

SREGON ORCHARD FENCE IMPROVEMENT PLANS

YUROK RESERVATION TRINITY-KLAMATH, CALIFORNIA

PREPARED FOR:

THE YUROK TRIBE
190 KLAMATH BLVD
KLAMATH, CA 95548



SEPTEMBER 2025

PROJECT SCOPE:

PROPOSED PROJECT INCLUDES REMOVAL AND CONSTRUCTION OF A NEW PERIMETER FENCE AT THE SREGON ORCHARD SITE. THE FENCING IS INTENDED TO PROVIDE A SECURE, PRESENTABLE ENCLOSURE TO SUPPORT FUTURE COMMUNITY USE AND PREVENT ANIMAL INTRUSION. THE NEW FENCE WILL INCLUDE DRAINAGE MODIFICATIONS, TWO MAN GATES AND ONE VEHICLE GATE.

SURVEY INFORMATION:

BOUNDARY LINES NOT SHOWN ON THIS MAP

ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988(NAVD88). GEOD 18, DERIVED FROM STATIC GPS OCCUPATION POST PROCESSED USING NGS CORS STATIONS. SITE BENCHMARK WAS ESTABLISHED AT CONTROL POINT NO.1, EL.117.26', SHOWN HEREON.

CONTOUR INTERVAL IS ONE FOOT

CONTOURS AND TOPOGRAPHIC DATA WERE DERIVED FROM A DRONE FLIGHT SURVEY CONDUCTED BY LACO ASSOCIATES

BASIS OF BEARINGS

S10°09'55" W 235.79' BETWEEN CONTROL POINTS #3 AND #4, SHOWN HEREON. THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983 (NAVD83) (2011, ZONE 1 (402), EPOCH 2010.00)

UNDERGROUND UTILITIES AND SUBSURFACE CONDITIONS NOT SURVEYED.

FIELD SURVEY BY LACO ASSOCIATES ON 6/04/2025.
ONLY CONDITIONS EXISTING AT THAT TIME ARE REFLECTED ON THIS MAP.

PROJECT TEAM CONTACT INFORMATION:

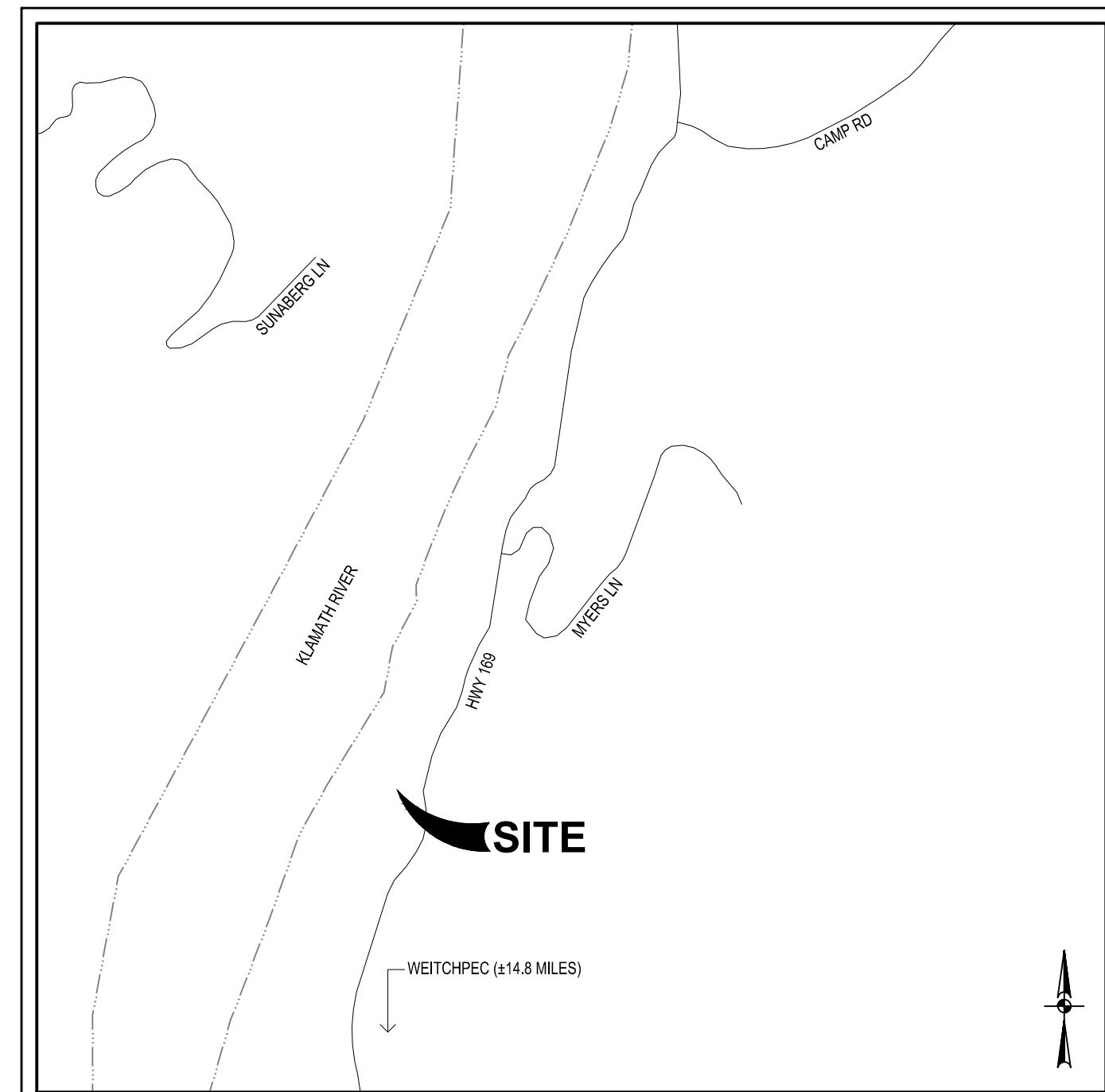
CLIENT: THE YUROK TRIBE
CONTACT: BRANDI NATT
TITLE: TRANSPORTATION DIRECTOR
ADDRESS: 190 KLAMATH, CA 95548
PHONE: 707-482-1350
EMAIL: BNATT@YUROKTRIBEN.US

