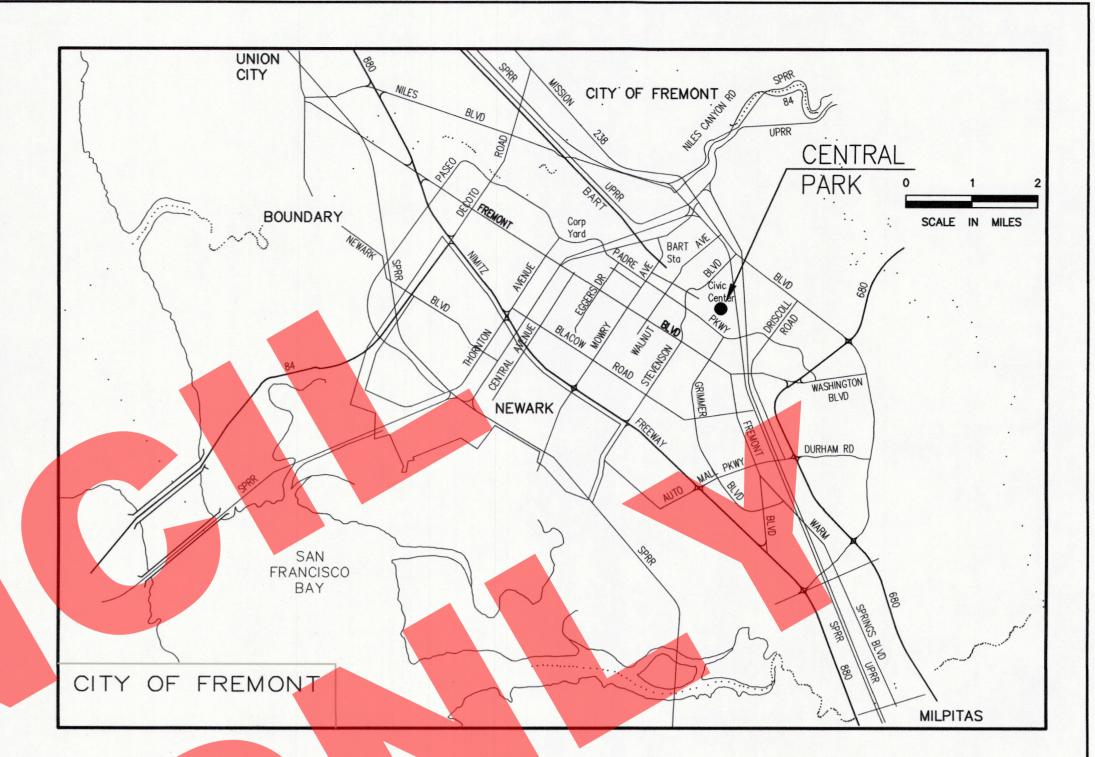


CITY OF FREMONT

ALAMEDA COUNTY, CALIFORNIA

CENTRAL PARK CRICKET FIELD SHADES

9001 (PWC)



GENERAL NOTES

 LOCATION OF EXISTING FACILITIES WERE TAKEN PARTIALLY FROM RECORDS AND MAY BE INCOMPLETE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES PRIOR TO ANY EXCAVATION OR TRENCHING IN THEIR LOCALITY.

THE UTILITY AGENCIES IN THE CITY OF FREMONT ARE:

ALAMEDA COUNTY WATER DISTRICT

43885 SOUTH GRIMMER BOULEVARD
FREMONT, CA 94537
PHONE: (510) 659-1970

UNION SANITARY DISTRICT (USD) 5072 BENSON ROAD UNION CITY, CA 94587-2508

PACIFIC GAS & ELECTRIC CO. 41800 BOSCELL ROAD FREMONT, CA 94538 PHONE: (510) 683-3025

PHONE: (510) 477-7500

1340 TREAT BLVD, SUITE 100 WALNUT CREEK, CA 94597 PHONE: (925) 953-7093 XO COMMUNICATIONS 855 MISSION BOULEVARD FREMONT, CA 94539 PHONE: (510) 580-6363

AT&T 870 N. MCCARTHY ROAD, CUBE 1.167 MILPITAS, CA 95035 PHONE: (408) 635-8831

COMCAST 8470 PARDEE ROAD OAKLAND, CA 94621 PHONE: (510) 567-9213

- 2. AMBULANCE SERVICES: PARAMEDICS PLUS: (825) 422-7595; ATTN: RASHIDA KAMARA
- 3. AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE BEGINNING OF WORK, THE CONTRACTOR SHALL NOTIFY LOCAL AUTHORITIES, INCLUDING THE CITY OF FREMONT POLICE DEPARTMENT OF HIS INTENT TO BEGIN WORK. THE CONTRACTOR SHALL COOPERATE WITH THE ENGINEER RELATIVE TO HANDLING TRAFFIC THROUGH THE AREA AND SHALL MAKE HIS OWN ARRANGEMENTS RELATIVE TO KEEPING THE WORKING AREA CLEAR OF PARKED VEHICLES. THE FOLLOWING CONTACT INFORMATION IS PROVIDED FOR THE CONTRACTORS INFORMATION ONLY. CONTRACTOR IS RESPONSIBLE FOR CONTACTING AND COORDINATING WITH LOCAL AUTHORITIES AND AGENCIES.

