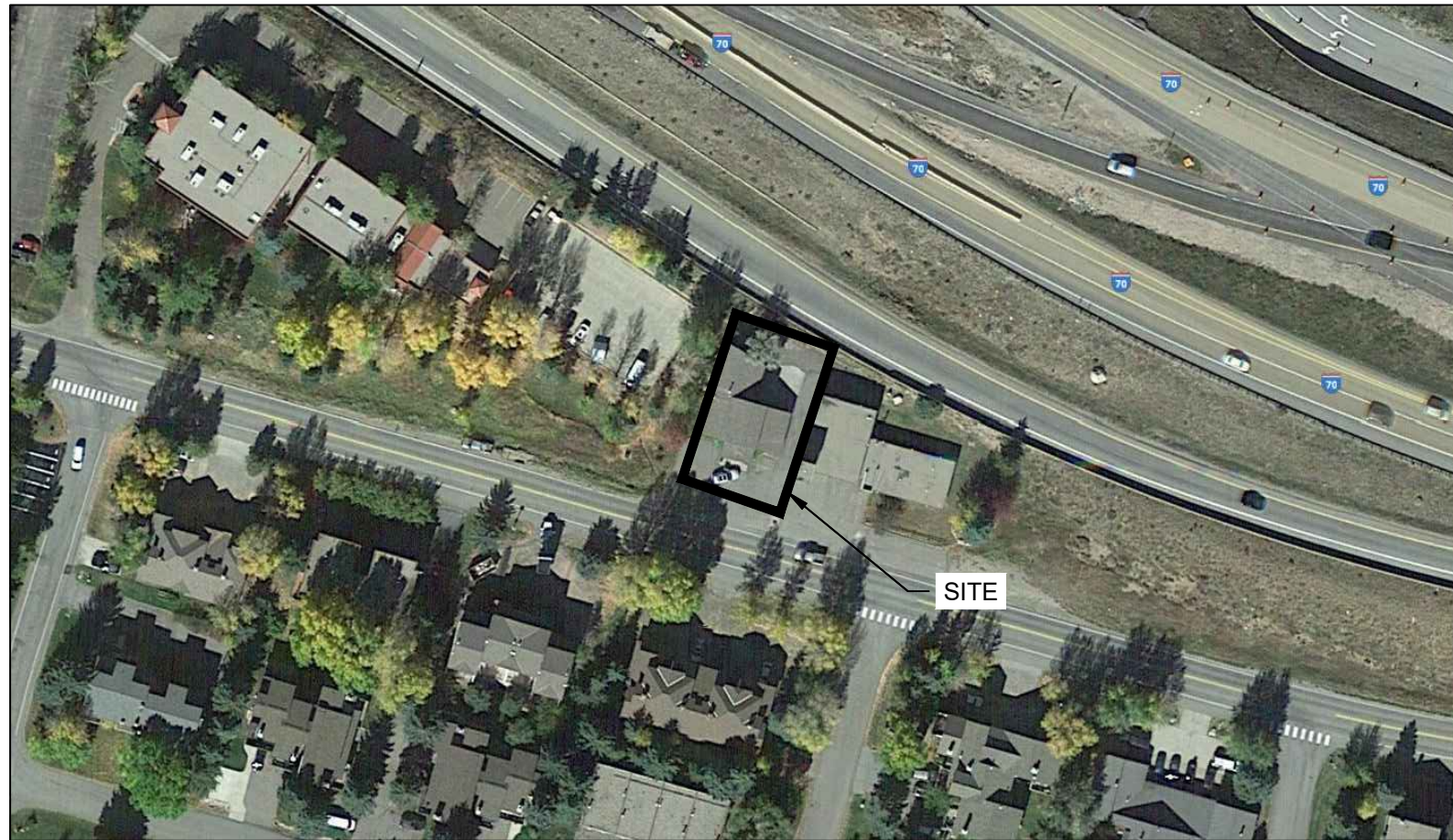


EAGLE COUNTY, COLORADO ENGINEERING DEPARTMENT

CONSTRUCTION BID PLANS OF PROPOSED EAGLE-VAIL SHERIFF SUBSTATION CONCRETE PAD



SHEET

C1
C2
C3
C4

INDEX OF SHEETS

TITLE SHEET
NOTES AND QUANTITIES
SITE PLAN
DETAILS



Print Date: 7/25/18
Drawing File Name: Eagle-Vail Sheriff Substation Concrete Pad
Horiz. Scale: NTS Vert. Scale: NTS

