Appendix C

Project Site Plans

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Aramis Solar

Up to 102-MW-AC Alameda County, CA Conditional Use Permit Plan

DIRECTIONS TO SITE

HEADING EAST ON 1-580

- 1. TAKE EXIT 52 FOR N. LIVERMORE AVE. TOWARD LIVERMORE.
- 2. TURN LEFT ONTO N. LIVERMORE AVE.
- DRIVE APPROXIMATELY 2.9 MILES NORTH.
 THE SITE ENTRANCE WILL BE ON THE LEFT.

PHONE: (415) 846-0730

PROJECT OWNER/DEVELOPER

CONTACT: MARISA MITCHELL

ENGINEERING PROJECT MANAGER

WESTWOOD PROFESSIONAL SERVICES, INC.
N., 2740 DALLAS PKWY. #280
PLANO, TX
CONTACT: JACK HAYS
PHONE: (972) 473-4640

PROJECT CIVIL ENGINEER OF RECORD

WESTWOOD PROFESSIONAL SERVICES, INC. 12701 WHITEWATER DRIVE SUITE #300 MINNETONKA, MN 55343 CONTACT: CHRIS CARDA, P.E. PHONE: (952) 906-7459

Sheet List Table			
Sheet Number Sheet Title			
T.100	COVER		
C.100	EXISTING CONDITIONS PLAN-NORTH		
C.101	EXISTING CONDITIONS PLAN-SOUTH		
C.200	CIVIL SITE PLAN-NORTH		
C.201	CIVIL SITE PLAN-SOUTH		
C.400	CONSTRUCTION DETAILS		
C.401	CONSTRUCTION DETAILS		

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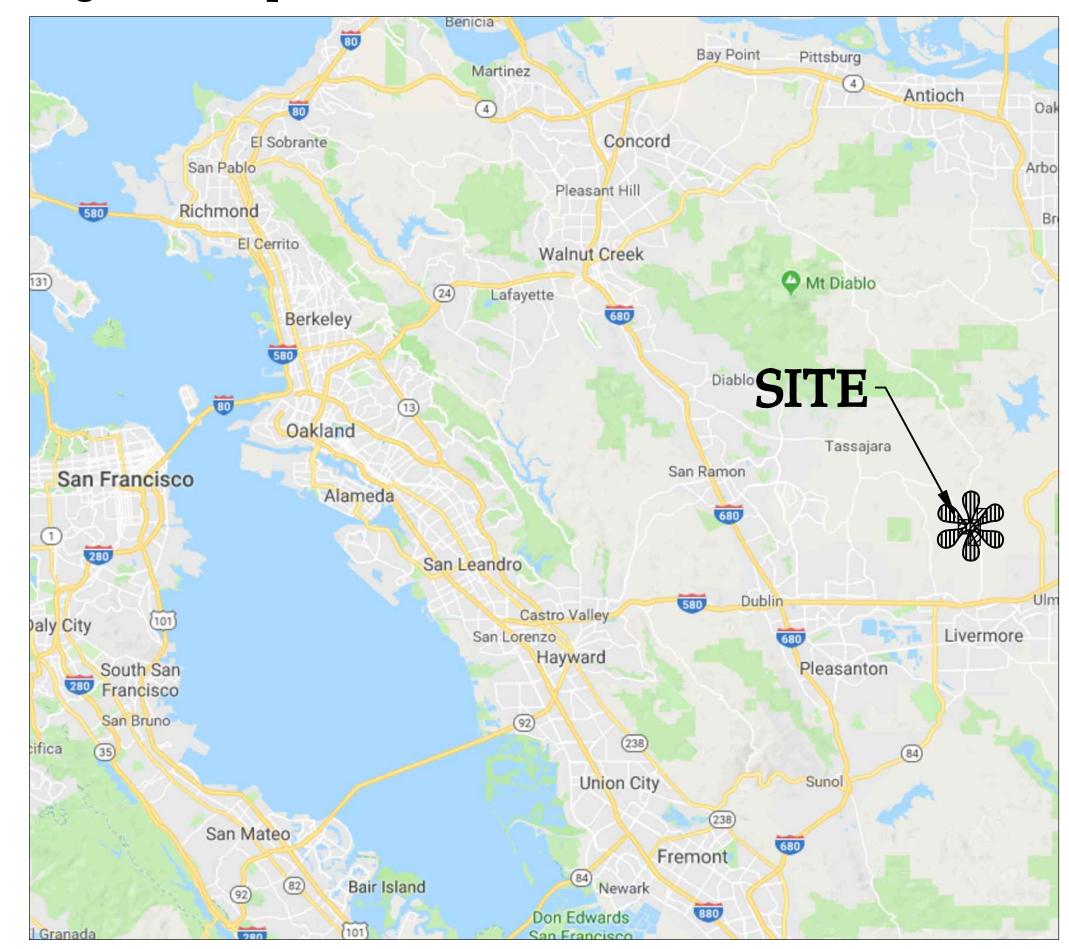
Record Drawing by/date:

Revisions:
A 08/13/20 ADDED UTILITY CROSSING LOCATIONS
B 08/31/20 SUBSTATION RELOCATED

Prepared for:

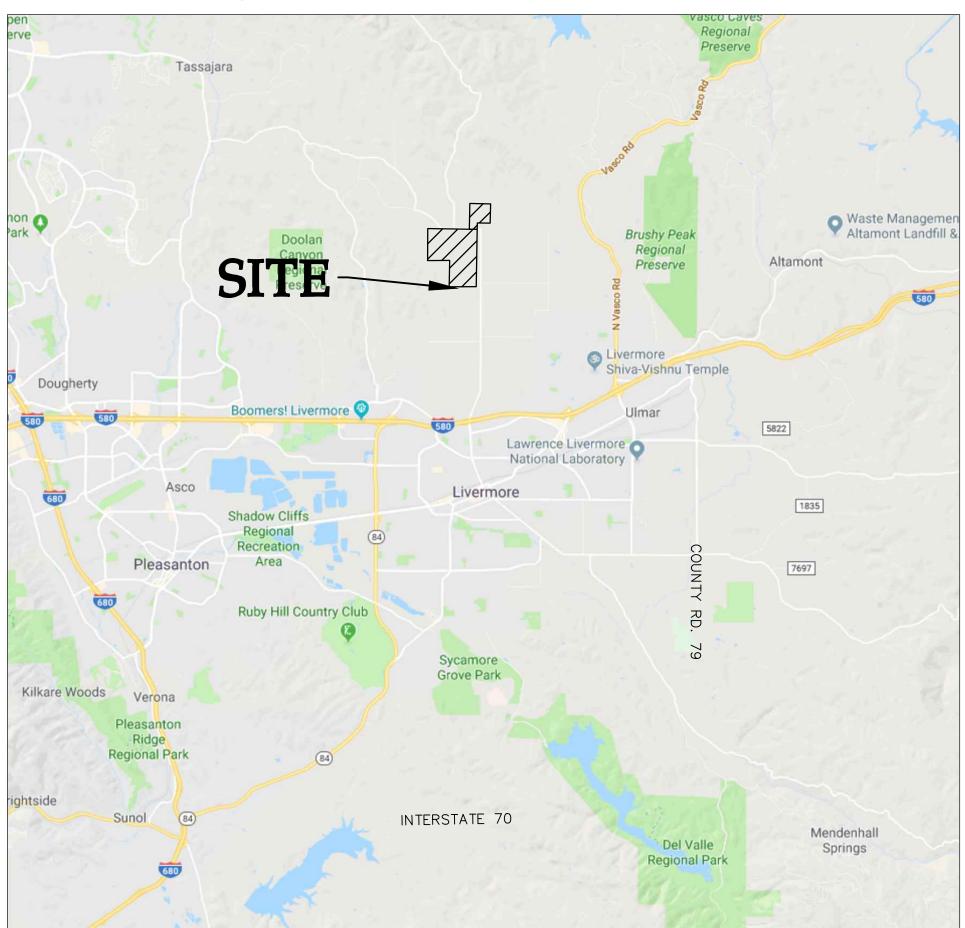
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Regional Map



SOURCE: MAP DATA ©2018 GOOGLE (NOT TO SCALE)

Vicinity Map



SOURCE: MAP DATA ©2018 GOOGLE (NOT TO SCALE)

PROJECT LOCATION

LATITUDE= 37° 44′ 57.29″ LONGITUDE= -121° 46′ 25.79″

PROJECT COORDINATE SYSTEM NSRS 2011 CALIFORNIA STATE PLANE, ZONE III, US

FEMA MAPPING

FIRM PANELS 06001C0332G AND 06013C0500F

<u>APN</u> 903-0007-002-01 903-0006-003-07 903-0006-001-02

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Alameda County, CA

Cover

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Drawing No: T.100

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PARCEL BOUNDARY LINE EXISTING LOT LINE -EXISTING RIGHT OF WAY LINE MANNING RD. -

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LEGEND:

EXISTING EASEMENT LINE EXISTING RIGHT-OF-WAY LINE EXISTING OVERHEAD POWERLINE EXISTING PAVED ROAD

त्रा रहा, पुरुष्टा-स्तर कर राज (पा EXISTING GRAVEL ROAD

EXISTING INDEX CONTOUR LINE EXISTING INTERVAL CONTOUR LINE EXISTING STREAM BANK _____

EXISTING FEMA REGULATORY FLOODWAY

SETBACK FROM STREAM BANK

PROJECT BOUNDARY LINE

EXISTING FEMA FLOOD ZONE X

EXISTING FEMA FLOOD ZONE A

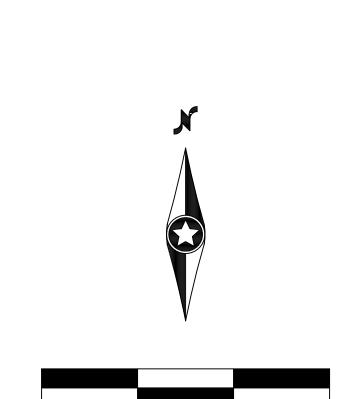
EXISTING TREE

NOTES:

1. MATURE TREES (AS SHOWN) WILL REMAIN.

100 Year Max Flow Depth (ft)			
Minimum Elevation	Maximum Elevation	Color	
0.50	1.00		
1.01	1.50		
1.51	2.00		
2.01	2.50		
2.51	3.00		
3.01	4.00		
4.01	6.00		
6.00	20.00		

KEY MAP SCALE: 1"=5000"