ENGINEER: LACO ASSOCIATES
CONTACT: CHAD C. MOSIER
TITLE: PRINCIPAL CIVIL ENGINEER
ADDRESS: PO BOX 1023, EUREKA, CA 95502
PHONE: 707-443-6054
EMAIL: WILBURN@LACOASSOCIATES.COM

SURVEYOR: LACO ASSOCIATES
CONTACT: CHAD C. MOSIER
TITLE: VP LAND SURVEYING
ADDRESS: PO BOX 1023, EUREKA, CA 95502
PHONE: 707-443-6054
EMAIL: MOSIERC@LACOASSOCIATES.COM

ABBREVIATIONS:

APPROX.	APPROXIMATE	MH	MANHOLE
CL	CENTERLINE	NG	NATURAL GAS
CO	CLEAN OUT	NO.	NUMBER
CMP	CORRUGATED METAL PIPE	NTS	NOT TO SCALE
CP	CONTROL POINT	OC	ON CENTER
DIA.	DIAMETER	OHU	OVERHEAD UTILITY
DI	DRAINAGE INLET	PSI	POUNDS PER SQUARE INCH
EA	EACH	PUE	PUBLIC UTILITY EASEMENT
EL	ELEVATION	PVC	POLYVINYL CHLORIDE
EP	EDGE OF PAVEMENT	R	RADIUS
EX.	EXISTING	RC	RELATIVE COMPACTION
FH	FIRE HYDRANT	RCP	REINFORCED CONCRETE PIPE
FT	FEET	SCH	SCHEDULE
HDP	HIGH-DENSITY POLYETHYLENE	SD	STORM DRAIN
INV	INVERT	SS	SANITARY SEWER
LF	LINEAR FEET	SW	SIDEWALK
MAX	MAXIMUM	TG	TOP OF GRATE
MIN	MINIMUM	TYP.	TYPICAL
		W	WATER



LOCATION MAP
NOT-TO-SCALE

SHEET INDEX

SHEET NUMBER	SHEET TITLE
C0.0	COVER SHEET
C1.0	EX. CONDITIONS, DEMO PLAN, & FENCE IMPROVEMENT PLAN
C2.0	CONSTRUCTION DETAILS

GENERAL NOTES

- ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE REQUIREMENTS OF CALIFORNIA BUILDING CODE AND THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS. ALL REFERENCES TO STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SHALL REFER TO THE 2023 EDITION OF THE STANDARD SPECIFICATIONS. ATTENTION IS ALSO DIRECTED TO THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD PLANS WHICH, WHEN APPLICABLE, ARE INCLUDED IN THESE DRAWINGS AND REFERENCED BY STANDARD PLAN NUMBER.
- PUBLIC SAFETY AND TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE COUNTY OF HUMBOLDT REQUIREMENTS AS DIRECTED BY THE OWNERS REPRESENTATIVE. SAFE VEHICULAR AND PEDESTRIAN ACCESS SHALL BE PROVIDED AT ALL TIMES DURING CONSTRUCTION.
- A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR SHALL DO ALL FIELD STAKING AT THE EXPENSE OF THE CONTRACTOR.
- ALL DISCREPANCIES DISCOVERED BY THE CONTRACTOR IN THESE PLANS AND/OR ANY FIELD CONDITIONS DISCOVERED BY THE CONTRACTOR THAT MAY DELAY OR OBSTRUCT THE PROPER COMPLETION OF THE WORK PER THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE IMMEDIATELY UPON DISCOVERY. SAID NOTIFICATION SHALL BE IN WRITING.
- CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS. MONUMENTS AND SURVEY MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL MAINTAIN ADEQUATE DUST CONTROL PER SECTION 10 OF THE STANDARD SPECIFICATIONS. FAILURE TO DO SO MAY RESULT IN THE ISSUANCE OF AN ORDER TO STOP WORK.
- CONTRACTOR SHALL INDEPENDENTLY REVIEW GROUND, TOPOGRAPHY, AND EXISTING CONDITIONS THROUGHOUT THE LIMITS OF WORK, AND ASSUME WHOLLY AND UNCONDITIONALLY THE RISK OF COMPETING THE WORK SET OUT ON THESE PLANS, REGARDLESS OF ROCK, WATER TABLE, OR OTHER CONDITIONS WHICH THE CONTRACTOR MAY ENCOUNTER IN THE COURSE OF THE WORK.
- CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE LAYING OUT THE WORK AND NOTIFY THE OWNERS REPRESENTATIVE OF ANY DISCREPANCIES BEFORE STARTING WORK. HE SHALL BE RESPONSIBLE FOR ANY ERRORS RESULTING FROM CONTRACTOR'S FAILURE TO DO SO.
- ALL EXISTING UTILITIES SHALL BE MAINTAINED IN OPERATION AT ALL TIMES, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL SAFETY AND TRAFFIC CONTROL REQUIRED ON EXISTING STREETS DURING THE COURSE OF CONSTRUCTION. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- IF THERE IS A CONFLICT BETWEEN WRITTEN AND SCALED DIMENSIONS, NOTIFY THE OWNERS REPRESENTATIVE AND OBTAIN A CLARIFICATION. NO DEVIATIONS OR SUBSTITUTIONS SHALL BE ALLOWED WITHOUT OBTAINING WRITTEN APPROVAL FROM THE OWNERS REPRESENTATIVE.

