

WEBER POINT EVENTS CENTER SHADE STRUCTURE REHABILITATION - PHASE 2

CITY PROJECT NO. WP22033
CITY OF STOCKTON, CALIFORNIA

CONVENTIONAL SYMBOLS

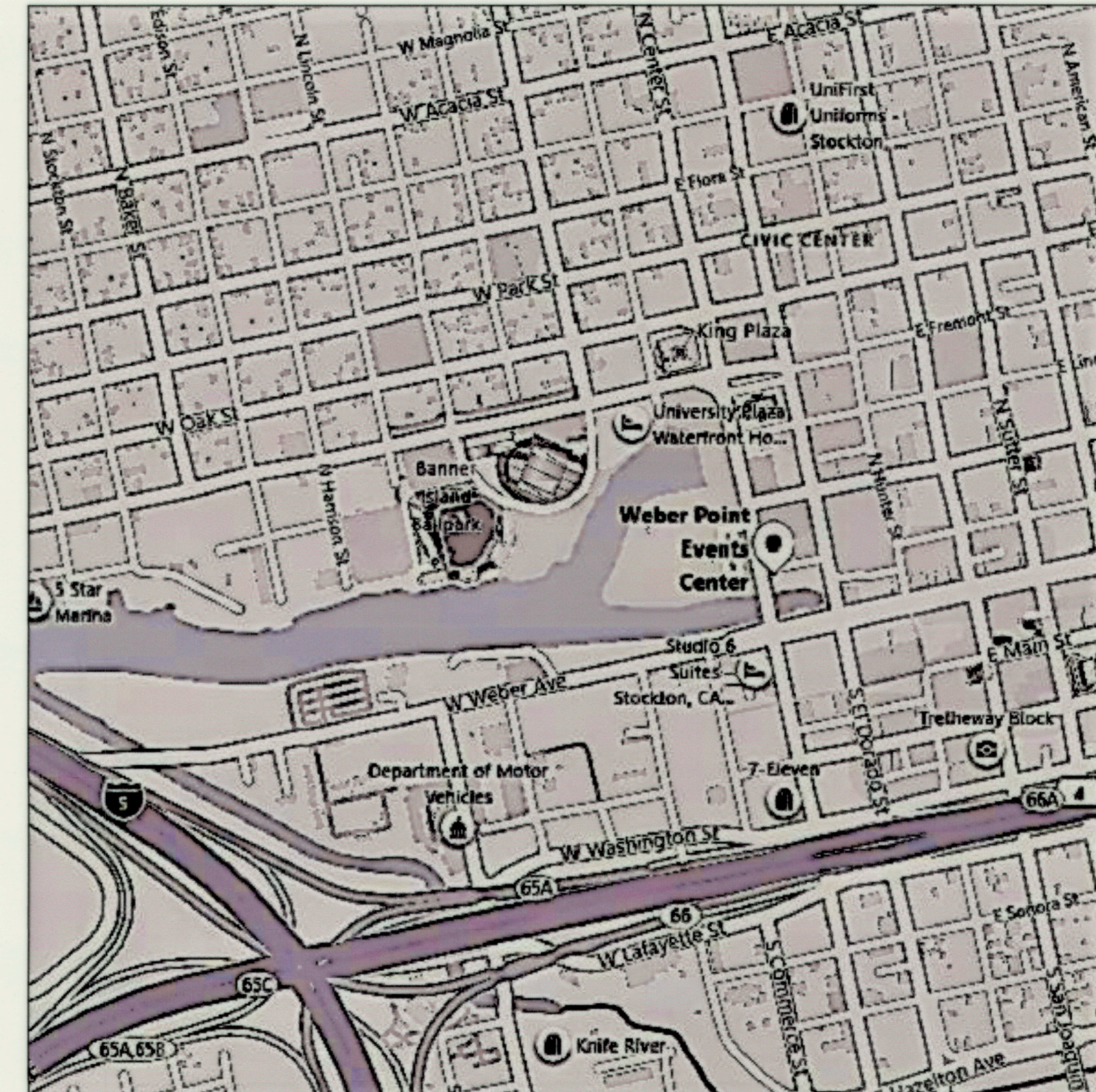
- (E) EXISTING
- (N) NEW
- Φ DIAMETER

ABBREVIATIONS

- ALUM. ALUMINUM
- CL CENTERLINE
- DBL. DOUBLE
- EA. EACH
- FT. FEET
- GR. GRADE
- IN. INCHES
- LB. POUNDS
- M.B. MACHINE BOLT
- MAX. MAXIMUM
- MIN. MINIMUM
- OC ON CENTER
- PL PLATE
- PVC POLYVINYL CHLORIDE
- REF. REFERENCE
- SS STAINLESS STEEL
- SYM. SYMMETRICAL
- T TONS
- TYP. TYPICAL
- W/ WITH
- WL WORKLINE



N
VICINITY MAP
NOT TO SCALE



N
SITE MAP
NOT TO SCALE

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DESIGN COMMENTARY

- MEMBERS OF THE STRUCTURE: MASTS, FOUNDATIONS, AND CABLES WILL BE RETAINED (WITH THE EXCEPTION OF THE 5/8" CAT-EYE CABLES WHICH WILL BE REPLACED IN KIND). THE ORIGINAL SERGE FERRARI 1002 FABRIC WILL BE REPLACED WITH A NEWER MATERIAL (SERGE FERRARI FLEXLIGHT XTREM TX30) THAT HAS SLIGHTLY GREATER STRENGTH AND A LONGER EXPECTED LIFESPAN.
- THE WORK IS LIMITED TO REPLACEMENT IN KIND OF A SECONDARY ELEMENT OF THE STRUCTURE (THE FABRIC ROOF MEMBRANE AND ASSOCIATED HARDWARE), AND THE WORK IS THEREFORE TO BE PERMITTED AS VALIDATED BY THE ORIGINAL DESIGN DRAWINGS AND CALCULATIONS FOR THE 1999 INSTALLATION, WHICH WAS COMPLETED UNDER PERMIT BP97-02943.
- THE CITY IS CURRENTLY PERFORMING AN ADA SELF-EVALUATION AND DEVELOPING A TRANSITION PLAN PURSUANT TO TITLE II OF THE AMERICANS WITH DISABILITIES ACT. THE WEBER POINT EVENTS CENTER WILL BE EVALUATED FOR COMPLIANCE THROUGH THIS PROCESS AND ANY REQUIRED FACILITY UPGRADES WILL BE IDENTIFIED IN THE TRANSITION PLAN, INCLUDING ANY PATH OF TRAVEL UPGRADES IN ACCORDANCE WITH THE CALIFORNIA BUILDING CODE CHAPTER 11B. FUTURE ACCESSIBILITY UPGRADES WILL BE UNDER SEPARATE PERMIT(S).

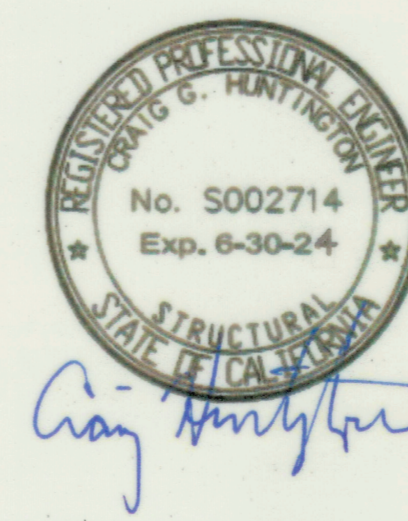
PROJECT CONTACTS

OWNER

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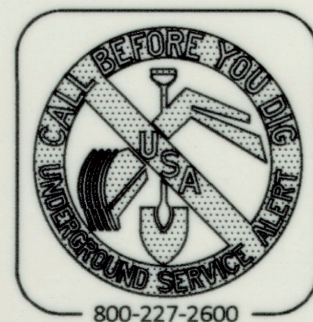
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REHABILITATION - PHASE 2

PLAN & SIDE ELEVATION

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Apprv. By

SCALE	AS NOTED	APPROVED BY:	11/1/22	SHEET NO.
DESIGNED BY	CGH	DATE		S1
DRAWN BY	VTP	<i>[Signature]</i>		OF 5 SHEETS
CHECKED BY		CITY ENGINEER		WP22033
RECORD DWGS.		STOCKTON, CALIFORNIA		PROJECT NO.



GENERAL NOTES (CITY OF STOCKTON)

- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FOLLOWING: CURENT CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS, INCLUSIVE OF ALL CURENT REVISIONS AND AMENDMENTS, CALIFORNIA DEPARTMENT OF TRANSPORTATION CURRENT STANDARD PLANS AND SPECIFICATIONS (CALTRANS), INCLUSIVE OF ALL CURRENT REVISIONS AND AMENDMENTS, AND CA-MUTCD LATEST EDITION, INCLUSIVE OF ALL CURRENT REVISIONS AND AMENDMENTS THERETO. WHERE THERE IS A CONFLICT BETWEEN THE PLANS AND THE CITY'S STANDARD SPECIFICATIONS AND PLANS, THE CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS SHALL PREVAIL. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING THE IMPROVEMENTS IN ACCORDANCE WITH THE ABOVE-MENTIONED STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE COMPLETE WORK SCOPE AND ALL RELATED CONDITIONS PRIOR TO BID. ANY QUESTIONS OR DISCREPANCIES WITH THE INFORMATION SHOWN HEREIN MUST BE DIRECTED TO THE ENGINEER PRIOR TO BID.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTIONS AND COMPLETION OF THE PROJECT AND SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS AND CONDITIONS OF ALL PERMITS AND APPROVALS APPLICABLE TO THIS PROJECT. THE CONTRACTOR SHALL ENSURE THAT THE NECESSARY PERMITS AND/OR LICENSES ARE SECURED PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF STOCKTON FOR ANY WORK DONE WITHIN CITY RIGHTS-OF-WAY OR ON CITY-OWNED FACILITIES WITHIN AN EASEMENT. CONTRACTOR SHALL CALL THE PERMIT CENTER AT (209) 937-8366 TO REQUEST A CONTROL NUMBER AND ACTIVATE THE PERMIT NO LESS THAN 24 HOURS, BUT NOT IN EXCESS OF 72 HOURS PRIOR TO START OF WORK.
- ALL STATIONS REFER TO DISTANCES ALONG STREET CENTERLINE, UNLESS OTHERWISE NOTED. ALL STATIONS OFF CENTERLINE ARE PERPENDICULAR TO OR RADIALLY OPPOSITE CENTERLINE STATIONS.
- THE CONTRACTOR SHALL RECEIVE PRIOR APPROVAL FROM THE ENGINEER FOR ANY EXTRA WORK. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ENGINEER AT NO ADDITIONAL COST TO THE CITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FROM DAMAGE ALL EXISTING AND NEWLY PLACED IMPROVEMENTS THAT ARE TO REMAIN. SUCH IMPROVEMENTS THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT NO ADDITIONAL COST TO THE CITY.
- THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY AND SECURITY OF JOB SITE, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT DRAWINGS SHOWING THE FINAL LOCATION OF FINAL IMPROVEMENTS. AS-BUILT DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.
- PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER, ONE SET OF NEATLY MARKED AS-BUILT DRAWINGS. AS-BUILT DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE.
- ALL TRENCH EXCAVATION SHALL BE IN ACCORDANCE WITH SECTION 7 OF THE CITY OF STOCKTON STANDARD SPECIFICATIONS.
- IT SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF HIS CONTRACT. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW OR MODIFIED STRUCTURES, UTILITIES AND SERVICES WITHIN THE PROJECT LIMITS.
- THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, CONTROL POINTS, REFERENCE POINTS AND ALL SURVEY MONUMENTS, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERROR CAUSED BY HIS UNNECESSARY LOSS OR DISTURBANCE. THE CONTRACTOR SHALL CONSULT WITH A LICENSED LAND SURVEYOR OR CIVIL ENGINEER LICENSED TO PRACTICE LAND SURVEYING IN CALIFORNIA PRIOR TO BEGINNING CONSTRUCTION TO ENSURE THAT ANY PRECONSTRUCTION CORNER RECORDS, AS REQUIRED BY THE STATE OF CALIFORNIA PROFESSIONAL LAND SURVEYOR ACT HAVE BEEN FILED WITH THE COUNTY SURVEYOR, PURSUANT TO SECTION 8771(a-f) OF THE CALIFORNIA BUSINESS AND PROFESSION CODE.
- ALL WORK IN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE ENGINEER.
- THE CONTRACTOR SHALL LAYOUT IMPROVEMENTS FROM THE DIMENSIONS SHOWN ON THE PLANS. ANY CLARIFICATION OR CONFLICTS, DISCREPANCIES OR AMBIGUITIES SHALL BE DIRECTED TO THE ENGINEER PRIOR TO THE CONSTRUCTION OF THE IMPROVEMENTS.
- DUST CONTROL SHALL BE PERFORMED AT ALL TIMES, AT THE CONTRACTORS' EXPENSE, TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH SECTION 10-5 OF CALTRANS STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF THE CITY OF STOCKTON.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING WATER, SEWER, AND DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL NEW IMPROVEMENTS ARE IN PLACE AND FUNCTIONING, EXCEPT WHERE OTHERWISE APPROVED.

- INGRESS AND EGRESS BY PROPERTY OWNERS, BUSINESSES, AND OTHERS SHALL BE PROVIDED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION UNLESS OTHERWISE APPROVED OR SPECIFIED.

STRIPING AND SIGNAGE NOTES:

- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, BARRICADES, SIGNS, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL AND/OR DETOUR PLAN FOR APPROVAL BY THE CITY OF STOCKTON TRAFFIC ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- ALL PAVEMENT MARKINGS, STRIPING AND CROSSWALKS SHALL BE THERMOPLASTIC.
- STRIPING SHALL BE IN STRICT CONFORMANCE WITH THE CA-MUTCD (LATEST EDITION) AND THE SPECIAL PROVISIONS SECTION 84. LONGITUDINAL STRIPING EXCLUDED, PAVEMENT MARKINGS SHALL CONFORM TO THE CALTRANS SPECIFICATIONS (LATEST EDITION) SECTION 84 AND THE CA-MUTCD (LATEST EDITION).
- SIGNING SHALL CONFORM TO THE CA-MUTCD (LATEST EDITION) AND CALTRANS SPECIFICATIONS (LATEST EDITION) SECTION 82.
- CONTRACTOR SHALL INSTALL A BLUE REFLECTOR ON FIRE HYDRANT SIDE AT ALL FIRE HYDRANT LOCATIONS PER CA-MUTCD, SECTION 3B.11 AND FIGURE 3B-102.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF TWO (2) WORKING DAYS IN ADVANCE TO VERIFY THE LAYOUT AND CAT-TRACKING OF THE PROPOSED IMPROVEMENTS. CAT-TRACKING TO BE APPROVED BY TRAFFIC ENGINEERING PRIOR TO FINAL ACCEPTANCE OF STRIPING AND PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL ENSURE THAT THE APPROPRIATE STRIPING AND PAVEMENT MARKINGS ARE IN PLACE AT ALL TIMES. TEMPORARY STRIPING AND/OR PAVEMENT MARKINGS SHALL BE INSTALLED TO REPLACE ANY EXISTING STRIPING OR MARKINGS WHICH HAVE BEEN REMOVED. ANY CONFLICTING STRIPING SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR PRIOR TO REOPENING THE STREET TO TRAFFIC.
- THE CONTRACTOR SHALL REMOVE ANY EXISTING SIGNS IN CONFLICT WITH THESE PLANS AS DIRECTED BY THE CITY TRAFFIC ENGINEER. EXISTING STRIPING AND MARKINGS IN CONFLICT WITH THESE PLANS SHALL BE REMOVED BY THE CONTRACTOR. PAVEMENT SHALL BE REPAIRED IF DAMAGED IN CONJUNCTION WITH REMOVAL OF MARKERS.
- THE CONTRACTOR SHALL REPLACE ANY PAVEMENT DELINEATION AND TRAFFIC MARKINGS THAT ARE DAMAGED DURING THE COURSE OF WORK AT NO ADDITIONAL COST TO THE CITY.

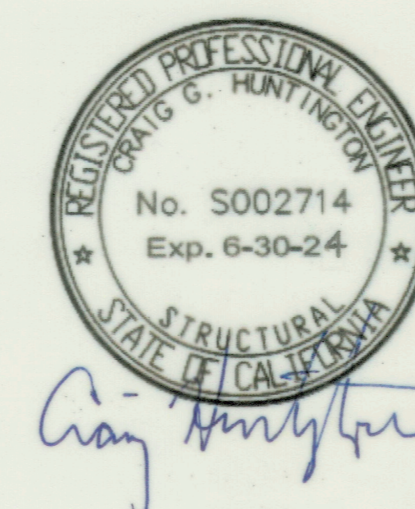
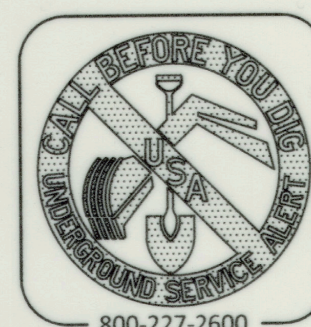
TRAFFIC SIGNAL AND ELECTRICAL NOTES:

- LABEL PEDESTRIAN AND SIGNAL COMMONS SEPARATELY IN THE CONTROLLER CABINET.
- ALL INFRARED EMERGENCY VEHICLE PREEMPTION (EVP)/TRANSIT SIGNAL PRIORITY (TSP) DETECTORS SHALL BE MOUNTED VERTICALLY.
- EXISTING TRAFFIC SIGNAL SYSTEMS SHALL BE KEPT IN OPERATION DURING THE PROGRESS OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE ENTIRE EXISTING SIGNAL SYSTEM FROM THE FIRST DAY CONTRACTOR STARTS WORKING ON THE PROJECT TO THE FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST THREE (3) WORKING DAYS IN ADVANCE OF ANY REQUESTED SIGNAL SHUT-DOWN FOR REPLACEMENT OF THE CONTROLLER CABINET ASSEMBLY, RE-WIRING OF THE TRAFFIC SIGNAL, ETC. ALL REQUESTED SIGNAL SHUT-DOWNS ARE SUBJECT TO CITY APPROVAL. CONTRACTOR SHALL HAVE A PRE-APPROVED TRAFFIC CONTROL PLAN FROM THE CITY TRAFFIC ENGINEERING DIVISION BEFORE SCHEDULING SIGNAL SHUT-DOWN. TRAFFIC SIGNAL SHUT-DOWNS SHALL BE LIMITED TO PERIODS BETWEEN THE HOURS OF 9:00 AM AND 3:30 PM ON TUESDAYS THROUGH THURSDAYS ONLY (EXCLUDING HOLIDAYS), UNLESS GIVEN PRIOR APPROVAL FROM THE CITY TRAFFIC ENGINEER.
- FLASHING INDICATIONS SHALL FLASH IN RED ON ALL PHASES.

TRAFFIC STAGING NOTES:

- THE CONTRACTOR SHALL MAINTAIN ALL TRAFFIC CONTROL DEVICES AT ALL TIMES.
- ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED FROM VIEW WHEN NOT IN USE.
- THE ENGINEER HAS THE AUTHORITY TO INITIATE FIELD CHANGES AS NECESSARY IN THE INTEREST OF PUBLIC SAFETY.
- ROAD CLOSURES SHALL REQUIRE WRITTEN APPROVAL FROM THE ENGINEER.
- ALL NIGHT WORK WILL REQUIRE WRITTEN APPROVAL FROM THE ENGINEER. LANE CLOSURES, ROAD DETOURS, ROAD CLOSURES, AND TRAFFIC SIGNAL MODIFICATIONS ASSOCIATED WITH OVERNIGHT CONSTRUCTION ACTIVITIES WILL REQUIRE WARNING SIGNS BE PLACED AT LEAST ONE WEEK IN ADVANCE OF STARTING CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY LIGHTING DURING THE COURSE OF ALL NIGHT WORK.
- ALL WORKERS SHALL BE EQUIPPED WITH AN ORANGE SAFETY VEST (OR REFLECTIVE VEST AT NIGHT).
- TRENCHES MUST BE BACKFILLED OR PLATED DURING NON-WORKING HOURS.
- REFER TO SECTION 12 OF THE SPECIAL PROVISIONS REGARDING TEMPORARY ACCESS ROUTES FOR PEDESTRIANS (INCLUDING ADA) AND BICYCLISTS.
- TEMPORARY "NO PARKING" SIGNS SHALL BE POSTED THREE (3) WORKING DAYS PRIOR TO COMMENCING WORK.

- ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHER ARRANGEMENTS ARE MADE. SIGNS ON ROADWAY SHALL NOT BLOCK DRIVEWAY.
- TRAFFIC CONTROL PLANS SHOWN HEREON ARE FOR GUIDANCE ONLY. CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. TO BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO COMMENCING WORK.



WEBER POINT EVENTS CENTER SHADE STRUCTURE
REHABILITATION - PHASE 2

GENERAL NOTES (CITY OF STOCKTON)

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

Revision No.	Description	Date	By	Apprvd. By

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DESIGNED BY	CGH	DATE		S2
DRAWN BY	VTP			OF SHEETS
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GENERAL NOTES (STRUCTURAL)

1. CHANGES TO THESE PLANS OR THEIR USE FOR PROJECT OR APPLICATION NOT ORIGINALLY INTENDED MUST BE APPROVED IN WRITING BY THE ENGINEER. THE ENGINEER WILL NOT BE RESPONSIBLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS.
2. EXISTING EVENTS CENTER CANOPY CONSTRUCTION IS BELIEVED TO BE IN GENERAL CONFORMANCE WITH THE WEBER POINT FABRIC CANOPY STEEL DESIGN PACKAGE DRAWINGS SS1 - SS6 DATED 3/26/99 AND THE FOUNDATION DESIGN PACKAGE DRAWINGS FS1 - FS4, DATED 1/11/99. THESE DRAWINGS ARE APPENDED TO THIS BID SET. ALL DRAWINGS WERE PREPARED BY HUNTINGTON DESIGN ASSOCIATES. CONTRACTOR SHALL VERIFY DIMENSIONS ON THESE DRAWINGS AS NECESSARY BEFORE COMMENCING WORK AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2019 CALIFORNIA BUILDING CODE, SPECIFICATIONS, CODES, AND STANDARDS NOTED IN THE CONTRACT DOCUMENTS SHALL BE OF THE EDITION ADOPTED IN THE 2019 CBC, UNLESS OTHERWISE NOTED.
4. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. SIMILAR CONDITIONS SHALL BE BUILT IN ACCORDANCE WITH THE INFORMATION SHOWN, SUBJECT TO THE ENGINEER'S APPROVAL. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ALL CONFLICTING OR MISSING INFORMATION PRIOR TO COMMENCING WORK.
5. THE CONTRACTOR SHALL PROVIDE AND BE RESPONSIBLE FOR DETERMINATION AND EXECUTION OF THE METHODS OF CONSTRUCTION AND FOR ALL SAFETY PRECAUTIONS TAKEN DURING CONSTRUCTION. SITE VISITS BY THE STRUCTURAL ENGINEER WILL NOT INCLUDE INSPECTION OF THE MEANS OF CONSTRUCTION.
6. IN STRUCTURAL DETAILS ON THESE DRAWINGS, ALL CONSTRUCTION IS NEW EXCEPT AS NOTED (E).
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINATION OF ITS METHODS AND PROCEDURES AND SHALL SUBMIT AN ERECTION AND TENSIONING PROCEDURE FOR REVIEW PRIOR TO COMMENCING WORK.

FABRIC MEMBRANE

1. FABRIC SHALL BE FLEXLIGHT XTREM TX30, AS MANUFACTURED BY FERRARI, OR APPROVED EQUAL. FABRIC SHALL CONFORM TO CBC, SEC 3105.
2. FABRIC COLOR TO BE WHITE.
3. FABRIC TO PROVIDE MINIMUM STRIP TENSILE STRENGTH OF 480 LB/IN IN WARP AND 450 LB/IN. IN FILL, WHEN TESTED IN ACCORDANCE WITH ASTM D4851.
4. SEAMS SHALL BE HEAT SEALED AS REQUIRED TO DEVELOP THE FULL STRENGTH OF THE FABRIC, WHEN TESTED IN ACCORDANCE WITH ASTM D4851.
5. FABRIC REINFORCEMENT, WHERE SHOWN ON THE DRAWINGS OR DEEMED NECESSARY BY THE CONTRACTOR, SHALL BE OF THE SAME MATERIAL AS THE PRIMARY FABRIC MEMBRANE.
6. ALUMINUM CLAMP BARS SHALL CONFORM TO ALLOY 6061-T6, AND SHALL BE FINISHED WITH A THERMOSETTING POWDER COATING SYSTEM CONSISTING OF A POLYESTER POWDER WITH A CURING AGENT/HARDENER TRIGLYCIDYL ISOCYANURATE, UNLESS NOTED OTHERWISE.
7. CLEVIS, SHACKLE, OR TURNBUCKLE PINS TO BE INSTALLED COTTER PIN DOWN, WHERE POSSIBLE.
8. CONTRACTOR SHALL FABRICATE THE MEMBRANE IN ACCORDANCE WITH CUTTING PATTERNS TO BE PROVIDED BY HUNTINGTON DESIGN ASSOCIATES, INC.. CONTRACTOR TO PROVIDE BIAXIAL LOAD TEST REPORT FOR THE SELECTED FABRIC AS REQUIRED TO ESTABLISH WARP AND FILL COMPENSATION.

CABLES

1. CABLES EC1 & EC2 ARE NEW WIRE ROPE CABLES. ALL REMAINING CABLES ARE TO BE EXISTING CABLES, EXCEPT IN THE EVENT THAT DAMAGE IS NOTED IN THE COURSE OF THE WORK THAT WOULD SIGNIFICANTLY IMPAIR THE STRENGTH OR DURABILITY OF A CABLE. CABLES EC1 & EC2 AND ANY OTHER REPLACEMENT CABLES ARE TO BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THESE NOTES.
2. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF ASCE 19, STRUCTURAL APPLICATIONS OF STEEL CABLES FOR BUILDINGS.
3. CABLES SHALL BE WIRE ROPE CONFORMING TO ASTM A603, CLASS A, EXTRA IMPROVED PLOW STEEL.
4. CABLES THAT ARE IN DIRECT CONTACT WITH FABRIC SHALL BE PVC SHEATED, IN WHITE.
5. SWAGED END FITTINGS SHALL BE AS MANUFACTURED BY CROSBY, OR APPROVED EQUAL. SWAGED FITTINGS SHALL DEVELOP 98% OF NOMINAL CABLE BREAKING STRENGTH WHEN INSTALLED ON THE CABLE.
6. CABLES SHALL BE PRESTRETCHED TO THE DESIGNATED LOAD PRIOR TO FABRICATION.
7. CABLE LENGTHS FOR FABRICATION ARE TO BE MEASURED UNDER THE DESIGNATED FABRICATION LOAD.
8. NEW 5/8" DIA. CAT-EYE CABLES SHALL CONFORM TO ASTM 603-98 (2014).

MISCELLANEOUS HARDWARE

1. TURNBUCKLES TO BE GRADE 304 OR 316 STAINLESS STEEL. PROVIDE JAMB NUTS.
2. CLAMP BAR BOLTS, NUTS, WASHERS, & LOCK WASHERS TO BE GR. 316 STAINLESS STEEL.

STRUCTURAL STEEL

1. FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, AISC 360-16.

2. STEEL SHALL CONFORM TO THE FOLLOWING GRADES:

PLATES: ASTM A572, GRADE 50
 PIPE: ASTM A53 TYPE E OR S, GRADE B
 HSS TUBE: ASTM A500 GRADE B
 RODS: ASTM F1554, GR. 55

3. ALL STEEL TO BE PAINTED IN THE FIELD IN ACCORDANCE WITH PROJECT SPECIFICATIONS.

4. ALL EXISTING PAINTED STEEL SHALL BE REPAINTED IN ACCORDANCE WITH PROJECT SPECIFICATIONS.

5. ALL EXISTING GALVANIZED STEEL SHALL BE RE-GALVANIZED IN ACCORDANCE WITH PROJECT SPECIFICATIONS.

PAINTING

1. ALL SURFACES TO BE PAINTED ARE TO BE POWER WASHED PRIOR TO PAINTING.

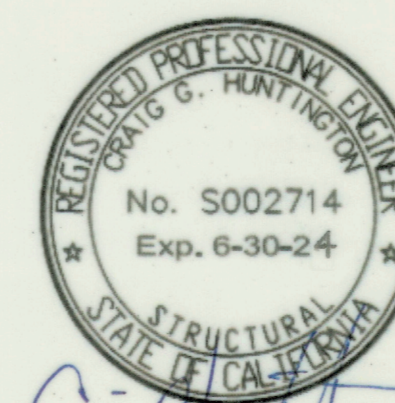
2. ALL AREAS OF RUST ON EXISTING STEEL TO BE GROUND WITH A WIRE WHEEL PRIOR TO PAINTING

3. PAINT TO BE APPLIED TO ALL STEEL SURFACES AS FOLLOWS:

U
 EPOXY PRIMER COAT
 EPOXY MID COAT
 POLYURETHANE TOP COAT

4. COLOR AS SELECTED BY OWNER.

5. LIGHTS, SPEAKERS, AND OTHER EQUIPMENT ATTACHED TO THE EXISTING MASTS ARE TO BE REMOVED INTACT PRIOR TO PAINTING. ALL ITEMS SHALL BE REINSTALLED FOLLOWING PAINTING, EXCEPT AS DIRECTED BY THE CITY.