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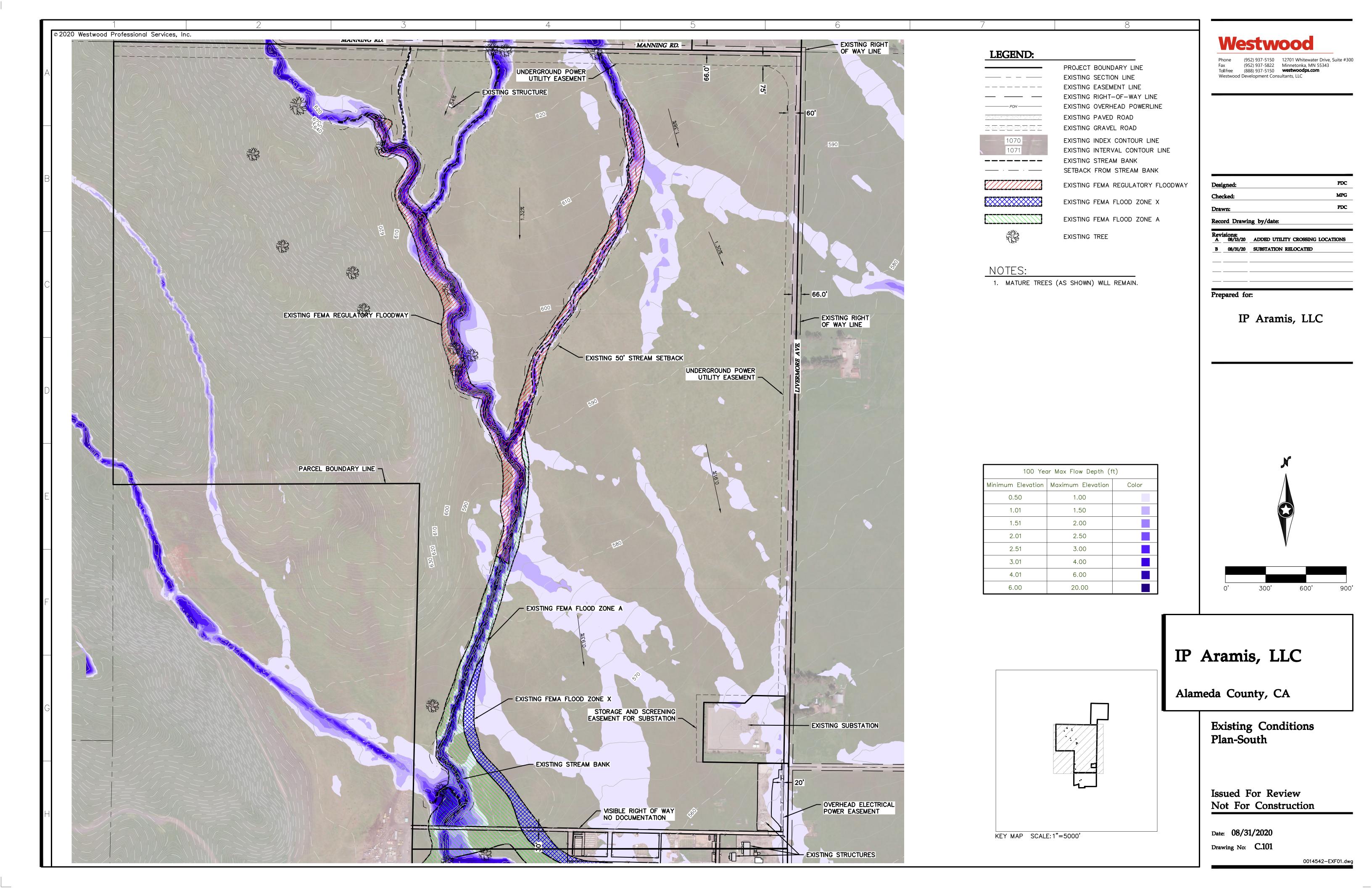
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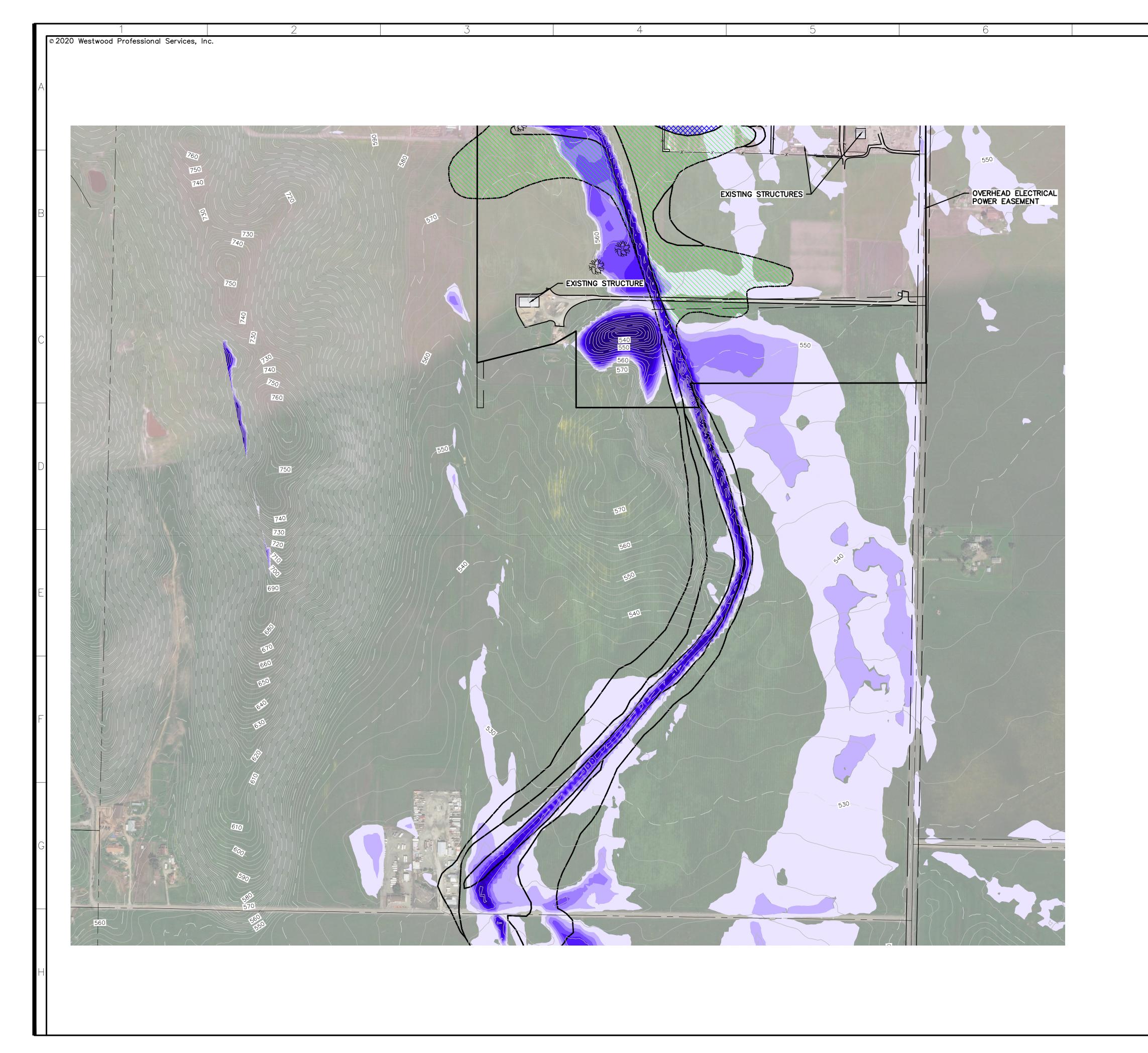
Existing Conditions Plan-North

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Date: 08/31/2020 Drawing No: C.100

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LEGEND:

PROJECT BOUNDARY LINE

EXISTING SECTION LINE

EXISTING EASEMENT LINE

EXISTING RIGHT—OF—WAY LINE

EXISTING OVERHEAD POWERLINE

EXISTING PAVED ROAD

EXISTING INDEX CONTOUR LINE
EXISTING INTERVAL CONTOUR LINE
EXISTING STREAM BANK
SETBACK FROM STREAM BANK

EXISTING GRAVEL ROAD

EXISTING FEMA REGULATORY FLOODWAY

EXISTING FEMA FLOOD ZONE A

EXISTING FEMA FLOOD ZONE X

2.01

2.51

3.01

4.01

6.00

KEY MAP SCALE: 1"=5000"

4.00

6.00

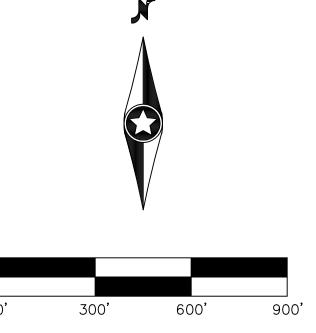
20.00

EXISTING TREE

NOTES:

1. MATURE TREES (AS SHOWN) WILL REMAIN.

100 Ye	ar Max Flow Depth (f	t)
Minimum Elevation	Maximum Elevation	Color
0.50	1.00	
1.01	1.50	
1.51	2.00	



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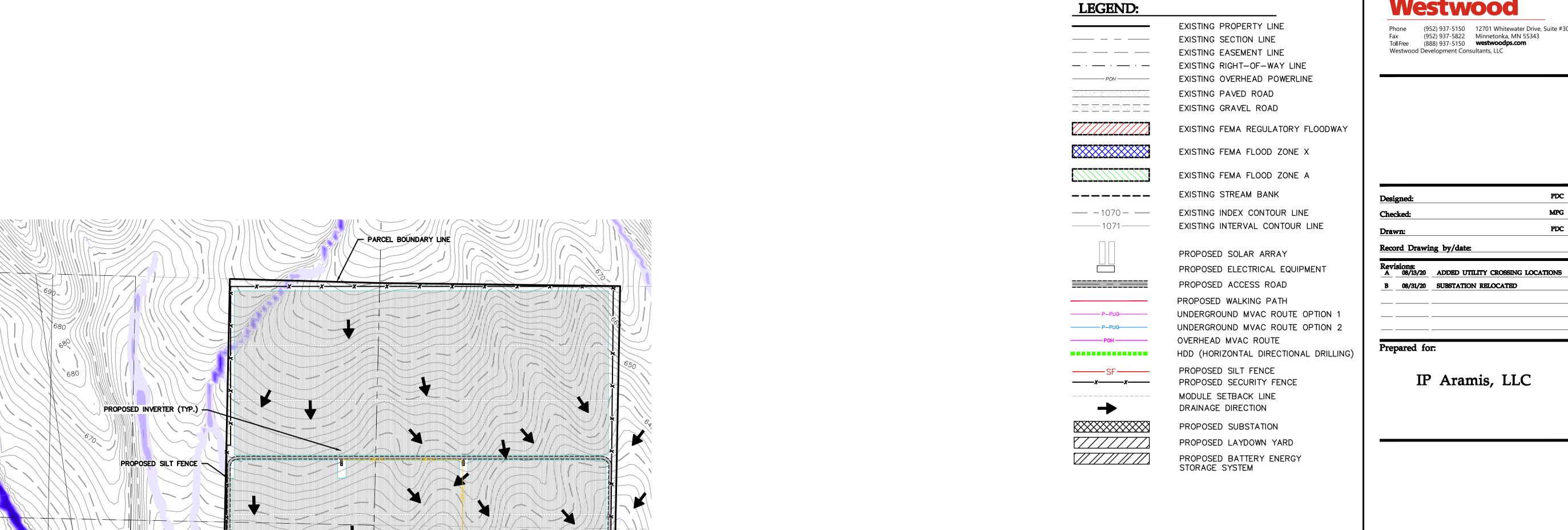
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Existing Conditions Plan-South

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100 Year Max Flow Depth (ft)		
Minimum Elevation	Maximum Elevation	Color
0.50	1.00	
1.01	1.50	
1.51	2.00	
2.01	2.50	
2.51	3.00	
3.01	4.00	
4.01	6.00	
6.00	20.00	

Project	Module Setbacks
Item	Required
SIDE	10' FROM PROPERTY LINE
REAR	10' FROM PROPERTY LINE
FRONT	30' FROM PROPERTY LINE
STREAM BANK	50'

Disturbance Limits	,
Item	Area
TOTAL CLEARING AND GRUBBING (WITHIN PROPOSED SECURITY FENCE).	415 acres

Fenced Are	ea
Location	Area (acres)
BOARDMAN (NORTH)	105
CROSBY (CENTRAL)	270
STANLEY (SOUTH)	40
TOTAL	415



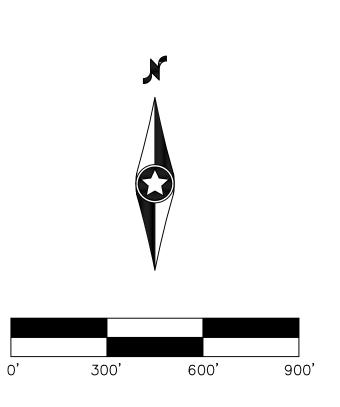
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Civil Site Plan-North

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Location	Crossing Equipment	Existing Infrastructure	Infrastructure Owner/Responsible Party
1	overhead power line, 34.5kV	66' county road ROW (Manning)	Alameda County
		75' power line easement	Pacific Gas & Electric
		75' underground electrical easement	Pacific Gas & Electric
2	underground power line, 2kV	waterway	Alameda County and/or local water district
3	overhead power line, 34.5kV	waterway	Alameda County and/or local water district
4	overhead power line, 34.5kV	FEMA Flood Zone "AE Floodway"	Alameda County and/or local water district
5	underground power line, 34.5kV	paved road (Hartman)	Alameda County (no public ROW evident)
		FEMA Flood Zone X	Alameda County and/or local water district
		FEMA Flood Zone AE	Alameda County and/or local water district
6	overhead power line, 34.5kV	FEMA Flood Zone "AE Floodway"	Alameda County and/or local water district
		FEMA Flood Zone X	Alameda County and/or local water district
		FEMA Flood Zone AE	Alameda County and/or local water district
7	underground power line, 34.5kV	66' county road ROW (Livermore)	Alameda County
		20' communications easement	Pacific Telephone & Telegraph (AT&T)

