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Project Information

DOMINION VIRGINIA POWER
COURTNEY FISHER
ONE JAMES RIVER PLAZA
701 E. CARY STREET
RICHMOND, VA 23219
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www.dom.com

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GLEN ALLEN, VA 23059
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FAX: 804.264.3244
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CULTURAL/ARCHEOLOGICAL
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CULTURAL RESOURCES, INC.
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U.S. ARMY CORPS OF ENGINEERS
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GLEN ALLEN, VIRGINIA 23060
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JAMES CITY COUNTY
101-A MOUNTS BAY ROAD
P.O. BOX 8784
WILLIAMSBURG, VA 23187
FAX: 757.253.6822
PHONE: 757.253.6685
PLANNING:
DAVID W. GERMAN
SENIOR PLANNER

FLOOD PLAIN NOTE:

BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE "X" (AREA OUTSIDE OF 100 YEAR FLOODPLAIN) OF THE FEMA FLOOD INSURANCE RATE MAP, COMMUNITY PANEL 0230C (51095C0230C), WHICH BEARS AN EFFECTIVE DATE OF SEPTEMBER, 28 2007 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA.

MISCELLANEOUS NOTES:

1. THIS PROJECT IS LOCATED IN THE PRIMARY SERVICE AREA (PSA) OF JAMES CITY COUNTY.
2. ALL NEW UTILITIES SHALL BE PLACED UNDERGROUND. BEFORE YOU DIG CALL MISS UTILITY OF VIRGINIA 800.552.7001.
3. ALL NEW SIGNS SHALL BE IN ACCORDANCE WITH ARTICLE II, DIVISION 3 OF THE JAMES CITY COUNTY ZONING ORDINANCE.

RESPONSIBLE LAND DISTURBER

THE DEWBERRY ENGINEERS INC. SEALING ENGINEER SHALL BE THE RESPONSIBLE LAND DISTURBER (RLD) FOR THIS PROJECT FOR APPROVAL PURPOSES ONLY. ONCE THE PROJECT HAS BEEN AWARDED, THE CONTRACTOR SHALL ASSUME THE RESPONSIBILITIES OF BEING THE RLD AND FILE THE NECESSARY PAPER WORK WITH THE COUNTY.



Skiffes Creek Switching Station 500 kV from Surry James City County, Virginia Site Plan Bid Set

Client: Dominion Virginia Power



Site Statistics

SITE ADDRESS:	N/A
EXISTING USE:	VACANT
PROPOSED USE:	ELECTRIC SUBSTATION & ACCESS ROAD (VIA OLD CSX RAIL SPUR)
SITE AREA:	55.0ac (SUBSTATION SITE) & 11.845ac (ACCESS ROAD) = 66.845ac
PARKING REQUIRED:	N/A
PARKING PROVIDED:	N/A
HANDICAP REQUIRED/PROVIDED:	N/A
TOTAL SITE AREA:	55.0ac (SUBSTATION SITE) & 11.845ac (ACCESS ROAD) = 66.845ac
TOTAL IMPERVIOUS/% TOTAL:	13.8ac/20.6%
TOTAL BUILDING COVERAGE:	0.07ac
TOTAL PERVIOUS/% TOTAL:	53.05ac/79.4%
OPEN SPACE/% TOTAL:	53.05ac/79.4%
TOTAL DISTURBED AREA:	~22.17ac
ZONING:	SUBSTATION SITE = R-8 (RURAL RESIDENTIAL); ACCESS ROAD = N/A
TAX MAP/PARCEL NO.:	SUBSTATION SITE = (59-2)(1-02); ACCESS ROAD = N/A



CIVIL

Dewberry Engineers Inc.

4805 Lake Brook Drive, Suite 200
Glen Allen, Virginia 23060
PHONE: 804.290.7957
FAX: 804.290.7928
www.dewberry.com

GEOTECHNICAL

Schnabel Engineering

9800 JEB Stuart Parkway, Suite 100
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SURVEYOR

Dewberry Engineers Inc.

