

HOCH

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OLDCASTLE
GROUPTM

18370 HIGHWAY 94
COLORADO SPRINGS, CO 80930

10-11-19 ISSUED FOR PERMITS		
NUMBER	DATE	DESCRIPTION
ISSUES		

CERTIFICATION:

SHEET TITLE:

GRADING PLAN

PROJECT NUMBER 18061
CAD FILE: 61C102.DWG
DRAWN BY: REA
CHECKED BY: BSH

SHEET NUMBER:

C102

LEGEND

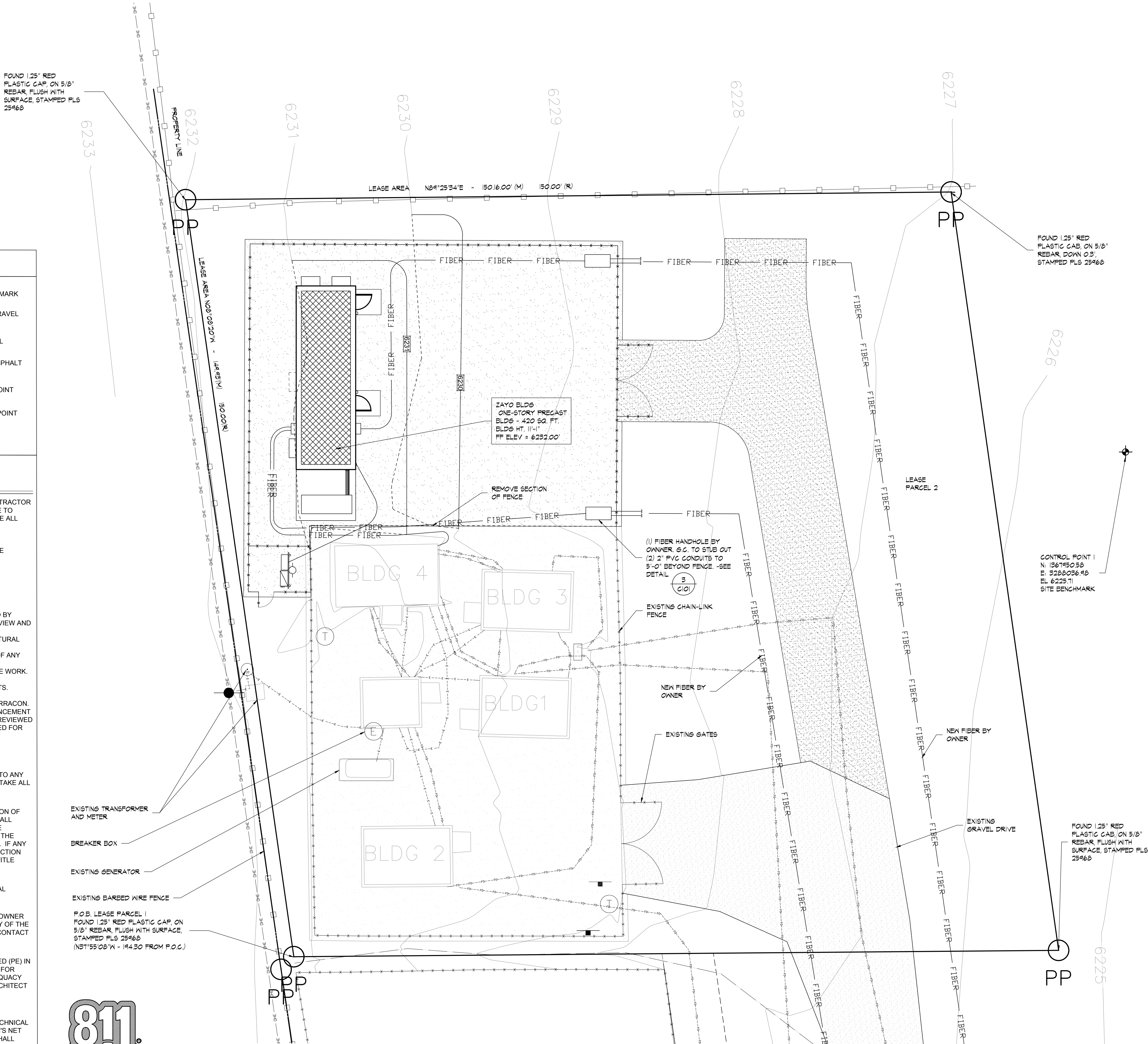
— OHE —	EXISTING OVERHEAD ELECTRIC LINE	⊕	SITE BENCHMARK
— T — T —	EXISTING UNDERGROUND TELEPHONE	▨	EXISTING GRAVEL
— FO — FO —	EXISTING UNDERGROUND FIBER	▩	NEW GRAVEL
— FIBER —	NEW UNDERGROUND FIBER	▨	EXISTING ASPHALT
— UGE —	NEW UNDERGROUND ELECTRIC	▲	CONTROL POINT
— X — X —	EXISTING CHAINLINK FENCE	○	PROPERTY POINT
— □ — □ —	EXISTING BARBED WIRE FENCE		
— X — X —	NEW CHAINLINK FENCE		
— ● —	EXISTING UTILITY POLE		