PROPOSED 16' ACCESS ROAD

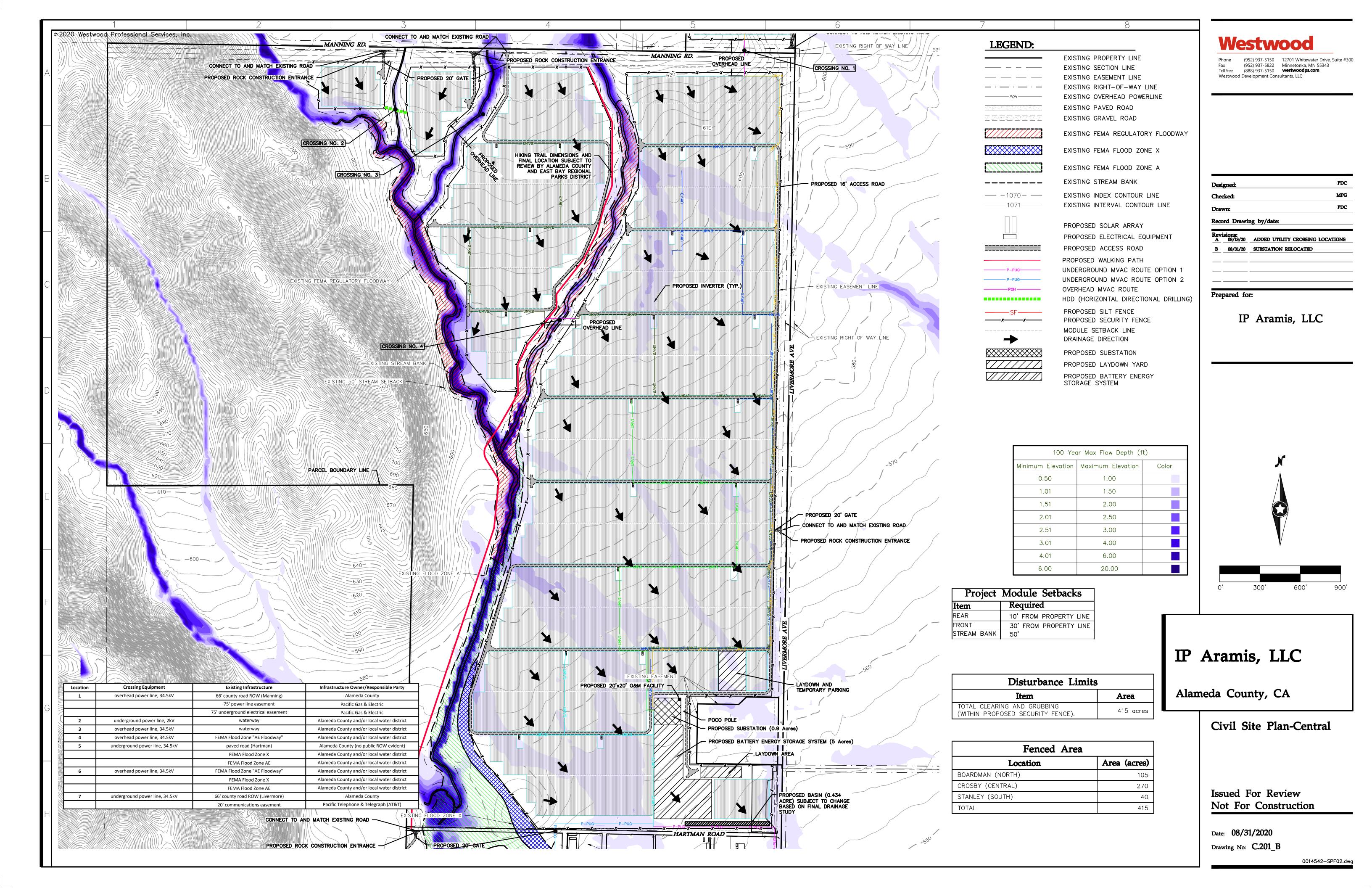
PROPOSED SECURITY FENCE

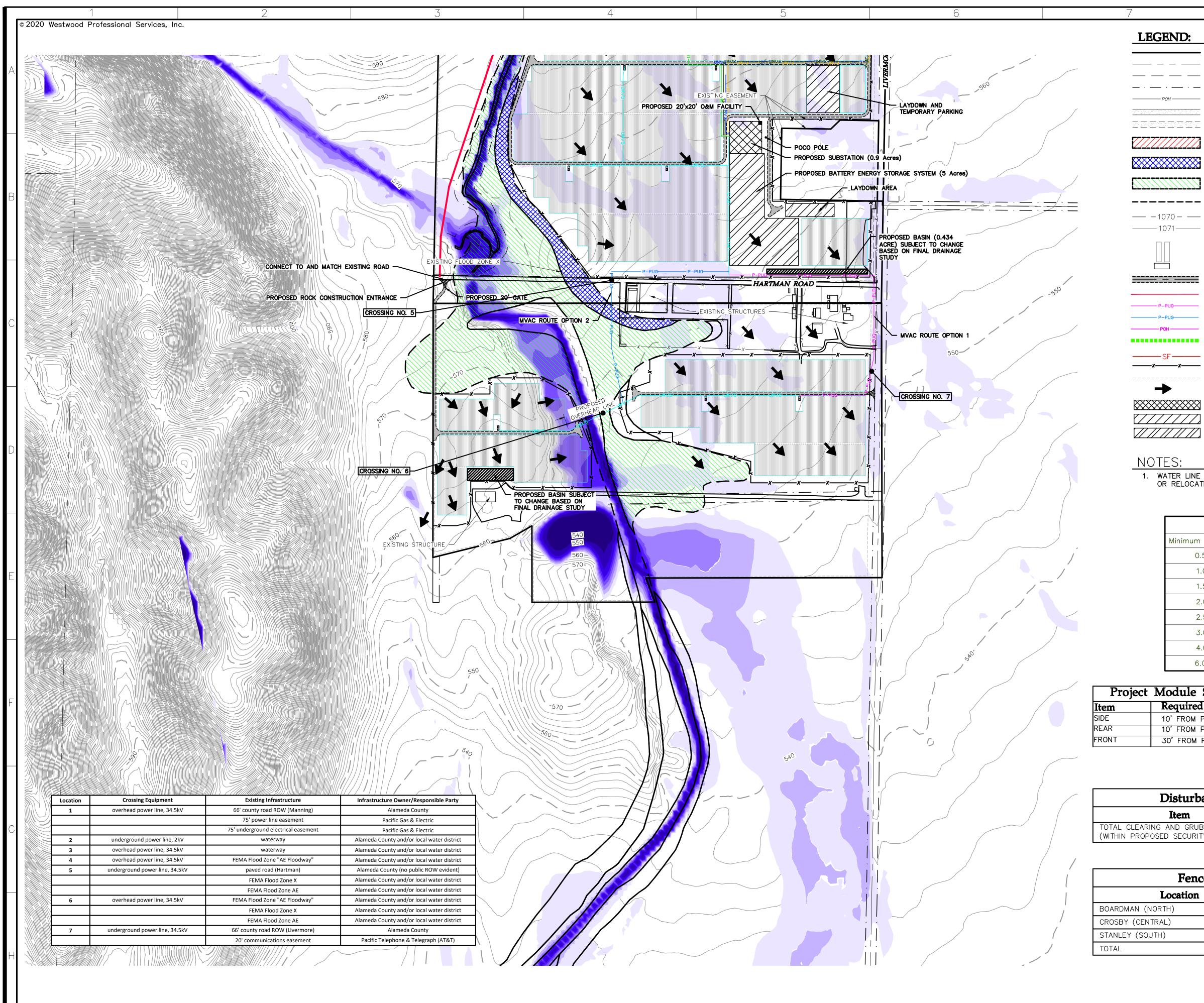
- MANNING RD. PROPOSED OVERHEAD LINE

PROPOSED 20' GATE
PROPOSED ROCK CONSTRUCTION ENTRANCE
CONNECT TO AND MATCH EXISTING ROAD

EXISTING RIGHT OF WAY LINE

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Record Drawing by/date:

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A 08/13/20 ADDED UTILITY CROSSING LOCATIONS B 08/31/20 SUBSTATION RELOCATED

Prepared for:

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NOTES:

1. WATER LINE EASEMENT PENDING; TO BE AVOIDED OR RELOCATED

100 Year Max Flow Depth (ft)			
Minimum Elevation	Maximum Elevation	Color	
0.50	1.00		
1.01	1.50		
1.51	2.00		
2.01	2.50		
2.51	3.00		
3.01	4.00		
4.01	6.00		
6.00	20.00		

EXISTING PROPERTY LINE

EXISTING EASEMENT LINE

EXISTING RIGHT-OF-WAY LINE EXISTING OVERHEAD POWERLINE

EXISTING FEMA FLOOD ZONE X

EXISTING FEMA FLOOD ZONE A

EXISTING INDEX CONTOUR LINE

EXISTING INTERVAL CONTOUR LINE

PROPOSED ELECTRICAL EQUIPMENT

UNDERGROUND MVAC ROUTE OPTION 1

UNDERGROUND MVAC ROUTE OPTION 2

HDD (HORIZONTAL DIRECTIONAL DRILLING)

EXISTING FEMA REGULATORY FLOODWAY

EXISTING SECTION LINE

EXISTING PAVED ROAD

EXISTING GRAVEL ROAD

EXISTING STREAM BANK

PROPOSED SOLAR ARRAY

PROPOSED ACCESS ROAD

PROPOSED WALKING PATH

OVERHEAD MVAC ROUTE

PROPOSED SILT FENCE

MODULE SETBACK LINE DRAINAGE DIRECTION

PROPOSED SUBSTATION

STORAGE SYSTEM

PROPOSED LAYDOWN YARD

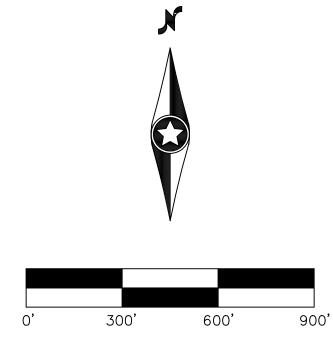
PROPOSED BATTERY ENERGY

PROPOSED SECURITY FENCE

Projec	t Module Setbacks
Item	Required
SIDE	10' FROM PROPERTY LINE
REAR	10' FROM PROPERTY LINE
FRONT	30' FROM PROPERTY LINE

Disturbance Limits	
Item	Area
TOTAL CLEARING AND GRUBBING (WITHIN PROPOSED SECURITY FENCE).	415 acres

Fenced Area	
Location	Area (acres)
BOARDMAN (NORTH)	105
CROSBY (CENTRAL)	270
STANLEY (SOUTH)	40
TOTAL	415



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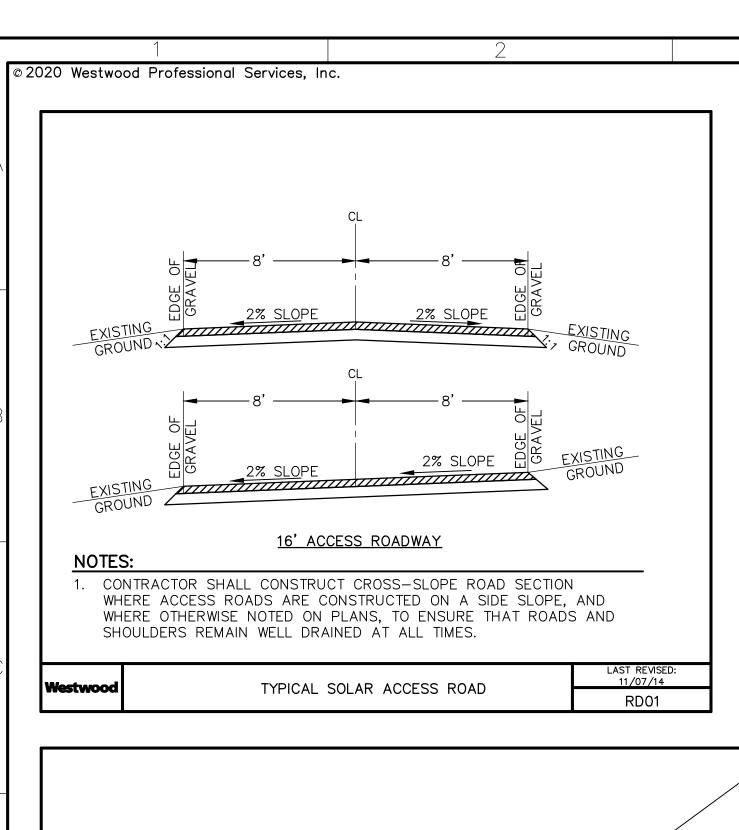
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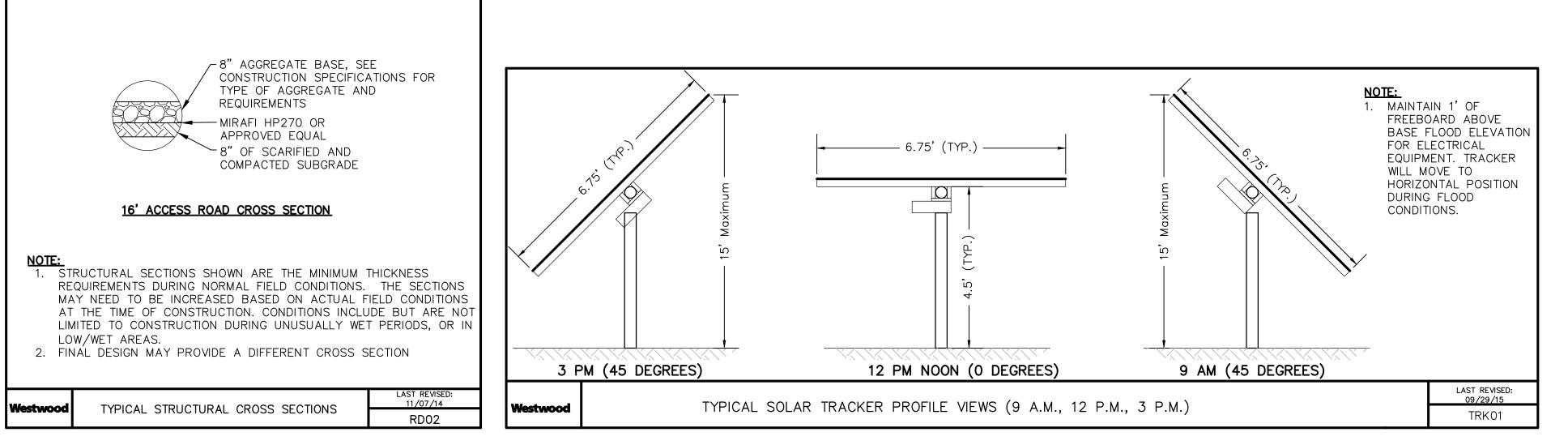
Civil Site Plan-South

