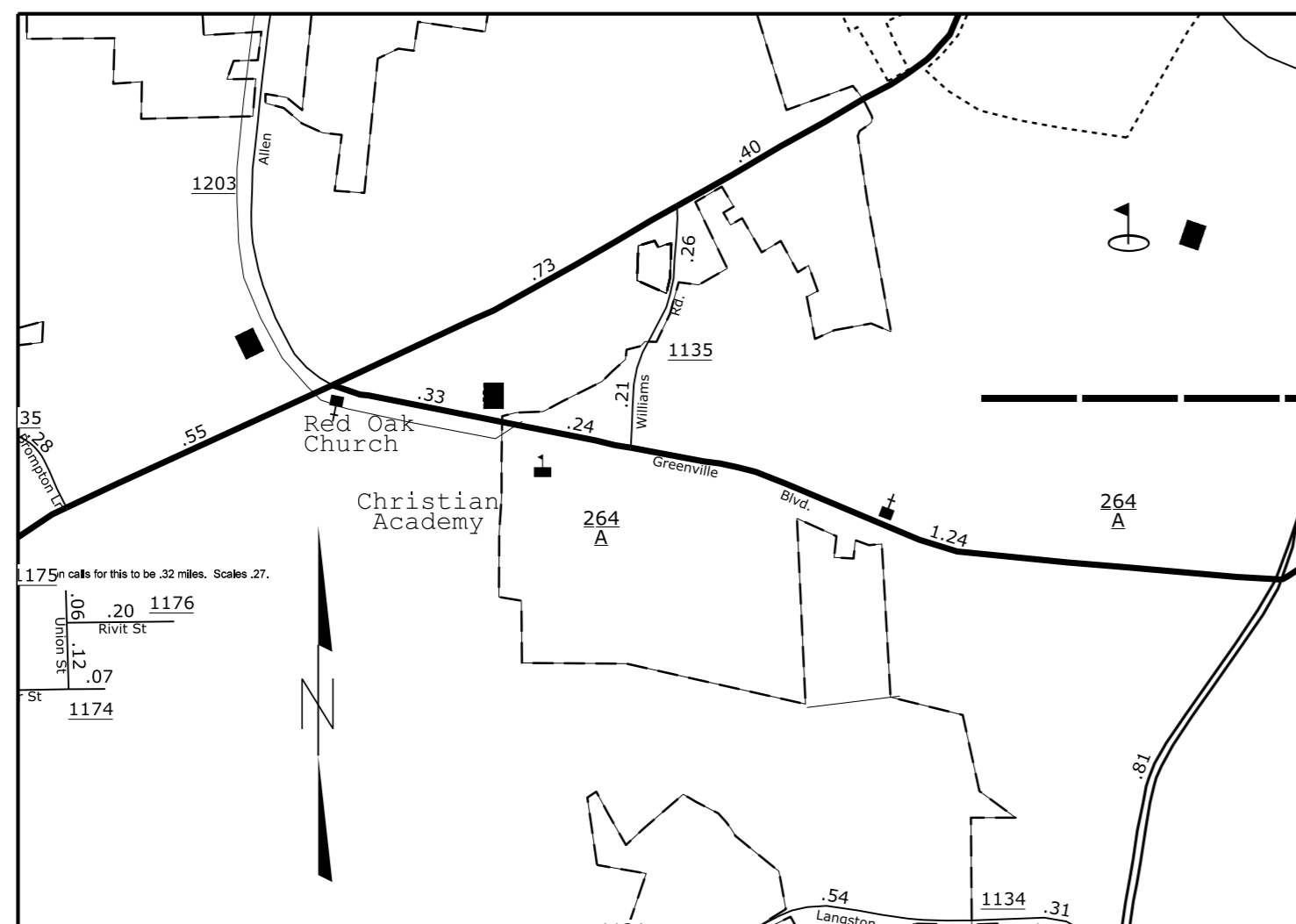


09/08/99

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\$\$\$\$\$USERNAME\$\$\$\$\$

TIP PROJECT: W-5601CY

CONTRACT: DB00345



See Sheet 1-A For Index of Sheets

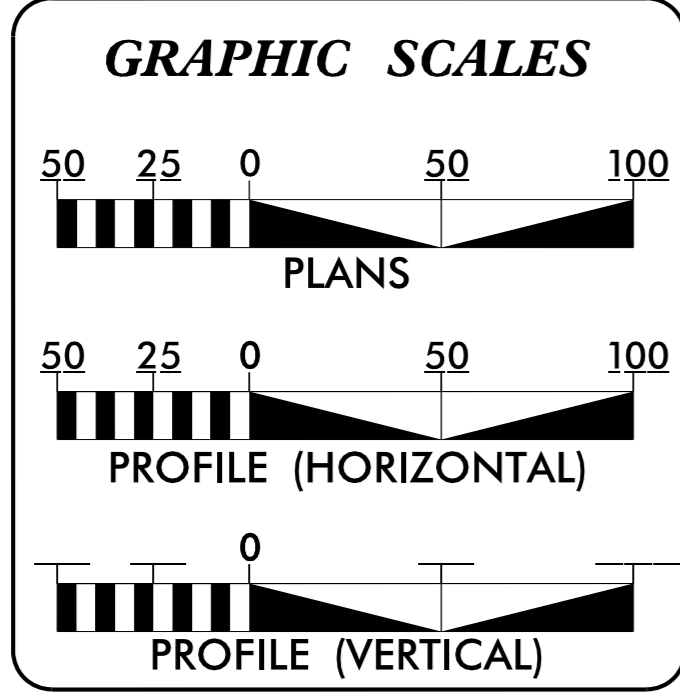
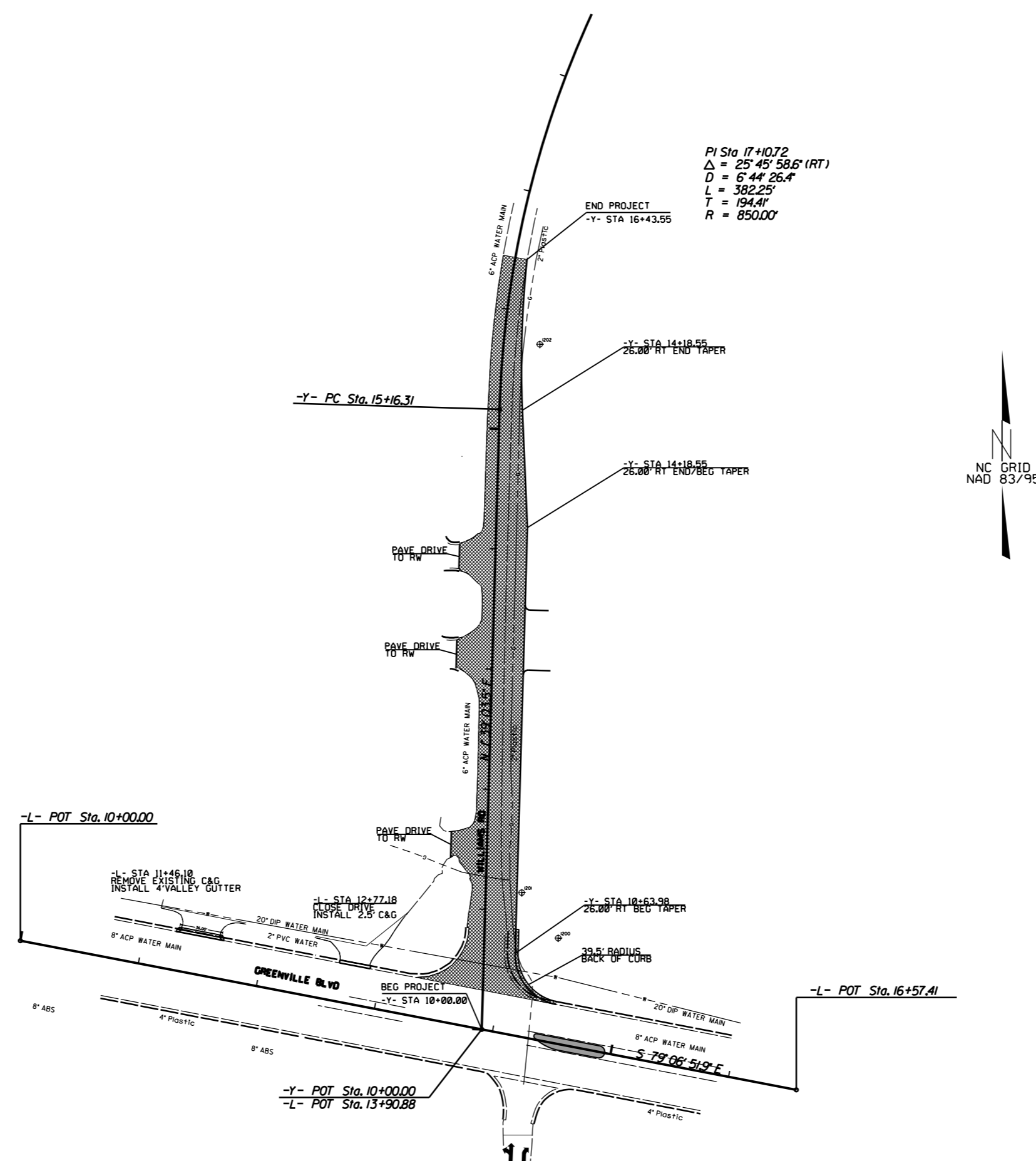
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PITT COUNTY

**LOCATION: THE INTERSECTION OF
GREENVILLE BLVD AND WILLIAMS RD**

TYPE OF WORK: GRADING PAVING DRAINAGE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5601CY	1	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
50138.1.104	HSIP-0264(060)	PE	
50138.2.104	HSIP-0264(060)	RW	
50138.3.104	HSIP-0264(060)	CONST	



PROJECT LENGTH

TOTAL LENGTH TIP PROJECT W5601CY=0.122 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS
1704 North Greene Street Greenville, NC 27835

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: WILLIAM C KINCANNON, PE
JANUARY 2017

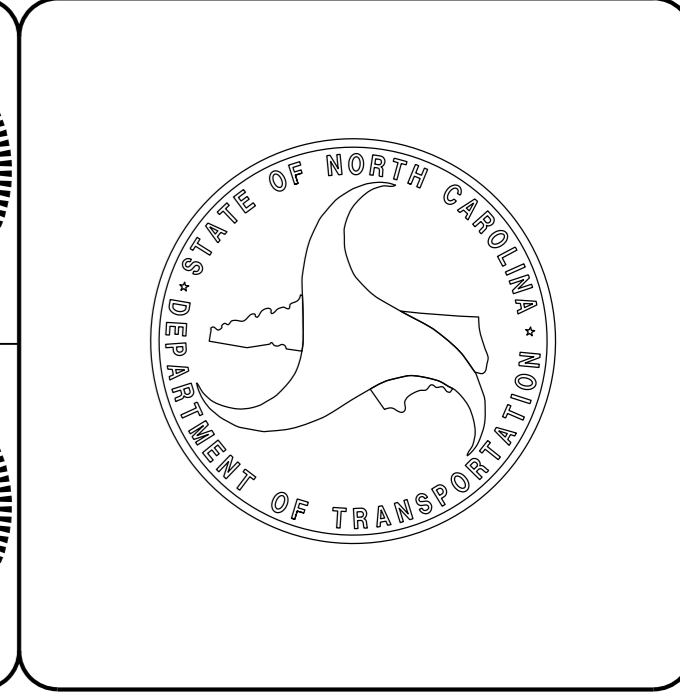
LETTING DATE: LANG JONES
MARCH 2017

HYDRAULICS ENGINEER

DocuSigned by:
William C Kincannon 2/21/2017
SIGNATURE: P.E.

ROADWAY DESIGN ENGINEER

DocuSigned by:
William C Kincannon 2/21/2017
SIGNATURE: P.E.



INDEX OF SHEETS

SHEET NUMBER	SHEET
1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
2	TYPICAL SECTIONS
3	SUMMARY OF QUANTITIES
3A	SUMMARY OF DRAINAGE QUANTITIES AND EARTHWORK
4	PLAN SHEET
SIG1-1.3	SIGNAL SHEETS
SCP1-SCP5	CABLE ROUTING SHEETS
EC1-EC3	EROSION CONTROL SHEETS
PM 1	PAVEMENT MARKINGS
X1A	CROSS-SECTION SUMMARY
X1-X2	CROSS-SECTIONS

GENERAL NOTES:

2012 SPECIFICATIONS
 EFFECTIVE: 01-17-2012
 REVISED: 07-30-2012

GRADING AND SURFACING OR RESURFACING AND WIDENING:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN, THE PROFILES SHOWN DENOTE THE TOP ELEVATION OF THE EXISTING PAVEMENT ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED RESURFACING WILL BE PLACED. GRADE LINES MAY BE ADJUSTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

CLEARING:

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD 11.

SIDE ROADS:

THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PARTICULAR ITEMS INVOLVED.

UTILITY:

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

RIGHT-OF-WAY MARKERS:

ALL RIGHT-OF-WAY MARKERS ON THIS PROJECT SHALL BE PLACED BY OTHERS.

2012 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., dated January, 2012 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
DIVISION 2 - EARTHWORK	
200.02	Method of Clearing - Method 11
225.02	Guide for Grading Subgrade - Secondary and Local
DIVISION 8 - INCIDENTALS	
846.01	Concrete Curb & Gutter Sheet 3 of 3

EFF. 01-17-2012
 REV. 10-30-2012

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale *S.U.E. = *Subsurface Utility Engineering*

04/05/15

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○ EIP
Property Corner	----->
Property Monument	□ EDM
Parcel/Sequence Number	(123)
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	----- WLB
Proposed Wetland Boundary	----- WLB
Existing Endangered Animal Boundary	----- EAB
Existing Endangered Plant Boundary	----- EPB
Existing Historic Property Boundary	----- HPB
Known Contamination Area: Soil	-----
Potential Contamination Area: Soil	-----
Known Contamination Area: Water	-----
Potential Contamination Area: Water	-----
Contaminated Site: Known or Potential	☠ ?

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○ S
Well	○ W
Small Mine	✕
Foundation	□
Area Outline	□
Cemetery	□
Building	□
School	□
Church	□
Dam	□

HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	-----
Jurisdictional Stream	----- JS
Buffer Zone 1	----- BZ 1
Buffer Zone 2	----- BZ 2
Flow Arrow	←
Disappearing Stream	-----
Spring	○
Wetland	-----
Proposed Lateral, Tail, Head Ditch	-----
False Sump	-----

RAILROADS:

Standard Gauge	-----
RR Signal Milepost	○ MILEPOST 35
Switch	□ SWITCH
RR Abandoned	-----
RR Dismantled	-----

RIGHT OF WAY:

Baseline Control Point	◆
Existing Right of Way Marker	△
Existing Right of Way Line	-----
Proposed Right of Way Line	----- RW
Proposed Right of Way Line with Iron Pin and Cap Marker	----- RW
Proposed Right of Way Line with Concrete or Granite R/W Marker	----- RW
Proposed Control of Access Line with Concrete CA Marker	----- CA

Existing Control of Access	----- CA
Proposed Control of Access	----- CA
Existing Easement Line	----- E
Proposed Temporary Construction Easement	----- E
Proposed Temporary Drainage Easement	----- TDE
Proposed Permanent Drainage Easement	----- PDE
Proposed Permanent Drainage / Utility Easement	----- DUE
Proposed Permanent Utility Easement	----- PUE
Proposed Temporary Utility Easement	----- TUE
Proposed Aerial Utility Easement	----- AUE
Proposed Permanent Easement with Iron Pin and Cap Marker	-----

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	----- C
Proposed Slope Stakes Fill	----- F
Proposed Curb Ramp	----- CR
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	⊕
Pavement Removal	-----

VEGETATION:

Single Tree	☼
Single Shrub	☼
Hedge	-----
Woods Line	-----

Orchard	☼ ☼ ☼ ☼
Vineyard	□ Vineyard

EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	----- CONC
Bridge Wing Wall, Head Wall and End Wall	----- CONC WW
MINOR:	
Head and End Wall	----- CONC HW
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	□ CB
Paved Ditch Gutter	-----
Storm Sewer Manhole	○ S
Storm Sewer	----- S

UTILITIES:

POWER:	
Existing Power Pole	●
Proposed Power Pole	○
Existing Joint Use Pole	●
Proposed Joint Use Pole	○
Power Manhole	⊕
Power Line Tower	⊠
Power Transformer	⊠
U/G Power Cable Hand Hole	●
H-Frame Pole	●
U/G Power Line LOS B (S.U.E.*)	----- P
U/G Power Line LOS C (S.U.E.*)	----- P
U/G Power Line LOS D (S.U.E.*)	----- P

TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	⊕
Telephone Pedestal	⊠
Telephone Cell Tower	⊠
U/G Telephone Cable Hand Hole	●
U/G Telephone Cable LOS B (S.U.E.*)	----- T
U/G Telephone Cable LOS C (S.U.E.*)	----- T
U/G Telephone Cable LOS D (S.U.E.*)	----- T
U/G Telephone Conduit LOS B (S.U.E.*)	----- TC
U/G Telephone Conduit LOS C (S.U.E.*)	----- TC
U/G Telephone Conduit LOS D (S.U.E.*)	----- TC
U/G Fiber Optics Cable LOS B (S.U.E.*)	----- T FO
U/G Fiber Optics Cable LOS C (S.U.E.*)	----- T FO
U/G Fiber Optics Cable LOS D (S.U.E.*)	----- T FO

WATER:

Water Manhole	⊕
Water Meter	○
Water Valve	⊗
Water Hydrant	⊕
U/G Water Line LOS B (S.U.E.*)	----- W
U/G Water Line LOS C (S.U.E.*)	----- W
U/G Water Line LOS D (S.U.E.*)	----- W
Above Ground Water Line	----- A/G Water

TV:

TV Pedestal	⊠
TV Tower	⊗
U/G TV Cable Hand Hole	●
U/G TV Cable LOS B (S.U.E.*)	----- TV
U/G TV Cable LOS C (S.U.E.*)	----- TV
U/G TV Cable LOS D (S.U.E.*)	----- TV
U/G Fiber Optic Cable LOS B (S.U.E.*)	----- TV FO
U/G Fiber Optic Cable LOS C (S.U.E.*)	----- TV FO
U/G Fiber Optic Cable LOS D (S.U.E.*)	----- TV FO

GAS:

Gas Valve	◇
Gas Meter	⊕
U/G Gas Line LOS B (S.U.E.*)	----- G
U/G Gas Line LOS C (S.U.E.*)	----- G
U/G Gas Line LOS D (S.U.E.*)	----- G
Above Ground Gas Line	----- A/G Gas

SANITARY SEWER:

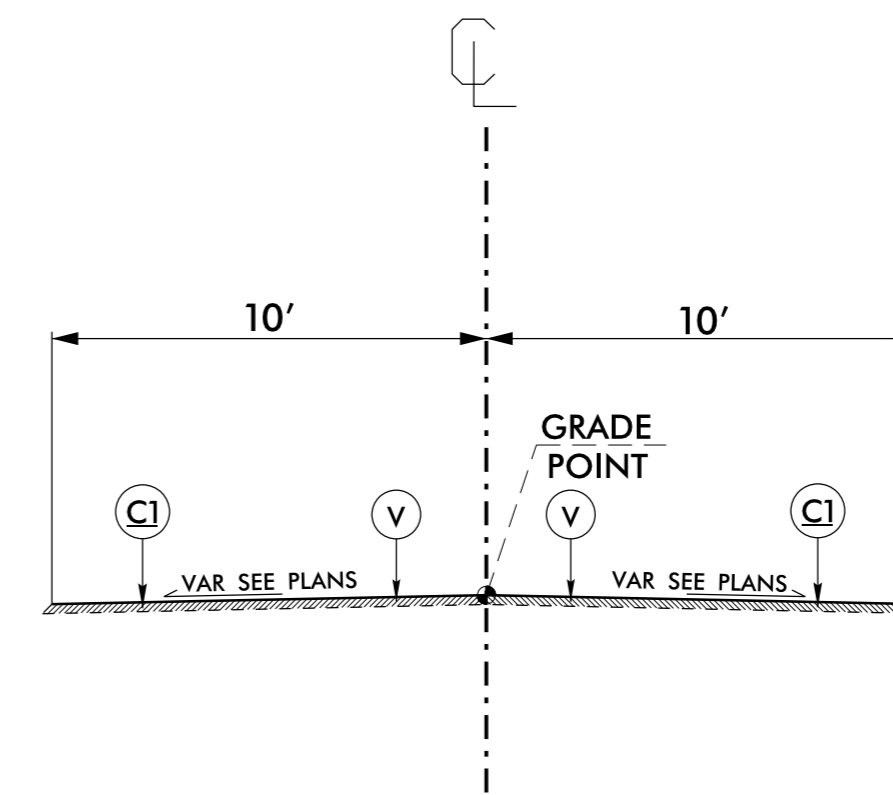
Sanitary Sewer Manhole	⊕
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	----- SS
Above Ground Sanitary Sewer	----- A/G Sanitary Sewer
SS Forced Main Line LOS B (S.U.E.*)	----- FSS
SS Forced Main Line LOS C (S.U.E.*)	----- FSS
SS Forced Main Line LOS D (S.U.E.*)	----- FSS

MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	⊠
Utility Unknown U/G Line LOS B (S.U.E.*)	----- ?UTL
U/G Tank; Water, Gas, Oil	□
Underground Storage Tank, Approx. Loc.	⊕
A/G Tank; Water, Gas, Oil	□
Geoenvironmental Boring	⊕
U/G Test Hole LOS A (S.U.E.*)	⊕
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.

