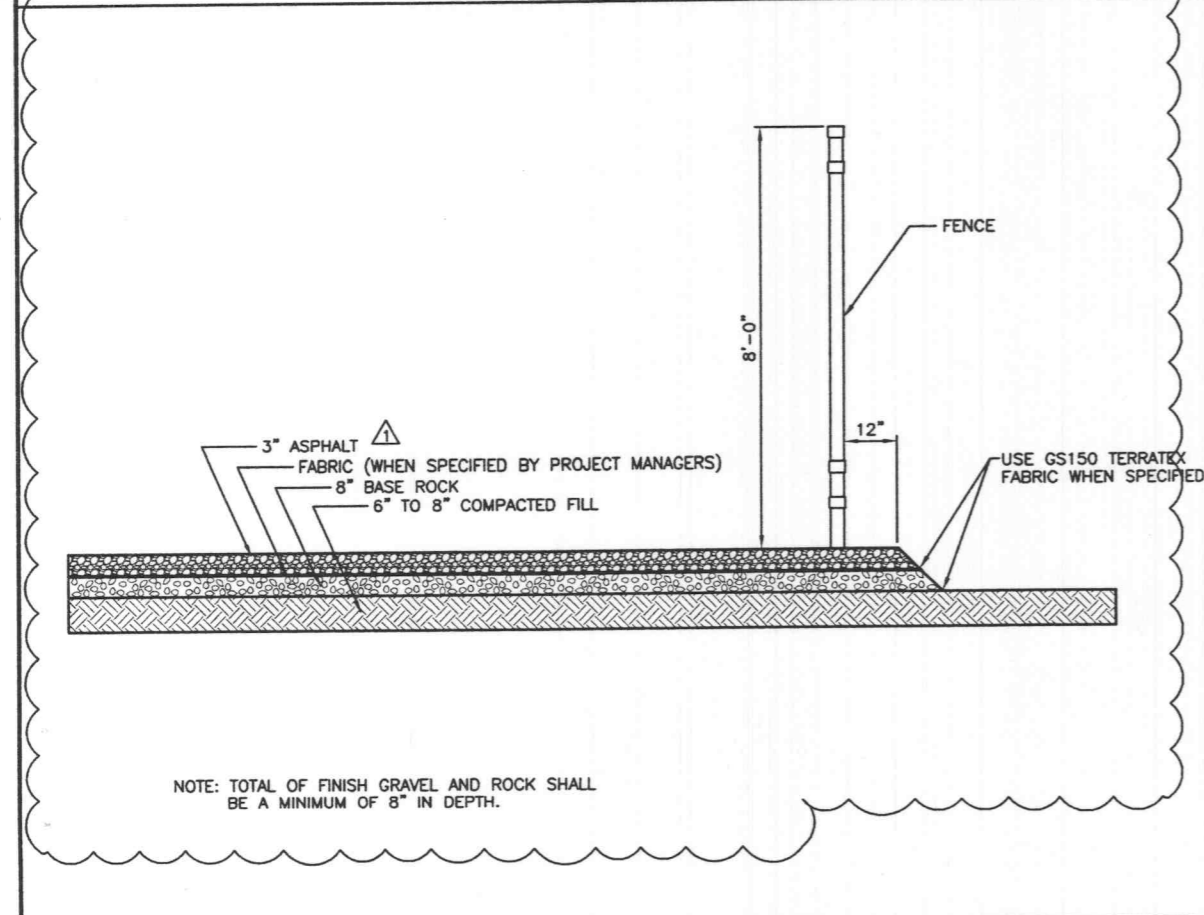


3" ASPHALTIC PAVING

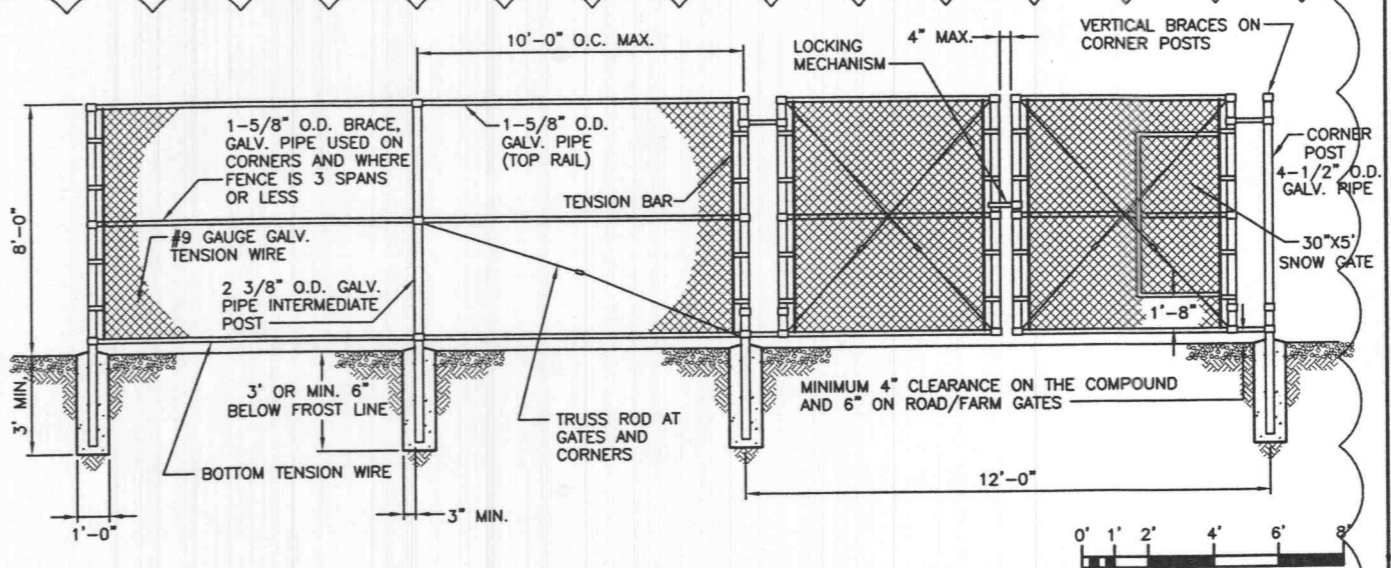
2



NOTE: TOTAL OF FINISH GRAVEL AND ROCK SHALL BE A MINIMUM OF 8" IN DEPTH.

TYPICAL GRADE FINISH ON SITE

3



1. SCOPE:
 - 1.1 THIS SECTION COVERS THE REQUIREMENTS FOR THE MATERIALS AND THE CONSTRUCTION OF SITE FENCING, GUY AREA FENCING, ACCESS ROAD GATES AND CATTLE GUARDS. SEE SITE PLAN AND DRAWING FOR DETAILS.
2. SPECIAL REQUIREMENTS:
 - 2.1 ALL WIRE, FABRIC, FITTINGS, HARDWARE AND STEEL MEMBERS USED FOR SITE AREA FENCING, GUY ANCHOR FENCING AND ACCESS ROAD GATES SHALL BE HOT DIPPED GALVANIZED OR OTHER APPROVED NON-CORROSIVE MATERIAL.
 - 2.2 ALL NON-CORROSIVE MATERIAL SHALL BE APPROVED BY THE USCC PROJECT MANAGER.
 - 2.3 ANY DAMAGE TO GALVANIZING OR NON-CORROSIVE COATING DURING CONSTRUCTION SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S RECOMMENDED METHODS.
- USCC INSTALLATION PRACTICE:
 3. FENCE POSTS:
 - 3.1 LOCATION OF CORNER POSTS SHALL BE DETERMINED FROM STAKES AND PROPERTY PINS INSTALLED BY THE REGISTERED LAND SURVEYOR UNDER CONTRACT TO USCC. IF THE STAKES ARE NOT PRESENT OR DO NOT CONFORM TO THE SITE PLAN, CONSULT WITH THE USCC PROJECT MANAGER.
 - 3.2 CORNERS AND GATE POST FOR SITE SHALL BE 4" (INSIDE DIA.) GALVANIZED PIPE. LINE POST SHALL BE 2 3/8" (OUTSIDE DIA.) GALVANIZED PIPE.
 - 3.3 CORNER POSTS SHALL BE SET WITHIN ONE INCH (1") OF DIMENSIONS INDICATED ON THE SITE PLAN.
 - 3.4 FENCE POSTS SHALL BE VERTICALLY PLUMB IN ALL PLANES WITHIN 1/2 INCH (1/2").
 - 3.5 CORNER POST FOUNDATIONS SHALL BE A MINIMUM THREE FEET (3') DEEP OR SIX INCHES (6") BELOW THE FROST LINE, WHICHEVER IS GREATER, WITH MINIMUM THREE INCH (3") CLEARANCE BETWEEN BOTTOM OF POST AND BOTTOM OF THE HOLE.
 - 3.6 CORNER POST FOUNDATION FOR LINE POSTS SHALL BE 12 INCHES (12") IN DIAMETER. CORNER POST FOUNDATION FOR GATE AND CORNER POSTS SHALL BE 18 INCHES (18") IN DIAMETER.
 - 3.7 CORNER POSTS AND LINE POSTS SPACING SHALL BE EQUAL WITH A TEN FOOT (10') MAXIMUM SPACING. GATE POST SPACING AND SPECIFIC LOCATIONS SHALL BE IN ACCORDANCE WITH SITE PLAN AND SHALL BE VERIFIED WITH USCC PROJECT MANAGER.
 - 3.8 ALL POSTS EXCEPT GATE POSTS SHALL BE CAPPED WITH A COMBINATION CAP. GATE POSTS SHALL BE CAPPED WITH STANDARD CAP.