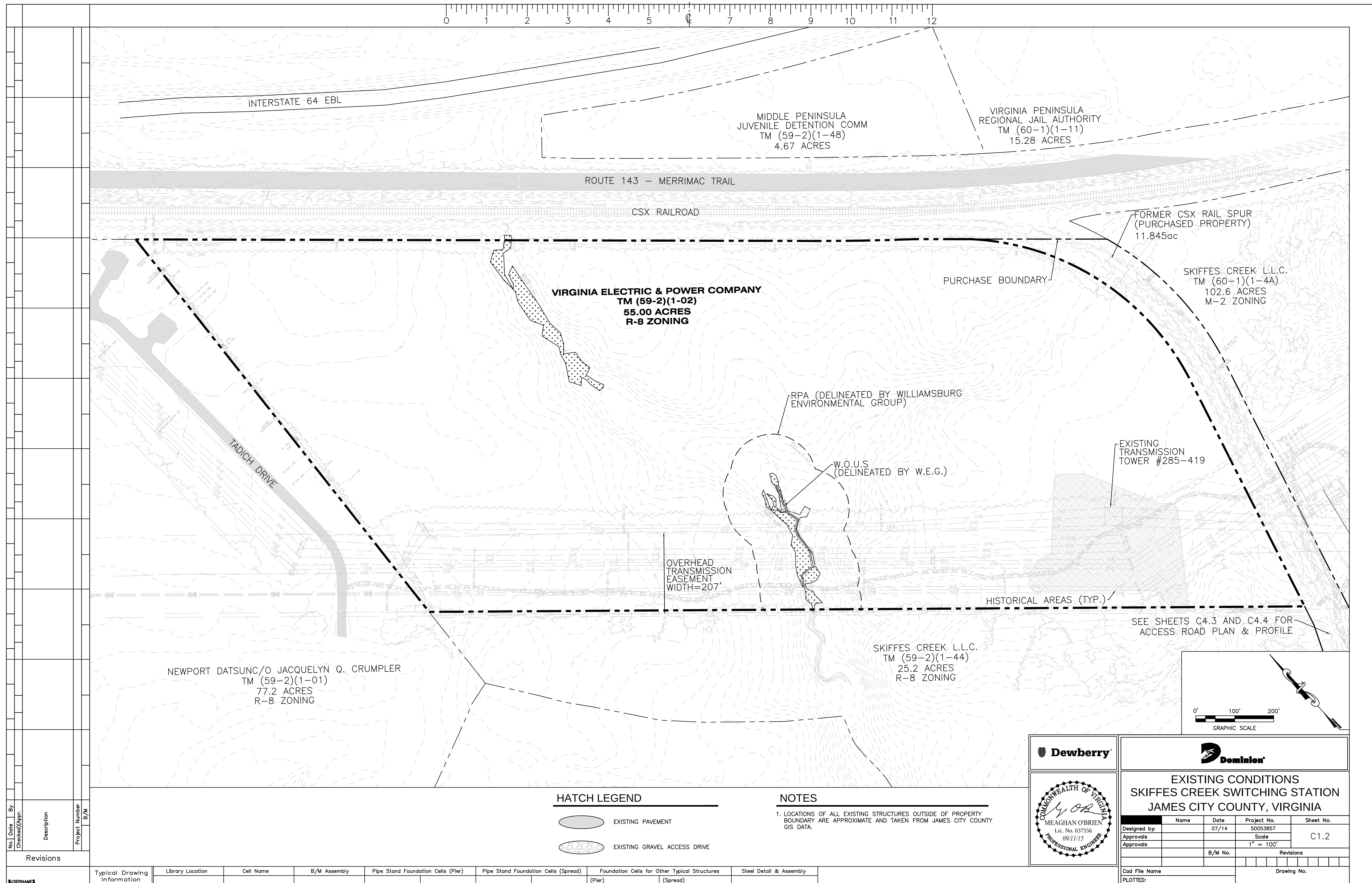
4805 Lake Brook Drive, Suite 200
Glen Allen, Virginia 23060
PHONE: 804.290.7957
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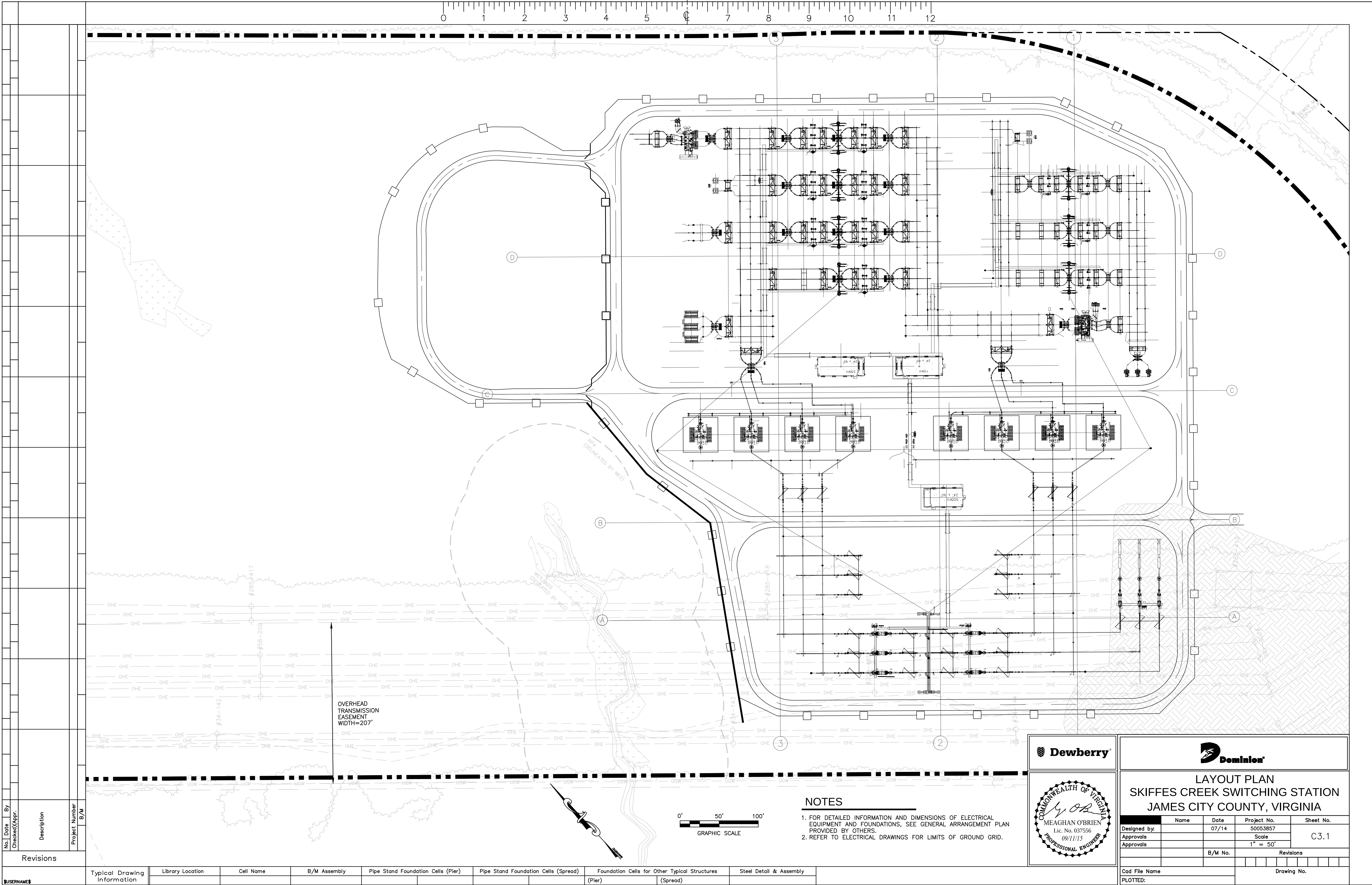
SEAL



SEPTEMBER 2015

SUBMISSION DATE





No.	Date	By	Description
		Checked/Aspr.	
Revisions			
		Project Number	B/M

Typical Drawing Information	Library Location	Cell Name	B/M Assembly	Pipe Stand Foundation Cells (Pier)	Pipe Stand Foundation Cells (Spread)	Foundation Cells for Other Typical Structures	Steel Detail & Assembly
						(Pier)	(Spread)

NOTES

1. FOR DETAILED INFORMATION AND DIMENSIONS OF ELECTRICAL EQUIPMENT AND FOUNDATIONS, SEE GENERAL ARRANGEMENT PLAN PROVIDED BY OTHERS.