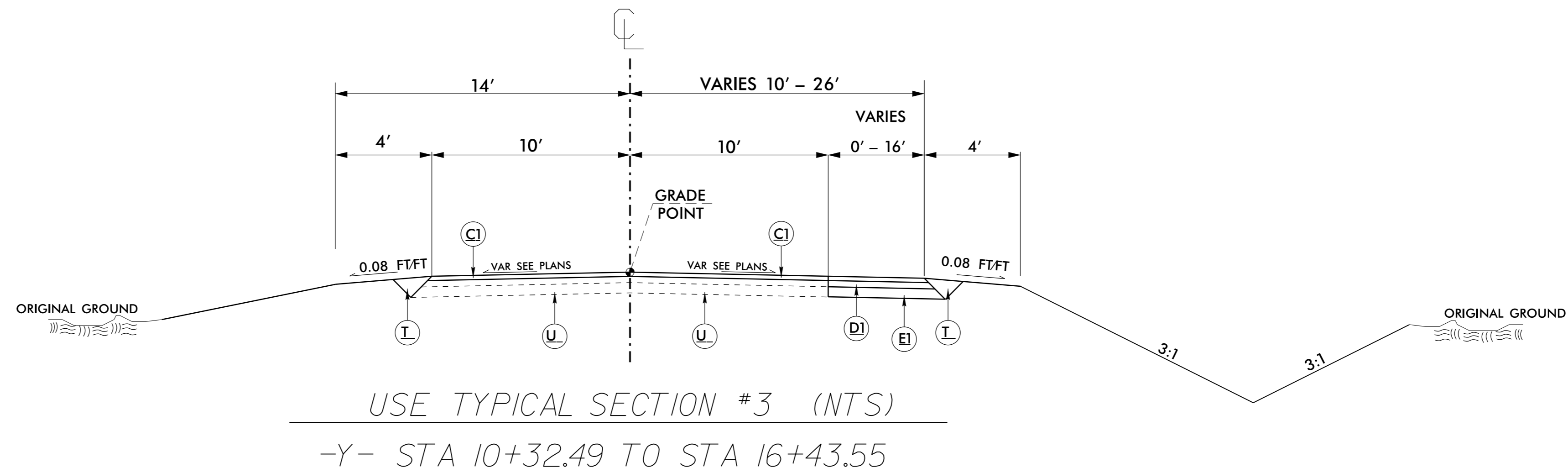
PROJECT REFERENCE NO. W-5601CY	SHEET NO. 2
ROADWAY DESIGN ENGINEER WILLIAM C. KINCAID 2/23/2017	PAVEMENT DESIGN ENGINEER WILLIAM C. KINCAID 2/23/2017

C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
D1	PROP. APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V	1.5" MILLING



USE TYPICAL SECTION #2 (NTS)
MILLING -Y- STA 10+32.49 TO 11+84.28

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



USE TYPICAL SECTION #3 (NTS)
-Y- STA 10+32.49 TO STA 16+43.55

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
SUMMARY OF QUANTITIES

SECT	QUANTITY	UNIT	ITEM DESCRIPTION	SECT	QUANTITY	UNIT	ITEM DESCRIPTION
800	1	LS	MOBILIZATION	1705	735	LF	SIGNAL CABLE
801	1	LS	CONSTRUCTION SURVEYING	1705	8	EA	VEHICLE SIGNAL HEAD (12",3 SECTION)
226	1	LS	GRADING	1705	1	EA	VEHICLE SIGNAL HEAD (12",4 SECTION)
226	100	CY	UNDERCUT EXCAVATION	1710	4560	LF	MESSENGER CABLE 1/4"
607	545	SY	MILLING ASPHALT PAVEMENT,1.5" DEPTH	1715	632	LF	TRACER WIRE
610	275	TON	ASPHALT CONCRETE BASE COURSE,TYPE B25.0B	1715	570	LF	UNPAVED TRENCHING (1 CONDUIT,2 INCH)
610	154	TON	ASPHALT CONCRETE INTERMEDIATE COURSE,TYPE 119.0B	1715	905	LF	DIRECTIONAL DRILL (1 CONDUIT,2 INCH)
610	242	TON	ASPHALT CONCRETE SURFACE COURSE,TYPE S9.5B	1715	100	LF	DIRECTIONAL DRILL (1 CONDUIT,3 INCH)
620	40	TON	ASPHALT BINDER FOR PLANT MIX,GRADE PG64-22	1715	95	LF	DIRECTIONAL DRILL (1 CONDUIT,4 INCH)
846	140	LF	2'-6" CONCRETE CURB & GUTTER	1716	6	EA	JUNCTION BOX (STANDARD SIZE)
852	70	SY	5" MONOLITHIC CONCRETE ISLAND (SURFACE MOUNTED)	1716	6	EA	JUNCTION BOX (OVER-SIZED,HEAVY DUTY)
SP	96	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	1722	3	EA	2" RISER W/ HEAT SHRINK TUBING
SP	1	LS	TEMPORARY TRAFFIC CONTROL	1725	970	LF	INDUCTIVE LOOP SAWCUT
1205	1152	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4",90 MILS)	1726	2300	LF	LEAD-IN CABLE (14-2)
1205	1620	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4",120 MILS)	1730	6250	LF	COMMUNICATIONS CABLE (12 FIBER)
1205	200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24",120 MILS)	1731	1	EA	MODIFY SPLICE ENCLOSURE
1205	13	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)	1731	1	EA	INTERCONNECT CENTER
1205	6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	1732	1	EA	FIBER-OPTIC TRANSCEIVER,DROP & REPEAT
1205	200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	1733	4	EA	DELINEATOR MARKER
1631	945	SY	MATTING FOR EROSION CONTROL	SP	2	EA	METAL POLE W/ SINGLE MAST ARM
1632	20	LF	1/4" HARDWARE CLOTH	SP	1	EA	METAL POLE W/ DUAL MAST ARM
1605	405	LF	TEMPORARY SILT FENCE	SP	3	EA	SOIL TEST
1610	5	TON	STONE FOR EROSION CONTROL,CLASS B	SP	30	CY	DRILLED PIER FOUNDATION
1620	50	LB	SEED FOR TEMPORARY SEEDING	SP	3	EA	MAST ARM W/ METAL POLE DESIGN
1620	0.2	TON	FERTILIZER FOR TEMPORARY SEEDING	1745	2	EA	SIGN FOR SIGNALS
SP	120	LF	COIR FIBER WATTLE	1750	1	EA	SIGNAL CABINET FOUNDATION
SP	5	LB	POLYACRYLAMIDE (PAM)	1751	1	EA	CONTROLLER W/ CABINET (TYPE 2070L,BASE MOUNTED)
1660	0.5	ACRE	SEEDING AND MULCHING	1751	7	EA	DETECTOR CARD (TYPE 2070L)
1661	50	LB	SEED FOR REPAIR SEEDING	1753	1	EA	CABINET BASE EXTENDER
1661	0.2	TON	FERTILIZER FOR REPAIR SEEDING	SP	2	EA	POWDER COAT FOR SINGLE MAST ARM W/ METAL POLE
SP	3	EA	RESPONSE FOR EROSION CONTROL	SP	1	EA	POWDER COAT FOR DOUBLE MAST ARM W/ METAL POLE

REVISIONS

8/17/99

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

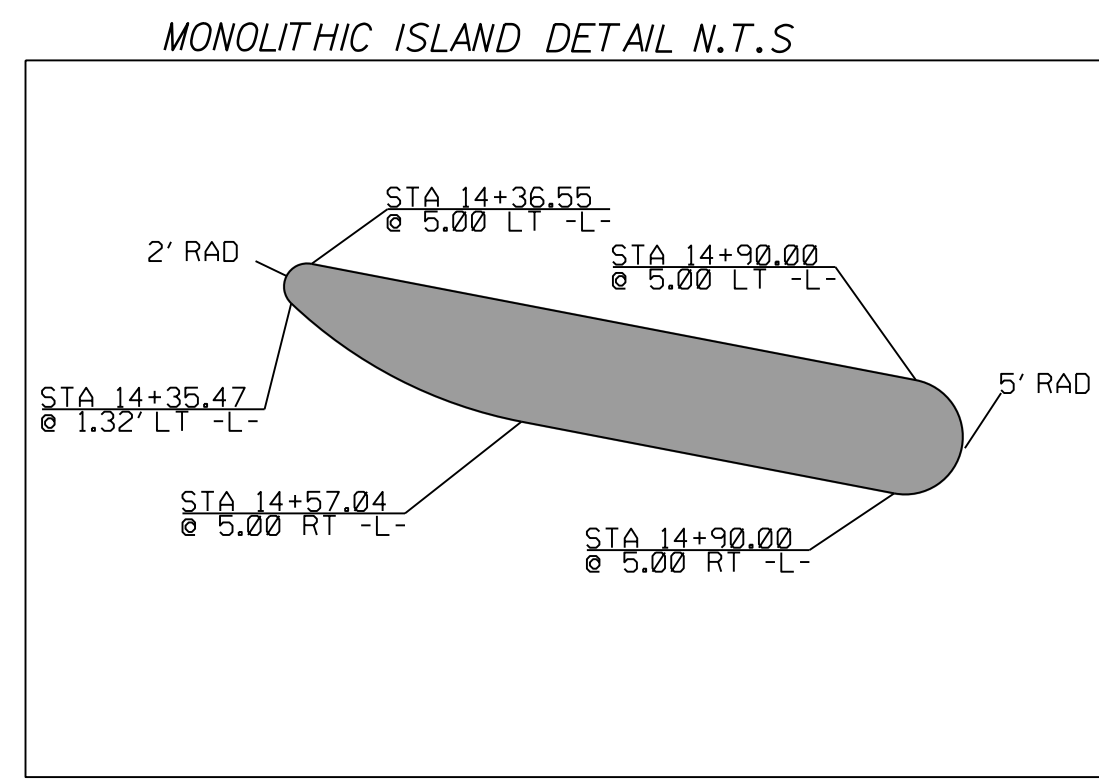
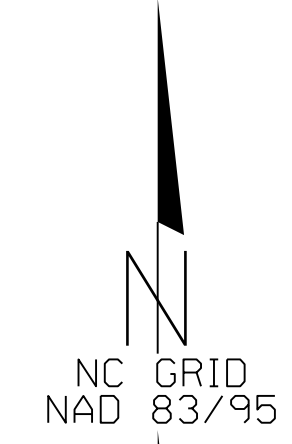
**SUMMARY OF EARTHWORK
IN CUBIC YARDS**

LOCATION	UNCLASSIFIED EXCAVATION		UNDERCUT	EMBT + %	BORROW	WASTE
-Y- 10+50.00 - 16+43.55	369		0	208	0	161
UNDERCUT CONTINGENY			100	120	120	-100
SUB TOTAL	369		100	328	120	61
SAY	370		100	330	120	65

NOTE:

APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING, CLEARING AND GRUBBING AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING."

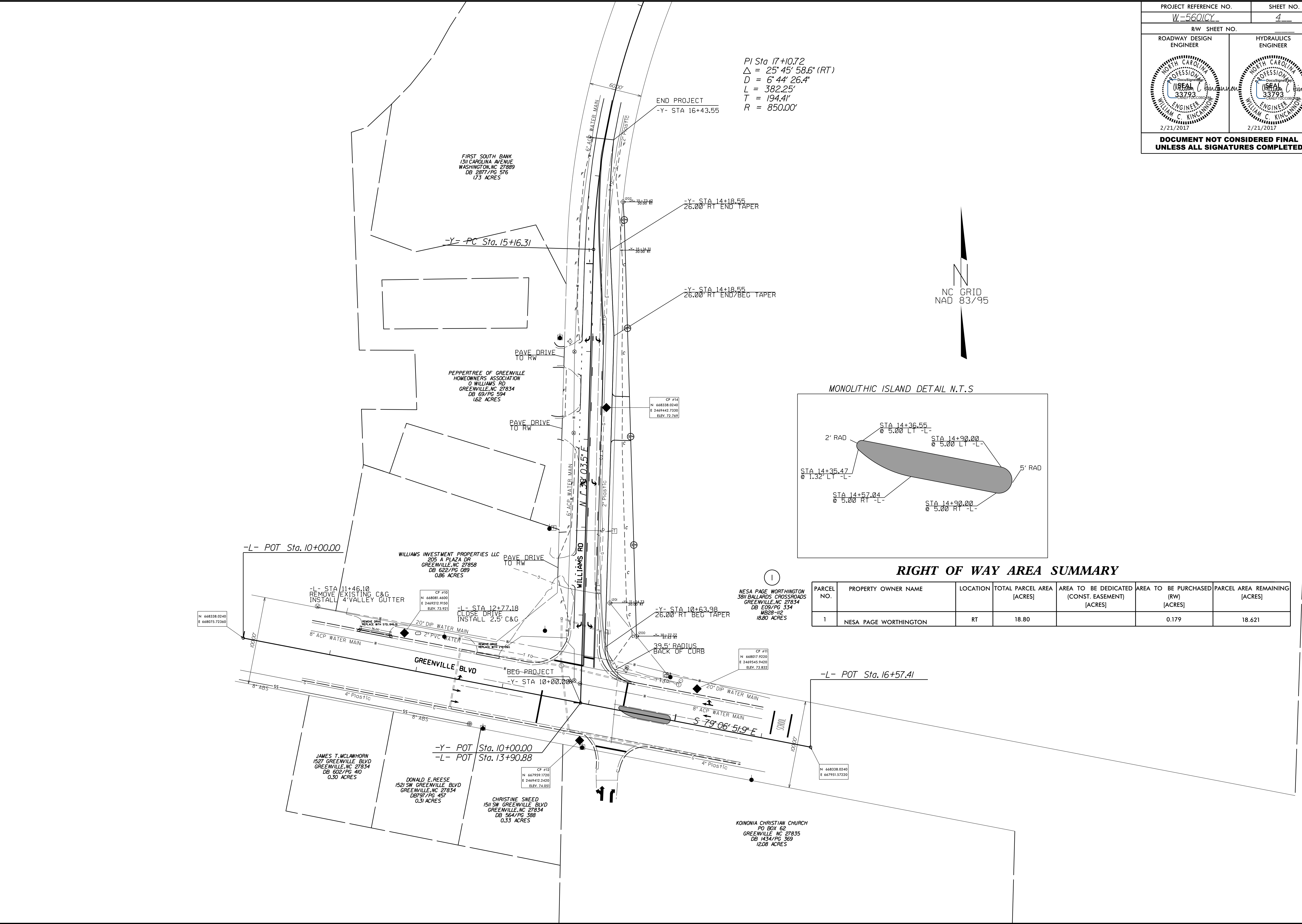
PI Sta 17+10.72
 $\Delta = 25^{\circ} 45' 58.6" (RT)$
 $D = 6' 44" 26.4"$
 $L = 382.25'$
 $T = 194.41'$
 $R = 850.00'$



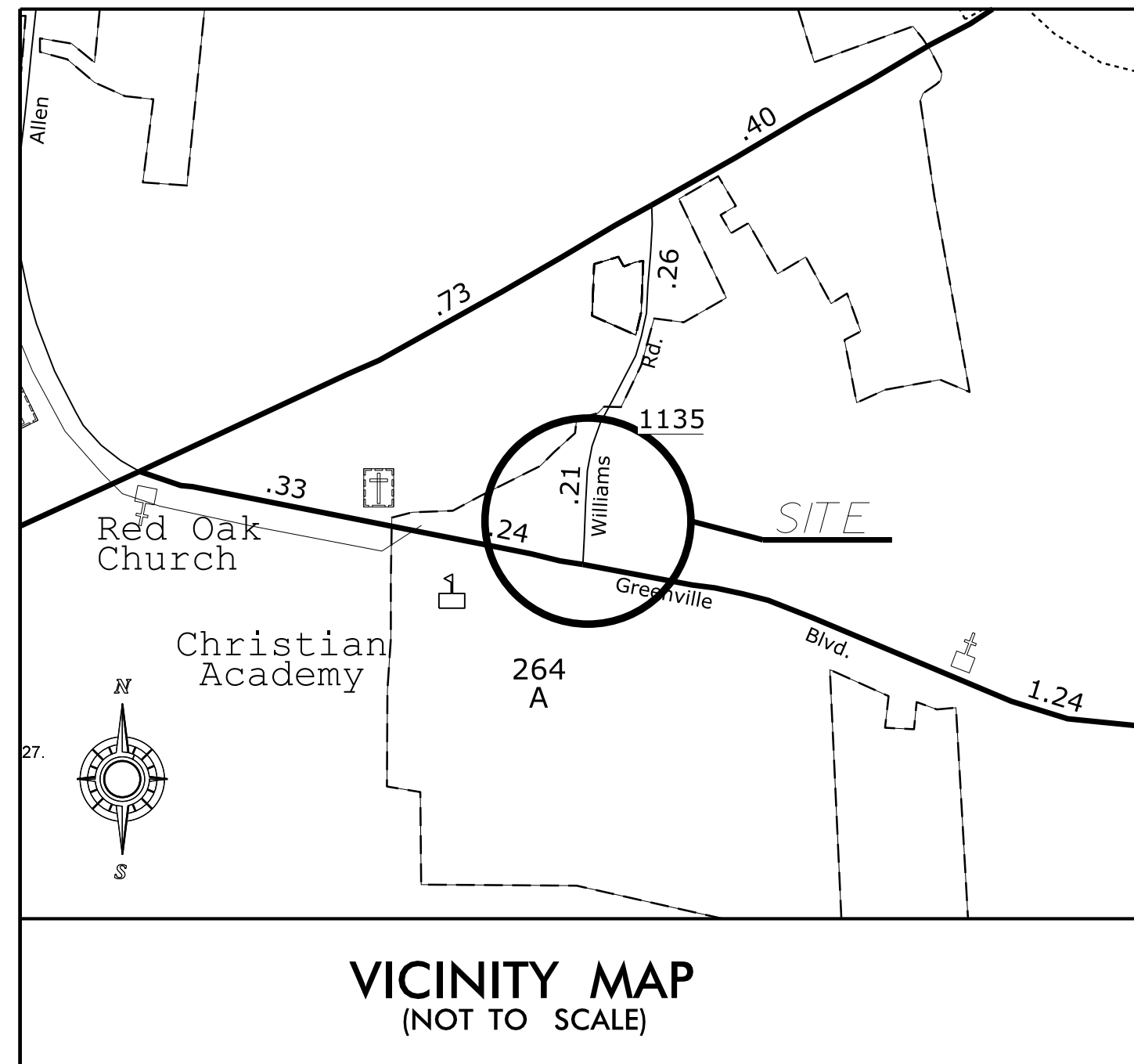
RIGHT OF WAY AREA SUMMARY

PARCEL NO.	PROPERTY OWNER NAME	LOCATION	TOTAL PARCEL AREA [ACRES]	AREA TO BE DEDICATED (CONST. EASEMENT) [ACRES]	AREA TO BE PURCHASED (RW) [ACRES]	PARCEL AREA REMAINING [ACRES]
1	NESA PAGE WORTHINGTON	RT	18.80		0.179	18.621