Sheet Revisions		
Date	Comments	Initials
R-1 5/7/18	DRAFT	JFP
R-2 7/25/18	FOR CONSTRUCTION	JFP
R-3		
R-4		

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Eagle County Facilities Center Notes & Quantities			
Designer:	JFP	Structure Numbers	
Detailer:	JFP		
Sheet Subset:		Subset Sheets:	

Project No./Code
Sheet Number C1

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE COMPLETED PER THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE CDOT M & S STANDARD PLANS, EAGLE COUNTY LAND USE REGULATIONS, LATEST EDITION, OR AS SHOWN. IN THE EVENT OF ANY CONFLICT, THE MOST STRINGENT SHALL APPLY.
2. CONTRACTOR SHALL PROVIDE A 2-YEAR WARRANTY ON ALL CONCRETE WORK.
3. PORTLAND CEMENT CONCRETE TO BE USED SHALL BE CLASS B.
4. THE CONTRACTOR SHALL BE AWARE OF RESIDENCES WITHIN THE AREA. THE CONTRACTOR WILL BE LIMITED TO CONSTRUCTION ACTIVITIES WITHIN THE RESIDENTIAL AREAS BETWEEN 7:30 AM TO 7:00 PM ON MONDAY THROUGH SATURDAY. NO WORK IS ALLOWED ON SUNDAY WITHOUT PERMISSION.
5. CONTRACTOR SHALL NOT SCALE DRAWINGS FOR CONSTRUCTION PURPOSES. MISSING DIMENSIONS OR DISCREPANCIES IN THE DRAWINGS DETECTED BY CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. ASSUMPTIONS MADE BY CONTRACTOR WITH REGARD TO MISSING DIMENSIONS AND DISCREPANCIES IN THE DRAWINGS ARE AT THE CONTRACTOR'S OWN RISK.
6. CONSTRUCTION SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NEITHER ENGINEER OR OWNER WILL BE RESPONSIBLE FOR MONITORING OR ASSURING CONTRACTOR'S COMPLIANCE WITH ANY APPLICABLE SAFETY LAWS, PROGRAMS, REGULATIONS, OR POLICIES.
7. THE CONTRACTOR SHALL COMPLY WITH ARTICLE 1.5 OF TITLE 9, CRS ("EXCAVATION REQUIREMENTS") WHEN EXCAVATING OR GRADING IS PLANNED IN THE AREA OF UNDERGROUND UTILITY FACILITIES. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITIES AT LEAST TWO (2) BUSINESS DAYS, NOT INCLUDING THE ACTUAL DAY OF NOTICE PRIOR TO COMMENCING SUCH OPERATIONS. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT 811 OR 1-800-922-1987, TO HAVE LOCATIONS OF UNCC REGISTERED LINES MARKED BY MEMBER COMPANIES. ALL OTHER UNDERGROUND FACILITIES SHALL BE LOCATED BY CONTACTING THE RESPECTIVE OWNER. UTILITY SERVICE LATERALS SHALL BE ALSO BE LOCATED PRIOR TO BEGINNING EXCAVATION OR GRADING. LOCATION AND NOTIFICATION OF BOTH UNCC AND NON-MEMBER UTILITIES IN THE CONTRACTOR'S RESPONSIBILITY.
8. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SUBSECTION 105.11 OF THE STANDARD SPECIFICATIONS AND THE UTILITY PROJECT SPECIAL PROVISIONS CONCERNING UTILITIES. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH UTILITY OWNERS IN THEIR REMOVAL, ADJUSTMENT AND/OR RELOCATION OPERATIONS SO THAT THE UTILITY WORK CAN BE ACCOMPLISHED WITHOUT IMPACTING THE CONSTRUCTION SCHEDULE.
9. ALL REMOVED MATERIAL, INCLUDING BUT NOT LIMITED TO ASPHALT PAVEMENT, CONCRETE PAVEMENT, AND BASE COURSE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE HAULED OFF SITE, AND MAY NOT BE BURIED ONSITE, UNLESS OTHERWISE NOTED IN THE PLANS.
10. WATER USED AS A DUST PALLIATIVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE WORK AND MEET THE PROVISIONS OF SECTION 209 OF THE CDOT STANDARD SPECIFICATIONS.
