



**LOS ANGELES COUNTY
SANITATION DISTRICTS**
Converting Waste Into Resources

CARSON FIELD OFFICE SEWER MAINTENANCE YARD PAVING

PROJECT # 084895.00

321 W SEPULVEDA BLVD, CARSON,
CALIFORNIA 90745

PROJECT TEAM

ENGINEERING

HORIZONS CONSTRUCTION
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PROJECT INFORMATION

FENCING & SITE IMPROVEMENTS AND NEW ASPHALT ROADWAY.

DEFINITION

A. A FENCE IS A STRUCTURE THAT ENCLOSES AN AREA, TYPICALLY OUTDOORS, AND IS USUALLY CONSTRUCTED FROM POSTS THAT ARE CONNECTED BY BOARDS, WIRE, RAILS OR NETTING.[1] A FENCE DIFFERS FROM A WALL IN NOT HAVING A SOLID FOUNDATION ALONG ITS WHOLE LENGTH.[2]

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GENERAL DEMOLITION NOTES

- 1 -DEMOLITION CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION MEASURES TO SAFEGUARD THE PUBLIC DURING CONSTRUCTION ACTIVITIES.
- 2- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES TO SAFEGUARD AGAINST THE INTERRUPTION OF SERVICES TO THE PUBLIC.
- 3- OWNER HAS FIRST RIGHT OF REFUSAL OF ALL SALVAGEABLE ITEMS. ALL EXISTING PERSONAL PROPERTY TO BE REMOVED BY OTHERS PRIOR TO DEMOLITION. ALL REMAINING ITEMS ARE THE PROPERTY OF THE OWNER. GENERAL CONTRACTOR SHALL COORDINATE WITH OWNER THE SALVAGE OF FIXTURES, FURNISHINGS, DOORS & MISCELLANEOUS EQUIPMENT.
- 4- WHILE AN ATTEMPT HAS BEEN MADE TO SHOW THE ITEMS TO BE REMOVED, IT IS THE RESPONSIBILITY OF THE VARIOUS CONTRACTORS TO CONDUCT ON-SITE EXAMINATIONS AND FAMILIARIZE THEMSELVES WITH THE ACTUAL SITE CONDITIONS. ADDITIONAL ITEMS, NOT SHOWN TO BE REMOVED, INTERFERING WITH THE COMPLETE REMOVAL OF THE EXISTING BUILDING, SHALL BE REMOVED WITHOUT ADDITIONAL COST TO THE OWNER.
- 5- CARE SHOULD BE EXERCISED IN THE REMOVAL OF WORK TO PREVENT THE RELEASE OF TOXIC SUBSTANCES. SHOULD TOXIC SUBSTANCES, SUCH AS ASBESTOS BE ENCOUNTERED, THE OWNER AND ARCHITECT SHALL BE NOTIFIED. UPON AUTHORIZATION, THE DISPOSAL OF SAME SHALL CONFORM TO ALL GOVERNING CODES AND REGULATIONS. DISPOSAL SHALL BE DONE ONLY BY CONTRACTORS LICENSED FOR THIS WORK.
- 6- DURING DEMOLITION AND CONSTRUCTION OPERATIONS, PROVIDE ALL NECESSARY PROTECTION AND SAFE PASSAGE FOR THE PUBLIC. SUCH AS BUT NOT LIMITED TO: BARRICADES, TEMPORARY PARTITIONS, DUST BARRIERS, SIGNS, ETC. ERECT AND MAINTAIN THESE BARRIERS TO THE SATISFACTION OF THE OWNER AND ARCHITECT AND ALL APPLICABLE RULES AND REGULATIONS.
- 7- CONTRACTOR SHALL TAKE PRECAUTIONS AS TO MINIMIZE DAMAGE TO ITEMS TO REMAIN,, INCLUDING ALL UTILITIES. DURING DEMOLITION AND CONSTRUCTION OPERATIONS,
- 8- COORDINATE CONSTRUCTION TIMING, MOVEMENT OF CONSTRUCTION MATERIALS AND STORAGE OF REFUSE CONTAINERS WITH THE OWNER.