 - 3.9 ALL CORNER, GATE AND END PANELS SHALL HAVE MINIMUM 3/8" DIAMETER DIAGONAL TRUSS RODS WITH TURNBUCKLES. HORIZONTAL BRACE RODS, 1-1/2" INSIDE DIMENSION PIPE, SHALL BE INSTALLED BETWEEN POSTS.
 - 3.10 A TOP RAIL (1-5/8" O.D.) GALVANIZED PIPE SHALL BE INSTALLED BETWEEN POSTS.
 - 3.11 ALL FOUR CORNERS POSTS AND BOTH GATE POSTS SHALL BE CONNECTED TO THE SITE GROUNDING SYSTEM (REFER TO GROUNDING SYSTEM STANDARD).
 4. FABRIC:
 - 4.1 FENCE FABRIC SHALL BE EIGHT FOOT (8') HIGH, UNLESS OTHERWISE SPECIFIED, #9 GAUGE, GALVANIZED CHAIN LINK FABRIC WITH TWISTED TOP SELVAGE AND KNUCKLED BOTTOM SELVAGE.
 - 4.2 FABRIC SHALL BE TENSIONED PER MANUFACTURER'S RECOMMENDATIONS TO PRESENT A NEAT APPEARANCE. A MINIMUM FOUR INCH CLEARANCE ON THE COMPOUND AND SIX INCH ON ROAD/FARM GATES SHALL BE PERMITTED BETWEEN FABRIC AND FINAL GRADE.
 - 4.3 FABRIC SHALL BE SECURED AT CORNER AND GATE POSTS USING STRETCHER BARS AND TENSION BAND CLIPS.
 - 4.4 A #9 GAUGE TENSION WIRE SHALL BE INSTALLED AT THE BOTTOM OF THE FENCE AND SECURED TO FABRIC WITH TIE CLIPS.
 - 4.5 FABRIC SHALL BE SECURED TO THE TOP RAIL AND BRACE RODS USING TIE CLIPS.
 5. GATE:
 - 5.1 LOCATION OF GATE SHALL CONFORM TO THE SITE PLAN. GATE SIZE SHALL BE A MINIMUM TWELVE FEET (12') ACROSS. NOTE: TYPICALLY A 12' CANTILEVER GATE SPECIFIED.
 - 5.2 ALL JOINTS BETWEEN TUBULAR GATE MEMBERS SHALL BE WELDED OR HEAVY FITTINGS PROVIDING RIGID AND WATERTIGHT CONNECTIONS.
 - 5.3 GATE HINGES SHALL PROVIDE FOR 180 DEGREE RADIUS GATE SWING. ALL HINGE NUTS SHALL BE ON THE INSIDE AND DOUBLE-NUT TO DETER UNAUTHORIZED ENTRY.
 - 5.4 PLUNGER BAR-TYPE GATE LATCH SHALL BE INSTALLED ON DOUBLE GATES AND SHALL FUNCTION PROPERLY. PLUNGER BAR LENGTH SHALL BE THE SAME HEIGHT AS THE GATE. A NON-CLOGGING GATE DETENTION ADAPTABLE TO THE PLUNGER BAR SHALL BE INSTALLED AND SHALL FUNCTION PROPERLY.
 - 5.5 GATE STOPS SHALL BE INSTALLED AND SHALL HOLD GATE IN "OPEN" POSITION.
 - 5.6 GATE SHALL BE INSTALLED PLUMB AND SHALL OPEN AND CLOSE FREELY.
 - 5.7 GATE POSTS SHALL NOT BE SHARED AS A CORNER POST.
 - 5.8 THE FOLLOWING GATE TYPE SHALL BE PROVIDED AND INSTALLED AS INDICATED ON THE SITE PLAN AND VERIFIED WITH THE USCC PROJECT MANAGER: CANTILEVER WITH 30" WIDE SNOW GATE.