SITE LAYOUT GENERAL NOTES:

- DIMENSIONS ARE TO THE EDGE OF CONCRETE, PAVING, OR FACE OF BLDG, UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. REPAIR DAMAGE ACCORDING TO LOCAL STANDARDS AND AT CONTRACTOR'S EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY.
- IN THE EVENT OF ANY DISCREPANCIES AND/OR ERRORS FOUND IN THE DRAWINGS OR IF PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING WORK.
- ALL DAMAGE TO EXISTING GRASS AREAS AS A RESULT OF NEW CONSTRUCTION SHALL BE RESEEDD AT THE CONTRACTOR'S EXPENSE.
- SITE DEVELOPMENT PLAN IS BASED ON A PRE-CONSTRUCTION BOUNDARY & TOPOGRAPHIC SURVEY PROVIDED BY WILDCAT SURVEYING, PROJECT NUMBER 176-05-2019. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW AND VERIFY THE SURVEY PRIOR TO BIDDING AND BEGINNING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL SURVEY INFORMATION PRESENTED, DEPICTED, OR DEFINED ON THE ARCHITECTURAL /SITE DOCUMENTS WITH THE CERTIFIED SURVEY OF THE PROPERTY. IN THE EVENT OF A COORDINATE OR TOPOGRAPHIC DISCREPANCY THE CERTIFIED SURVEY SHOULD ALWAYS TAKE PRECEDENCE. IN THE EVENT OF ANY DISCREPANCIES AND/OR ERRORS FOUND IN THE DRAWINGS OR IF PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- FINISH FLOOR ELEVATION OF NEW BUILDING EQUALS 6232.00'. 6232.00' = 100'-0" IN CONSTRUCTION DOCUMENTS.
- COORDINATE SUBGRADE PREPARATION WITH GEOTECHNICAL INFORMATION. GEOTECHNICAL REPORT BY TERRACON. FOR MORE INFORMATION, CONTACT ROBERT HERNANDEZ AT (719) 572-7672. CONTRACTOR PRIOR TO COMMENCEMENT OF WORK SHALL OBTAIN IN WRITING THAT OLDCASTLE PRECAST ENGINEER OF RECORD HAS RECEIVED AND REVIEWED GEOTECHNICAL SURVEY AND RECOMMENDATIONS VERIFYING ADEQUACY OF PRECAST FOUNDATIONS UTILIZED FOR THIS PROJECT.
- ALL ITEMS BY GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.
- GENERAL CONTRACTOR TO LOCATE ALL EXISTING INFRASTRUCTURE UTILITIES (PRIVATE AND PUBLIC) PRIOR TO ANY DIGGING. CONTRACTOR IS RESPONSIBLE FOR ALL DISRUPTIONS TO EXISTING SERVICES, UTILITIES ETC. AND TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE SAME.
- IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR & SUBCONTRACTOR TO COORDINATE THIS INSTALLATION OF ALL WORK WITHIN THE RIGHT OF WAY WITH COUNTY, STATE, AND LOCAL APPROVAL AND REVIEW AGENCIES. ALL DETAILS, MATERIALS AND PRODUCTS UTILIZED, SPECIFICATIONS, GRADES/CONTOURS, ETC. DEPICTED BY THE CONSTRUCTION DOCUMENTS SHALL BE REVIEWED WITH THE APPROVAL AGENCIES HAVING JURISDICTION BY THE CONTRACTOR(S) RESPONSIBLE FOR THE WORK PRIOR TO THE INSTALLATION OF ANY PORTION OF THE WORK. IF ANY DISCREPANCIES ARISE FROM THE FINAL CONTRACTOR REVIEW WITH THE APPROVAL AGENCY HAVING JURISDICTION OCCURS, THE CONTRACTOR SHALL INFORM THE ARCHITECT AND ITS REPRESENTATIVE AS DEFINED ON THE TITLE BORDER.
- IT IS THE RESPONSIBILITY OF THE PRE-CAST FOUNDATION DESIGN ENGINEER TO VERIFY WITH GEOTECHNICAL ENGINEER THE ADEQUACY OF EXISTING SOILS TO ACCEPT BUILDING LOADS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IMMEDIATELY INFORM THE PROJECT MANAGER AND THE OWNER OF ANY OBSTRUCTIONS, ROCK FORMATIONS, OUTCROPPINGS ETC. THAT MAY IMPACT STRUCTURAL STABILITY OF THE BUILDING, FOUNDATIONS AND SITE INFRASTRUCTURE. THE PROJECT MANAGER/OWNER IS RESPONSIBLE TO CONTACT THE ARCHITECT AND OLDCASTLE STRUCTURAL ENGINEER UPON NOTIFICATIONS FORM THE CONTRACTOR.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EMPLOY AN "ON SITE" GEOTECHNICAL ENGINEER LICENSED (PE) IN THE STATE OF THE PROJECT LOCATION TO REVIEW EXISTING SOIL CONDITIONS AT THE TIME OF EXCAVATION FOR FOOTINGS/INFRASTRUCTURE TO RENDER OPINIONS, APPROVAL OR DECISIONS REGARDING PLACEMENT/ADEQUACY DESIGN OF PRECAST FOUNDATIONS INFRASTRUCTURE AND BUILDING. CONTACT PROJECT MANAGER AND ARCHITECT (JOINTLY OF ANY RECOMMENDATIONS AND/OR MODIFICATIONS REQUIRED OR OTHERWISE RENDERED OR RECOMMENDED BY THE LICENSED PROFESSIONAL GEOTECHNICAL ENGINEER.
- CONTRACTOR RESPONSIBLE TO CONTACT OLDCASTLE PRECAST FOUNDATION ENGINEER. TERRACON GEOTECHNICAL ENGINEER AND VERIFY ADEQUACY OF FOUNDATION DESIGN WITH THE SOILS FOUND ON THE SITE. TERRACON'S NET ALLOWABLE BEARING PRESSURE PER GEOTECHNICAL REPORT DATED 5.24.19 ARE 2500 PSF. CONTRACTOR SHALL EMPLOY LICENSED GEOTECHNICAL AT TIME OF SOIL EXCAVATION TO PERFORM ON SITE ANALYSIS AND CORRESPONDING RECOMMENDATIONS PRIOR TO PLACEMENT OF FOOTINGS AND BUILDING.



Know what's below.
Call before you dig.

