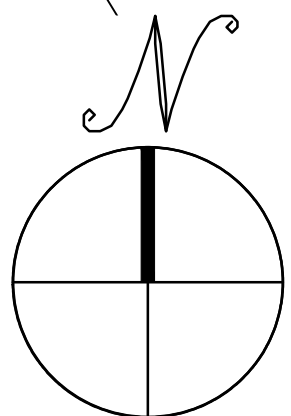


515 HENSHAW ST., ROCHDALE, MA. 01542
1339.200 kW DC STC RATED SOLAR ELECTRIC SYSTEM

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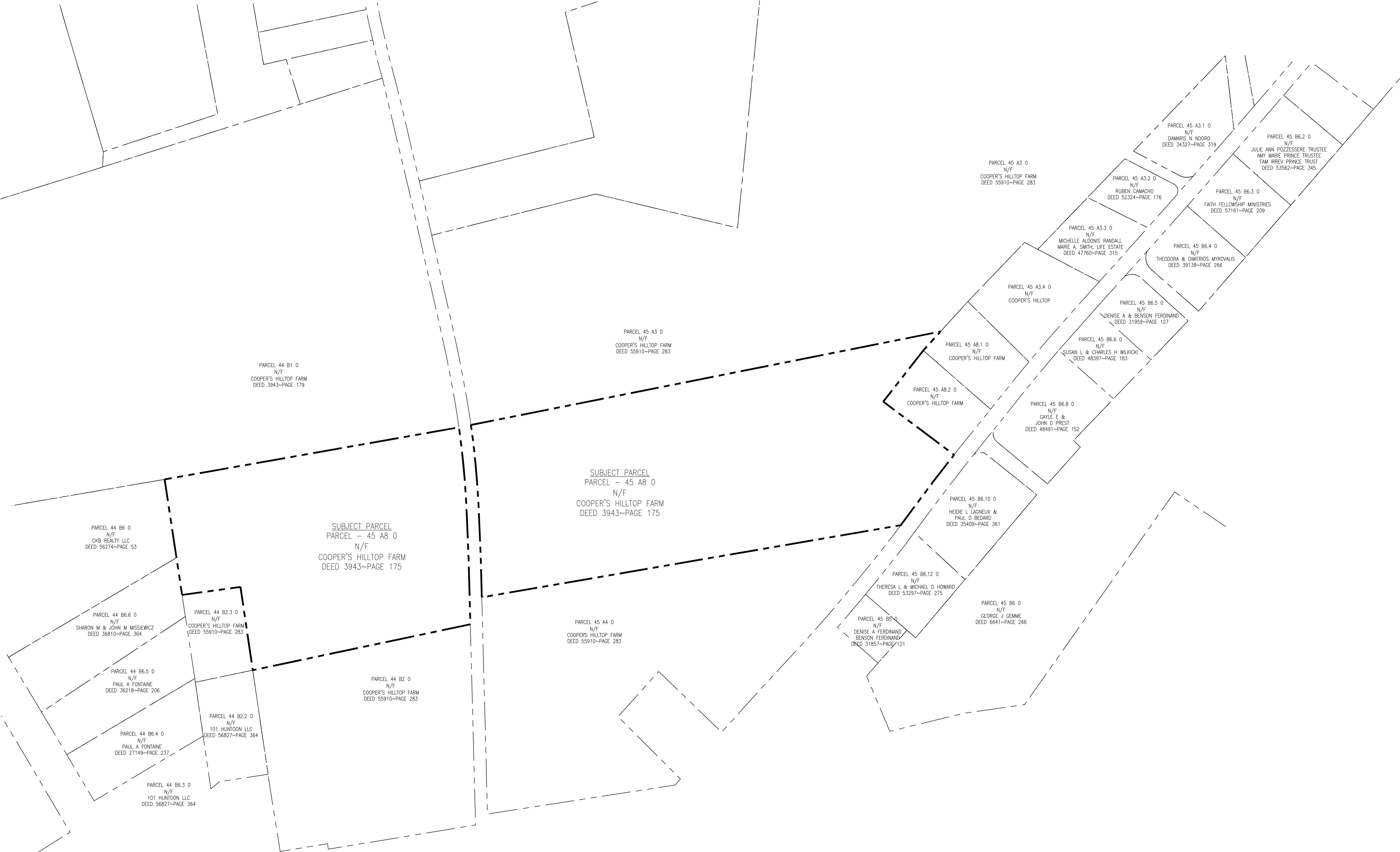
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OVERALL PLAN

SCALE: 1" = 150'



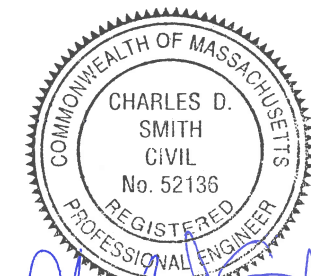
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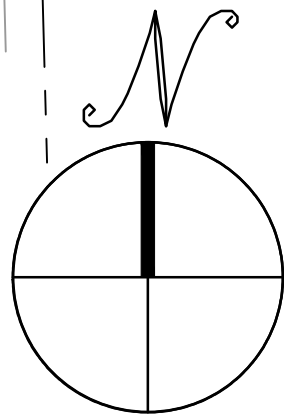
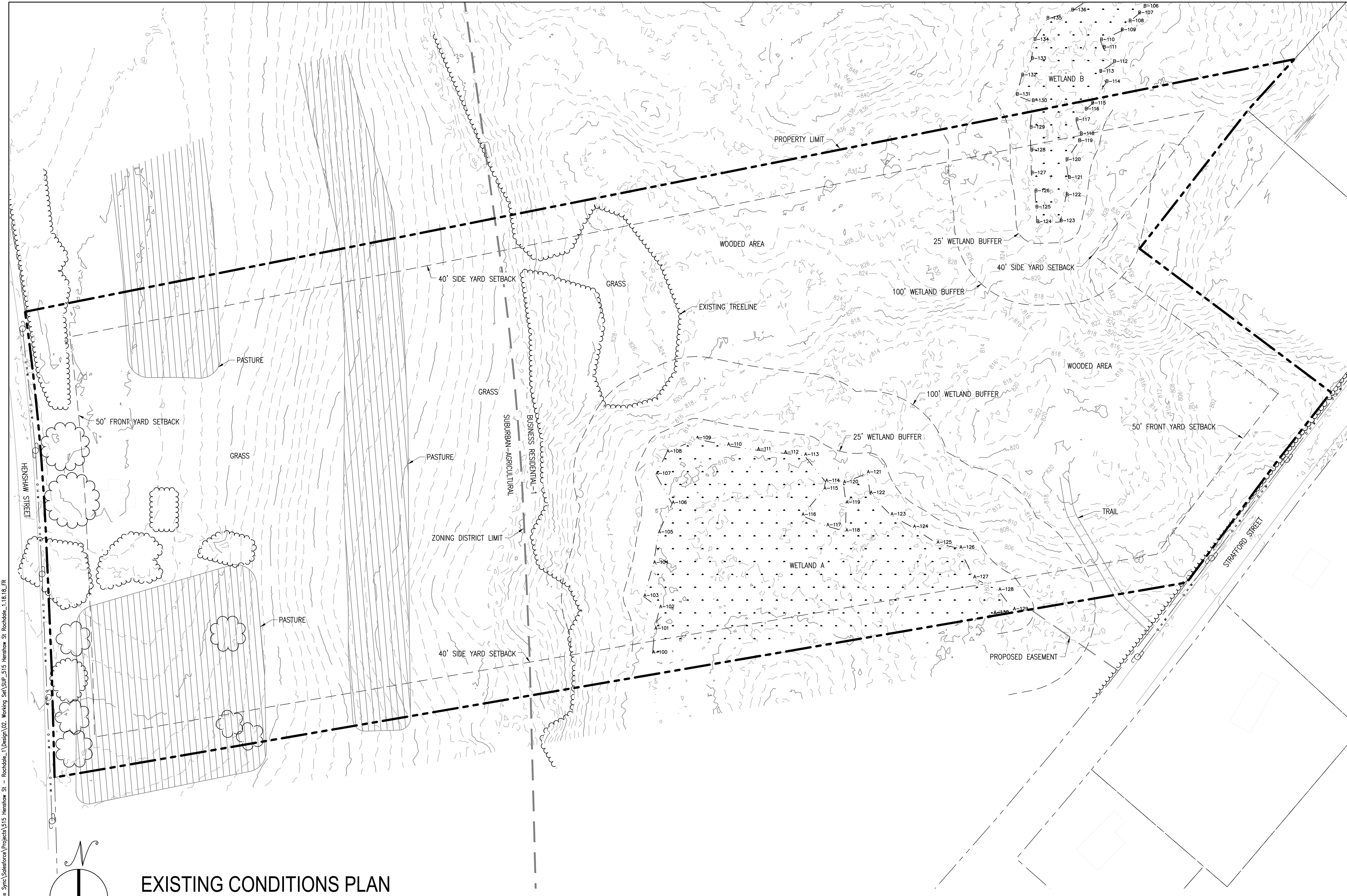
PROJECT NUMBER:
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	1/19/18	FR	CDS	SPECIAL PERMIT APPLICATION