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 REVISIONS

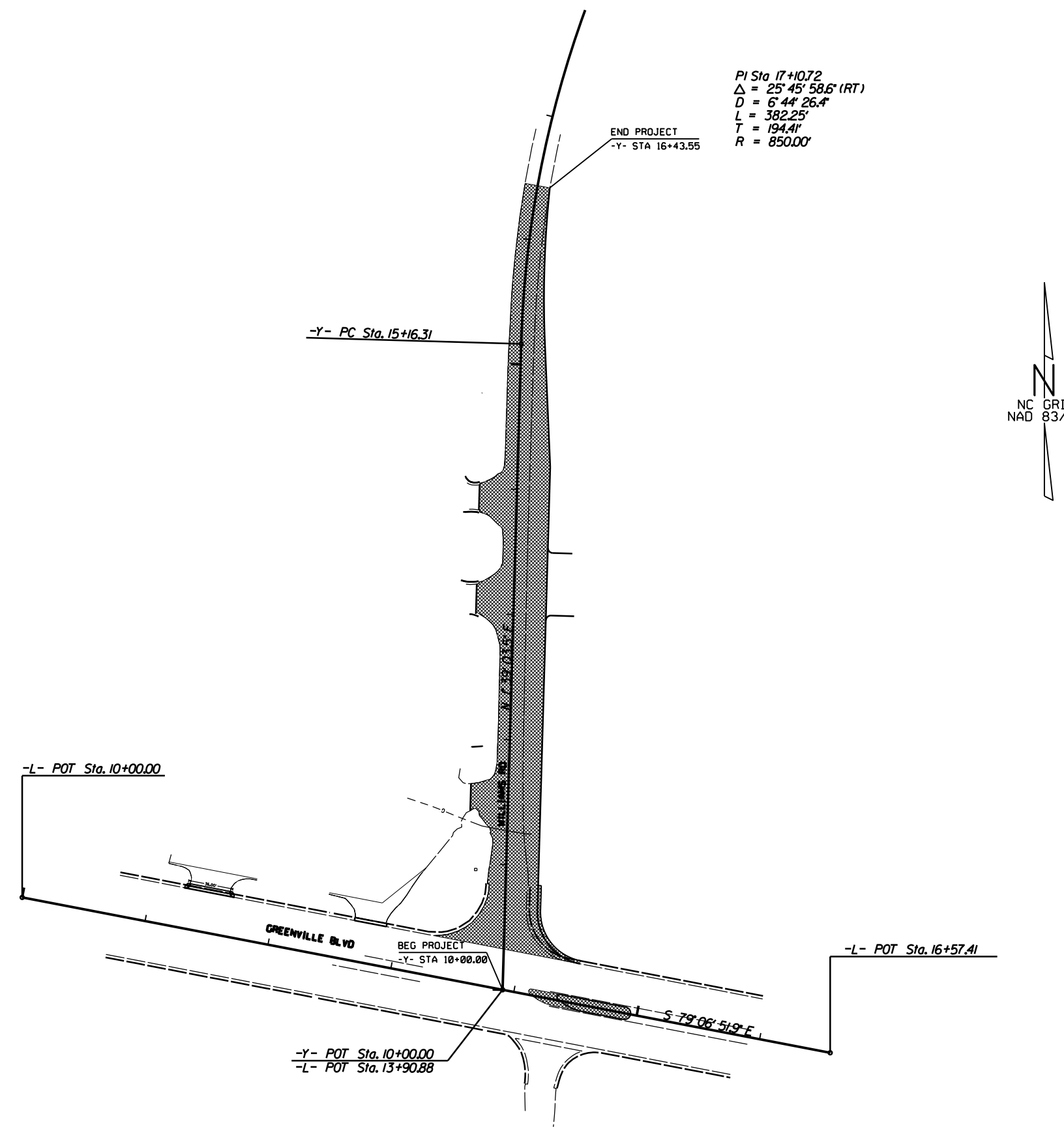


TIP PROJECT: W-5601CY



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
**PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL**

**LOCATION: PITT COUNTY AT THE INTERSECTION OF
GREENVILLE BLVD AND WILLIAMS RD**



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5601CY	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50138.1.104	HSIP-0264(060)	PE	
50138.2.104	HSIP-0264(060)	RW	
50138.3.104	HSIP-0264(060)	CONST	

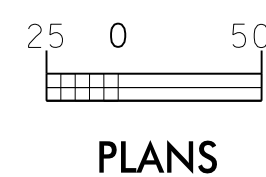
EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1630.03	Temporary Silt Ditch	TD
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	III III III
1606.01	Special Sediment Control Fence	▲▲▲▲▲
1622.01	Temporary Berms and Slope Drains	T
1630.02	Silt Basin Type B	▨
1633.01	Temporary Rock Silt Check Type-A	▨
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	▨
1633.02	Temporary Rock Silt Check Type-B	▨
	Wattle / Coir Fiber Wattle	⤵
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	⤵
1634.01	Temporary Rock Sediment Dam Type-A	▨
1634.02	Temporary Rock Sediment Dam Type-B	▨
1635.01	Rock Pipe Inlet Sediment Trap Type-A	⤵
1635.02	Rock Pipe Inlet Sediment Trap Type-B	⤵
1630.04	Stilling Basin	▨
1630.06	Special Stilling Basin	▨
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	▨
	Tiered Skimmer Basin	▨
	Infiltration Basin	▨

**THIS PROJECT CONTAINS
EROSION CONTROL PLANS
FOR CLEARING AND
GRUBBING PHASE OF
CONSTRUCTION.**

**THIS PROJECT HAS
BEEN DESIGNED TO
SENSITIVE WATERSHED
STANDARDS.**

GRAPHIC SCALE



ROADSIDE ENVIRONMENTAL UNIT
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

**THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY
WITH THE REGULATIONS SET FORTH BY THE
NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 3, 2011
ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND
NATURAL RESOURCES DIVISION OF WATER QUALITY.**

2012 STANDARD SPECIFICATIONS

Prepared in the Office of:
DIVISION 2 DDC
1704 NORTH GREENE STREET
GREENVILLE, NC 27835

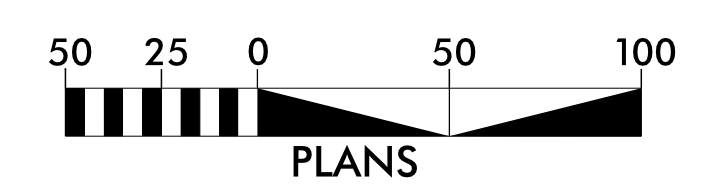
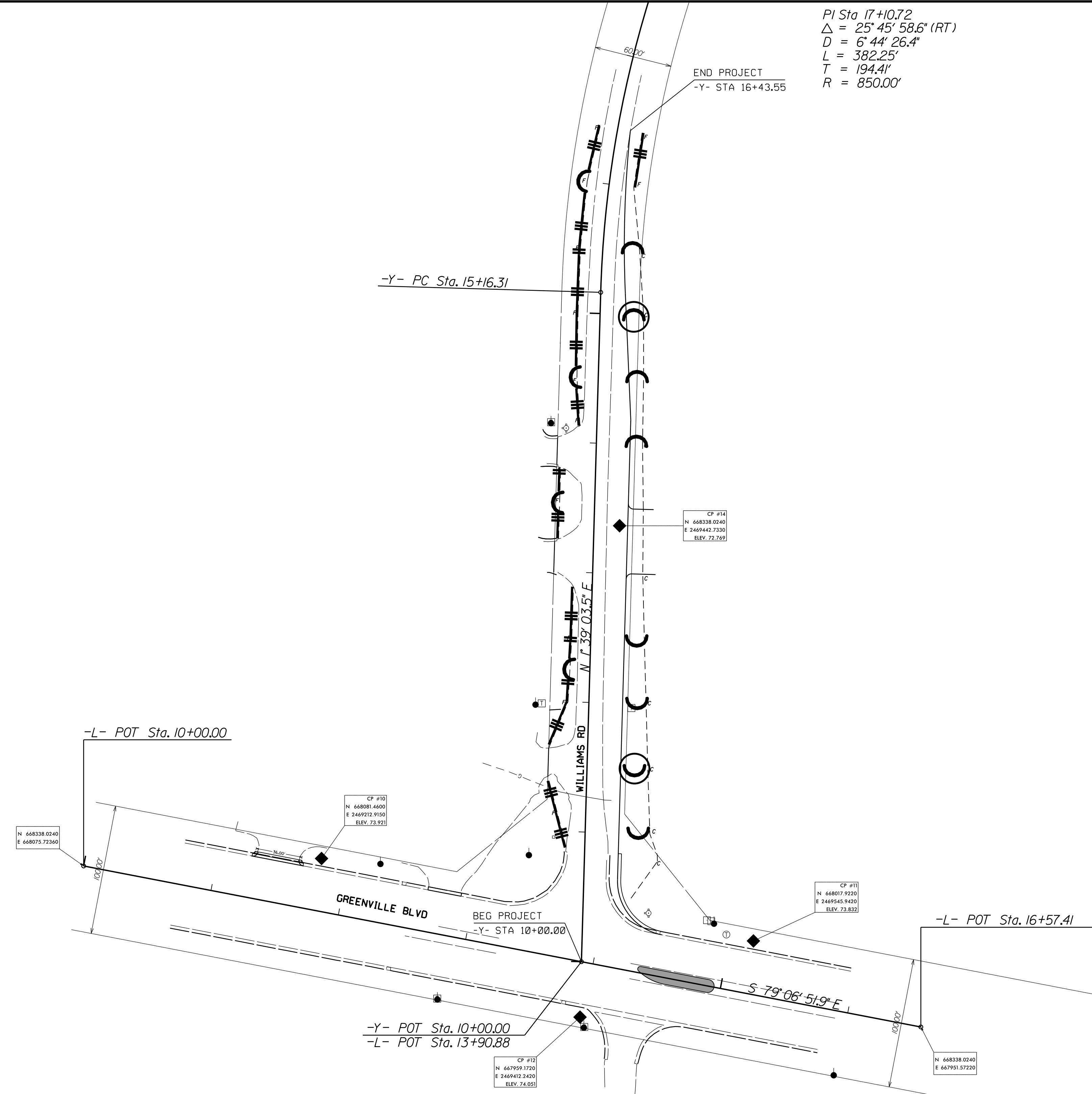
Timothy Pinkham
Level III
Certification #3510

Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2012 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

1604.01 Railroad Erosion Control Detail	1632.01 Rock Inlet Sediment Trap Type A
1605.01 Temporary Silt Fence	1632.02 Rock Inlet Sediment Trap Type B
1606.01 Special Sediment Control Fence	1632.03 Rock Inlet Sediment Trap Type C
1607.01 Gravel Construction Entrance	1633.01 Temporary Rock Silt Check Type A
1622.01 Temporary Berms and Slope Drains	1633.02 Temporary Rock Silt Check Type B
1630.01 Riser Basin	1634.01 Temporary Rock Sediment Dam Type A
1630.02 Silt Basin Type B	1634.02 Temporary Rock Sediment Dam Type B
1630.03 Temporary Silt Ditch	1635.01 Rock Pipe Inlet Sediment Trap Type A
1630.04 Stilling Basin	1635.02 Rock Pipe Inlet Sediment Trap Type B
1630.05 Temporary Diversion	1640.01 Coir Fiber Baffle
1630.06 Special Stilling Basin	1645.01 Temporary Stream Crossing
1631.01 Matting Installation	

PI Sta 17+10.72
 $\Delta = 25^\circ 45' 58.6" (RT)$
 $D = 6' 44" 26.4'$
 $L = 382.25'$
 $T = 194.4'$
 $R = 850.00'$



SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HOW ZONES.

Std. #	Description	Symbol
1605.01	High Vis Temporary Silt Fence	
1632.03	Rock Inlet Sediment Trap Type C	□
SP	Wattle with Polyacrylamide	⊖
SP	Wattle	⊕
	Ditch Flow Line	→

NOTE: THE CONTRACTOR SHALL INSTALL WATTLES IN LOW AREAS OF SILT FENCE AS NEEDED OR AS DIRECTED BY THE ENGINEER.

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.
ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

CONTRACTOR SHALL INSTALL SPECIAL SEDIMENT CONTROL FENCE OR WATTLES IN LOW AREAS OF SILT FENCE AS NEEDED OR DIRECTED BY THE ENGINEER.

REVISIONS

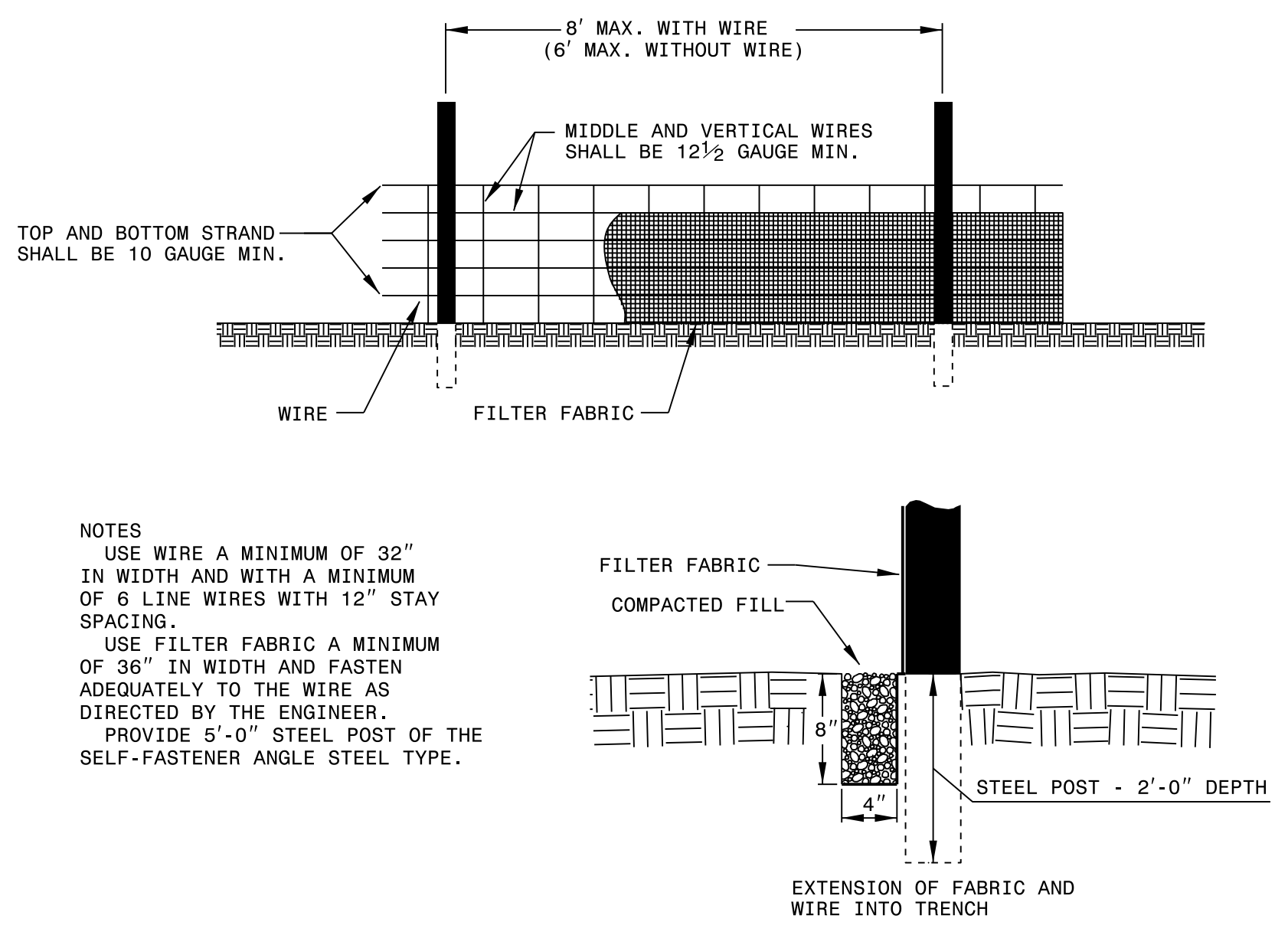
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STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR TEMPORARY SILT FENCE

SHEET 1 OF 1 1605.01



STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

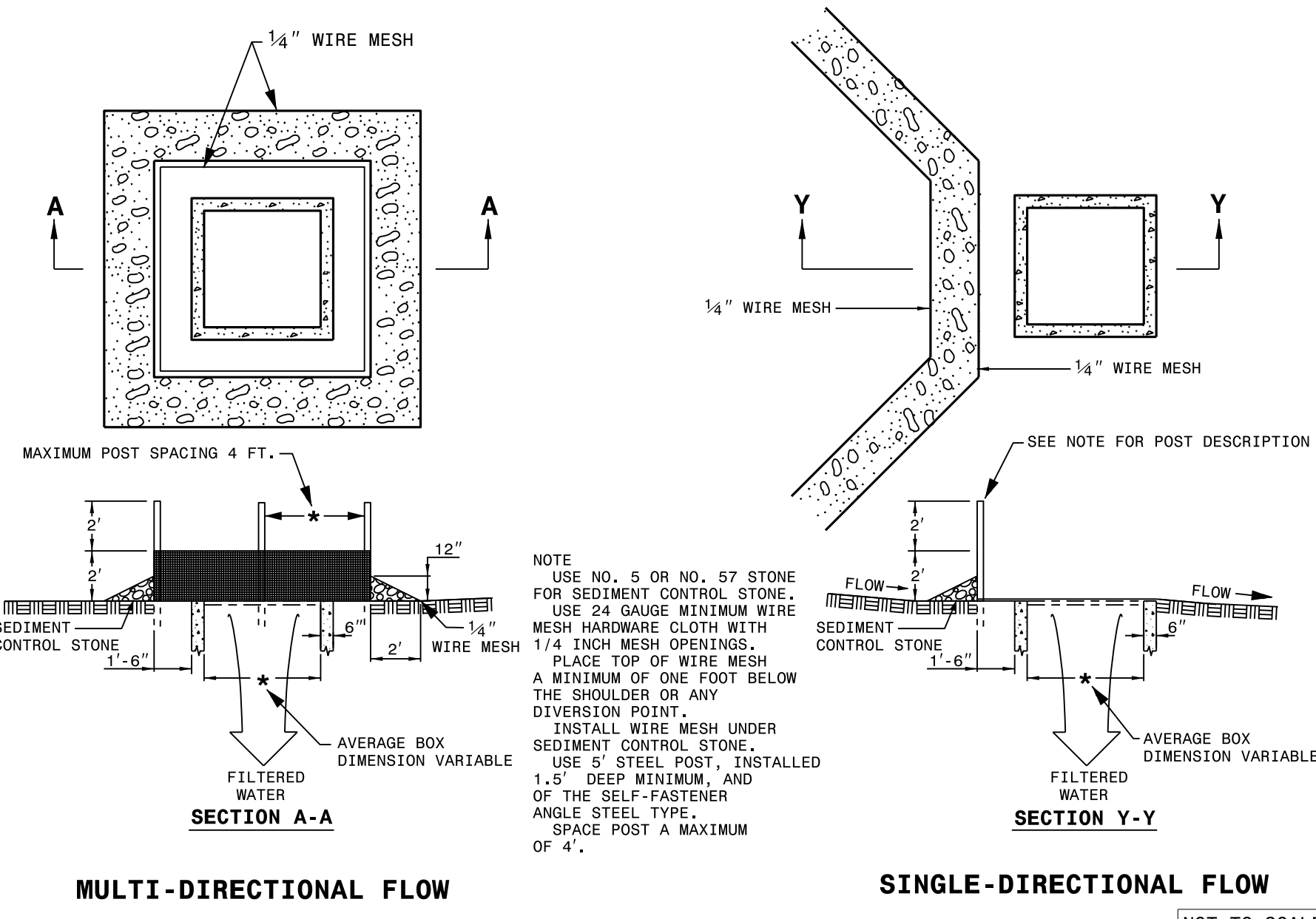
ENGLISH STANDARD DRAWING FOR TEMPORARY SILT FENCE

SHEET 1 OF 1 1605.01

STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR ROCK INLET SEDIMENT TRAP TYPE 'C'