2. REFER TO ELECTRICAL DRAWINGS FOR LIMITS OF GROUND GRID.

LAYOUT PLAN

SKIFFES CREEK SWITCHING STATION

JAMES CITY COUNTY, VIRGINIA

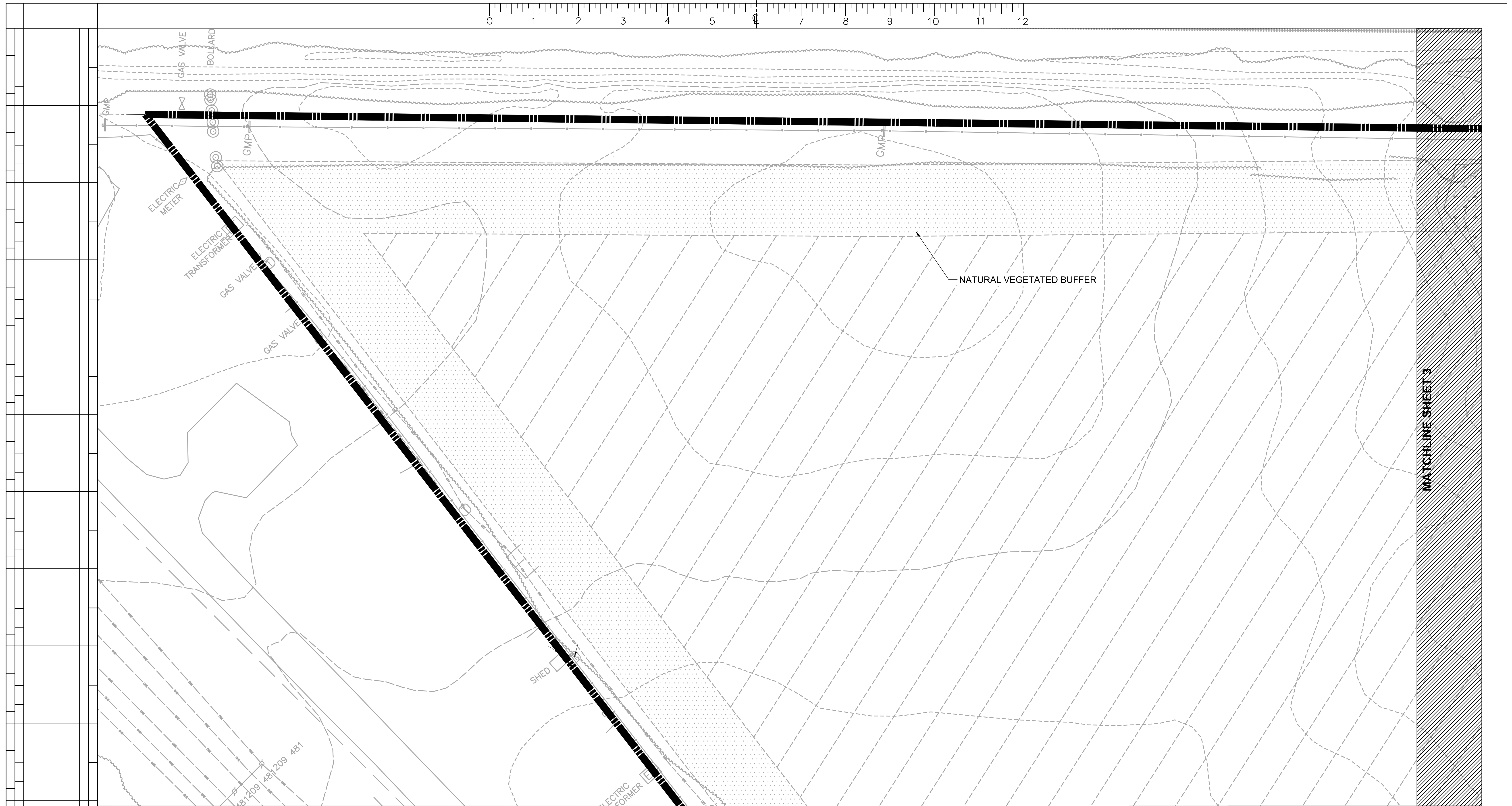
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Approvals		07/14	50053857	C3.1
Approvals			Scale	
			1" = 50'	

B/M No.	Revisions

Cad File Name

PLOTTED:

Drawing No.

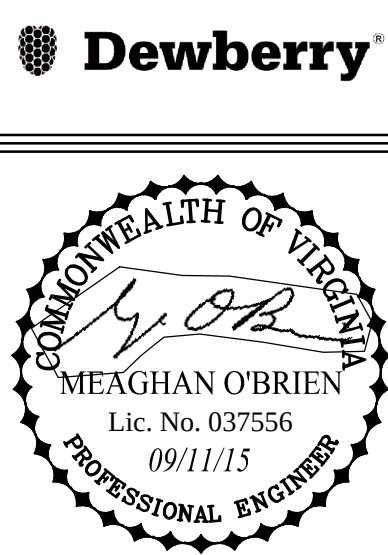
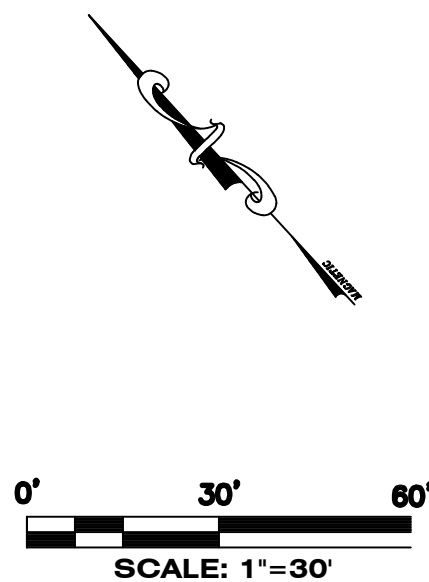


MATCHLINE SHEET 2

- ## LEGEND - STANDARD PLANTING
- | | |
|---|---|
|  | DECIDUOUS CANOPY TREE
<i>'RED SUNSET' MAPLE, YELLOWWOOD, LITTLELEAF LINDEN</i> |
|  | EVERGREEN TREE
<i>EASTERN RED CEDAR, 'GREEN GIANT' ARBORVITAE, 'NELLIE R. STEVENS' HOLLY</i> |
|  | ORNAMENTAL TREE
<i>'JANE' MAGNOLIA, DWARF REDBUD VARIETY, FRINGETREE, CRAPE MYRTLE</i> |
|  | SMALL EVERGREEN TREE
<i>ROBIN HOLLY, IDYLVILD JUNIPER,</i> |
|  | EVERGREEN SHRUB
<i>INKBERRY, BAYBERRY, SWEETSPIRE</i> |

NOTE:

NEW PLANTING MATERIAL PROPOSED IN THE AREAS OF EXISTING TREES ARE INTENDED TO SUPPLEMENT THE EXISTING TREES. LOCATIONS WILL BE FINALIZED IN THE FIELD AT TIME OF PLANTING

