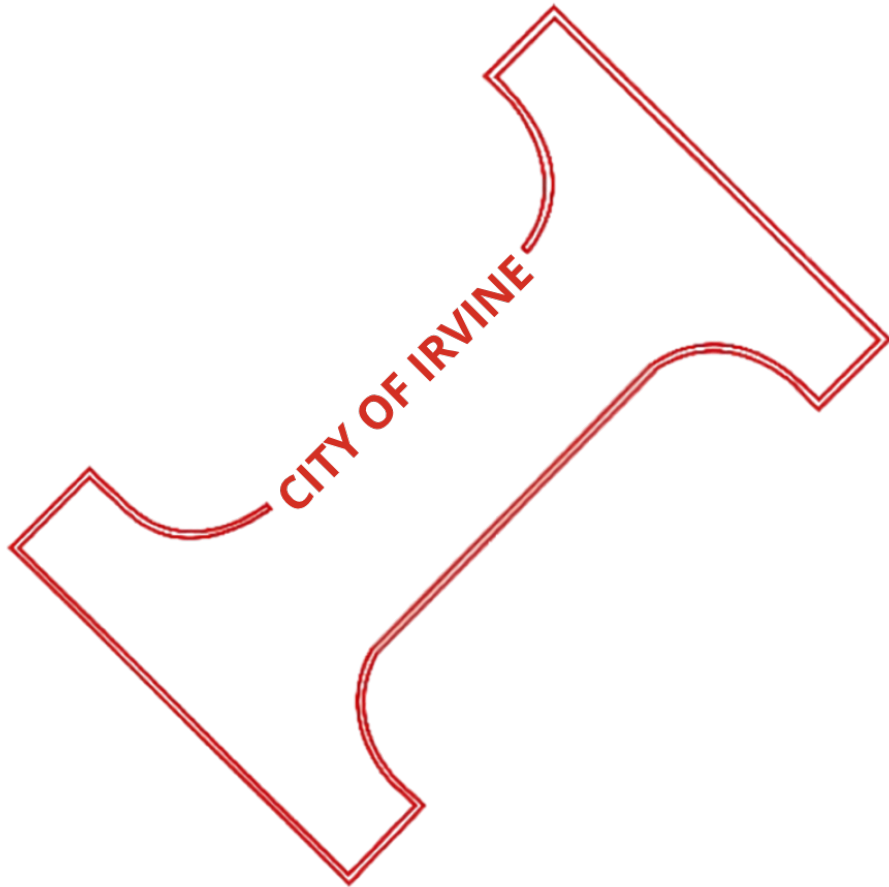
CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

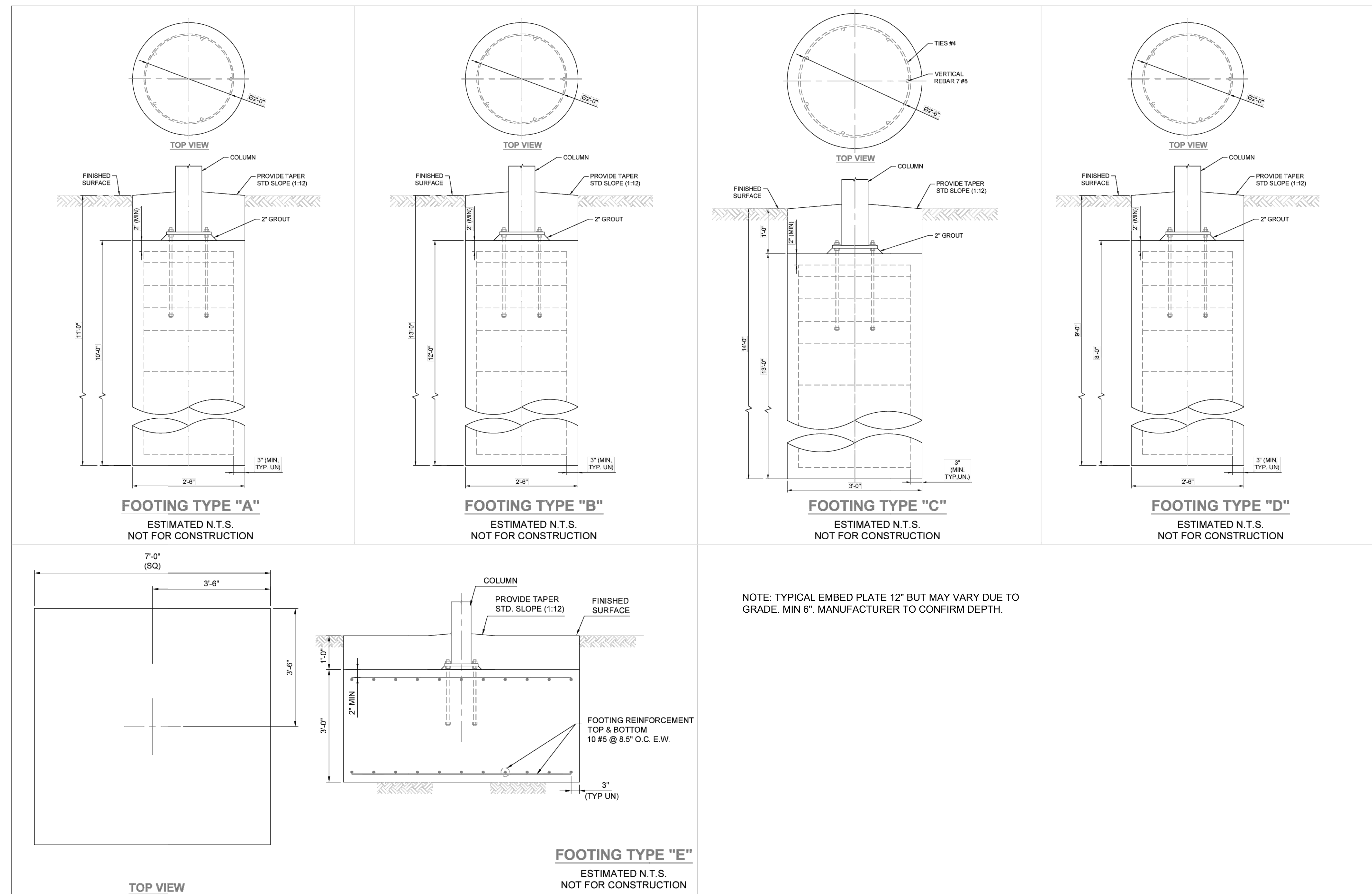
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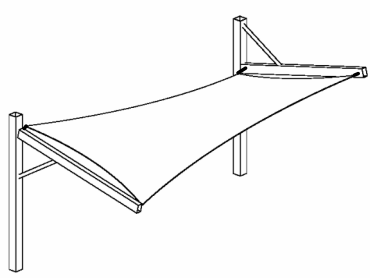
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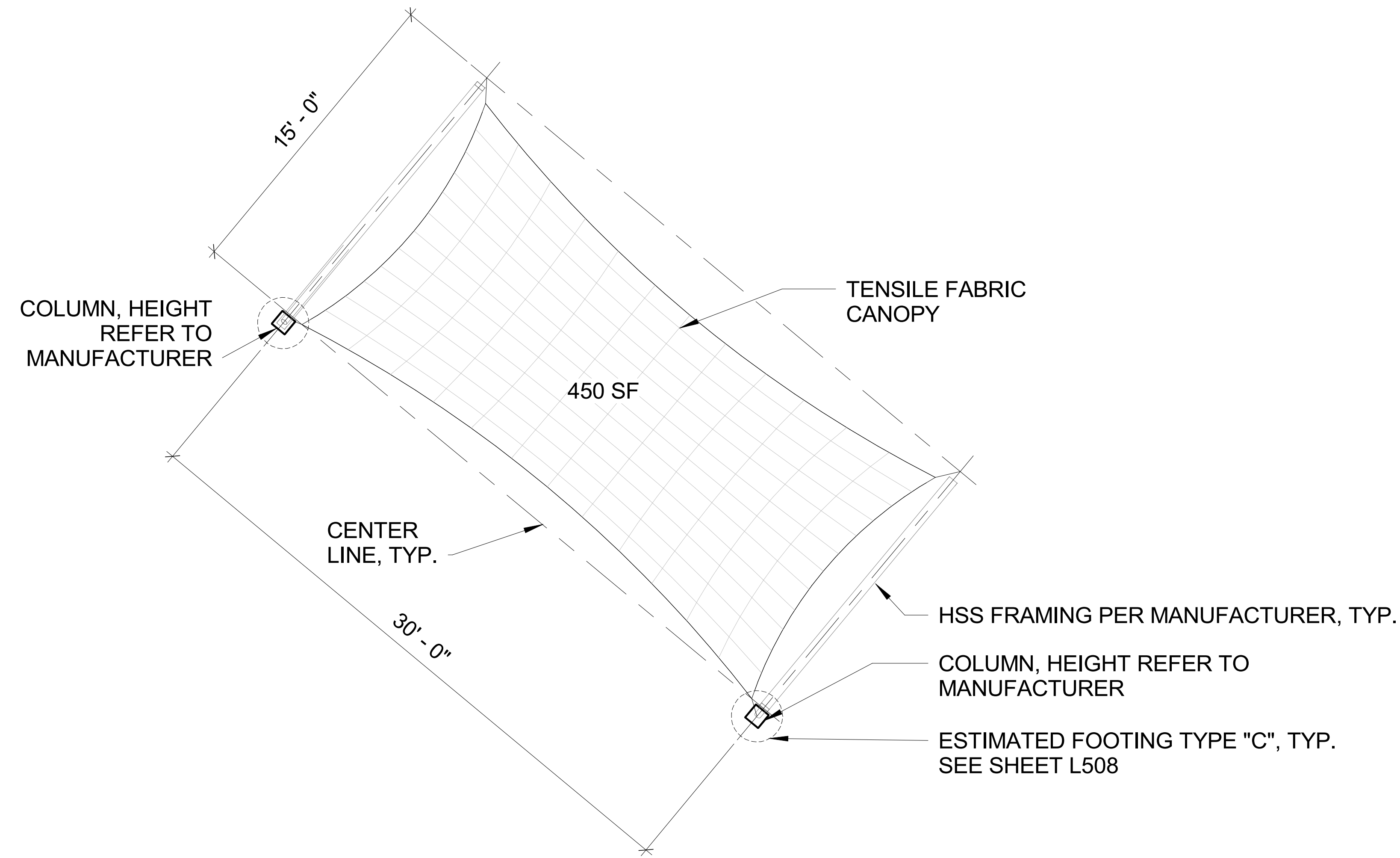
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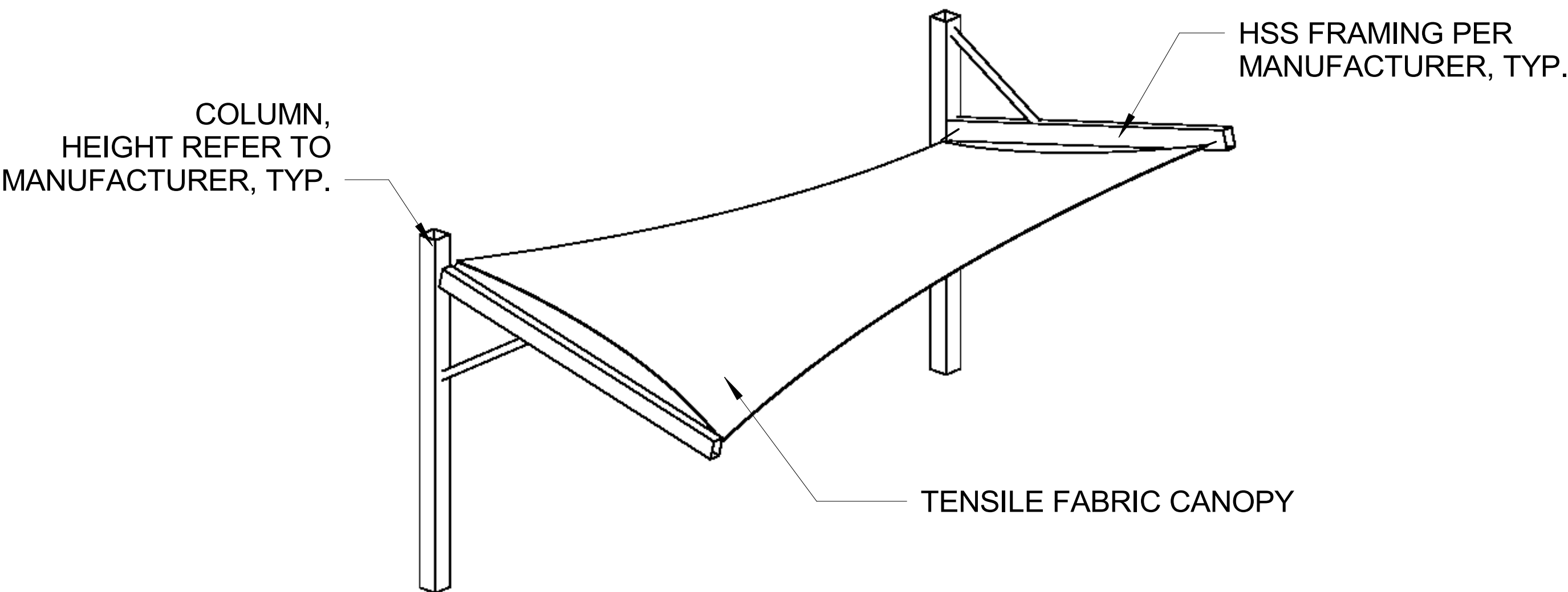




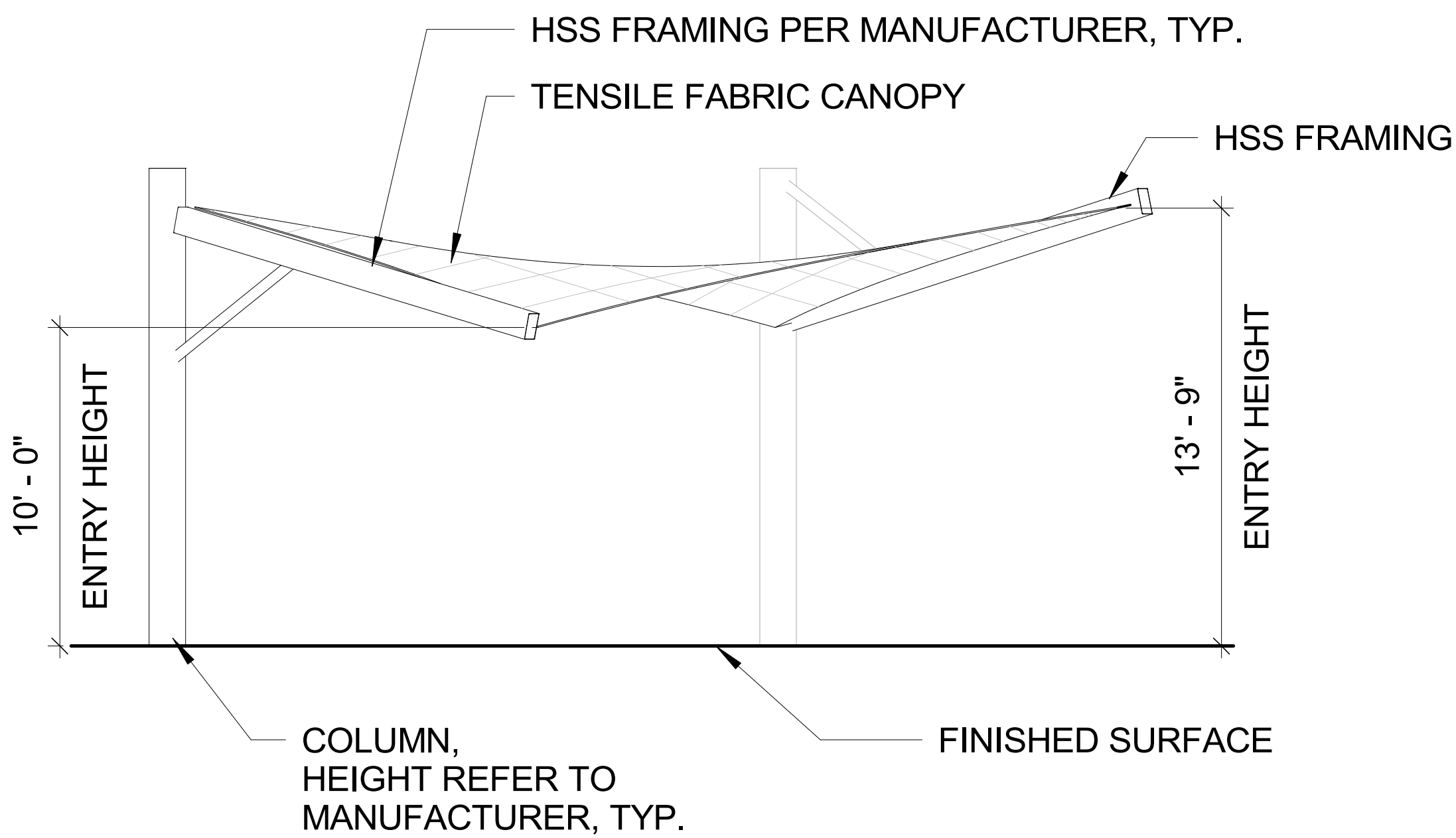
PLAY CANOPY - PLAY-1
YELLOW FABRIC, WHITE POSTS
REFER TO SHEET L000 FOR MATERIALS SCHEDULE
REFER TO SHEET L102 FOR LAYOUT AND GRADING



PLAN VIEW



PERSPECTIVE VIEW



EAST ELEVATION

NOTES:

DETAIL IS FOR REFERENCE ONLY - THEY ARE A PICTORIAL REPRESENTATION TO SHOW DESIGN INTENT FOR THE FABRIC AND STEEL ONLY - NONE OF THE REQUIRED ATTACHMENTS OR CONNECTION DETAILS HAVE BEEN DEPICTED - NOT TO SCALE - NOT FOR CONSTRUCTION.

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CONTRACTOR SHALL PROVIDE STAMPED, SIGNED ENGINEERING DRAWINGS INCLUDING STRUCTURAL CALCULATIONS FOR CITY OF IRVINE PERMITTING THROUGH DEFERRED SUBMITTAL.

DESIGNED: Designer

DRAWN: Author

CHECKED: Checker

DATE: 06.23.2025

SCALE: AS INDICATED

7

6

5

4

3

2

1

NO.

DATE

DATE

DATE

DATE

DATE

DATE

DATE

REVISIONS

DEVELOPER:

SOILS ENGINEER:

REPORT #

DATE

PLANS PREPARED BY:

ARCADIS

18401 Von Karman Avenue - Suite 300

Irvine, CA 92614

tel 949.633.6592

www.arcadis.com

JENNIFER MOORE

LANDSCAPE ARCHITECT

06/30/2026

LICENSE NO. EXP. DATE

SHADE IMPROVEMENTS - PHASE 2 & 3

GREAT PARK (GP)