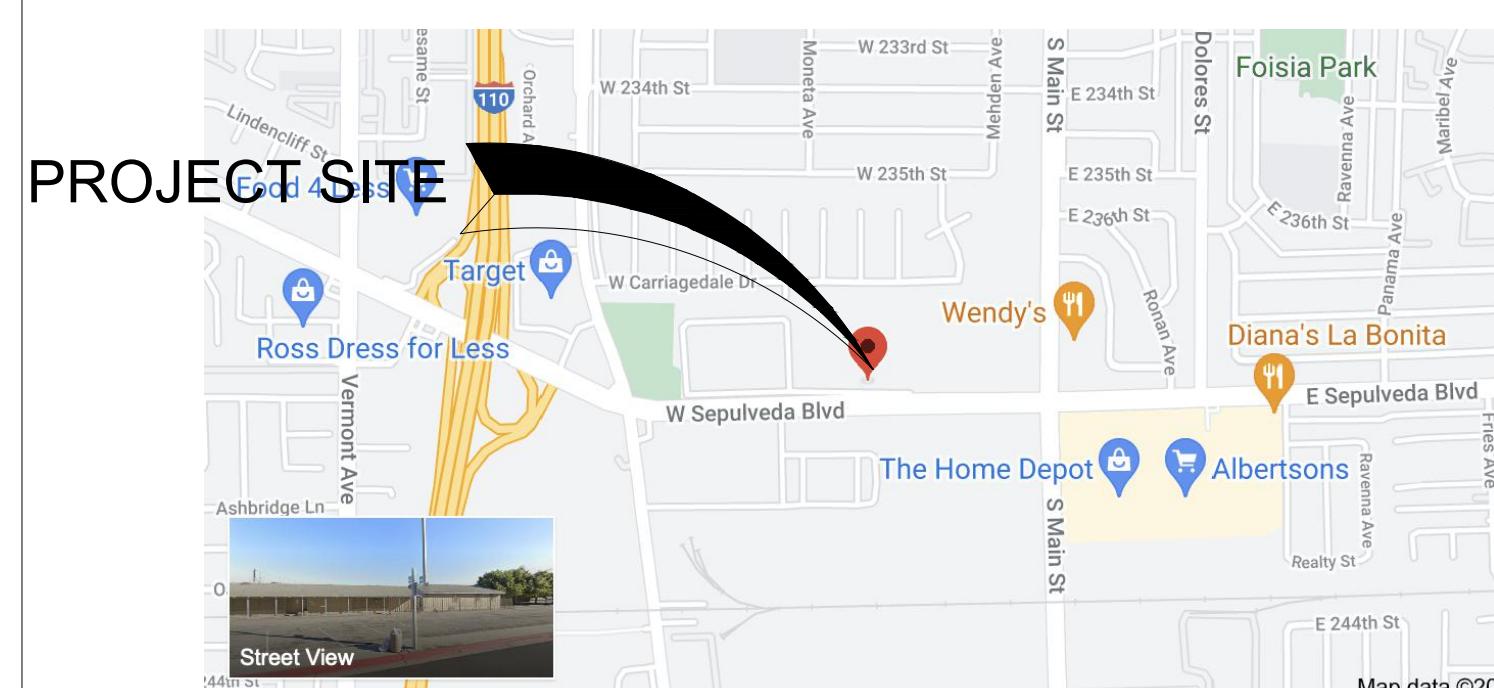
FIRE DEPARTMENT NOTES:

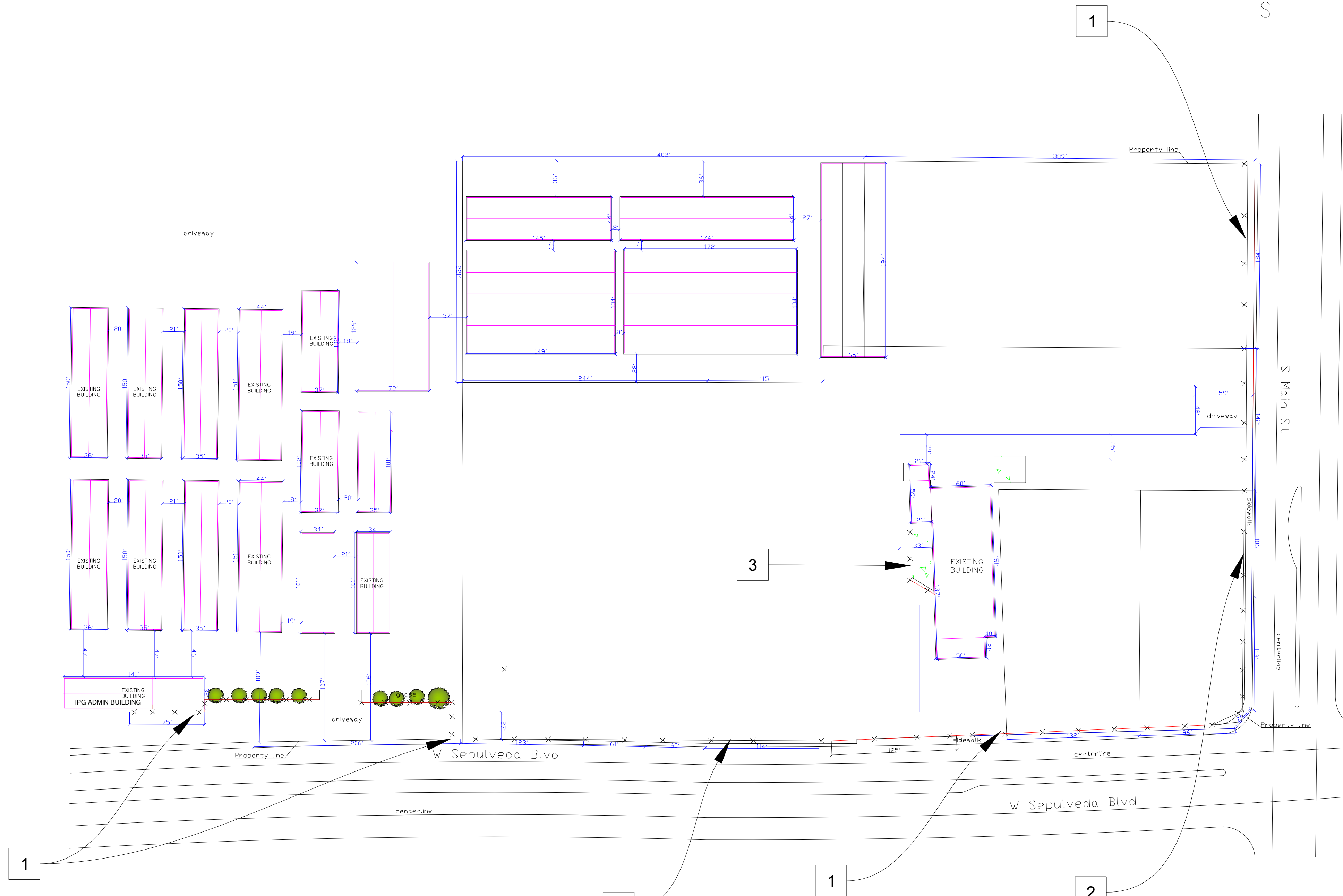
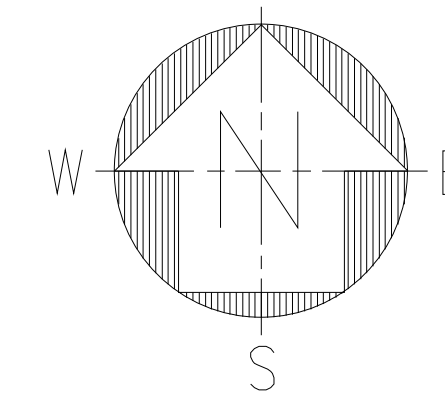
GENERAL GUIDELINES
OUTDOOR SPACES CREATED ON PUBLIC PROPERTY MUST HAVE AN ENCROACHMENT PERMIT. OUTDOOR SPACES ON PRIVATE PROPERTY NEED TO OBTAIN PERMISSION FROM THE PROPERTY OWNER, FOLLOW THESE GUIDELINES AND OBTAIN ASSOCIATED BUILDING OR FIRE PERMITS WHEN REQUIRED FROM THE APPROPRIATE BUILDING OR FIRE CODE OFFICIAL. THE FIRE CODE OFFICIAL MUST ISSUE A PERMIT AND INSPECT TENTS, CANOPIES AND MEMBRANE STRUCTURES COVERING AN AGGREGATE AREA OF 400 SQUARE FEET OR MORE OR DESIGNED TO BE USED BY 10 OR MORE PEOPLE. TENTS, CANOPIES AND MEMBRANE STRUCTURES SHALL HAVE A FIRE-RESISTANT CERTIFICATION OR FLAME CERTIFICATION SHOWING MATERIAL IS IN COMPLIANCE WITH EITHER CALIFORNIA STATE FIRE MARSHAL WITH APPROVED SEAL OR MEETS NFPA 701 FLAME RETARDANT STANDARDS. TENTS, CANOPIES AND MEMBRANE STRUCTURES SHALL NOT BE INSTALLED WITHIN 5 FEET OF BUILDINGS UNLESS APPROVED BY THE FIRE CODE OFFICIAL. IF HEATING DEVICES WILL BE USED UNDER TENTS, CANOPIES OR MEMBRANE STRUCTURES THE FIRE CODE OFFICIAL MUST INSPECT THE TENT, CANOPY OR MEMBRANE STRUCTURE. THE USE OF PROPANE HEATERS REQUIRES A PERMIT FROM THE FIRE CODE OFFICIAL. A BUILDING PERMIT FROM THE BUILDING DEPARTMENT IS REQUIRED FOR CANOPIES CONSTRUCTED OF OTHER THAN METAL FRAMES AND FABRIC MEMBRANE COVERING. THE LAYOUT OR A DIAGRAM OF OUTDOOR TENT, CANOPY OR MEMBRANE STRUCTURE MUST BE SHOWN ON THE ENCROACHMENT AND/OR TENT PERMIT APPLICATIONS. TENTS, CANOPY AND MEMBRANE STRUCTURE INSTALLATIONS SHALL NOT OBSTRUCT FIRE APPARATUS ACCESS TO EXISTING BUILDINGS OR FIRE PROTECTION APPURTENANCES (E.G., FIRE HYDRANTS, FDC'S, ETC.). AREAS OPEN TO THE PUBLIC UNDER TENTS, CANOPIES AND MEMBRANE STRUCTURES MUST BE MADE ACCESSIBLE TO INDIVIDUALS WITH DISABILITIES. THE MINIMUM CLEAR HEAD CLEARANCE UNDER A TENT, CANOPY OR MEMBRANE STRUCTURE IS 80 INCHES.