FREMONT POLICE DEPARTMENT - DISPATCH: (510) 790-6800 FREMONT FIRE DEPARTMENT - DISPATCH: (925) 422-7594 PARAMEDIC PLUS - OPERATIONS: (510) 746-5700

- BLT FREMONT RECYCLING TRANSFER STATION: (510) 252-0500
 REPUBLIC SERVICES "ALLIED WASTE" (GARBAGE PICKUP): (510) 657-3500
- 4. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY.
- 5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL NECESSARY UTILITY RELOCATIONS WITH THE APPROPRIATE UTILITY COMPANY.
- 6. THE CONTRACTOR IS ENCOURAGED TO USE RECLAIMED WATER GENERATED BY UNION SANITARY DISTRICT (USD) FOR CONSTRUCTION ACTIVITIES. FOR FURTHER INFORMATION, CONTACT USD AT (510) 477-7500.
- 7. NOTIFICATION BY THE CONTRACTOR:

PRIOR TO ANY EXCAVATION IN THE VICINITY OF ANY EXISTING UNDERGROUND FACILITIES, INCLUDING ALL WATER, SEWER, STORM DRAIN, GAS, PETROLEUM PRODUCTS, OR OTHER PIPELINES; ALL BURIED ELECTRICAL POWER, COMMUNICATIONS, OR TELEVISION CABLES; ALL TRAFFIC SIGNAL AND STREET LIGHTING FACILITIES; AND ALL ROADWAY AND STATE HIGHWAY RIGHT-OF-WAYS THE CONTRACTOR SHALL NOTIFY THE UNDERGROUND SERVICE ALERT AGENCY (800.227.2600) AND THE RESPECTIVE AUTHORITIES REPRESENTING THE OWNERS OR AGENCIES RESPONSIBLE FOR SUCH UNDERGROUND FACILITIES NOT LESS THAN 48 HOURS PRIOR TO EXCAVATION SO THAT A REPRESENTATIVE OF SAID OWNERS OR AGENCIES CAN MARK THE UTILITY ALIGNMENT OR BE PRESENT DURING SUCH WORK IF THEY SO DESIRE.

SCOPE OF WORK

THE PROJECT SCOPE INCLUDES DEMOLITION OF CONCRETE PAVEMENT, INSTALLATION OF SHADE STRUCTURE AND FOOTINGS, INSTALLATION OF SHADE FABRICS, CONCRETE PAVEMENT, AND RELOCATION OF BENCHES.

ABBREVIATIONS

AGGREGATE BASE

(ADDITIONAL ABBREVIATIONS MAY BE LOCATED ON SPECIFIC SHEETS)

	AB	AGGREGATE BASE	EQ	EQUAL	PA	PLANTING AREA
	ASB	AGGREGATE SUBBASE	EW	EDGE OF WALK	PB	PULLBOX
	BLDG	BUILDING	EX	EXISTING	PCC	PORTLAND CEMENT CONCRET
1	BM	BENCH MARK	FCE	FENCE	PLTR	PLANTER
-	BMP	BEST MANAGEMENT PRACTICES	FG	FINISHED GRADE	POC	POINT OF CONNECTION
	BPU	BACKFLOW PREVENTER UNIT	FS	FINISHED SURFACE	PVC	POLYVINYL CHLORIDE
	BW	BACK OF WALK	FTF	FACE TO FACE	QCV	QUICK COUPLER VALVE
	CIP	CAST IN PLACE	GB	GRADE BREAK	R	RADIUS
	CLF	CHAIN LINK FENCE	GM	GAS METER	RCV	REMOTE CONTROL VALVE
	CL	CENTERLINE	GV	GAS VALVE	ROW	RIGHT OF WAY
	CLR	CLEAR	HB	HOSE BIBB	SC	SAW CUT
	CO	CLEANOUT	HH	HAND HOLE	SG	TOP OF SUBGRADE
	CONC	CONCRETE	HSS	HIGHER STRENGTH STEEL	SD	STORM DRAIN
	CONF	CONFORM	HVCAB	HIGH VOLTAGE CABINET	SHR	SHRUB
J	CP	CONCRETE PAD	HW	HOT WATER	SL	STREET LIGHT/ELECTROLIER
	CTC	CENTER TO CENTER	ICC	IRRIGATION CONTROL CABINET	SLPB	STREET LIGHT PULL BOX
	CW	COLD WATER	INV	INVERT	SP	SPOT ELEVATIONS
	DJ	DEEP JOINT	IRR	IRRIGATION SPRINKLER HEADS	SQ	SQUARE
	DI	DRAINAGE INLET	LF	LINEAR FEET	SS	SANITARY SEWER
	DIA	DIAMETER	LOW	LIMIT OF WORK	SSCP	SANITARY SEWER CLEANOUT
	DWN LT	DOWN LIGHT	MAX	MAXIMUM	SSMH	SANITARY SEWER MANHOLE
	(E)	EXISTING	MH	MANHOLE	SW	SIDEWALK
	EM	ELECTRICAL METER	MIN	MINIMUM	TB	TOP OF SLOPE
ě	EP	EDGE OF PAVEMENT	MON	MONUMENT	TC	TOP OF CURB
	EPB	ELECTRICAL PULL BOX	(N)	NEW	TEMP	TEMPORARY
			O.C.	ON CENTER	TYP	TYPICAL
					VTR	VENT THROUGH ROOF