SHADE STRUCTURE - PLAY-1

CITY OF IRVINE

COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK: 00956907 - CTIS

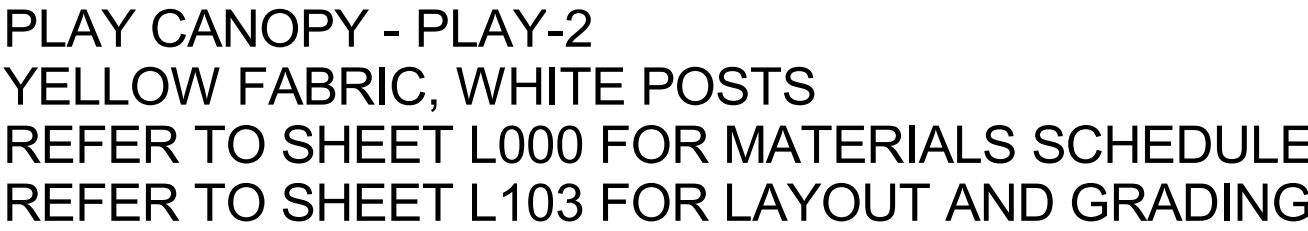
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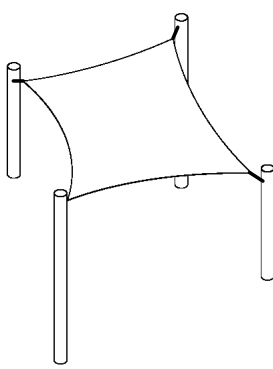
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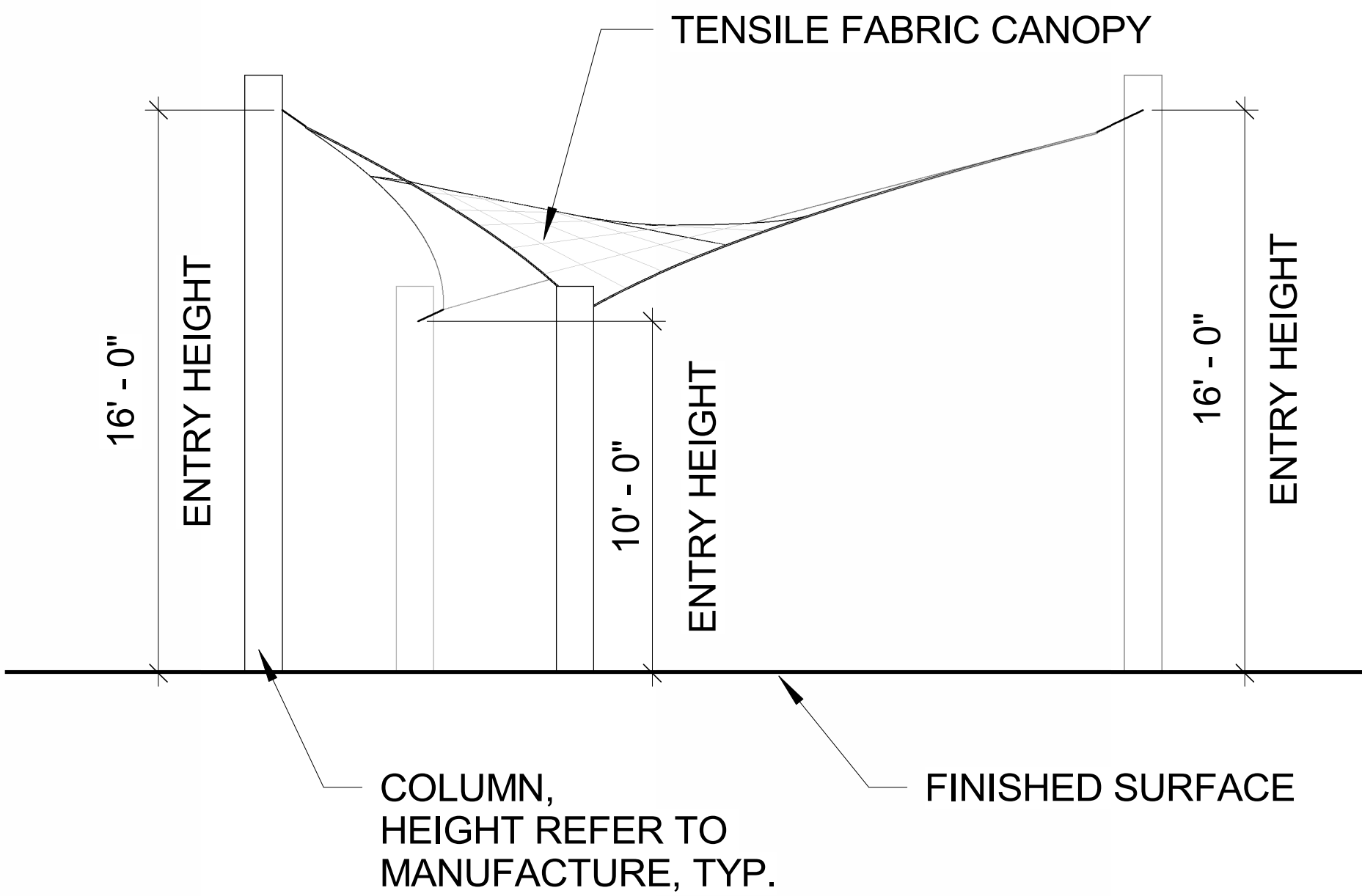
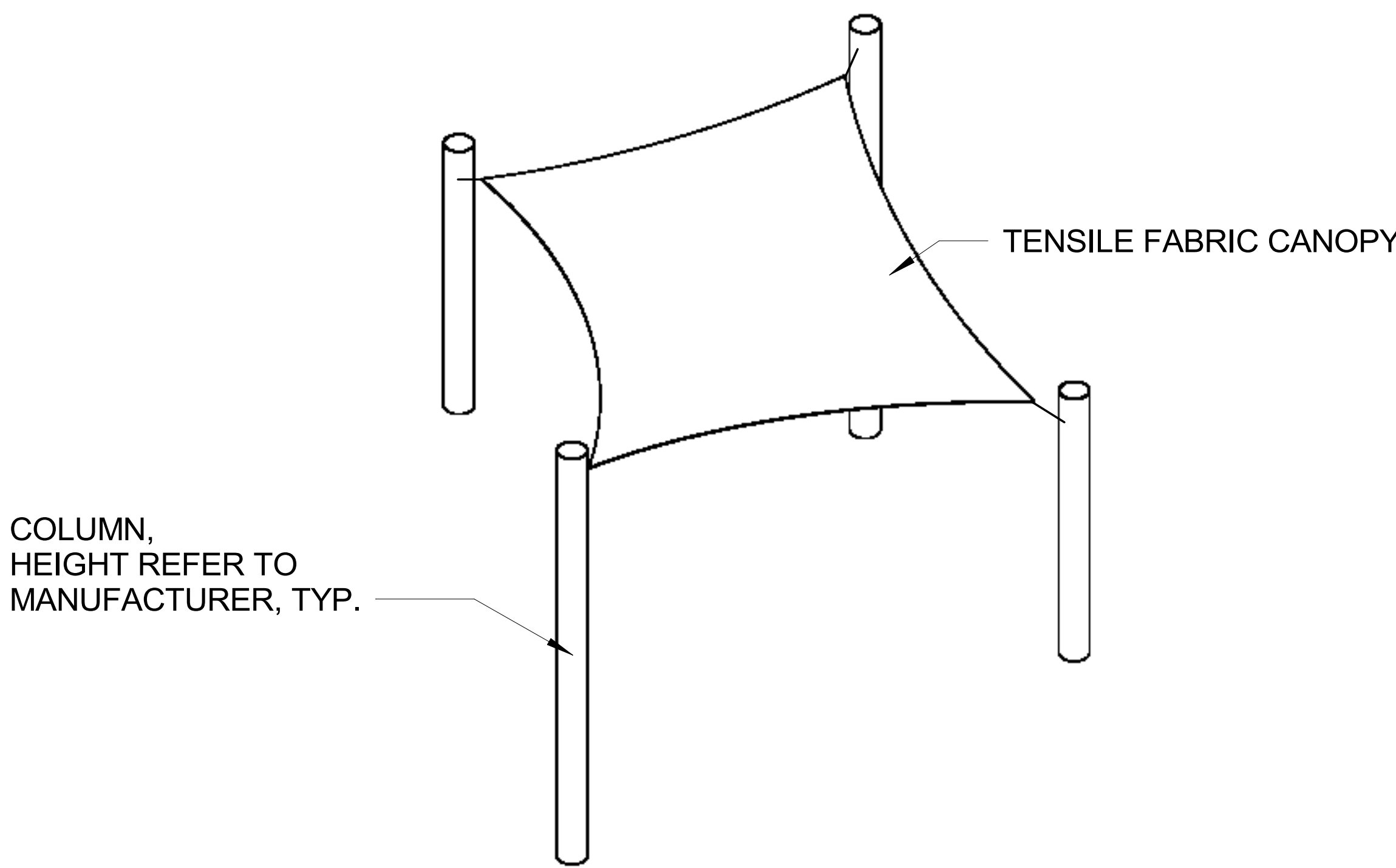
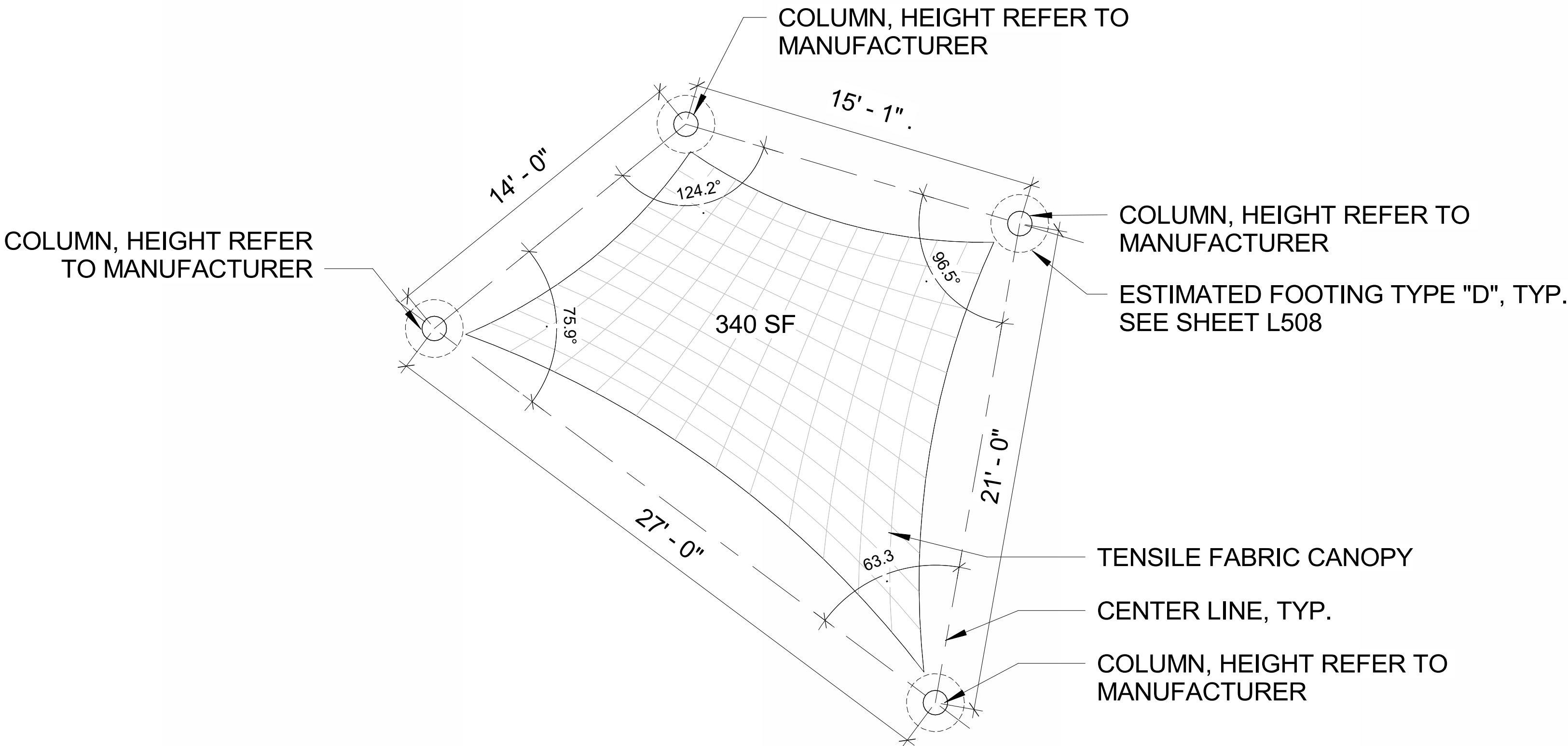
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L504



PLAY CANOPIES - PLAY-3
YELLOW FABRIC, WHITE POSTS
REFER TO SHEET L000 FOR MATERIALS SCHEDULE
REFER TO SHEET L103 FOR LAYOUT AND GRADING



NOTES:

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PLANS PREPARED BY:
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Irvine, CA 92614
Tel: 949.633.6592
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT
06/30/2028
LICENSE NO. EXP. DATE

DESIGNED: Designer
DRAWN: Author
CHECKED: Checker
DATE: 06.23.2025
SCALE: AS INDICATED

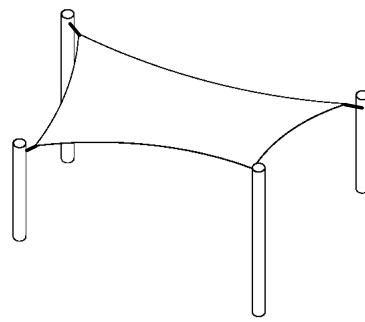
DEVELOPER: SOILS ENGINEER: REPORT # DATE

SHADE IMPROVEMENTS - PHASE 2 & 3
GREAT PARK (GP)
SHADE STRUCTURE - PLAY-3
CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

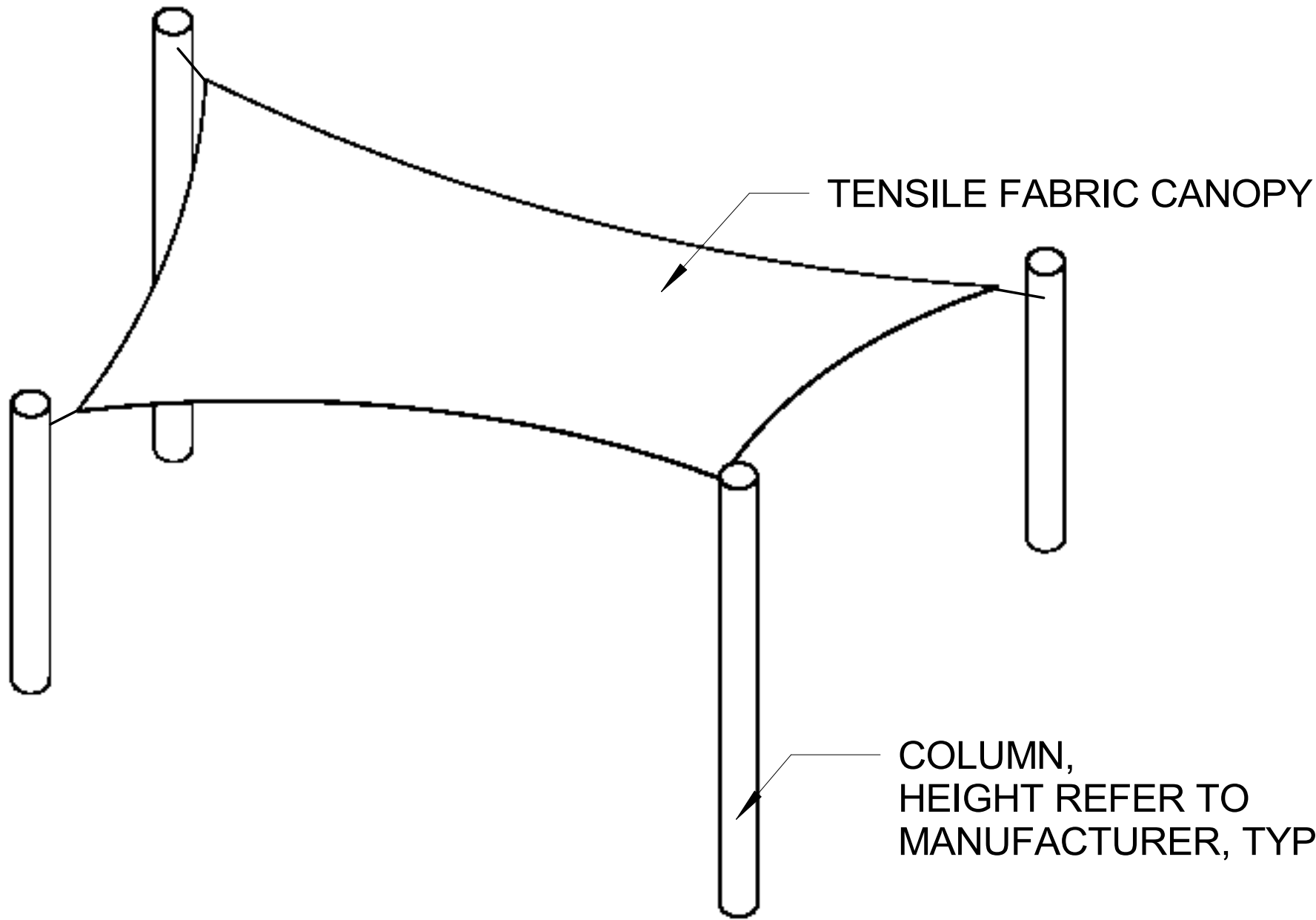
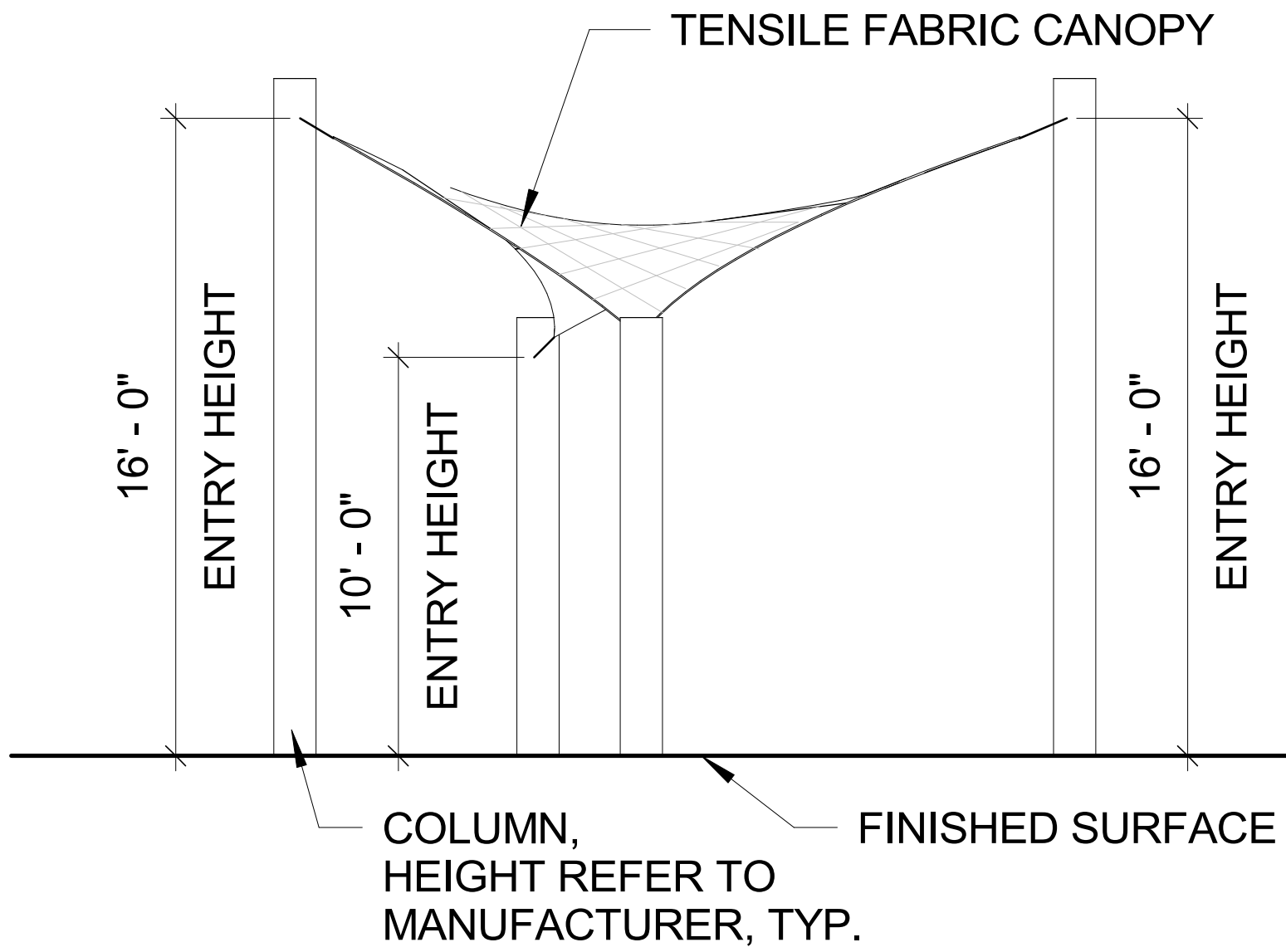
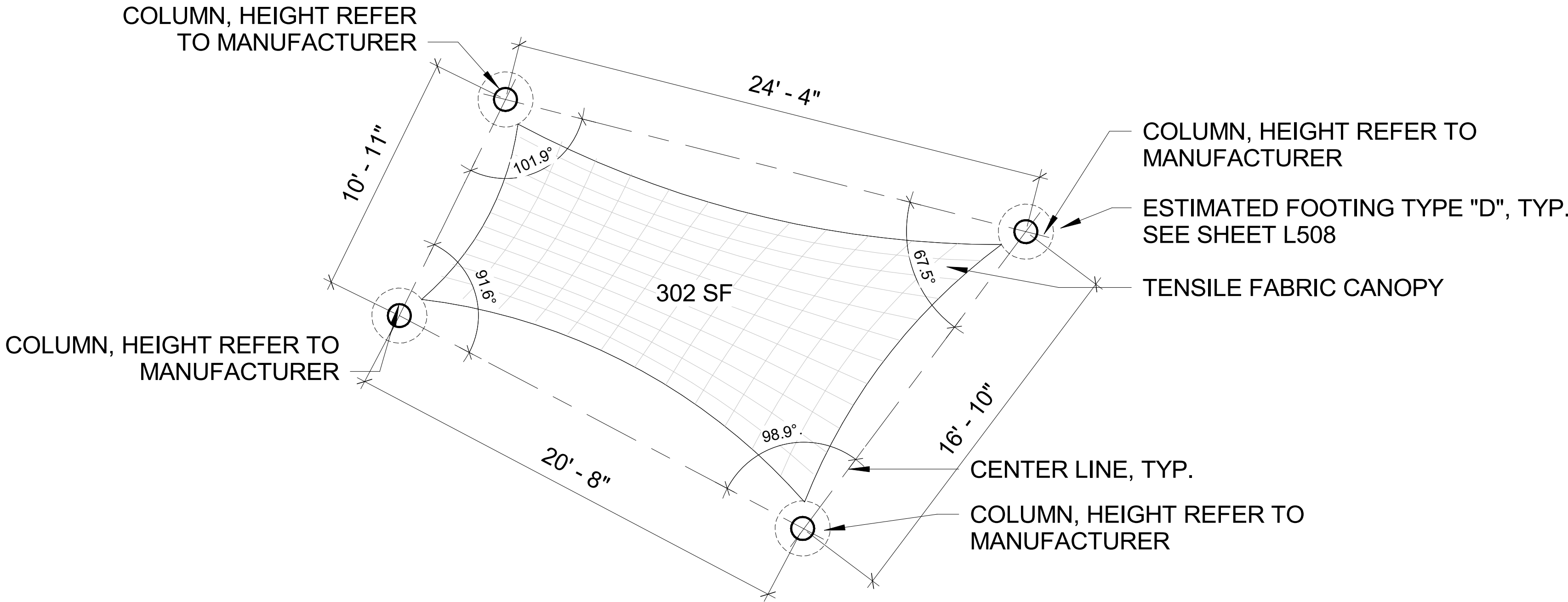
PLAN CHECK: 00956907 - CTIS
PERMIT: CIP # 372602

L505

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6
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1
NO. DATE
REVISIONS



PLAY CANOPIES - PLAY-4
YELLOW FABRIC, WHITE POSTS
REFER TO SHEET L000 FOR MATERIALS SCHEDULE
REFER TO SHEET L103 FOR LAYOUT AND GRADING



NOTES:

DETAIL IS FOR REFERENCE ONLY - THEY ARE A PICTORIAL REPRESENTATION TO SHOW DESIGN INTENT FOR THE FABRIC AND STEEL ONLY - NONE OF THE REQUIRED ATTACHMENTS OR CONNECTION DETAILS HAVE BEEN DEPICTED - NOT TO SCALE - NOT FOR CONSTRUCTION.

ALL DIMENSIONS & HEIGHTS SHALL BE FIELD VERIFIED PRIOR TO ANY FINAL DESIGN, FABRICATION OR INSTALLATION WORK.

CONTRACTOR SHALL PROVIDE STAMPED, SIGNED ENGINEERING DRAWINGS INCLUDING STRUCTURAL CALCULATIONS FOR CITY OF IRVINE PERMITTING THROUGH DEFERRED SUBMITTAL.