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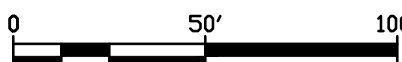
C-1.0
OVERALL PLAN

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EXISTING CONDITIONS PLAN

SCALE: 1" = 50'



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C-1.1
EXISTING CONDITIONS PLAN

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CHARLES D. SMITH
CIVIL
No. 52136
REGISTERED PROFESSIONAL ENGINEER

Charles D. Smith
1/19/18

SITE PLANS
515 HENSHAW STREET
LEICESTER, MA 01542

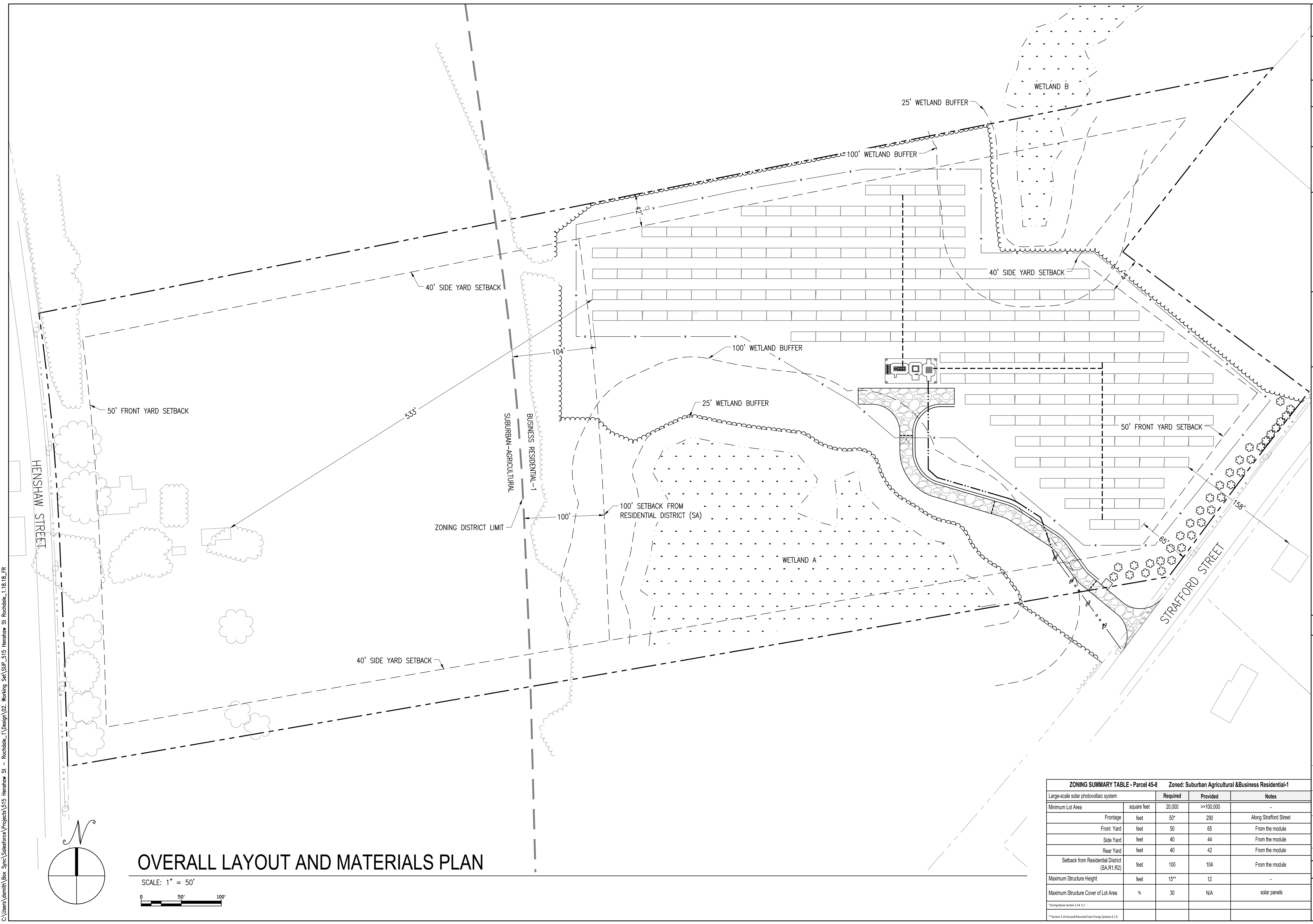
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	1/19/18	FR	CDS	SPECIAL PERMIT APPLICATION

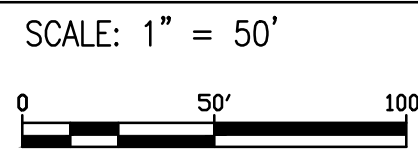
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C-2.0
TREE CLEARING PLAN

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OVERALL LAYOUT AND MATERIALS PLAN



ZONING SUMMARY TABLE - Parcel 45-3					Zoned: Suburban Agricultural & Business Residential-1			
Large-scale solar photovoltaic system		Required	Provided	Notes				
Minimum Lot Area		square feet	20,000	>>100,000				
Frontage		feet	50*	290	Along Stafford Street			
Front Yard		feet	50	65	From the module			
Side Yard		feet	40	44	From the module			
Rear Yard		feet	40	42	From the module			
Setback from Residential District (SA,R1,R2)		feet	100	104	From the module			
Maximum Structure Height		feet	15**	12				
Maximum Structure Cover of Lot Area		%	30	N/A	solar panels			
*Zoning Bylaw Section 5.14.5.2								
**Section 5.14 Ground-Mounted Solar Energy Systems 6.2.8								

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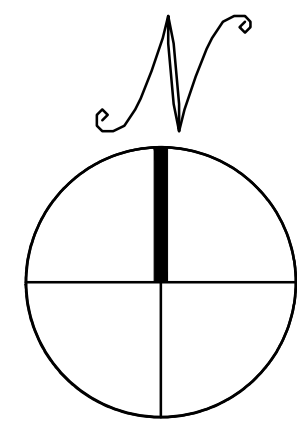
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	1/19/18						

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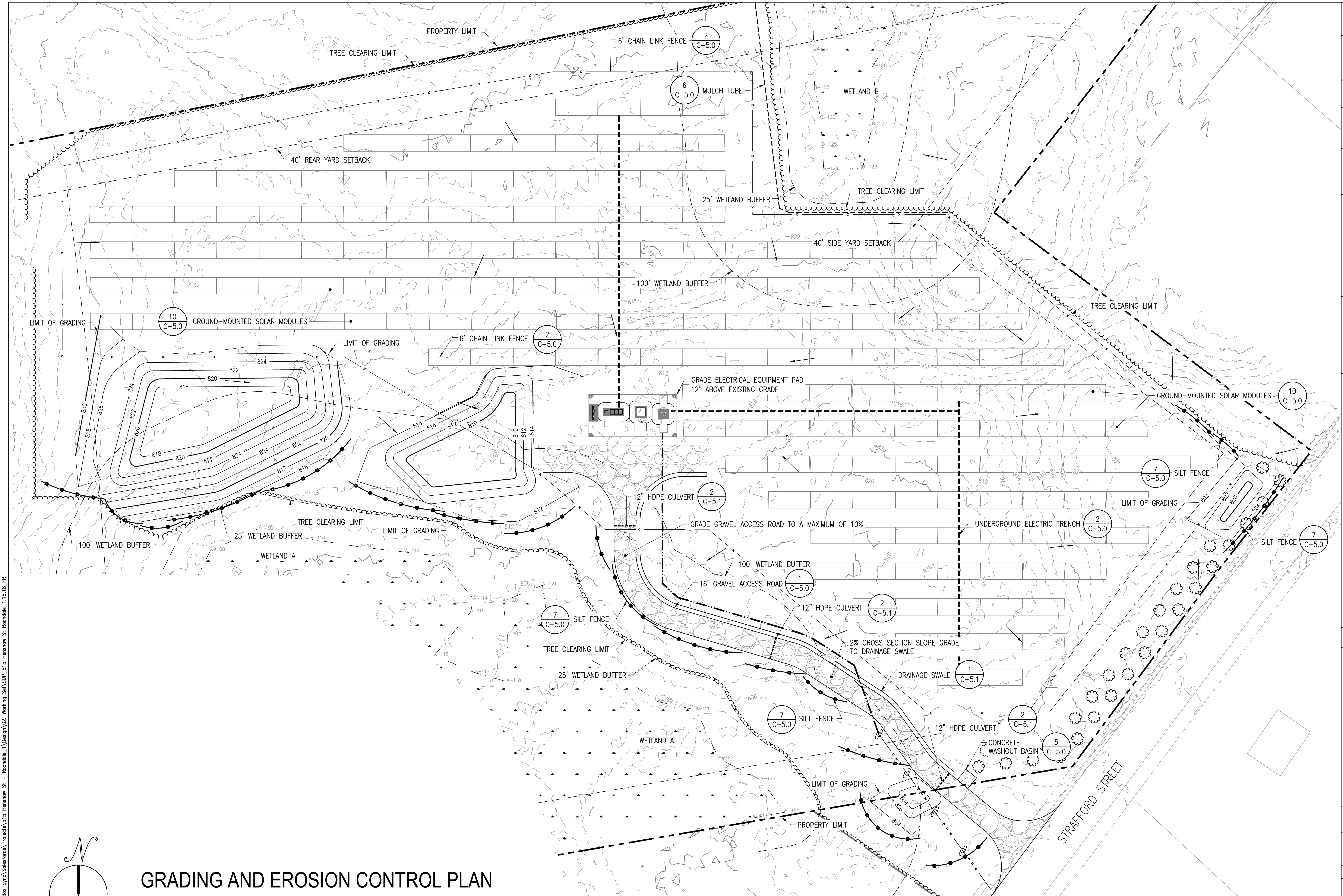
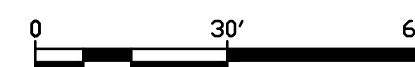
C-3.0
OVERALL LAYOUT AND MATERIALS PLAN