SCHEDULE OF DRAWINGS

SHEET NO.	SHEET	DESCRIPTION
1	L0.0	COVER SHEET
2	L1.0	EXISTING CONDITIONS AND SITE IMPROVEMENTS PLAN
3	L2.0	CONSTRUCTION DETAILS
4	S1	SHADE CLOTH STRUCTURAL DETAILS

APPLICABLE CODES AND REGULATIONS

CALIFORNIA BUILDING CODE (CBC) AND CITY OF FREMONT ORDINANCE NUMBERS:
CALIFORNIA FIRE CODE 2019 EDITION (CBC) #24-2013
CALIFORNIA BUILDING CODE 2019 EDITION (CBC) #23-2013
CALIFORNIA ELECTRIC CODE 2019 EDITION (CBC) #23-2013

CALIFORNIA GREEN BUILDING STANDARDS SECTIONS: 5.407.1 WEATHER PROTECTION 5.407.2 MOISTURE CONTROL

5.408.1 CONSTRUCTION WASTE MANAGEMENT 5.504.4 FINISH MATERIAL POLLUTANT CONTROL



11/14/2023

APPROVED --- KHANDAN BAHMANI, CITY ENGINEER D

FEDERAL PROJECT:

PWC 9001

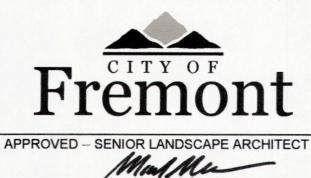
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DATE:

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CENTRAL PARK
CRICKET FIELD SHADES
COVER SHEET

PUBLIC WORKS DEPARTMENT

DATE RECOMMENDED - PROJECT MANAGER

DESIGNED BY:
EL

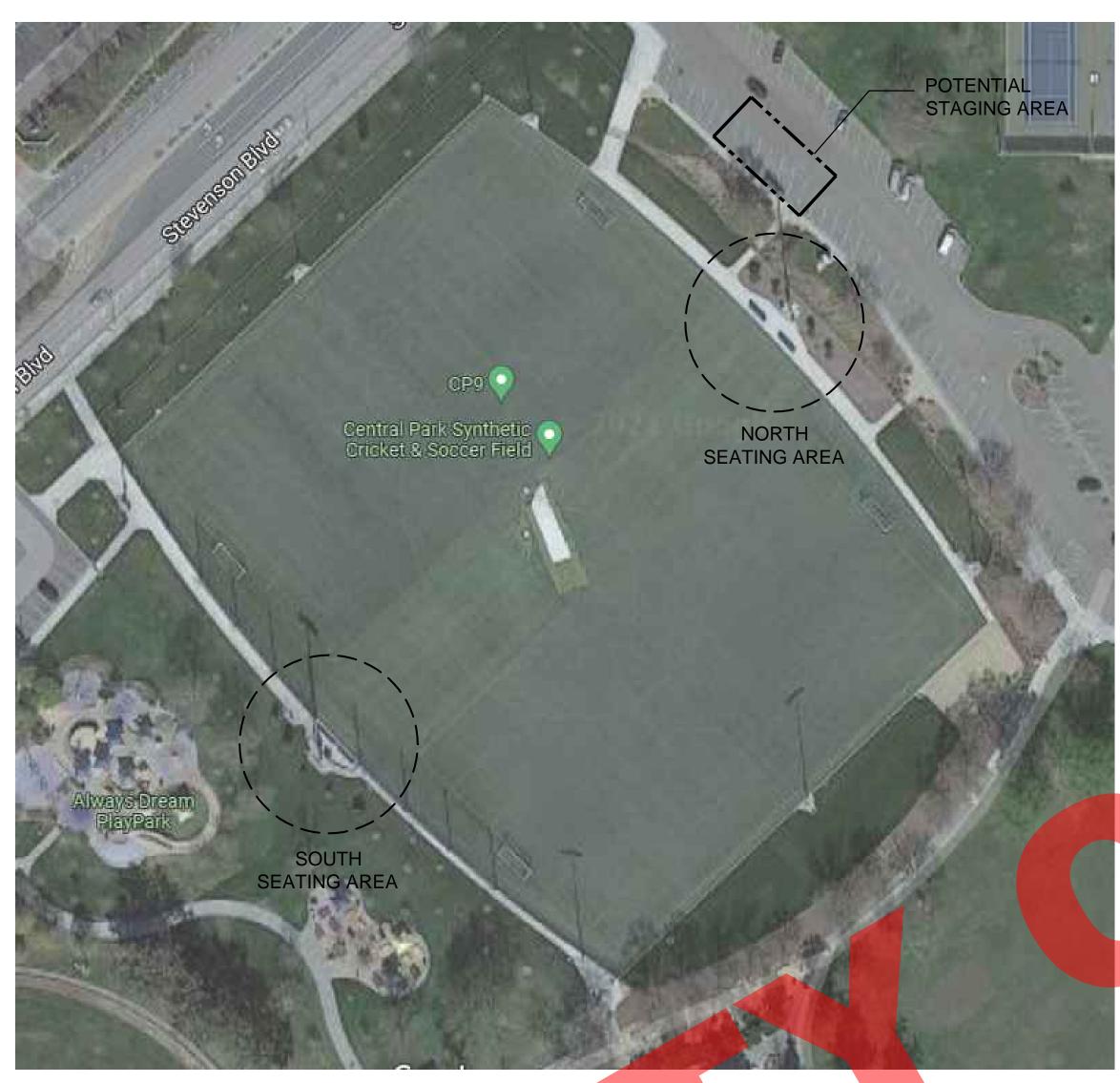
DATE
11/14/2023

DRAWN BY:
EL

DRAWING:

REVIEWED --- JUAN BARAJAS, PARKS SUPERINTENDENT DATE

SCALE:





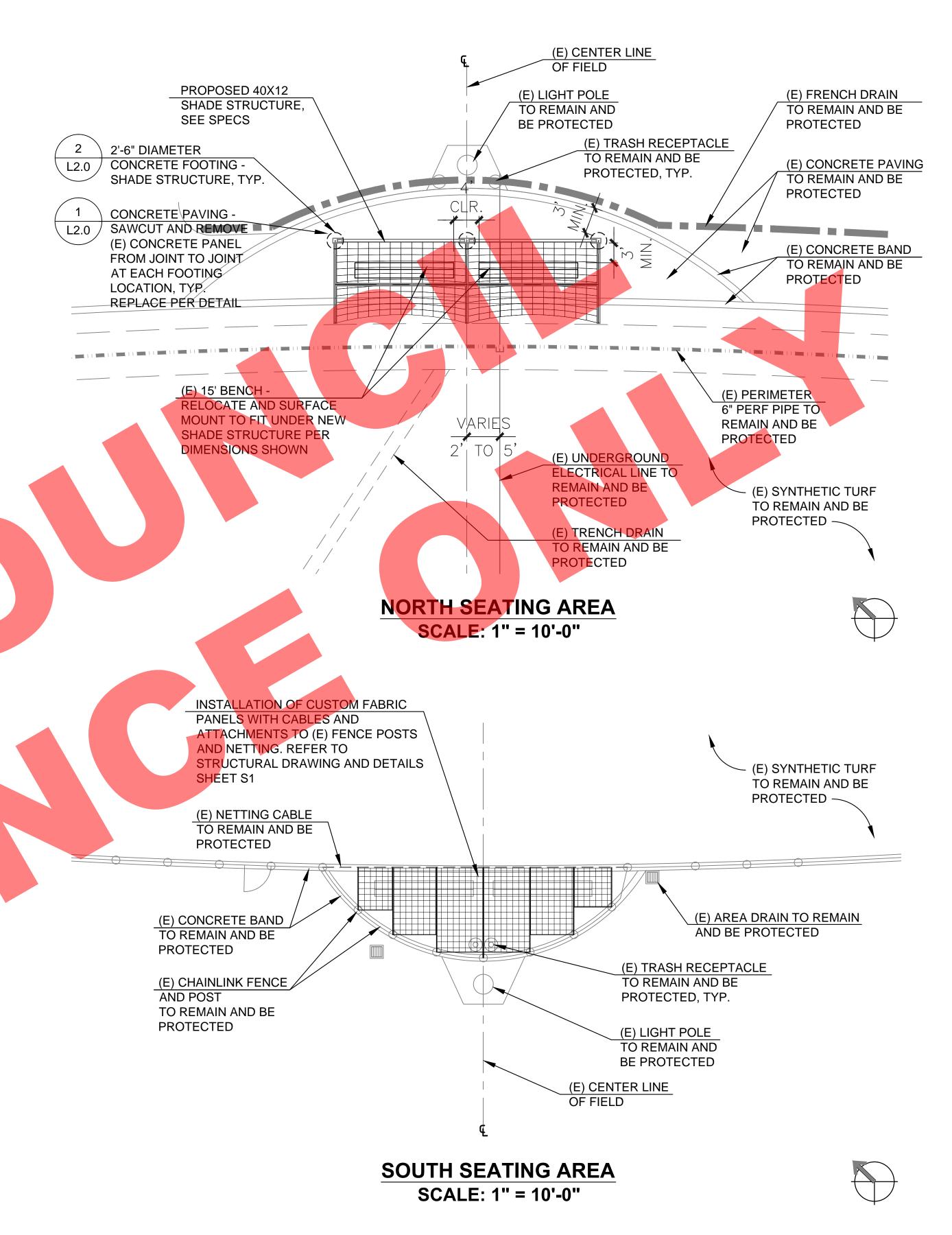
STAGING NOTES:

- 1. POTENTIAL STAGING AREA SHALL BE USED FOR STORAGE OF ALL CONTRACTOR EQUIPMENT AND FURNISHED MATERIALS.
- 2. STAGING AREA, AS DELINEATED, ARE APPROXIMATE IN SIZE AND LOCATION. CONTRACTOR SHALL PROVIDE A STAGING PLAN, WHICH IDENTIFIES THE DESIRED LOCATION AND SIZE OF THE AREA.
- 3. PRIOR TO VEHICULAR AND EQUIPMENT ACCESS INTO THE SITE, THE CONTRACTOR SHALL PROTECT THE EXISTING SURFACES FROM DAMAGE. THE NEED FOR PROTECTIVE SHEETING OR PLATING TO PROTECT THESE SURFACES SHALL BE PAID FOR IN ALL THE VARIOUS BID ITEMS.

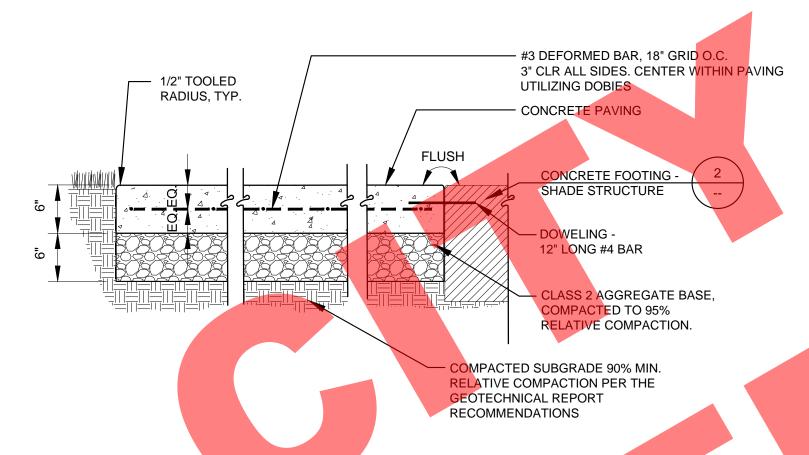
 4. CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO THE PARKING LOT AT ALL TIMES DURING CONSTRUCTION.

GENERAL NOTES:

- 1. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTION TO ENSURE ALL AREAS USE FOR CONSTRUCTION ACCESS ARE PROTECTED AND NOT DAMAGED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE ANY DAMAGE TO THE SATISFACTION THE OF CITY
- 2. CONTRACTOR SHALL VERIFY THAT EXISTING CONDITIONS ARE AS INDICATED ON THE DRAWINGS. NOTIFY THE CITY OF VARIATIONS OR DISCREPANCIES. DO
- NOT PROCEED WITH AFFECTED WORK UNTIL THE VARIATIONS OR DISCREPANCIES ARE RESOLVED 3. CONTRACTOR SHALL PERFORM ALL DEMOLITION, REMOVAL OF OBSTRUCTIONS AND SITE PREPARATION NECESSARY FOR THE PROPER EXECUTION OF ALL WORK CONTAINED IN THE CONTRACT DOCUMENTS.
- 4. ALL REFERENCE MARKINGS MADE BY THE CONTRACTOR SHALL BE DONE WITH SPRAY CHALK, AND SHALL BE REMOVED BY THE CONTRACTOR WHEN NO
- 5. ALL EXISTING FEATURES ARE TO REMAIN UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING, AT THE CONTRACTOR'S EXPENSE, ANY EXISTING ITEM DAMAGED OR DESTROYED BY CONSTRUCTION OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY AND ALL DAMAGES TO ADJACENT PROPERTIES. THE DAMAGED ITEMS SHALL BE RESTORED TO AN "AS-WAS" OR BETTER CONDITION OR REPLACED PER THE DISCRETION OF THE CITY.
- 6. NO MATERIALS OR EQUIPMENT SHALL BE STORED WITHIN EXISTING SYNTHETIC TURF FIELD.



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				1 2 No. 3509 1 CT	Tromont	EXISTING COND	TIONS AND SITE IMPROVEMEN	T PLAN_		1	NOTE: VERIFY SCALE.	I 1 N
				Signature 11/14/2023 /*/	Fremont	PUBLI	C WORKS DEPARTMENT		DESIGNED BY: EL	CHECKED BY:	BAR IS ONE INCH ON ORIGINAL DRAWING.	
				Date	APPROVED SENIOR LANDSCAPE ARCHITECT	DATE	RECOMMENDED PROJECT MANAGER	DATE	DRAWN BY:	DATE:	ADJUST SCALES ACCORDINGLY IF BAR	
				OF CALIFORNIA	MadMe	11/14/2023	Sualo	11/14/2023	EL	NOV 2023	IS NOT ONE INCH.	SHEET 2 OF 4