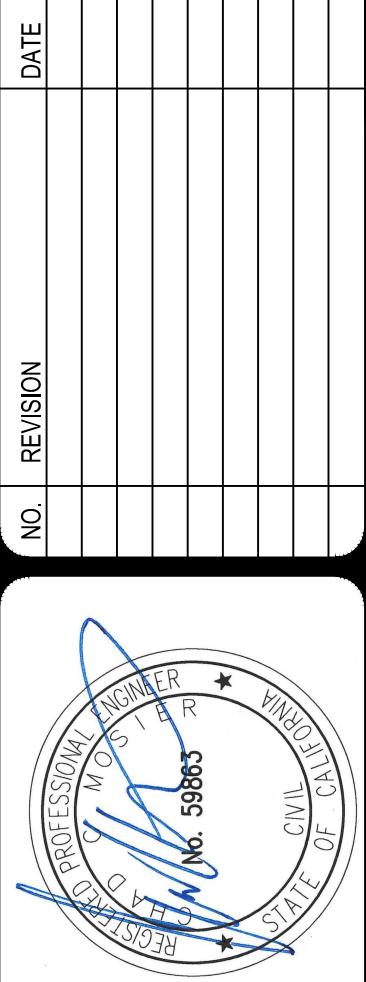
GENERAL UTILITY NOTES

- NO GUARANTEE IS INTENDED THAT UNDERGROUND OBSTRUCTIONS, NOT SHOWN ON THE PLANS, MAY NOT BE ENCOUNTERED. UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE BASED UPON THE BEST INFORMATION AVAILABLE. CONTRACTOR SHALL UNCOVER BURIED UTILITIES TO VERIFY LOCATIONS AND ELEVATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF UTILITIES CONFLICTING WITH THE PROPOSED CONSTRUCTION.
- THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, HE IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES FOR VERIFICATION AT THE CONSTRUCTION SITE OF THE LOCATIONS OF ALL UNDERGROUND FACILITIES WHERE SUCH FACILITIES MAY POSSIBLY CONFLICT WITH THE PLACEMENT OF THE IMPROVEMENTS SHOWN ON THESE PLANS. CALL "UNDERGROUND SERVICE ALERT" AT 800-227-2600 TWO (2) DAYS MINIMUM TO FOURTEEN (14) DAYS MAXIMUM BEFORE ANY EXCAVATION IS STARTED.
- THE CONTRACTOR SHALL SECURE A PERMIT FROM THE CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH FOR THE CONSTRUCTION OF A TRENCH OR EXCAVATION WHICH IS FIVE FEET OR DEEPER AND INTO WHICH A PERSON IS REQUIRED TO DESCEND.

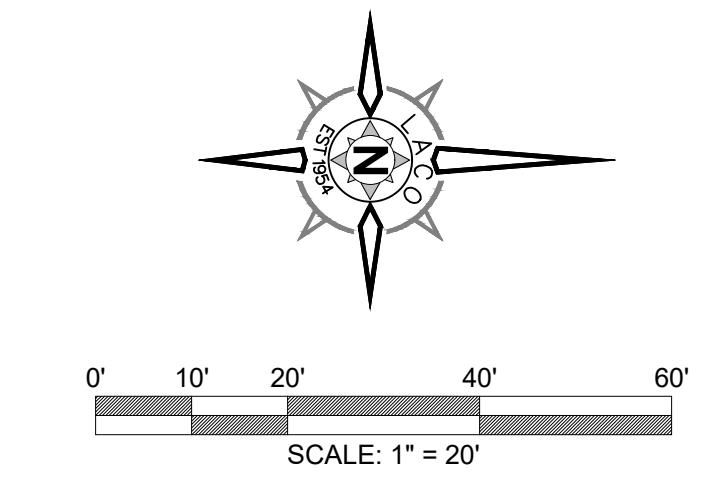
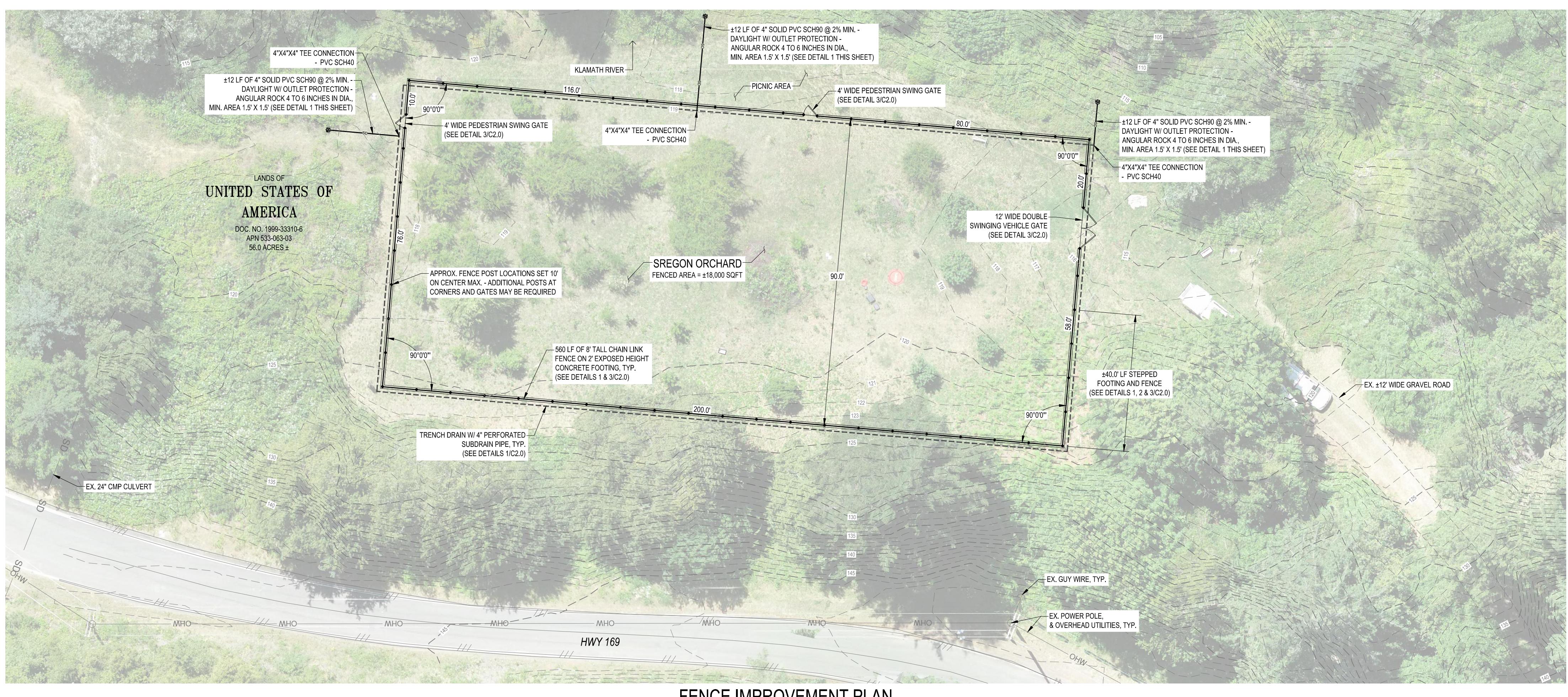
SREGON ORCHARD
TRINITY-KLAMATH, CALIFORNIA