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GRADING AND EROSION CONTROL PLAN

SCALE: 1" = 30'



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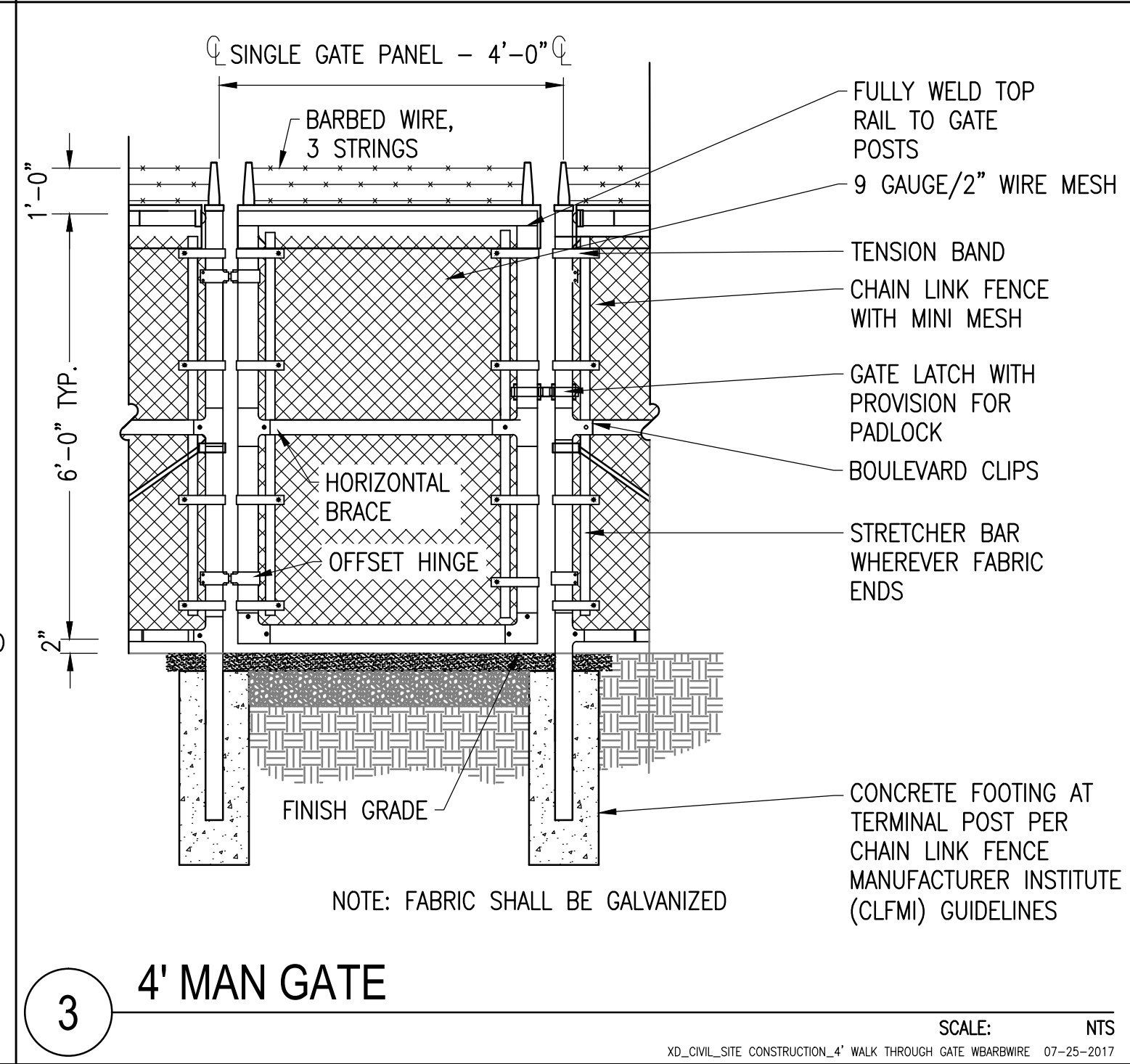
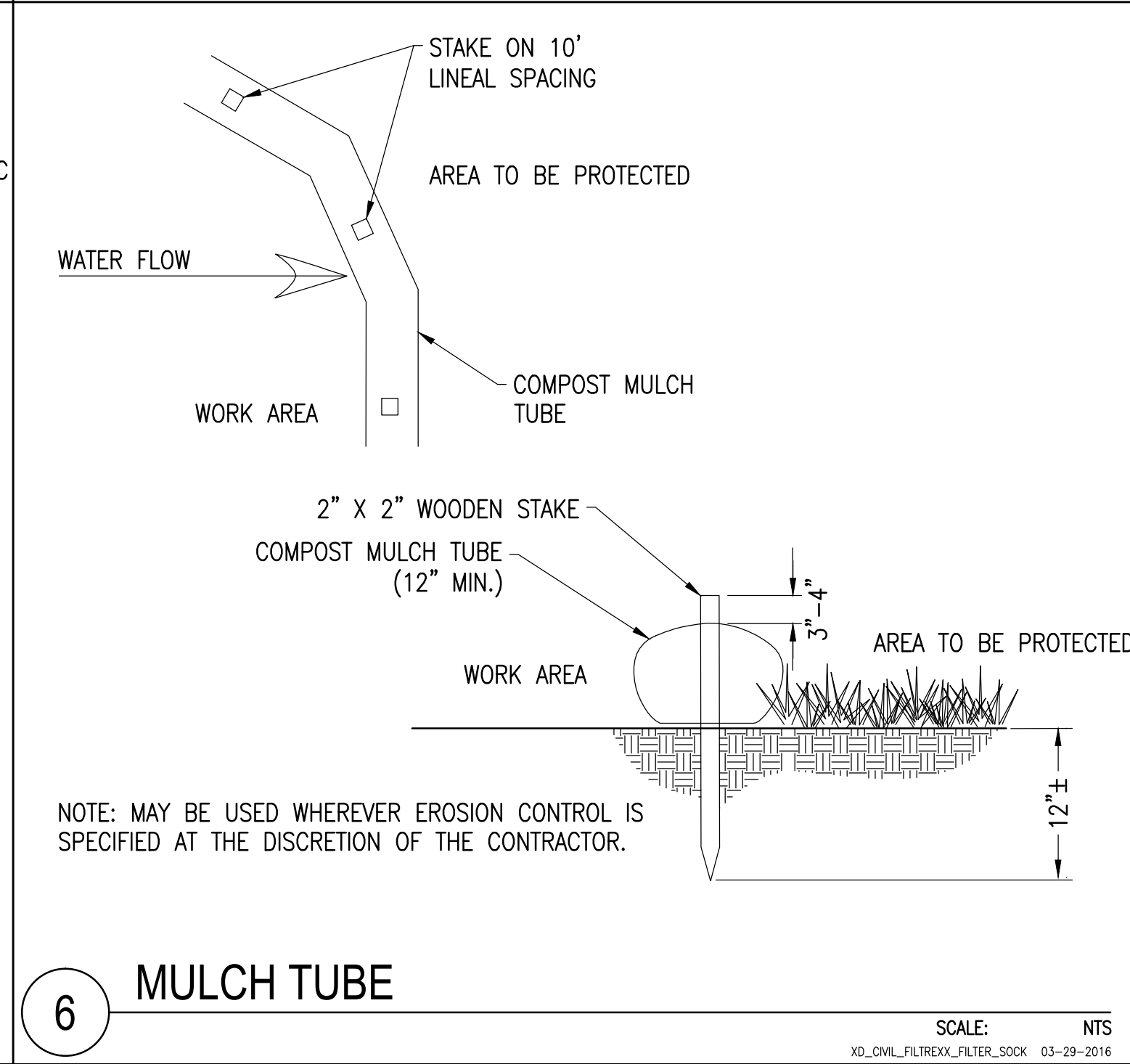