SHEET 1 OF 1 1632.03



STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

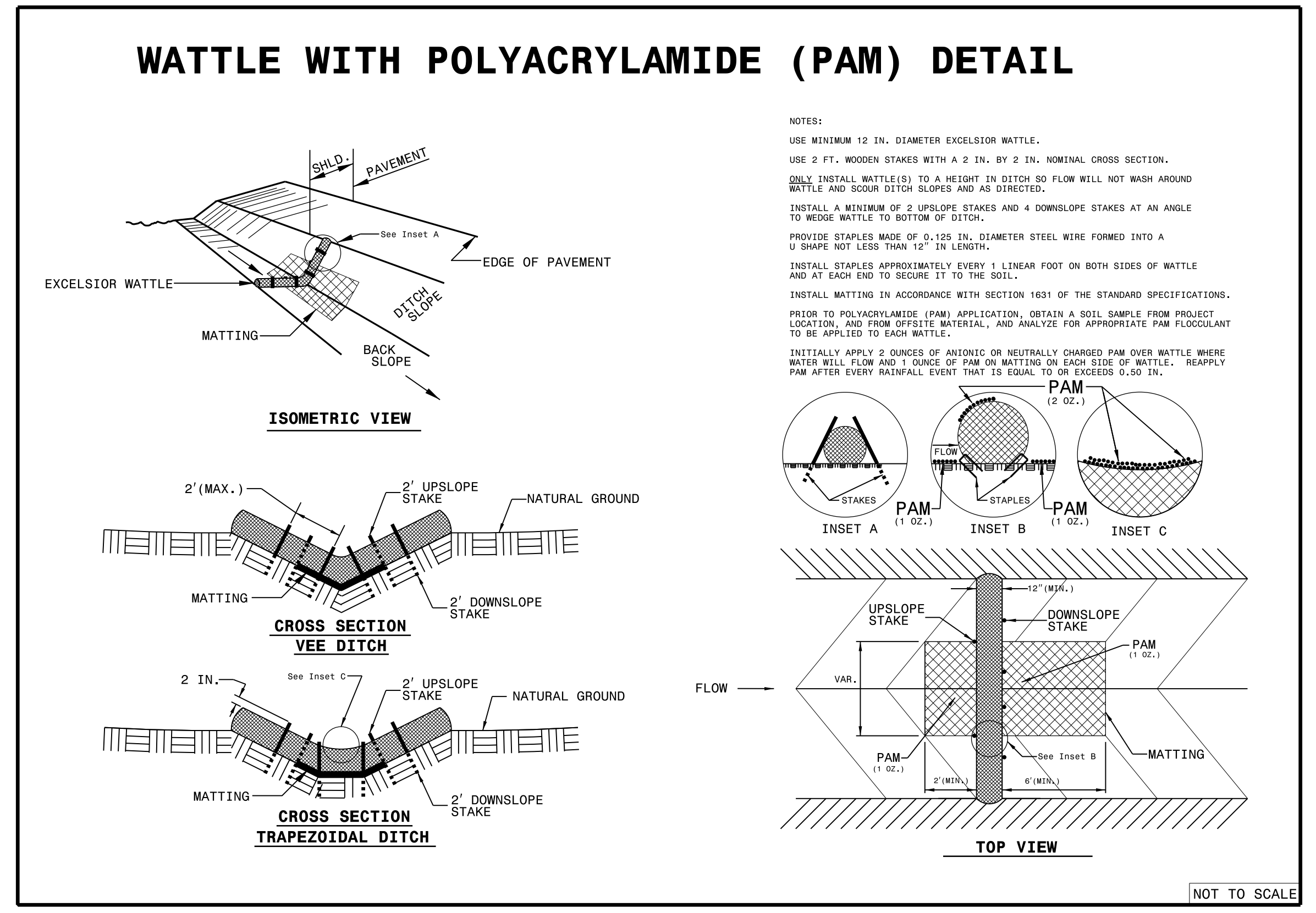
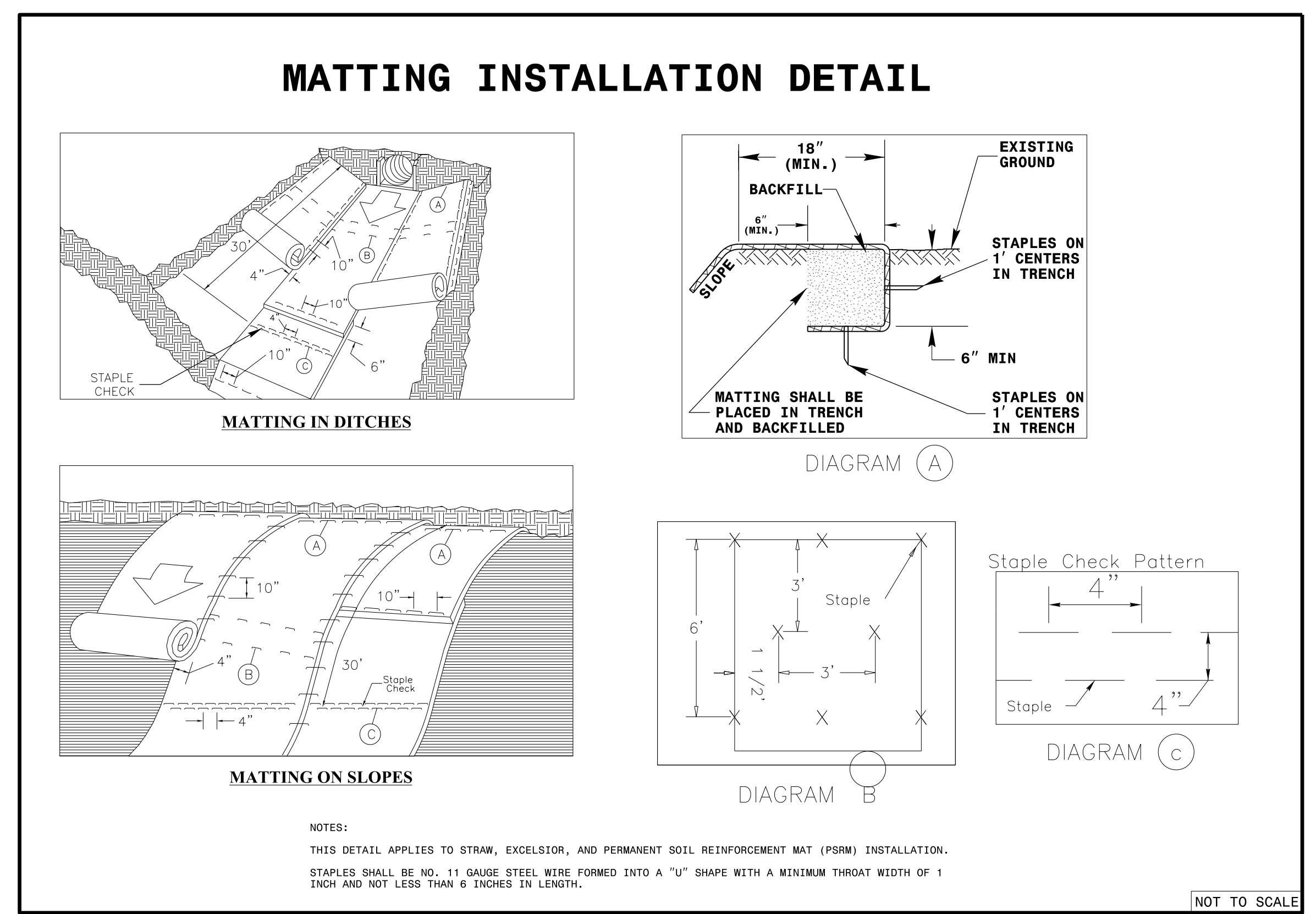
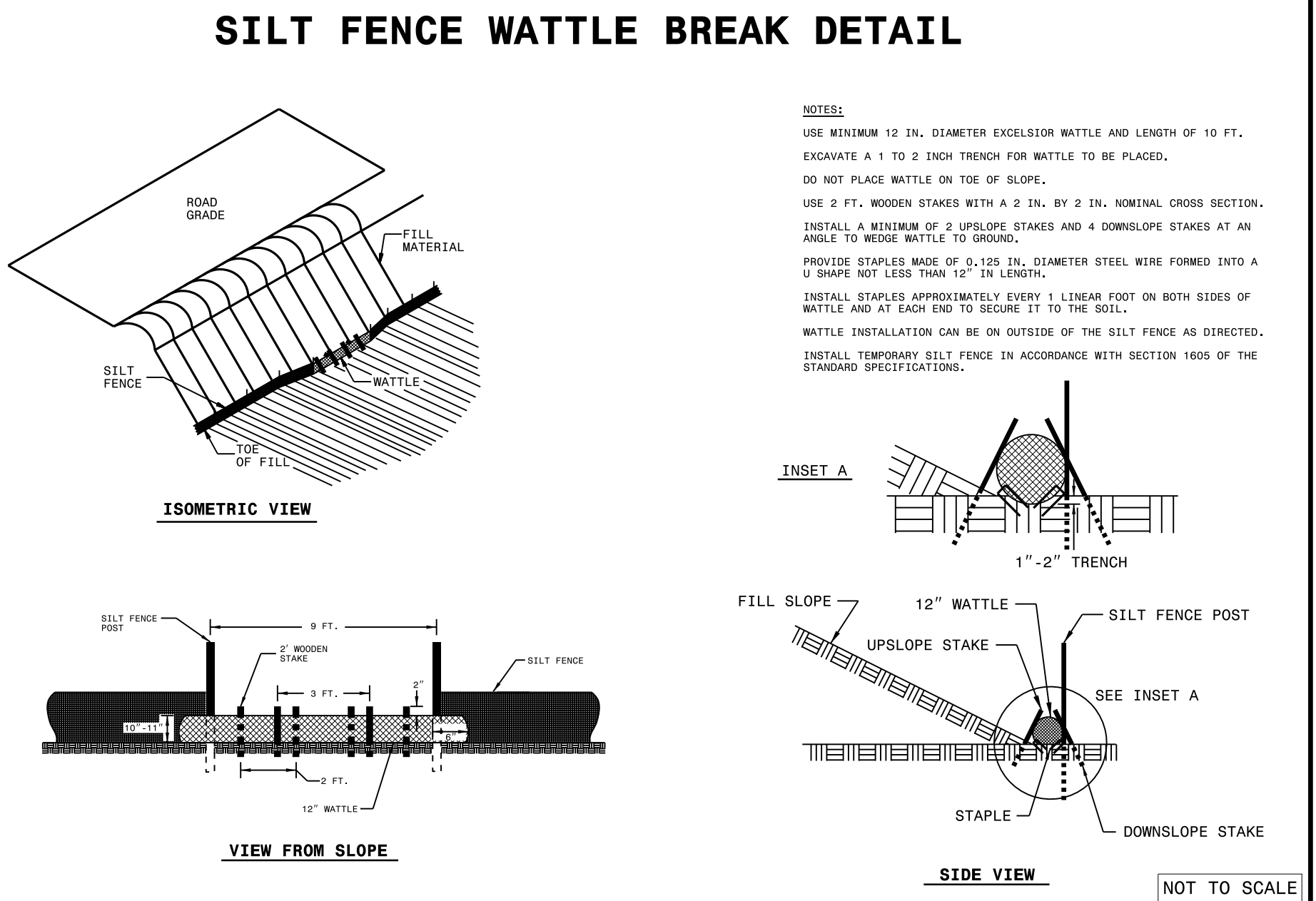
ENGLISH STANDARD DRAWING FOR ROCK INLET SEDIMENT TRAP TYPE 'C'

SHEET 1 OF 1 1632.03

STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR SILT FENCE WATTLE BREAK DETAIL

SHEET 1 OF 1 1632.03



REVISIONS

8/17/99

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PHASING DIAGRAM

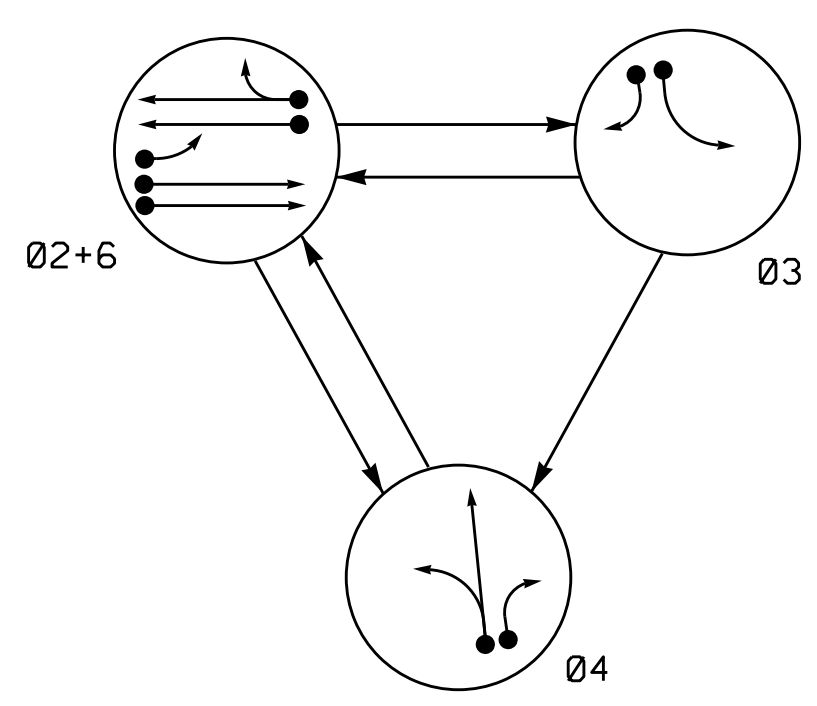


TABLE OF OPERATION

SIGNAL FACE	PHASE			
	02+6	03	04	HEAD
21	F	R	R	Y
22,23	G	R	R	Y
31,32	R	G	R	R
41	R	R	G	R
42	R	R	G	R
61,62	G	R	R	Y

ASC/3 DETECTOR INSTALLATION CHART

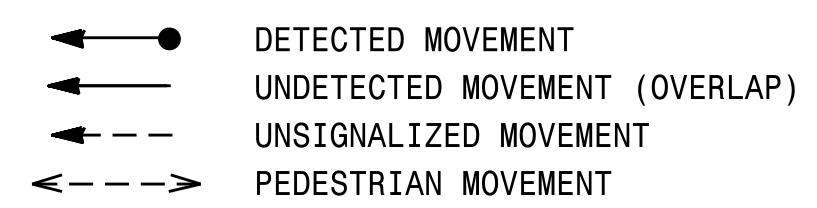
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING						
					PHASE	CALLING	EXTEND TIME	DELAY TIME	TYPE	SYSTEM LOOP	NEW CARD
2A	6X6	355	5	X	2	Yes	-	-	N	-	X
2B	6X6	355	5	X	2	Yes	-	-	N	-	X
2C	6X40	+5	2-4-2	X	2	Yes	-	3	G	-	X
3A	6X40	+5	2-4-2	X	3	Yes	-	-	S	-	X
3B	6X40	+5	2-4-2	X	3	Yes	-	15	S	-	X
4A	6X40	+5	2-4-2	X	4	Yes	-	-	S	-	X
4B	6X40	+5	2-4-2	X	4	Yes	-	15	S	-	X
6A	6X6	355	5	X	6	Yes	-	-	N	-	X
6B	6X6	355	5	X	6	Yes	-	-	N	-	X

3 Phase Fully Actuated Greenville Signal System

NOTES

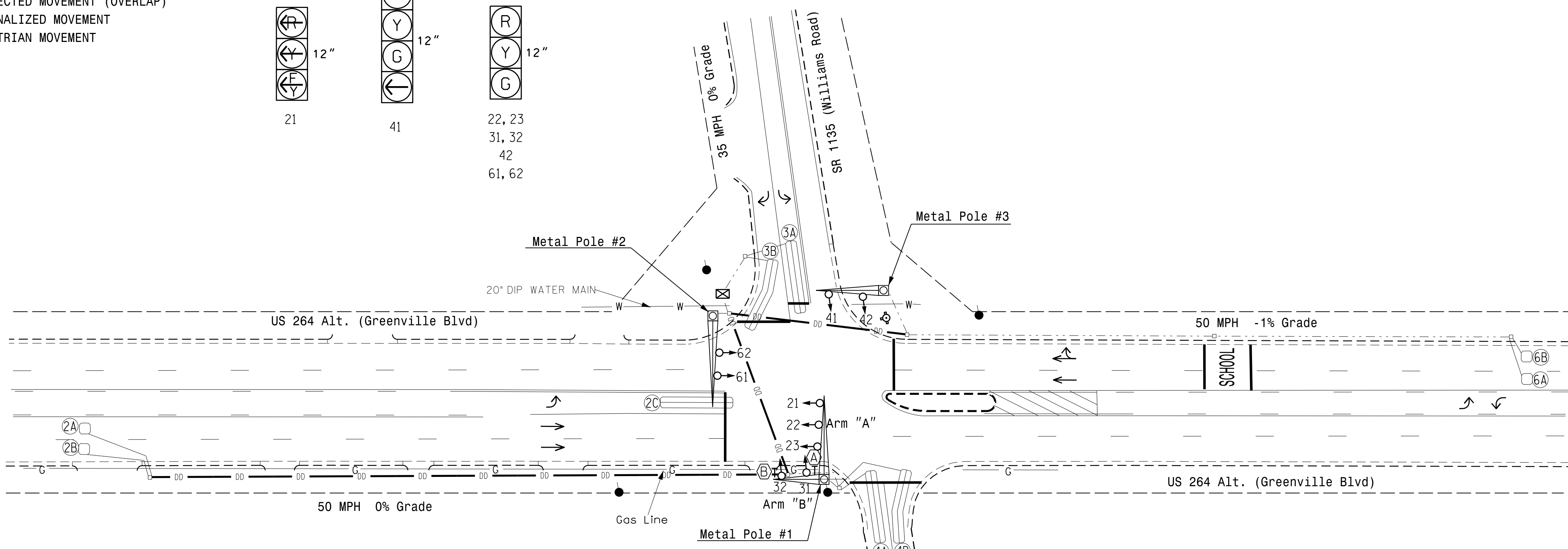
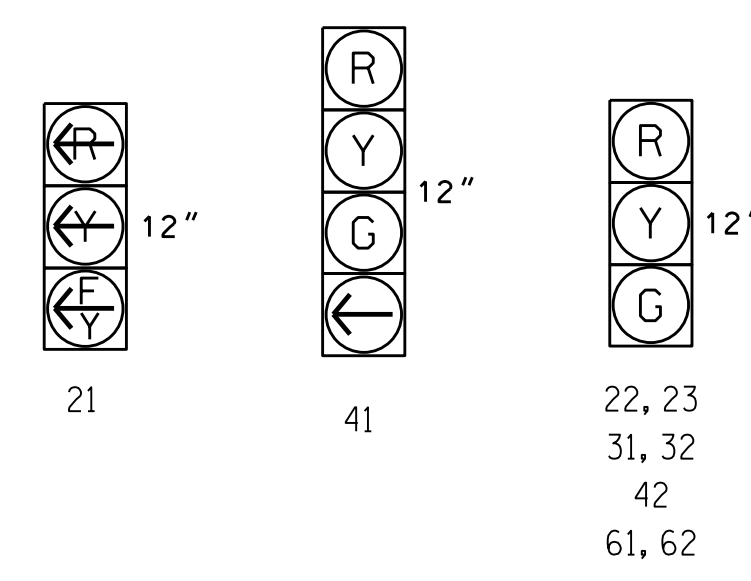
- Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- The order of phase 3 and phase 4 may be reversed.
- Set all detector units to presence mode.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

PHASING DIAGRAM DETECTION LEGEND

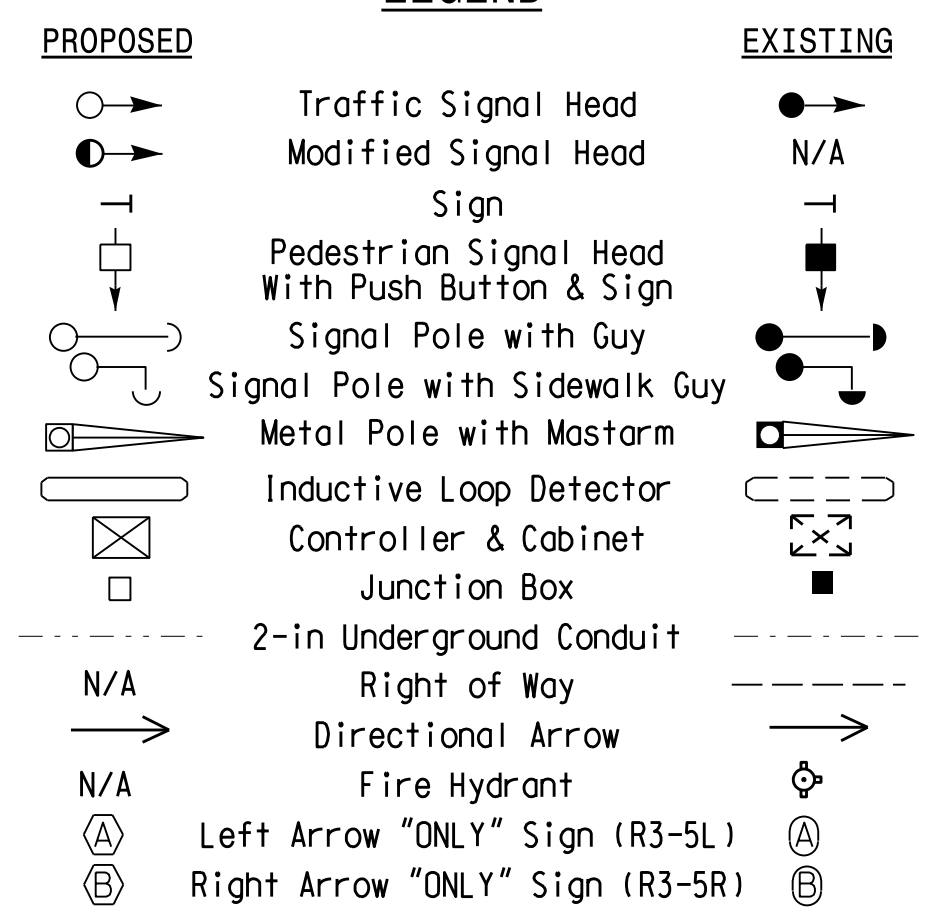


SIGNAL FACE I.D.

All Heads L.E.D.