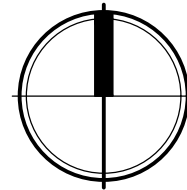


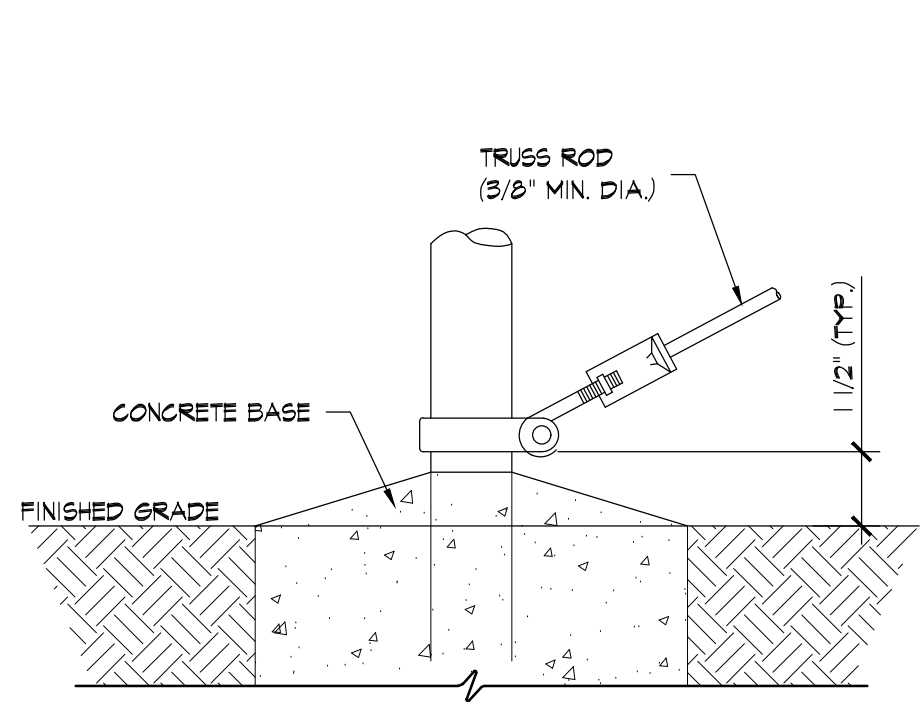
NOTE: ARCHITECTURAL, ELECTRICAL, AND MECHANICAL PLANS ARE ORIENTED DIFFERENTLY THAN SITE PLAN. PLEASE NOTE NORTH ARROW ON EACH PLAN SHEET FOR PROPER ORIENTATION.



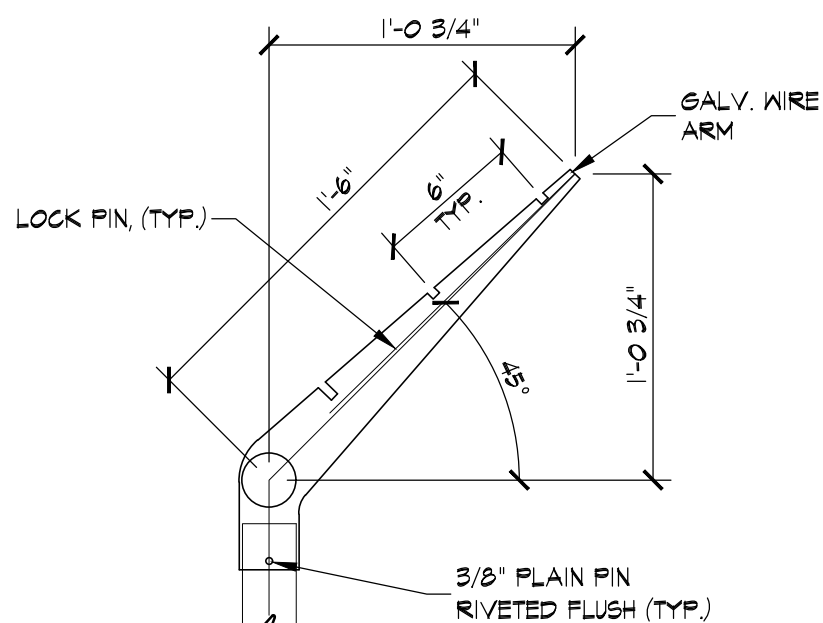
GRADING PLAN

SCALE: 1" = 10'-0"