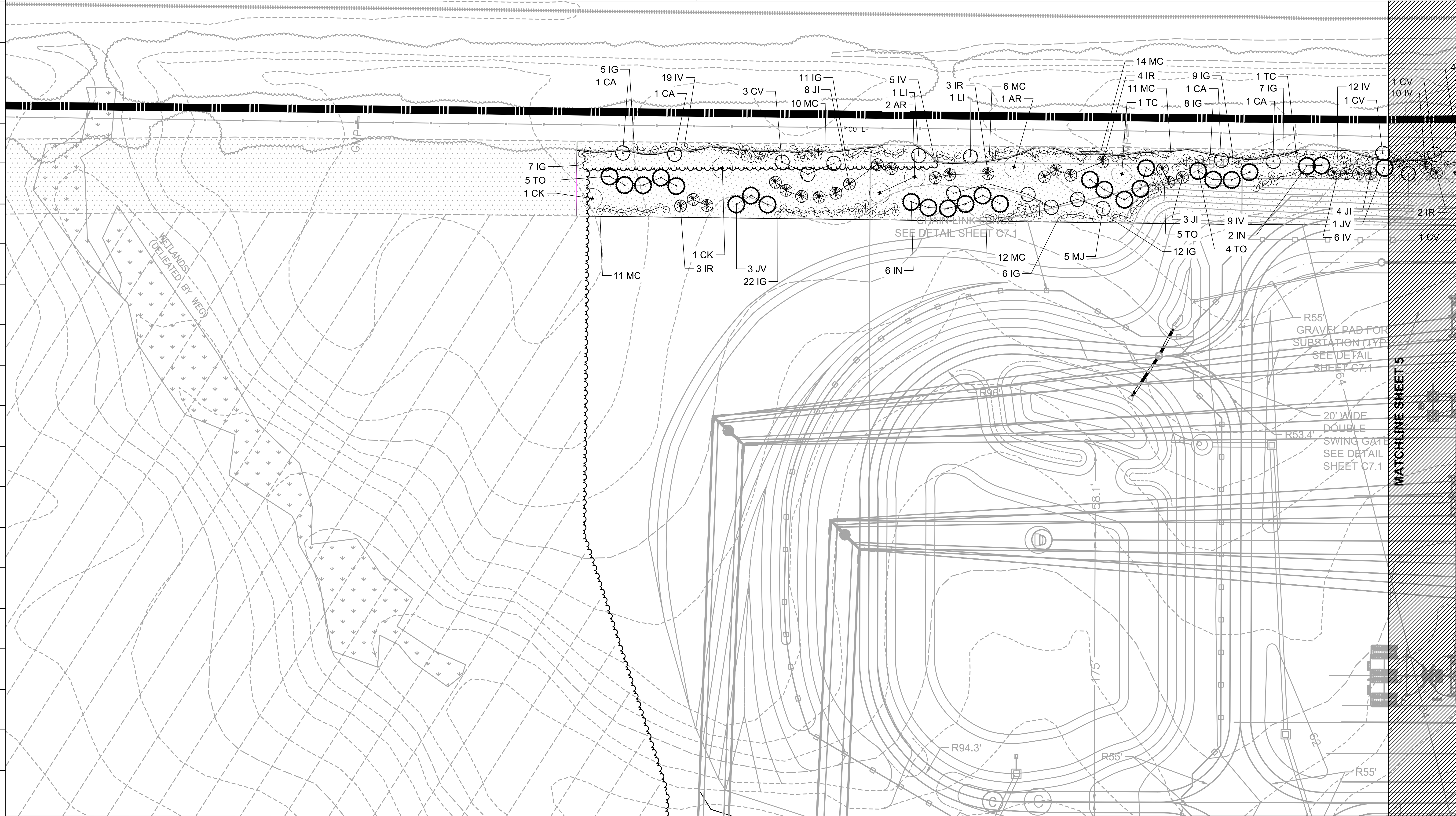


LANDSCAPE PLAN
SKIFFES CREEK SWITCHING STATION
JAMES CITY COUNTY, VIRGINIA

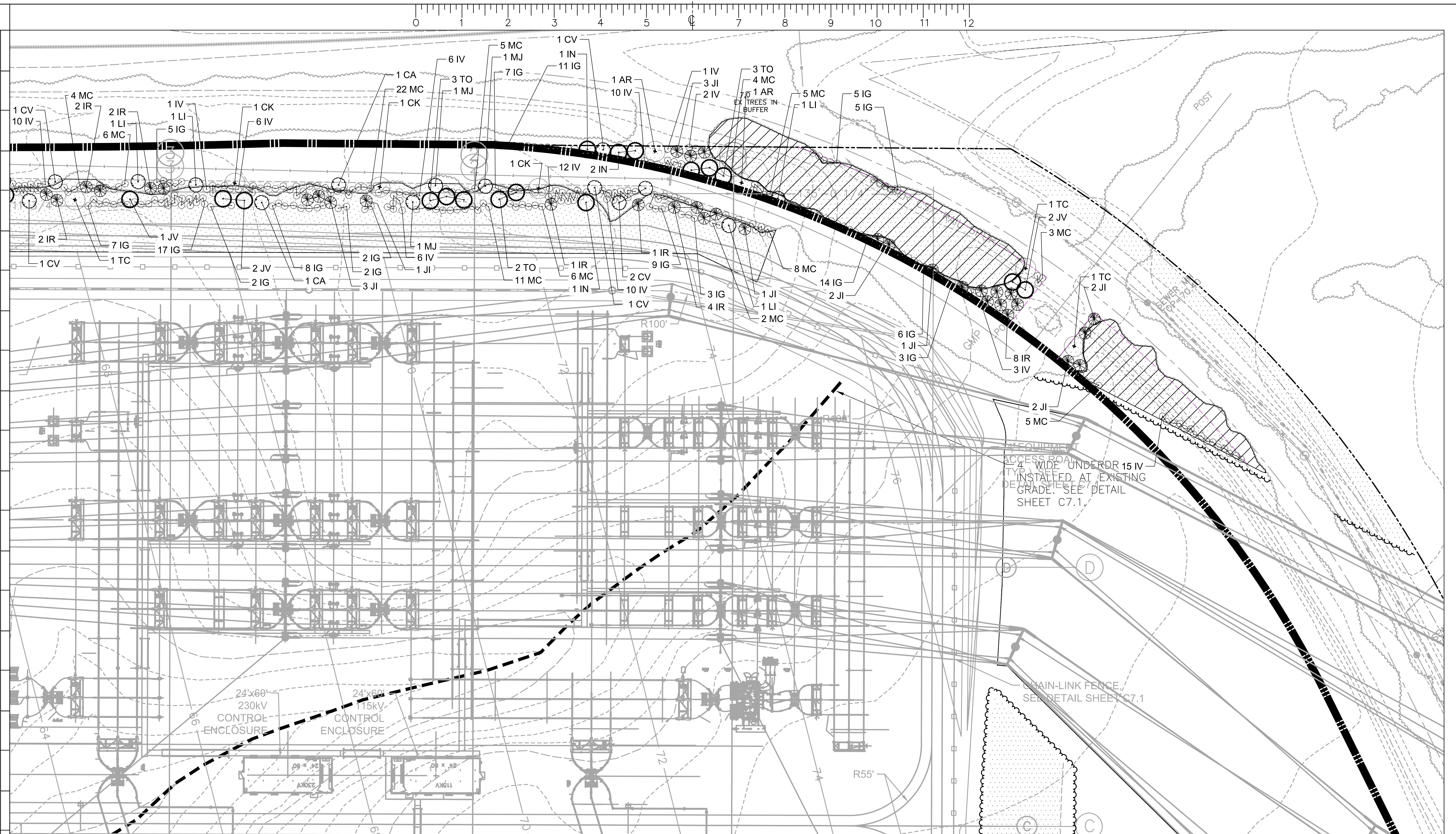
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No.	Date	By CheckedXAppr.	Description	Project Number	B/M
Revisions					
\$USERNAME\$					