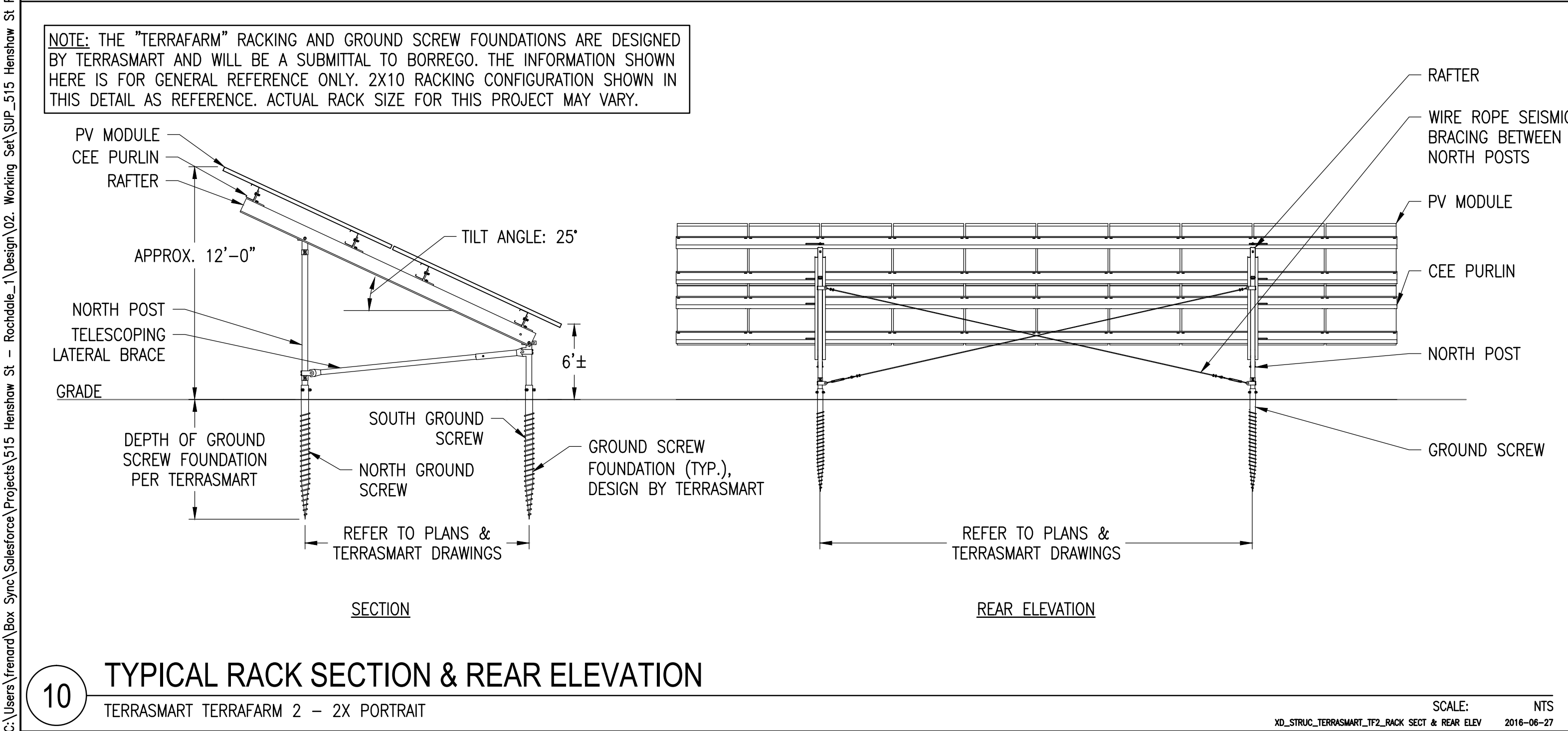
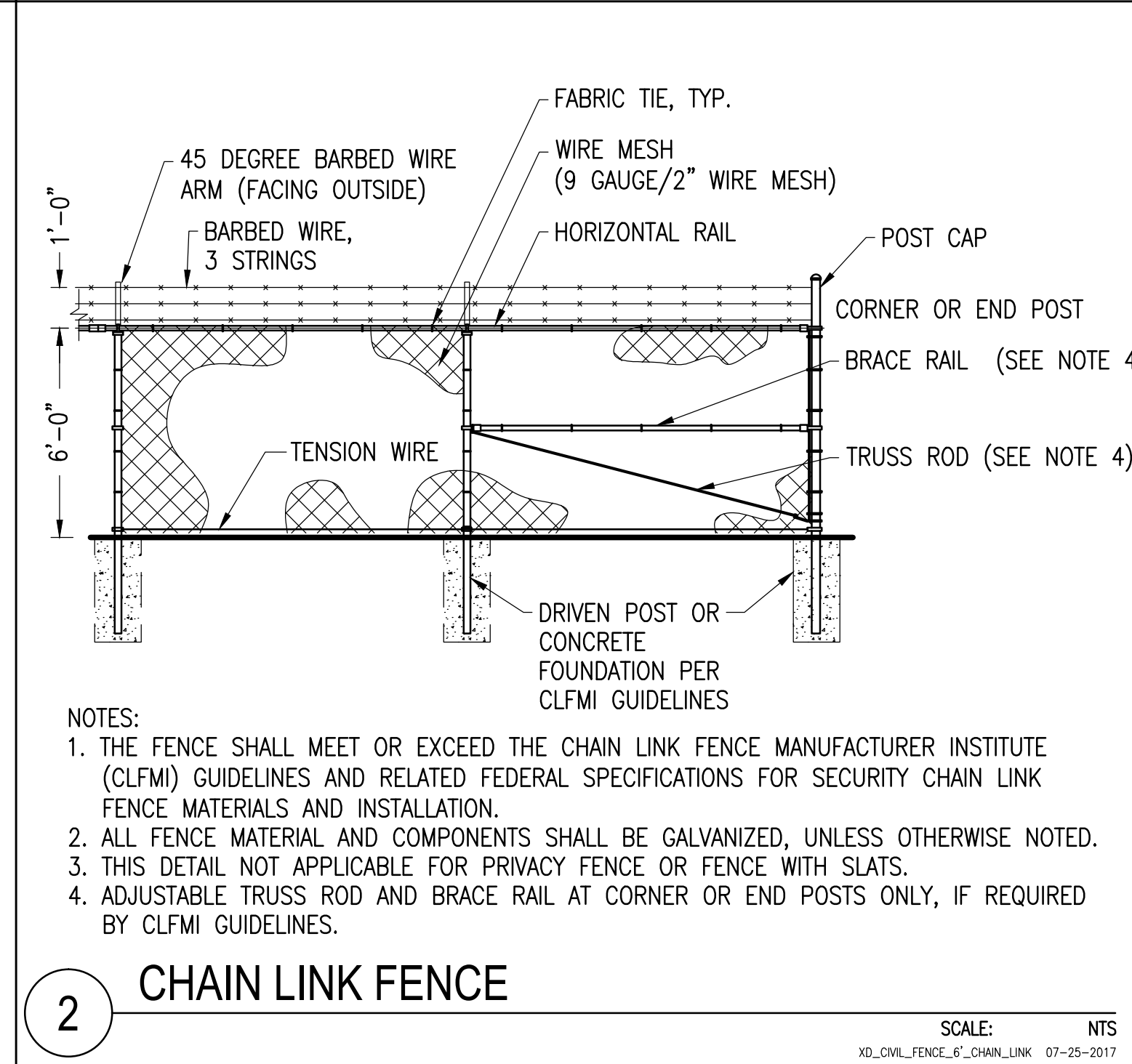
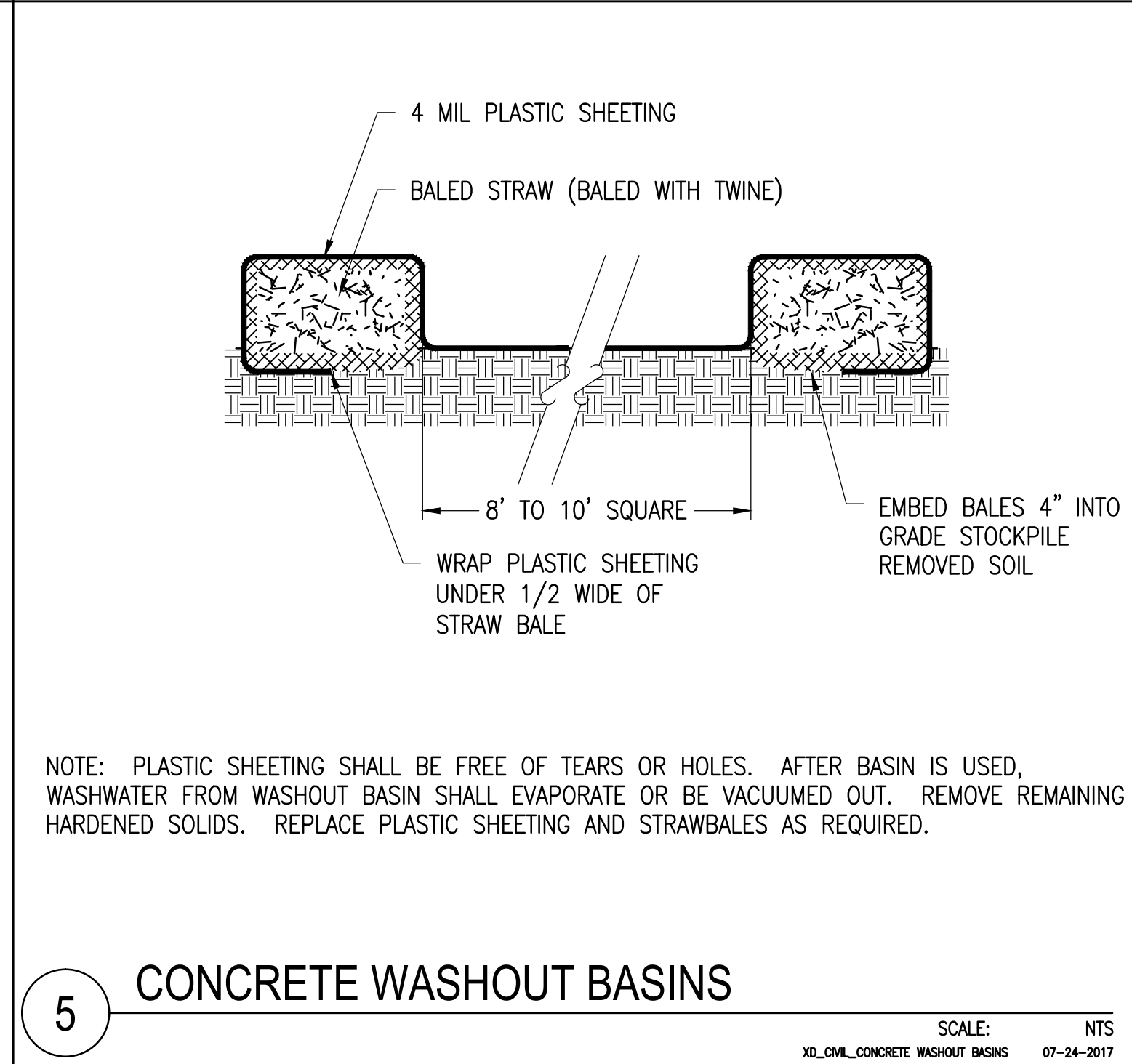
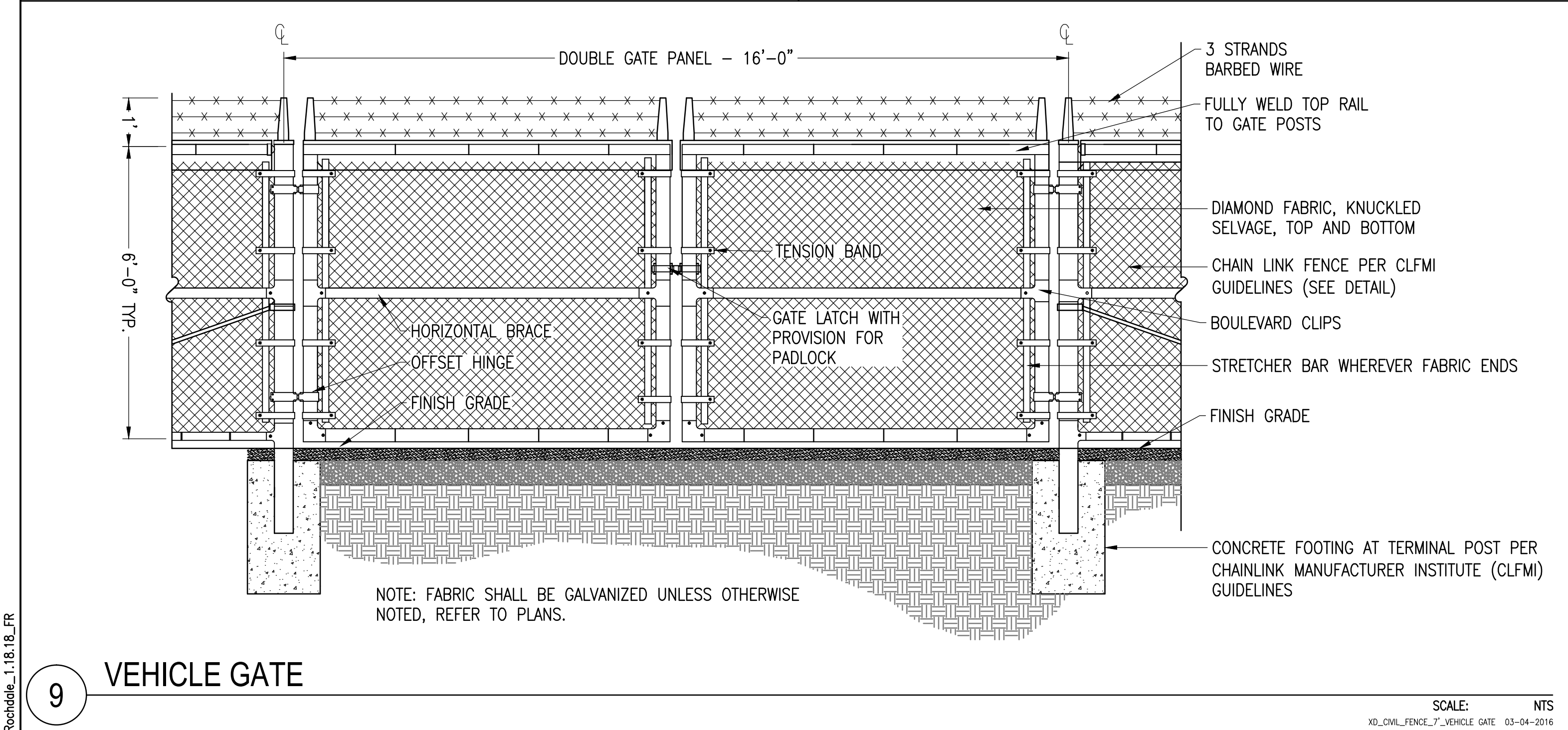
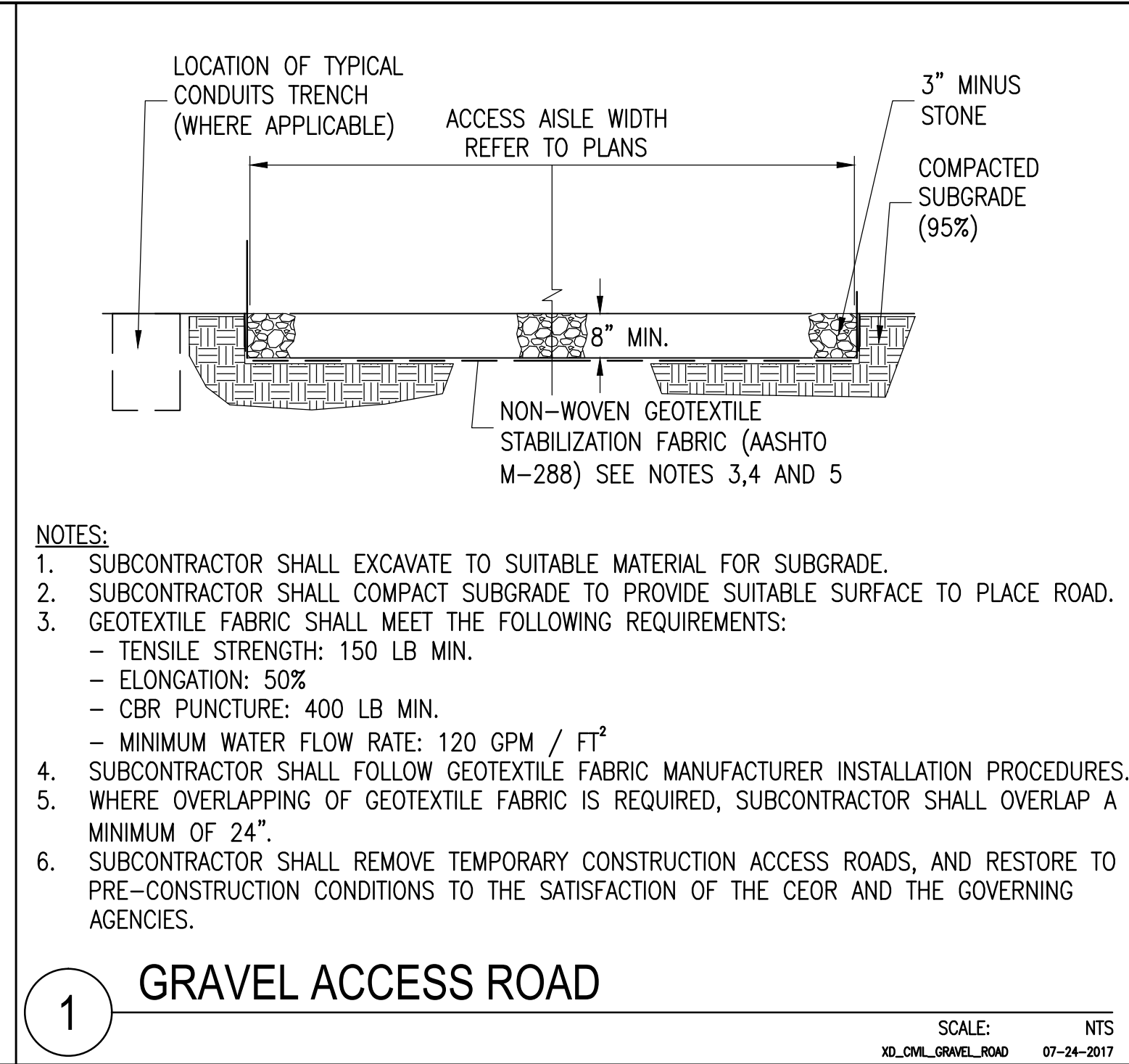