DESIGNED: Designer
DRAWN: Author
CHECKED: Checker
DATE: 06.23.2025
SCALE: AS INDICATED

DEVELOPER: SOILS ENGINEER: REPORT # DATE

LANDSCAPE ARCHITECT
JENNIFER MOORE
LICENSE NO. 63345982
06/30/2028

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine, CA 92614
www.arcadis.com

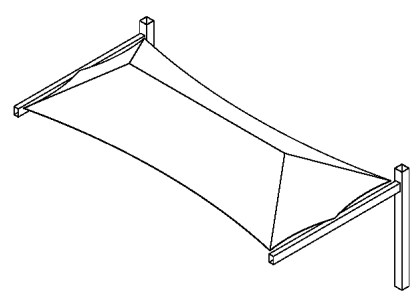
LANDSCAPE ARCHITECT: JENNIFER MOORE
LICENSE NO. 63345982
06/30/2028

SHADE IMPROVEMENTS - PHASE 2 & 3
GREAT PARK (GP)
SHADE STRUCTURE - PLAY-4
CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

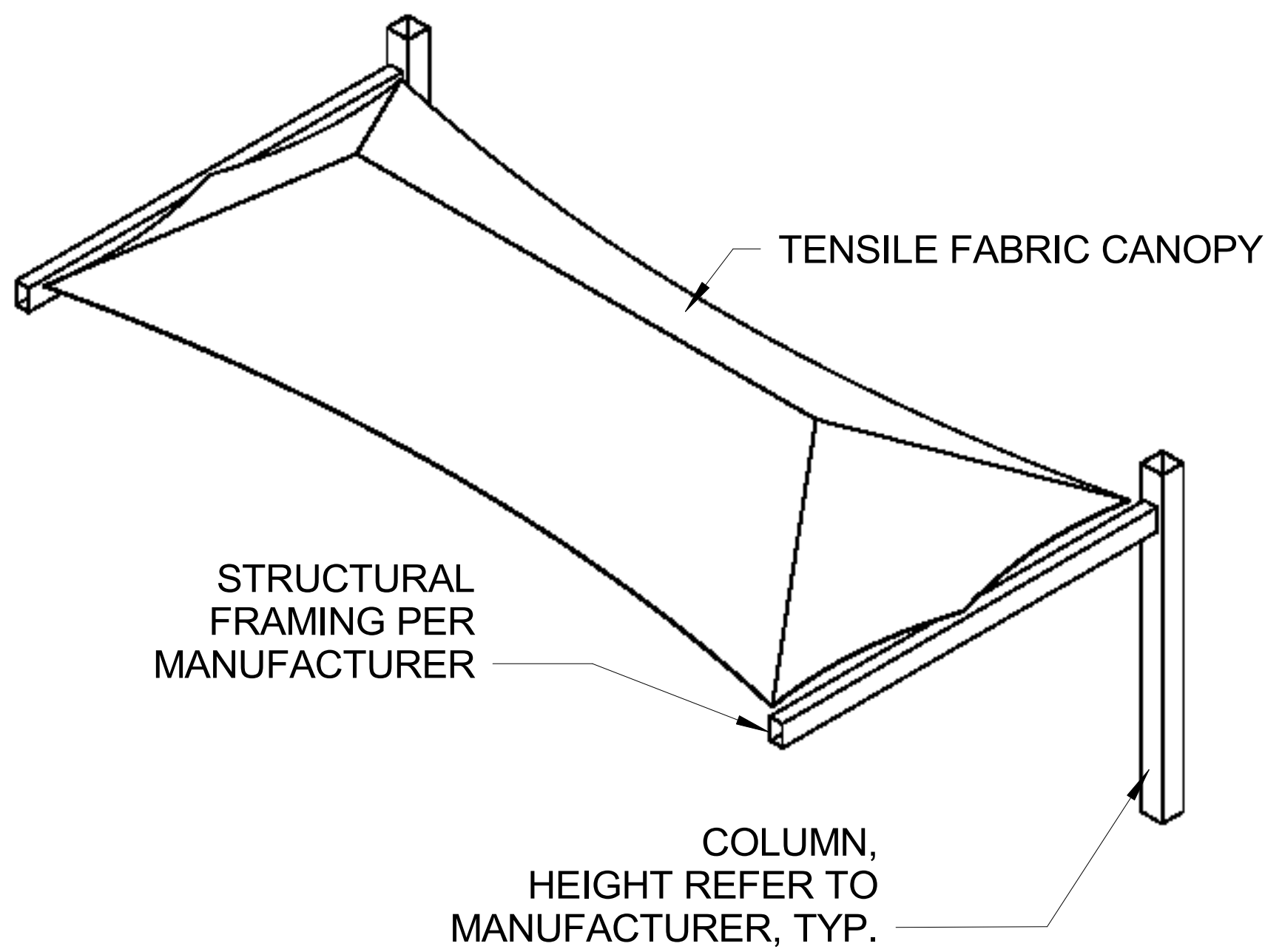
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PERMIT: CIP # 372602

L506

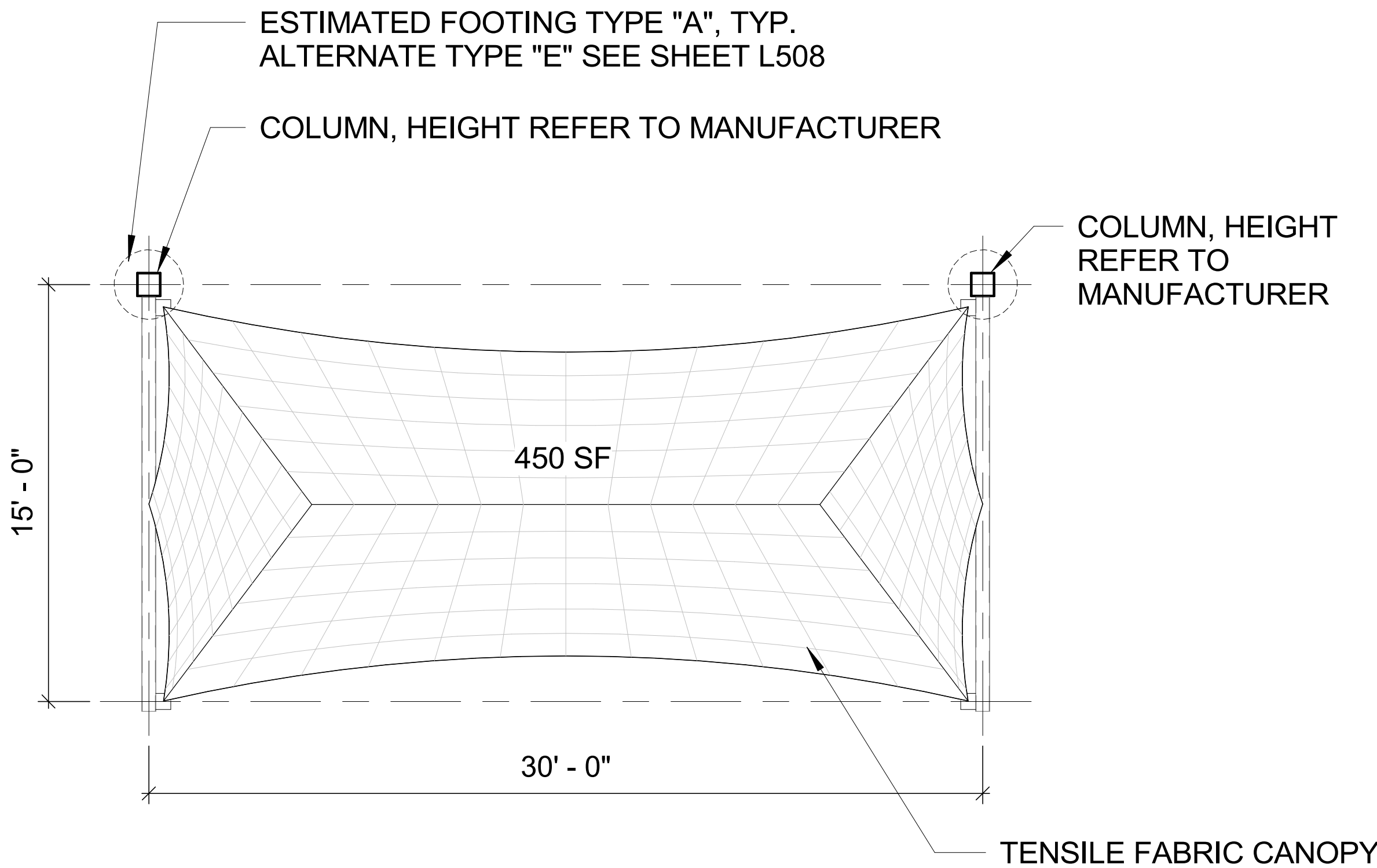
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3
2
1
NO. DATE
REVISIONS



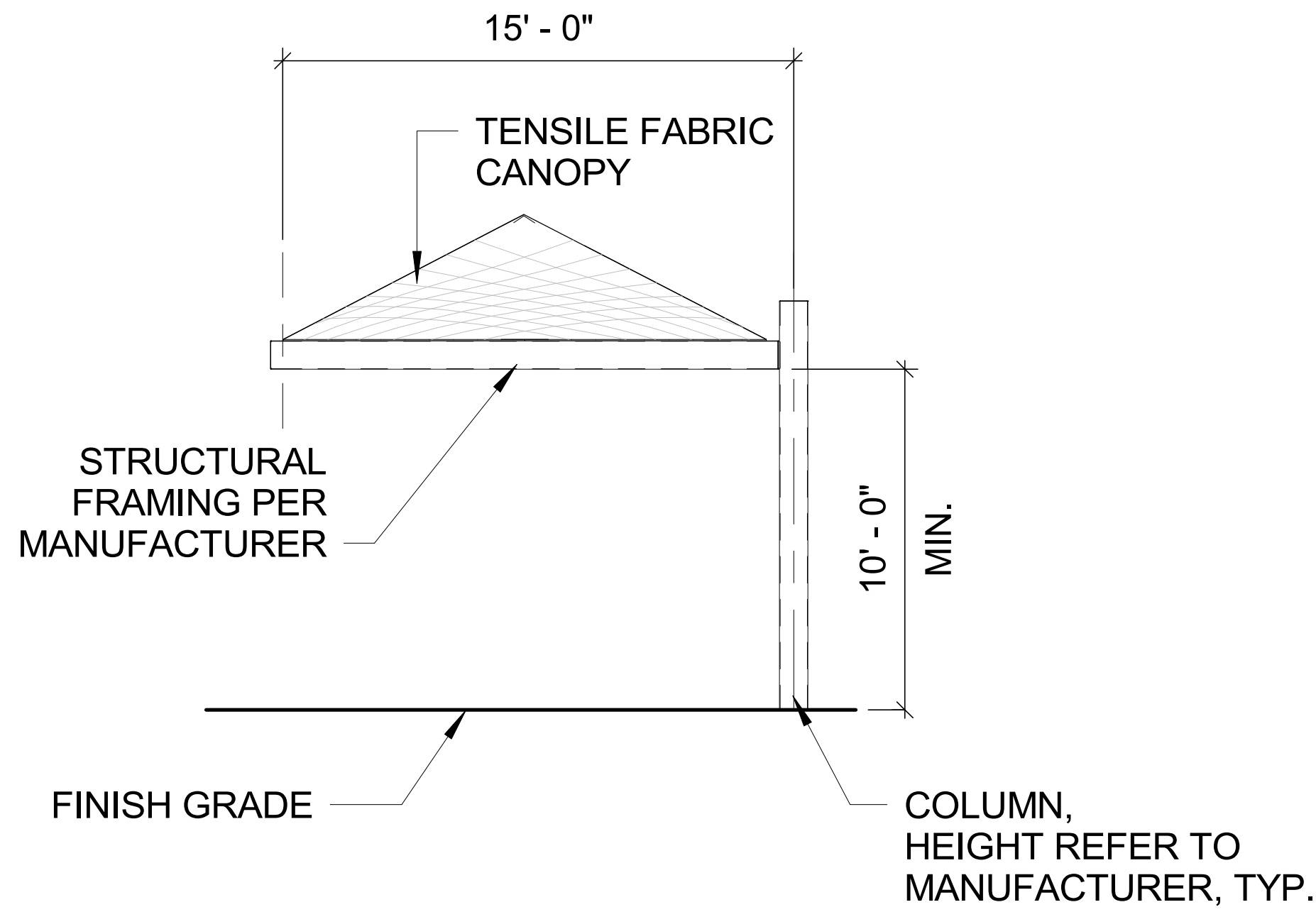
SOCCER CANOPIES - SC-1 THROUGH SC-20
GREEN FABRIC, WHITE POSTS
REFER TO SHEET L000 FOR MATERIALS SCHEDULE
REFER TO SHEET L104 FOR LAYOUT AND GRADING



PERSPECTIVE VIEW



PLAN VIEW



EAST ELEVATION

1 2 - POST FULL HIP CANTILEVER SHADE CANOPY & FOOTING (SC-1 THROUGH SC-20)

NOTES:
DETAIL IS FOR REFERENCE ONLY - THEY ARE A PICTORIAL REPRESENTATION TO SHOW DESIGN INTENT FOR THE FABRIC AND STEEL ONLY - NONE OF THE REQUIRED ATTACHMENTS OR CONNECTION DETAILS HAVE BEEN DEPICTED - NOT TO SCALE - NOT FOR CONSTRUCTION.
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CONTRACTOR SHALL PROVIDE STAMPED, SIGNED ENGINEERING DRAWINGS INCLUDING STRUCTURAL CALCULATIONS FOR CITY OF IRVINE PERMITTING THROUGH DEFERRED SUBMITTAL.

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine, CA 92614
Tel: 949.633.6592
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT
06/30/2028
LICENSE NO. EXP. DATE

DESIGNED: Designer
DRAWN: Author
CHECKED: Checker
DATE: 06.23.2025
SCALE: AS INDICATED

DEVELOPER: SOILS ENGINEER: REPORT # DATE

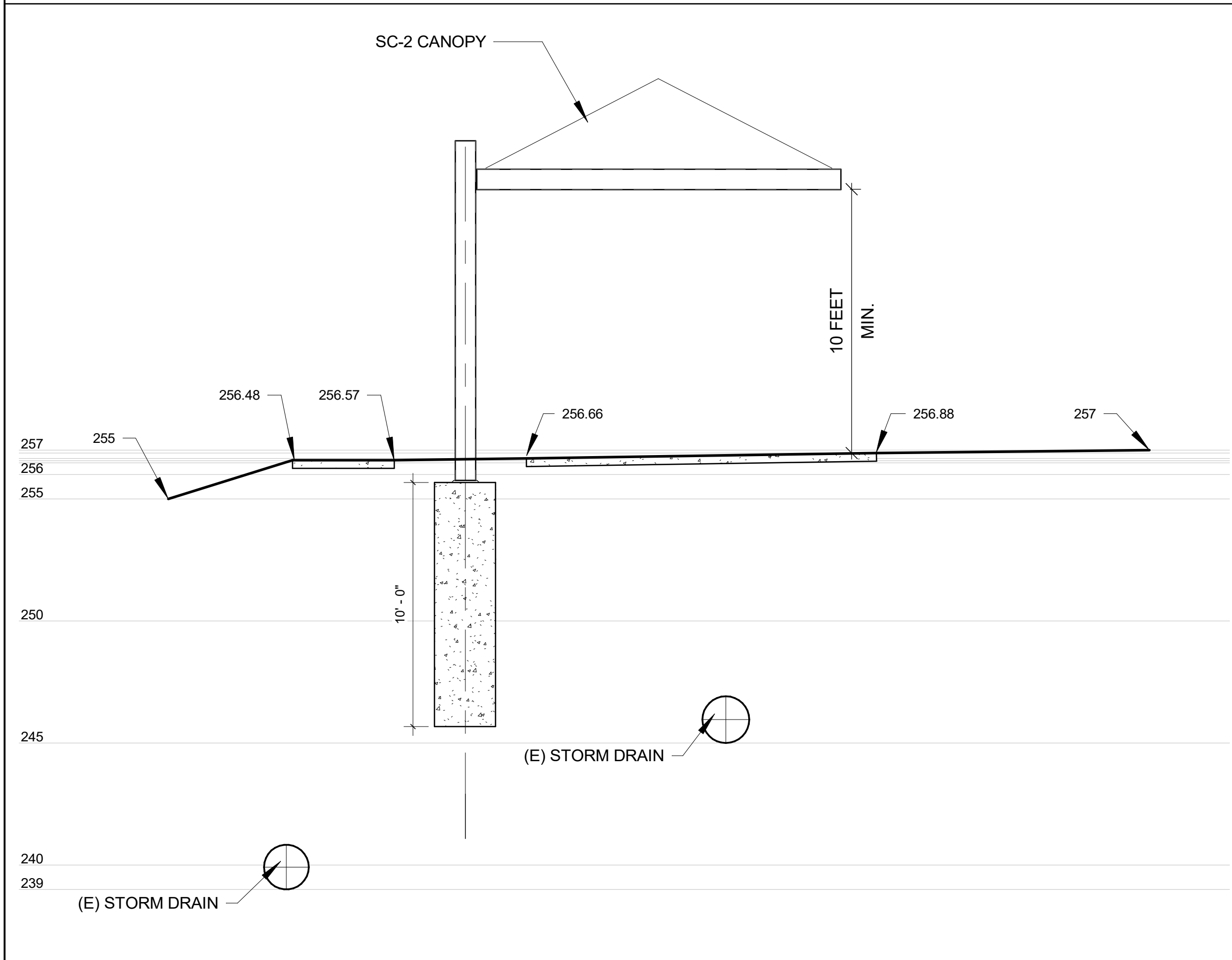
SHADE IMPROVEMENTS - PHASE 2 & 3
GREAT PARK (GP)
SHADE STRUCTURE - SC-1 THROUGH SC-20

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

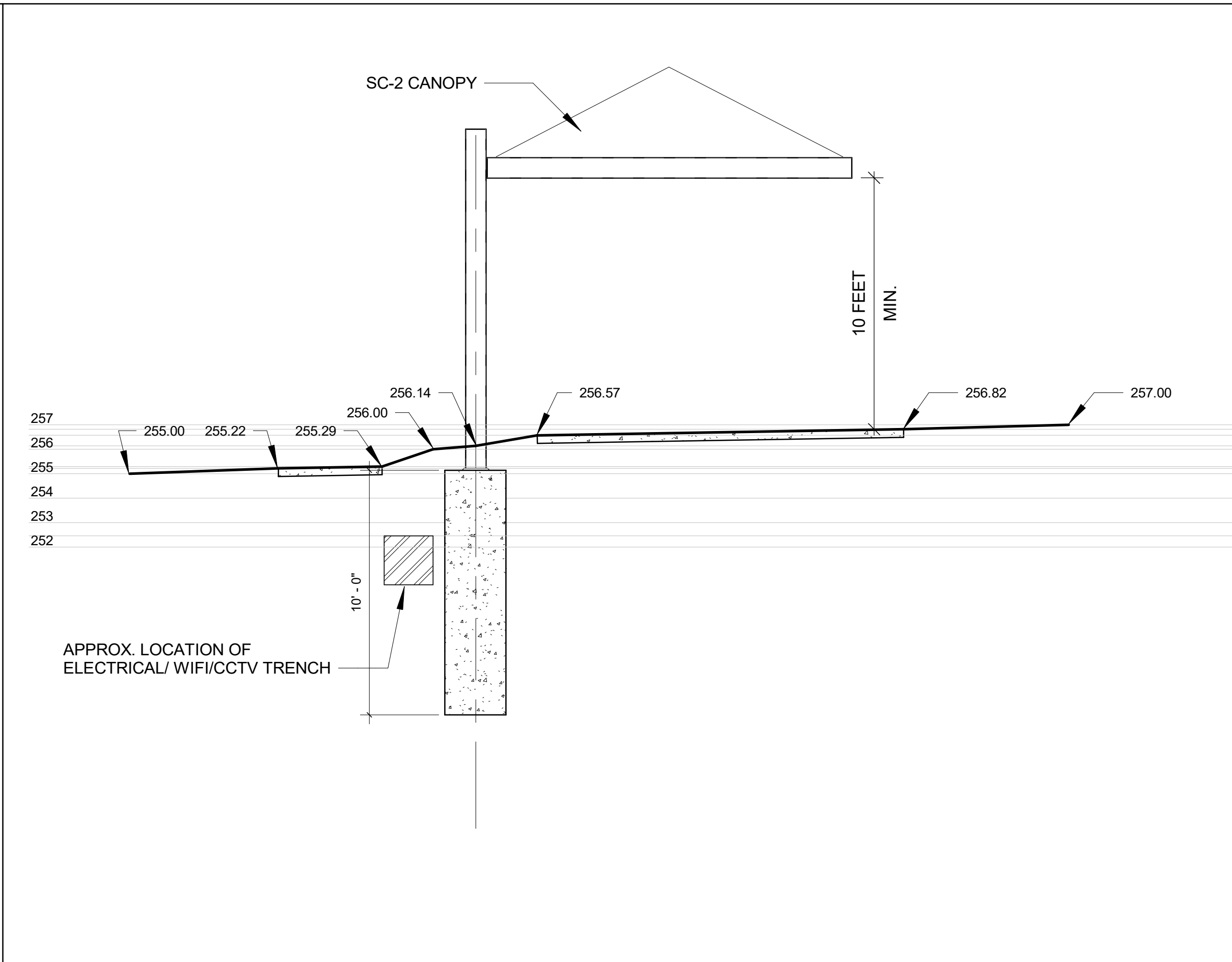
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PERMIT: CIP # 372602