Typical Drawing Information	Library Location	Cell Name	B/M Assembly	Pipe Stand Foundation Cells (Pier)		Pipe Stand Foundation Cells (Spread)		Foundation Cells for Other Typical Structures		Steel Detail & Assembly
								(Pier)	(Spread)	



\$USERNAME\$



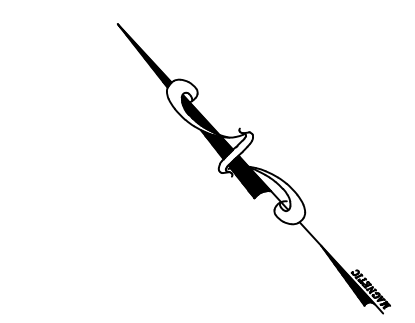
LEGEND - STANDARD PLANTING

-  DECIDUOUS CANOPY TREE
'RED SUNSET' MAPLE, YELLOWWOOD, LITTLELEAF LINDEN
-  EVERGREEN TREE
EASTERN RED CEDAR, 'GREEN GIANT' ARBORVITAE,
'NELLIE R. STEVENS' HOLLY
-  ORNAMENTAL TREE
'JANE' MAGNOLIA, DWARF REDBUD VARIETY, FRINGETREE,
CRAPE MYRTLE
-  SMALL EVERGREEN TREE
ROBIN HOLLY, IDYLVILD JUNIPER,
-  EVERGREEN SHRUB
INKBERRY, BAYBERRY, SWEETSPIRE

NOTE:

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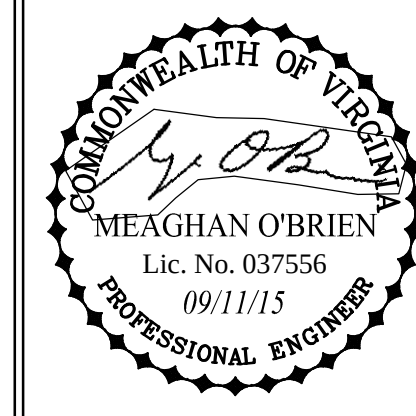
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0' 30'



SCALE: 1"=30'

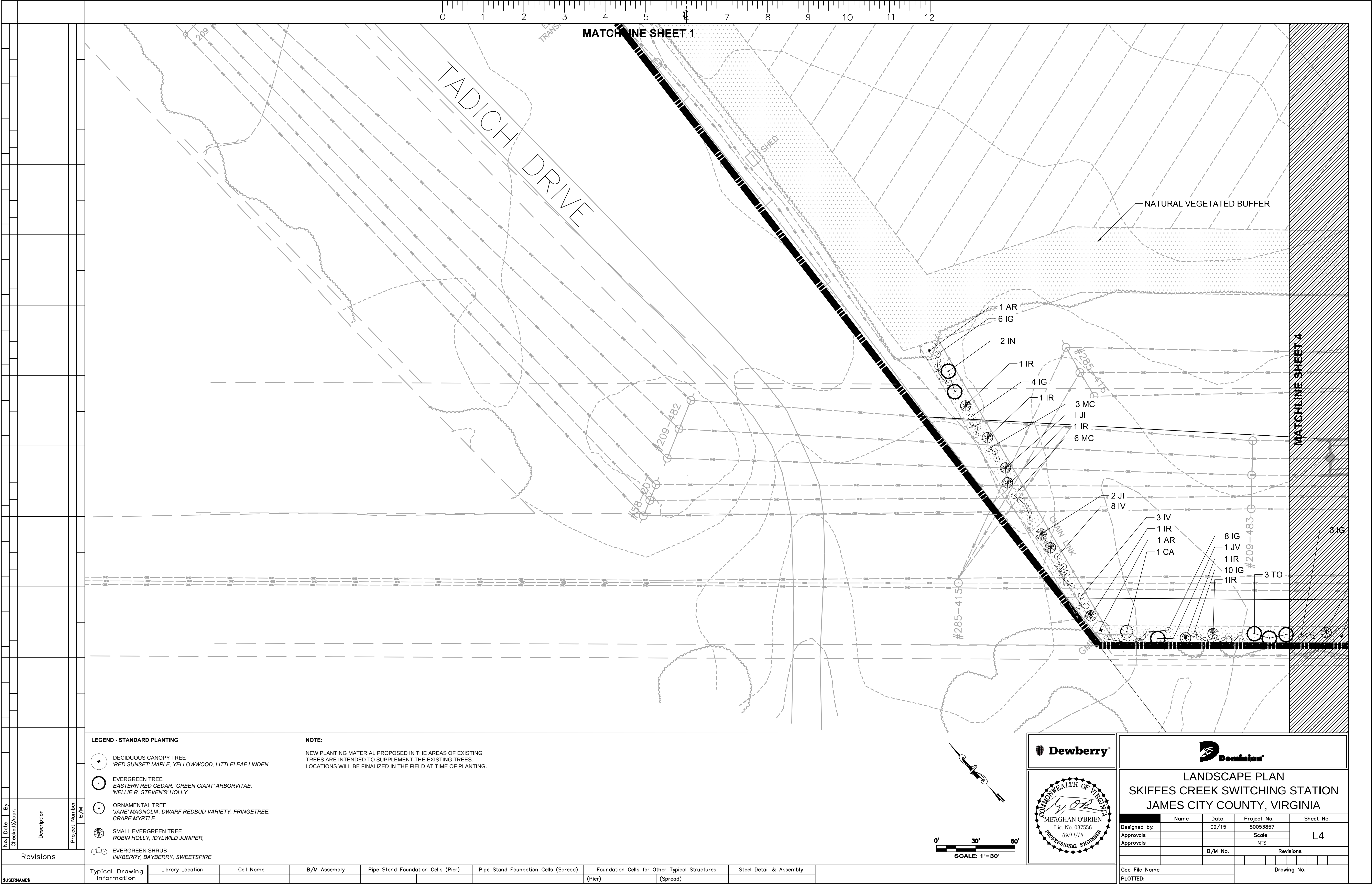


LANDSCAPE PLAN
SKIFFES CREEK SWITCHING STATION
JAMES CITY COUNTY, VIRGINIA

	Name	Date	Project No.	Sheet No.
Designed by:		09/15	50053857	L3
Approvals			Scale	
Approvals			NTS	
		B/M No.	Revisions	
Cad File Name			Drawing No.	
PLOTTED:				

