

13 AM, By:F - On-Call E 1:35:4 COA -

- 54k (@ 2' ABOVE GRADE)
- UNLESS NOTED OTHERWISE, ALL DETAILING, FABRICATION, AND PLACING OF REINFORCING STEEL AND ACCESSORIES SHALL CONFORM TO "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" (ACI 315) AND "MANUAL OF ENGINEERING AND
- UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL DEVELOP A MINIMUM COMPREHENSIVE STRENGTH OF 4000 PSI IN 28 DAYS.
- UNLESS OTHERWISE NOTES ALL REINFORCING STEEL SHALL BE DEFORMED BARS. CONFORMING TO ASTM A615 GRADE 60, INCLUDING SUPPLEMENTARY REQUIREMENTS.
- UNLESS NOTED OTHERWISE, ALL SPLICES OF REINFORCING STEEL SHALL BE CLASS B TENSION LAP SPLICES (12" MIN.). SPLICE TOP REINFORCING STEEL AT MID-SPAN AND BOTTOM
- WELDED WIRE FABRIC REINFORCING SHALL LAP TWO FILL SPACING OF THE CROSS WIRES AND BE SECURELY ATTACHED
- UNLESS NOTED OTHERWISE, ALL REINFORCING STEEL HOOKS
- UNLESS NOTED OTHERWISE, PROVIDE A $^3\!\!\!/^* x \, ^3\!\!\!/^*$ CHAMFER AT ALL EXPOSED EXTERNAL CORNERS.
- UNLESS NOTED OTHERWISE, CONCRETE COVER OVER STEEL REINFORCEMENT SHALL CONFORM TO THE MINIMUM
- SIZE AND PLACEMENT OF ALL CONCRETE REINFORCEMENT AND EMBEDS SHALL BE INSPECTED AND APPROVED PRIOR TO
- ALL DETAILING, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF THE AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, AND WITH ALL LOCAL LAWS AND ORDINANCES. WHERE CONFLICTING REQUIREMENTS OCCUR, THE MORE STRINGENT REQUIREMENT
- ALL W SHAPES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A992 GRADE 50, ALL C SHAPES SHALL CONFORM TO THE
- ALL ANGLES AND PLATES SHALL CONFORM TO THE
- REQUIREMENTS OF ASTM A36 UNLESS NOTED OTHERWISE ALL WELDS SHALL CONFORM TO THE AMERICAN WELDING SOCIETY'S D1.1 "STRUCTURAL WELDING CODE - STEEL"
- ALL HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM A325. UNLESS NOTED OTHERWISE, BOLTS SHALL BE $\frac{3}{4}$ " DIA. AND HOLES SHALL BE 1/2" LARGER THAN THE BOLT SIZE BOLTED CONNECTIONS ARE DESIGNED AS BEARING TYPE WITH THREADS IN SHEAR PLANE, WASHERS SHALL BE INSTALLED UNDER NUTS OF FASTENERS WHEN REQUIRED BY THE SPECIFICATION FOR
- TIGHTENED TO THE SNUG TIGHT CONDITION. UNLESS NOTED OTHERWISE, ALL SHOP CONNECTIONS SHALL BE
- UNLESS NOTED OTHERWISE, ALL FIELD CONNECTIONS SHALL BE
- NO OPENINGS MAY BE CUT IN STRUCTURAL MEMBERS UNLESS
- GUSSET PLATES SHALL BE %" MINIMUM THICKNESS.
- 10. ALL EXPOSED STRUCTURAL STEEL SHALL BE HOT DIP