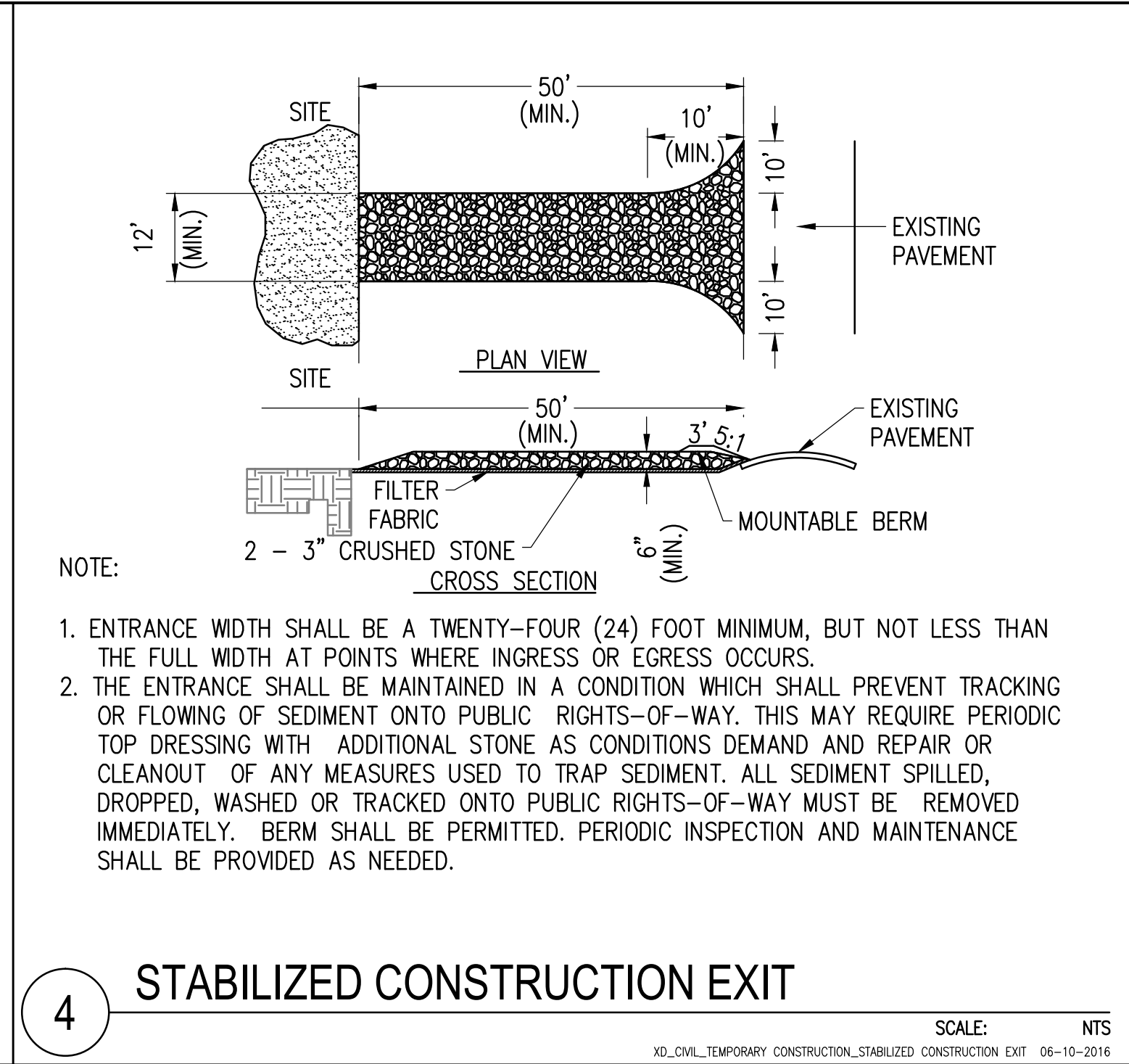
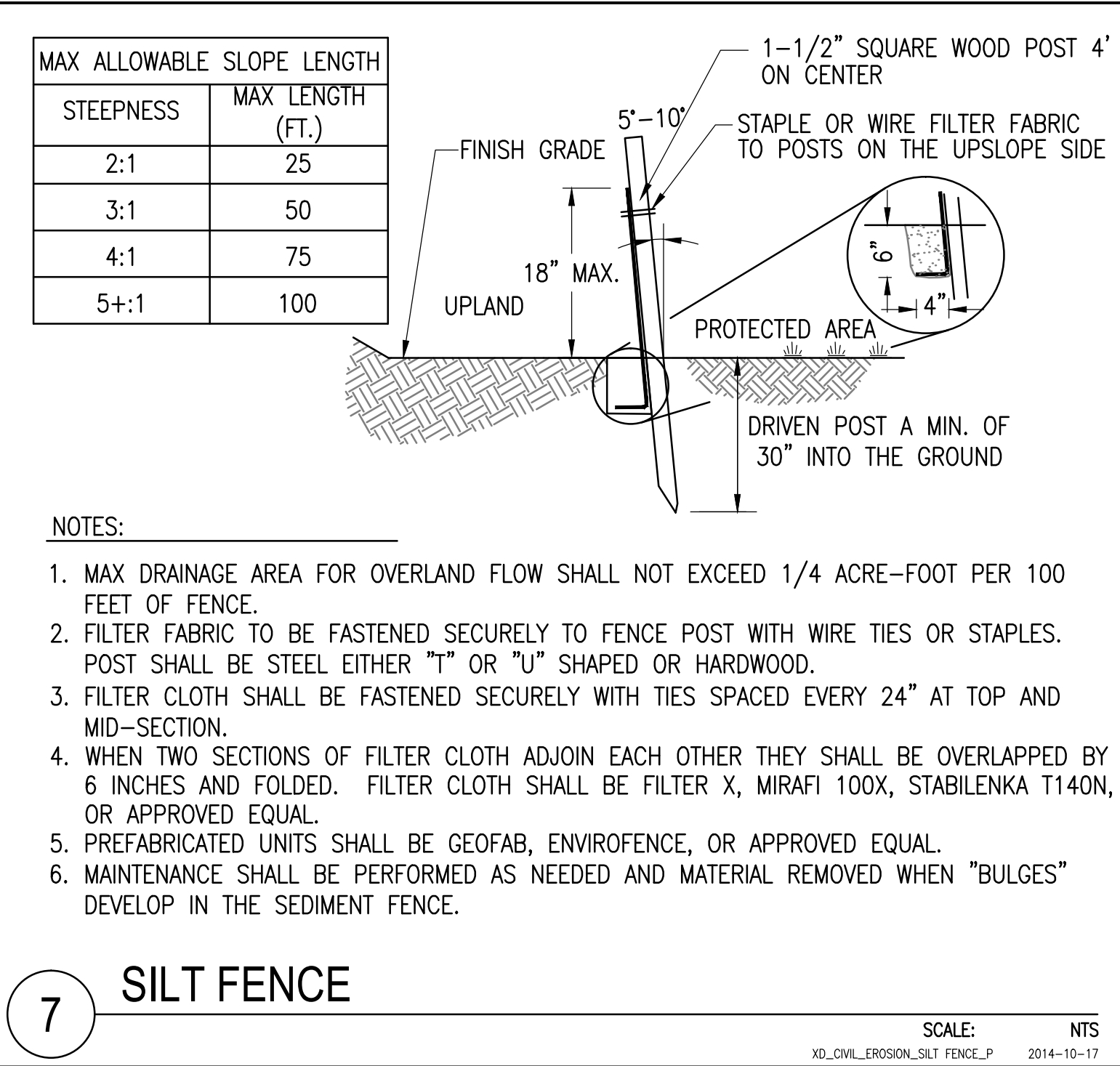
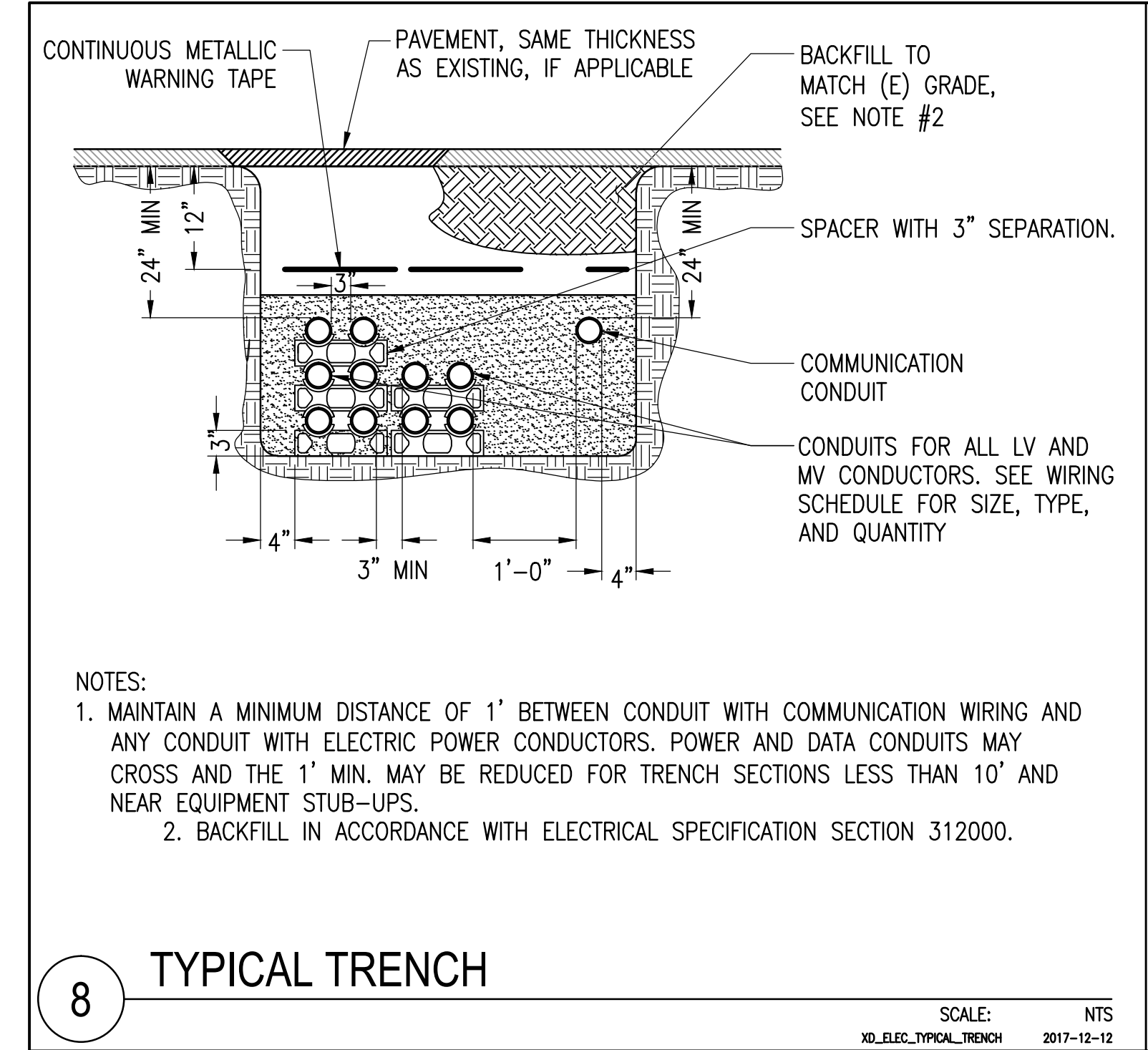
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C-4.0
GRADING AND EROSION
CONTROL PLAN