APPLICABLE CODES

- 2019 CALIFORNIA BUILDING CODE (CBC) / 2018 INTERNATIONAL BUILDING CODE (IBC)
- 2019 CALIFORNIA EXISTING BUILDING CODE (CEBC) / 2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
- 2019 CALIFORNIA HISTORICAL BUILDING CODE (CHBC)
- 2019 CALIFORNIA RESIDENTIAL CODE (CRC) / 2018 INTERNATIONAL RESIDENTIAL CODE (IRC)
- 2019 CALIFORNIA ELECTRICAL CODE (CEC) / 2017 NATIONAL ELECTRICAL CODE (NEC)
- 2019 CALIFORNIA MECHANICAL CODE (CMC) / 2018 UNIFORM MECHANICAL CODE (UMC)
- 2019 CALIFORNIA PLUMBING CODE (CPC) / 2018 UNIFORM PLUMBING CODE (UPC)
- 2019 CALIFORNIA GREEN BUILDINGS STANDARDS CODE (CALGREEN)
- 2019 CALIFORNIA ENERGY CODE

VICINITY MAP





NOTE
 145 FT OF CHAIN LINK TO BE DEMOLISHED & REPLACED WITH WROUGHT IRON ON WEST SIDE OF IPG ADMIN BUILDING NOT SHOWN ON PLANS, REPLACE USE THE SAME DETAILS ON THIS PLANS

DEMO SITE PLAN

GENERAL NOTES

1. THE CONTRACTOR IS TO ACCEPT FULL RESPONSIBILITY FOR THE STABILITY AND STRUCTURAL INTEGRITY OF THE EXISTING STRUCTURES WITHIN AND ADJACENT TO THE WORKS.
2. THE CONTRACTOR SHALL SUBMIT, AND HAVE AGREED WITH THE ENGINEER, HIS PROPOSALS FOR TEMPORARY SUPPORTS AND METHOD OF WORKING. THESE ARE TO INCLUDE ALL NECESSARY CALCULATIONS IF REQUIRED.
3. ALL NEW OPENINGS ARE TO BE FORMED BY CAREFULLY SAW-CUTTING. ALL DEFECTIVE MASONRY OR CONCRETE WORK IS TO BE REPAIRED OR RE-BUILT AS NECESSARY WITH ALL NEW MASONRY BEING BONDED IN AT JUNCTIONS WITH OTHER WALLS.
5. NO VARIATION IN THE STRUCTURAL DETAILS SHOWN ON THESE DRAWINGS WILL BE PERMITTED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.