- GENERAL NOTES FOR PANEL REPLACEMENT
 - DESIGN SPECIFICATIONS: AASHTO STANDARDS AND SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, 7TH EDITION (2014) W/ CURRENT INTERIMS
- CONSTRUCTION SPECIFICATIONS: CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS 2. CONSTRUCTION, 2020 EDITION, WITH UPDATES AND SUPPLEMENTAL TECHNICAL SPECIFICATIONS.
- CONCRETE: CHAMFER ALL EXPOSED EDGES 3/4 UNLESS THERWISE NOTED.
- PENETRATING WATER REPELLENT TREATMENT: SUBMIT PRODUCT DATA FOR ENGINEER'S APPROVAL PRIOR TO USE. APPLY TO ALL SURFACES ON THE FOLLOWING COMPONENTS.
 - A. PRECAST PANELS
 - B. CAST-IN-PLACE-COPING
- EXTEND TREATMENT AT LEAST ONE FOOT BELOW FINAL GROUNDLINE WHERE APPLICABLE
- ANTI-GRAFFITI PROTECTIVE COATING: SUBMIT PRODUCT DATA FOR ENGINEER'S APPROVAL PRIOR TO USE. APPLY A PIGMENTED ANTI-GRAFFITI PROTECTIVE COATING TO THE FOLLOWING SURFACES:
 - A. EXPOSED SURFACES OF PRECAST PANELS B CAST-IN-PLACE COPING
- PRECAST CONCRETE PANEL REINFORCEMENT/INSERTS: VERIFY REINFORCEMENT FOR HANDLING AND ERECTION STRESSES. IF ADDITIONAL REINFORCEMENT IS NEEDED SUBMIT CALCULATIONS AND DETAILS FOR ENGINEER'S APPROVAL PRIOR TO CASTING PANELS. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR NECESSARY WORK CONSTRUCT METAL LIFT DEVICES AND CONNECTION ASSEMBLIES IN PANELS SO AS TO PROVIDE A FINAL¹/₂" COVER FROM THE CONCRETE SURFACE WHERE A PORTION OF THE THE DEVICE IS REMOVED TO PROVIDE REQUIRED COVER, PATCH VOIDS WITH MATERIAL THAT MATCHES THE SURROUNDING CONCRETE.
- EXISTING UTILITIES: FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, CABLES, PIPES, OR CONDUIT WHICH MUST BE REMOVED, RELOCATED OR PROTECTED FROM DAMAGE BEFORE PROCEEDING WITH WALL CONSTRUCTION
- PAYMENT: THE ITEM "CONCRETE DRILLED SHAFT SOLDIER PILE RETAINING WALL" IS PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT OF EXPOSED WALL AREA FROM GROUND ELEVATION TO TOP OF COPING. PAYMENT INCLUDES ALL ASSOCIATED WORK REQUIRED TO COMPLETE THE WALL CONSTRUCTION.
- REFER TO PLAN AND DETAILS FOR WALL GEOMETRY.

SPECIAL SURFACE FINISHES

- PRECAST CONCRETE PANELS: TINT CONCRETE WITH KHAKI, #AZO-515 (ARIZONA OXIDES) OR APPROVED EQUAL, AT A RATE OF 3 POUNDS PER SACK OF CEMENT, PROVIDE ASHLAR BRICK" (REINFORCED EARTH COMPANY) OR SIMILAR TEXTURE APPROVED BY ENGINEER ON PANEL FRONT FACE.
- PREPARE A 3 FT. BY 3 FT. COLOR SAMPLE PANEL ONSITE FOR EACH OF THE ABOVE SPECIFIED COLORS. OBTAIN APPROVAL FROM THE PROJECT ENGINEER, IN CONJUNCTION WITH THE LANDSCAPE ARCHITECT, PRIOR TO ORDERING ANY MATERIALS SAMPLE PANELS SHALL BE LISED AS A CONTROL TO MATCH AREAS THAT ARE TO RECEIVE THE SPECIAL SURFACE FINSH.
- COORDINATE WITH THE ADJACENT MSE WALL CONSTRUCTION TO ENSURE THAT WALL PANELS MATCH WITH REGARD TO COLORS AND TEXTURES.



CITY OF ALBUQUERQUE UNSER BOULEVARD SOLDIER PILE WALL REPAIR										
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EV.	SHEETS	CITY ENGINEER		DATE	USER DEPARTMENT		DATE	USER DEPARTMENT	DATE	
GINEERS STAMP & SIGNATURE			APPROVALS		ENGINEER	DATE	Dece	mber 29, 2020		
PRELIMINARY			DRC Chairman				4	APPROVED FOR CONSTRUCTION		
			Transportation				_			
			Water/Wastewa	ater						
		PURPOSES.	Hydrology							
	OR REVIEW		C.I.P.							
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	17657		Constr. Coord.				City Er	ngineer Date		
Date: XX/XX/XXXX			AEHD							
HUITT-ZOLLARS, INC. Consulting Engineers			City Project No.				She		~	
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