COVER SHEET

JOB NO. 7105.44
DATE SEPTEMBER 2025
DESIGNER XX
CHECKED XX DRAWN XX
SHEET C0.0



LACO
SURVEYORS | ENGINEERS | PLANNERS | GRANT WRITERS
lacoassociates.com



LEGEND

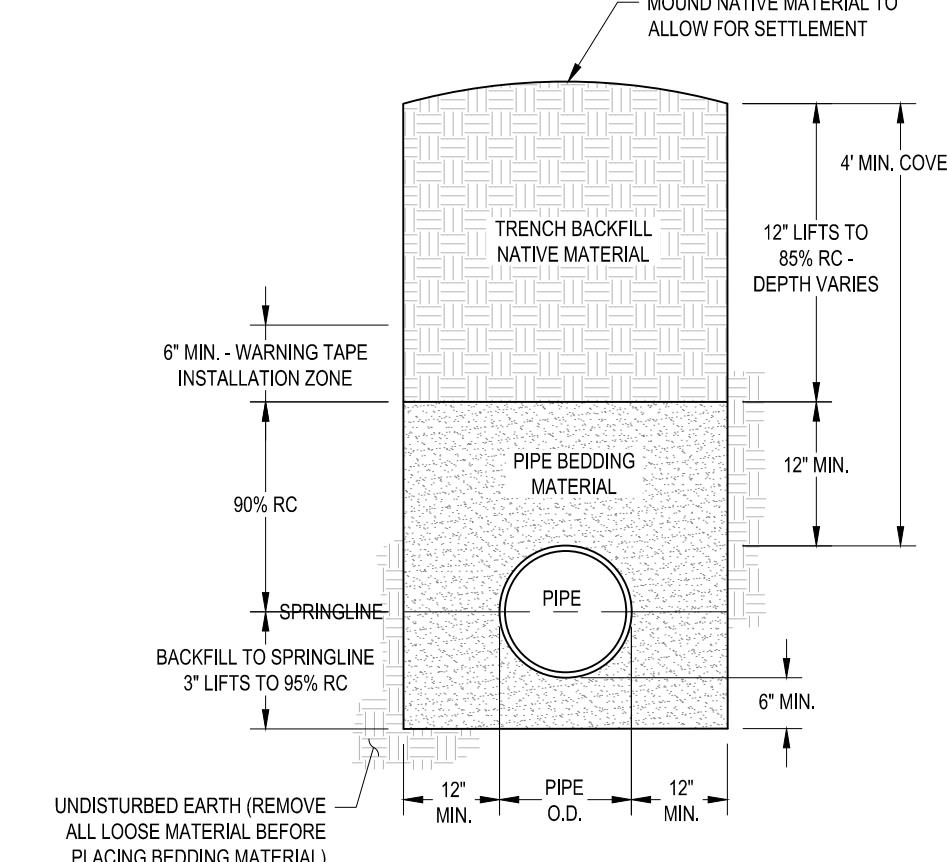
EXISTING MAJOR CONTOUR	-----	80
EXISTING MINOR CONTOUR	-----	79
EXISTING FENCE	X	
EXISTING OVERHEAD POWER	OHW	
EXISTING EDGE OF PAVEMENT	///	
EXISTING EDGE OF DIRT ROAD	---	
FENCE & WALL	---	
SUBDRAIN PIPE	-----	
STORM DRAIN	-----	

DATE	REVISION
NO.	REVISION
5895	



SREGON ORCHARD
TRINITY-KLAMATH, CALIFORNIA
EX. CONDITIONS, DEMO PLAN, & FENCE IMPROVEMENT PLAN

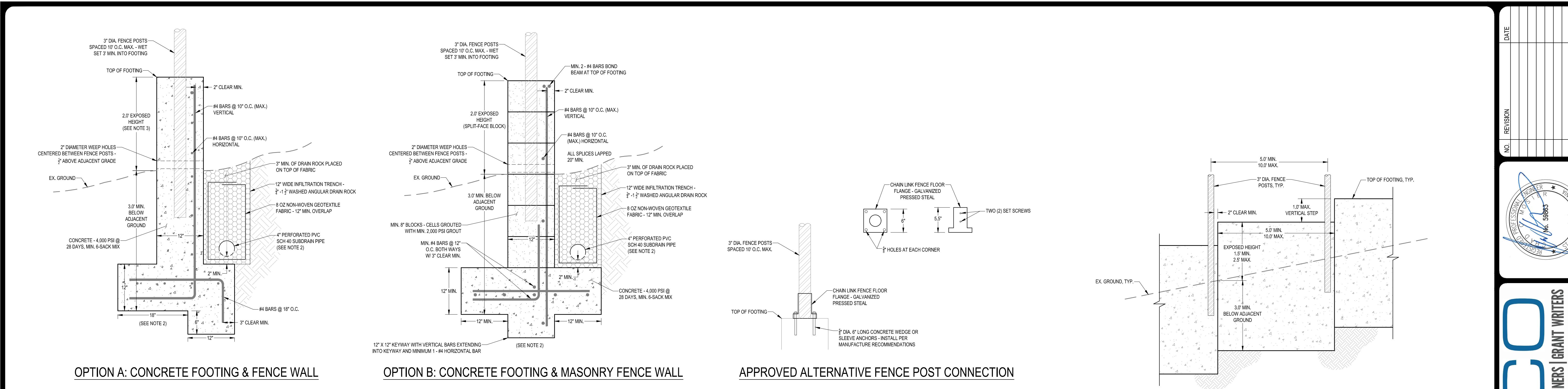
ITEM	UNIT	QUANTITY
EXISTING FENCE & GATE REMOVAL	LF	±577
FENCE FOOTING & WALL (OPTION A OR B)	LF	±560
TRENCH DRAIN W/ 4" PER. PVC SCH 40 PIPE	LF	±586
4" SOLID PVC SCH 40 PIPE W/ OUTLET PROTECTION	LF	±60
8' TALL CHAIN LINK FENCE	LF	±560
4' WIDE PEDESTRIAN SWING GATES	EA	2
12' WIDE DOUBLE SWINGING VEHICLE GATE	EA	1



NOTES:
1. PIPE BEDDING SHALL BE IMPORTED SAND OR CLASS II AGGREGATE BASE.