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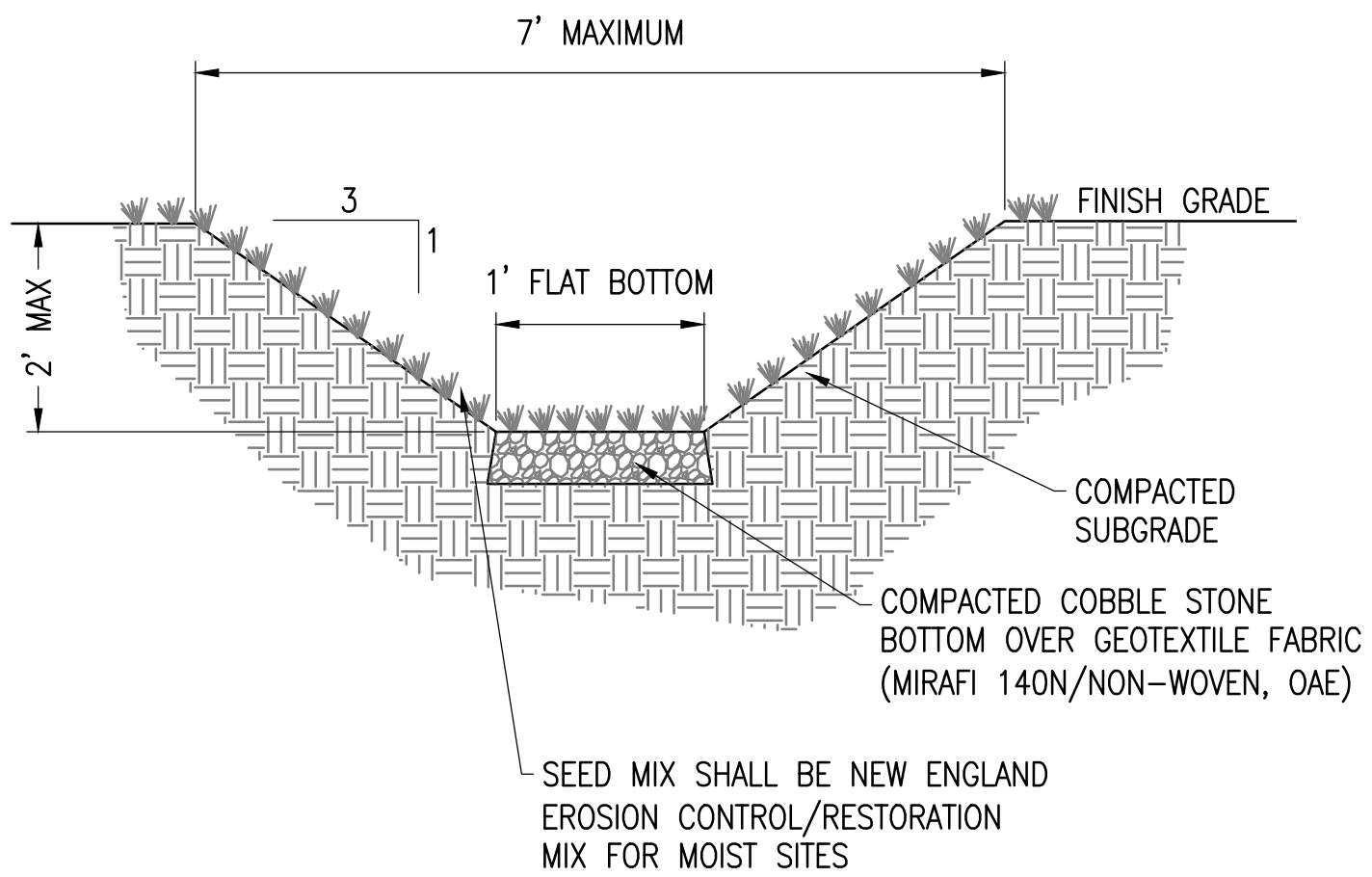
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C-5.0
CIVIL DETAILS