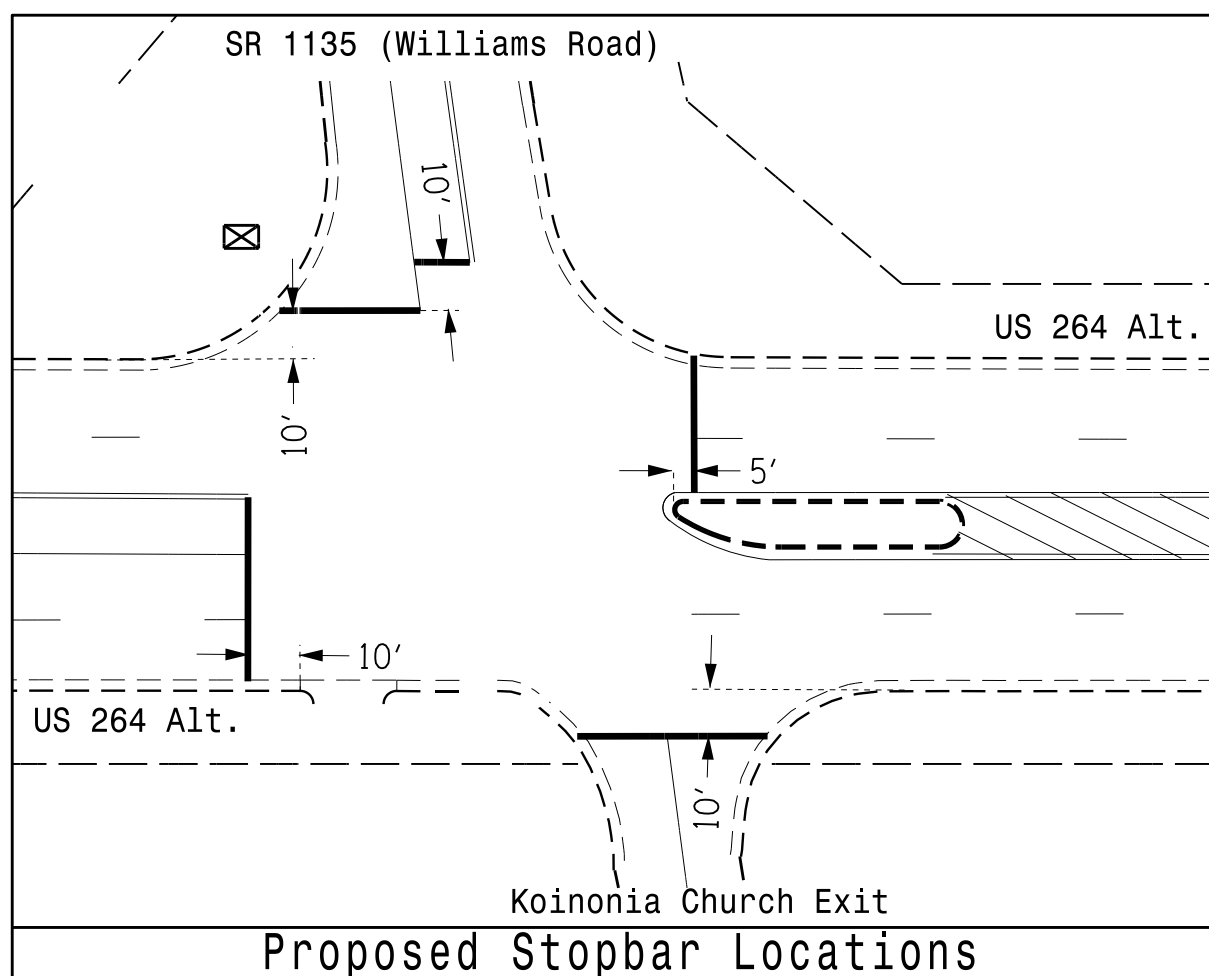
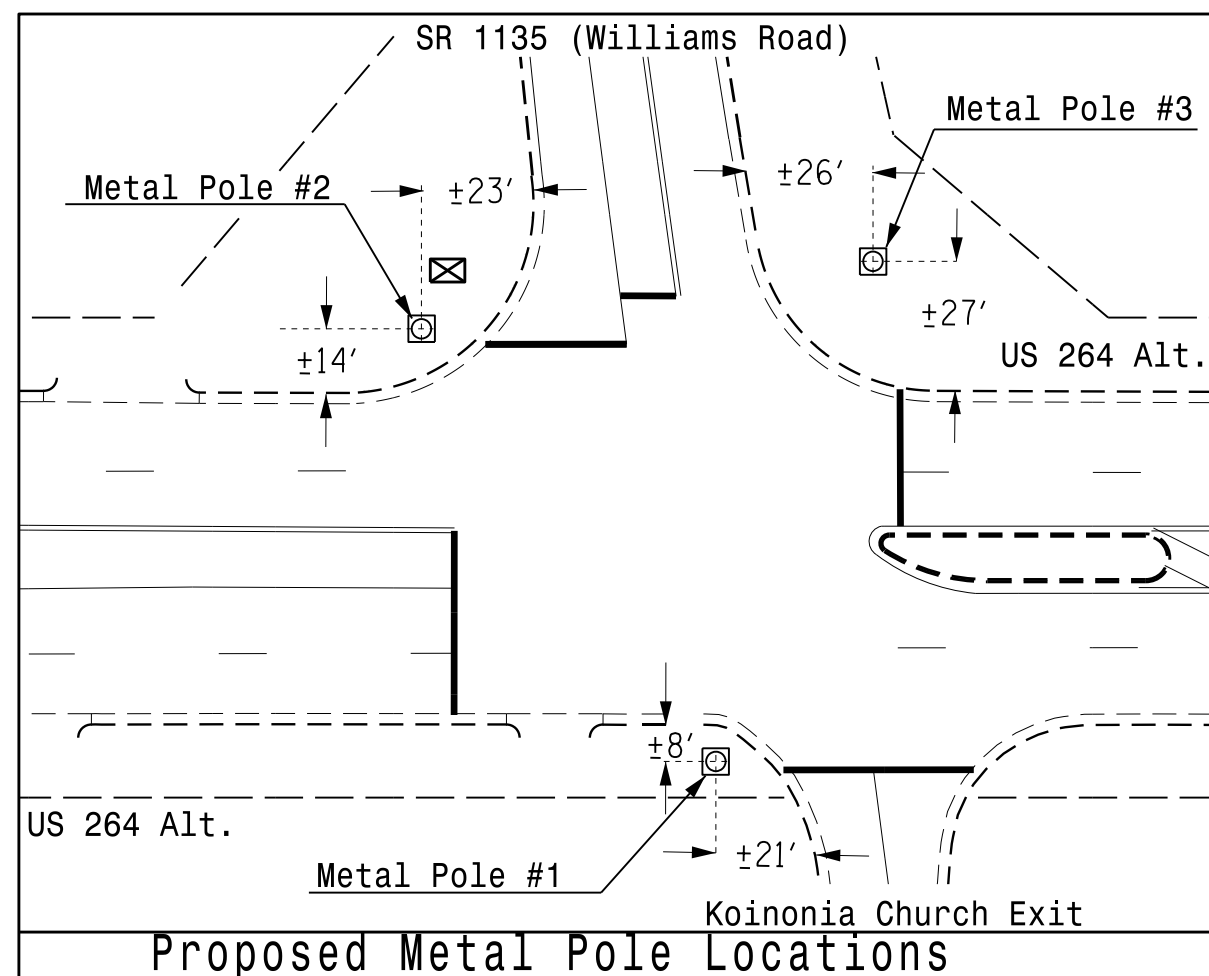
LEGEND



ASC/3 TIMING CHART

FEATURE	PHASE			
	2	3	4	6
Min Green *	14	7	7	14
Walk *	0	0	0	0
Ped Clear	0	0	0	0
Veh. Extension *	6.0	2.0	2.0	6.0
Max 1 *	60	20	20	60
Yellow	4.9	3.8	3.0	4.9
Red Clear	1.3	2.1	4.4	1.3
Actuations B4 Add *	-	-	-	-
Seconds / Actuation *	1.5	-	-	1.5
Max Initial *	39	-	-	39
Time Before Reduction *	15	-	-	15
Time To Reduce *	30	-	-	30
Minimum Gap	3.0	-	-	3.0
Locking Detector	X	-	-	X
Recall Position	VEH. RECALL	-	-	VEH. RECALL
Dual Entry	-	-	-	-
Simultaneous Gap	X	X	X	X

* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.



New Installation/Corr. File No. 02-15-34795

US 264 Alt. (Greenville Blvd) at SR 1135 (Williams Rd)/Koinonia Church Exit

Division 2 Pitt County Greenville

PLAN DATE: September 2016 REVIEWED BY: ME Giles, PE

PREPARED BY: EM Minshew REVIEWED BY: JPG, PE

750 N. Greenfield Pkwy, Garner, NC 27529

SCALE 0 40 1"=40'

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

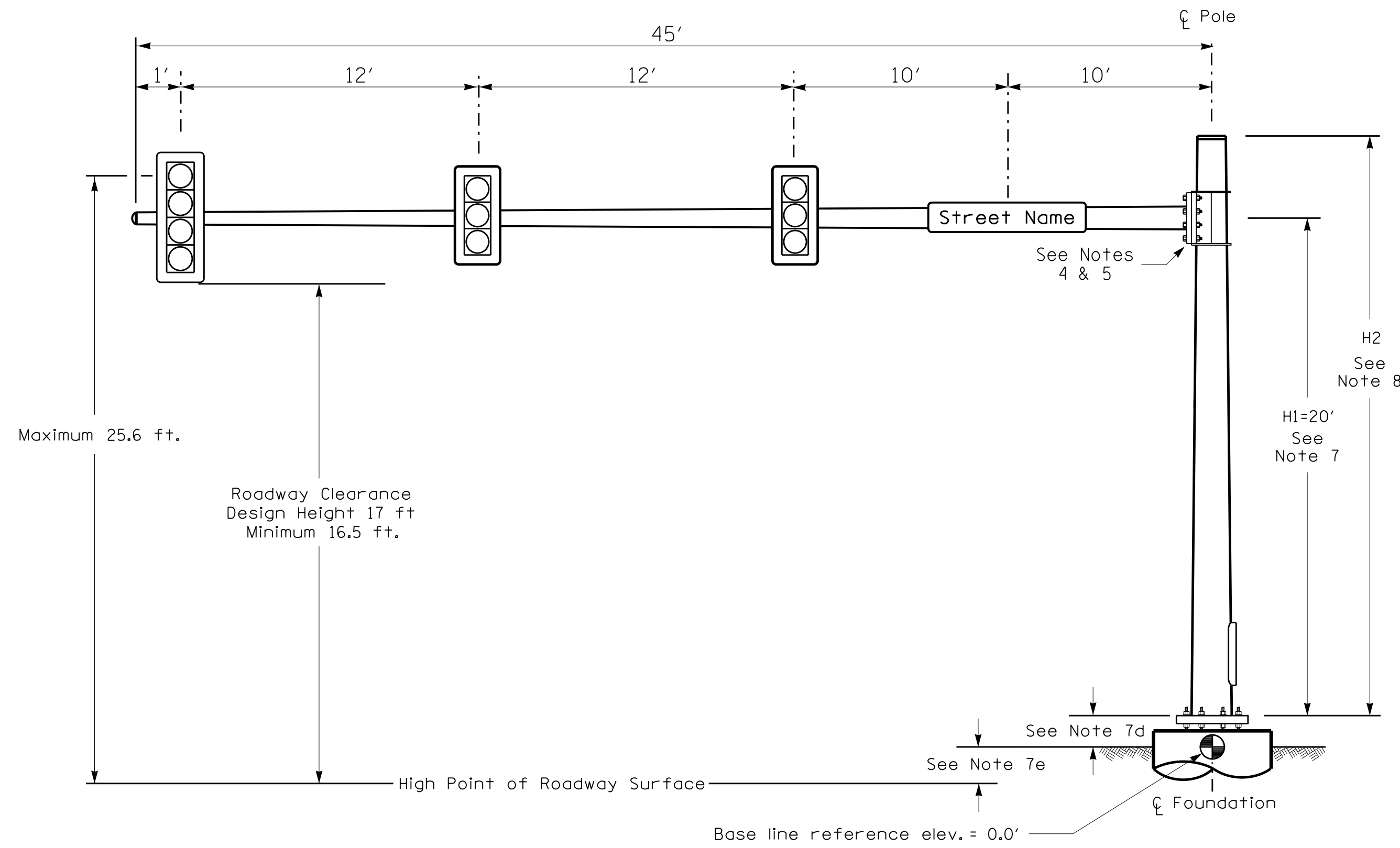
SEAL MECHAN E. GILES ENGINEER 042608

11/30/2016 DATE

SIG. INVENTORY NO. 02-0910

23-10010-2016-13-18
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 emminshew

Design Loading for METAL POLE NO. 2



Elevation View

SPECIAL NOTE
The contractor is responsible for verifying that the mast arm attachment height (H1) will provide the "Design Height" clearance from the roadway before submitting final shop drawings for approval. Verify elevation data below which was obtained by field measurement or from available project survey data.

Elevation Data for Mast Arm Attachment (H1)

Elevation Differences for:	Pole 2	Pole 3
Baseline reference point at ϕ Foundation @ ground level	0.0 ft.	0.0 ft.
Elevation difference at High point of roadway surface	+0.6 ft.	+1.0 ft.
Elevation difference at Edge of travelway or face of curb	+0.3 ft.	+1.5 ft.

MAST ARM LOADING SCHEDULE

LOADING SYMBOL	DESCRIPTION	AREA	SIZE	WEIGHT
	RIGID MOUNTED SIGNAL HEAD 12"-5 SECTION-WITH BACKPLATE	16.3 S.F.	42.0" W X 56.0" L	103 LBS
	RIGID MOUNTED SIGNAL HEAD 12"-4 SECTION-WITH BACKPLATE	11.5 S.F.	25.5" W X 66.0" L	74 LBS
	RIGID MOUNTED SIGNAL HEAD 12"-3 SECTION-WITH BACKPLATE	9.3 S.F.	25.5" W X 52.5" L	60 LBS
	STREET NAME SIGN RIGID MOUNTED	16.0 S.F.	24.0" W X 96.0" L	36 LBS

NOTES

DESIGN REFERENCE MATERIAL

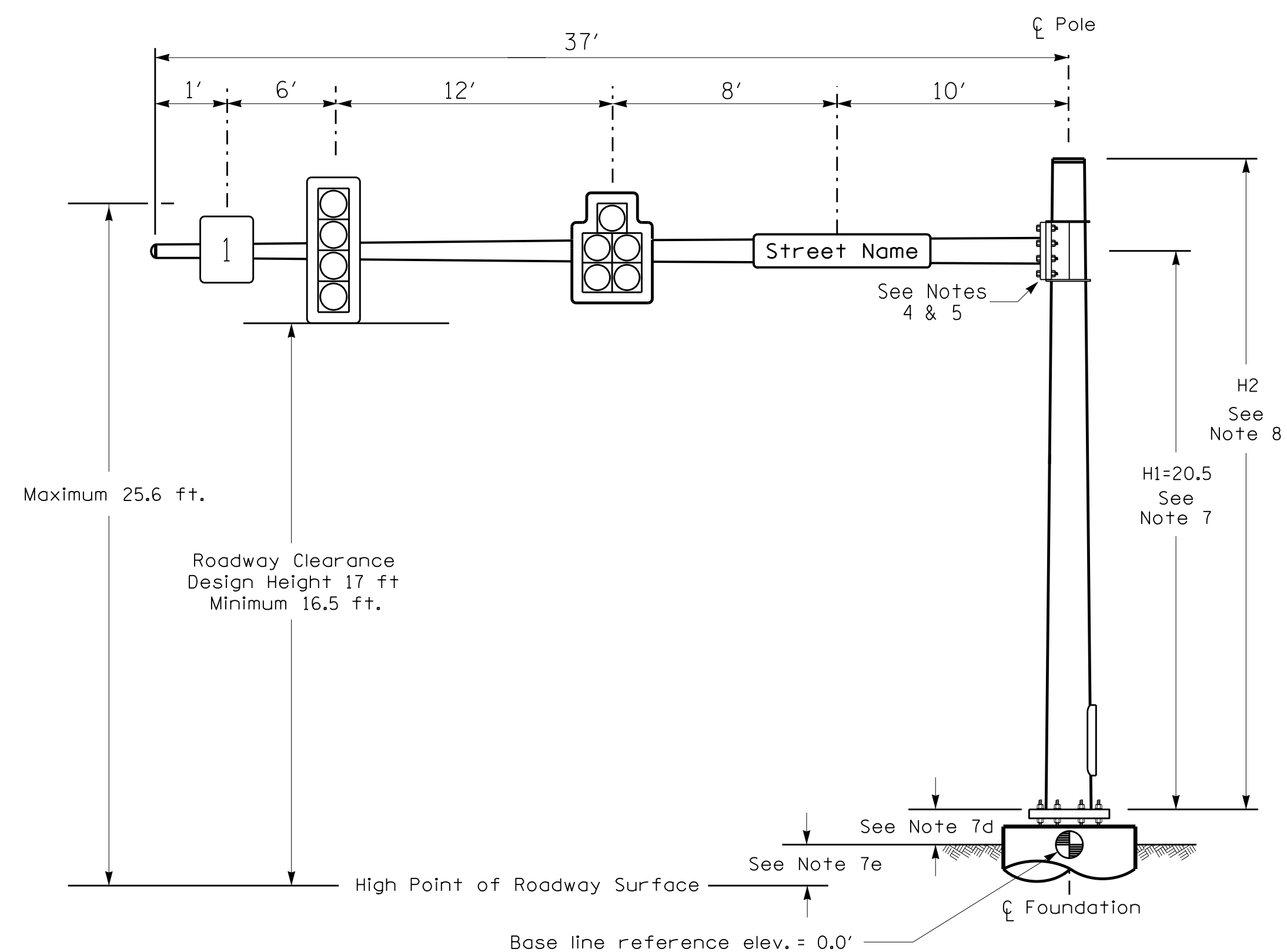
- Design the traffic signal structure and foundation in accordance with:
 - The 6th Edition 2013 AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, including all of the latest interim revisions.
 - The 2012 NCDOT "Standard Specifications for Roads and Structures." The latest addenda to the specifications can be found in the traffic signal project special provisions.
 - The 2012 NCDOT Roadway Standard Drawings.
 - The traffic signal project plans and special provisions.
 - The NCDOT "Metal Pole Standards" located at the following NCDOT website: <https://connect.ncdot.gov/resources/safety/Pages/ITS-Design-Resources.aspx>

DESIGN REQUIREMENTS

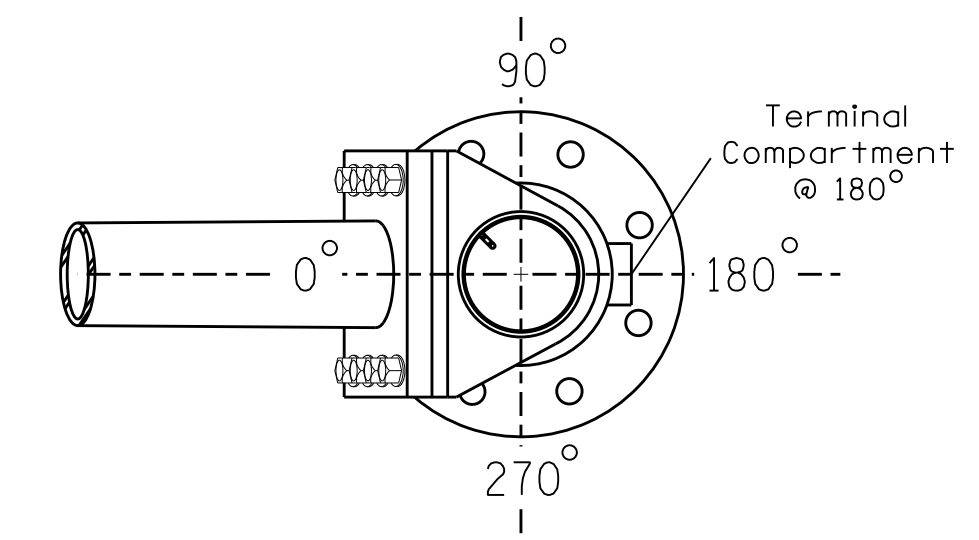
- Design the traffic signal structure using the loading conditions shown in the elevation views. These are anticipated worst case "design loads" and may not represent the actual loads that will be applied at the time of the installation. The contractor should refer to the traffic signal plans for the actual loads that will be applied at the time of the installation.
- Design all signal supports using stress ratios that do not exceed 0.9.
- The camber design for the mast arm deflection should provide an appearance of a low pitched arch where the tip or the free end of the mast arm does not deflect below horizontal when fully loaded.
- A clamp-type bolted mast arm-to-pole connection may be used instead of the welded ring stiffened box connection shown as long as the connection meets all of the design requirements.
- Design base plate with 8 anchor bolt holes. Provide 2 inch x 60 inch anchor bolts.
- The mast arm attachment height (H1) shown is based on the following design assumptions:
 - Mast arm slope and deflection are not considered in determining the arm attachment height as they are assumed to offset each other.
 - Signal heads are rigidly mounted and vertically centered on the mast arm.
 - The roadway clearance height for design is as shown in the elevation views.
 - The top of the pole base plate is 0.75 feet above the ground elevation.
 - Refer to the Elevation Data Chart for the elevation differences between the proposed foundation ground level and the high point of the roadway.
- The pole manufacturer will determine the total height (H2) of each pole using the greater of the following:
 - Mast arm attachment height (H1) plus 2 feet, or
 - H1 plus 1/2 of the total height of the mast arm attachment assembly plus 1 foot.
- If pole location adjustments are required, the contractor must gain approval from the Engineer as this may affect the mast arm lengths and arm attachment heights. The contractor may contact the Signal Design Section Senior Structural Engineer for assistance at (919) 773-2800.
- The contractor is responsible for verifying that the mast arm length shown will allow proper positioning of the signal heads over the roadway.
- The contractor is responsible for providing soil penetration testing data (SPT) to the pole manufacturer so site specific foundations can be designed.

All metal poles and arms should be Black Powder Coated in color as specified in the project special provisions.