L507

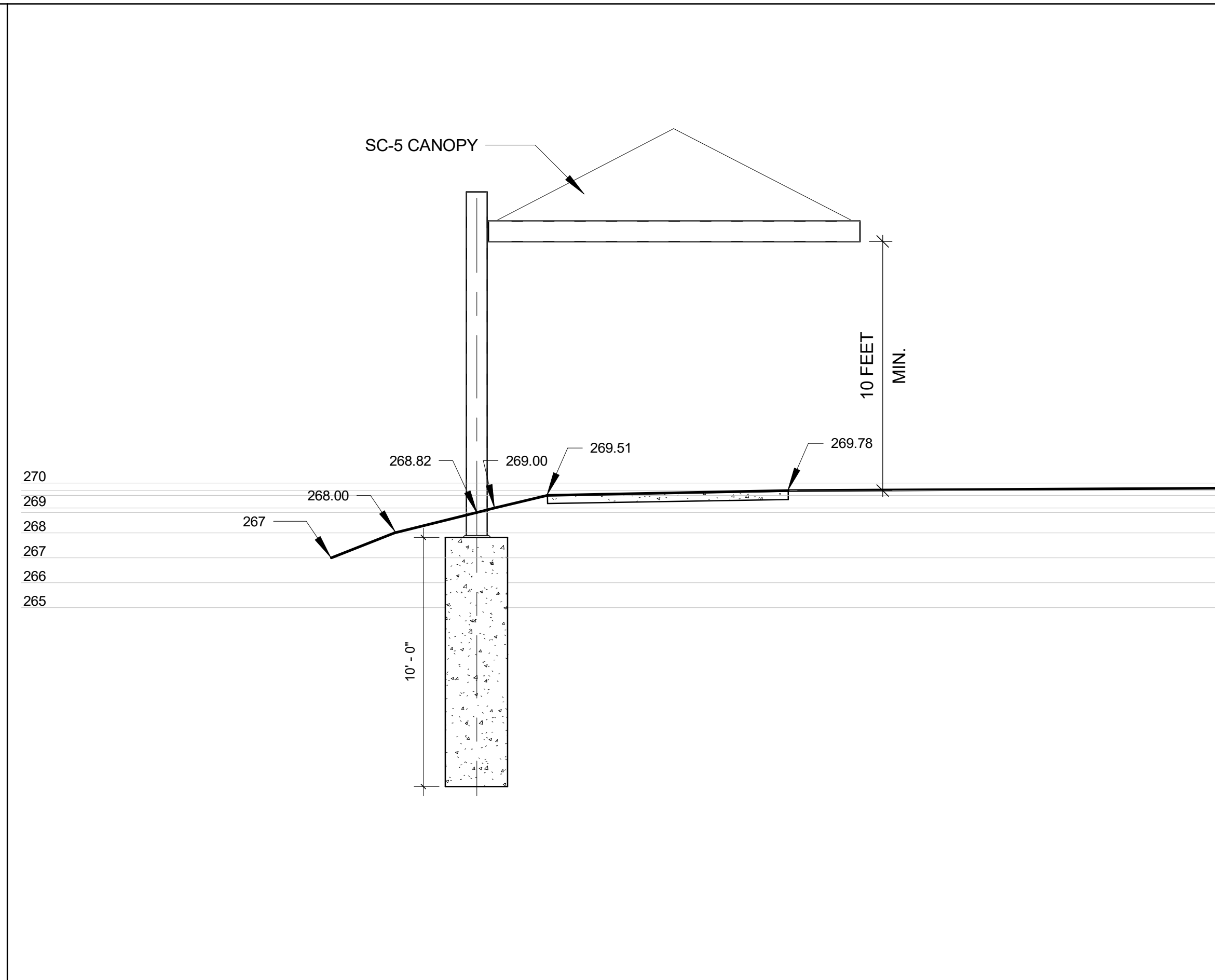
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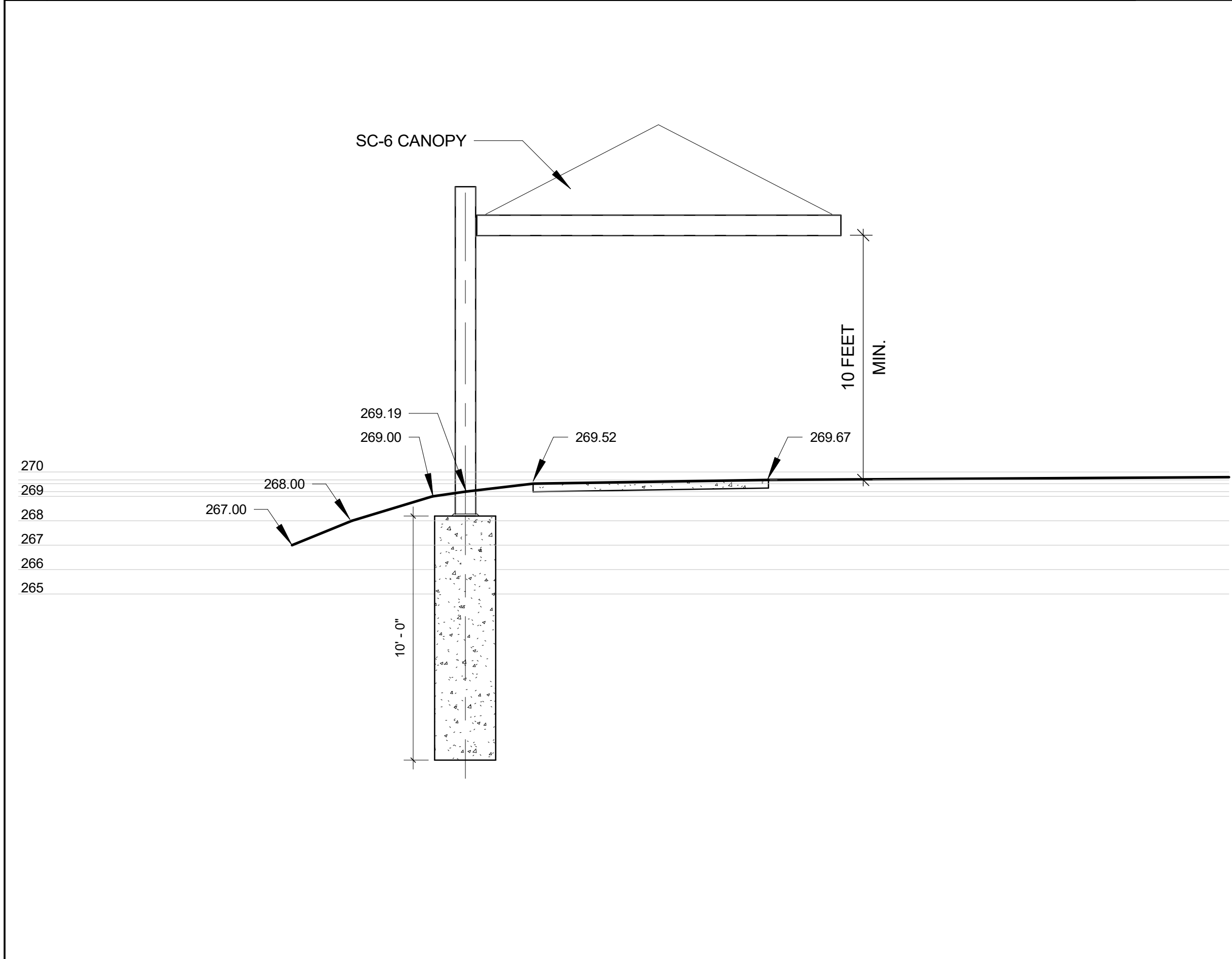
1 SECTION AT SC-2 CANOPY (NORTH)



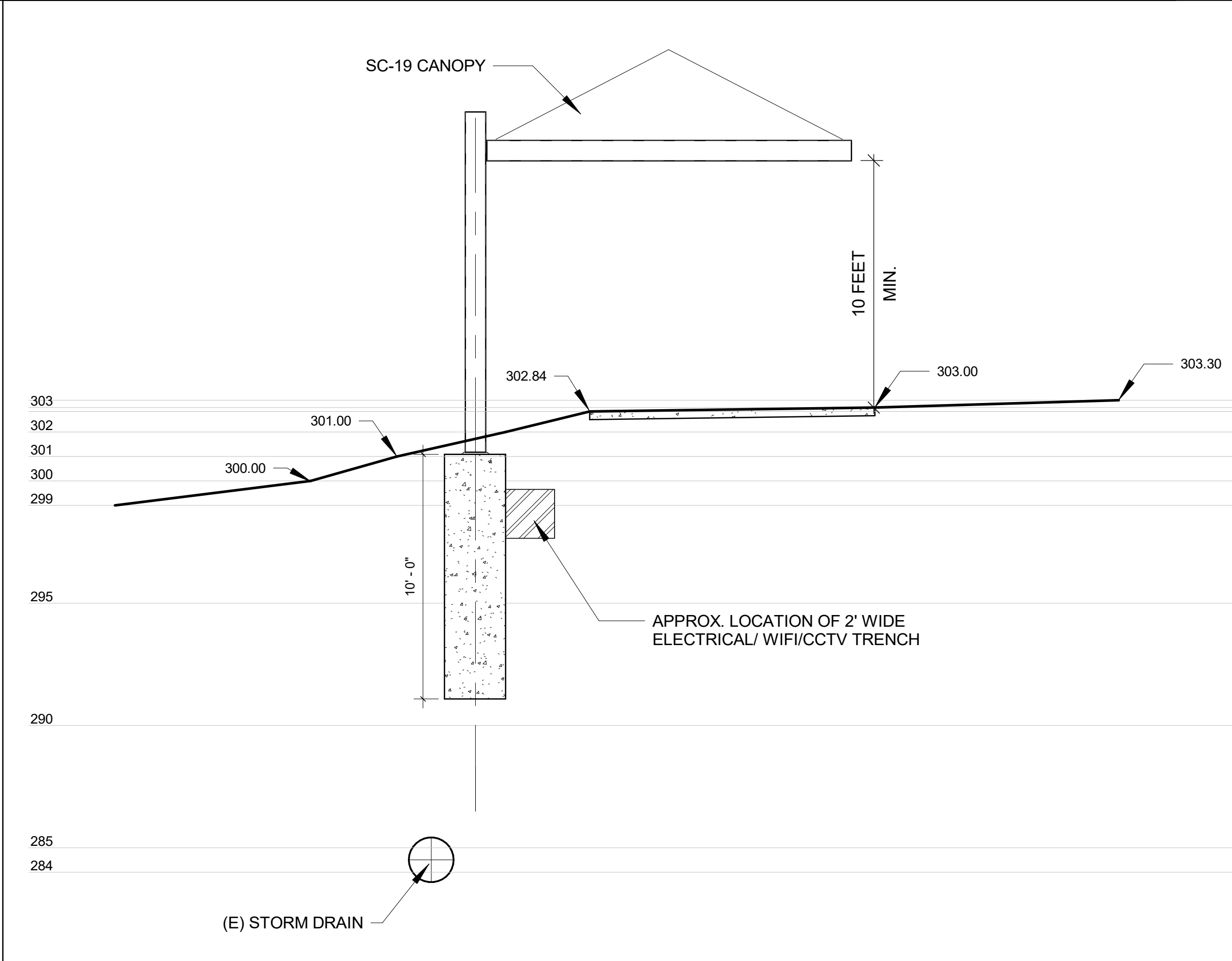
2 SECTION AT SC-2 CANOPY (SOUTH)



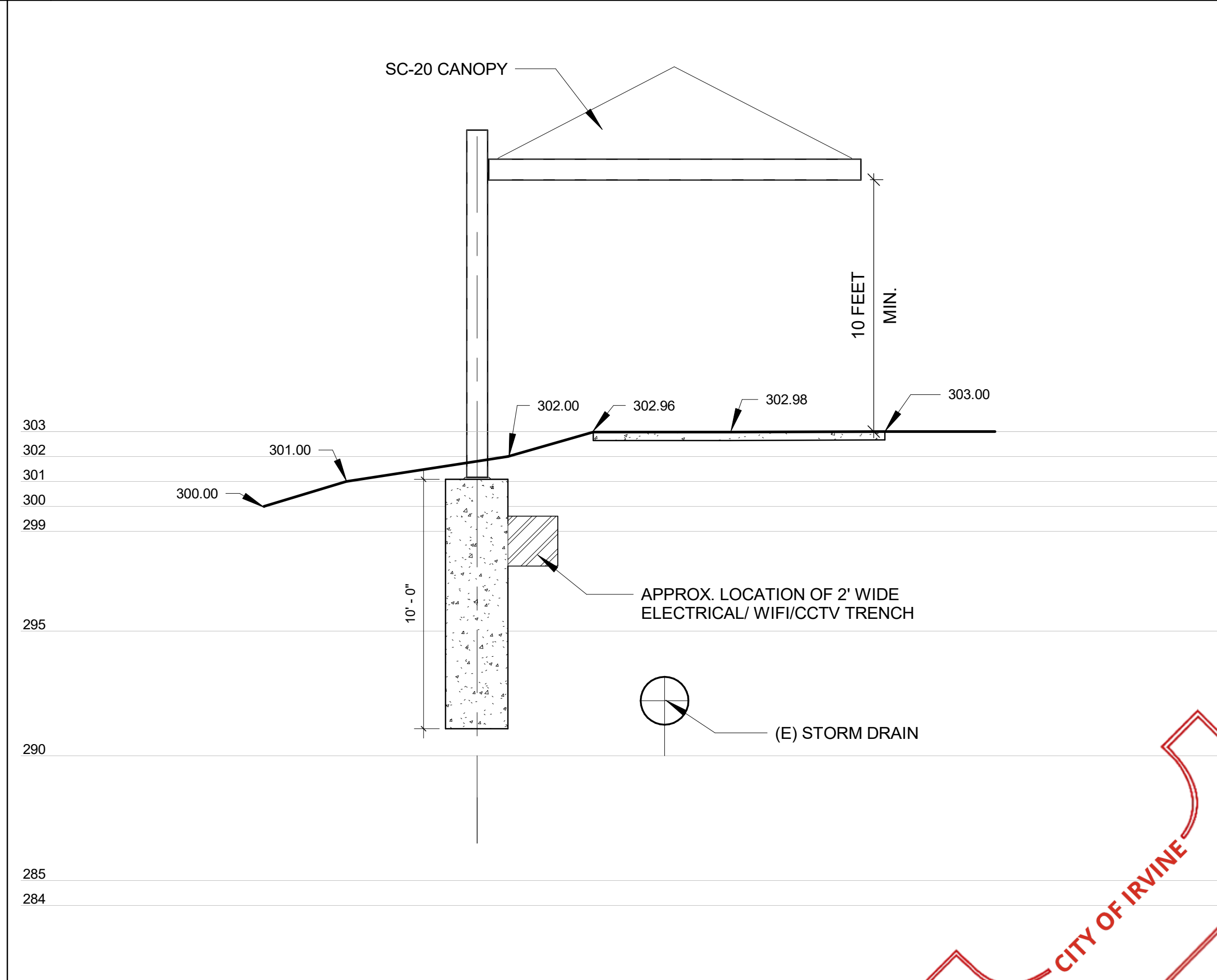
3 SECTION AT SC-5 CANOPY



4 SECTION AT SC-6 CANOPY



5 SECTION AT SC-19 CANOPY



6 SECTION AT SC-20 CANOPY

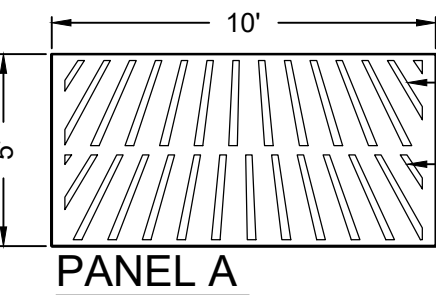
NOTES:

DETAIL IS FOR REFERENCE ONLY - THEY ARE A PICTORIAL REPRESENTATION TO SHOW DESIGN INTENT FOR THE FABRIC AND STEEL ONLY - NONE OF THE REQUIRED ATTACHMENTS OR CONNECTION DETAILS HAVE BEEN DEPICTED - NOT TO SCALE - NOT FOR CONSTRUCTION. ALL DIMENSIONS & HEIGHTS SHALL BE FIELD VERIFIED PRIOR TO ANY FINAL DESIGN, FABRICATION OR INSTALLATION WORK. CONTRACTOR SHALL PROVIDE STAMPED, SIGNED ENGINEERING DRAWINGS INCLUDING STRUCTURAL CALCULATIONS FOR CITY OF IRVINE PERMITTING THROUGH DEFERRED SUBMITTAL.

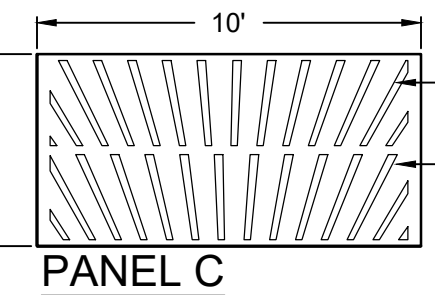
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DRAWN:	AUTHOR	6	NO.	DATE
CHECKED:	CHECKER	5	NO.	DATE
DATE:	DATE	4	NO.	DATE
SCALE:	SCALE	3	NO.	DATE
AS INDICATED	AS INDICATED	2	NO.	DATE
REPORT #	REPORT #	1	NO.	DATE
DEVELOPER	DEVELOPER			
SOILS ENGINEER	SOILS ENGINEER			
LANDSCAPE ARCHITECT	LANDSCAPE ARCHITECT			
PLANS PREPARED BY:	PLANS PREPARED BY:			
ARCADIS	ARCADIS			
1840 Von Karmen Avenue - Suite 300	1840 Von Karmen Avenue - Suite 300			
Irvine, CA 92614-3208	Irvine, CA 92614-3208			
www.arcadisusa.com	www.arcadisusa.com			
JENNIFER MOORE	JENNIFER MOORE			
LANDSCAPE ARCHITECT	LANDSCAPE ARCHITECT			
06/30/2026	06/30/2026			
LICENSE NO.	LICENSE NO.			
EXP. DATE	EXP. DATE			
SHADE IMPROVEMENTS - PHASE 2 & 3	SHADE IMPROVEMENTS - PHASE 2 & 3			
GREAT PARK (GP)	GREAT PARK (GP)			
SHADE STRUCTURE - SECTIONS	SHADE STRUCTURE - SECTIONS			
CITY OF IRVINE	CITY OF IRVINE			
COMMUNITY DEVELOPMENT DEPARTMENT	COMMUNITY DEVELOPMENT DEPARTMENT			
PLAN CHECK: 00956907 - CTIS	PLAN CHECK: 00956907 - CTIS			
PERMIT: CIP # 372602	PERMIT: CIP # 372602			
L508	L508			



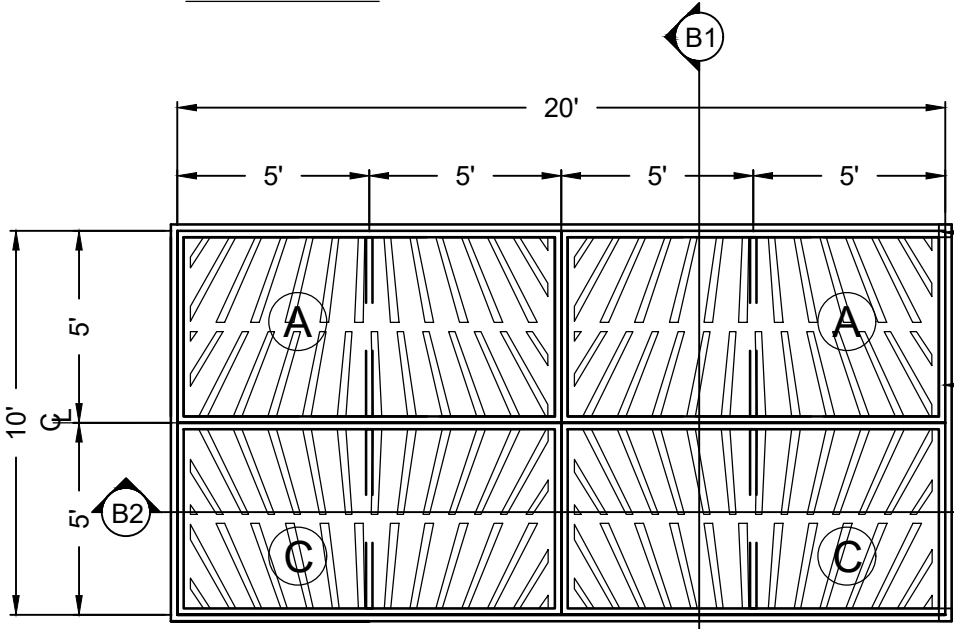
PRECEDENT IMAGES EXISTING STRUCTURE
- MATCH EXISTING DIAGONAL SLAT PANEL
- DESIGN, COLOR, AND FINISH SHALL BE CONSISTENT WITH EXISTING ON SITE STRUCTURES



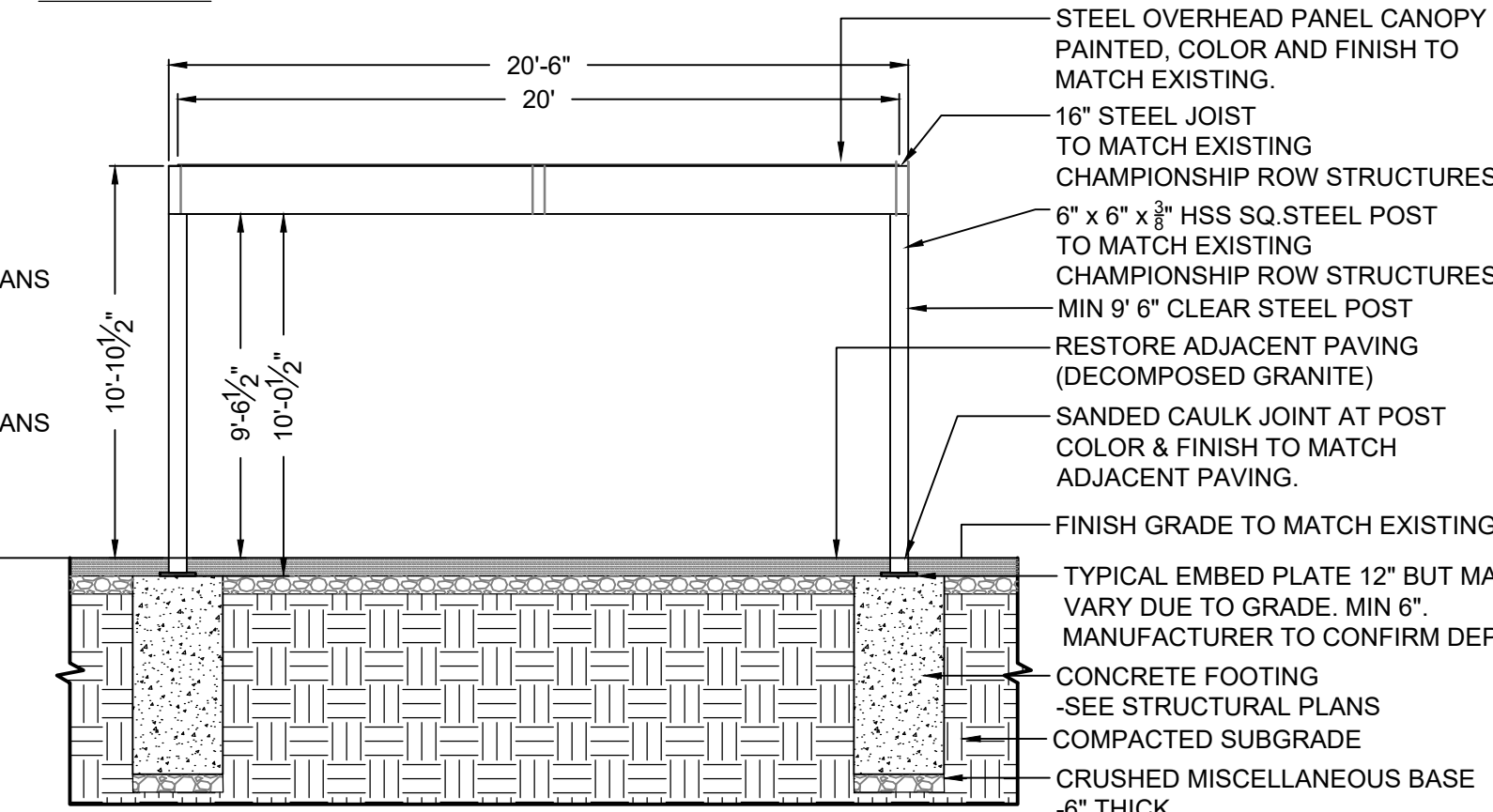
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5' X 10' X 7/16\"/>