1 TYPICAL STORM DRAIN TRENCH
N.T.S.

JOB NO. 7105.44
DATE SEPTEMBER 2025
DESIGNER BD
CHECKED CCM DRAWN CMW
SHEET C1.0

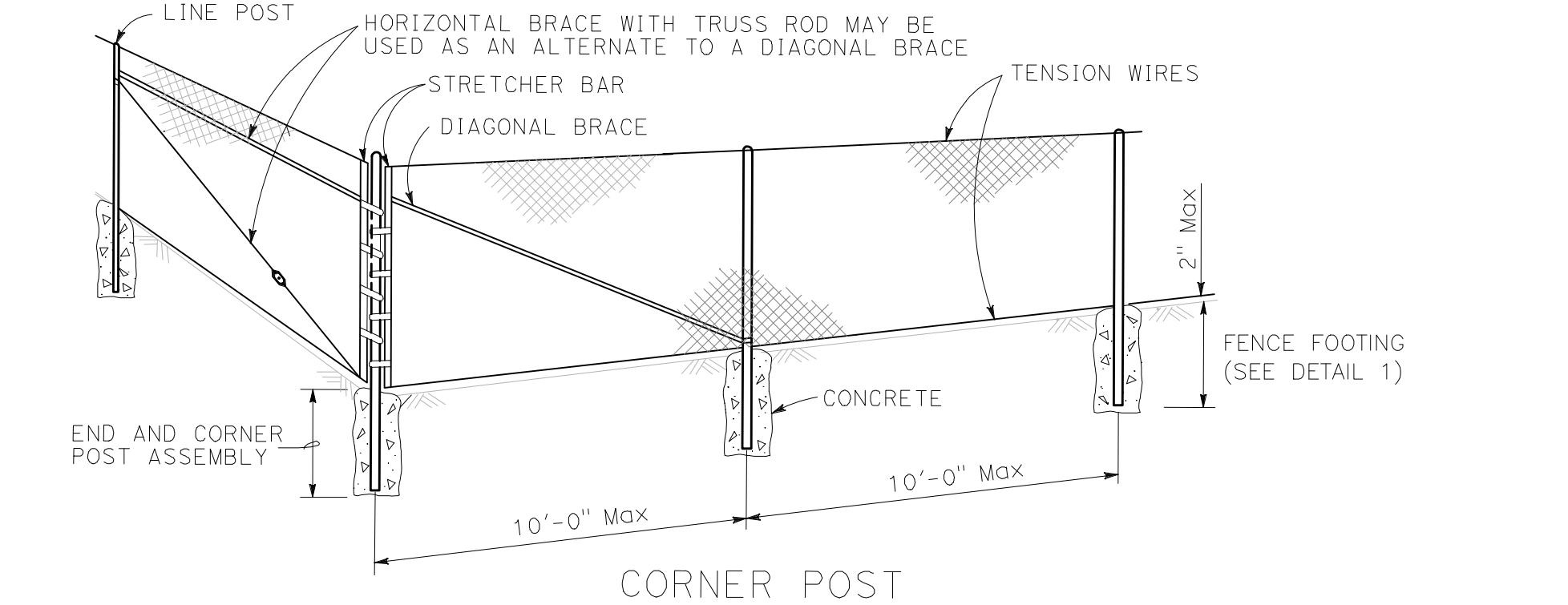


OPTION A: CONCRETE FOOTING & FENCE WALL

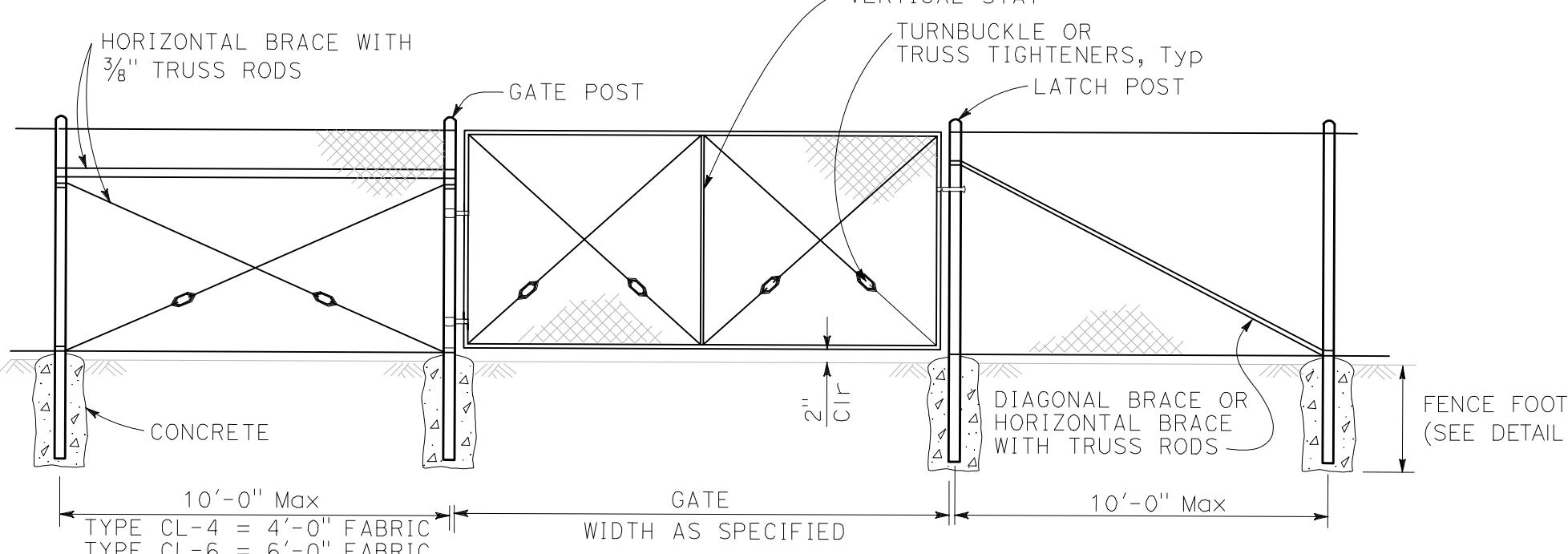
OPTION B: CONCRETE FOOTING & MASONRY FENCE WALL