11. WHERE IT IS REQUIRED TO CUT ANY EXISTING ASPHALT PAVEMENT, CONCRETE PAVEMENT, OR ANY OTHER SURFACING, ALL CUTTING SHALL BE SAW CUT ONLY.
12. THE CONTRACTOR SHALL BE REQUIRED TO BROOM OR OTHERWISE CLEAN THE TRAVELED ROADWAY AND PARKING AREAS WHEN OPERATIONS ARE USING OR CROSSING THE AFFECTED FACILITIES. THE BROOMING MAY BE REQUIRED ON A DAILY BASIS OR AS DIRECTED BY THE ENGINEER.
13. THE CONTRACTOR SHALL PROTECT ALL WORK AREAS AND FACILITIES FROM WATER AT ALL TIMES. AREAS AND FACILITIES SUBJECTED TO FLOODING, REGARDLESS OF THE SOURCE OF WATER SHALL BE PROMPTLY DEWATERED AND RESTORED AT NO COST TO THE OWNER.
14. ALL FINISHED GRADES SHALL PROVIDE FOR NATURAL RUNOFF OF WATER WITHOUT LOW SPOTS OR POCKETS. FINAL GRADES MUST SUPPORT POSITIVE DRAINAGE AWAY FROM BUILDINGS AND OTHER STRUCTURES.
15. THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO THOSE AREAS WITHIN THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLANS. ANY DISTURBANCES BEYOND THESE LIMITS SHALL BE RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. CONSTRUCTION ACTIVITIES IN ADDITION TO NORMAL CONSTRUCTION PROCEDURE SHALL INCLUDE THE PARKING OF VEHICLES OR EQUIPMENT, DISPOSAL OF LITTER, AND ANY OTHER ACTION WHICH WOULD ALTER EXISTING CONDITIONS.
16. ALL CONSTRUCTION EQUIPMENT IS TO BE WELL-MAINTAINED AND INCLUDE APPROPRIATE SOUND CONTROL MEASURES, SUCH AS MUFFLERS AND SOUND ENCLOSURES. IF THE ENGINEER OR THE COUNTY RECEIVE COMPLAINTS ABOUT CONSTRUCTION NOISE, THE CONTRACTOR WILL ASSIST TO LIMIT THE NOISE OUTPUT FROM CONSTRUCTION. THESE MEASURES MAY INCLUDE NOISE BLANKETS ON ENGINES AND QUIET USE GENERATORS.
17. IN THE EVENT THAT PROJECT PERSONNEL ENCOUNTER UNKNOWN SOIL AND/OR GROUNDWATER CONTAMINATION, CONSTRUCTION ACTIVITIES SHOULD CEASE IMMEDIATELY AND THE PROCEDURES OUTLINED IN THE CDOT STANDARD SPECIFICATION 250.03 SHALL BE FOLLOWED.
18. DURING FILL PLACEMENT, THE FILL SHOULD BE ADJUSTED TO A MOISTURE CONTENT WITHIN 2 PERCENTAGE POINTS OF OPTIMUM AND COMPACTED TO AT LEAST 95% OF THE MAXIMUM MODIFIED PROCTOR DENSITY (AASHTO T 180) FOR MATERIALS CLASSIFYING BETWEEN A-1 AND A-2-5. ALL OTHER SOILS SHOULD BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM STANDARD PROCTOR DENSITY (AASHTO T 180 METHOD A) WITHIN MINUS 1 TO PLUS 3 PERCENTAGE POINTS OF OPTIMUM.
19. THE CONTRACTOR SHALL VERIFY ACCURACY BETWEEN WORK SET FORTH ON THESE PLANS AND WORK REQUIRED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO START OF CONSTRUCTION.
20. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS AT AND ADJACENT TO THE JOB SITE, INCLUDING SAFETY OF ALL PERSON AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE DUTY OF THE COUNTY TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE THE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE.
21. IF OVER-EXCAVATION IS DEEMED NECESSARY, APPROVAL FROM THE ENGINEER MUST BE PROVIDED PRIOR TO PERFORMING OVER-EXCAVATION. ALL OVER-EXCAVATION SHALL BE PERFORMED FOR THE SAME UNIT PRICE AS "REMOVE EXISTING BASE COURSE" IN THE WINNING BID.
22. UPON COMPLETION OF CONSTRUCTION, THE SITE SHALL BE CLEANED AND RESTORED TO A CONDITION EQUAL TO, OR BETTER THAN, THAT WHICH EXISTED BEFORE CONSTRUCTION, OR TO THE GRADES AND CONDITION AS REQUIRED BY THESE PLANS.