No.	Date	By
Checked X Appr.		
Description		
Revisions		
Project Number		
R/M		

Typical Drawing Information	Library Location	Cell Name	B/M Assembly	Pipe Stand Foundation Cells (Pier)		Pipe Stand Foundation Cells (Spread)		Foundation Cells for Other Typical Structures		Steel Detail & Assembly
								(Pier)	(Spread)	



No.	Date	By	Description	Project Number	B/M
Revisions					

LEGEND - STANDARD PLANTING

- DECIDUOUS CANOPY TREE
'RED SUNSET' MAPLE, YELLOWWOOD, LITTLELEAF LINDEN
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Dewberry

COMMONWEALTH OF VIRGINIA
MEAGHAN O'BRIEN
Lic. No. 037556
09/11/15
PROFESSIONAL ENGINEER

0' 30' 60'

SCALE: 1"=30'

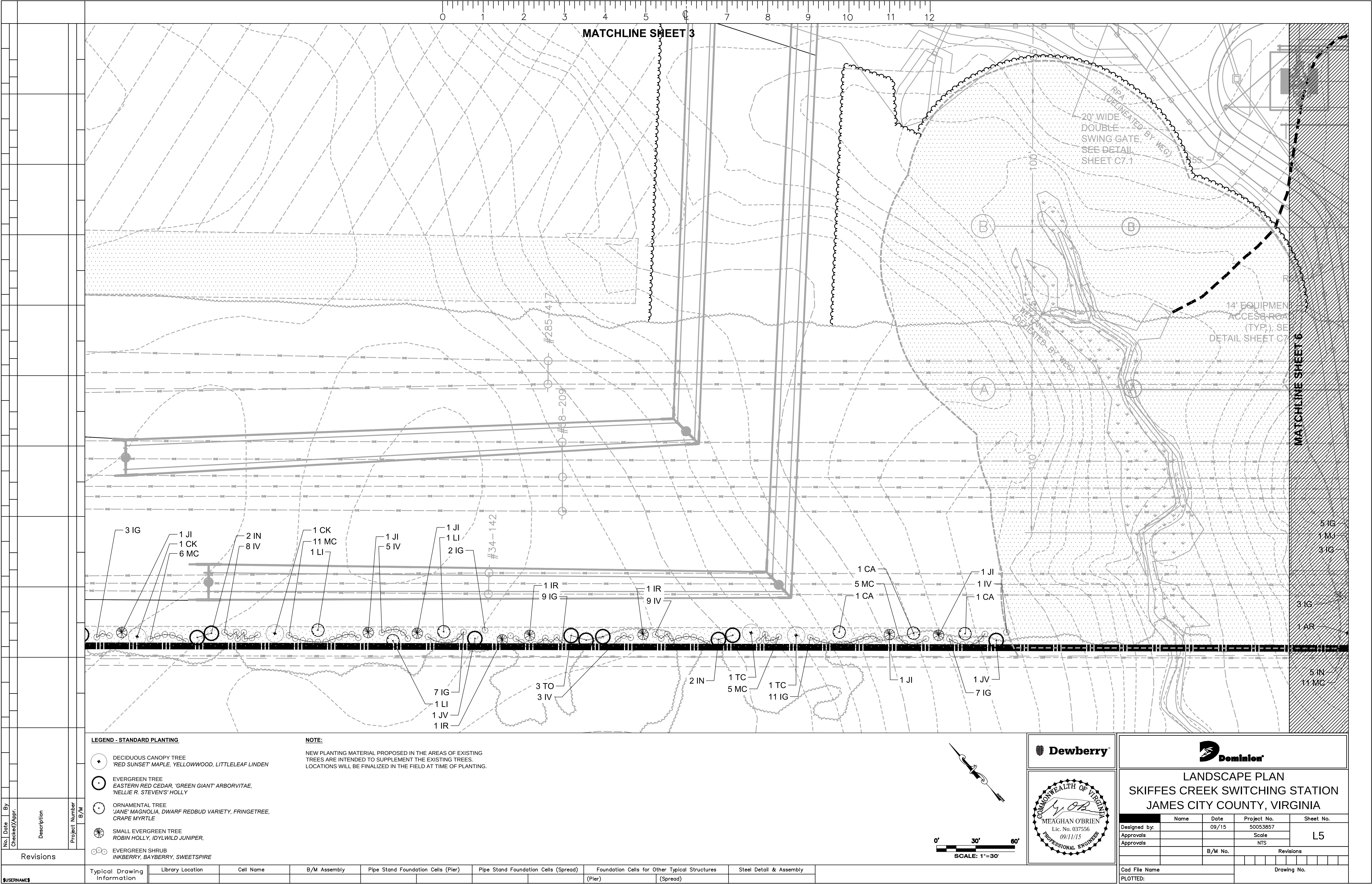
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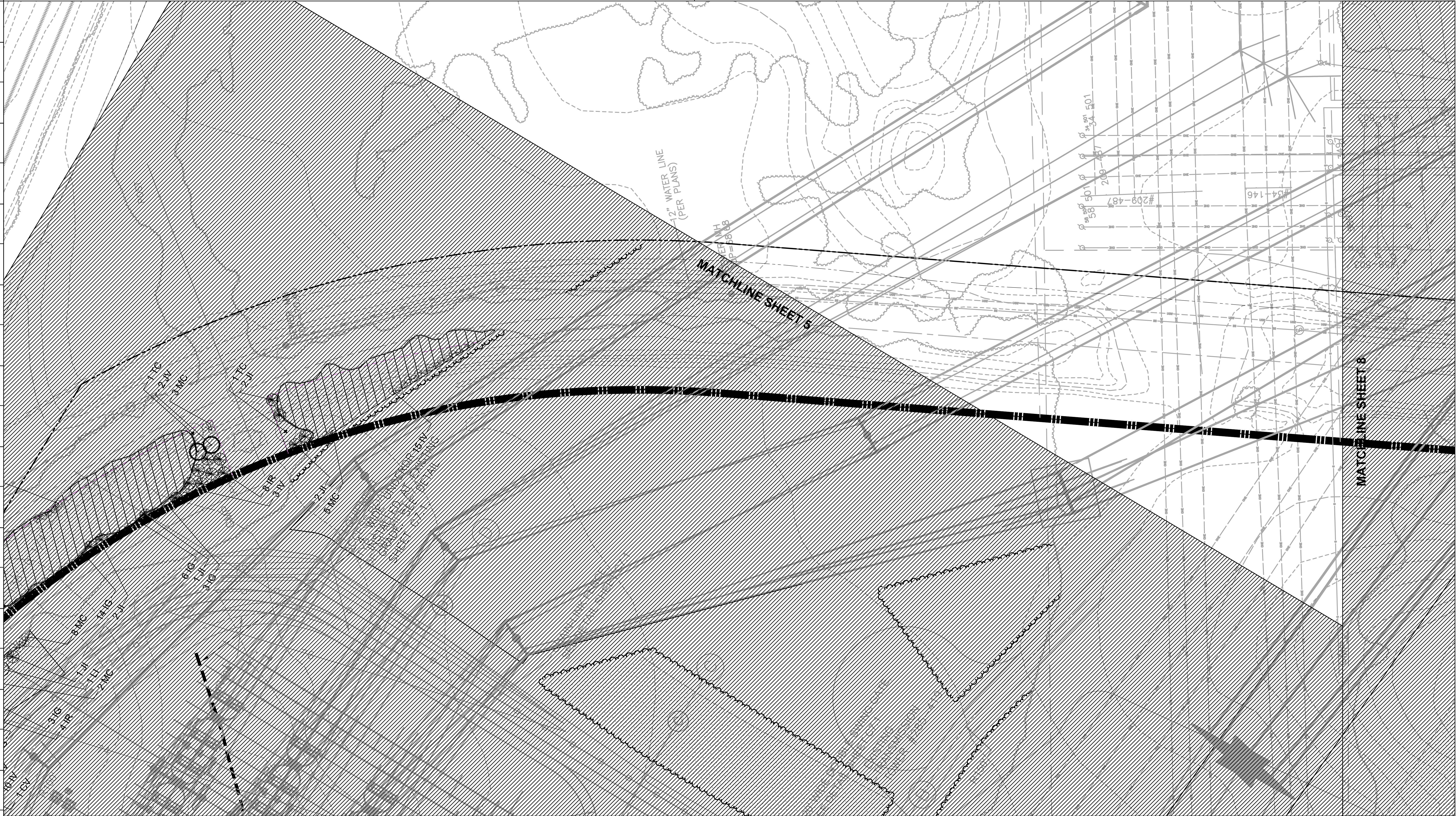
LANDSCAPE PLAN
SKIFFES CREEK SWITCHING STATION
JAMES CITY COUNTY, VIRGINIA