NOTE: IN MOST CASES, FINAL GRADE IS APPLIED PRIOR TO FENCE INSTALLATION. THEREFORE, ALL SPOILS REMOVED TO INSTALL THE FENCE POSTS AND FENCE ACCESSORIES SHALL BE PLACED ON PLASTIC OR OTHER MEANS TO PREVENT DEBRIS FROM BLEMISHING SITE ESTHETICS. REMOVAL OF MATERIAL SHALL BE THE RESPONSIBILITY OF THE FENCE CONTRACTOR INCLUDING ANY EXCESS FENCE MATERIAL.



TYPICAL FENCE ELEVATION AND NOTES

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U.S. Cellular

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 TOLL FREE: 877-720-8600

NO. 11
 NUMBER
 E-20702
 REGISTERED PROFESSIONAL ENGINEER

STATE OF MISSOURI
 SHELDON
 D. REISLING
 NUMBER
 E-27823
 REGISTERED PROFESSIONAL ENGINEER

PROJECT NO. 852614.1

DRAWN BY: ANP

CHECKED BY: HAN/RWQ

SUBMITTALS		
A	04/21/05	ISSUED FOR REVIEW ANP
O	05/03/05	ISSUED FOR CONSTRUCTION MTG
I	05/27/05	REVISED PER CLIENT COMMENTS FG

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SITE NAME
CITY OF O'FALLON
 (USCC SITE NAME: ST. PAUL)

321 FIRMA ROAD
 O'FALLON, MISSOURI 63366

SHEET TITLE
DETAILS (2 OF 2)

SHEET NUMBER
A-8