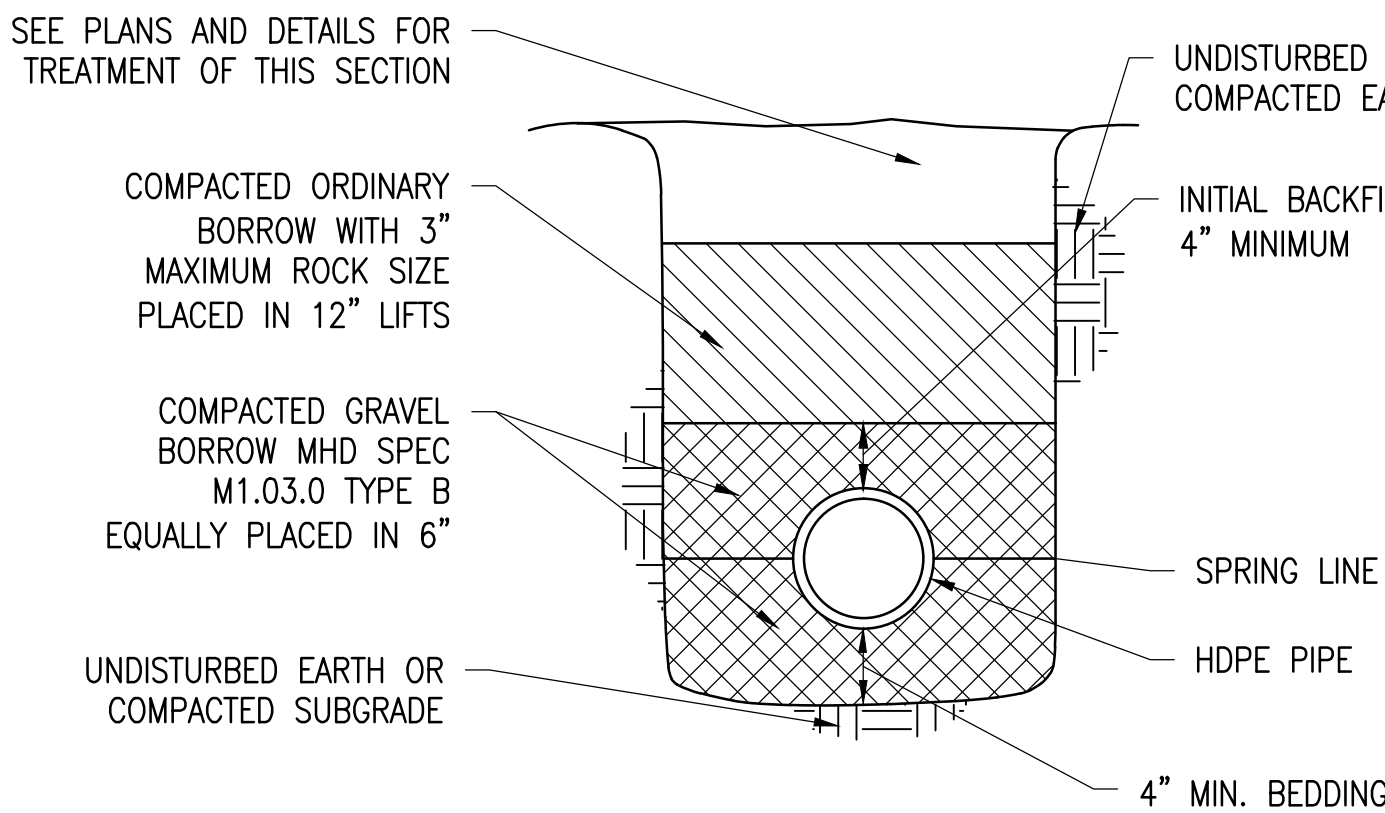
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1 COBBLE BOTTOM/EARTH SIDES SWALE

