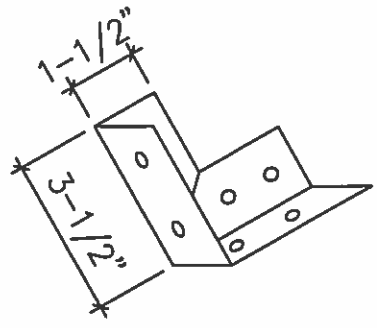


NOTES:

- A. ALL WOOD TO BE ROUGH SAWN REDWOOD. ALL POSTS SHALL BE PRESSURE TREATED.
- B. SLOPE RAILS WITH GRADE, DO NOT STEP.
- C. ATTACH BRACKETS WITH 10d COMMON, GALVANIZED NAILS.
- D. BRACKET SHALL BE 18 GAUGE GALVANIZED STEEL.

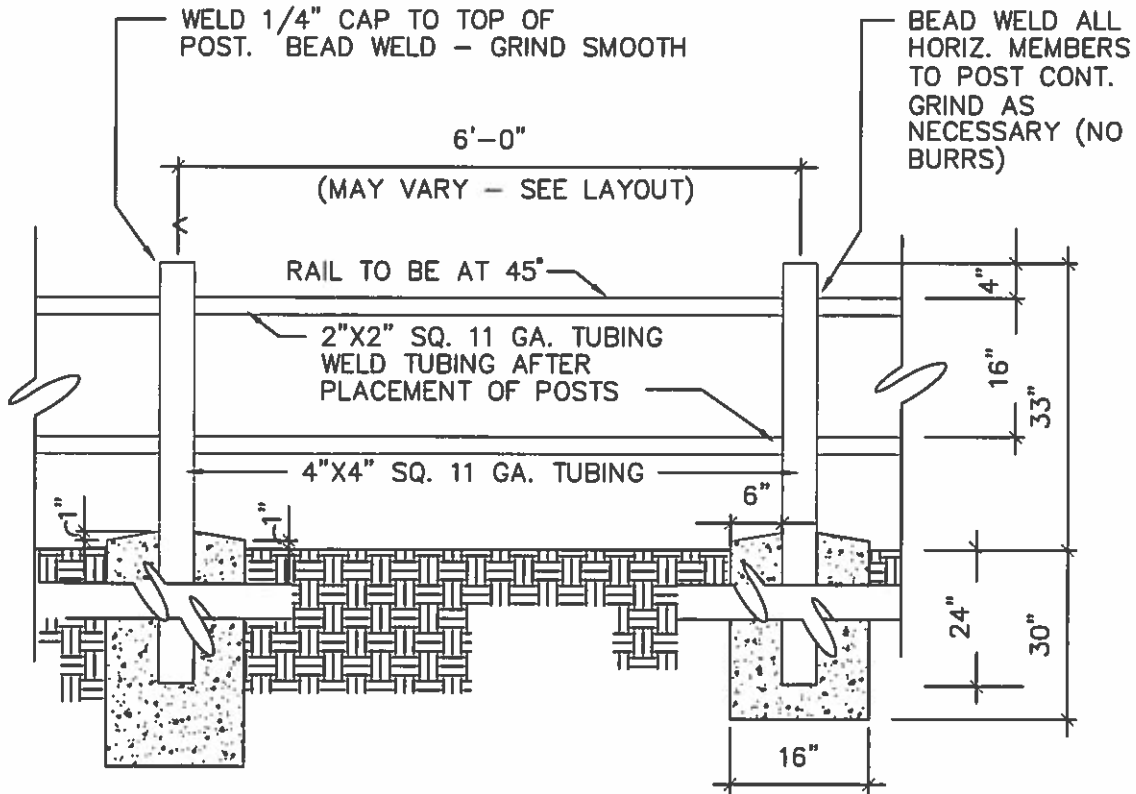


BRACKET ENLARGEMENT

WOOD RAIL FENCE DETAIL

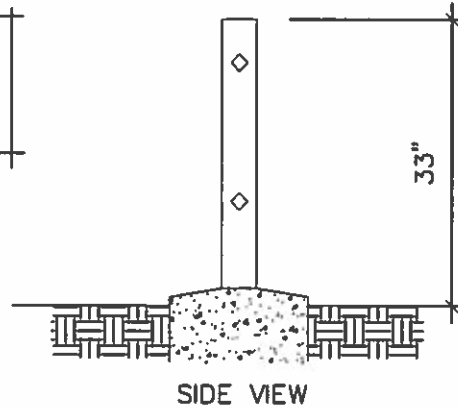


Drawn by: SP/ER	Date: March 2016	Scale: NTS
Checked by: Jeff Gault	Revisions	
Approved by: <i>Dean R. Boardman</i>	No Date App Description	Drawing S-3
CITY ENGINEER		
Date: 3/18/16		