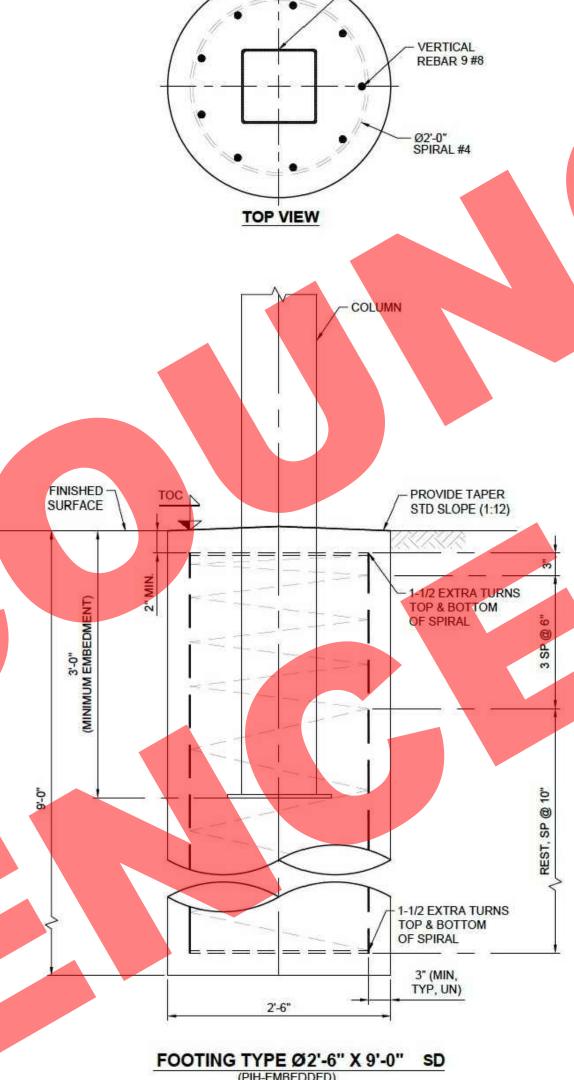
- NOTES:

 1. MEDIUM BROOM FINISH PERPENDICULAR TO WALK DIRECTION UNLESS OTHERWISE SHOWN ON PLAN.

 2. CROSS SLOPE SHALL BE AS NOTED ON PLANS AND AT 1.0% MIN. AND NOT EXCEEDING 2% WITHIN PATH OF TRAVEL.

 3. SCORE JOINTS SHALL BE TOOLED AND 1/4" WIDE x 1/2" DEEP.





FOOTING TYPE Ø2'-6" X 9'-0" SD (PIH-EMBEDDED) USE FOR NON-CONSTRAINED CASES

THIS DETAIL IS FOR REFERENCE ONLY. CONTRACTOR IS REQUIRED TO OBTAIN STRUCTURAL DRAWINGS AND CALCULATIONS FROM MANUFACTURER AND SUBMIT TO CITY FOR APPROVAL PRIOR TO CONSTRUCTION.

CONCRETE FOOTING - SHADE STRUCTURE

No.	DATE	REVISION	BY	APPD	
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Fremont
APPROVED SENIOR LANDSCAPE ARCHITECT

CENTRAL PARK
CRICKET FIELD SHADES
CONSTRUCTION DETAILS
PUBLIC WORKS DEPARTMENT

11/14/2023

RECOMMENDED -- PROJECT MANAGER

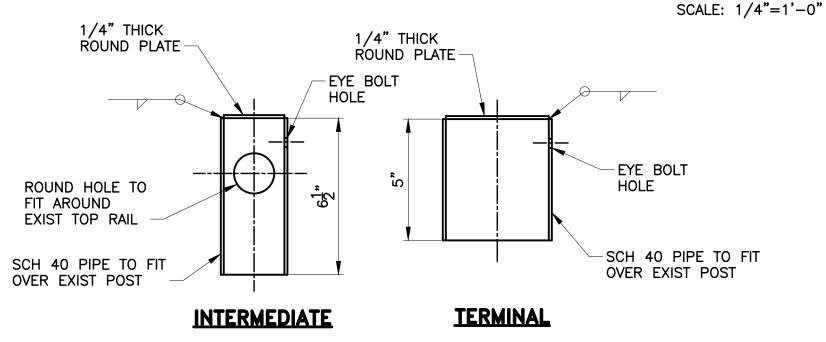
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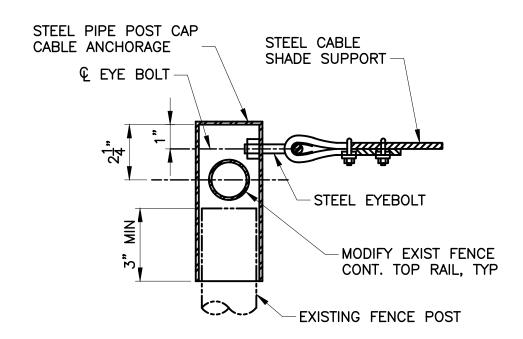
SHEET 3 OF 4

DRAWING:

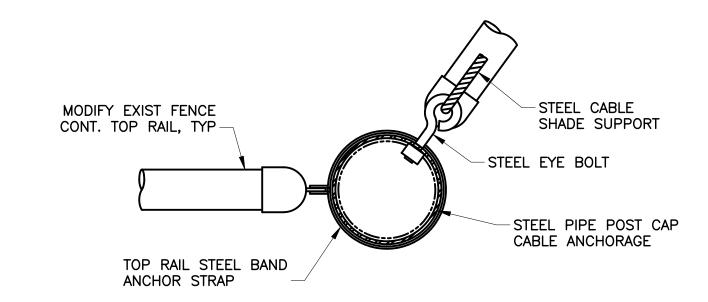
PLAN - SHADE CLOTH AT CRICKET FIELD SEATING AREA



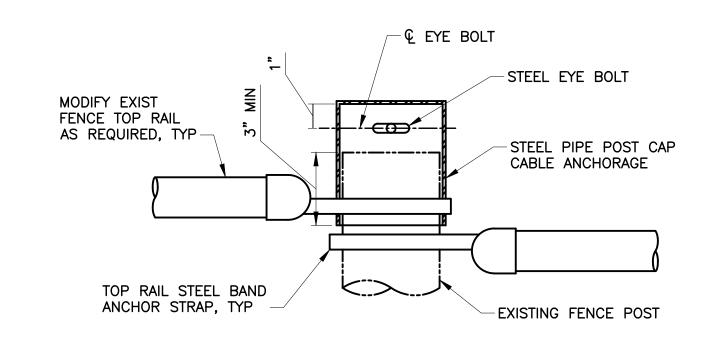
DETAIL STEEL PIPE POST CAP CABLE ANCHORAGE



SECTION (B) INTERMEDIATE CABLE SUPPORT POST ANCHORAGE



DETAIL TERMINAL CABLE SUPPORT POST ANCHORAGE



SECTION C) TERMINAL CABLE SUPPORT POST ANCHORAGE

GENERAL NOTES:

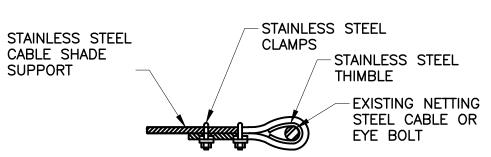
ALL NEW CONSTRUCTION SHALL COMPLY WITH THE CONTRACT DOCUMENTS AND THE 2019 CBC.

2. EXISTING CONDITIONS AS SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY. CONTRACTOR IS REQUIRED TO FIELD VERIFY ALL EXISTING FIELD CONDITIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL AND PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REPORT ALL CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE CITY REPRESENTATIVE. NO DEVIATIONS FROM THE CONTRACT DOCUMENTS ARE ALLOWED WITHOUT WRITTEN DIRECTION FROM THE CITY. DO NOT SCALE DRAWINGS

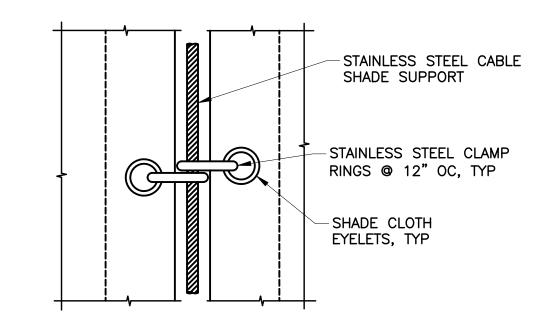
ADMIN. CODE, GENERAL SAFETY ORDERS ("OSHA") IS APPLICABLE TO THE CONSTRUCTION OF THIS PROJECT AND PROVISIONS THEREOF MUST BE FOLLOWED. MEANS AND METHODS OF CONSTRUCTION, SAFETY ON THE JOBSITE ARE INTENDED TO BE AND TO REMAIN SOLELY THOSE OF THE CONTRACTOR.

ABBREVIATIONS:

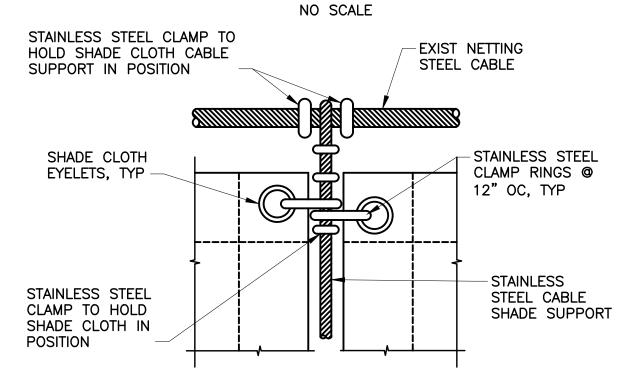
CLR	CLEAR	EQ	EQUAL	OC	ON CENTER
CONC	CONCRETE	EXIST	EXISTING	REINF	REINFORCEMENT
CONT	CONTINUOUS	JT	JOINT	REQ'D	REQUIRED
CONST	CONSTRUCTION	LONG	LONGITUDINAL	SCH	SCHEDULE
DIA	DIAMETER	MAX	MAXIMUM	TRANS	TRANSVERSE
DIST	DISTANCE	MFR	MANUFACTURER	TYP	TYPICAL
EA	EACH	MIN	MINIMUM	UNO	UNLESS NOTED
ELEV	ELEVATION	(N)	NEW		OTHERWISE
EOR	ENGINEER OF RECORD			VERT	VERTICAL