Designed by	Name	Date	Project No.	Sheet No.
Approvals		09/15	50053857	L4
Approvals			Scale	
			NTS	
		B/M No.	Revisions	

Cad File Name
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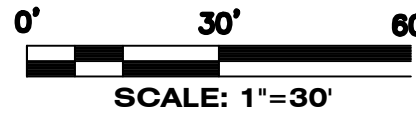
Drawing No.





-  DECIDUOUS CANOPY TREE
'RED SUNSET' MAPLE, YELLOWWOOD, LITTLELEAF LINDEN
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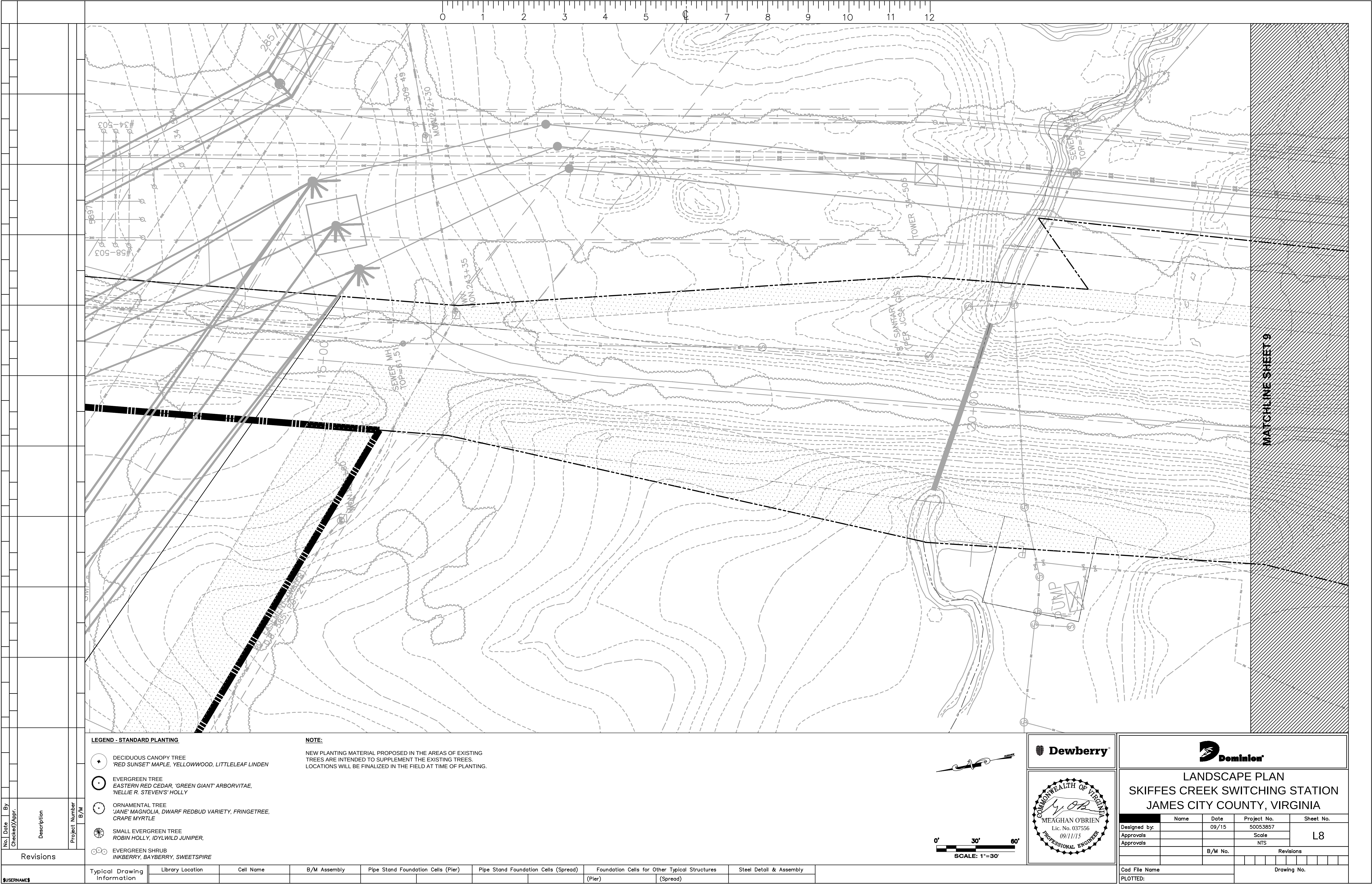
LANDSCAPE PLAN
SKIFFES CREEK SWITCHING STATION
JAMES CITY COUNTY, VIRGINIA