FENCE TO BE PAINTED WITH RUST INHIBITING PAINT. ALL WELDING SHALL BE FIELD WELDED. ALL METAL BURRS & SHARP EDGES TO BE GROUND SMOOTH & CONTINUOUS. SEE DETAIL S-4A

* COLOR BROWN, SHERWIN WILLIAMS
SHER-CRYL HPA, ACRYLIC GLOSS OCC8629
UNLESS SPECIFIED OTHERWISE



METAL RAIL FENCE DETAIL



Drawn by: SP/ER
 Checked by: Jeff Gault
 Approved by: *Caran R. Bortolin*
 CITY ENGINEER
 Date: 3/14/16

Date: March 2016		Scale: NTS	
Revisions			
No.	Date	App.	Description

Drawing
S-4

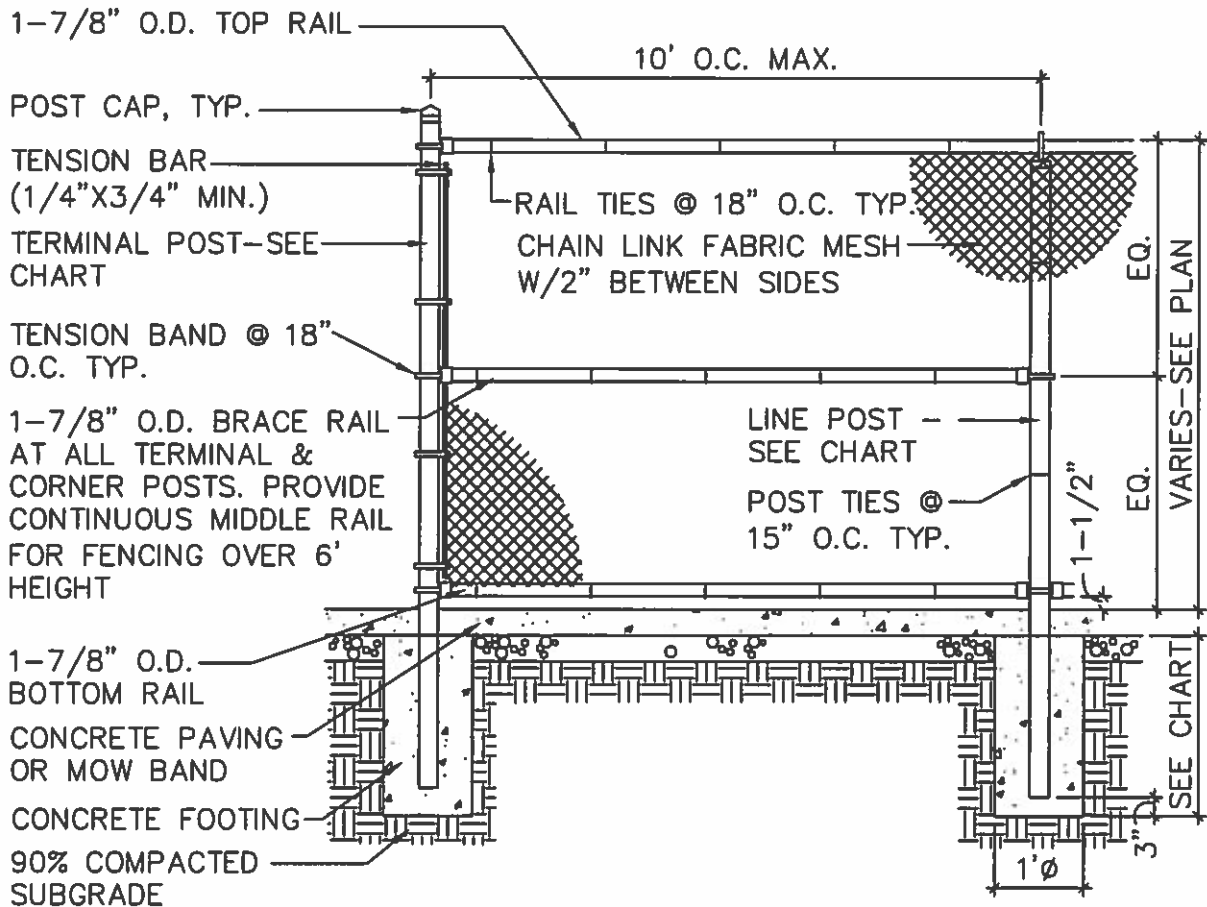
METAL PAINT NOTES:

1. WORK INCLUDES FACTORY PAINTING, FIELD PAINTING, AND FIELD TOUCH UP PAINTING. METAL TO BE PAINTED INCLUDES GAZEBO, METAL RAIL FENCE & METAL HANDRAIL.
2. SUBMITTALS: SUBMIT MANUFACTURER'S CATALOG INFORMATION FOR ALL PAINT PRODUCTS AND TWO 8"x10" SAMPLES OF EACH COLOR OF FINISH PAINT. SAMPLES SHALL BE RETAINED BY THE COUNTY REPRESENTATIVE TO COMPARE WITH FINISHES AS THEY ARE APPLIED.
3. MATERIALS:
 - A. USE ONLY MATERIALS RECOMMENDED BY FINISH PAINT MANUFACTURER. PRIMER & PAINT SHALL BE PART OF A UNIFIED SYSTEM OF PAINT FINISH.
 - B. PAINT SYSTEMS SPECIFIED ARE INTENDED TO ESTABLISH THE QUALITY OF PAINT PRODUCTS. EQUIVALENT PRODUCTS ARE ONLY ACCEPTABLE WITH CITY APPROVAL.
 - C. PAINT COLOR: SEE INDIVIDUAL DETAILS.
4. FACTORY OR POINT OF FABRICATION APPLIED PAINT SYSTEM:
 - A. SURFACE PREPARATION: ALL SCALE, RUST AND OTHER CONTAMINATES SHALL BE REMOVED AND ALL SURFACES CLEANED TO STEEL STRUCTURES PAINTING COUNCIL (SSPC) SP-6 COMMERCIAL BLAST CLEANING STANDARD. PRIOR TO PRIME AND TOP COAT APPLICATIONS, ALL SURFACES SHALL BE CLEAN, DRY AND FREE OF OIL, GREASE, FINGERPRINTS AND OTHER CONTAMINANTS. DO NOT USE HYDROCARBON SOLVENTS FOR CLEANING.
 - B. APPLICATION METHOD: AIRLESS, AIR, HVLP, OR AIR-ASSISTED AIRLESS SPRAY.
 - C. PRIME COAT: SHERWIN-WILLIAMS PRO-CRYL UNIVERSAL METAL PRIMER B66-310 SERIES UNLESS SPECIFIED OTHERWISE. INSTALL PER PRODUCT DATA SHEET #1.23.
 - D. APPLY BY SPRAY TO A DRY FILM THICKNESS OF 3.0 TO 4.0 MILS D.F.T.
 - E. TOP COAT: SHERWIN-WILLIAMS SHERCRYL HPA-HIGH PERFORMANCE ACRYLIC GLOSS B66-300 SERIES UNLESS SPECIFIED OTHERWISE. INSTALL PER PRODUCT DATA SHEET #1.26. APPLY TO A DRY FILM THICKNESS OF 5.0 TO 8.0 MILS. THIS WILL REQUIRE A MINIMUM OF TWO COATS TO REACH THE REQUIRED DFT.
 - F. TOTAL FILM THICKNESS OF PRIME & TOP COATS: 8.0 TO 12.0 MILS D.F.T.
5. FIELD APPLIED AND TOUCH UP PAINT SYSTEM:
 - A. SURFACE PREPARATION: AREAS TO BE TOUCHED UP SHALL BE SCARIFIED WITH A PALM SANDER, POLE SANDER OR SCOTCH BRITE PAD. ALL RUST SHALL BE REMOVED TO BRIGHT METAL. ALL OIL, GREASE, FINGERPRINTS AND OTHER CONTAMINANTS SHALL BE REMOVED WITH CLEAN SOLVENT AND CLEAN RAGS. DO NOT USE HYDROCARBON SOLVENTS FOR CLEANING.
 - B. APPLICATION METHOD: BRUSH, ROLLER, AIRLESS, AIR, HVLP, OR AIR-ASSISTED AIRLESS SPRAY.
 - C. FIELD WELDS: AREAS TO BE WIRE BRUSHED. APPLY SHERWIN-WILLIAMS ZINC-CLAD COLD GALVANIZING COMPOUND PRIOR TO APPLYING PRIME COAT. INSTALL PER PRODUCT DATA SHEET #11.02.
 - D. PRIME COAT: SHERWIN-WILLIAMS PRO-CRYL UNIVERSAL METAL PRIMER B66-310 SERIES. INSTALL PER PRODUCT DATA SHEET #1.23. APPLY TO A DRY THICKNESS OF 3.0 TO 4.0 MILS. THIS MAY REQUIRE MULTIPLE COATS TO REACH THE REQUIRED D.F.T.
 - E. TOP COAT: SHERWIN-WILLIAMS SHERCRYL HPA-HIGH PERFORMANCE ACRYLIC GLOSS B66-300 SERIES. INSTALL PER PRODUCT DATA SHEET #1.26. APPLY TO A DRY FILM THICKNESS OF 5.0 TO 8.0 MILS D.F.T. THIS WILL REQUIRE A MINIMUM OF TWO COATS TO REACH THE REQUIRED D.F.T.
 - F. TOTAL FILM THICKNESS OF PRIME & TOP COATS: 8.0 TO 12.0 MILS D.F.T.
6. EXECUTION:
 - A. APPLICATION TEMPERATURE: THE APPLICATION, CURING AND METAL TEMPERATURES SHALL BE ABOVE 50 DEGREES FAHRENHEIT (10 DEGREES CELSIUS).
 - B. APPLY PAINT IN ACCORDANCE WITH THE PAINT MANUFACTURER'S RECOMMENDATIONS UNLESS OTHERWISE SPECIFIED.
 - C. COMPLY W/ RECOMMENDATION OF PAINT MANUFACTURER FOR DRYING TIME BETWEEN SUCCEEDING COATS.
 - D. EACH COAT SHALL BE APPROVED BY COUNTY INSPECTOR PRIOR TO APPLYING SUCCEEDING COATS. FOLLOW SSPC-PA2 MEASUREMENT OF DRY COATING THICKNESS WITH MAGNETIC GAGES.
 - E. FINISH COATS SHALL BE SMOOTH AND FREE FROM BRUSH MARKS, STREAKS, LAPS OR PILEUP OF PAINTS, AND SKIPPED OR MISSED AREAS.
 - F. TOUCH UP: THE FINAL FINISH SHALL BE FREE OF SCRATCHES, GOUGES, AND DEFECTS OF ANY KIND. TOUCH UP AND RESTORE FINISH WHERE DAMAGED.
 - G. CLEANING: REMOVE SPILLED, SPLASHED, OR SPATTERED PAINT FROM SURFACES.
 - H. CONTRACTOR SHALL MAINTAIN A DRY FILM GAGE AT THE PROJECT SITE DURING INSPECTIONS. COUNTY INSPECTOR MAY USE THE CONTRACTOR'S DRY FILM GAGE AT INSPECTIONS.