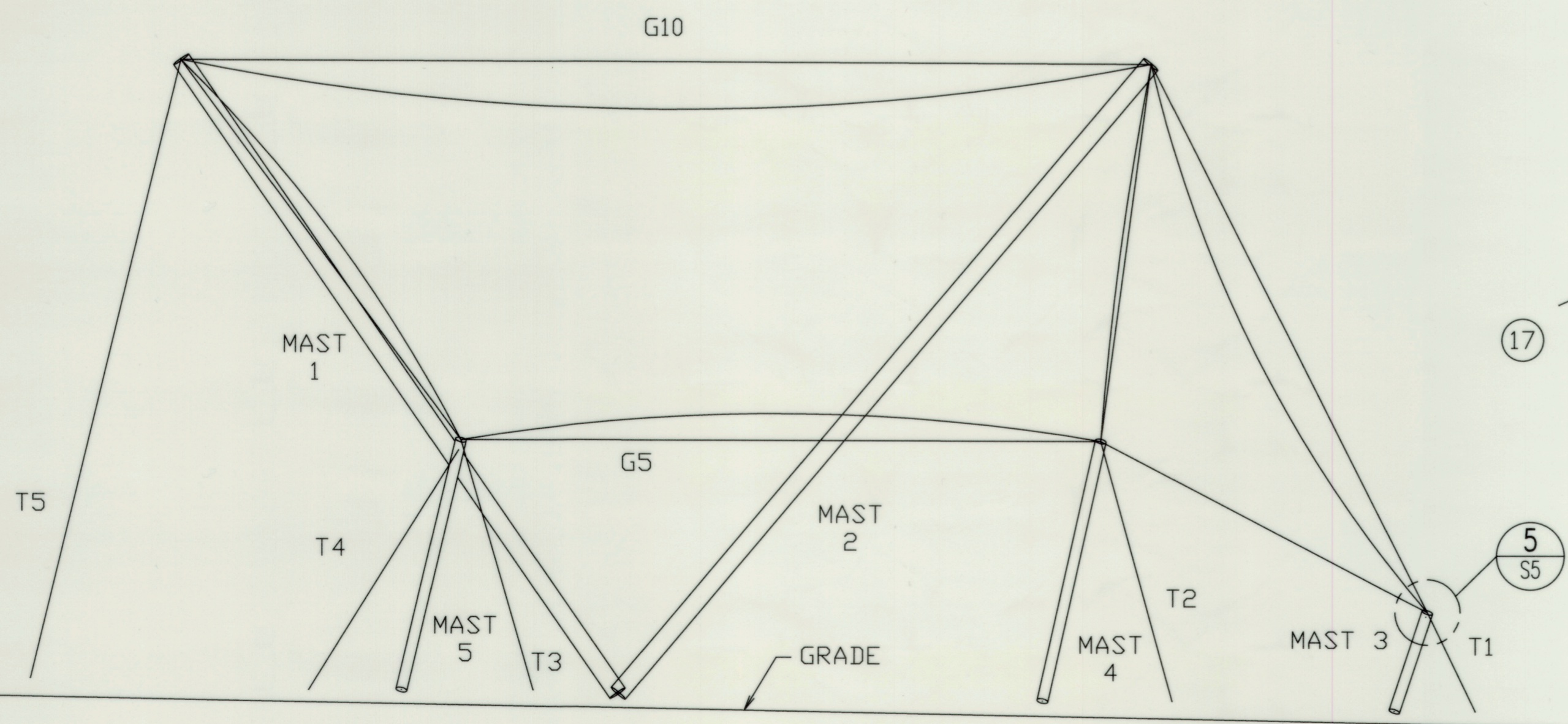
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GENERAL NOTES (STRUCTURAL)

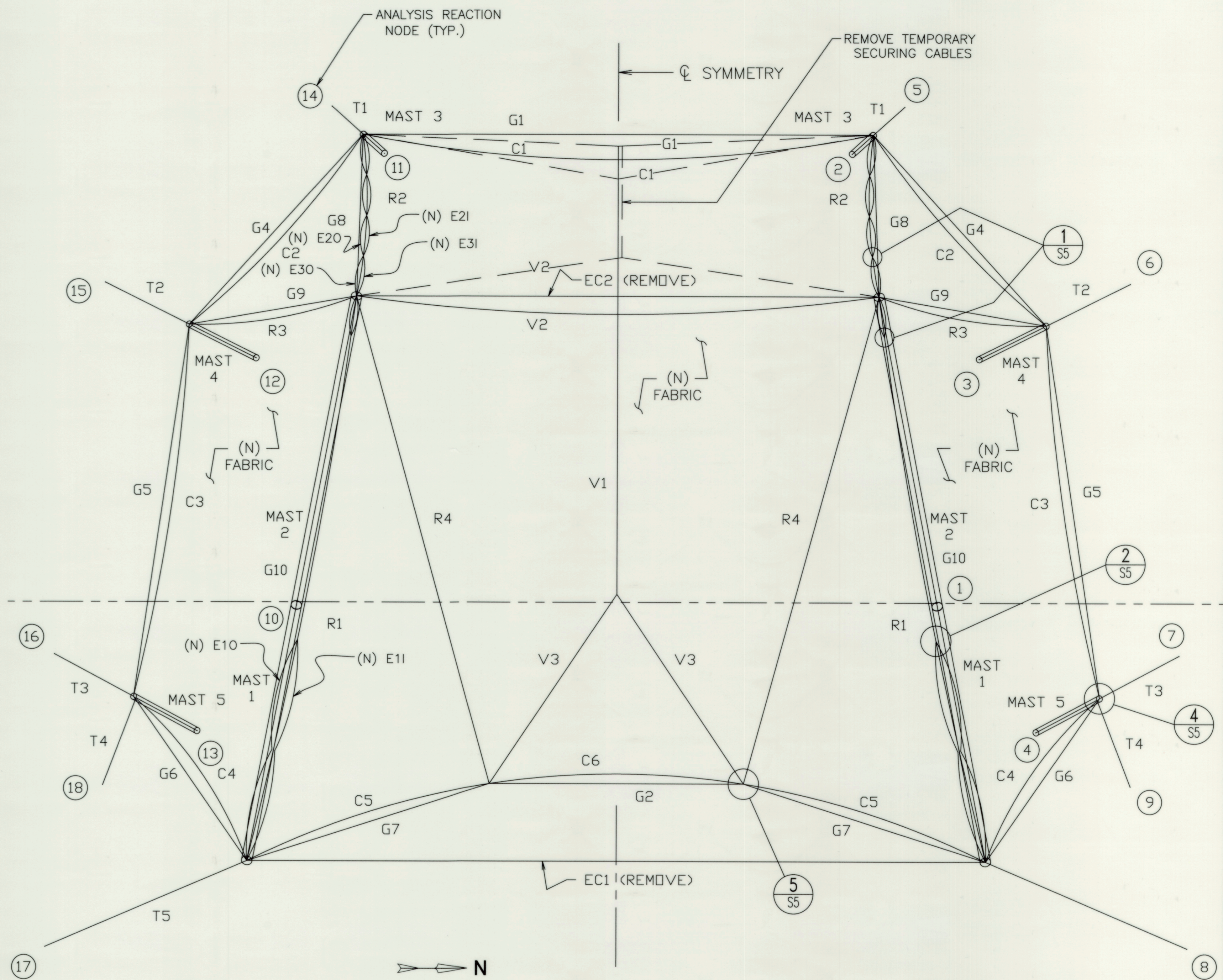
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SIDE VIEW
SCALE: 3/32" = 1'-0"

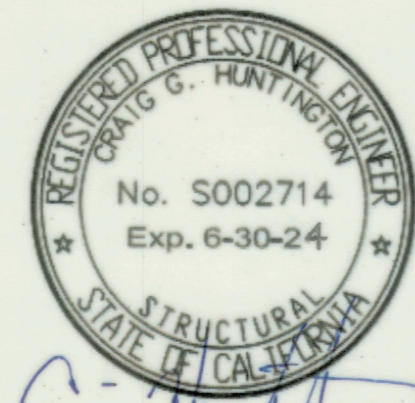


CANOPY PLAN VIEW
SCALE: 3/32" = 1'-0"

- LEGEND:**
- C - CATENARY CABLE
 - G - GUY CABLE
 - R - RIDGE CABLE
 - V - VALLEY CABLE
 - T - TIE BACK CABLE
 - E - CAT-EYE CABLE
 - EC - ERECTION CABLE
 - MAST - STEEL COLUMNS
 - (N) - NEW CABLE

NOTE:

- ALL CABLES ARE EXISTING WITH THE EXCEPTION OF CAT-EYE CABLES AND ANY CABLES FOUND TO BE DAMAGED.
- ALL MASTS ARE EXISTING.