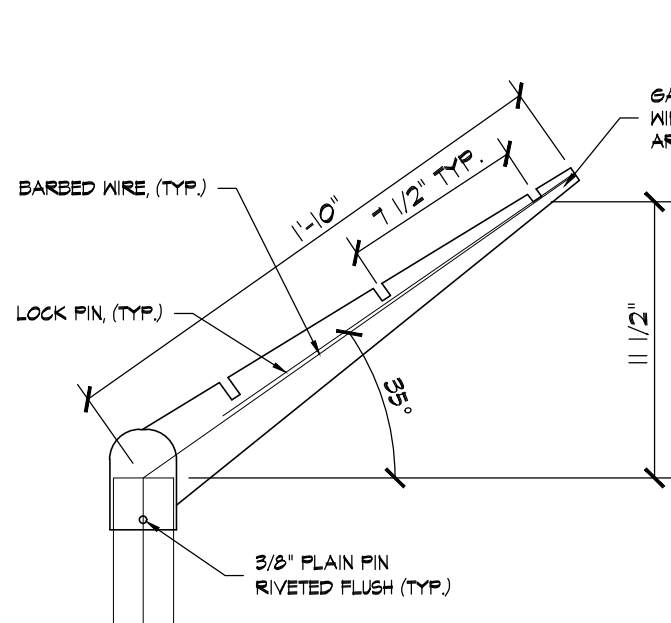




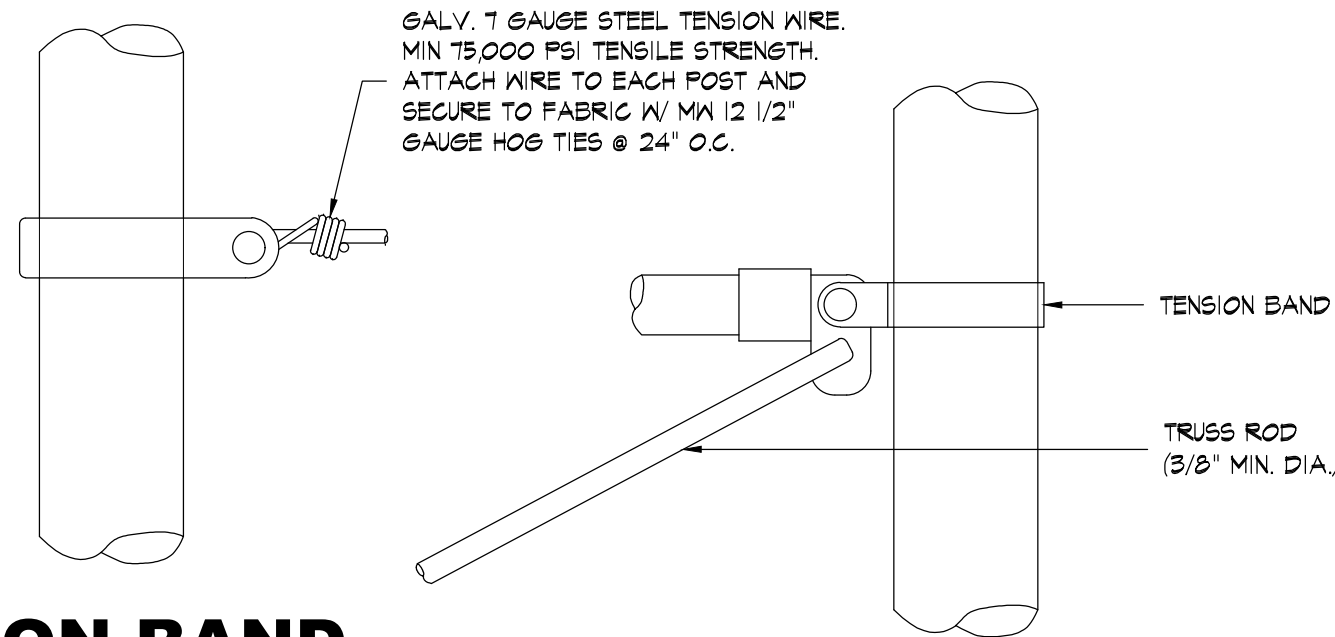
5 TRUSS ROD AND BAND
C200 SCALE: 3" = 1'-0"