CONCRETE PAD QUANTITIES		
CONTRACT ITEM	UNIT	QUANTITY
SAWCUT EXISTING CONCRETE	LF	85
REMOVE EXISTING CONCRETE	SF	715
SAWCUT EXISTING ASPHALT	LF	77
REMOVE EXISTING ASPHALT	SF	206
COMMON EXCAVATION	CY	17
FINE GRADING/SUBGRADE PREP	SF	934
ABC CLASS 6	CY	18
4500 PSI CONCRETE CLASS B	CY	20
6"X6" WIRE MESH	SF	940
PREFORMED JOINT FILLER	LF	54
HANDRAIL	LS	1
GUTTER OUTFALL	LS	1
MOBILIZATION	LS	1



Print Date:	7/25/18
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Sheet Revisions		
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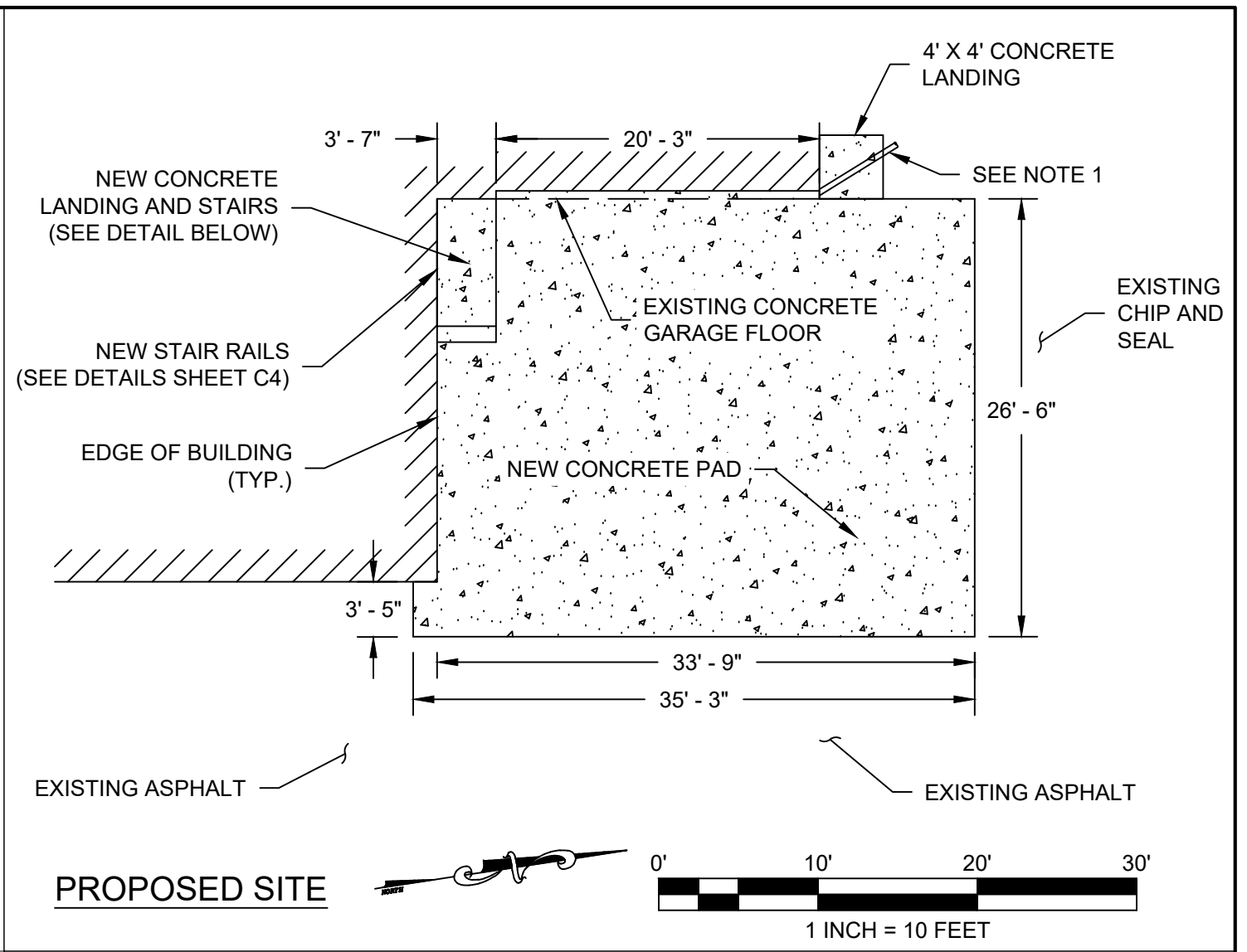
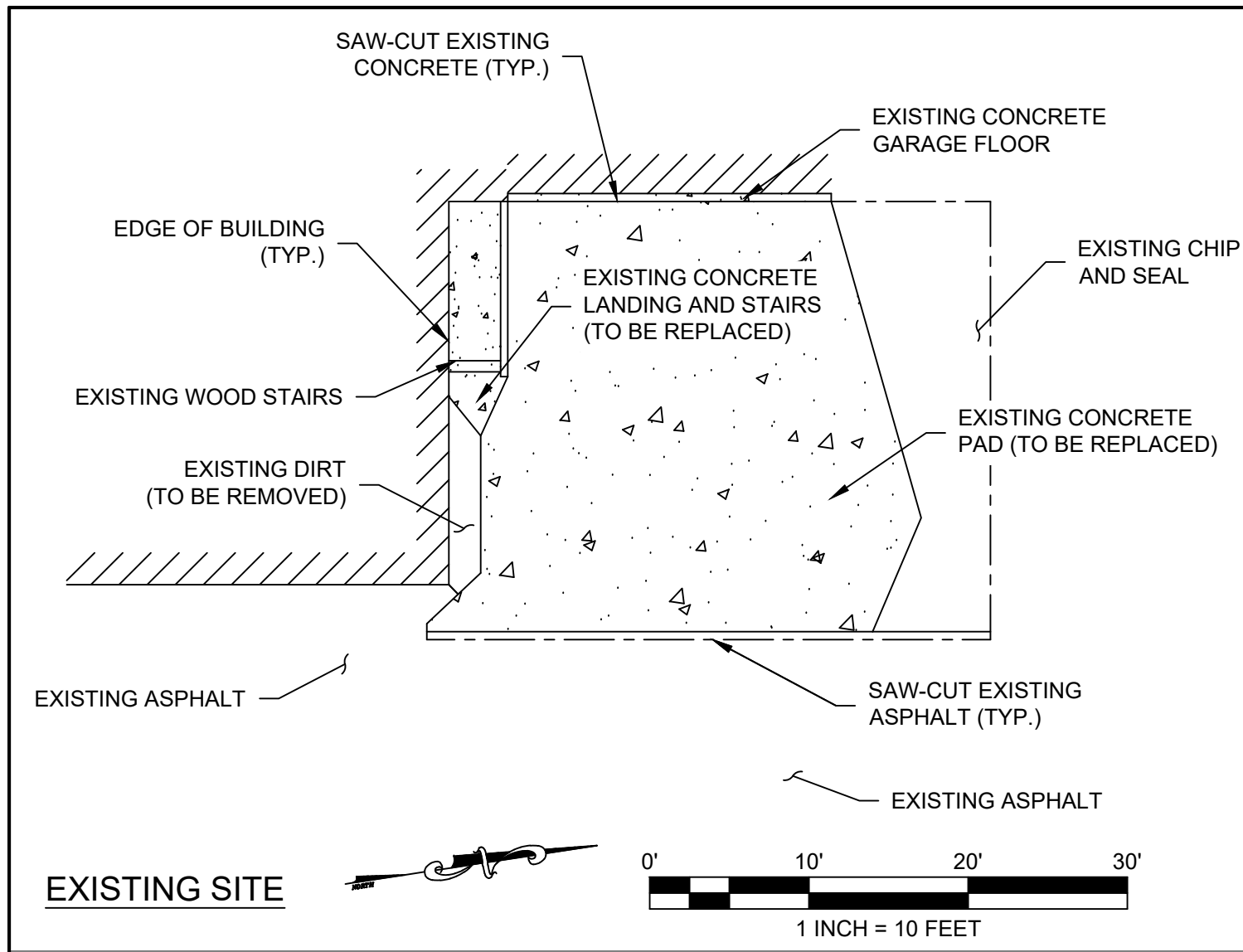
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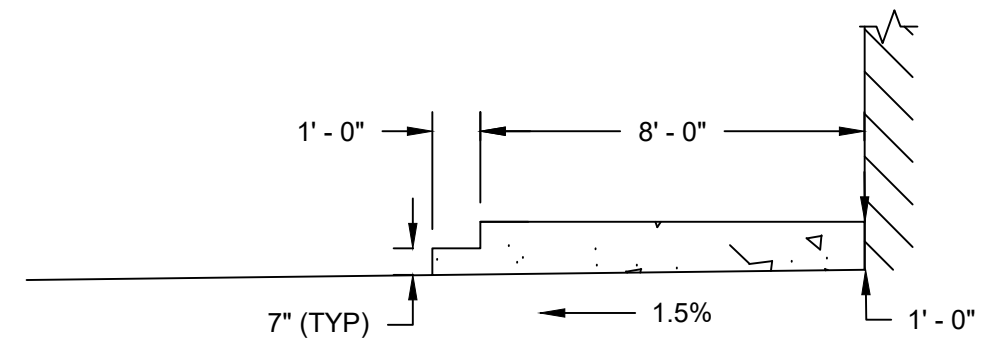
Eagle County Facilities Center Notes & Quantities	
Designer:	JFP
Detailer:	JFP
Sheet Subset:	Subset Sheets:

Project No./Code	
Sheet Number	C2



NOTES:

1. GUTTER OUTFALL WILL REQUIRE A COUPLER TO 4" PVC 90 DEGREE ELBOW TO BE PLACED UNDER CONCRETE AND 4" PVC PIPE TO DAYLIGHT AT A SLOPE OF NO LESS THAN 2 PERCENT. PVC PIPE WILL REQUIRE RODENT GUARD. THE LENGTH OF PVC PIPE WILL BE FIELD FIT.



Print Date:	7/25/18
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Vert. Scale:	1" = 10'

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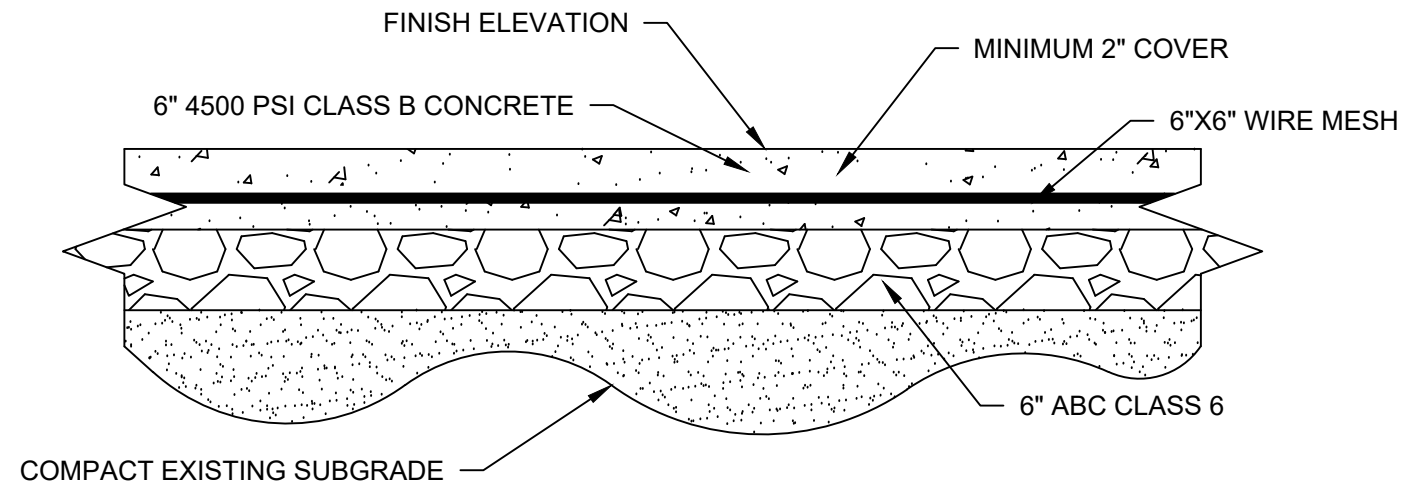
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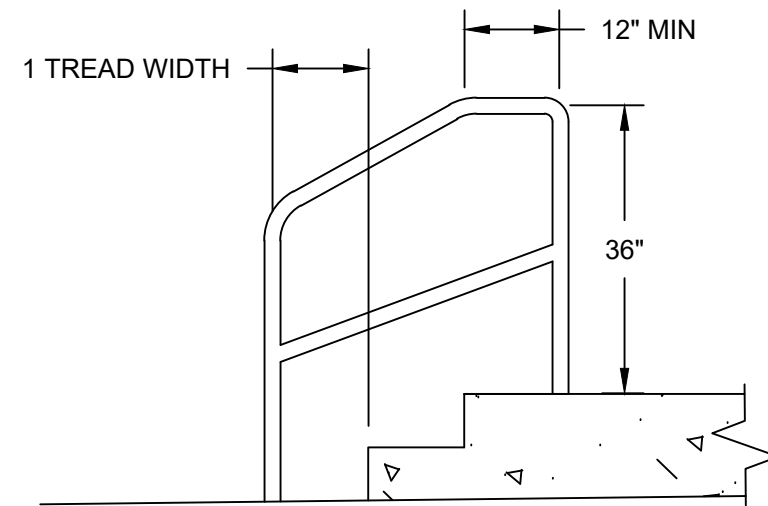
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Designer:	JFP
Detailer:	JFP