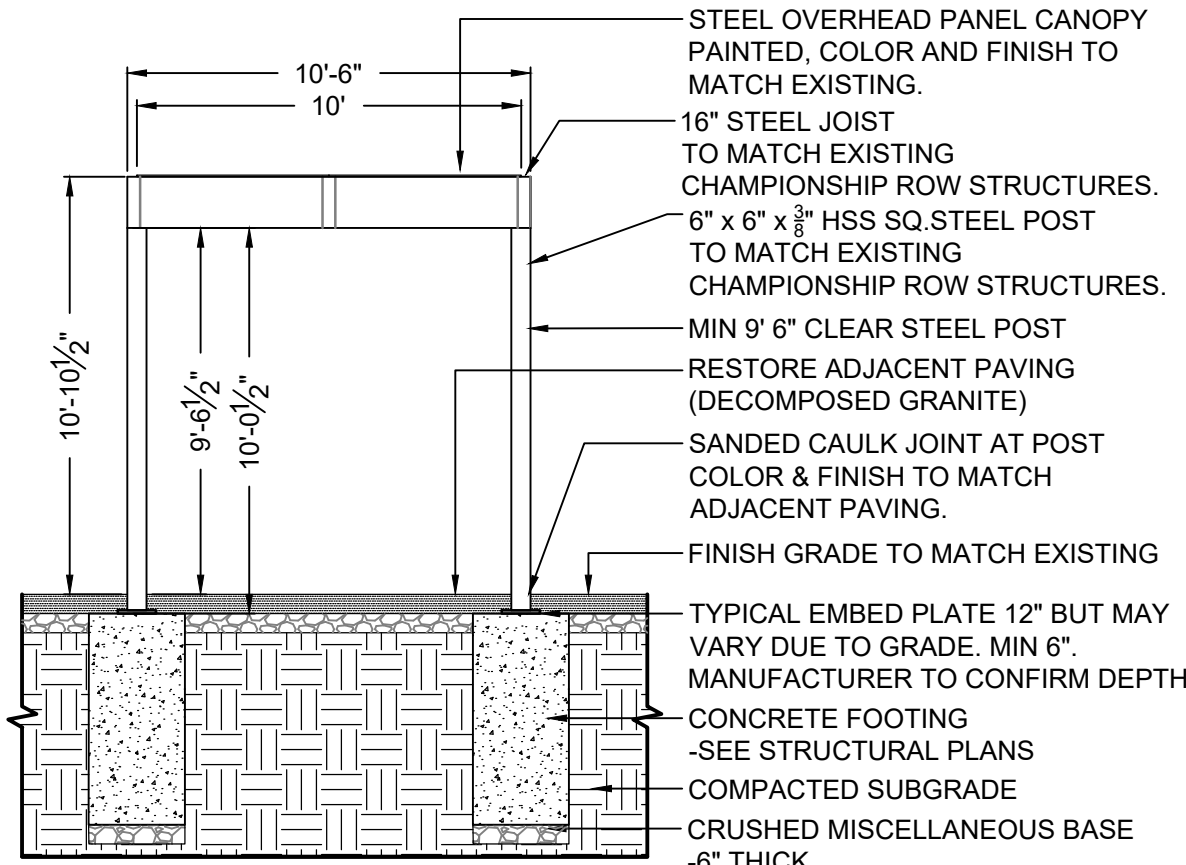
PANEL PATTERN C.
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STEEL OVERHEAD PANEL CANOPY - DIAGONAL SLATS TO MATCH EXISTING
10 X 20 - SEE PLANS FOR LOCATIONS
-PAINTED, COLOR AND FINISH TO MATCH EXISTING



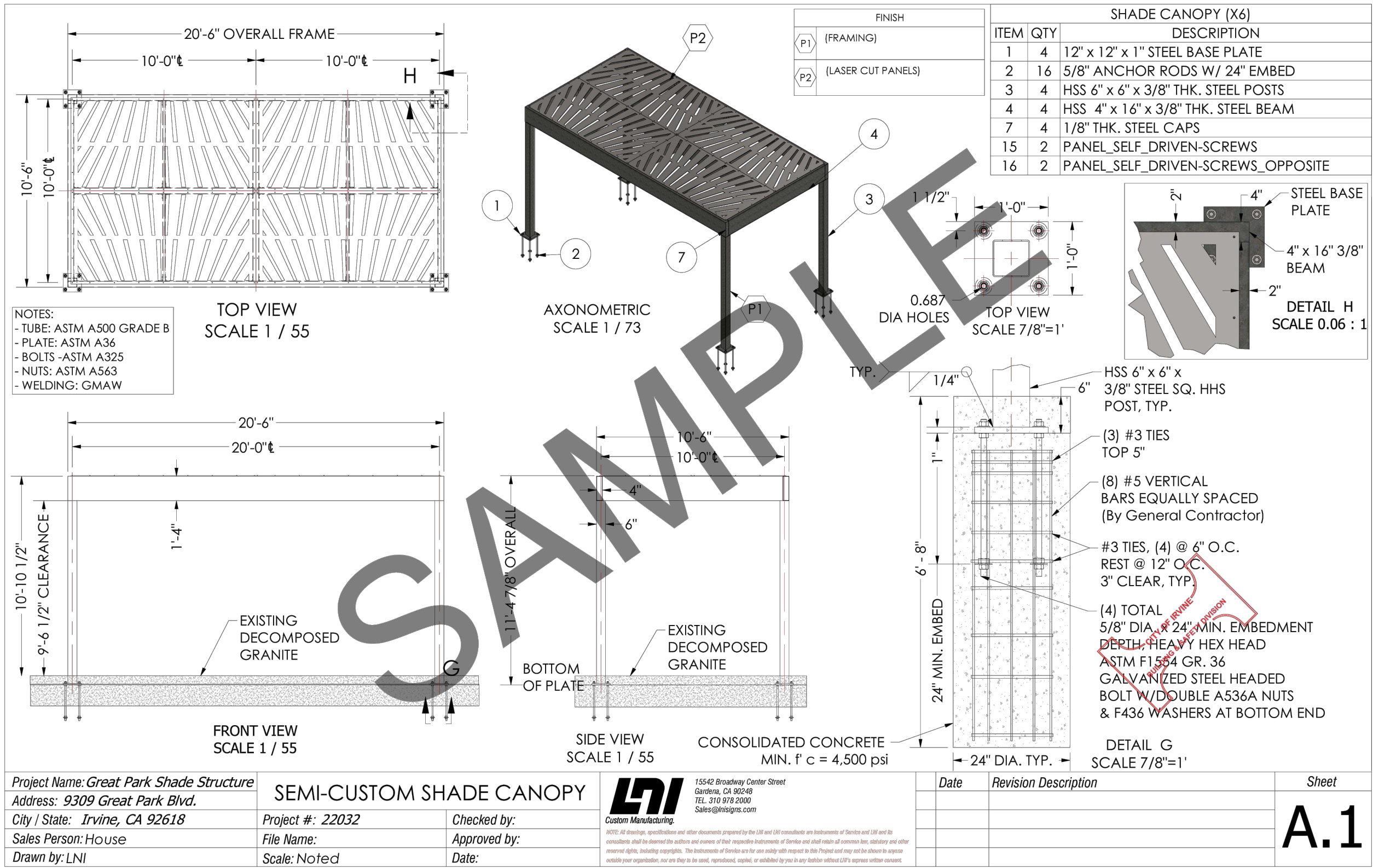
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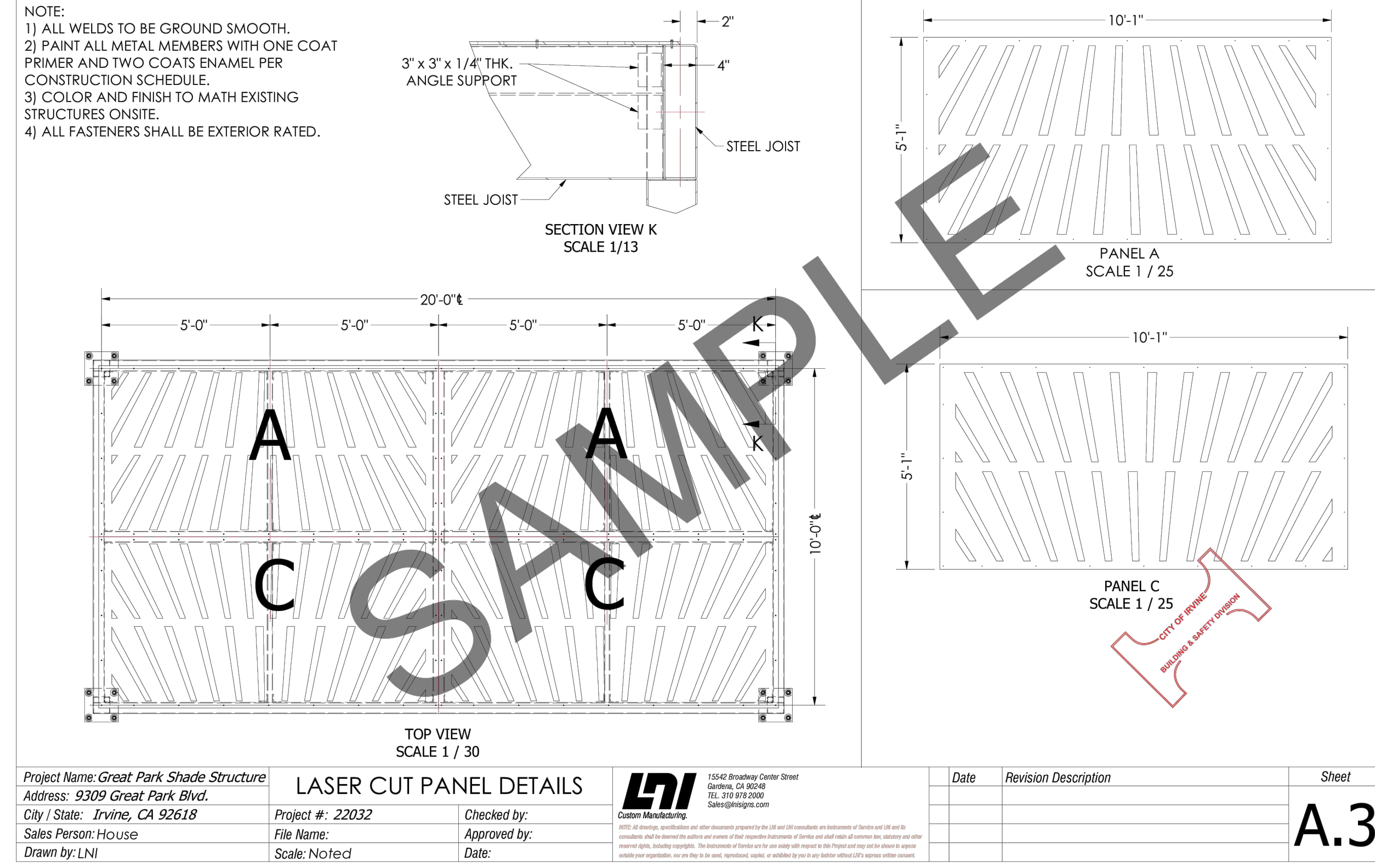
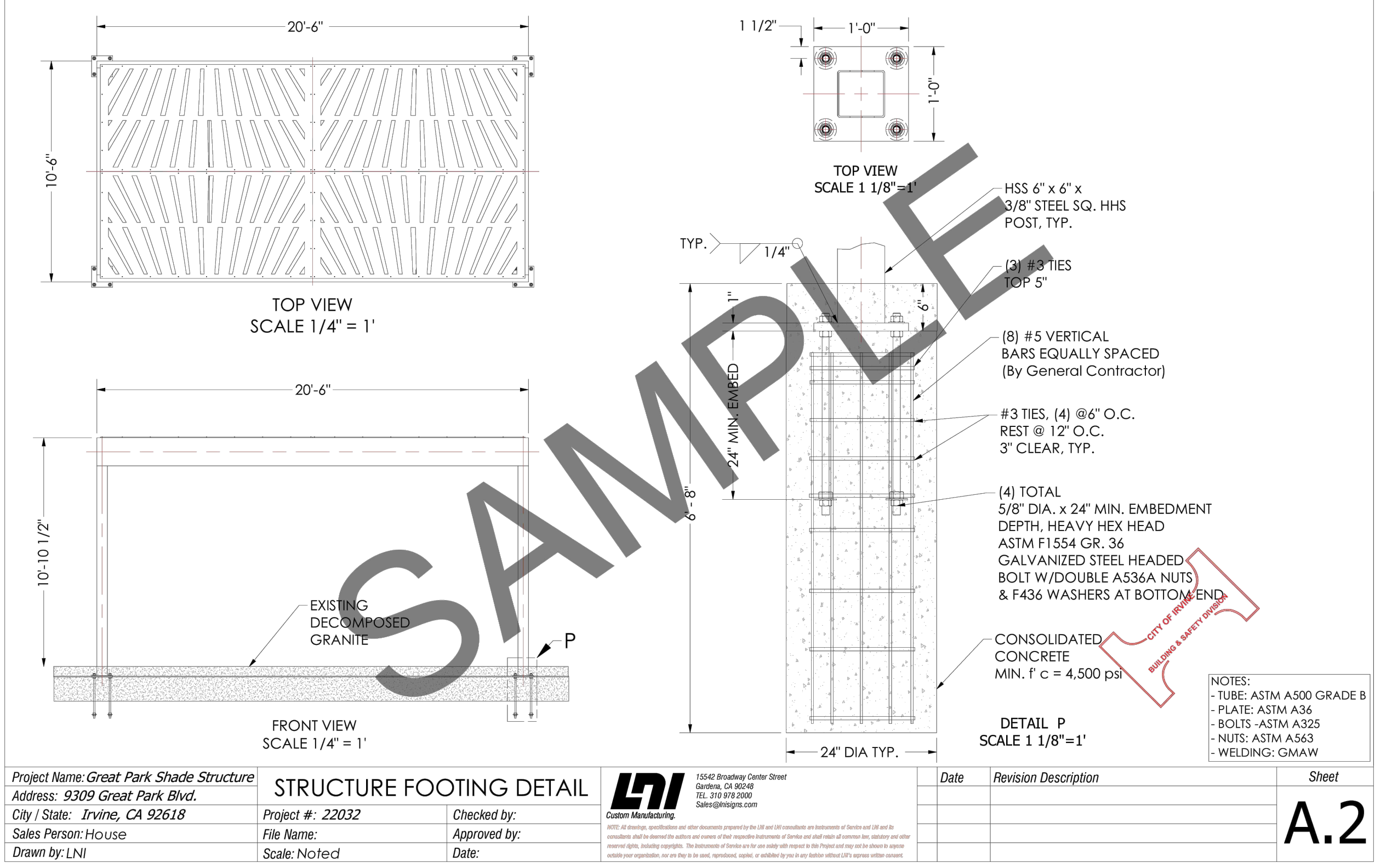
SECTION B1

NOT TO SCALE

1 SEMI-CUSTOM SHADE CANOPY AT CHAMPIONSHIP ROW (CR-1, CR-2, CR-3 & CR-4)



*NOTES:
• PHASE 1 SUBMITTAL PROVIDED BY CITY OF IRVINE FOR REFERENCE AND AS A BASIS OF DESIGN.
• STRUCTURAL STAMP AND SIGNATURE REQUIRED.
• STRUCTURAL CALCULATIONS SHALL ACCOMPANY THE DEFERRED SUBMITTAL.
• DESIGN SHALL MEET OR EXCEED CURRENT CODES AND CITY STANDARDS.



CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR LASER CUT PANELS FOR OWNER / LANDSCAPE ARCHITECTS APPROVAL PRIOR TO FABRICATION.

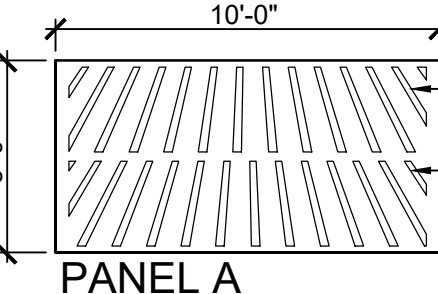
CONTRACTOR TO PROVIDE SIGNED SEALED STRUCTURAL SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.

THIS DETAIL IS PRODUCED FROM DRAWINGS PROVIDED BY THE CITY OF IRVINE - DESIGNED BY OTHERS AND REPRODUCED WITH PERMISSION - PROVIDED FOR INFORMATION ONLY.

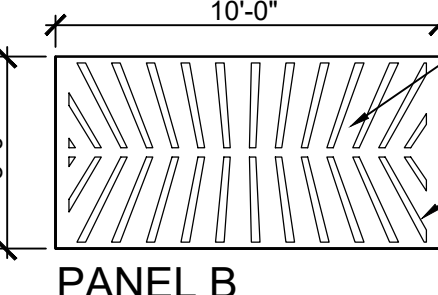
STRUCTURAL DRAWINGS PROVIDED PROVIDED IN THIS SET ARE PRODUCED BY KPFF FOR EXISTING ONSITE STRUCTURES - 10X30 STRUCTURE WITH HONEYCOMB PANEL. DRAWING NUMBER LS1-501 IS REPRODUCED WITH PERMISSION AND PROVIDED FOR INFORMATION ONLY. (CODE OUTDATED) SUBMITTED DRAWINGS BY CONTRACTOR MUST BE UPDATED TO MEET CURRENT CODE.

NOTES:
1. ALL WELDS TO BE GROUND SMOOTH.
2. PAINT ALL METAL MEMBERS WITH ONE COAT PRIMER AND TWO COATS ENAMEL PER CONSTRUCTION SCHEDULE.
3. COLOR AND FINISH TO MATCH EXISTING STRUCTURES ONSITE. FINISH ON THE EXISTING STRUCTURES CONSISTS OF 1 COAT ZINC RICH METAL PRIMER AND 2 COATS RAL9003 - SEMI-GLOSS FINISH.
4. LANDSCAPE ARCHITECTURE DETAILS ARE FOR DESIGN INTENT ONLY. STEEL FABRICATION, CONCRETE FOOTINGS, WELDS, ATTACHMENTS, AND REINFORCING SHALL BE PER APPROVED STRUCTURAL SHOP DRAWINGS.
5. ALL FASTENERS SHALL BE EXTERIOR RATED.
6. PAVING TO SLOPE AWAY FROM POST AT 1% MIN.
7. SANDED CAULK JOINT - COLOR AND FINISH TO MATCH ADJACENT PAVING. BEAD CAULK TO SHED WATER AWAY FROM POST.