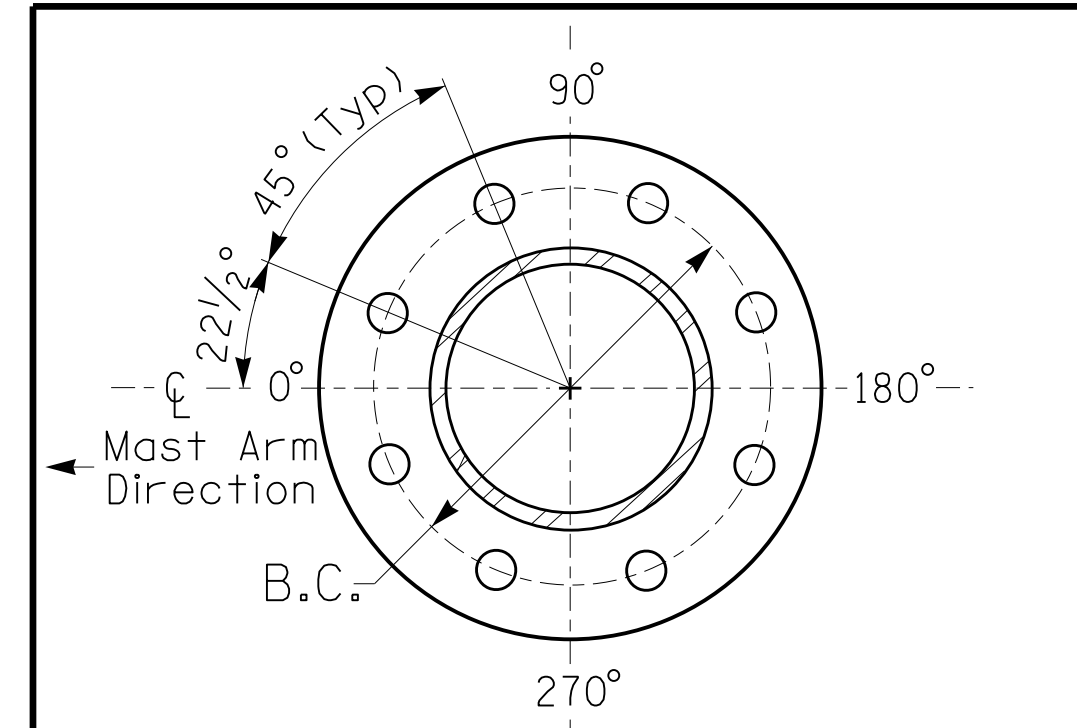
Design Loading for METAL POLE NO. 3



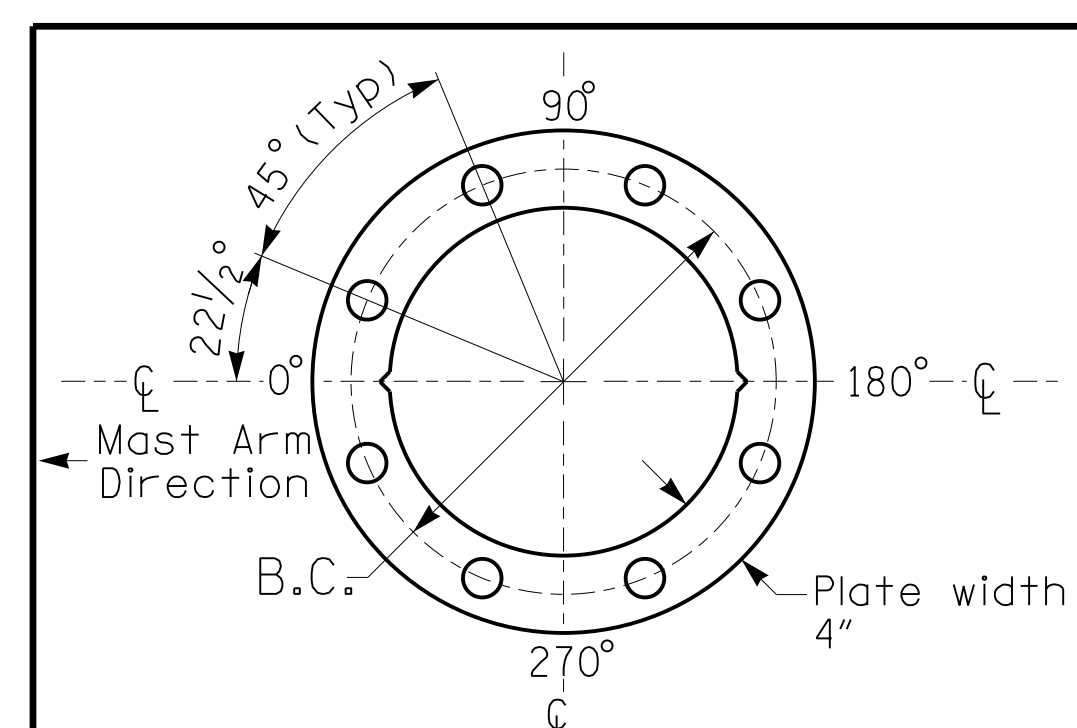
Elevation View



POLE RADIAL ORIENTATION



8 BOLT BASE PLATE DETAIL



BASE PLATE TEMPLATE & ANCHOR BOLT LOCK PLATE DETAIL For 8 Bolt Base Plate

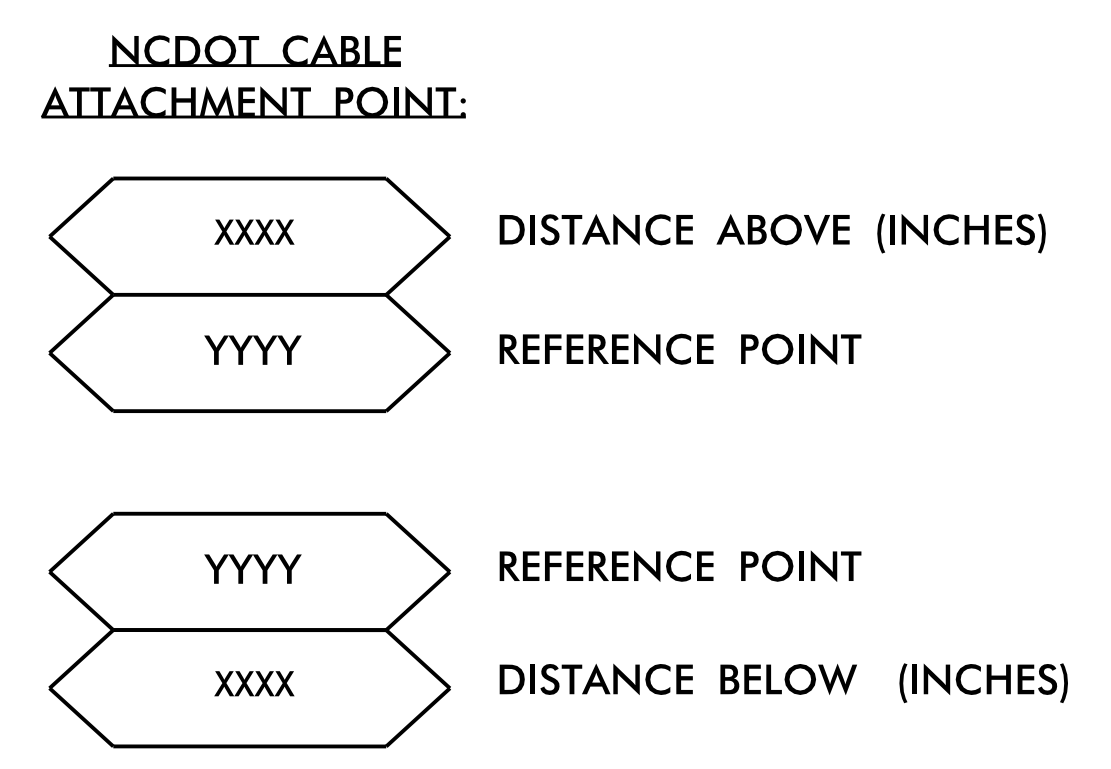
NCDOT Wind Zone 2 (130 mph)

	US 264 Alt. (Greenville Blvd.) at SR 1135 (Williams Rd) / Koinonia Church Exit Division 2 Pitt County Greenville	
	PLAN DATE: November 2016 REVIEWED BY: M. Giles, PE PREPARED BY: EM Minshew REVIEWED BY:	
SCALE: 0 N/A N/A	REVISIONS: INIT. DATE	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 042608 MECHAN E. GILES 12/19/2016 DATE SIG. INVENTORY NO. 02-0910

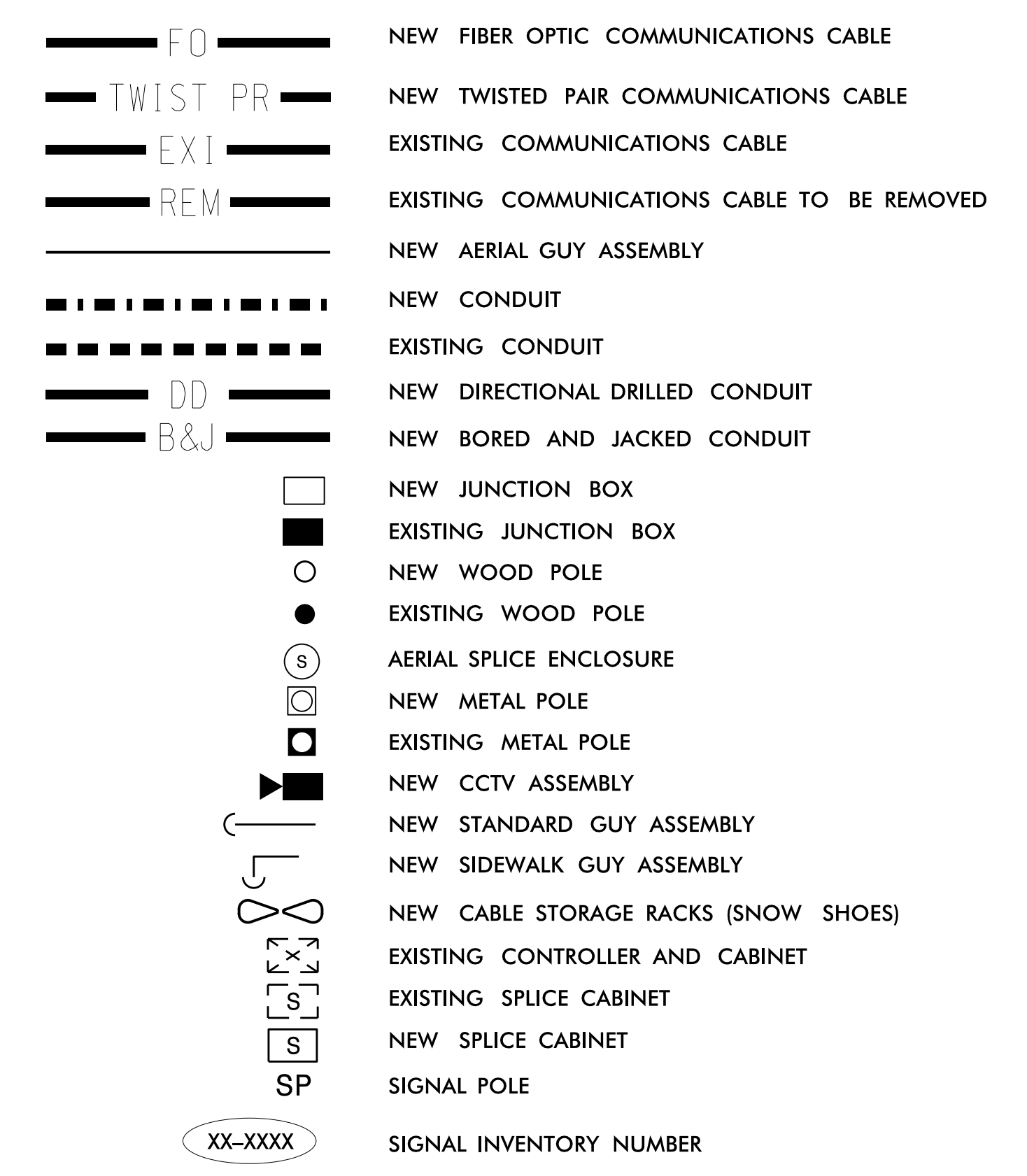
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 emminshew

- 1 INSTALL REA, PE - 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE
- 2 INSTALL REA, PE - 38, (FIGURE 8) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE
- 3 INSTALL REA, PE - 39, (UNDERGROUND) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE
- 4 INSTALL SMFO CABLE
- 5 INSTALL MMFO CABLE
- 6 INSTALL FIBER OPTIC DROP CABLE
- 7 INSTALL TRACER WIRE
- 8 TRENCH
- 9 INSTALL PVC CONDUIT
- 10 INSTALL RIGID, GALVANIZED STEEL CONDUIT
- 11 INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD
- 12 INSTALL RIGID, GALVANIZED STEEL RISER WITH FIBER OPTIC CABLE SEAL
- 13 INSTALL OUTER-DUCT POLYETHYLENE CONDUIT
- 14 INSTALL POLYETHYLENE CONDUIT
- 15 DIRECTIONAL DRILL CONDUIT
- 16 BORE AND JACK CONDUIT
- 17 INSTALL CABLE(S) IN EXISTING CONDUIT
- 18 INSTALL CABLE(S) IN NEW CONDUIT
- 19 INSTALL CABLE(S) IN EXISTING RISER
- 20 INSTALL CABLE(S) IN NEW RISER
- 21 INSTALL CABLE(S) IN EXISTING CONDUIT STUB-OUTS
- 22 INSTALL NEW CONDUIT INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)
- 23 INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)
- 24 INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET
- 25 INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET
- 26 TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET
- 27 INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET
- 28 INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS AND FUSION SPLICE CABLE IN CABINET
- 29 INSTALL UNDERGROUND SPLICE ENCLOSURE
- 30 INSTALL AERIAL SPLICE ENCLOSURE
- 31 INSTALL POLE MOUNTED SPLICE CABINET
- 32 INSTALL BASE MOUNTED SPLICE CABINET
- 33 REMOVE EXISTING SPLICE CABINET

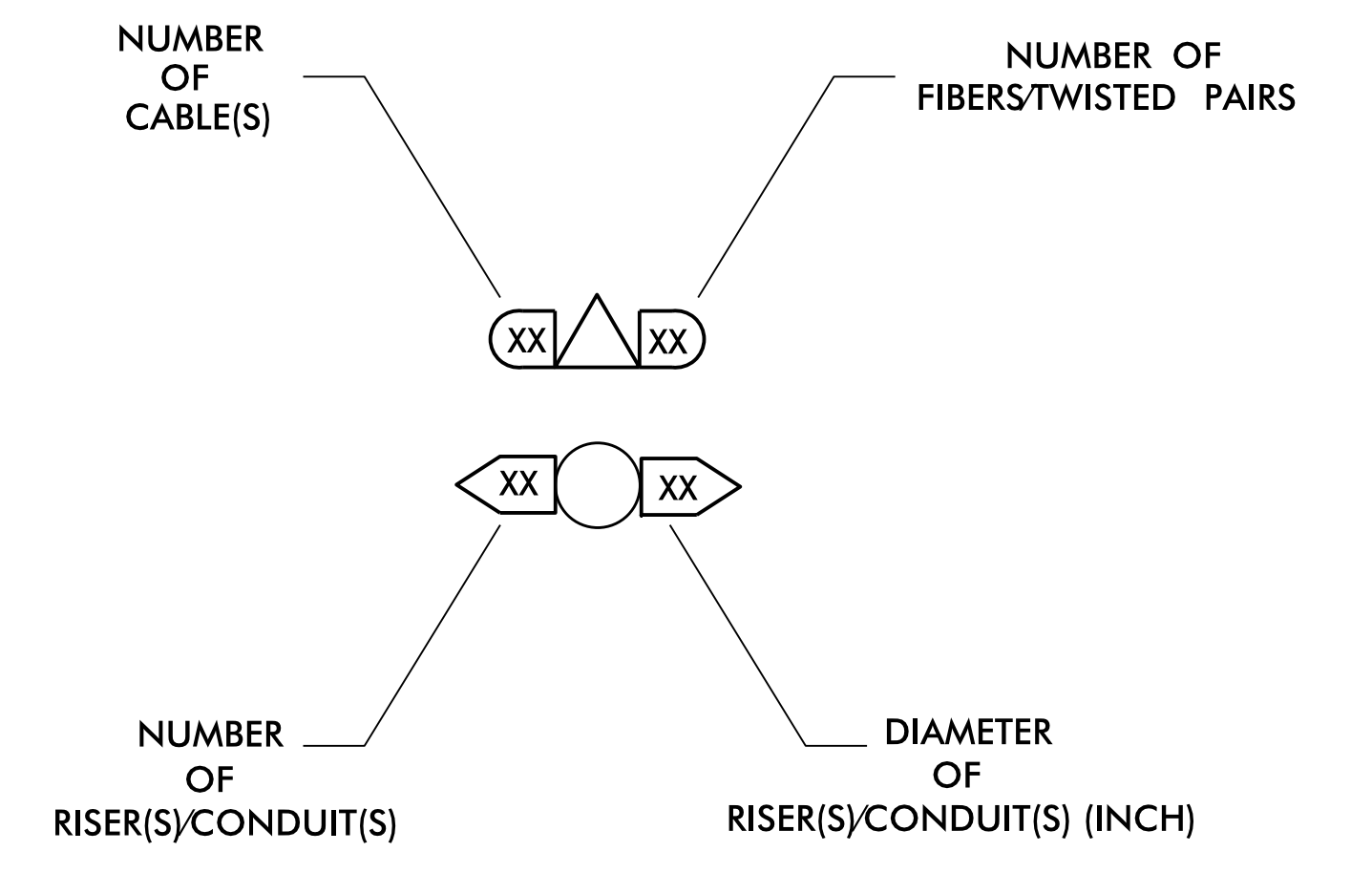
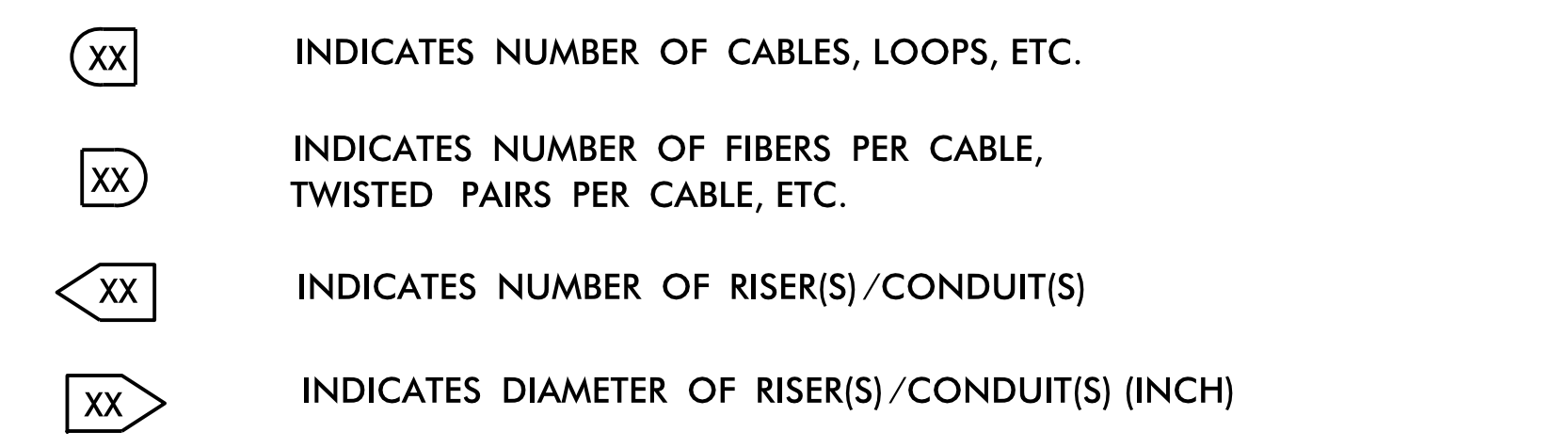
- 34 INSTALL CABINET FOUNDATION
- 35 REMOVE EXISTING CABINET FOUNDATION
- 36 INSTALL CCTV CAMERA ASSEMBLY
- 37 INSTALL CCTV CAMERA WOOD POLE
- 38 INSTALL CCTV CAMERA METAL POLE AND FOUNDATION
- 39 INSTALL JUNCTION BOX
- 40 INSTALL OVERSIZED JUNCTION BOX
- 41 REMOVE EXISTING JUNCTION BOX
- 42 INSTALL WOOD POLE
- 43 REMOVE EXISTING WOOD POLE
- 44 INSTALL AERIAL GUY ASSEMBLY
- 45 INSTALL STANDARD GUY ASSEMBLY
- 46 INSTALL SIDEWALK GUY ASSEMBLY
- 47 INSTALL MESSENGER CABLE
- 48 REMOVE EXISTING COMMUNICATIONS AND MESSENGER CABLE
- 49 REMOVE EXISTING MESSENGER CABLE
- 50 INSTALL TELEPHONE SERVICE
- 51 INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE
- 52 INSTALL DELINEATOR MARKER
- 53 STORE 20 FEET OF COMMUNICATIONS CABLE
- 54 LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE
- 55 LASH CABLE(S) TO EXISTING MESSENGER CABLE
- 56 LASH CABLE(S) TO NEW MESSENGER CABLE
- 57 MODIFY EXISTING ELECTRICAL SERVICE
- 58 INSTALL NEW ELECTRICAL SERVICE