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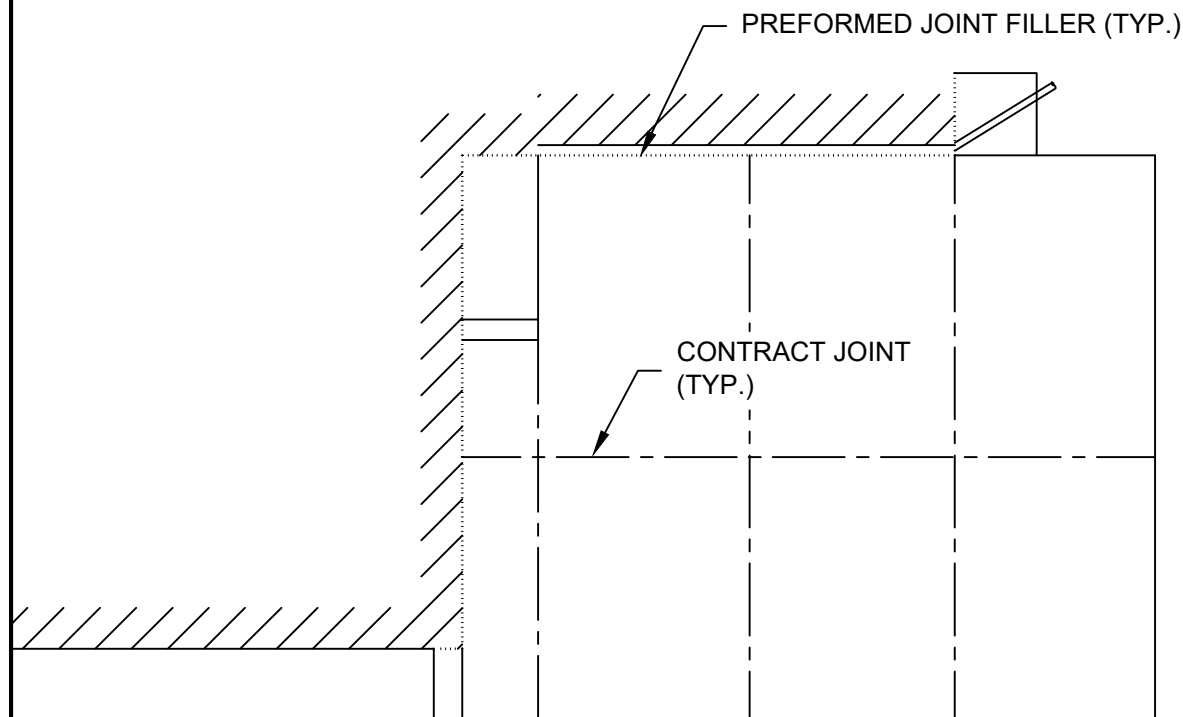
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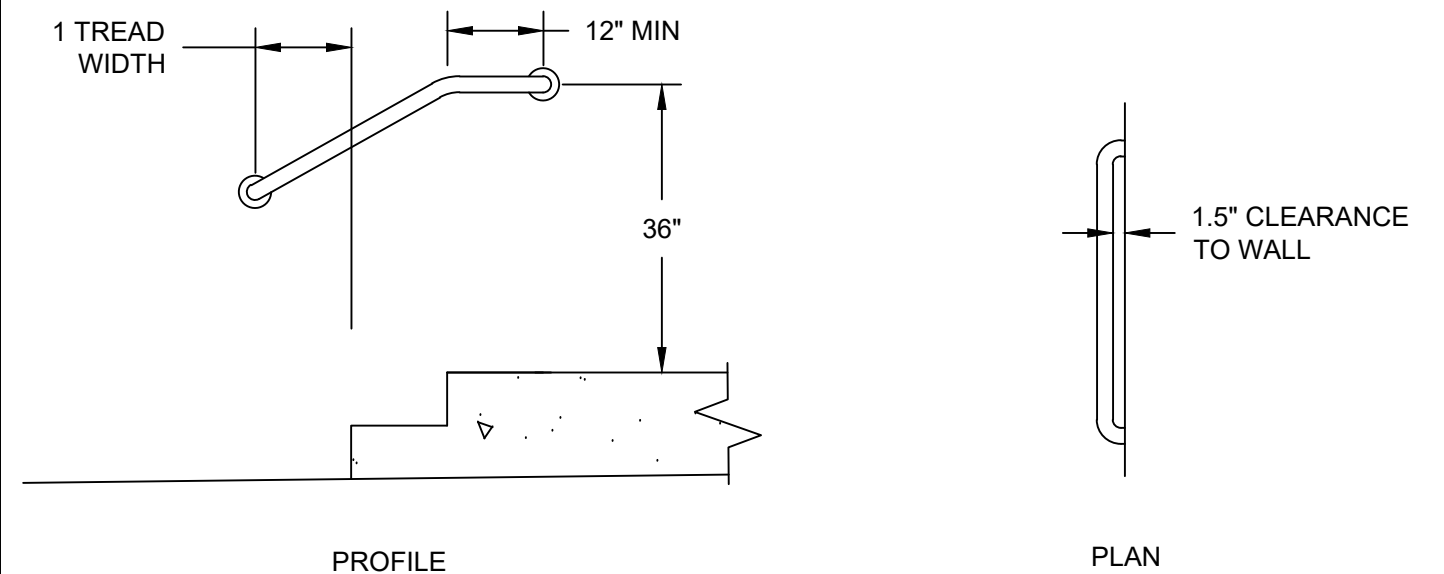
CONCRETE SECTION (NTS)



RETURN TO WALKING SURFACE (NTS)



JOINT PLAN (NTS)



RETURN TO WALL (NTS)



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