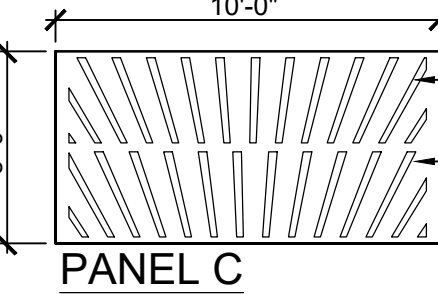
PRECEDENT IMAGES EXISTING STRUCTURE
- MATCH EXISTING DIAGONAL SLAT PANEL
- DESIGN, COLOR, AND FINISH SHALL BE CONSISTENT WITH EXISTING ON SITE STRUCTURES



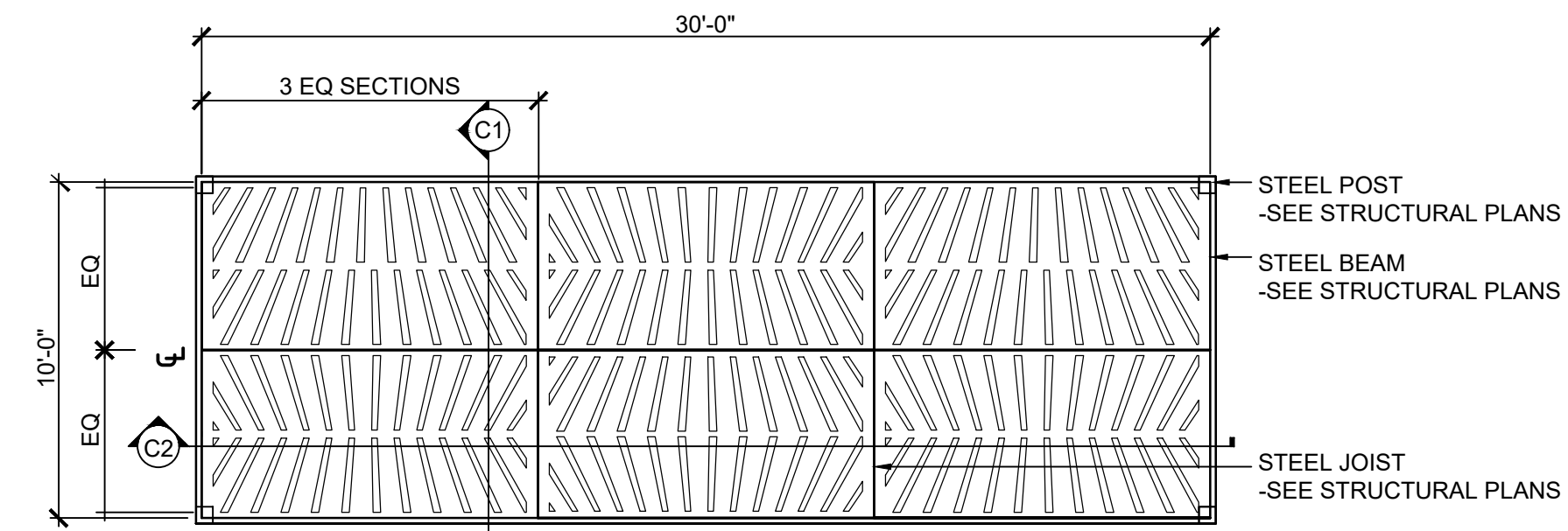
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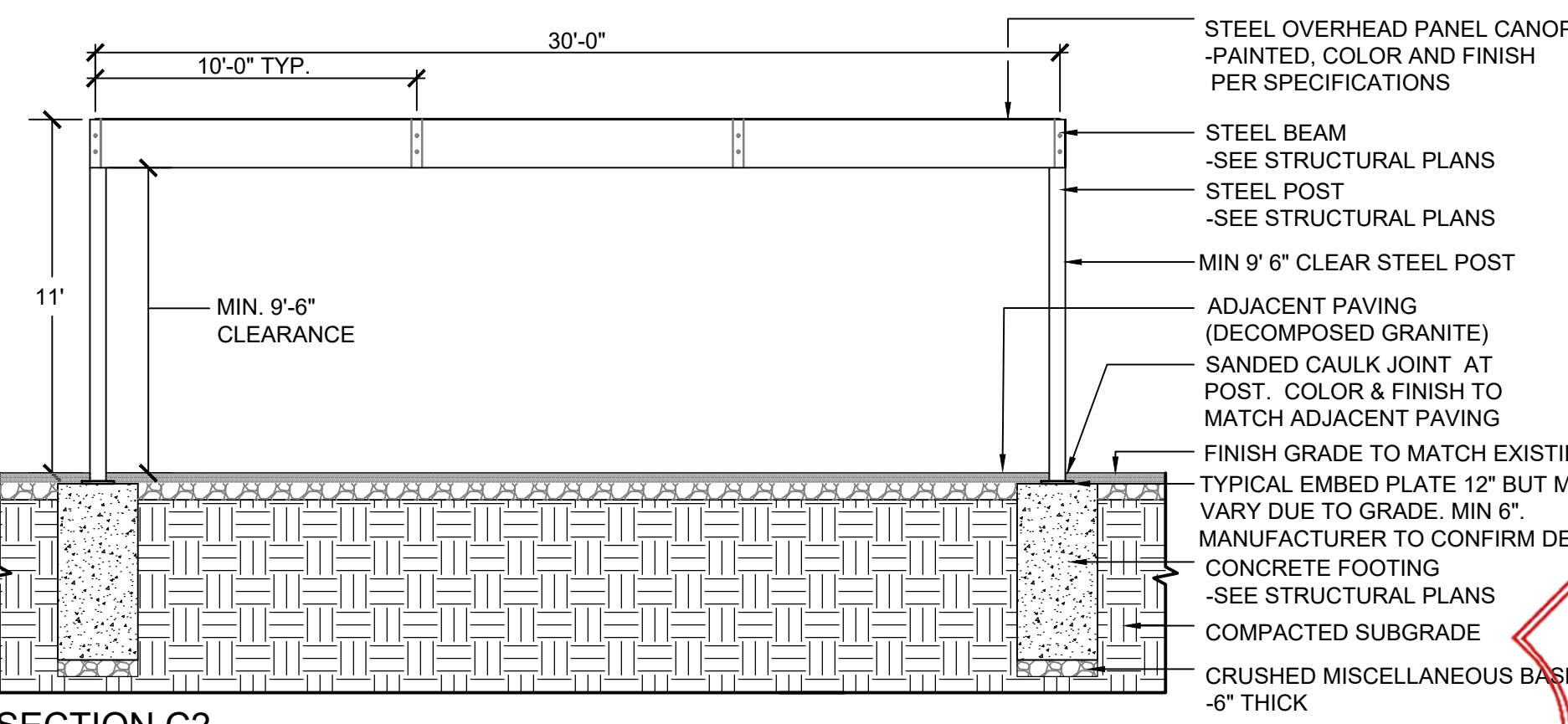
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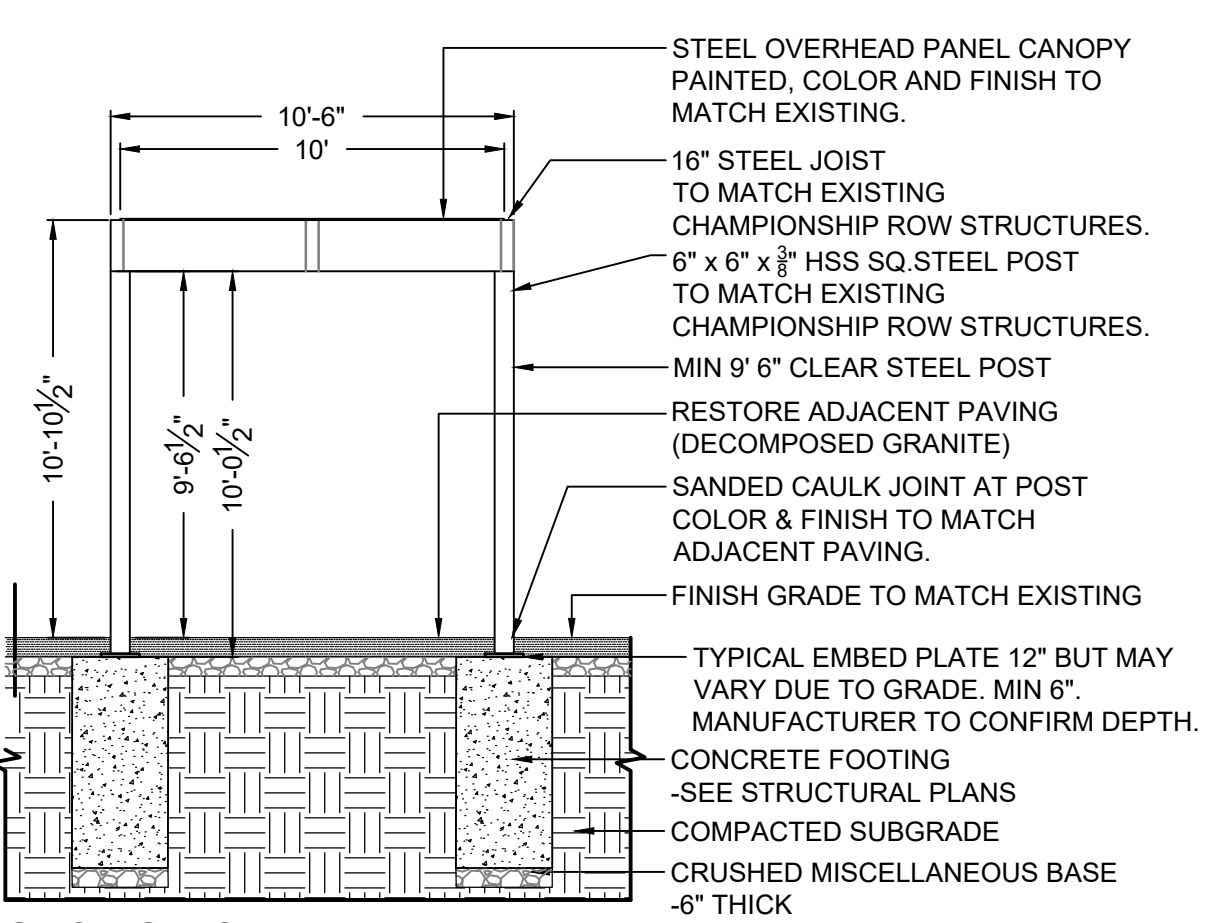
PANEL PATTERN C.
5' X 10' X 7/16\"/>



STEEL OVERHEAD PANEL CANOPY - DIAGONAL SLATS TO MATCH EXISTING
10 X 30 - SEE PLANS FOR LOCATIONS
-PAINTED, COLOR AND FINISH TO MATCH EXISTING



SECTION C2



SECTION C1

NOT TO SCALE

3 SEMI-CUSTOM SHADE CANOPY AT SOCCER FIELDS 4 & 5 (SOC-1)

NOT TO SCALE

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
SEMI-CUSTOM SHADE CANOPY
SHADE STRUCTURE CR-1, CR-2, CR-3 & CR-4
CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

DESIGNED: 7
DRAWN: 6
CHECKED: 5
DATE: 4
SCALE: 1
NO. 2
DATE

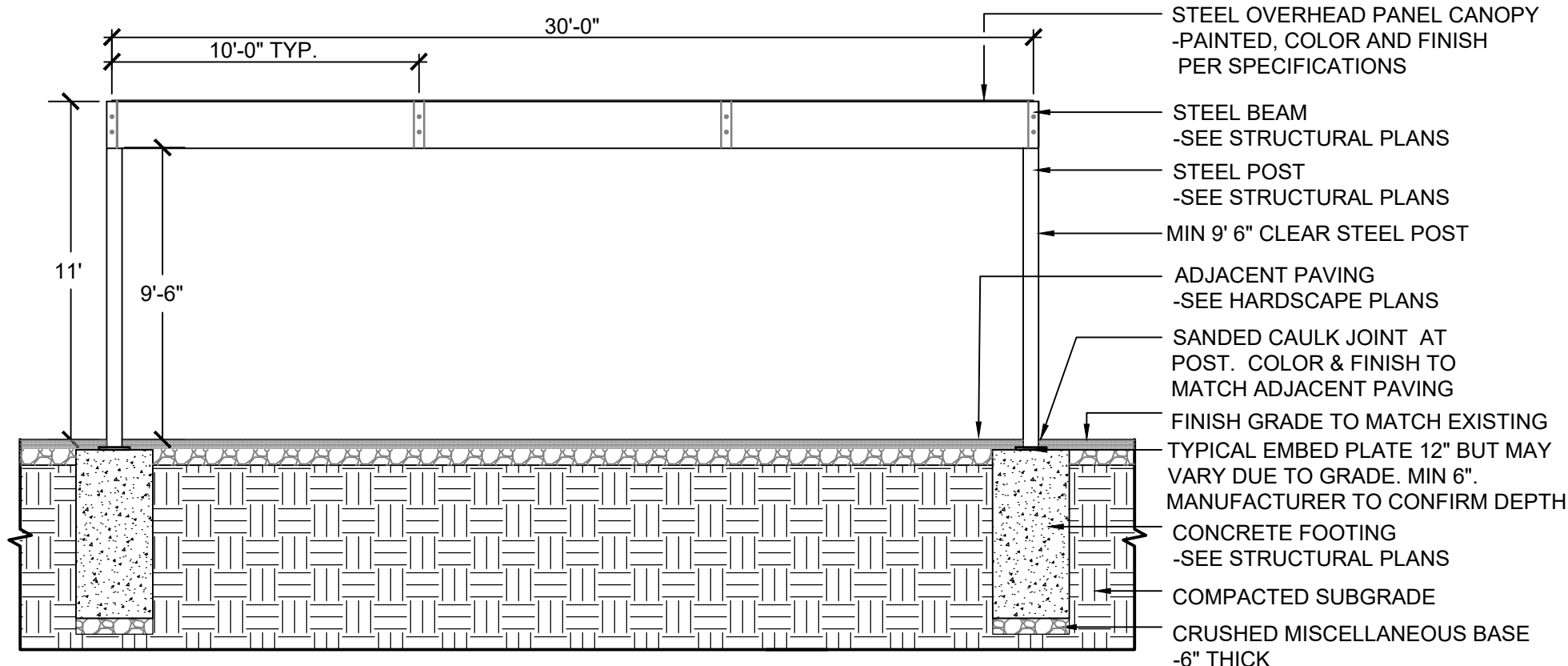
DEVELOPER: AO, JIM
SOILS ENGINEER: JIM
REPORT #

PLANS PREPARED BY: ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine, CA 92614-5000
www.arcadis.com

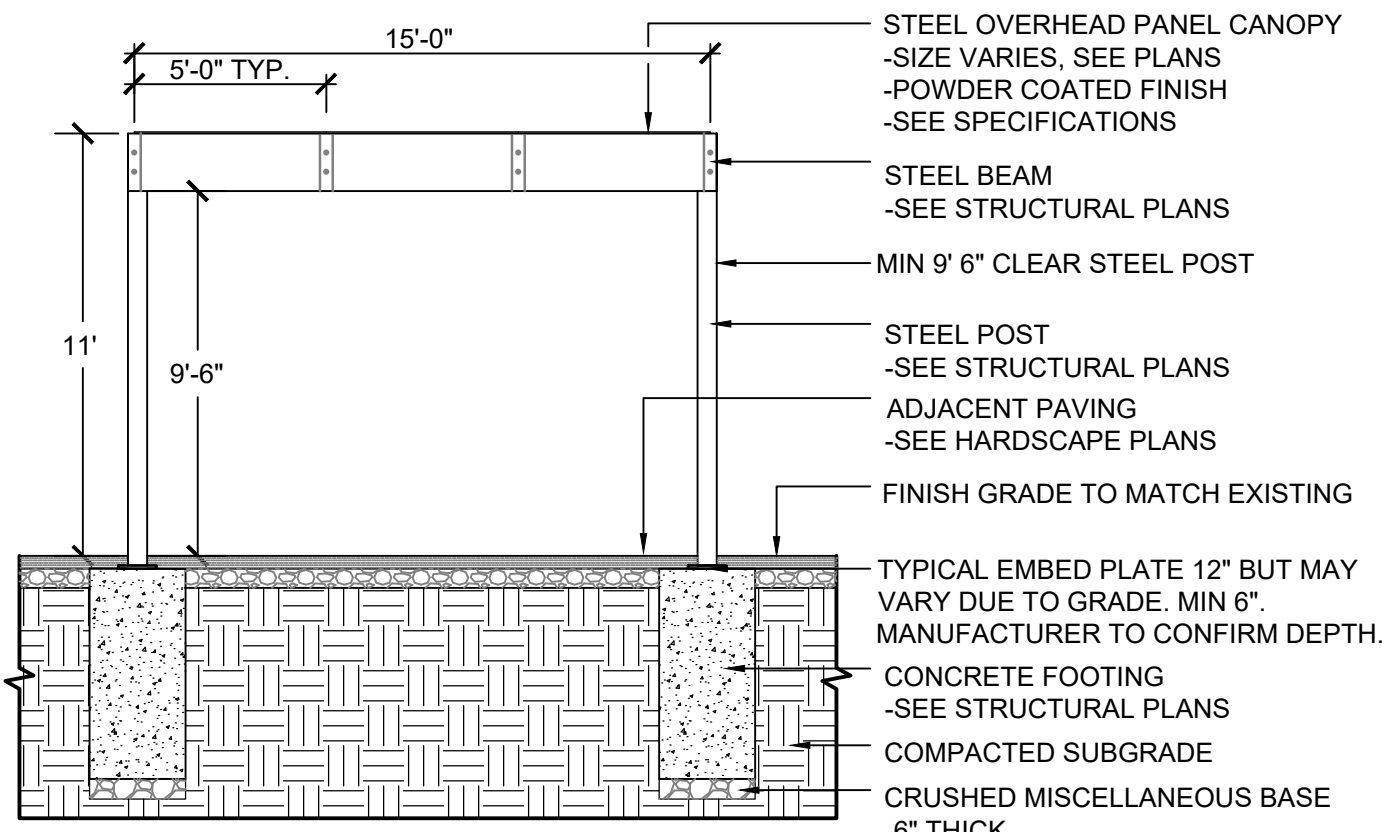
PLANS CHECKED BY: JENNIFER MOORE
LICENSE NO. 063002026
DATE: 06/30/2026

PLAN CHECK: 00956907-CTIS
PERMIT - CIP # 372602

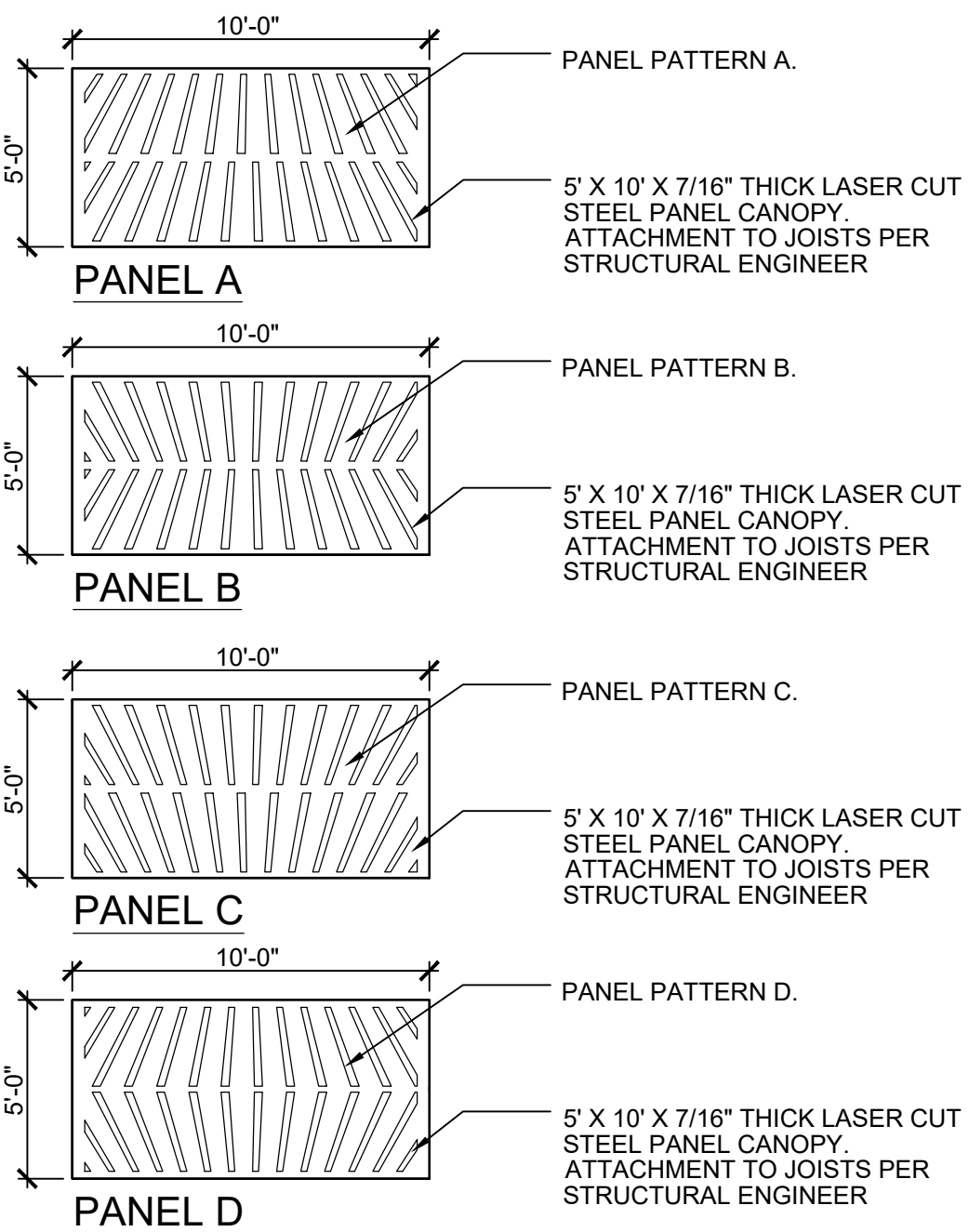
L509



SECTION A2



SECTION A1



CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR LASER CUT PANELS FOR OWNER / LANDSCAPE ARCHITECTS APPROVAL PRIOR TO FABRICATION.

CONTRACTOR TO PROVIDE SIGNED SEALED STRUCTURAL SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.

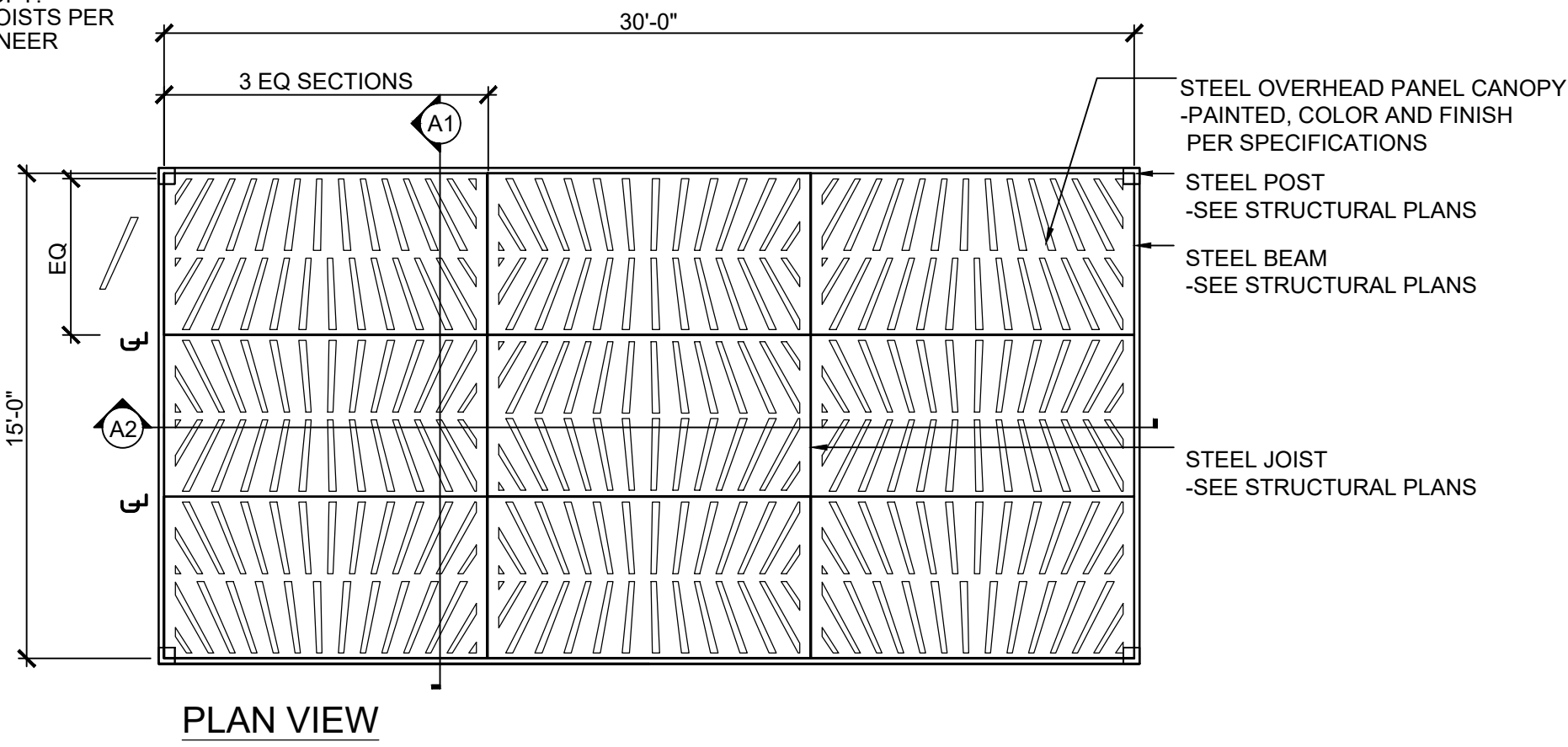
THIS DETAIL IS PRODUCED FROM DRAWINGS PROVIDED BY THE CITY OF IRVINE - DESIGNED BY OTHERS AND REPRODUCED WITH PERMISSION - PROVIDED FOR INFORMATION ONLY.