LEGEND



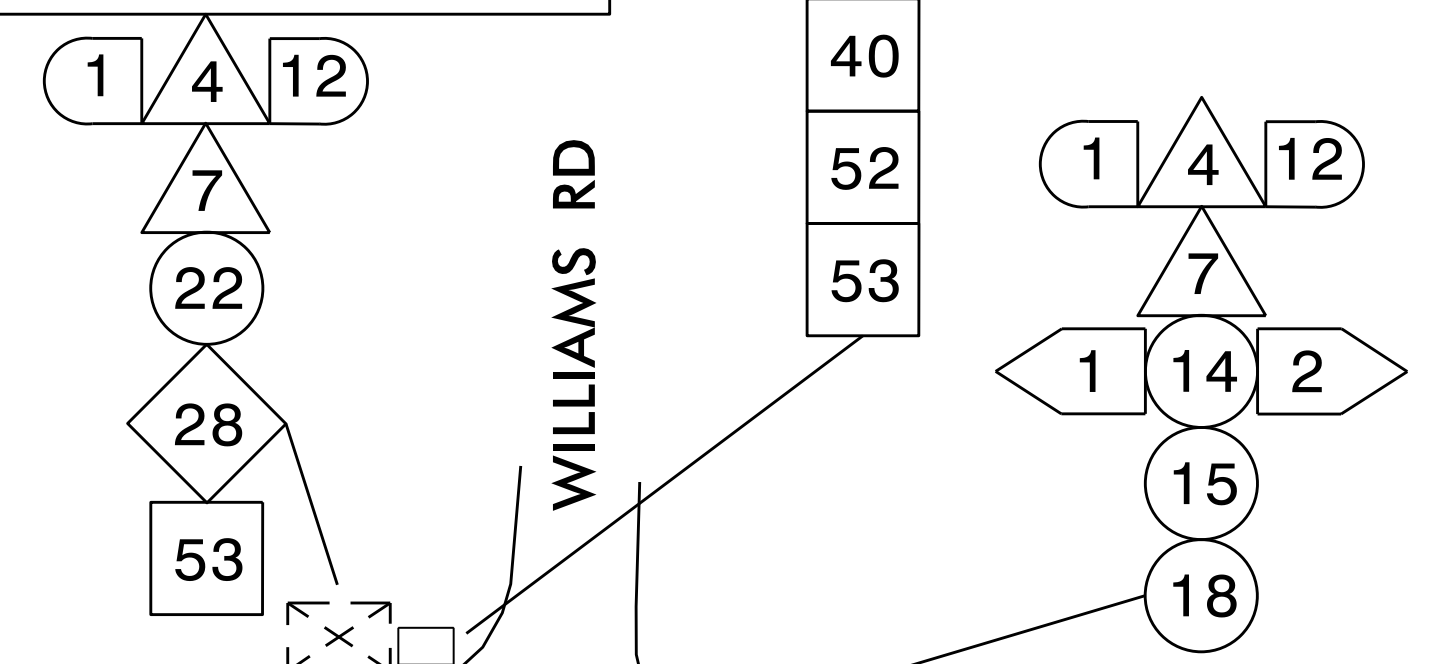
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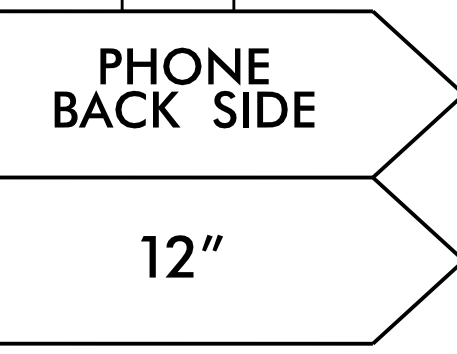
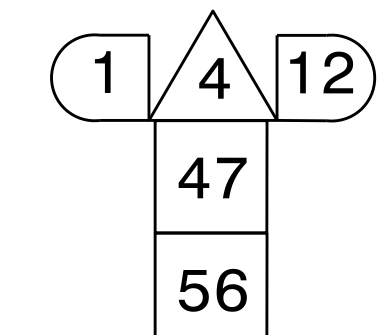
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	CONSTRUCTION NOTES		SEAL
	DIVISION 02	PITT CO.	GREENVILLE
750 N. Greenfield Pkwy., Garner, NC 27529	PLAN DATE: JANUARY 2017	REVIEWED BY:	
	PREPARED BY: I. N. AVERY	DATE:	
	REVISIONS	INIT.	DATE
			DocuSigned by: Gregory A. Fuller 1/13/2017 DATE

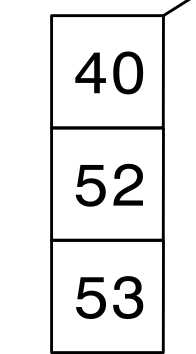
BOND TRACER WIRE TO EQUIPMENT GROUND BUS



WILLIAMS RD



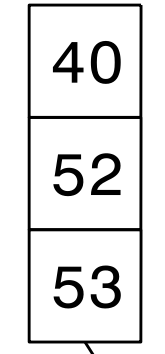
02-0910



BOND RISER AND MESSENGER CABLE TO POLE GROUND

US 264 ALT. (GREENVILLE BLVD)

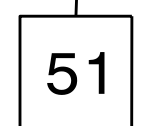
HOLIDAY CT.



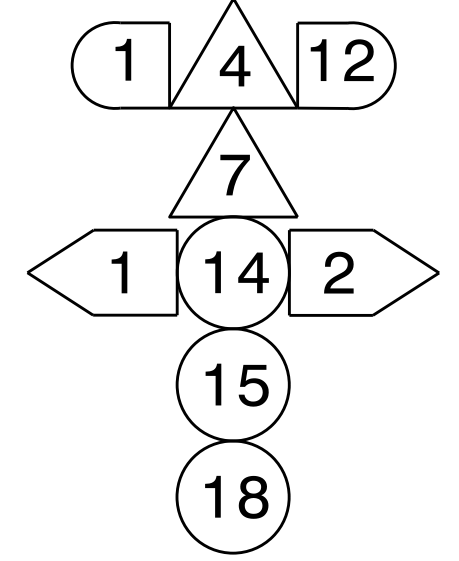
RIGGS LN.

MS. PAUL LN.

MATCHLINE "A"



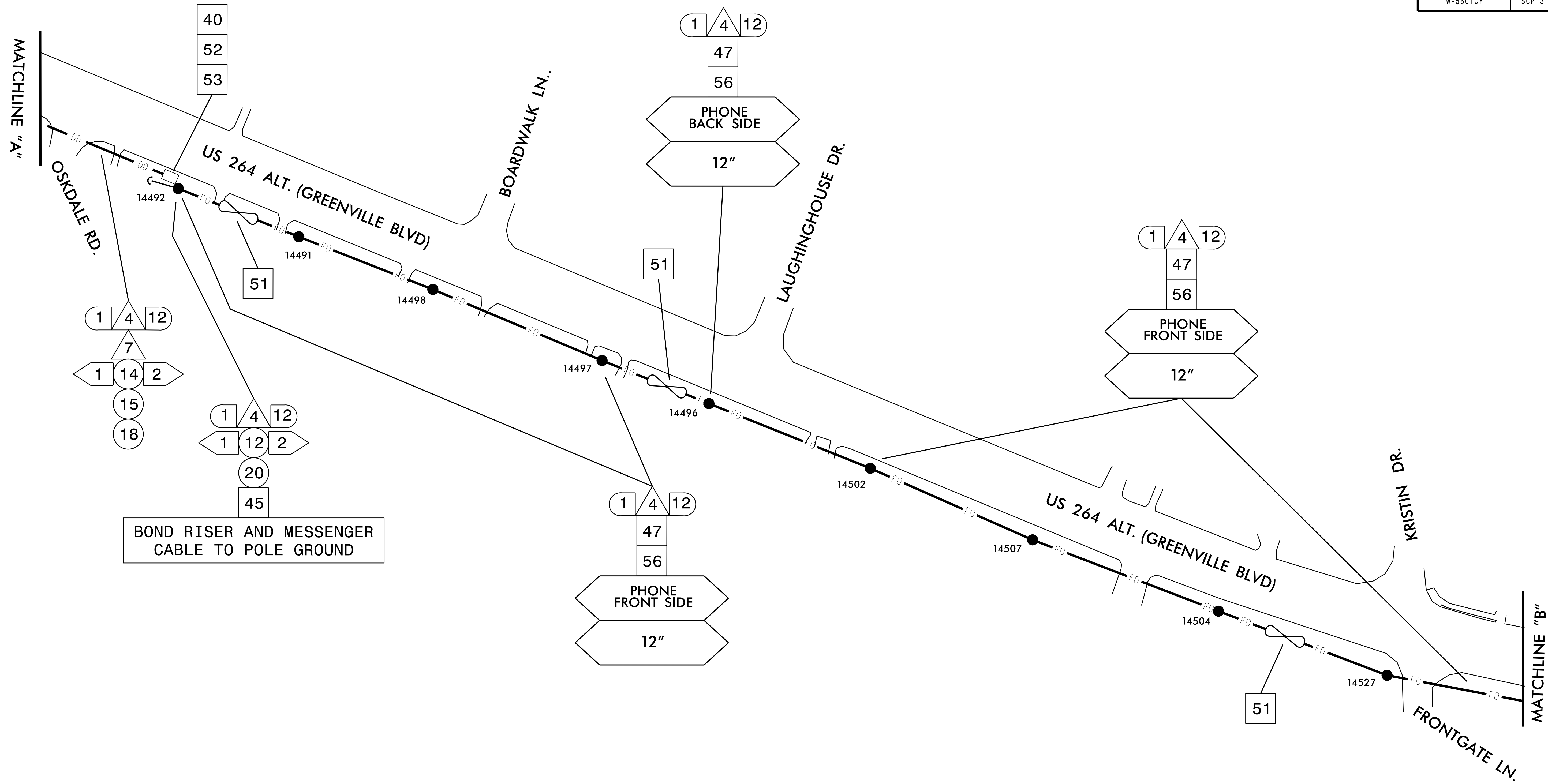
BOND RISER AND MESSENGER CABLE TO POLE GROUND



1) NOTIFY THE CITY OF GREENVILLE ASSISTANT TRAFFIC ENGINEER; STACEY PIGFORD, AT (252) 329-4678 FIVE (5) DAYS PRIOR TO BEGINNING WORK ON SIGNAL SYSTEM COMMUNICATIONS CABLE. NOTIFY THE TRAFFIC ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. ALL WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM IS BACK UP AND OPERATIONAL.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	COMMUNICATIONS CABLE AND CONDUIT ROUTING PLANS		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 023919 GREGORY A. FULLER
	DIVISION 02 PITT CO. GREENVILLE		
750 N. Greenfield Pkwy., Garner, NC 27529	PLAN DATE: JANUARY 2017	REVIEWED BY:	DATE:
SCALE 1" = 60'	PREPARED BY: I. N. AVERY	REVIEWED BY:	DATE:
REVISIONS	INIT.	DATE	DATE:
CADD Filename:	Gregory A. Fuller	1/13/2017	DATE:

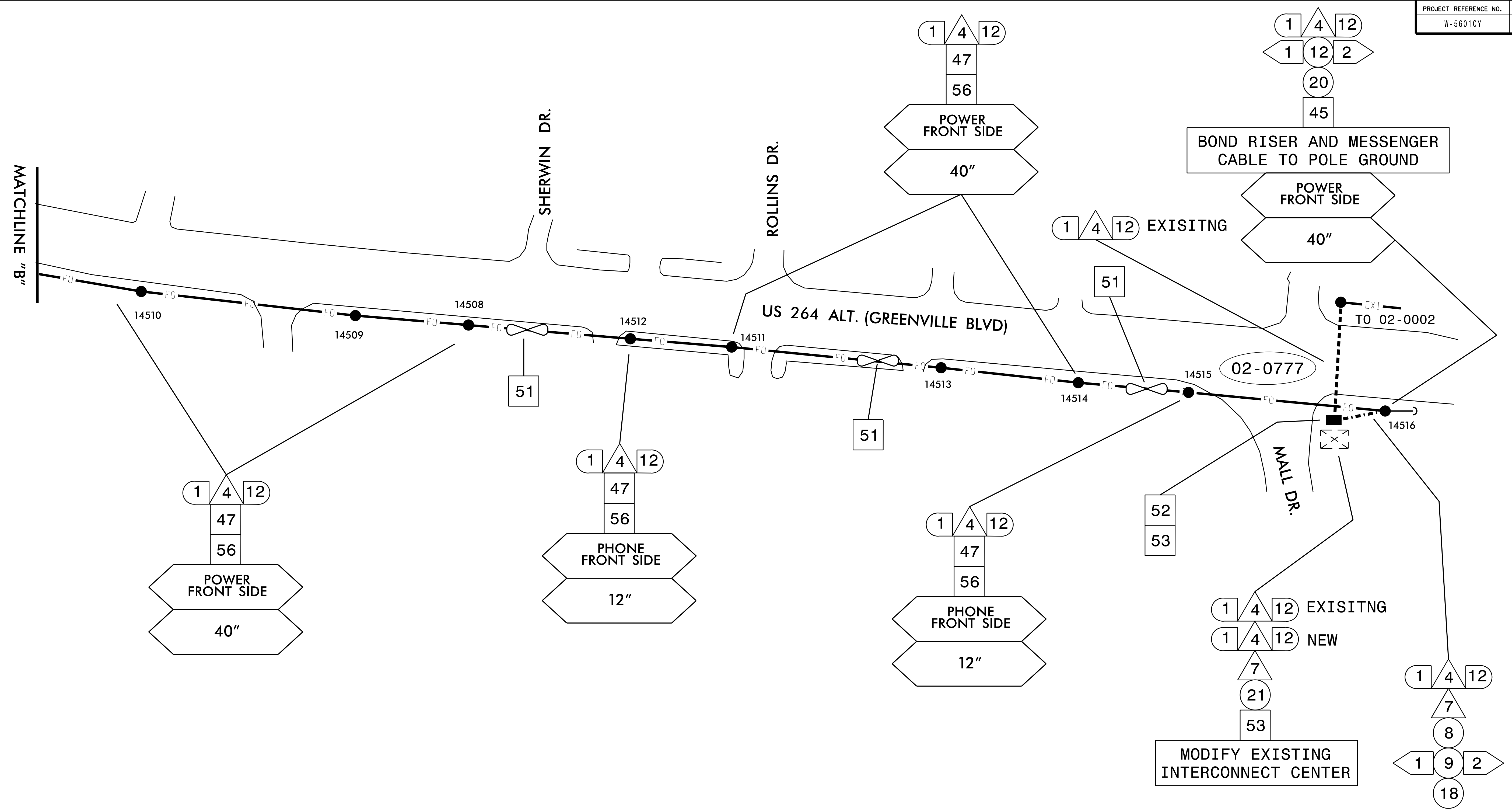


BOND RISER AND MESSENGER
CABLE TO POLE GROUND

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

1) NOTIFY THE CITY OF GREENVILLE ASSISTANT TRAFFIC ENGINEER; STACEY PIGFORD, AT (252) 329-4678 FIVE (5) DAYS PRIOR TO BEGINNING WORK ON SIGNAL SYSTEM COMMUNICATIONS CABLE. NOTIFY THE TRAFFIC ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. ALL WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM IS BACK UP AND OPERATIONAL.

	COMMUNICATIONS CABLE AND CONDUIT ROUTING PLANS		SEAL
	DIVISION 02 PITT CO. GREENVILLE		
750 N. Greenfield Pkwy., Garner, NC 27529	PLAN DATE: JANUARY 2017	REVIEWED BY:	DATE:
SCALE: 1" = 60'	PREPARED BY: I. N. AVERY	REVIEWED BY:	DATE:
REVISIONS:	INIT.:	DATE:	DATE:
CADD Filename:			DATE:

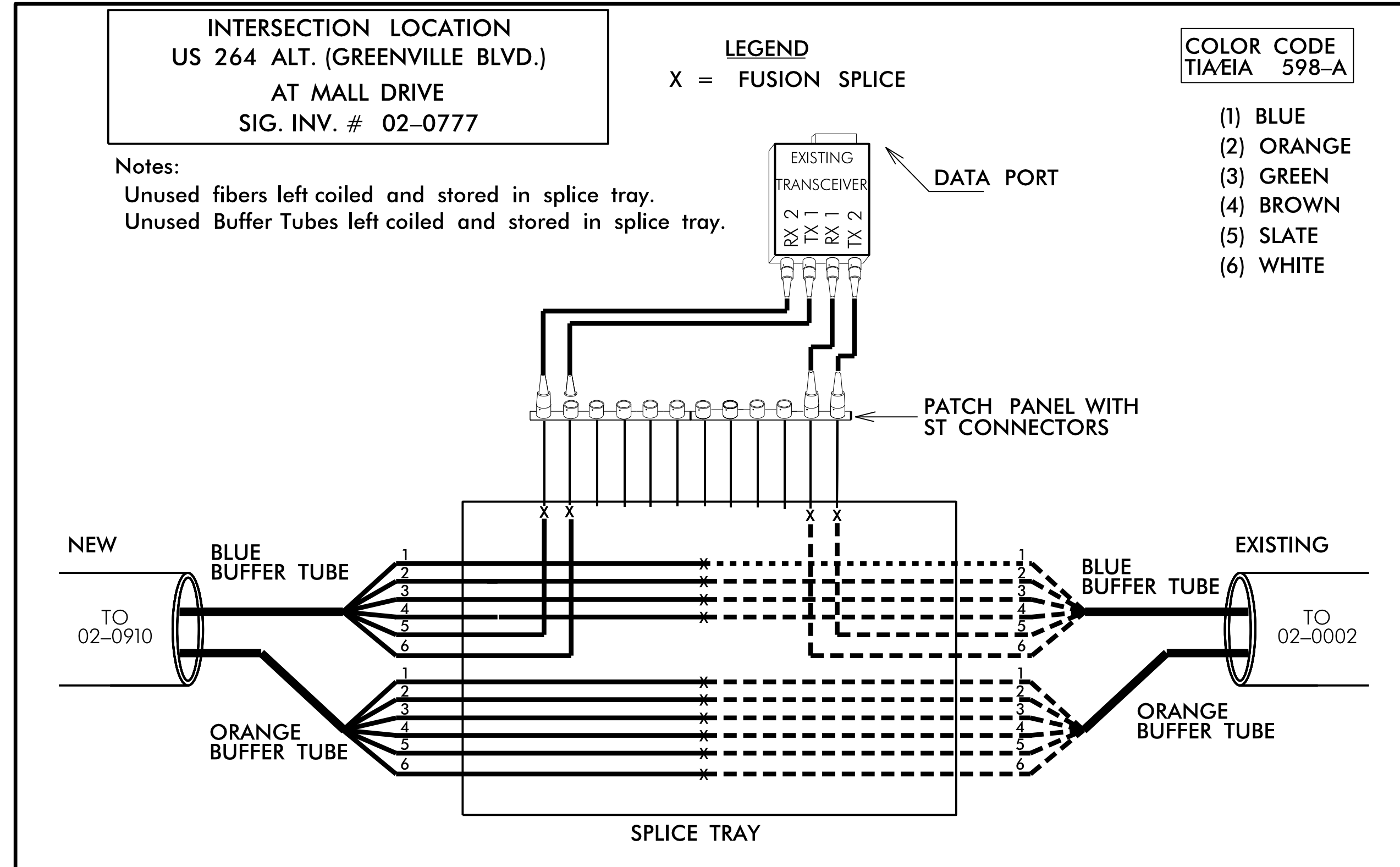
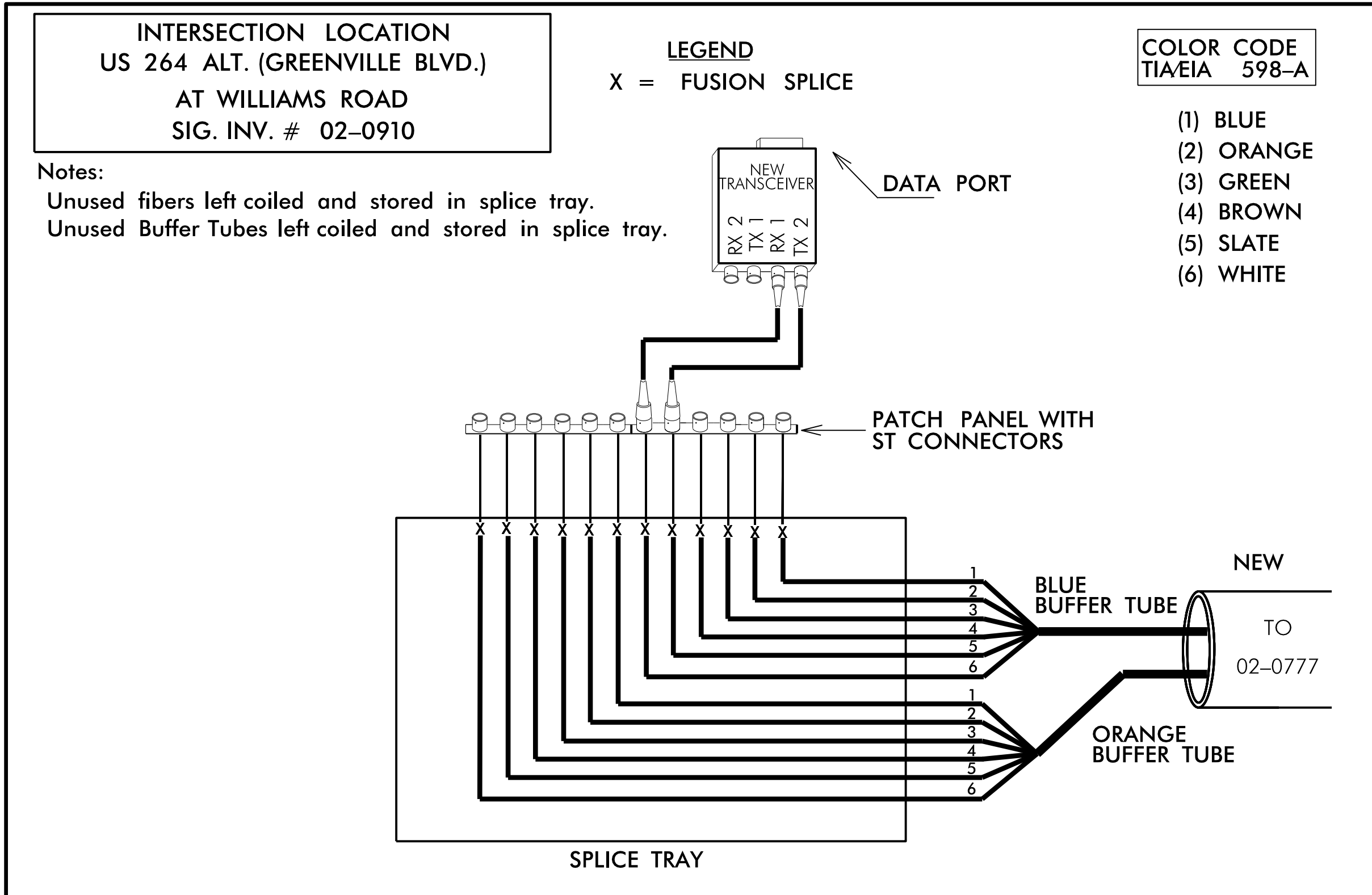


1) NOTIFY THE CITY OF GREENVILLE ASSISTANT TRAFFIC ENGINEER; STACEY PIGFORD, AT (252) 329-4678 FIVE (5) DAYS PRIOR TO BEGINNING WORK ON SIGNAL SYSTEM COMMUNICATIONS CABLE. NOTIFY THE TRAFFIC ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. ALL WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM IS BACK UP AND OPERATIONAL.