DEMOLITION NOTES

- 1 REMOVE EXISTING CHAINLINK FENCE TO ALLOW FOR NEW FENCE INSTALLATION.
- 2 EXISTING CHAINLINK FENCE PROTECT IN PLACE
- 3 LOCATE 60' OF EXISTING CHAINLINK ENCLOSURE AND REMOVE POSTS, PANES, AND FOOTINGS.

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SHEET TITLE
 TITLE SHEET

GENERAL NOTES

NO PAVING CONSTRUCTION SHALL BE PERFORMED UNTIL ALL UNDERGROUND UTILITIES WITHIN THE RIGHT-OF-WAY HAVE BEEN COMPLETED.

THE BASE COURSE WILL NOT BE PLACED ON SUBGRADE UNTIL BASE REQUIREMENTS HAVE BEEN COMPLETED AND ACCEPTED BY THE PROJECT ENGINEER.

GUTTERS WILL BE WATER TESTED IN THE PRESENCE OF THE PROJECT ENGINEER TO INSURE PROPER DRAINAGE PRIOR TO FINAL APPROVAL.

THE EXACT POINT OF PAVEMENT MATCHING FOR TERMINATION AND OVERLAY MAY BE DETERMINED IN THE FIELD

ALL COMPACTION UNDER PAVEMENT AREAS SHALL BE PERFORMED ACCORDING TO MAG SPECIFICATIONS AND AT 0 TO 5 PERCENT BELOW OPTIMUM MOISTURE CONTENT.

ALL STREET SECTIONS, EXCEPT ARTERIALS, SHALL HAVE INSTALLED A PRESERVATIVE SEAL COAT PER MAG STANDARD SPECIFICATION 334 AND SHALL BE EMULSIFIED ASPHALT GRADE SS-1H PER MAG STANDARD SPECIFICATION 713.

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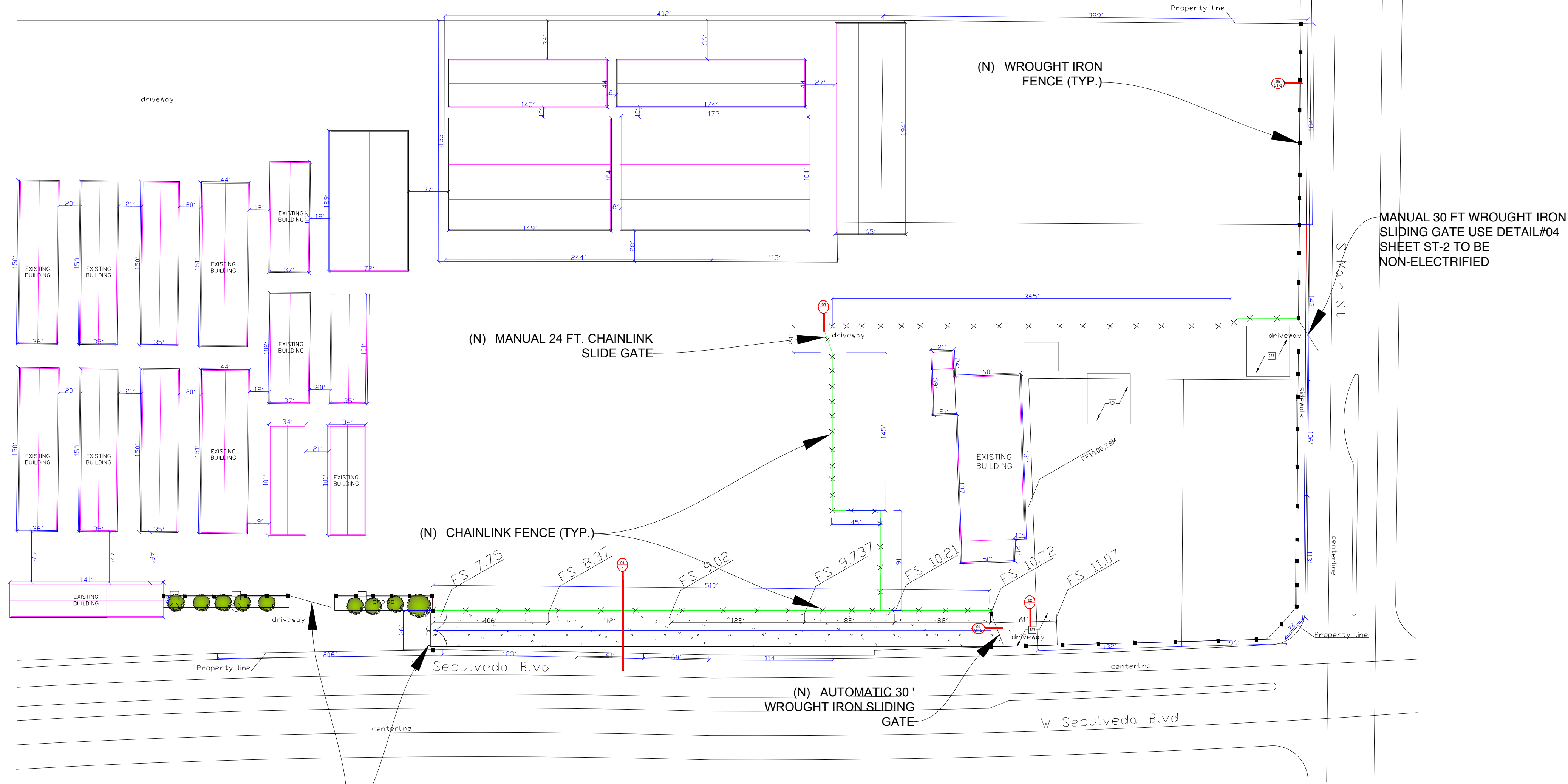
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SITE PLAN NOTES