STRUCTURAL DRAWINGS PROVIDED PROVIDED IN THIS SET ARE PRODUCED BY KPFF FOR EXISTING ONSITE STRUCTURES - 10X20 STRUCTURE WITH HONEYCOMB PANEL. DRAWING NUMBER QF 12-03 IS REPRODUCED WITH PERMISSION AND PROVIDED FOR INFORMATION ONLY. (CODE OUTDATED) SUBMITTED DRAWINGS BY CONTRACTOR MUST BE UPDATED TO MEET CURRENT CODE.

- NOTES:
- ALL WELDS TO BE GROUND SMOOTH.
 - PAINT ALL METAL MEMBERS WITH ONE COAT PRIMER AND TWO COATS ENAMEL PER CONSTRUCTION SCHEDULE.
 - COLOR AND FINISH TO MATCH EXISTING STRUCTURES ONSITE. FINISH ON THE EXISTING STRUCTURES CONSISTS OF 1 COAT ZINC RICH METAL PRIMER AND 2 COATS RAL9003 - SEMI-GLOSS FINISH.
 - LANDSCAPE ARCHITECTURE DETAILS ARE FOR DESIGN INTENT ONLY. STEEL FABRICATION, CONCRETE FOOTINGS, WELDS, ATTACHMENTS, AND REINFORCING SHALL BE PER APPROVED STRUCTURAL SHOP DRAWINGS.
 - ALL FASTENERS SHALL BE EXTERIOR RATED.
 - PAVING TO SLOPE AWAY FROM POST AT 1% MIN.
 - SANDED CAULK JOINT - COLOR AND FINISH TO MATCH ADJACENT PAVING. BEAD CAULK TO SHED WATER AWAY FROM POST.

PANEL A	PANEL B	PANEL A
PANEL B	PANEL D	PANEL B
PANEL C	PANEL B	PANEL C

PANEL DISTRIBUTION



PLAN VIEW

1 SEMI-CUSTOM SHADE CANOPY AT SOCCER FIELDS 6 & 7 (SOC-2)

NOT TO SCALE

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
SEMI-CUSTOM SHADE CANOPY
SHADE STRUCTURE - SOC-1
CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK: 00556907-CTIS
PERMIT: CIP # 372802

L510

PLANS PREPARED BY
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine, CA 92614-5000
www.arcadis.com
JENNIFER MOORE
LANDSCAPE ARCHITECT
LICENSE NO. 06302026
EXP. DATE
June 20, 2026

DEVELOPER
DESIGNED: AO JM
DRAWN: AO JM
CHECKED: JM
DATE: 05/08/2025
SCALE: AS INDICATED

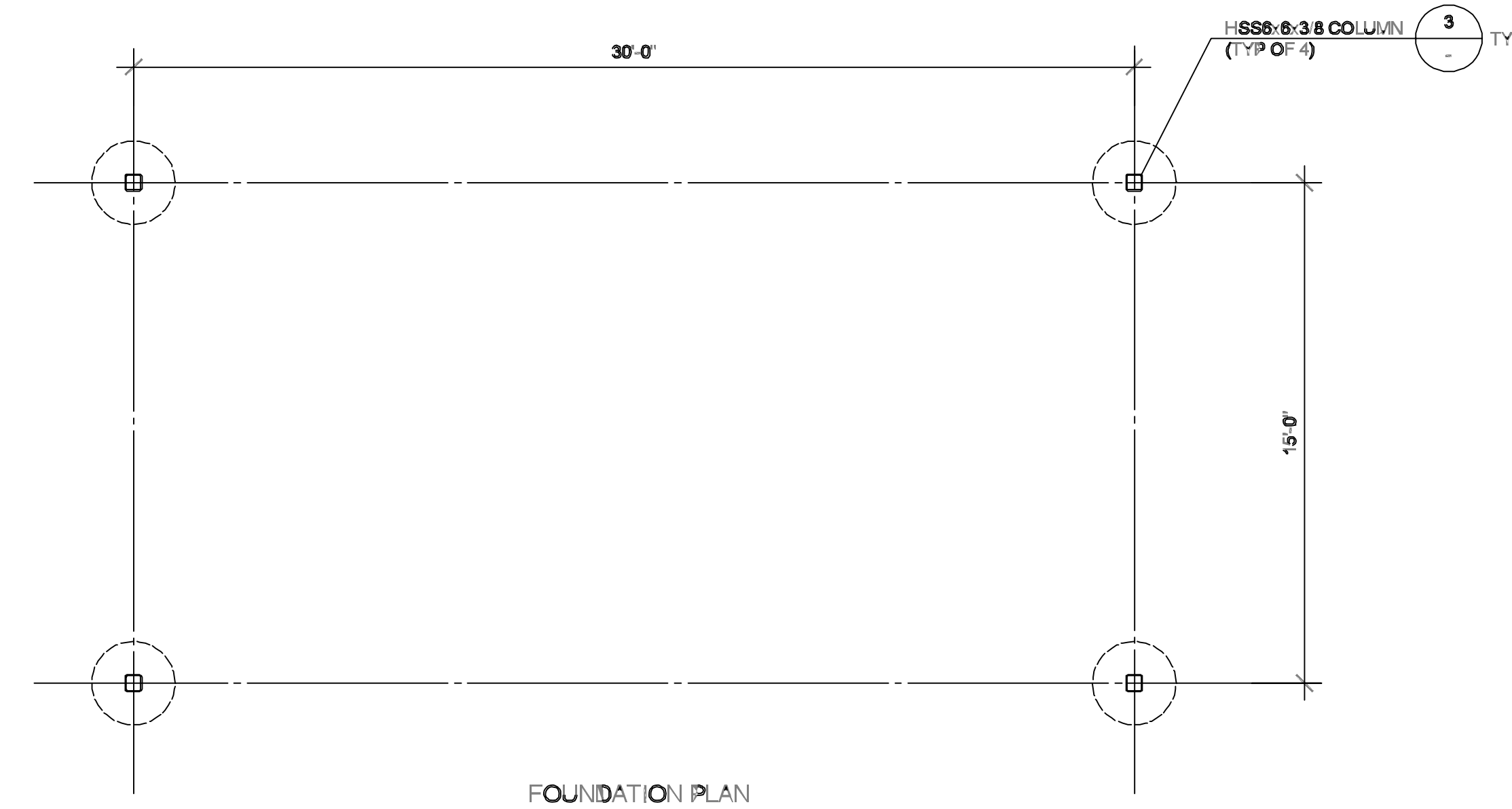
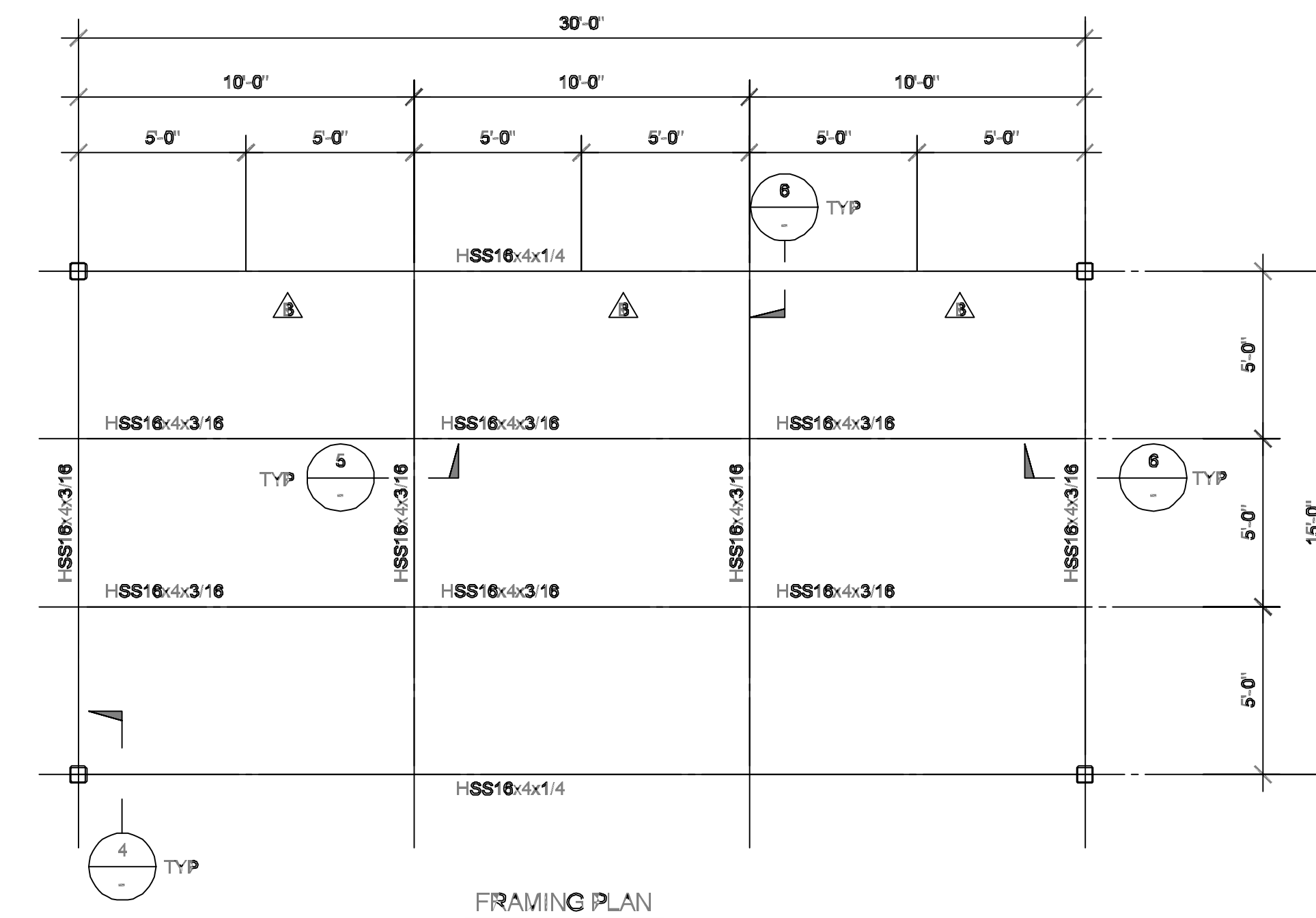
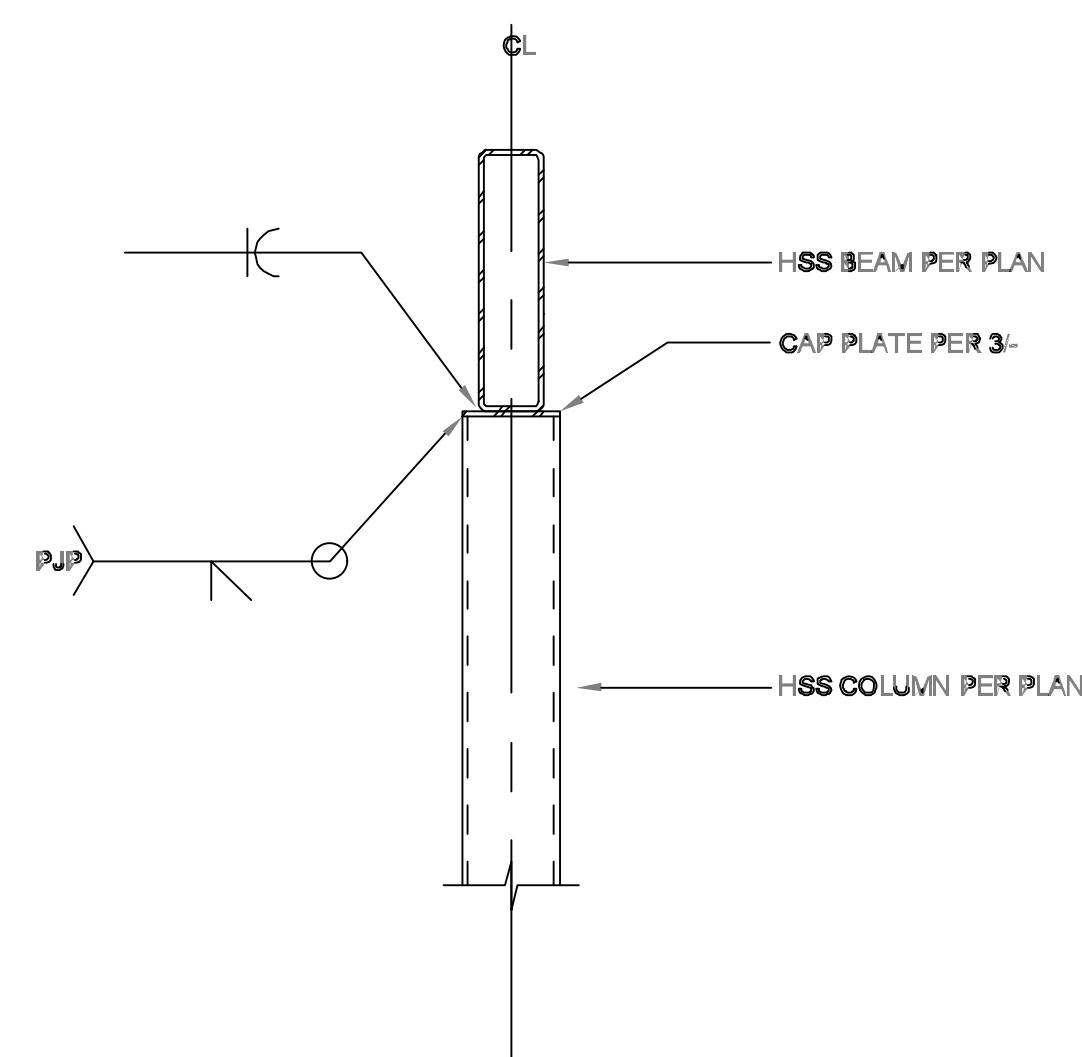
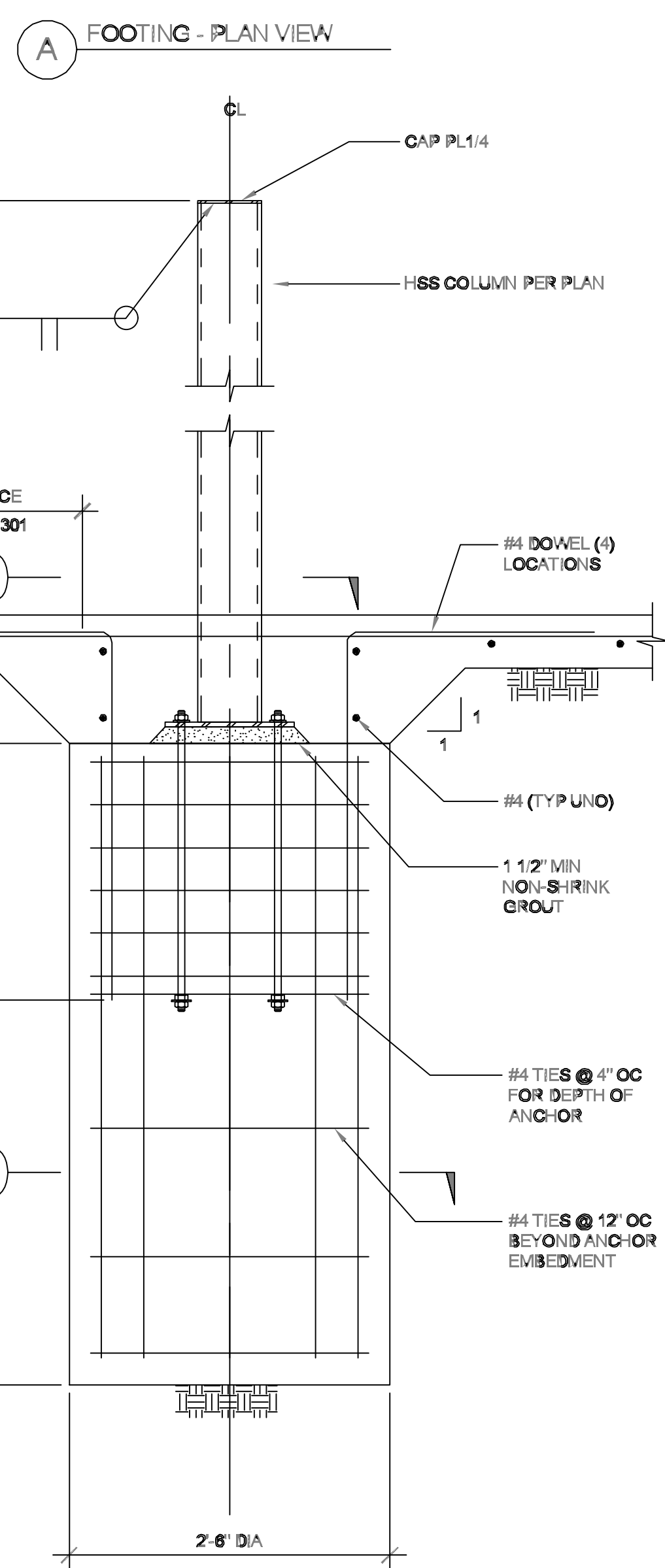
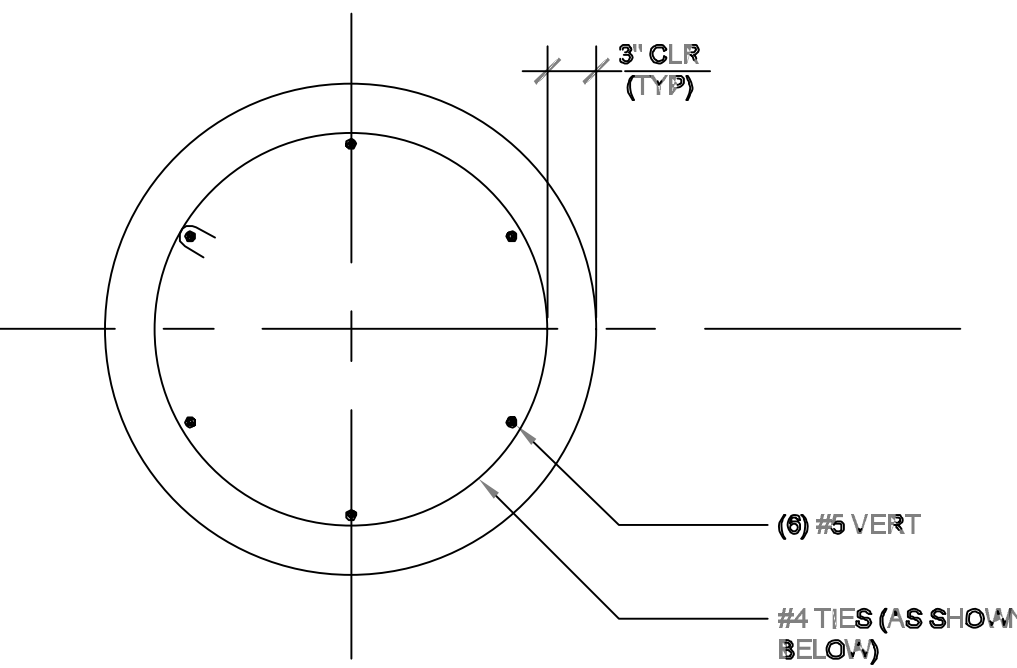
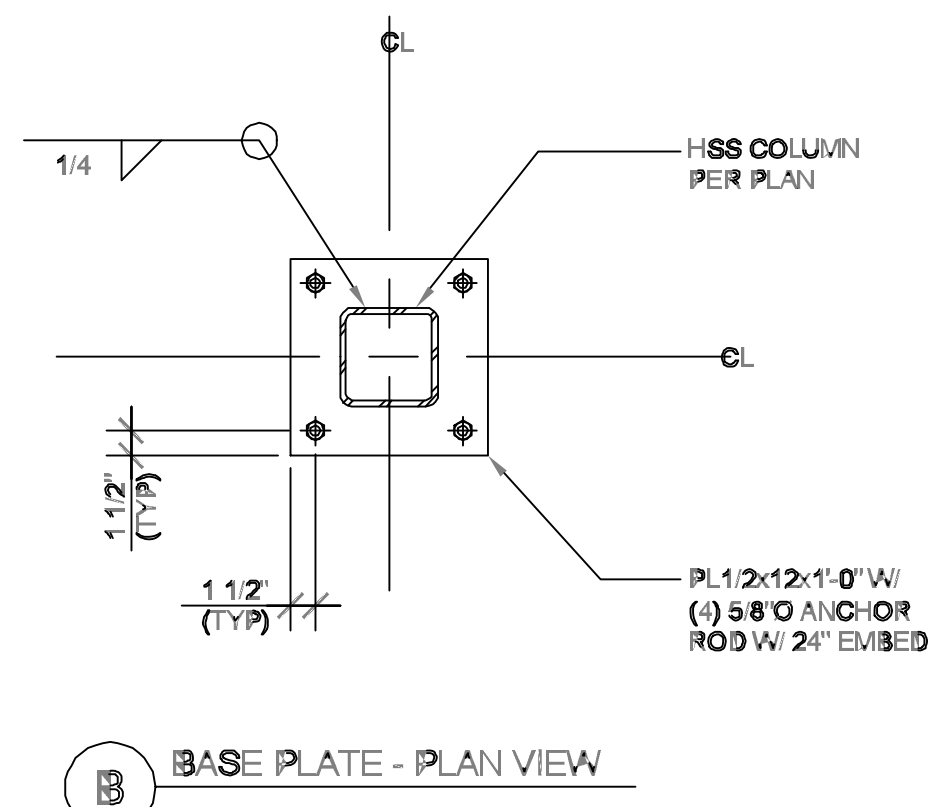
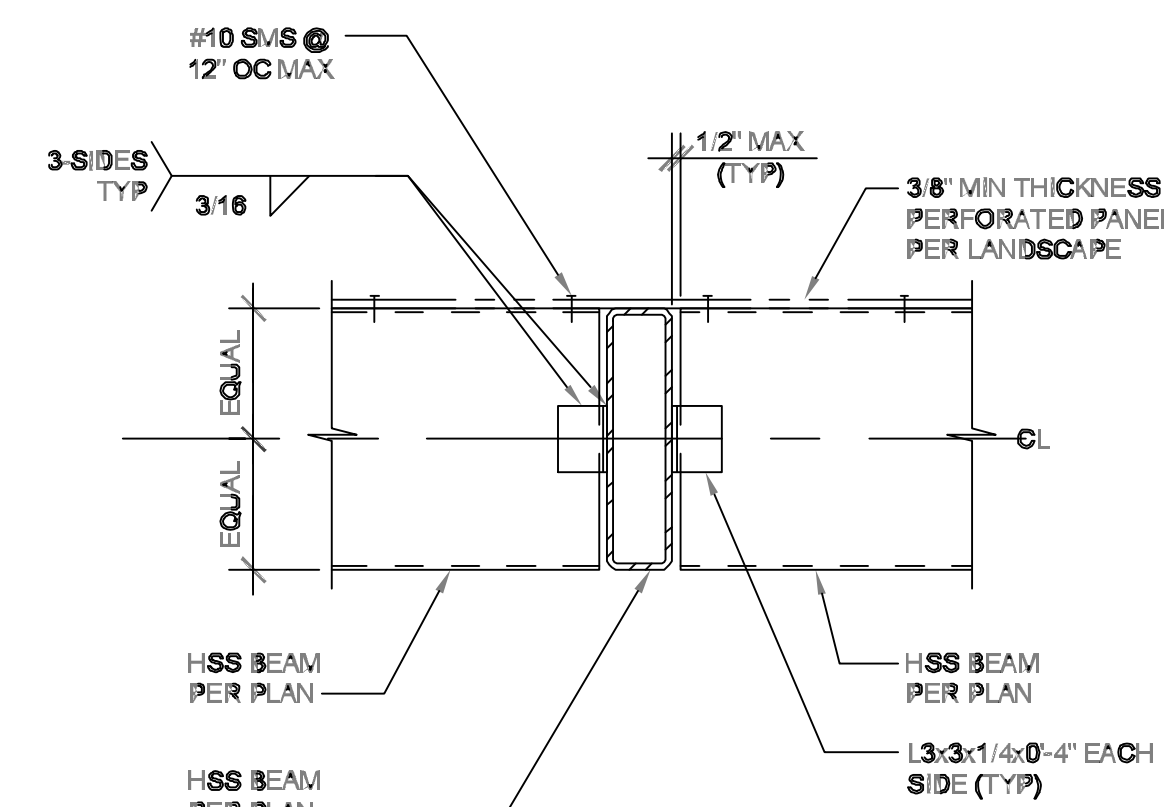
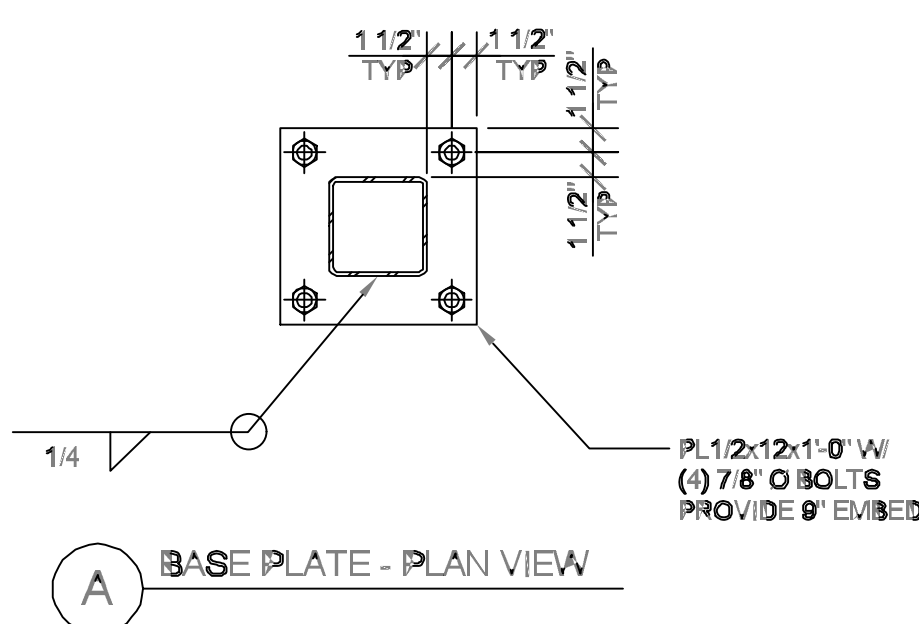
SOILS ENGINEER
REPORT #
DATE