Chas. G. Huntington

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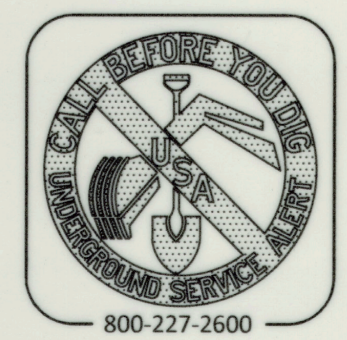
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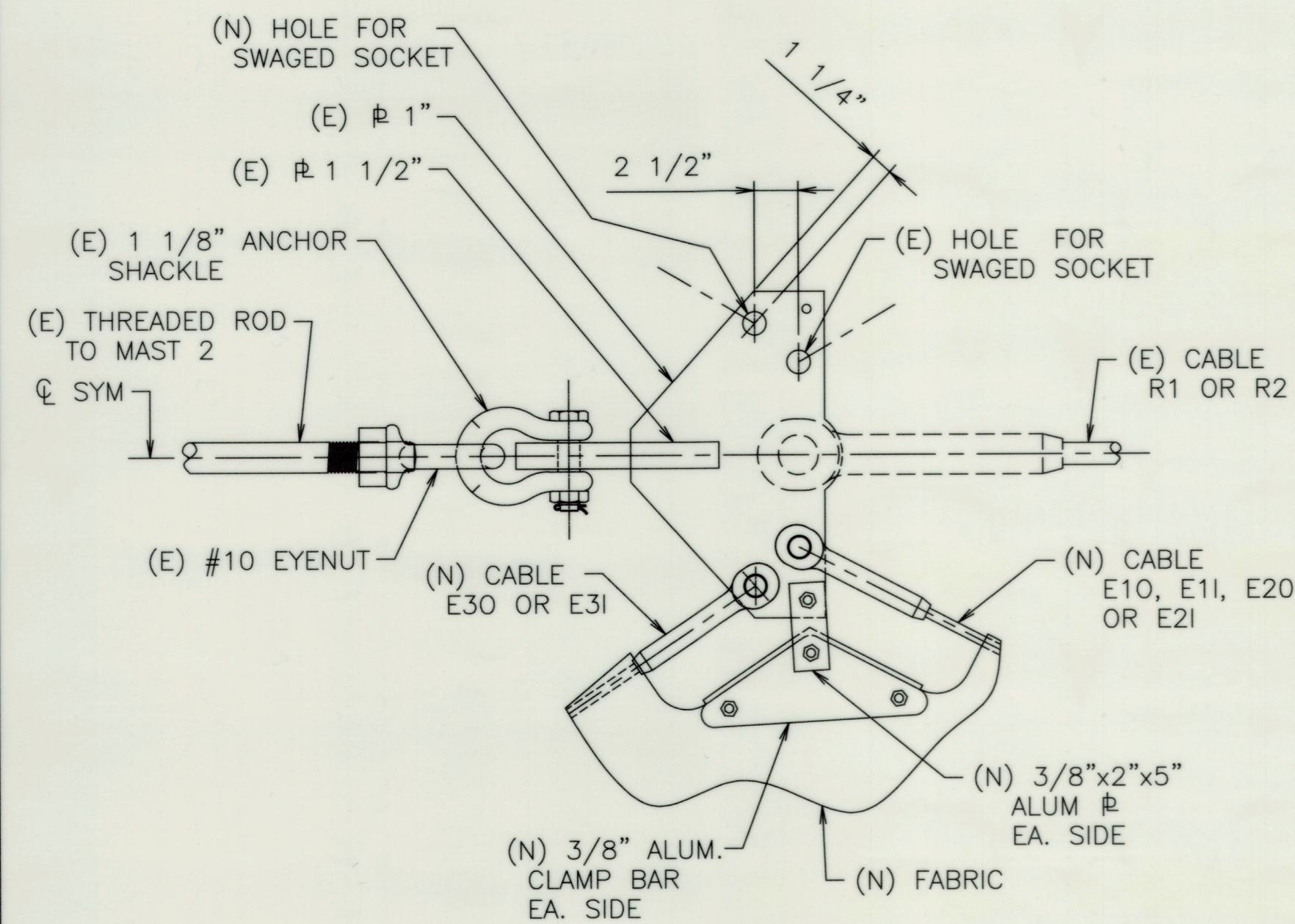
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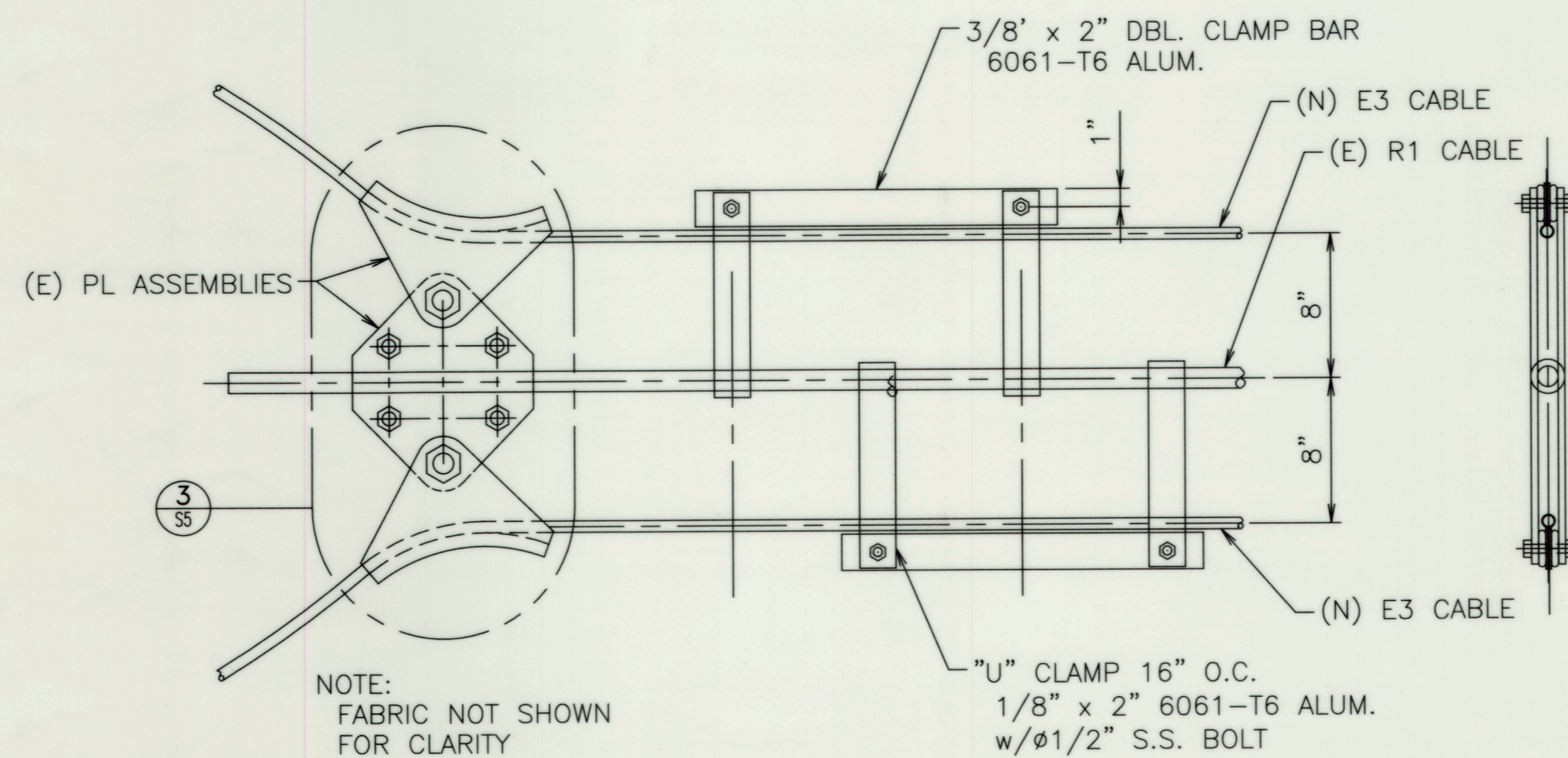
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PROJECT NO.