METAL PAINT NOTES

Drawn by: SP/ER	Date: March 2016	Scale:
Checked by: Jeff Gault	Revisions	NTS
Approved by: <i>Kevin R. Boustien</i> CITY ENGINEER	No. Date App. Description	Drawing
Date: 3/14/16		S-4A



	10' FENCE	6' FENCE
TERMINAL & GATE POSTS	2-1/2" STD. (2-7/8" O.D.)	2" SCH. 10 (2-3/8" O.D.)
LINE POSTS	2-1/2" STD. (2-7/8" O.D.)	1-1/2" SCH. 10 (1-7/8" O.D.)
TERMINAL POST FOOTING DEPTH	4.0'	3.0'
LINE POST FOOTING DEPTH	4.0'	2.5'

NOTES:

- A. INSTALL CHAIN LINK FABRIC MESH ON FIELD SIDE OF 10' FENCE & DUGOUT SIDE OF 6' FENCE.
- B. INSTALLATION & MATERIALS SHALL COMPLY WITH CHAIN LINK FENCING NOTES, SEE DETAIL S-29.




CHAIN LINK FENCE DETAIL

Drawn by: SP/ER	Date: March 2016	Scale:
Checked by: Jeff Gault	Revisions	NTS
Approved by: <i>Wain R. Brantley</i>	No. Date App. Description	Drawing
CITY ENGINEER		S-28
Date: 3/14/16		

CHAIN LINK FENCING NOTES:

1. ALL MATERIALS SHALL CONFORM TO SECTION 80-3 OF THE CALTRANS STANDARD SPECIFICATIONS EXCEPT AS MODIFIED BY THESE SPECIFICATIONS.
2. SUBMITTALS:
 - A. MANUFACTURER'S CATALOG INFORMATION INDICATING SIZE, MATERIALS, FINISHES AND QUANTITIES OF ITEMS BEING SUPPLIED.
 - B. CERTIFICATES OF COMPLIANCE FOR ALL MATERIALS STATING THE REQUIRED SPECIFICATIONS AND THE COMPLIANCE OF MATERIALS TO SPECIFICATIONS.
3. GALVANIZED CHAIN LINK FABRIC @ BASEBALL FENCE: 9 GAUGE CORE WIRE MEASURING 2" BETWEEN PARALLEL SIDES, COMPLYING WITH ASTM A392. FINISH TO BE GALVANIZED WITH NOT LESS THAN 1.2 OZ. ZINC COATING PER SQUARE FOOT OF UNCOATED WIRE SURFACE ON WIRE COATED BEFORE WEAVING. FABRIC SHALL BE KNUCKLED TOP AND BOTTOM.
4. GALVANIZED STEEL POSTS AND FRAMING @ BASEBALL FENCE: TYPE I GALVANIZED, ROUND PIPE, SIZE AS SHOWN ON DRAWINGS. FINISH TO BE GALVANIZED STEEL CONFORMING TO ASTM A123.
5. TIE WIRES: SHALL CONFORM TO SECTION 80-4.01C OF THE CALTRANS STANDARD SPECIFICATIONS.
6. TENSION ROD, BARS, BANDS AND FITTINGS: TYPE 1 HOT DIPPED GALVANIZED STEEL CONFORMING TO ASTM A123.
 - A. TENSION BAR: NOT BE LESS THAN 1/4" X 3/4" AND NOT LESS THAN 2" SHORTER THAN THE NOMINAL HEIGHT OF THE FABRIC. ONE TENSION BAR SHALL BE PROVIDED FOR EACH END POST AND TWO FOR EACH PULL POST PER PLANS.
 - B. ATTACHMENT BOLT: 3/8" X 1-1/4" GALVANIZED CARRIAGE BOLTS WITH NUTS, ONE AT EACH TENSION BAR BAND. NUTS AND BOLTS SHALL BE GALVANIZED.
 - C. TRUSS ROD: 3/8" HOT-DIP GALVANIZED STEEL RODS WITH GALVANIZED TURNBUCKLES. TIE TURNBUCKLES ON TRUSS RODS WITH TIE WIRES TO FENCE FABRIC TO PREVENT LOOSENING BY VANDALS.
 - D. FITTINGS: FITTINGS TO BE MALLEABLE, CAST IRON OR PRESSED STEEL.
 - E. POST TOP: HEAVY ORNAMENTAL TOPS TO BE APPROVED BY COUNTY REPRESENTATIVE. BASE OF TOP TO CARRY APRON AROUND OUTSIDE OF POST, AND SHALL BE SECURELY FASTENED TO POSTS.
7. FENCE INSTALLATION: INSTALL FABRIC, ACCESSORIES AND BRACES IN ACCORDANCE WITH ANSI/ASTM F567 AND MANUFACTURER'S INSTRUCTIONS. STRETCH FABRIC BETWEEN TERMINAL POSTS OR AT INTERVAL OF 100 FEET MAXIMUM, WHICHEVER IS LESS. FASTEN FABRIC TO TOP RAIL, BOTTOM RAIL AND BRACES WITH TIE WIRE AT SPACING INDICATED ON DRAWINGS AND IN SPECIFICATIONS. ATTACH FABRIC TO END AND PULL POSTS WITH TENSION BARS AND TENSION BAR CLIPS. INSTALL QUANTITY OF FENCE POSTS SHOWN AT BASEBALL FENCING.
8. GATES SHALL BE INSTALLED PLUMB AND LEVEL AND ALL HARDWARE SHALL BE ADJUSTED TO PROVIDE FOR SMOOTH OPERATION. AFTER ADJUSTMENTS, APPLY WELD BEAD ABOVE HINGE TO SECURE IT. GATES SHALL BE CONSTRUCTED OF 1-5/8" O.D. PIPE, AND SHALL PROVIDE 7' OF OVERHEAD CLEARANCE WITH A TRANSOM FENCE PANEL LOCATED ABOVE THE GATE.

CHAIN LINK FENCE NOTES					
	Drawn by: SP/ER	Date: March 2016		Scale: NTS	
	Checked by: Jeff Gault	Revisions			
	Approved by: <i>Brian R. Boudreau</i>	No.	Date	App.	Drawing S-29
	CITY ENGINEER			Description	
	Date: 3/14/14				