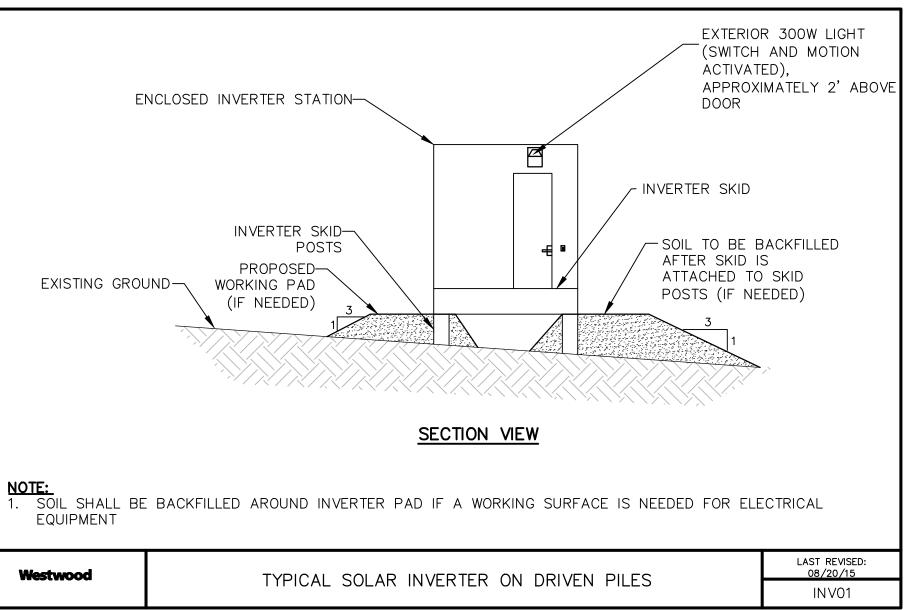
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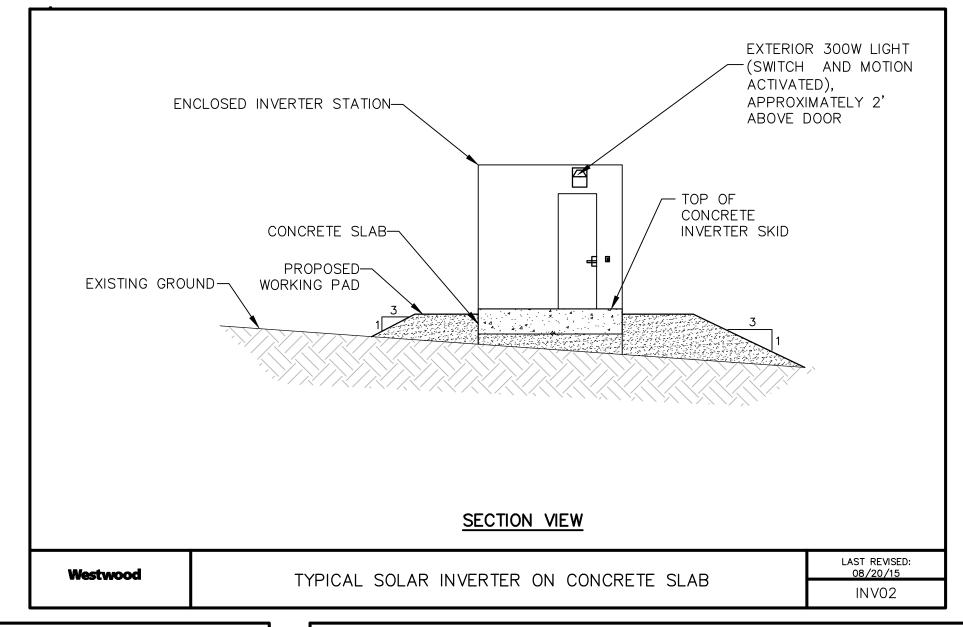
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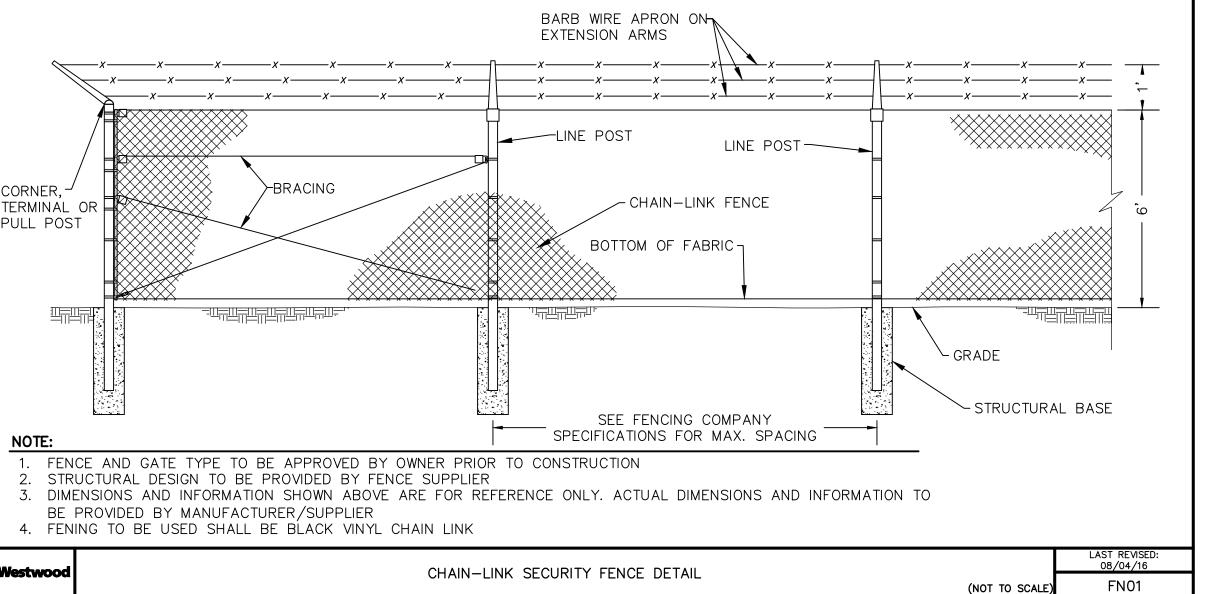
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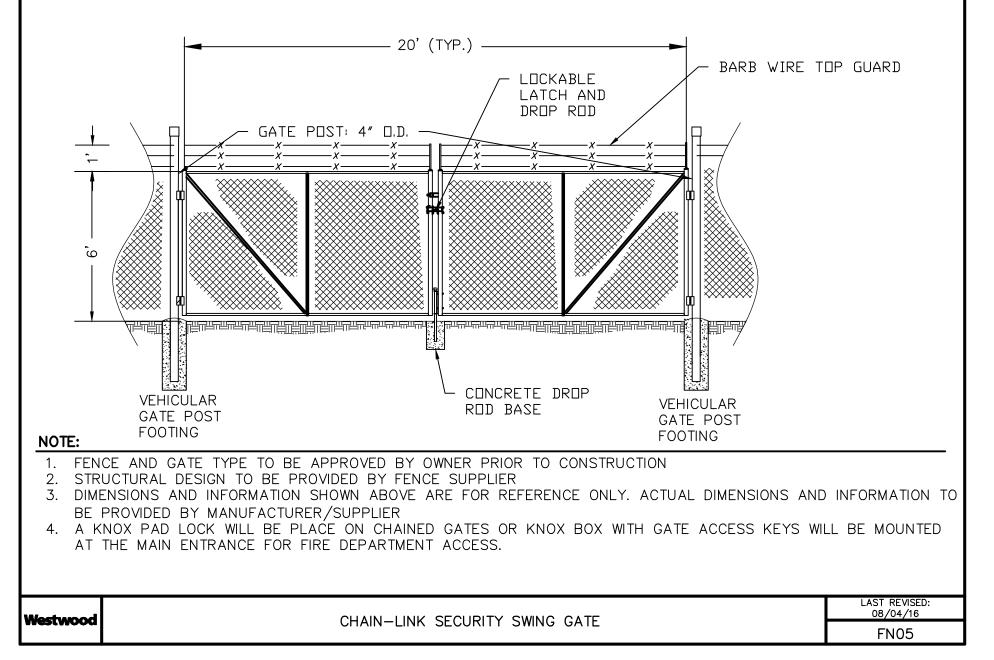