4 TRUSS ROD AND BAND
C200 SCALE: 1 1/2" = 1'-0"



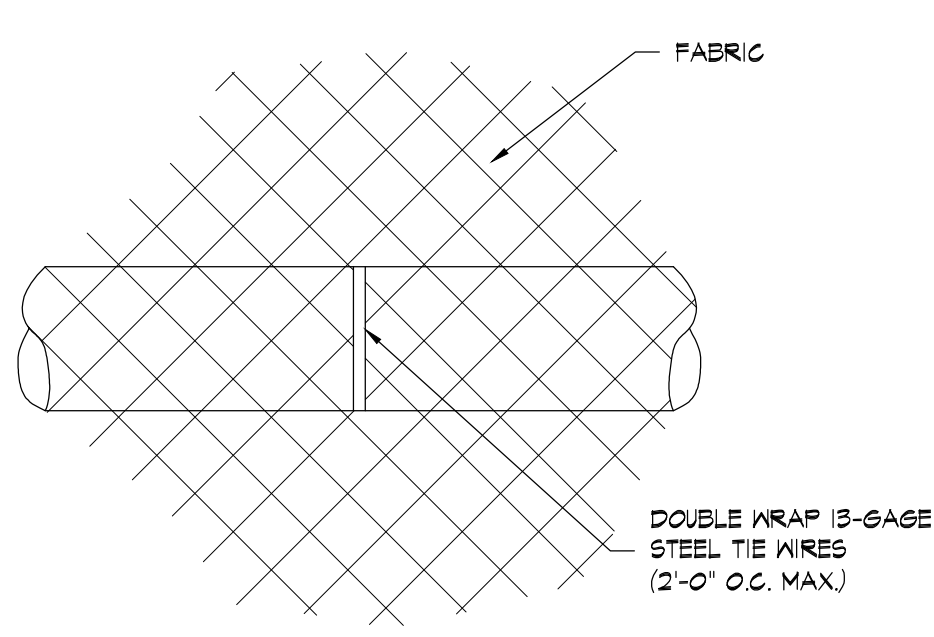
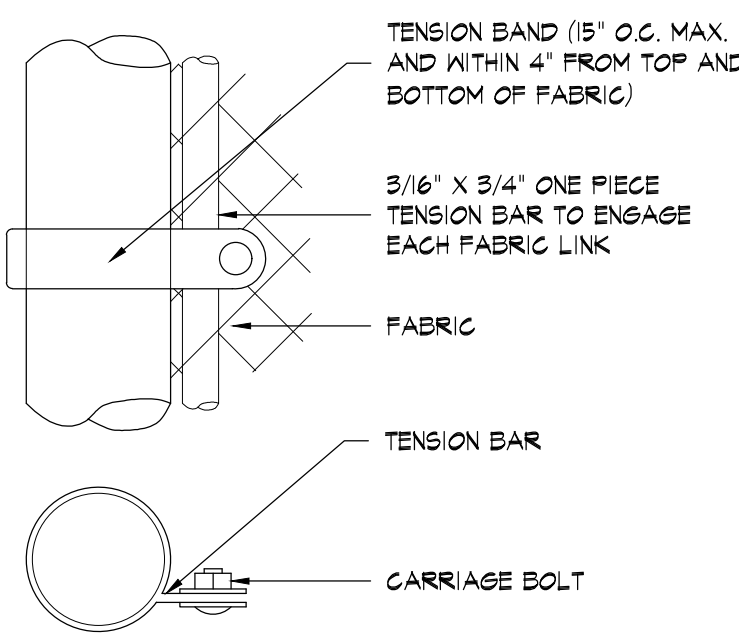
USE AND SECTION	STEEL POST SCHEDULE		
	MINIMUM OUTSIDE DIMENSIONS (NOMINAL)		
	FABRIC WIDTH 12' OR LESS	FABRIC WIDTH 24' TO 48'	FABRIC WIDTH 108' AND OVER
CORNER END, & FULL POSTS			
TUBULAR - ROUND	2.875" O.D.	2.875" O.D.	4.00" O.D.
TUBULAR - SQUARE	2.00" SQ.	2.50" SQ.	3.00" SQ.
C-SECTION (ROLL-FORMED)	3.50" x 3.50"	3.50" x 3.50"	-----
LINE POSTS			
TUBULAR - ROUND	1.90" O.D.	2.375" O.D.	2.875" O.D.
H - SECTION	2.25" x 1.70"	2.25" x 1.70"	2.25" x 1.70"
C-SECTION (ROLL-FORMED)	1.875" x 1.625"	2.25" x 1.70"	-----
TOP, BOTTOM & BRACE RAILS			
TUBULAR - ROUND		1.66" O.D.	
TUBULAR - SQUARE		1.50" SQ.	
H-SECTION		1.625" x 1.50"	
C-SECTION (ROLL-FORMED)		1.625" x 1.25"	