SECTION CABLE SUPPORT ANCHORAGE



DETAIL SHADE CLOTH



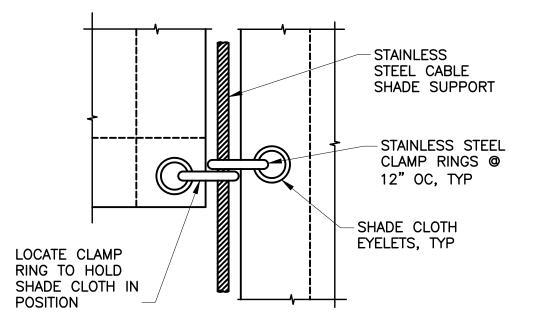
DETAIL SHADE CLOTH AT CABLE ANCHORAGE NETTING CABLE SIDE NO SCALE

WELDING

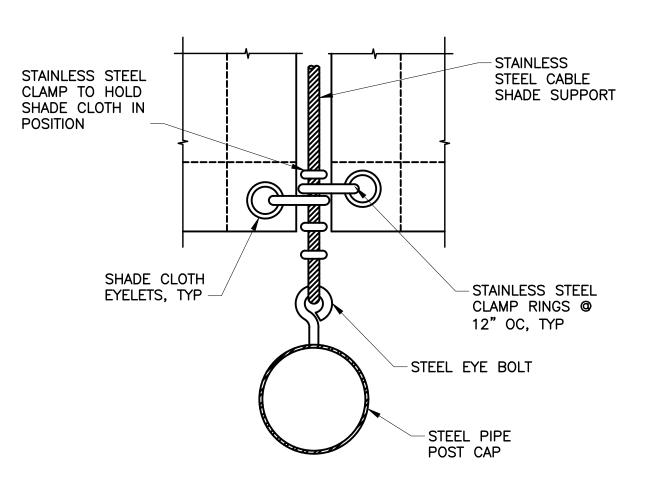
1. WELDING MUST COMPLY WITH AWS D1.1.

MATERIALS

- 1. POST CAPS, EYE BOLTS, AND OTHER REQUIRED FITTINGS AND HARDWARE MUST BE COMMERCIAL QUALITY STEEL. POST TOPS AND OTHER CLOSURES MUST BE WATERTIGHT. FITTINGS AND HARDWARE MUST FASTEN PROPERLY TO THE POSTS AND OTHER MEMBERS.
- 2. PIPE FOR POST CAP MUST BE ASTM A53 GRADE B. PLATES FOR POST CAP MUST BE ASTM
- 3. THE EYE OF THE EYE BOLTS MUST BE EITHER DROP FORGED OR FORMED WITH A COMPLETE PENETRATION WELD. THE EYE MUST DEVELOP 100 PERCENT OF THE BOLT
- 4. POST CAPS, EYE BOLTS, AND OTHER REQUIRED FITTINGS AND HARDWARE MUST BE GALVANIZED WITH A MINIMUM OF 1.2 OZ/SQFT OF ZINC, POWDER COATED BLACK TO MATCH EXISTING CHAINLINK FENCE AND POST.
- 5. CABLE MUST BE STAINLESS STEEL WIRE ROPE, 5/16" IN DIAMETER, HAVE A MINIMUM BREAKING STRENGTH OF 5,000 LBS
- 6. SLEEVE CLAMPS MUST BE STAINLESS STEEL, DEVELOP THE STRENGTH OF THE CABLE, AND BE THE SAME COLOR AS THE CABLE.
- 7. SHADE CLOTH FABRIC MUST BE MIN 80% SHADE FACTOR, MIN 85% UV BLOCKING, UV AND WEATHER RESISTANT, AND HIGH-DENSITY POLYETHYLENE MESH (HDPE) OR APPROVED EQUIVALENT.
- 8. TENSION SHADE SUPPORT CABLE TO REMOVE SAG IN SHADE CLOTH.



SHADE CLOTH CORNER AT CABLE SUPPORT



DETAIL 5 SHADE CLOTH AT CABLE ANCHORAGE **POST SIDE**

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APPROVED P	RINCIPAL ENGINEER

SH	HADE	CLOTH	STRUCTURAL	DETAILS		
	CRICKET FIELDS SHADE PROJECT					

PUBLI	C WORKS DEPARTMENT
DATE	RECOMMENDED PROJECT MANAGER

CITY PROJECT:		SCALE:	DRAWING:
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FEDERAL PROJECT: N/A		0 1 1"	C
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DRAWN BY: B. FELDMAN	DATE: Nov. 2023	ACCORDINGLY IF BAR IS NOT ONE INCH.	SHEET 4

SHEET 4 OF 4