SCALE: NTS
XD_CIVIL_DRAINAGE_COBBLE_BOTTOM_SWALE 06-27-2016

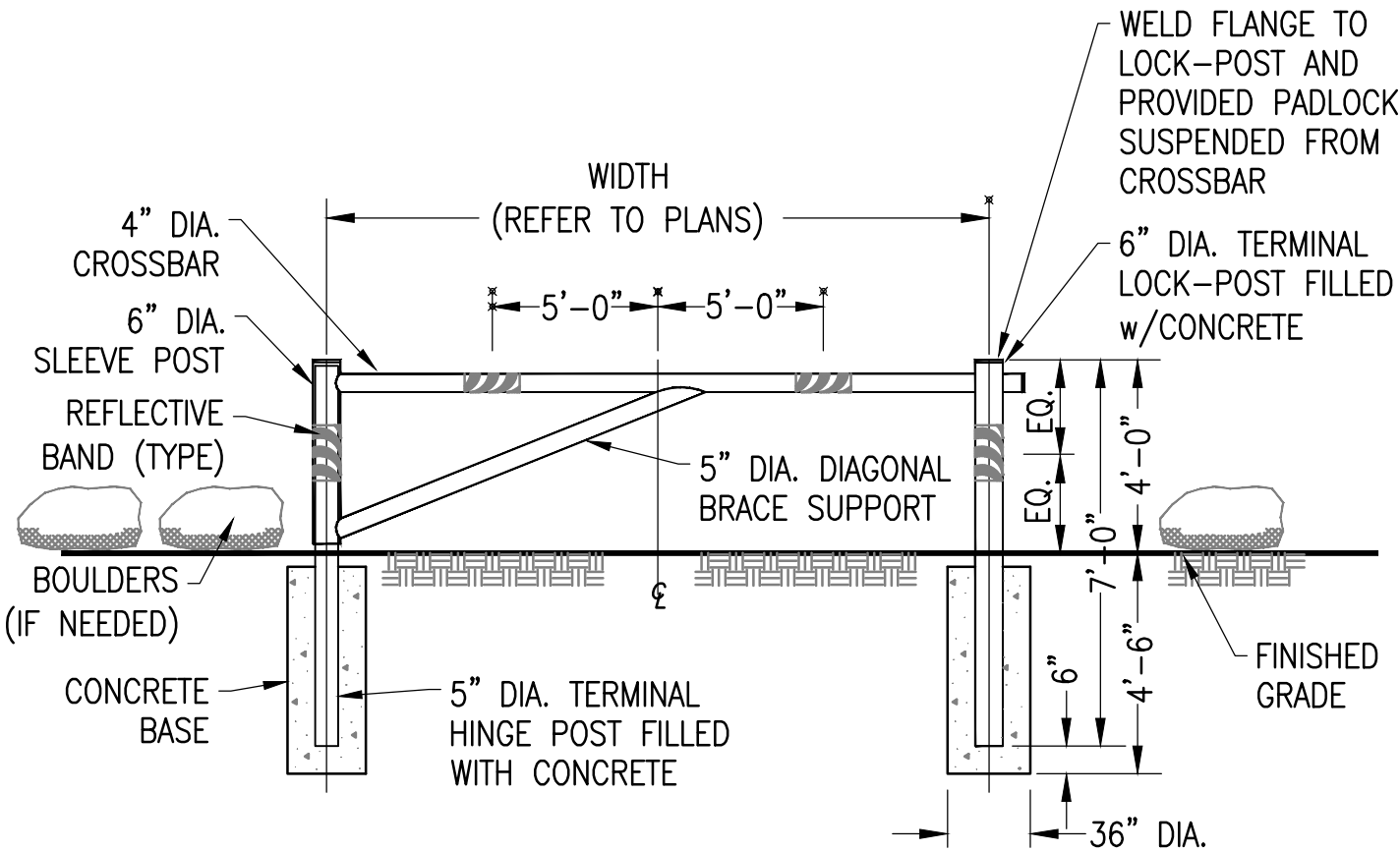


NOTES:

- TRENCH EXCAVATION WIDTH TO ALLOW FOR FREE TRAVEL OF COMPACTION EQUIPMENT.
- ALL COMPACTION TO A MINIMUM 95 PERCENT DRY DENSITY DETERMINED BY ASTM D1557 SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

2 HDPE DRAIN PIPE BEDDING

SCALE: NTS
XD_CIVIL_D_HDPE DRAIN PIPE BEDDING 06-28-2016



NOTE:

CONTRACTOR SHALL ENSURE NO VEHICULAR ACCESS (INCLUDING MOTORCYCLES, ATVS, ETC.) AROUND BARRIER GATE.

3 BARRIER GATE

SCALE: NTS
XD_CIVIL_ACCESS_BARRIER_GATE 07-05-2016

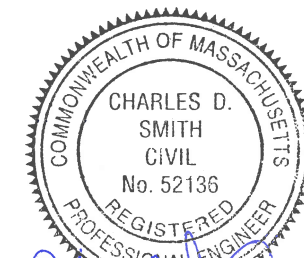
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