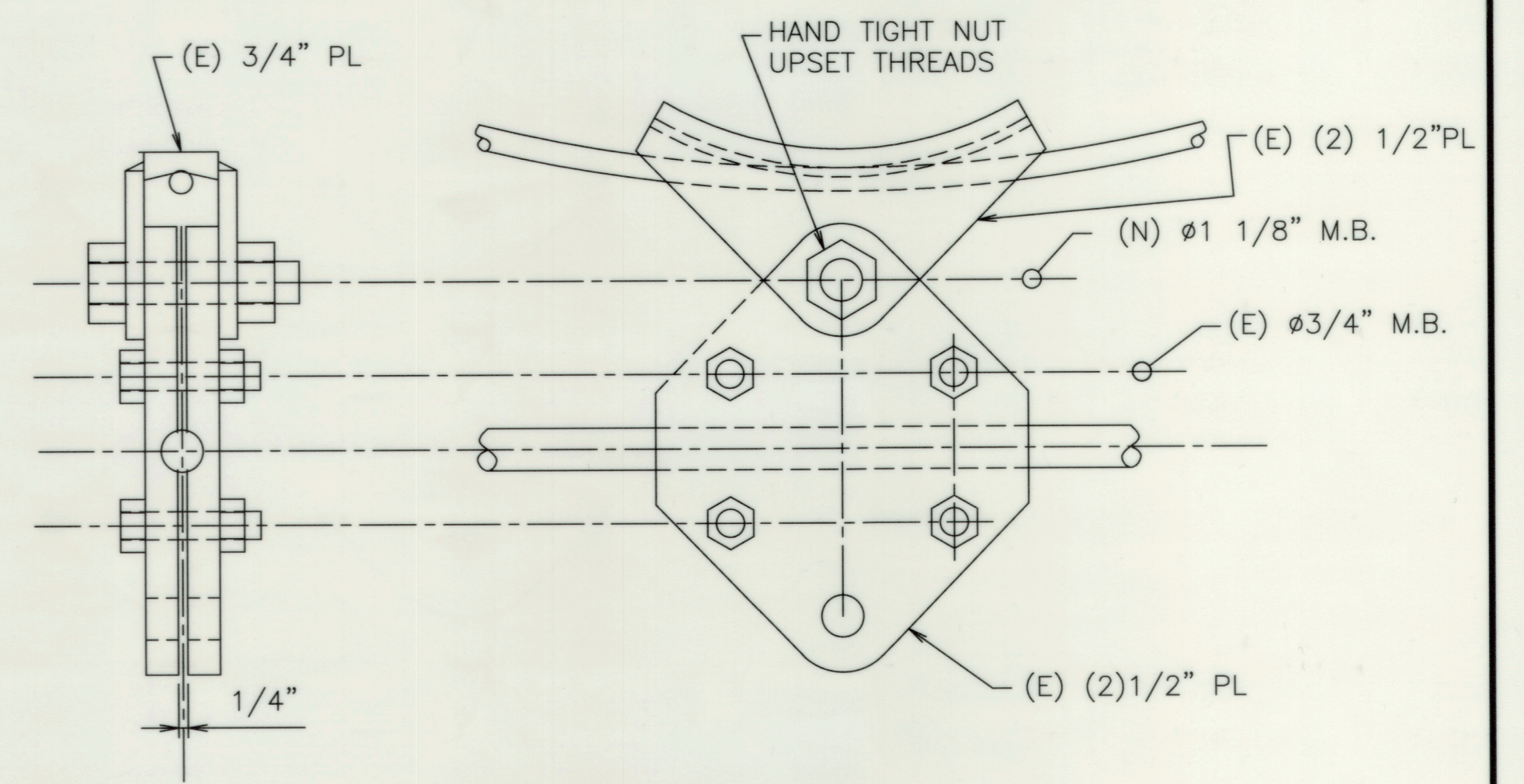




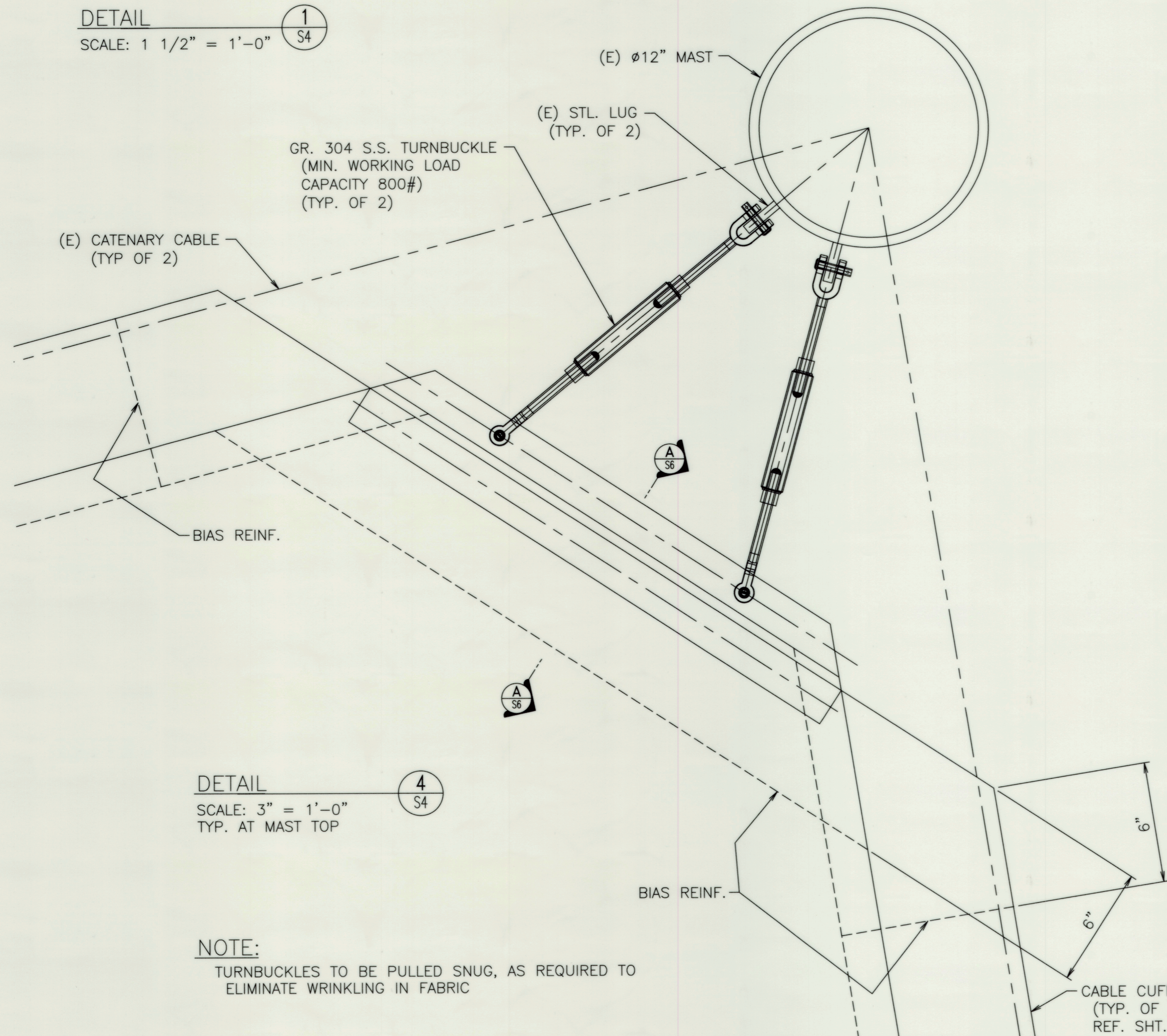
DETAIL 1
SCALE: 1 1/2" = 1'-0"



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

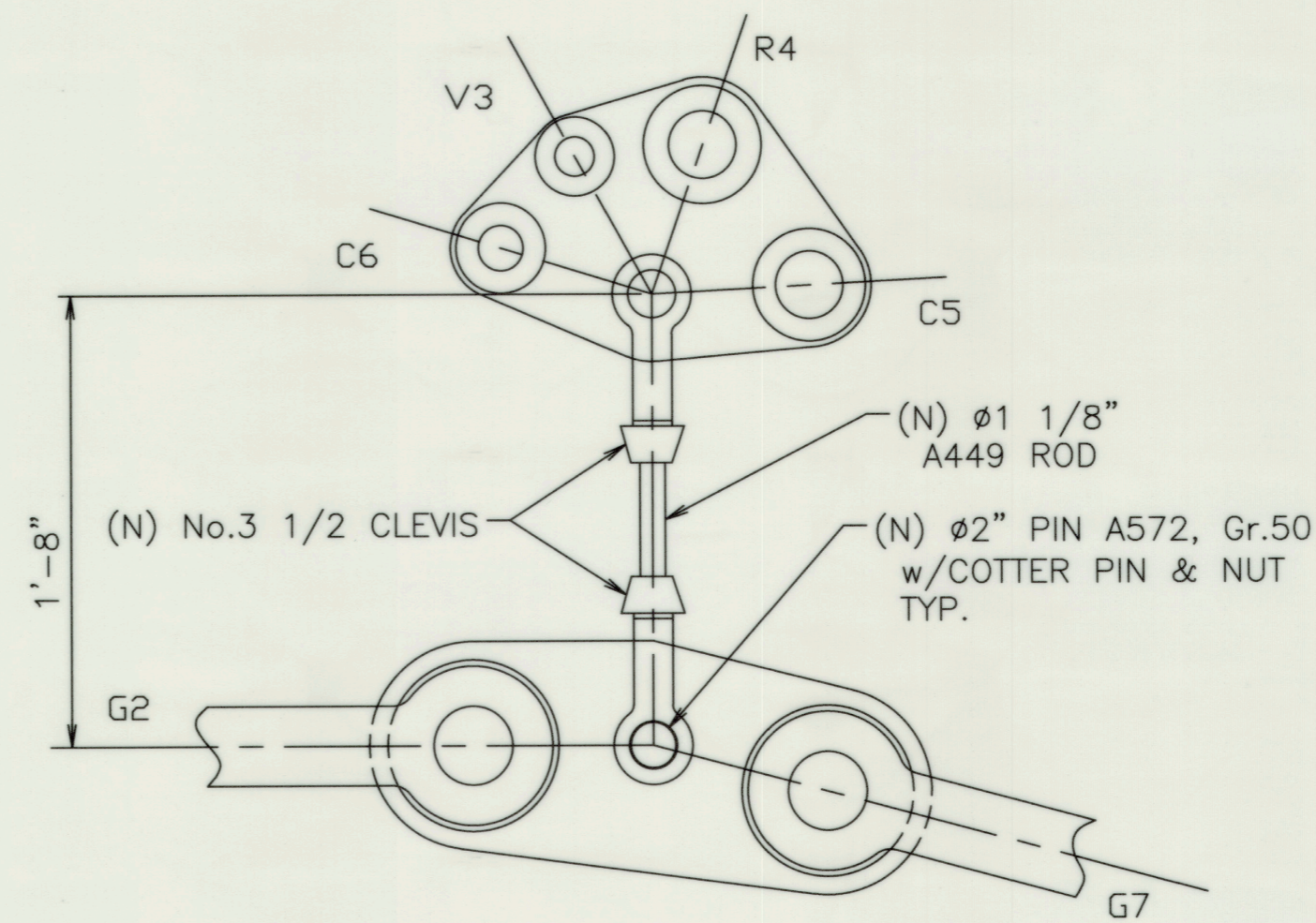


DETAIL 3
SCALE: 3" = 1'-0"



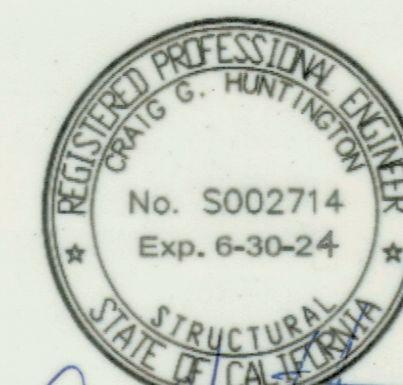
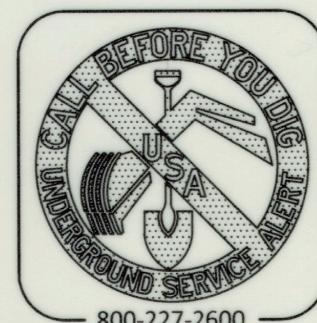
DETAIL 4
SCALE: 3" = 1'-0"
TYP. AT MAST TOP

NOTE:
TURNBUCKLES TO BE PULLED SNUG, AS REQUIRED TO ELIMINATE WRINKLING IN FABRIC



NOTE:
1. REMOVE TEMPORARY WEB BELTS & COMEALONGS FOLLOWING INSTALLATION OF (N) PIN.
2. ALL CONSTRUCTION EXISTING EXCEPT AS NOTED (N).

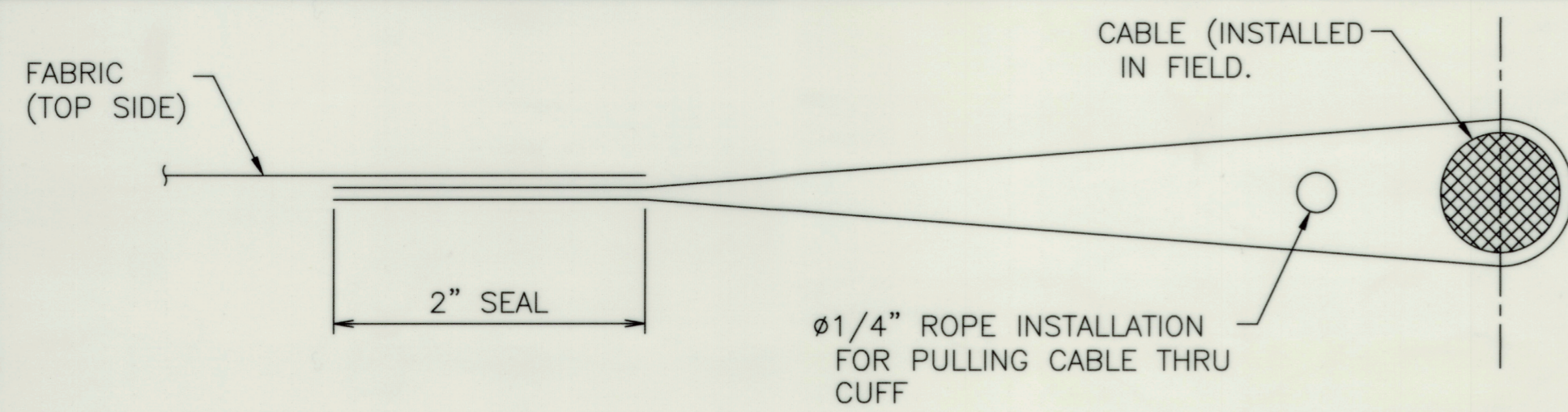
DETAIL 5
SCALE: 1 1/2" = 1'-0"