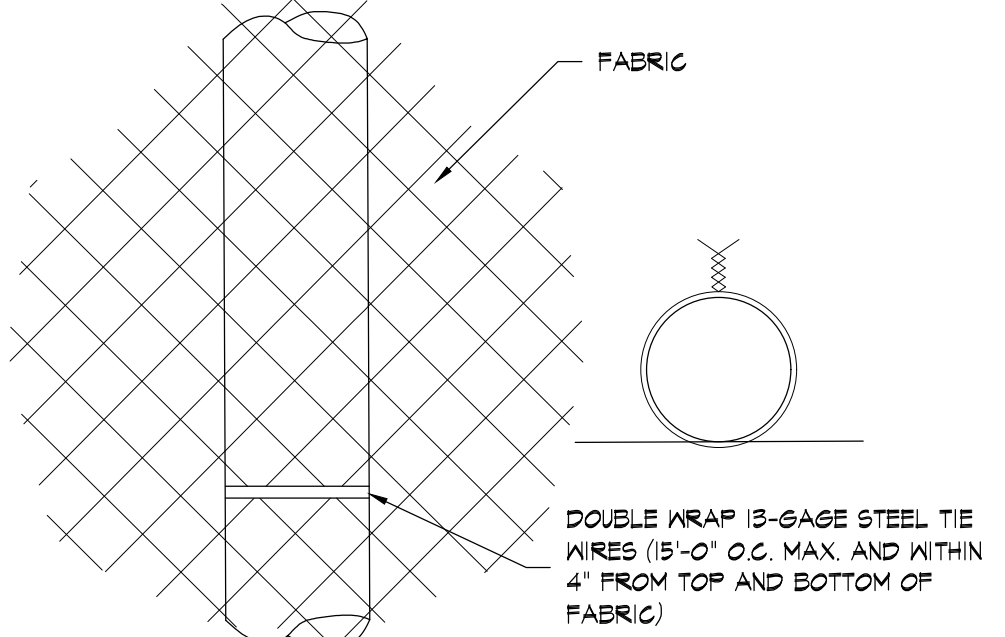
TENSION BAND AND WIRE DETAIL
SCALE: 3" = 1'-0"

ROUND POST
SCALE: 3" = 1'-0"

END OR GATE POST DETAIL
SCALE: 3" = 1'-0"