APPROVED ALTERNATIVE FENCE POST CONNECTION

1 FENCE FOOTING & WALL DETAILS



CORNER POST

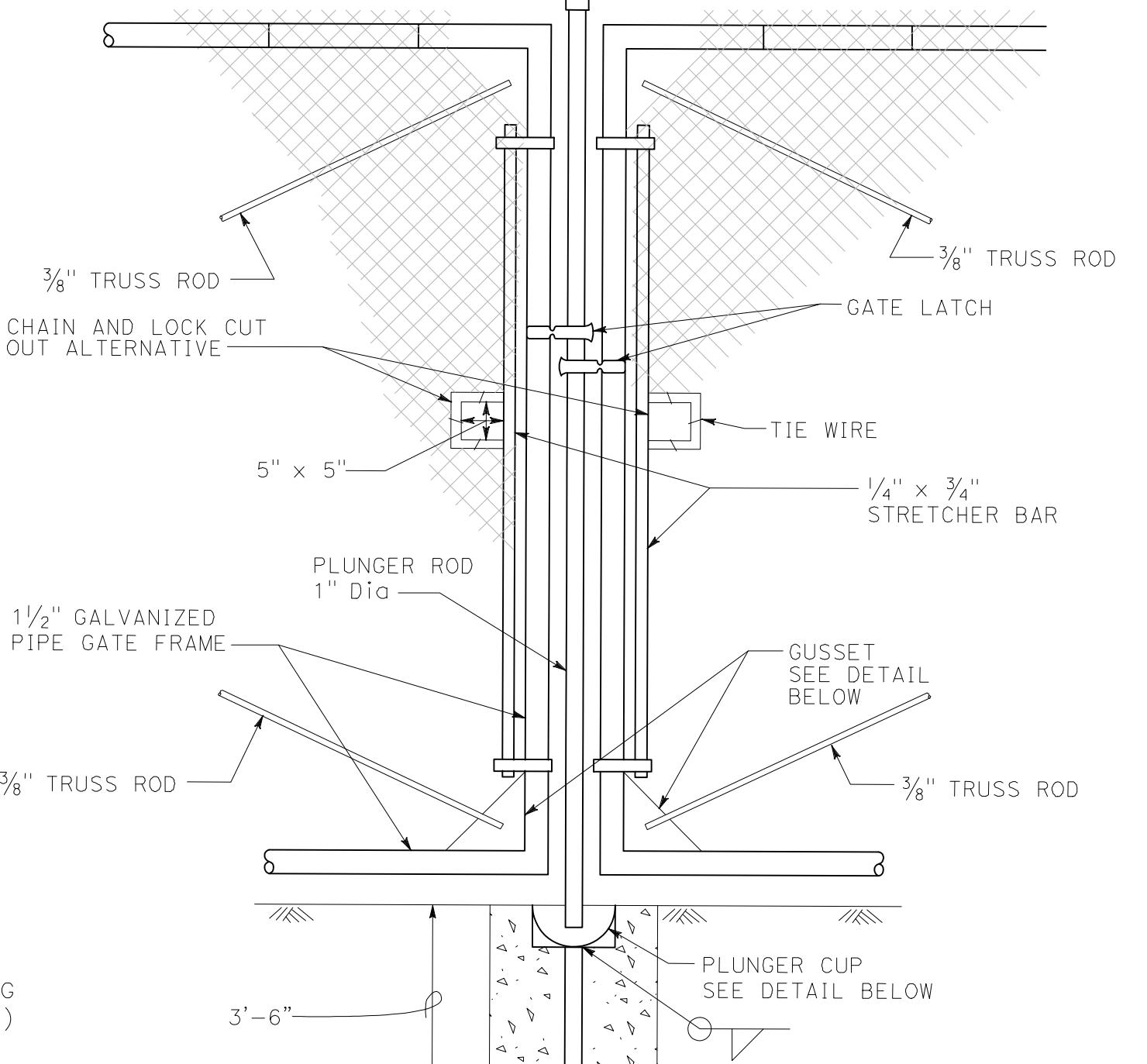


CHAIN LINK GATE INSTALLATION

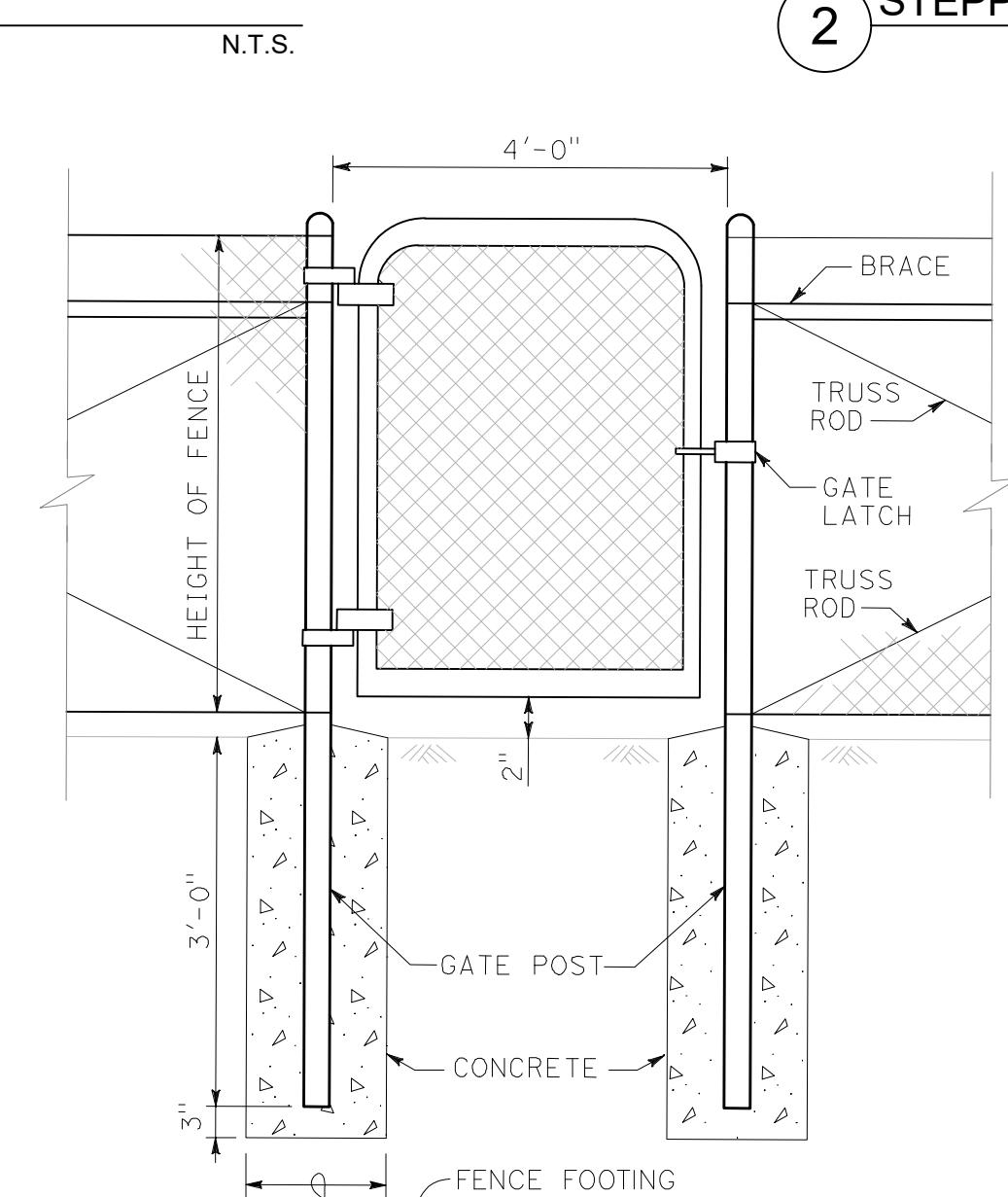
Maximum Gate Width is 12'-0"
Vertical Stay is required in middle of gate greater than 8'-0" in width.