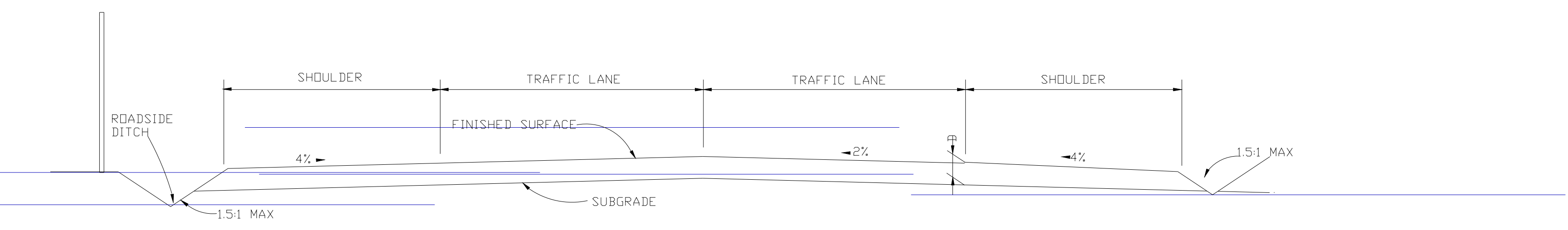
- 1 MANUAL 30 FT WROUGHT IRON SWING GATE
- 2 EXISTING CHAINLINK FENCE PROTECT IN PLACE
- 3 LOCATE 60' OF EXISTING CHAINLINK ENCLOSURE AND REMOVE POSTS, PANES, AND FOOTINGS.
- 1D PAVEMENT PATCH & REPLACEMENT AT DAMAGES AS REQUIRED