2) CONTRACTOR TO RECORD EXISTING SPLICE ARRANGEMENT FOR COMPARISON TO THE SUPPLIED SPLICE DETAILS. IF DISCREPANCIES EXIST, CONTACT THE ENGINEER TO DETERMINE HOW TO PROCEED WITH RESPLICING. PROVIDE AS-BUILT PLANS TO THE ENGINEER IF FINAL SPLICE ARRANGEMENT DIFFERS FROM THE SUPPLIED SPLICE DETAILS.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	COMMUNICATIONS CABLE AND CONDUIT ROUTING PLAN		
	DIVISION 02 PITT CO. GREENVILLE		
PLAN DATE: JANUARY 2016 REVIEWED BY:		REVIEWED BY:	
PREPARED BY: I. N. AVERY		REVIEWED BY:	
REVISIONS		INIT. DATE	
SCALE: 1" = 60'		DocuSigned by: Gregory A. Fuller 1/13/2017	
Prepared in the Offices of:		CADD Filename:	



- 1) NOTIFY THE CITY OF GREENVILLE ASSISTANT TRAFFIC ENGINEER; STACEY PIGFORD, AT (252) 329-4678 FIVE (5) DAYS PRIOR TO BEGINNING WORK ON SIGNAL SYSTEM COMMUNICATIONS CABLE. NOTIFY THE TRAFFIC ENGINEER AFTER ALL WORK IS PERFORMED TO ENSURE THAT ALL FIBER CIRCUITS ARE FUNCTIONING PROPERLY. ALL WORK IS NOT COMPLETE UNTIL THE SIGNAL SYSTEM IS BACK UP AND OPERATIONAL.
 - 2) CONTRACTOR TO RECORD EXISTING SPLICE ARRANGEMENT FOR COMPARISON TO THE SUPPLIED SPLICE DETAILS. IF DISCREPANCIES EXIST, CONTACT THE ENGINEER TO DETERMINE HOW TO PROCEED WITH RESPLICING. PROVIDE AS-BUILT PLANS TO THE ENGINEER IF FINAL SPLICE ARRANGEMENT DIFFERS FROM THE SUPPLIED SPLICE DETAILS.
 - 3) TRANSCEIVER TERMINATION CONFIGURATIONS ARE GENERIC. CONTRACTOR IS RESPONSIBLE FOR DETERMINING \ ENSURING PROPER TERMINATIONS.
 - 4) INCLUDE ON THE COVER OF EACH SPLICE TRAY THE FOLLOWING:
REFERENCE SECTION 1731 "FIBER OPTIC SPLICE ENCLOSURE"
- 1) SPLICE LOCATION
 - 2) DATE
 - 3) COMPANY NAME
 - 4) NAME OF INDIVIDUAL PERFORMING THE SPLICING

PRIOR TO INSTALLING THE COVER ON THE SPLICE TRAY TAKE A DIGITAL PHOTOGRAPH SHOWING THE SPLICE TRAY AND INFORMATION SHOWN ABOVE (1-4) AND SUBMIT PHOTOGRAPH ALONG WITH OTRD TEST RESULTS.

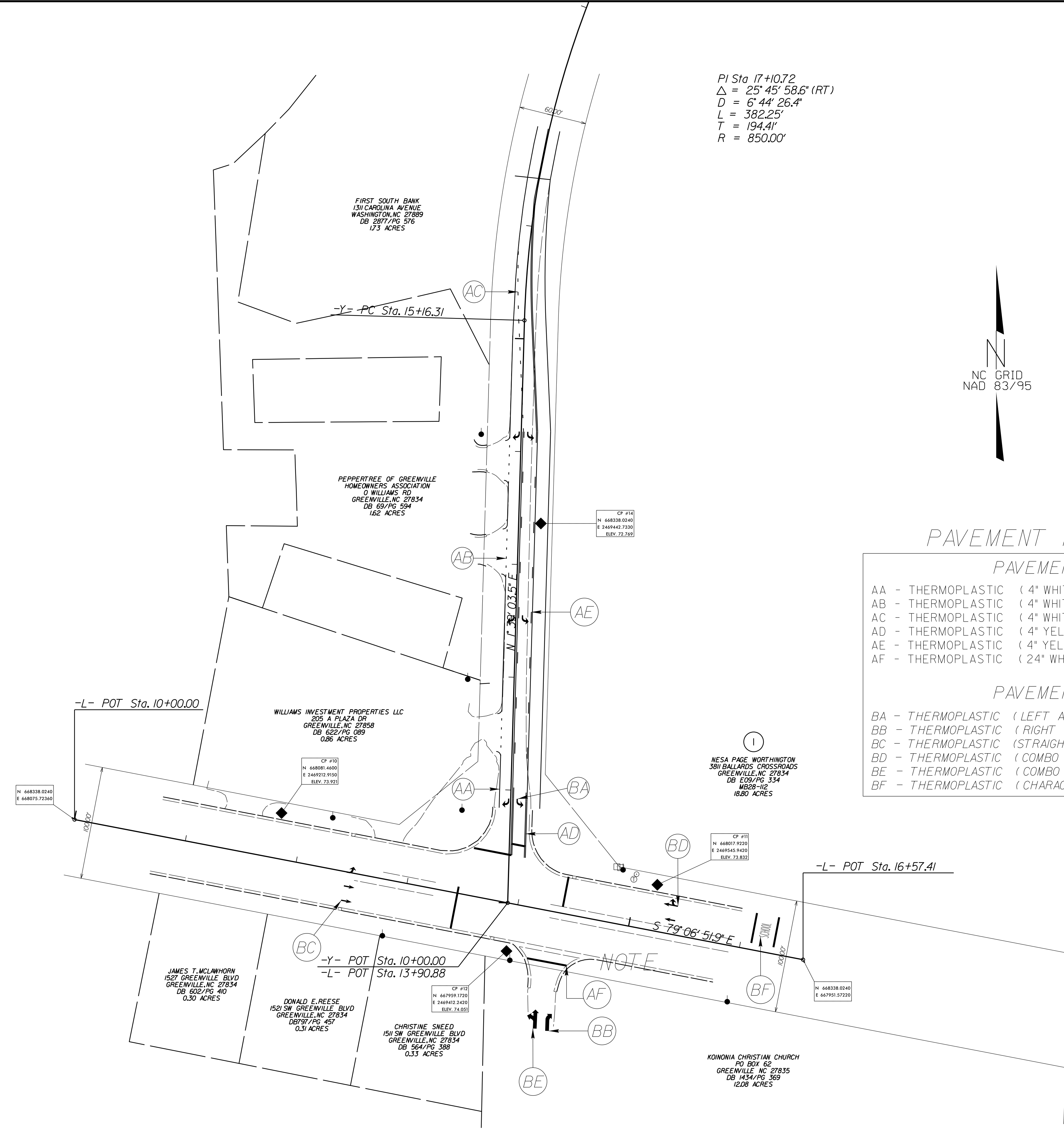
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

<p>750 N. Greenfield Pkwy., Garner, NC 27529</p>	SPLICE PLANS		
	DIVISION 02 PITT CO. GREENVILLE		
PLAN DATE: JANUARY 2017 PREPARED BY: I. N. AVERY	REVIEWED BY: _____ DATE: _____		DocuSigned by: Gregory A. Fuller 1/13/2017
SCALE: 0	REVISIONS: _____ INIT.: _____ DATE: _____	CADD Filename: _____	DATE: _____

8/17/99

REVISIONS

21-FEB-2007 09:50
 S:\\$PROJECTS\W-560ICY\GRNVLBLVD\MS\W560ICY.pml.dgn



PI Sta 17+10.72
 $\Delta = 25^\circ 45' 58.6''$ (RT)
 $D = 6' 44'' 26.4''$
 $L = 382.25'$
 $T = 194.41'$
 $R = 850.00'$



PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING LINES	
AA - THERMOPLASTIC (4" WHITE, 90 MILS)	EDGE LINE
AB - THERMOPLASTIC (4" WHITE, 90 MILS)	6' MINI SKIP
AC - THERMOPLASTIC (4" WHITE, 120 MILS)	9' MINI SKIP
AD - THERMOPLASTIC (4" YELLOW, 120 MILS)	SOLID DOUBLE YELLOW
AE - THERMOPLASTIC (4" YELLOW, 120 MILS)	SOLID YELLOW SKIP
AF - THERMOPLASTIC (24" WHITE, 120 MILS)	STOP BAR

PAVEMENT MARKING SYMBOLS	
BA - THERMOPLASTIC (LEFT ARROW, 90 MILS)	
BB - THERMOPLASTIC (RIGHT ARROW, 90 MILS)	
BC - THERMOPLASTIC (STRAIGHT ARROW, 90 MILS)	
BD - THERMOPLASTIC (COMBO STRAIGHT RIGHT ARROW, 90 MILS)	
BE - THERMOPLASTIC (COMBO STRAIGHT LEFT ARROW, 90 MILS)	
BF - THERMOPLASTIC (CHARACTER, 120 MILS)	

NOTE

N 668338.0240
 E 668079.72360

CP #10
 N 668081.4600
 E 2469212.9150
 ELEV. 73.921

CP #14
 N 668338.0240
 E 2469442.7230
 ELEV. 72.760

1
 NESA PAGE WORTHINGTON
 3811 BALLARDS CROSSROADS
 GREENVILLE, NC 27834
 DB E09/PG 334
 MB28-112
 18.80 ACRES

CP #11
 N 668017.9220
 E 2469545.9420
 ELEV. 73.835

CP #12
 N 667950.1720
 E 2469412.2420
 ELEV. 74.001

N 668338.0240
 E 667951.57201

KONONIA CHRISTIAN CHURCH
 PO BOX 62
 GREENVILLE, NC 27835
 DB 1434/PG 369
 12.08 ACRES

JAMES T. MCLAWHORN
 1527 GREENVILLE BLVD
 GREENVILLE, NC 27834
 DB 602/PG 410
 0.30 ACRES

DONALD E. REESE
 1521 SW GREENVILLE BLVD
 GREENVILLE, NC 27834
 DB197/PG 457
 0.31 ACRES

CHRISTINE SNEED
 1511 SW GREENVILLE BLVD
 GREENVILLE, NC 27834
 DB 564/PG 388
 0.33 ACRES

WILLIAMS INVESTMENT PROPERTIES LLC
 205 A PLAZA DR
 GREENVILLE, NC 27858
 DB 622/PG 089
 0.86 ACRES

PEPPERTREE OF GREENVILLE
 HOMEOWNERS ASSOCIATION
 0 WILLIAMS RD
 GREENVILLE, NC 27834
 DB 69/PG 594
 162 ACRES

FIRST SOUTH BANK
 1311 CAROLINA AVENUE
 WASHINGTON, NC 27889
 DB 2877/PG 576
 173 ACRES

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

CROSS-SECTION SUMMARY

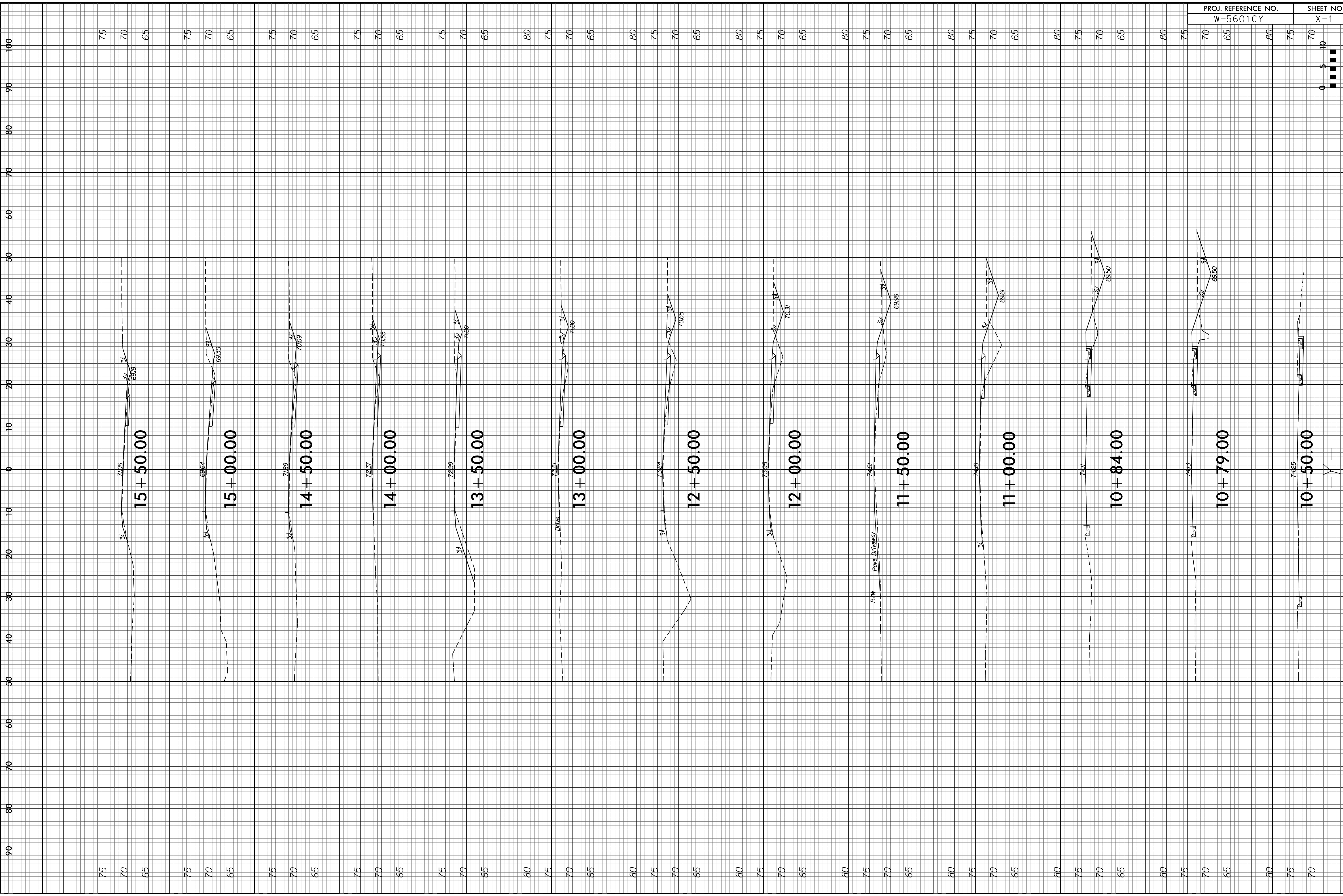
IN CUBIC YARDS

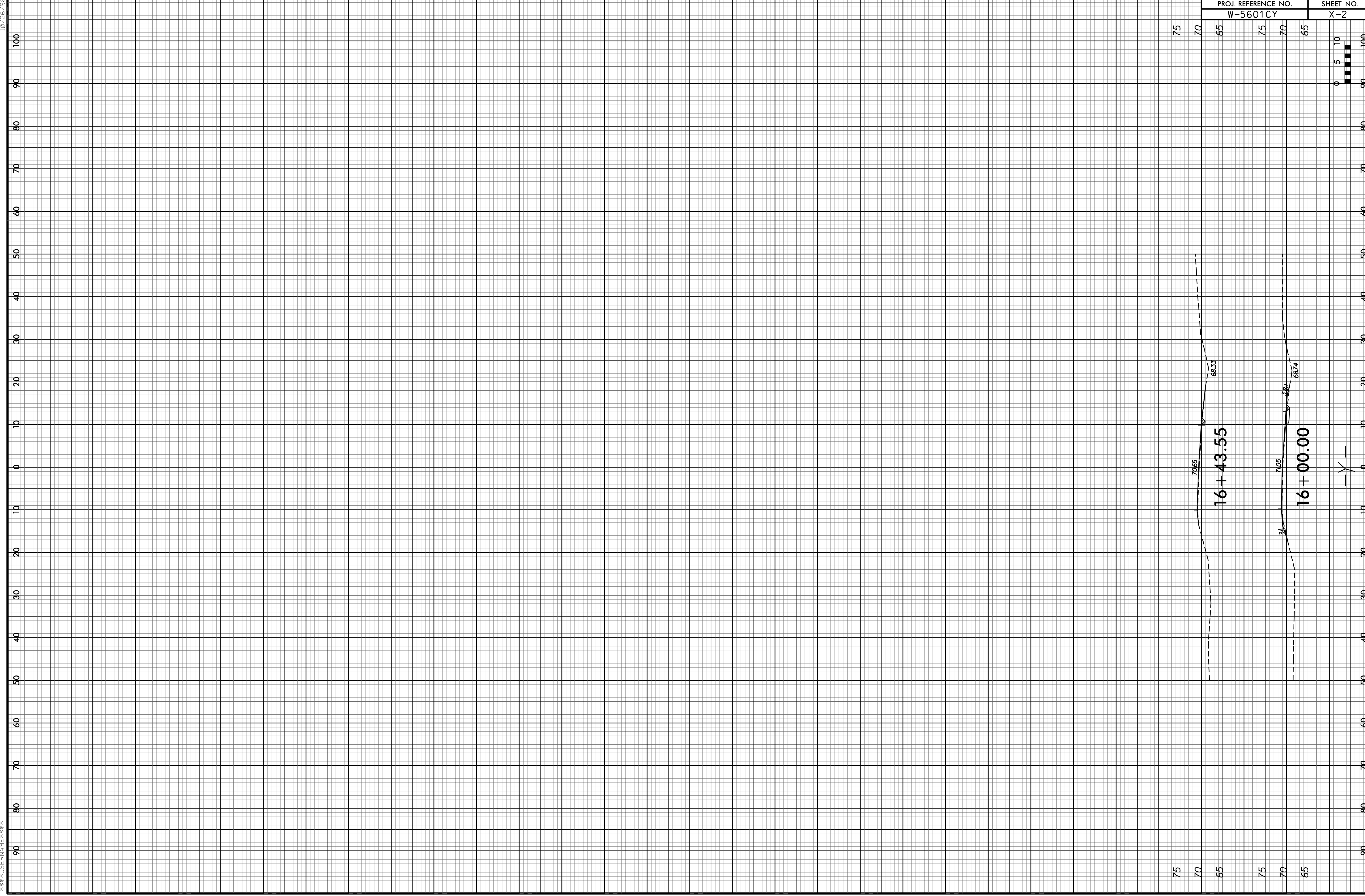
LOCATION (-Y-)	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBANKMENT
10+50.00	0		0
10+79.00	30		11
10+84.00	7		4
11+00.00	18		17
11+50.00	38		51
12+00.00	35		30
12+50.00	34		24
13+00.00	28		13
13+50.00	38		20
14+00.00	46		17
14+50.00	40		2
15+00.00	31		4
15+50.00	15		6
16+00.00	6		6
16+43.55	3		3

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT.

NOTE:

APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING, CLEARING AND GRUBBING AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING."





PROJ. REFERENCE NO.		SHEET NO.
W-5601CY		X-2

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