NOTES:
1. SEE CALTRANS 2020 STANDARD PLANS DETAILS A85, A85A, & A85B FOR ADDITIONAL INFORMATION.
2. FENCE HEIGHT SHALL BE 2'-0" ABOVE TOP OF FOOTING.
3. METAL FENCE POSTS SHALL BE MINIMUM 2.88 DIAMETER.
4. METAL FENCE POSTS SHALL BE MINIMUM 3.5" DIAMETER.
5. METAL FENCE POSTS SHALL BE GROUP 1A OR GROUP 1C STANDARDS.
6. CHAIN LINK FENCE SHALL BE 5 GAUGE CHAIN LINK WITH 7 GAUGE TENSION.
7. ADD ALTERNATE 2: CHAIN LINK FENCE SHALL BE VINYL COATED WITH OWNER APPROVED COLOR.

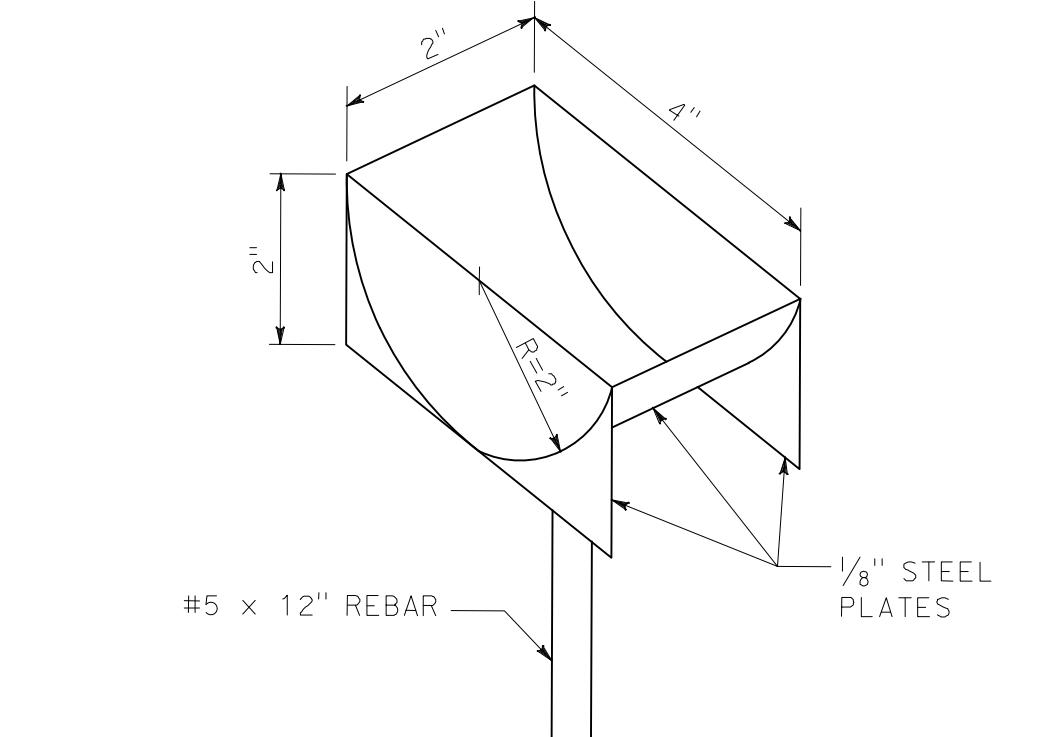
3 CHAIN LINK FENCE DETAILS



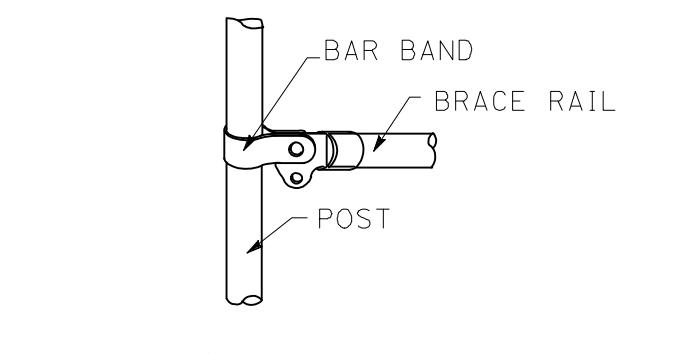
DOUBLE GATE
REMOVABLE CENTER POST
Each gate maximum width is 12'-0"