- FS 11.07 EX. FINISH SURFACE
- FS 7.75 PROPOSED FINISH SURFACE
- FF 10.00, TBM TEMPORARY BENCHMARK

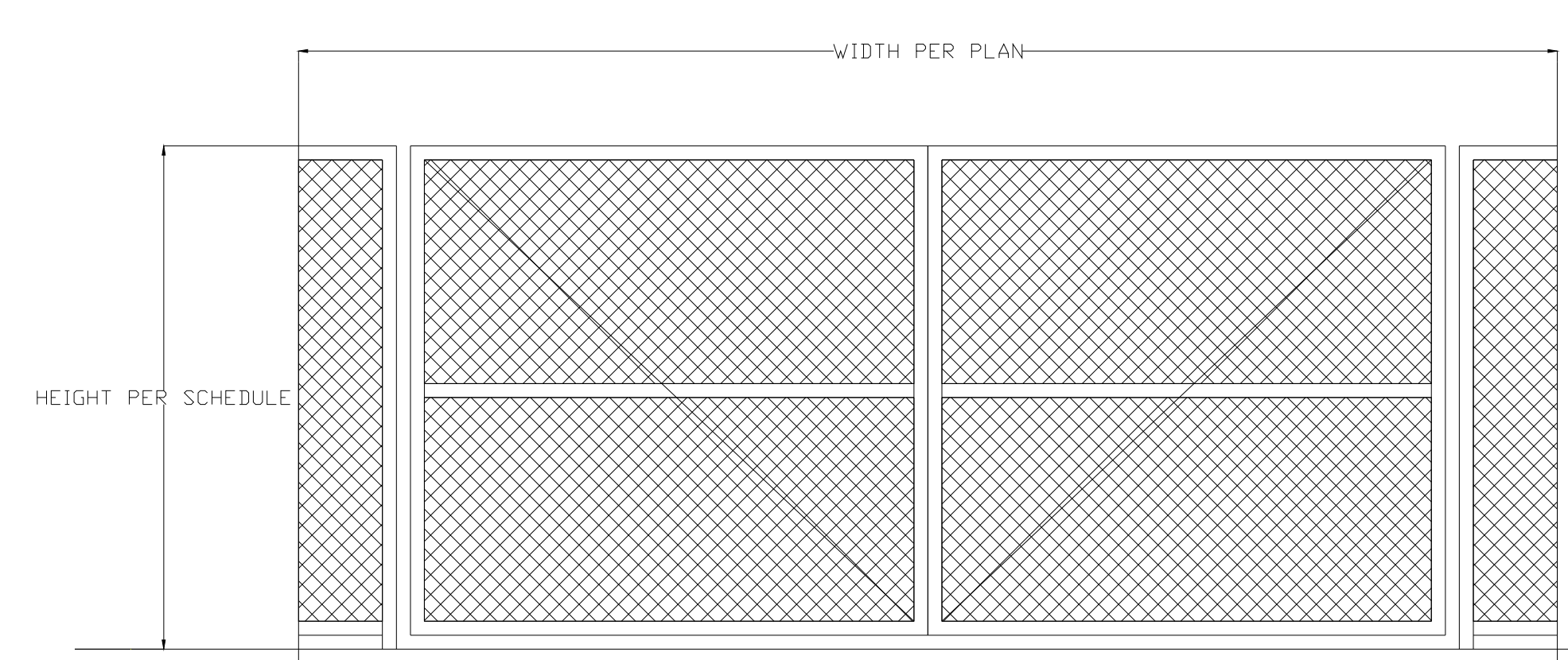


PROPOSED SITE PLAN

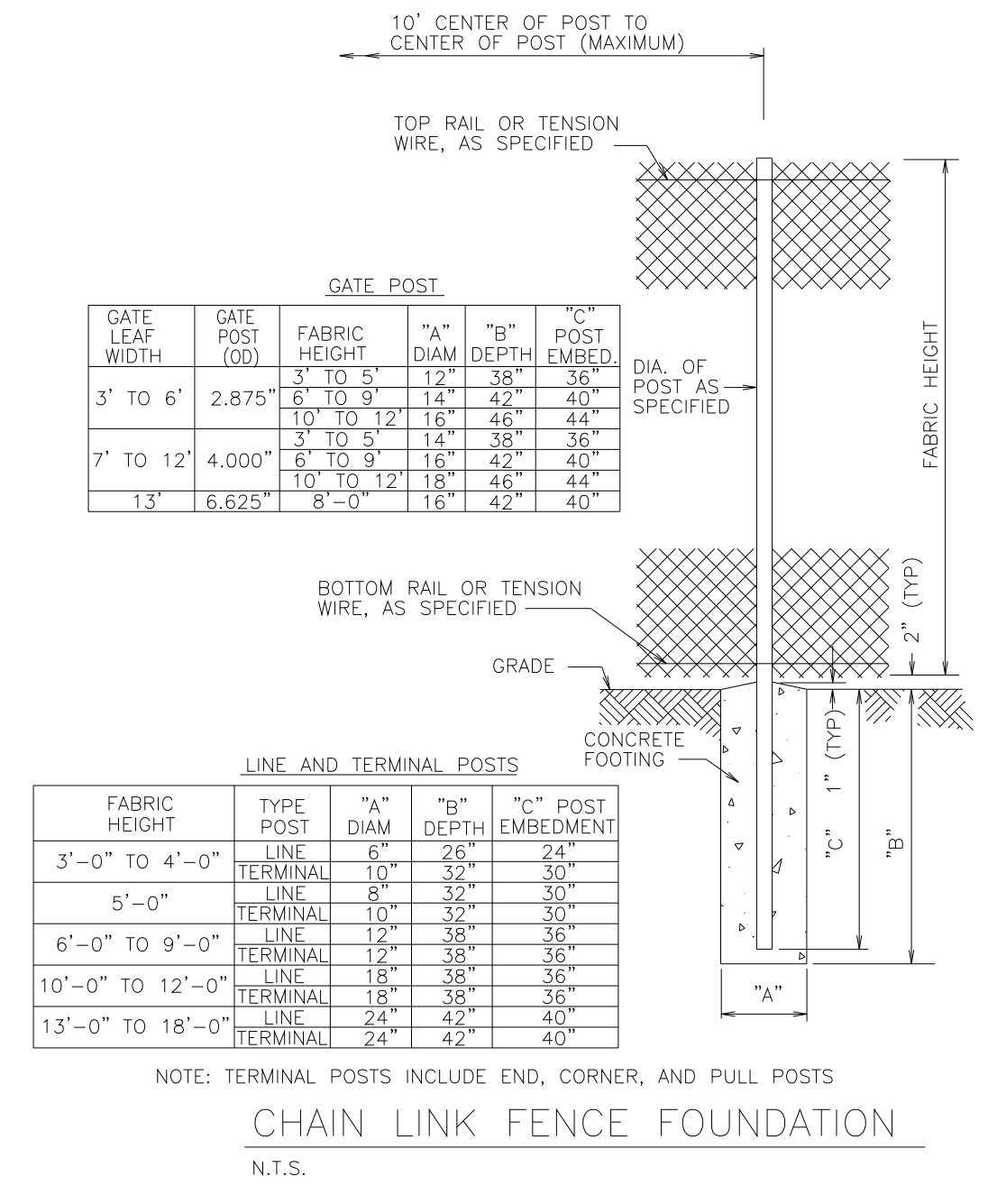
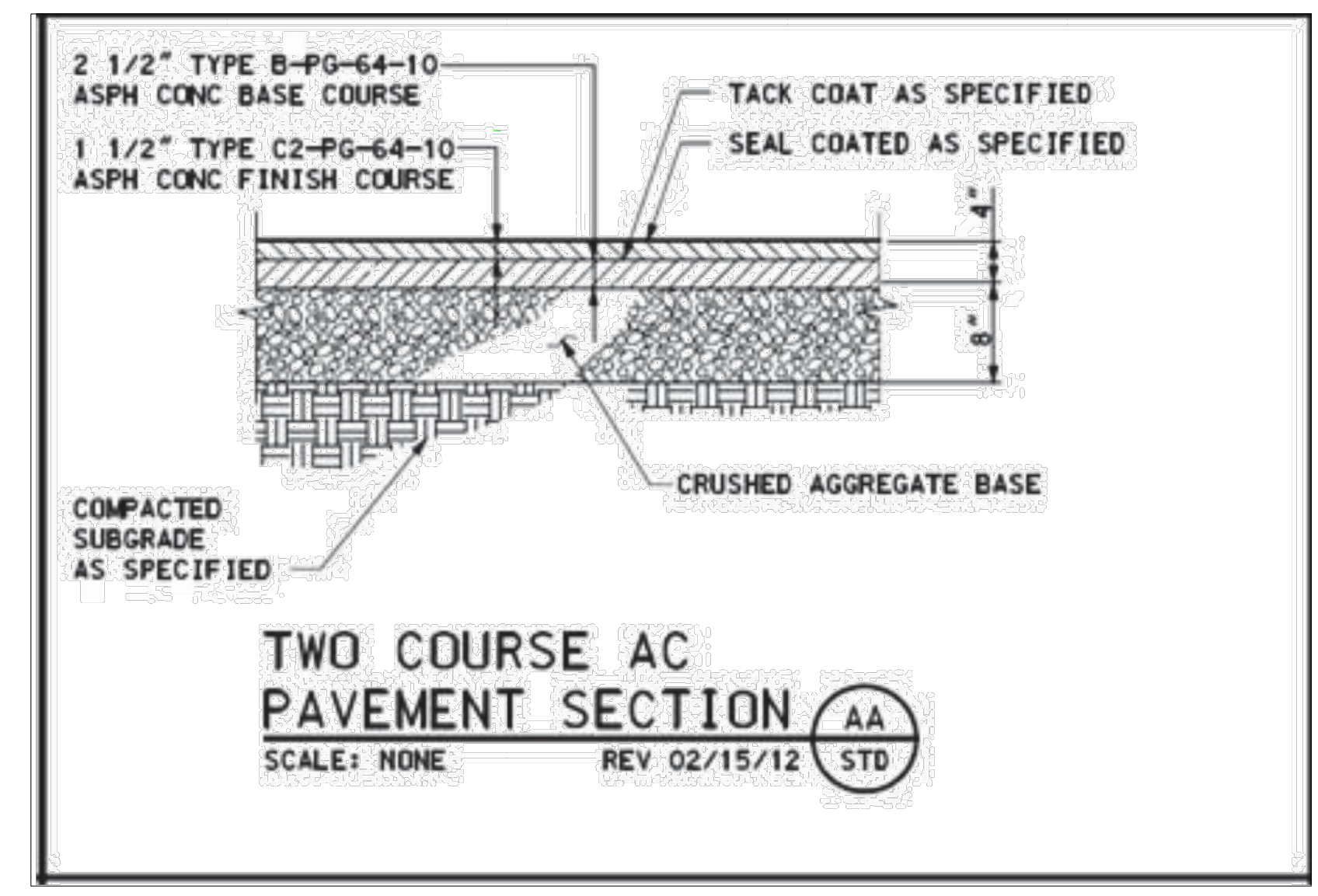
MANUAL 30 FT WROUGHT IRON SLIDING GATE USE DETAIL#04 SHEET ST-2 TO BE NON-ELECTRIFIED