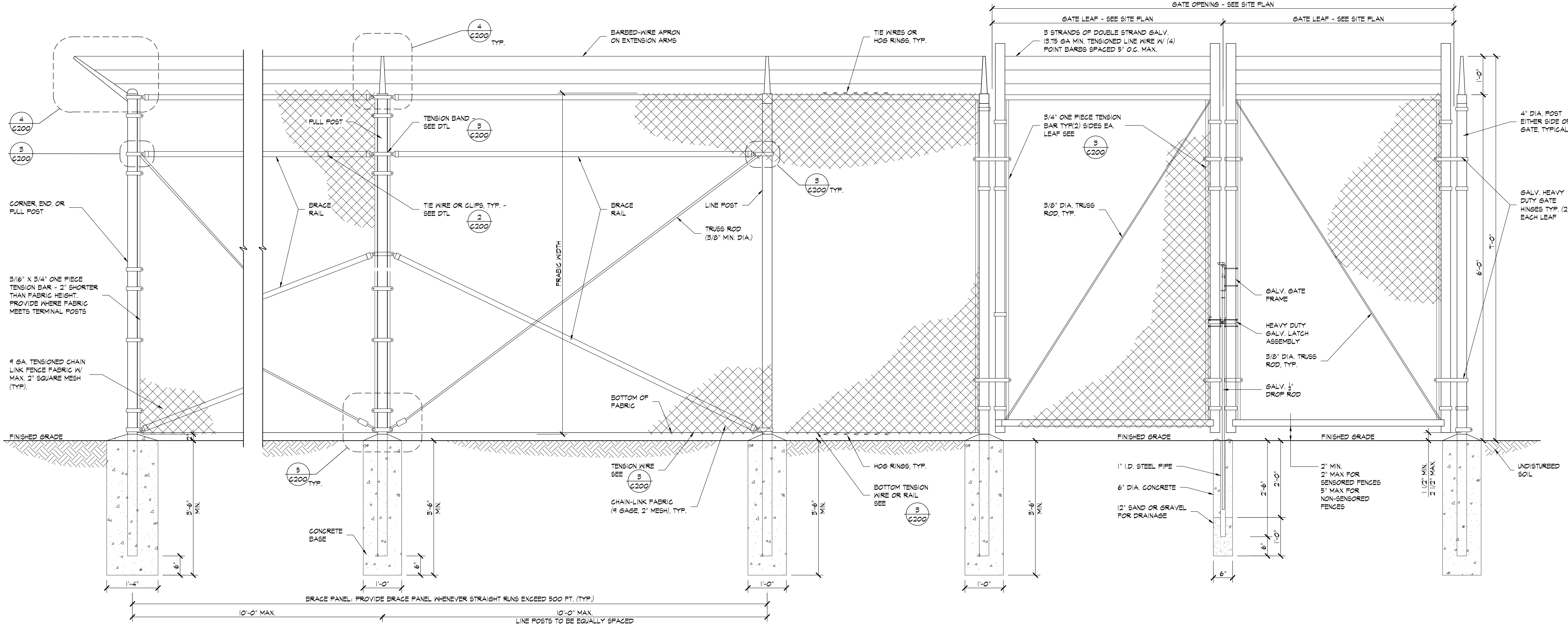


TOP/BRACE RAIL ATTACHMENT
SCALE: 3" = 1'-0"



ROUND POST
SCALE: 3" = 1'-0"

3 FASTENING DETAILS
C200 SCALE: 3" = 1'-0"

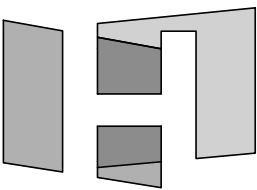


1 CHAIN-LINK FENCE DETAIL
C200 SCALE: 3/4" = 1'-0"



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NOBLESVILLE, INDIANA 46062
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www.five9dg.com

ARCHITECT OF RECORD:



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Five Nine GROUPTM

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COLORADO SPRINGS, CO 80930

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NUMBER DATE DESCRIPTION

CERTIFICATION: ISSUES

SHEET TITLE:

FENCE DETAILS

PROJECT NUMBER 18061
CAD FILE: 61C200.DWG
DRAWN BY: REA
CHECKED BY: BSH

SHEET NUMBER:

C200