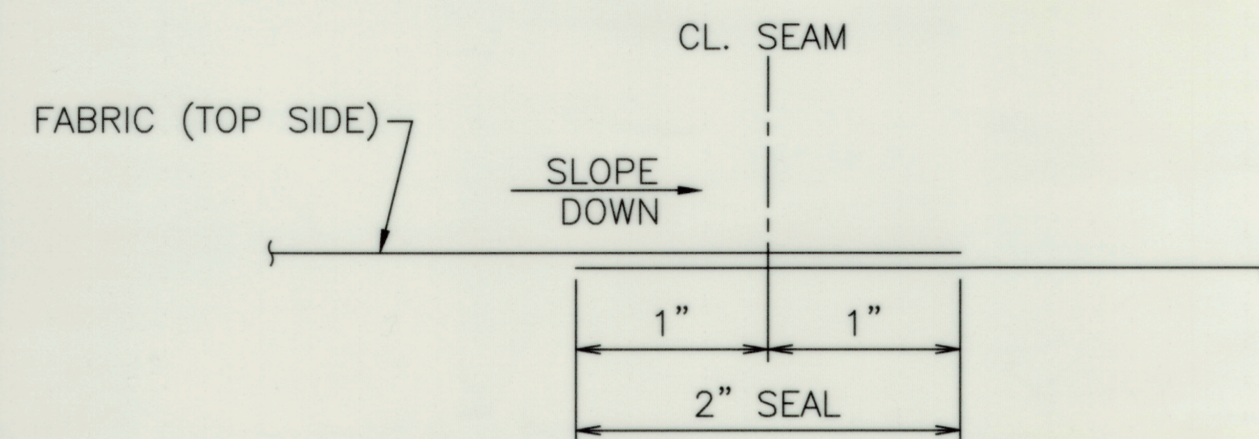
Revision No.	Description	Date	By	Apprv. By

WEBER POINT EVENTS CENTER SHADE STRUCTURE REHABILITATION - PHASE 2			
INSTALLATION DETAILS			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE AS NOTED	APPROVED BY: <i>[Signature]</i>	DATE: 11/1/22	SHEET NO. S5
DESIGNED BY: CCH	DRAWN BY: VTP		CHECKED BY: <i>[Signature]</i>
CITY ENGINEER	STOCKTON, CALIFORNIA		PROJECT NO. WP22033

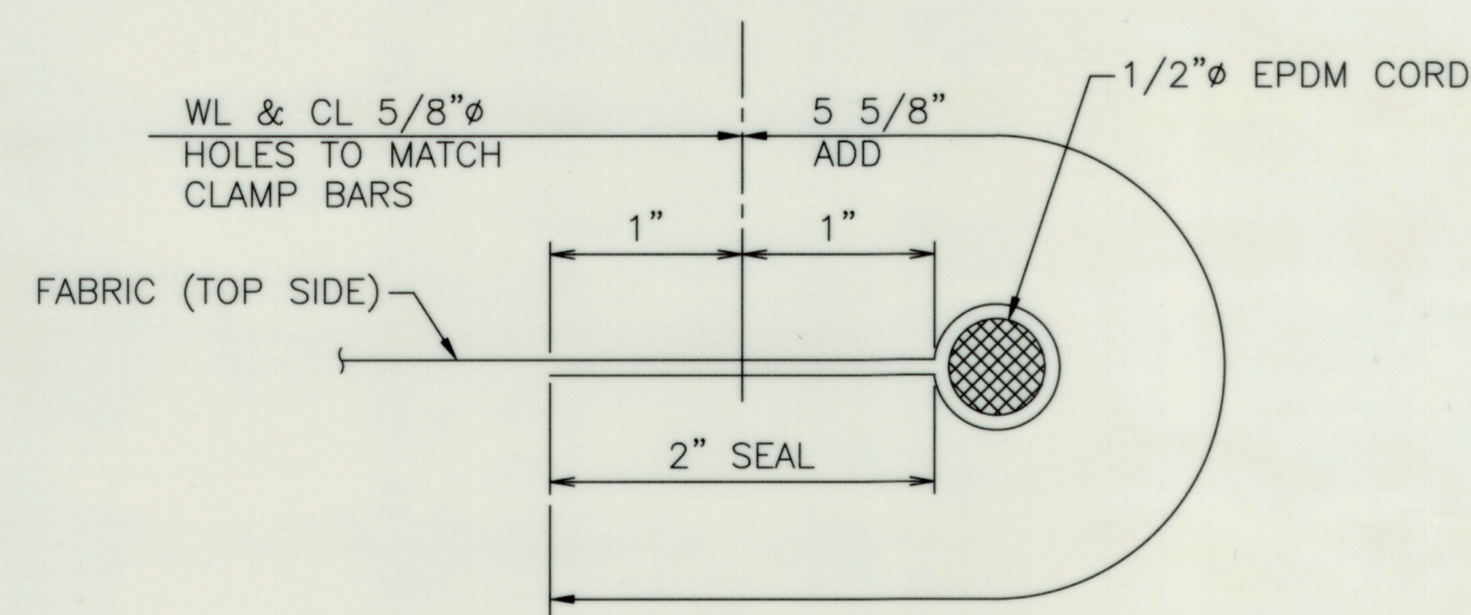
HUNTINGTON DESIGN ASSOCIATES, INC.
6768 Thornhill Drive
Oakland, CA 94611
910.339.0110
HUNTINGTONDESIGN.COM



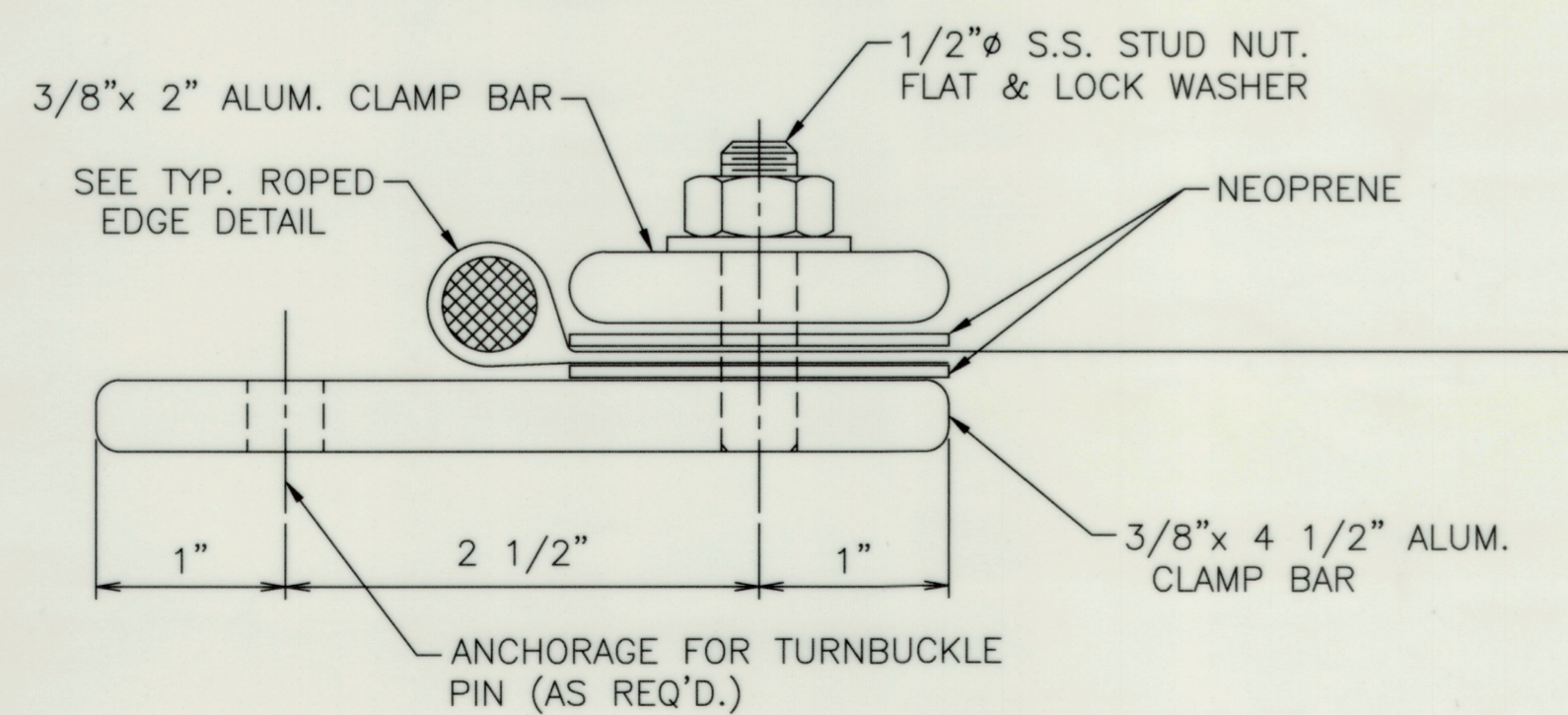
TYP. CABLE CUFF
SCALE: 1'-0" = 1'-0"



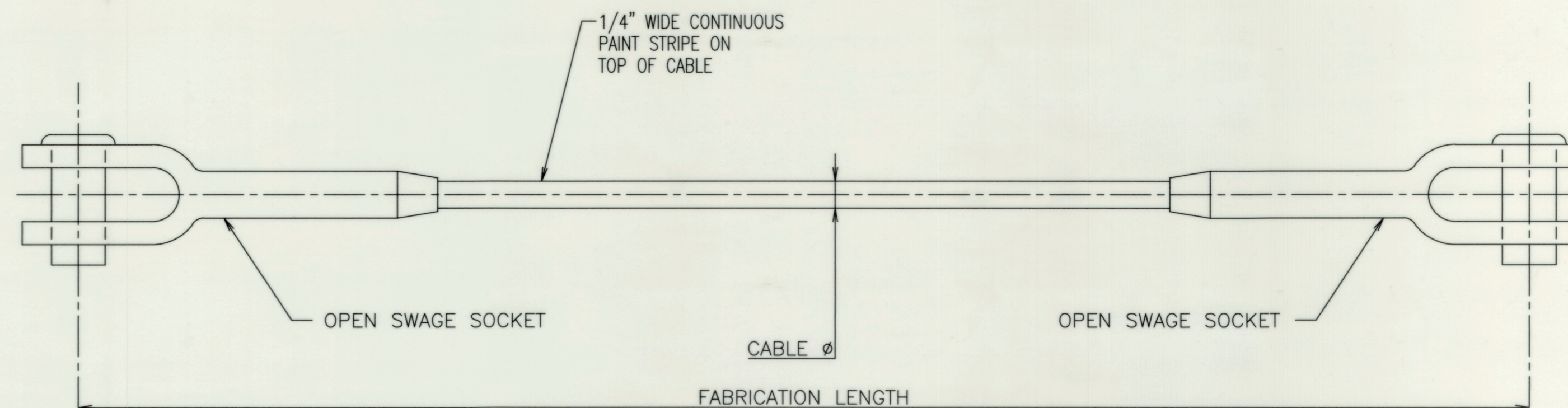
TYP. SEAM
SCALE: 1'-0" = 1'-0"