	Name	Date	Project No.	Sheet No.				
Designed by:		09/15	50053857	L7				
Approvals	Scale							
Approvals	NTS							
		B/M No.	Revisions					
Cad File Name			Drawing No.					
PLOTTED:								

No.	Date	By
Checked ☒ Appr.		
Description		

2	0			
Revisions				

	Typical Drawing Information	Library Location	Cell Name	B/M Assembly	Pipe Stand Foundation Cells (Pier)		Pipe Stand Foundation Cells (Spread)		Foundation Cells for Other Typical Structures		Steel Detail & Assembly
\$USERNAME\$									(Pier)	(Spread)	



No.	Date	By	Description	Project Number
		Checked/Appr.		B/M
Revisions				

LEGEND - STANDARD PLANTING

- DECIDUOUS CANOPY TREE
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Library Location	Cell Name	B/M Assembly	Pipe Stand Foundation Cells (Pier)	Pipe Stand Foundation Cells (Spread)	Foundation Cells for Other Typical Structures (Pier)	Foundation Cells for Other Typical Structures (Spread)	Steel Detail & Assembly

Dewberry

COMMONWEALTH OF VIRGINIA
MEAGHAN O'BRIEN
Lic. No. 037556
09/11/15
PROFESSIONAL ENGINEER

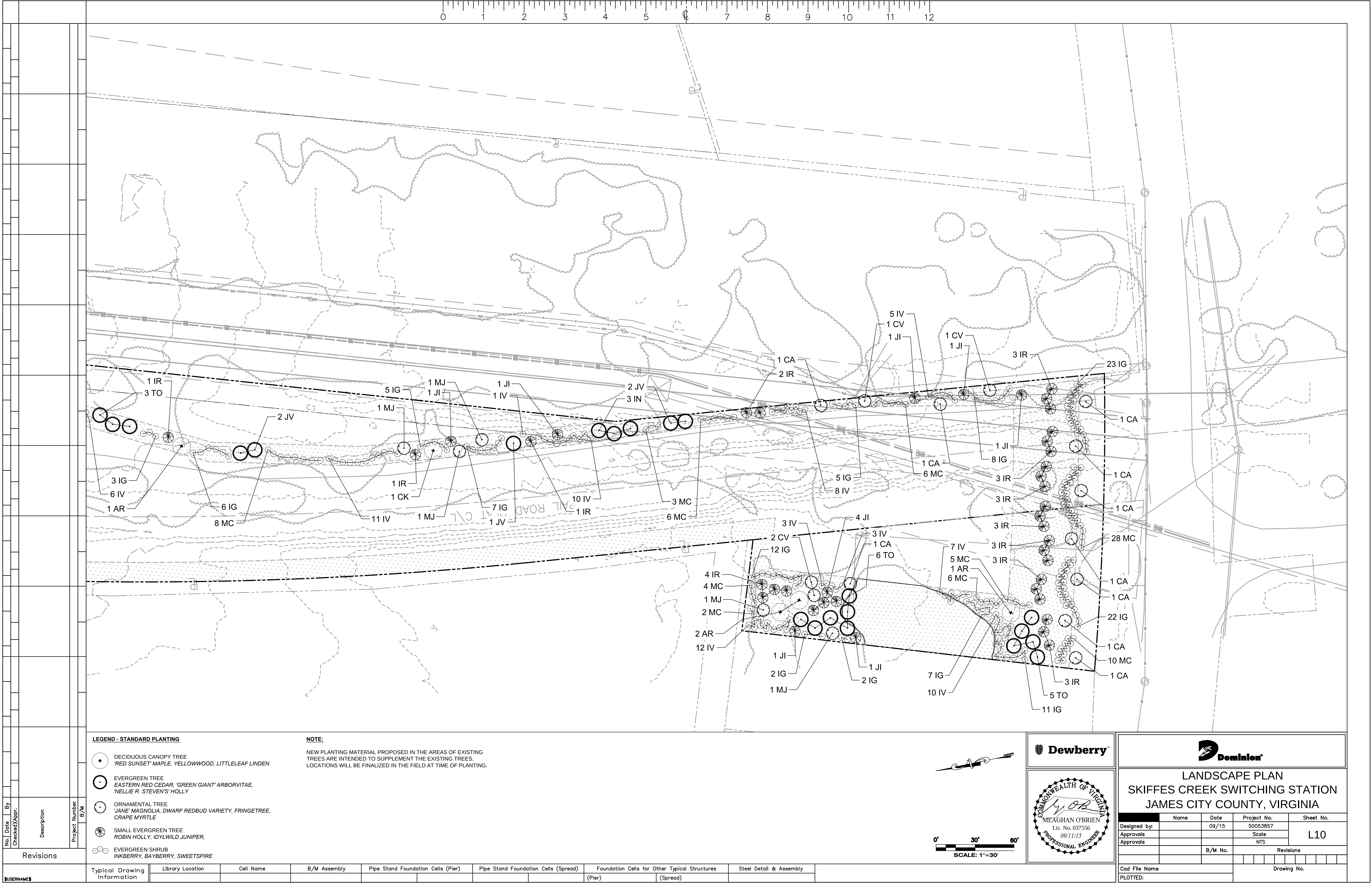
Dominion

LANDSCAPE PLAN
SKIFFES CREEK SWITCHING STATION
JAMES CITY COUNTY, VIRGINIA

Designed by:	Name	Date	Project No.	Sheet No.
Approvals		09/15	50053857	L8
Approvals			Scale NTS	
		B/M No.	Revisions	

Cad File Name
PLOTTED:

Drawing No.



No.	Date	By	Description	Project Number	B/M
		Checked/Appr.			
Revisions					
Typical Drawing Information					
\$USERNAME\$					

LEGEND - STANDARD PLANTING

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0' 30' 60'

SCALE: 1"=30'

Dominion

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JAMES CITY COUNTY, VIRGINIA

Designed by	Name	Date	Project No.	Sheet No.
Approvals		09/15	50053857	L10
Approvals			Scale	
			NTS	
		B/M No.	Revisions	

Cad File Name
PLOTTED:

Drawing No.