01 TWO LANE RURAL ROAD GRADIENT RISE



03 MANUAL CHAINLINK DOUBLE SWING GATE



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ST-1

Gate Notes

Electric operated with (1) 1.25 HP AC Motor with mouse proof enclosures see specifications

Provide gate motor w/ adjustable automatic timed gate enclosing device

All gate operator and safety functions shall comply with UL 325 (no exceptions).

All Gate Steel shall be 0.12 thk min.

If gate is too large for galv. then provide cold galv galvanization and ground all weld smooth

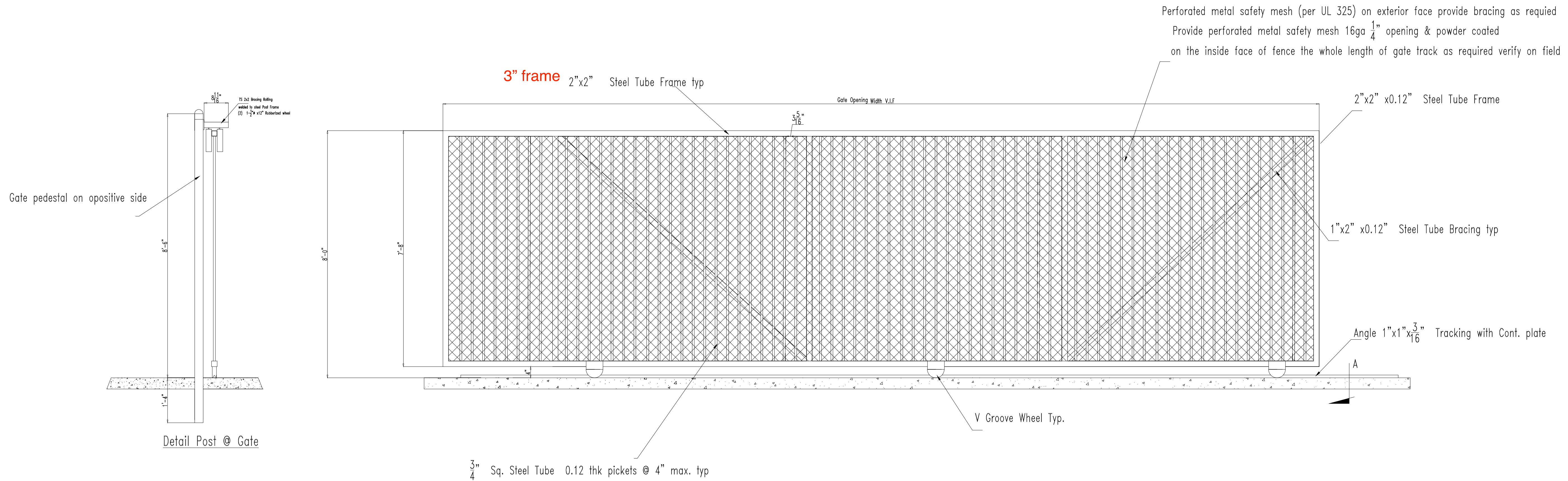
All gate components shall be power polyester coated, use two coat system, primer & powder coat with black mate finish.

Provide knock key switch as required contracto9r to obtain order form from the riverside county fire department

Gate pins shal be rated with shear pin force not exceed 30 foot pound.