TYP. ROPED EDGE
SCALE: 1'-0" = 1'-0"



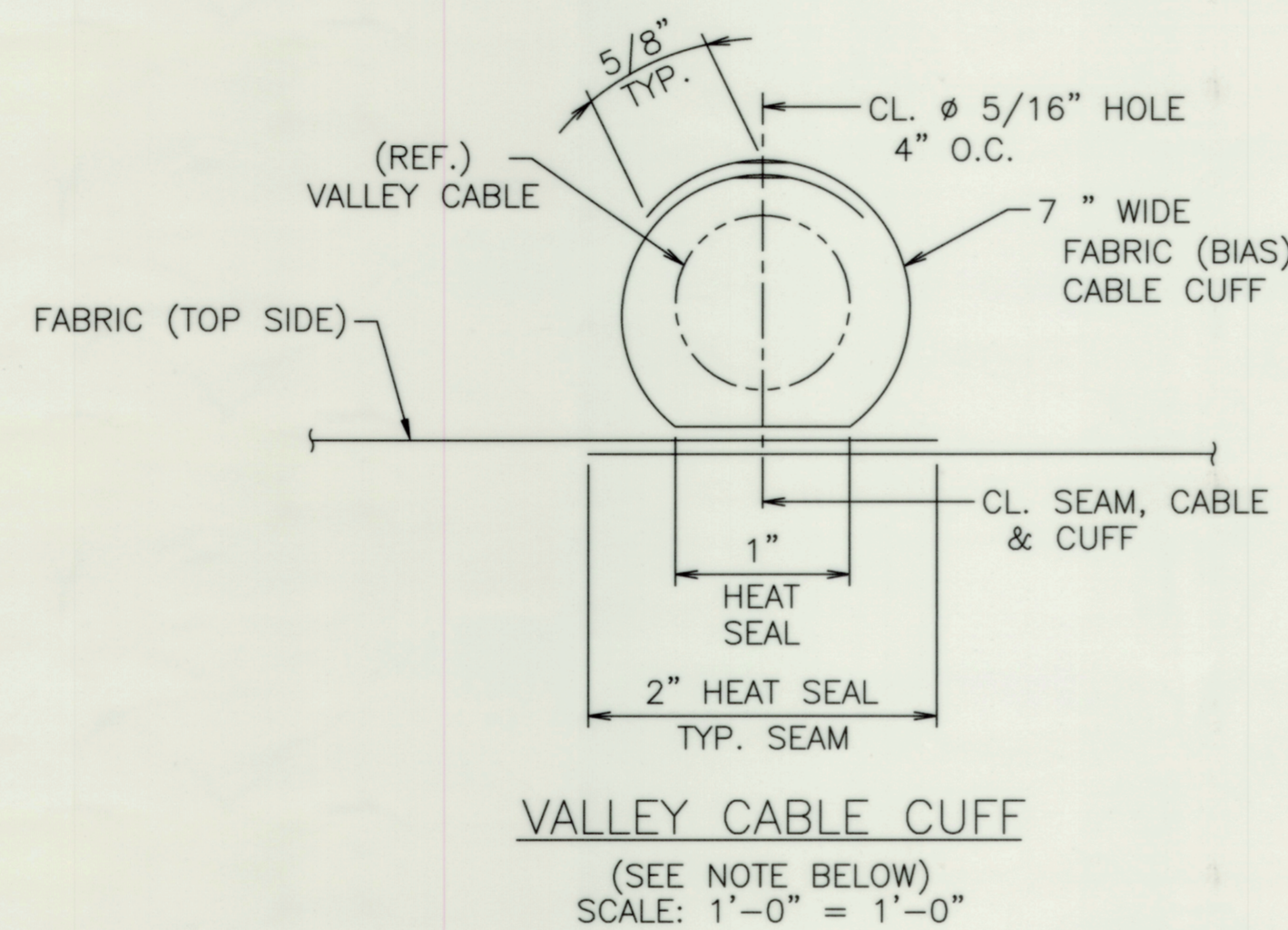
DETAIL
SCALE: 1'-0" = 1'-0"
MAST 5



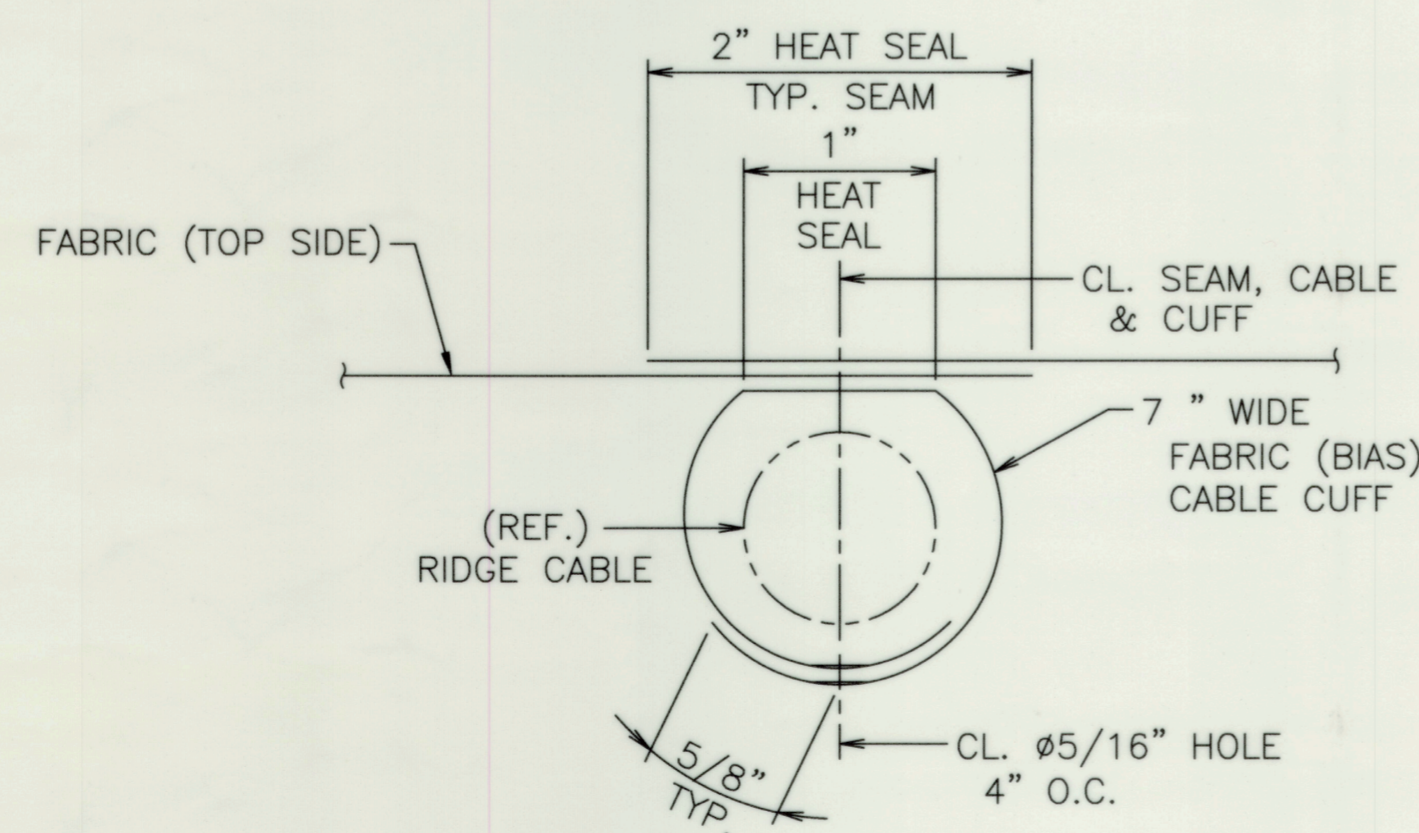
CABLE CHART (6X19 WIRE)						
MARK NO.	CABLE Ø (IN)	FABRICATION LOAD (KIPS)	FABRICATION LENGTH (FT.)	PRESTRESS LOAD (LBS.)	PRESTRECH LOAD (KIPS)	QUANTITY
EC1	0.625	32	-	-	21	2
EC1	0.625	32	-	-	2	2

NOTES:

- CABLES TO BE TENSIONED TO PRESTRECH LOAD, AND RELEASED PRIOR TO FABRICATION.
- FABRICATION LENGTHS ARE APPROXIMATE AND TO BE FINALIZED UPON COMPLETION OF FABRIC PATTERNS

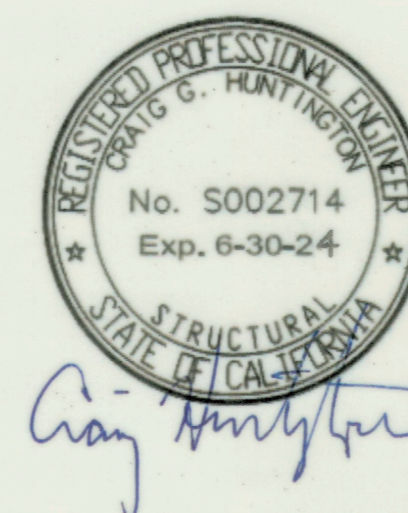


VALLEY CABLE CUFF
(SEE NOTE BELOW)
SCALE: 1'-0" = 1'-0"



RIDGE CABLE CUFF
(SEE NOTE BELOW)
SCALE: 1'-0" = 1'-0"

NOTE:
1. LACE CUFF WITH Ø1/8" BRAIDED POLYESTER ROPE. USE ROPE & BECKET OR SIMILAR SYSTEM. STOP CUFF 6.0' FROM CABLE TERMINATION.



Revision No.	Description	Date	By	Appr'd. By

WEBER POINT EVENTS CENTER SHADE STRUCTURE
REHABILITATION - PHASE 2

INSTALLATION DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE	AS NOTED	APPROVED BY	DATE	SHEET NO.
DESIGNED BY	CGH	[Signature]	11/1/22	S6
DRAWN BY	VTP		OF SHEETS	
CHECKED BY		CITY ENGINEER		WP22033
RECORD DWGS.		STOCKTON, CALIFORNIA		PROJECT NO.