REVISIONS

NO. DATE

7 0 5 4 3 2 1

1 in



REFERENCE FOR OWNER'S REVIEW AND DIRECTION	FORD 008
---	----------

NOTE: THIS SHEET IS PROVIDED FOR INFORMATION ONLY.
THESE DETAILS WERE USED TO BUILD STRUCTURES
CURRENTLY LOCATED IN THE PARK AND ARE OUTDATED.
CONTRACTOR IS REQUIRED TO SUBMIT STRUCTURAL PLANS
AND CALCULATIONS THROUGH DEFERRED SUBMITTAL AND
WILL BE REQUIRED TO MEET CURRENT CODE.



ValleyCrest
Design Group
SANTA ANA, CA
PH: 310.839.1707
CALIF. 03260



Loff
- 800 von Armenien, Suite 600
Tulsa, CA 97672
Tel: 503.252.8062
Fax: 503.252.8062
www.loff.com



REGISTERED PROFESSIONAL ENGINEER
WILLIAM H. THORE
No. SC 3886
Exp. 3-31-18
STRUCTURAL
STATE OF CALIFORNIA

DRAWN BY: CN
CHECKED BY: RC

THIS DOCUMENT IS NOT VALID UNLESS IT IS USED IN CONJUNCTION WITH THE FOLLOWING: 1. A PROFESSIONAL SEAL OR SIGNATURE OF AN ENGINEER REGISTERED IN THE STATE OF CALIFORNIA. 2. A PROFESSIONAL SEAL OR SIGNATURE OF AN ENGINEER REGISTERED IN THE STATE OF CALIFORNIA. 3. A PROFESSIONAL SEAL OR SIGNATURE OF AN ENGINEER REGISTERED IN THE STATE OF CALIFORNIA.

HERITAGE FIELDS EL TORO, LLC
PLANNING AREA 51 - DISTRICT 1 NORTH
ORANGE COUNTY GREAT PARK
SPORTS PARK
IRVINE, CALIFORNIA

	DATE	DESCRIPTION
A	5/26/2015	FOR CONSTRUCTION
A	12/20/2016	CONFORMED SET ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS #1-64
A	07/31/2017	TURN OVER / CONFORMED SET AS: #65-07/14/2017
△		
△		
△		
△		

JOB NUMBER:	1730293
ISSUE DATE:	02-01-16
PLAN CHECK:	#00648267-GPRE
PLAN CHECK:	#00648289-CNEW
PLAN CHECK:	#00648275-ELC

PHASE 1

SHADE STRUCTURE PLANS AND DETAILS

LS1-501

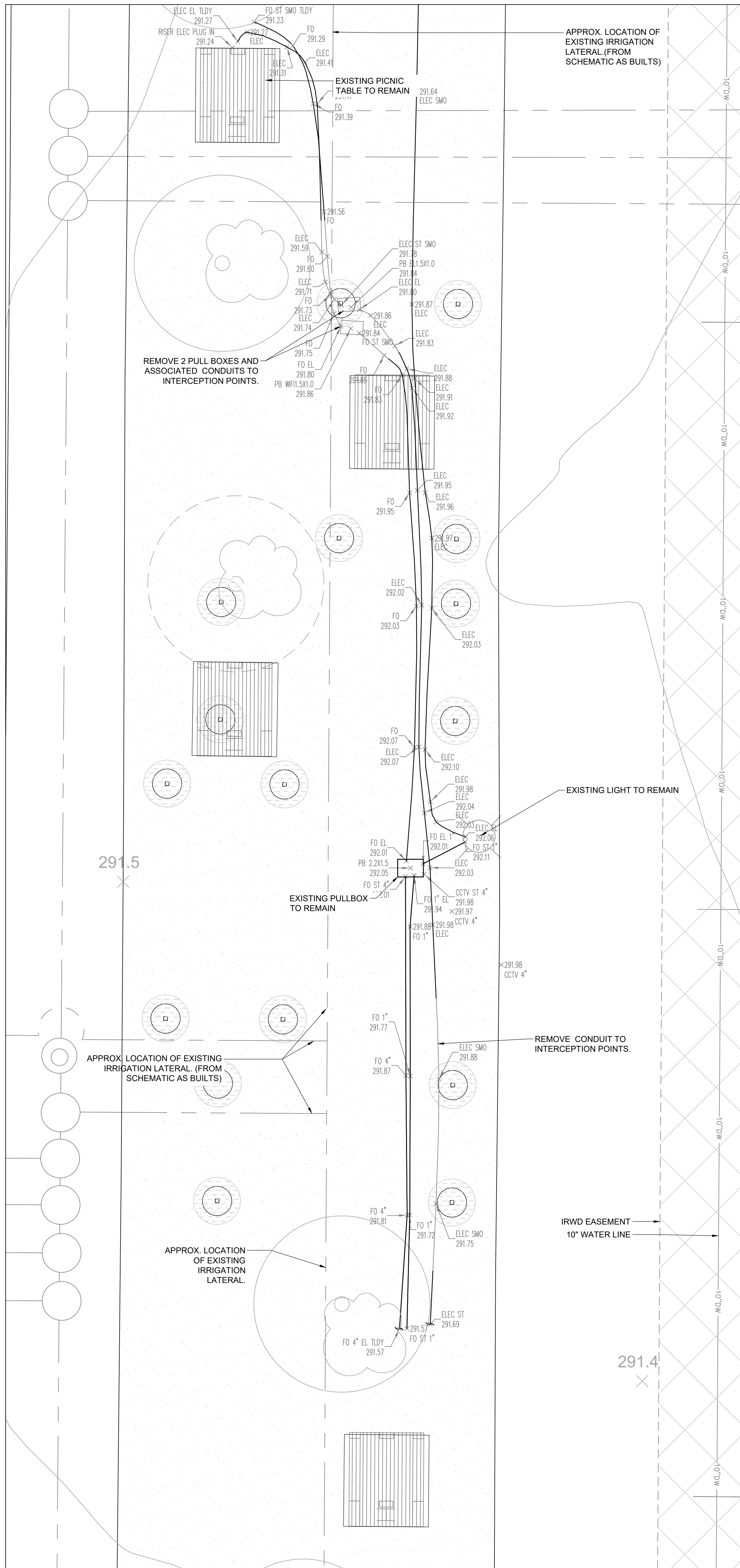
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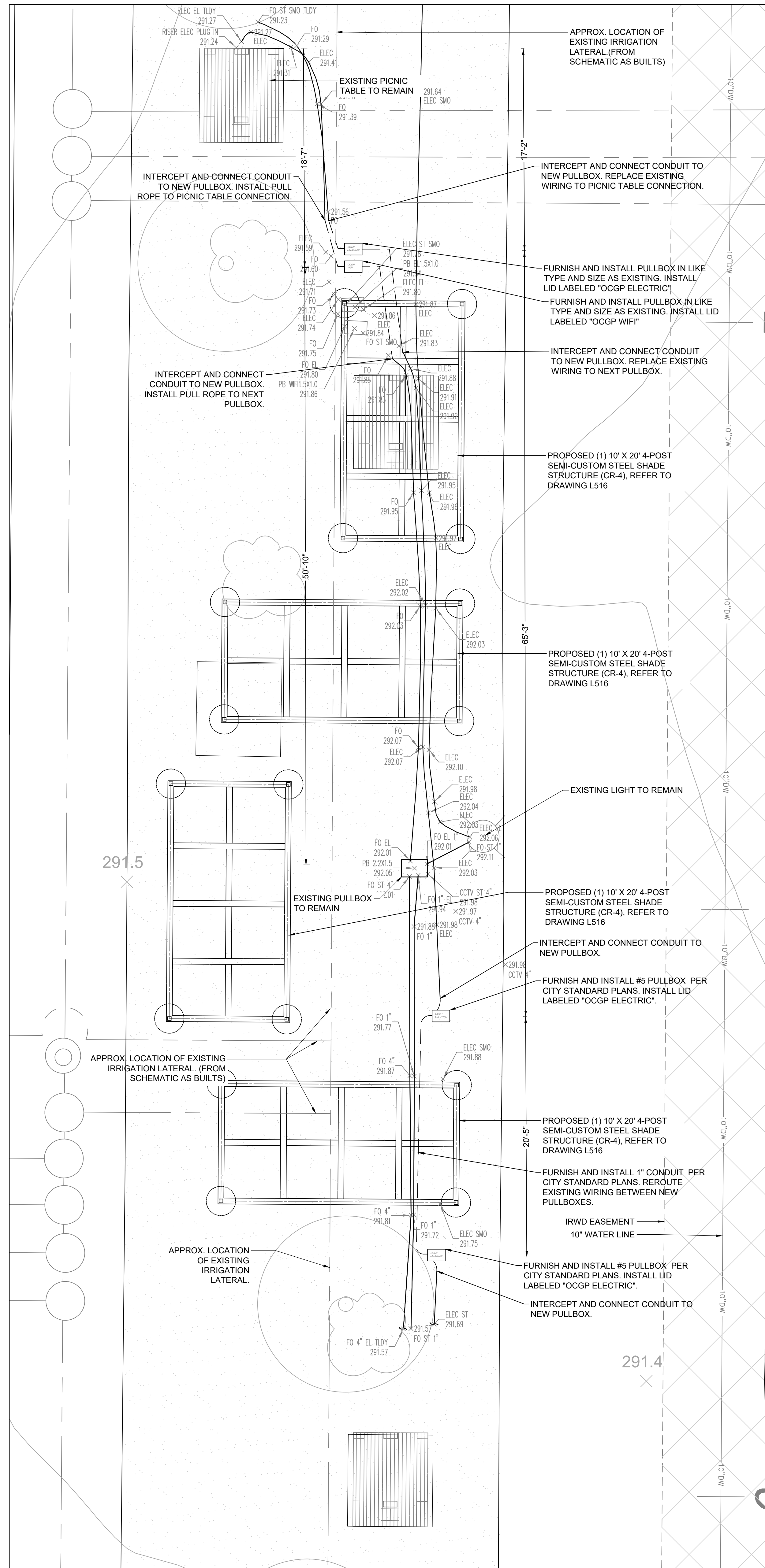
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1 DEMOLITION PLAN



2 LAYOUT PLAN

GENERAL NOTES:

- CONDUIT ROUTING SHOWN ON THESE DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATION OF EXISTING CONDUITS AFFECTED BY THE DESIGN.
- CONTRACTOR SHALL VERIFY STREET LIGHTING SYSTEM IS OPERATIONAL AS INTENDED AFTER REPLACEMENT OF PULLBOXES AND WIRING.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING AND NEW EQUIPMENT PRIOR TO CONSTRUCTION.

REFER TO L000 FOR FULL SHEET INDEX
REFER TO LCS TO LCS2 FOR BUILDING CODE INFORMATION
REFER TO L112 FOR SHADE STRUCTURE LAYOUT AND DETAILS.

ELECTRICAL SPECIFICATIONS:

ALL ELECTRICAL WORK SHALL CONFORM TO PART 7 OF THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION AND PART 7 OF THE SPECIAL PROVISIONS.

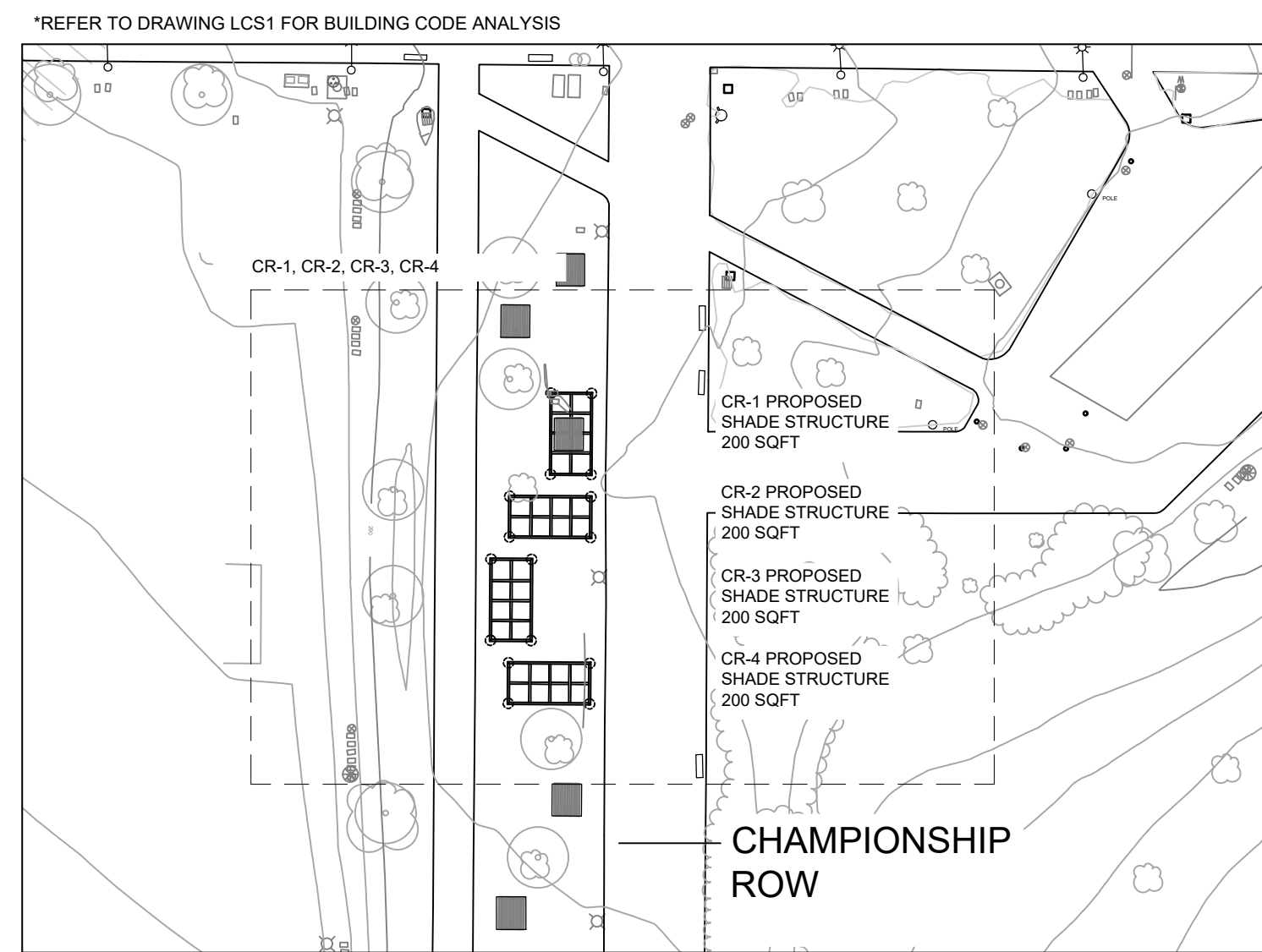
ELECTRICAL SCOPE OF WORK:

EXISTING ELECTRICAL AND COMMUNICATIONS PULLBOXES, CONDUITS, AND CABLING REQUIRE RELOCATION OUT OF CONFLICT WITH ANY EXISTING OR PROPOSED OBJECTS. FOUR (4) PULLBOXES AND ASSOCIATED CONDUITS AND CABLING REQUIRE REPLACEMENT. EXACT CONDUIT ROUTING SHALL BE LOCATED, AND INTERCEPTION POINTS SHALL BE CREATED. PULL ROPE SHALL BE INSTALLED IN CONDUITS FROM NEW OCGP WIFI PULLBOX TO NEXT CONNECTION POINT IN EACH DIRECTION. WIRING SHALL BE INSTALLED IN CONDUITS FROM NEW OCGP ELECTRIC PULLBOXES TO NEXT PULLBOX IN EACH DIRECTION. WIRING SHALL REPLICATE EXISTING LIGHTING SYSTEM. IF FIELD CONDITIONS DIFFER FROM EXISTING EQUIPMENT SHOWN ON THESE PLANS, CONSULT THE ENGINEER OF RECORD.

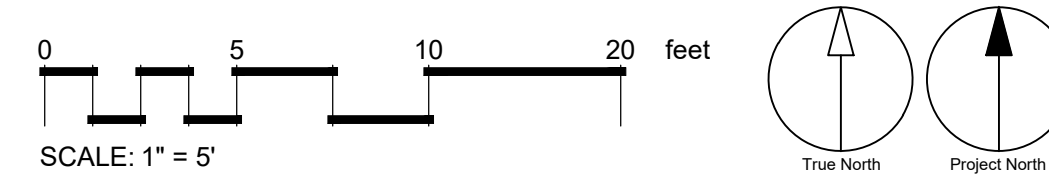


**Underground Service
Alert of Southern
California**

PO Box 77070
Corona, CA 92877-0102
Website: www.digalert.org
SMS: 344258 (DIGALT)
E-mail: newsline@digalert.org



3 CONTEXT PLAN



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Arcadis, a California Partnership
Formerly H&M Group, a California Partnership

SHADE IMPROVEMENTS - PHASE 2 GREAT PARK (GP) CHAMPIONSHIP ROW SEMI-CUSTOM CR-1, CR-2, CR-3 & CR-4 ELECTRICAL DEMO & LAYOUT PLAN CITY OF IRVINE CITYMAN DEVELOPMENT DEPARTMENT										PLANS PREPARED BY:  18401 Van Kester Avenue - Suite 300 Irvine CA 92614 USA Phone: 949.215.1271 www.arcadis.com										 JONATHAN LEVY ENGINEER										PLANNING ENGINEER										LICENSE NO. EXP. 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