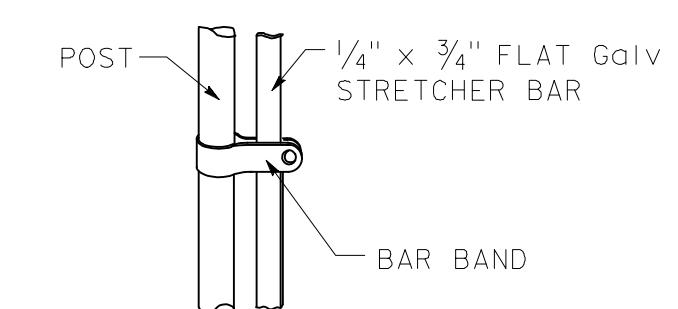
WALK GATE



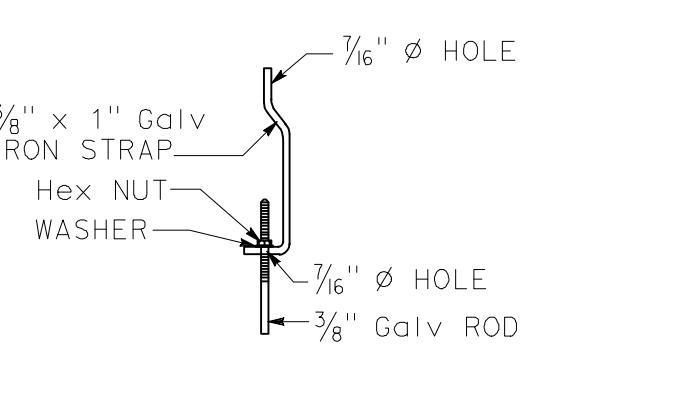
PLUNGER CUP DETAIL



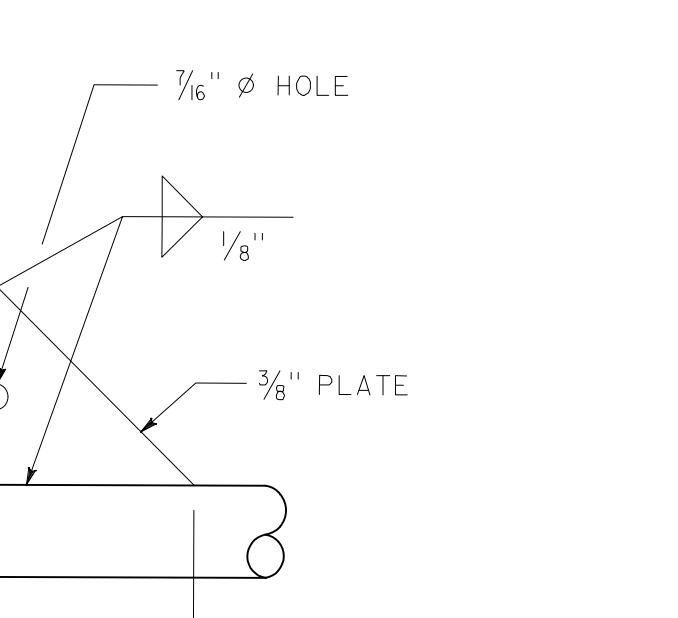
BRACE RAIL



STRETCHER BAR



TRUSS TIGHTENER

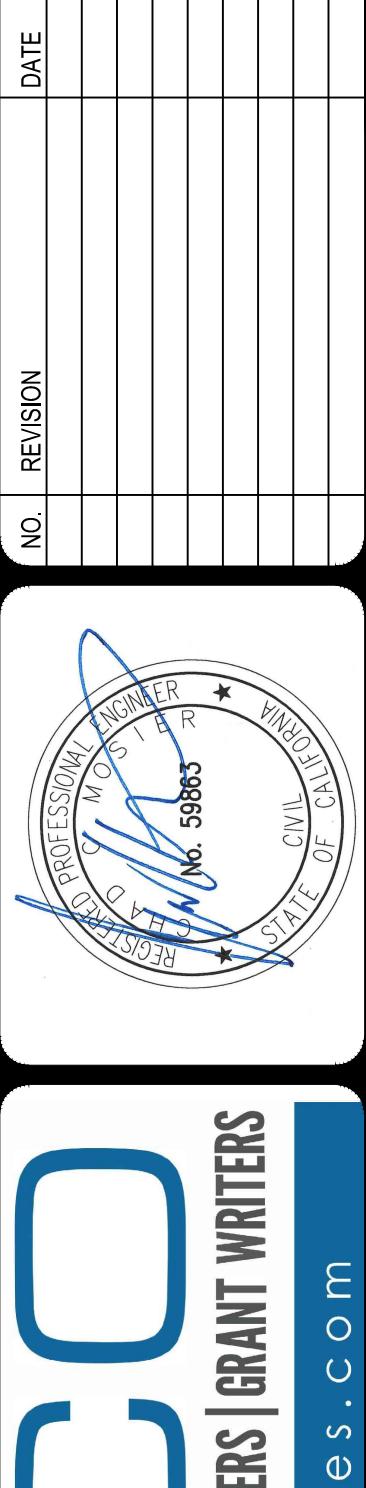


GUSSET DETAIL

SREGON ORCHARD
TRINITY-KLAMATH, CALIFORNIA

CONSTRUCTION DETAILS

JOB NO. 7105.44
DATE SEPTEMBER 2025
DESIGNER BD
CHECKED CCM DRAWN CMW
SHEET C2.0



NAME OF BIDDER: _____

CONTRACT #: _____

PROJECT TITLE: **SREGON ORCHARD FENCE IMPROVEMENTS**

BASE BID					
Item No.	Description	Quantity	Unit of Measure	Unit Price	Total Price
1	Mobilization	1	LS		
2	Existing Fence & Gate Removal	577	LF		
3A	Option A: Concrete Footing & Fence Wall	560	LF		
3B	Option B: Concrete Footing & Masonry Fence Wall	560	LF		
4	Trench Drain with 4" Perf. PVC SCH 40 Pipe	586	LF		
5	4" Solid PVC SCH 40 Pipe W/ Outlet Protection	60	EA		
6	8' Tall Chain Link Fence	530	EA		
7	4' Wide Pedestrian Swing Gate	2	LS		
8	12' Wide Double Swinging Vehicle Gate	1	LS		

TOTAL PRICE: _____

ADD ALTERNATES					
Item No.	Description	Quantity	Unit of Measure	Unit Price	Total Price
1A	Add Alternate 1A: Dyed Concrete	1	LS		
1B	Add Alternate 1B: Stamped Concrete	1	LS		
2	Add Alternate 2: Vinyl Coated Chain Link Fence	1	LS		