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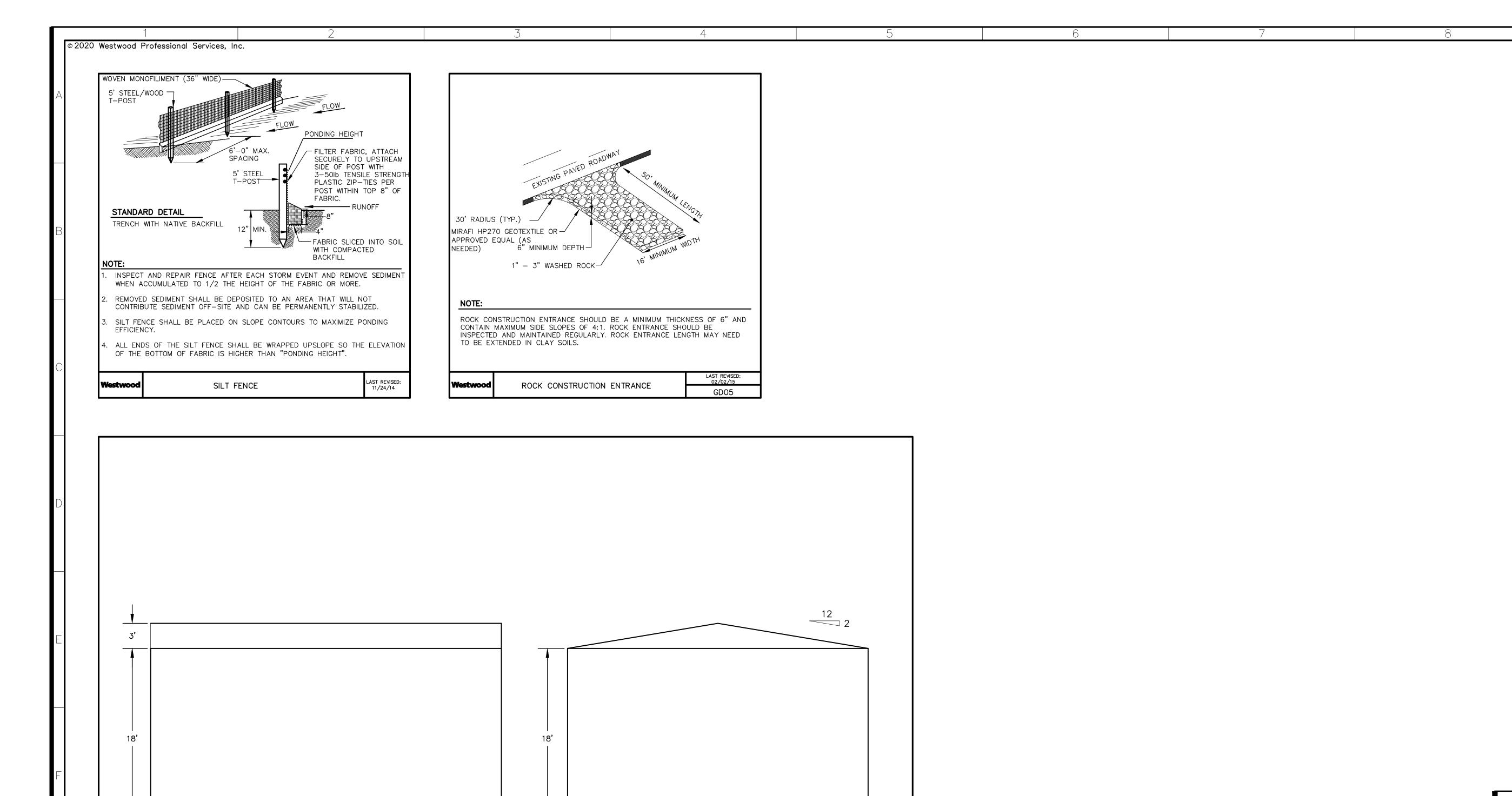
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LAST REVISED: 12/13/17

NOTE: 1. NOT TO SCALE

O&M AND SCADA STRUCTURE ELEVATION

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