No field welding

Install (2) two per gate 12ga engineer grade reflective aluminum (85"x11") UL 325



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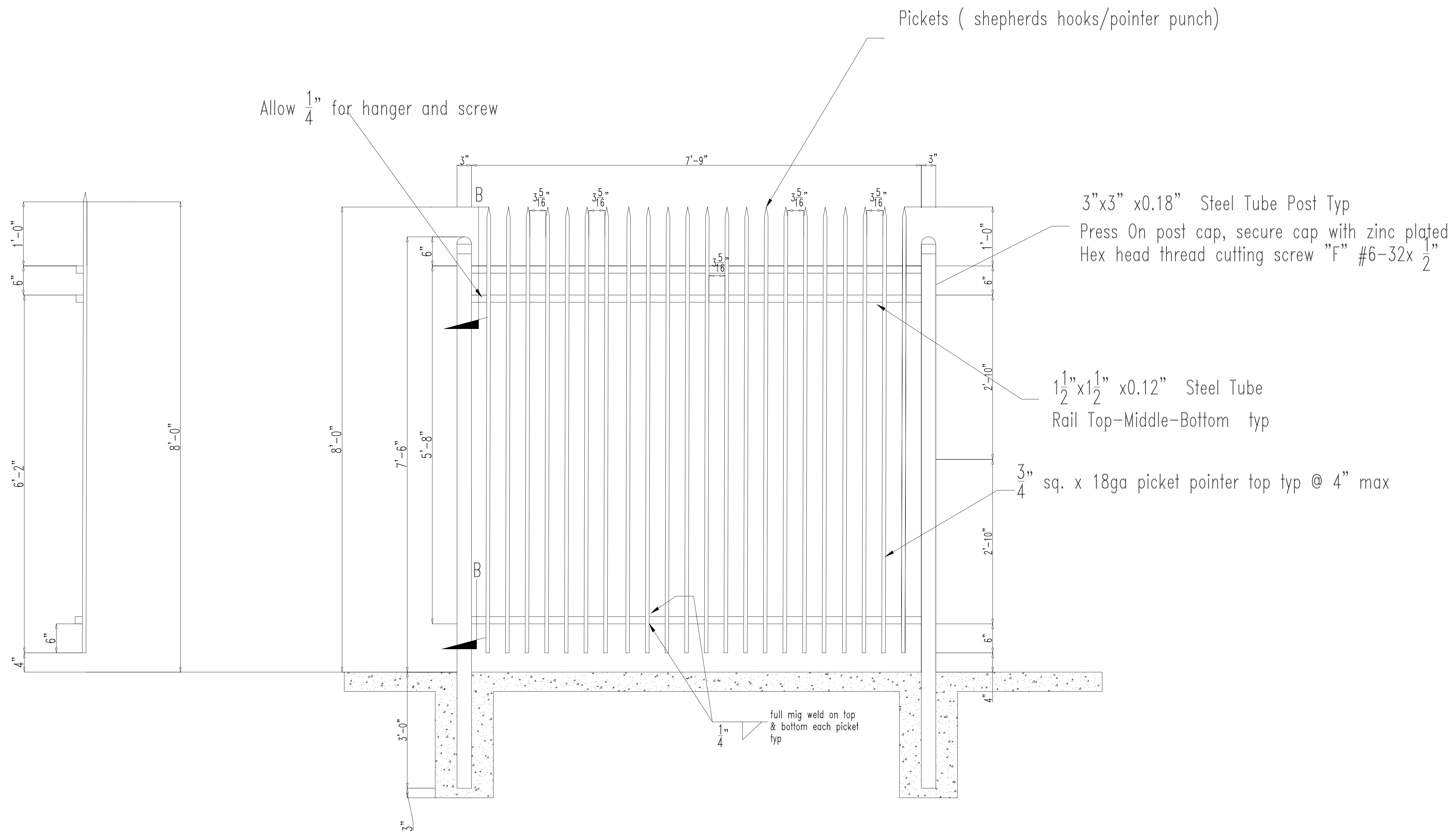
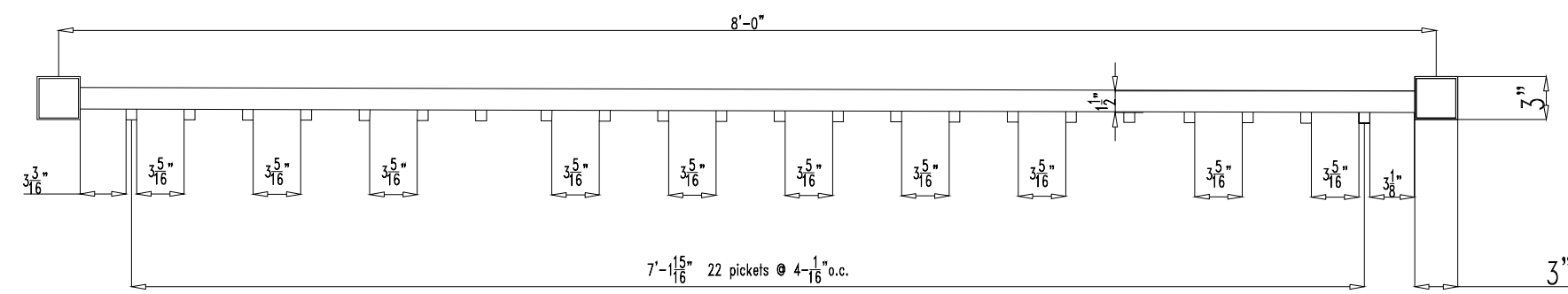
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ST-2

04 AUTOMATIC SLIDING GATE
DETAIL



Pickets (shepherds hooks/pointer punch)

Allow $\frac{1}{4}$ " for hanger and screw

3"x3" x0.18" Steel Tube Post Typ

Press On post cap, secure cap with zinc plated Hex head thread cutting screw "F" #6-32x $\frac{1}{2}$ "

$1\frac{1}{2}$ "x $1\frac{1}{2}$ " x0.12" Steel Tube Rail Top-Middle-Bottom typ

$\frac{3}{4}$ " sq. x 18ga picket pointer top typ @ 4" max

$\frac{1}{4}$ " full mig weld on top & bottom each picket typ

05 WROUGHT IRON FENCE PANEL
DETAIL

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ST-3