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Sheet List Table

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## **ROADWAY IMPROVEMENTS PLAN**

TAYLOR ROAD (NC 1529) LOCATION:

FROM OLD 15/501 TO CATULLO RUN

DISCREPANCIES BEVERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY AND OWNER MIST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

2016-07-

MENT CONTROL PLAN - TAYLOR ROAD

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SITE DETAILS

SION AND SEDIMENT CONTROL PLAN - CATULLO

ES AND DETAILS

2016-07-2016-07-2018-07

GRADING PLAN - TAYLOR ROAD GRADING PLAN - CATULLO RUN CROSS SECTIONS - TAYLOR ROAD

DEMOLITION PLAN - TAYLOR ROAD DEMOLITION PLAN - CATULLO RUN

GENERAL NOTES OVERALL SITE PLAN

SITE PLAN - TAYLOR ROAD

SITE PLAN - CATTULO R

CROSS SECTIONS - TAYLOR ROAD CROSS SECTIONS - CATULLO RUN

CROSS SECTIONS - CATULLO RUN

CATULLO RUN

FROM TAYLOR ROAD (NC 1529) TO BRIAR CHAPEL PARKWAY CHATHAM COUNTY, NC CATULLO RUN 2016-07-27

**PREPARED FOR:** 

## **NPP - BRIAR CHAPEL, LLC**

**16 WINDY KNOLL CIRCLE** CHAPEL HILL, NC 27516 (919) 951-0700



LOCATION MAP 1" = 2000'

PREPARED BY:

Contractor must establish an acceptable pavement width and obtain approval from NCDOT.



el Hill, NC 27514 9.929.1173 9.493.6548
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Chape T 919 F 919 6-ASSOCIATES PHILIP POST

A Division of **Pennoni** Fin License

401 Providence Road #200

NOT FOR CONSTRUCTION

CHAPEL HILL, NC 27516 16 WINDY KNOLL CIRCLE CHAPEL JLC	BA	SNOISIAEH	ON	3TAQ	A AGROCIATES BEACT OF THE RENCT OF THE RE	NPPB1501	2016-07-27	NTS	AUB	JUB	5	OF 18
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NPP - BRIAR CHAPEL, LLC

**GENERAL NOTES** 

CATULLO RUN CHATHAM COUNTY, NC

CATULLO RUN SIDEWALK

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INSTALL ADVANCED WARNING DRAWING 1101.01.

FOR INDEPENDENCE DAY, RETWEEN THE HOURS OF 5:00 AM. THE DAY BEFORE INDEPENDENCE DAY AND TO PAY, THE TAY AFTER INDEPENDENCE DAY. IN INDEPENDENCE DAY 36 OK A FRIDAY, SATURDAY, SIADAY OK MOLAY THE BETWEEN HE HOUSD'S OF 600 AM. THE HUMBAN BEFORE INDEPENDENCE DAY AND 5:00 P.M. THE TURK AFTER INDEPENDENCE DAY.

STANR

COOLVING DAY, BETVIEEN THE HOURS OF 8:00 A.M.TUESDAY TO 8:00 P.M.

MONDAY.

FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 8:00 P.M. TUESDAY

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OF 6:00 A.M. DECEMBER 3141 TO 8:00 P.M. FREDAY, SATURDAY, SUNDAY, OR MCNDAY

FOR NEW YEARS, BETWEEN THE HOURS JANUARY 2nd, IF NEW YEARS DAY IS ON A THEN UNTIL 8:00 P.M. THE FOLLOWING TUE

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BOLDAY I. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES VOLUMES, AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL PHASING NOTES

6:00 A.M. FRIDAY TO 8:00 P.M.

HOURS OF

W. FOR MEMORIAL DAY, BETWEEN THE TUESDAY. II. FOR EASTER, BETWEEN THE HOU

ACHOM M. P. 000 B.M. MONDA

BASE COURSE: 5" ASPHALT CONCRETE, TYPE 25.08, AT AN AVERAGE RATE PER SQ, YD, TO BE APPLIED IN TWO LIFTS

NTERMEDIATE COURSE: 4" ASPHALT CONCRETE, TYPE 546 LBS. PER SQ. YD.

SECTION IS GREATER, MATCH

' SEWER, CLEAN-OUT ' SEWER, FORCE MAIL UTARY SEWER, LATERAL UTARY SEWER, MANUHOLE UTARY SEWER, UNDERGR

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1.3 DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF OPEN TRAVELIVAN UNLESS THE HAULING OPERATION IS PROTECTED BY GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

LANE AND SHOULDER CLOSURS

CONTRACTOR MIST APPLY FOR ALL UTLITY CONNECTION APPLICAT CONTRACTOR IS RESPONSIBLE FOR ALL UTLITY CONNECTION REES CONSTRUCTION, REFER TO COVER SHEET FOR MALABLE UTLITY COMPANY LIST

THE CONTRACTOR SHALL COORDINATE LOCATION AND INSTALLATION OF J UNDERSEAVIOUD UTLITES AND AVAPTERAWISES TO MIRANZE DISTURBANCE CURRENC, PAYING, AND CORPACTED SUB-DRADE. contractor must obtain any required utility details for recome Existing services on new service and is responsible for the cons of each new service per the appropriate utility companys specific,

2.1. FENOVE LAVE CLOBURE DEVICES FROM THE LAVE WARN WORK IS NOT BEIND REPERDANDE DEVICES FROM THE LAVE CLOBER IS NO LONGRY REEDED ON AS DIRECTED TH'RE REVIEWER. 2.3. WEARL FROM STATUMENT AND REVIEWER AND REVEAL AND CLOBER IS NO LONGRY TRAVEL, LAVE, CLOBE THE REVIEWER OF THE SHOULDER USING BADJUMY STAMADO DAWNING YO TOTAL AULES THE WORK AFEA IS FROTECTED BY ANDRED DAWNING YO THAN LEVEL DAWNING YO THAT ALLORE THE REVIEWER OF BAD STATUPES UP AND REVEAL OF BADJUMY STAMADO DAWNING YO THAT ALLER THE WORK AFEA IS FROTECTED BY ANDRED DAWNING YO THAT ALLED.

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2012 ROADWAY ENGLISH STANDARD DRAWI

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27. 12. CONTRACTOR SHALL EXCAVATE ONLY ENOUGH TRENCH FOR WHICH FIPE CAN BE INSTALLED AND TRENCH BACKFILLED BY THE END OF EACH WORK DAY.

Backfill, at a 6:1 slope up to the edge and elevation of existe Afeas adjacent to an opened travel lave that has an edge of Pavement drop-off as follows:

PAVEMENT EDGE DROP OFF REQ

3.1

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ALCHILL DROP-OFFS THAT EXCEED 2 INCHES LIMITS OF SAFWHOR OREATER.
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 ALLANT LIST HAM 56 MPH.
 ALLAND EXPENSE TO THE DEPARTMENT.

DO NOT EXCEED A DIFFERENCE OF 2 INCHE TRAFFIC FOR NAMMAL LITETS LANES\* SIGARS (WA-11) 250 FT IN ADVANC THROUGHOUT THE UNEVEN APE.

3.2

TRAFFIC PATTERN ALTERA

NOTIFY THE ENGINEER PATTERN ALTERATION.

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	GEMERAL NOTES: RESPONSIBLE OFFICER.	2
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ni	THE PURPOSE OF THIS PLAN IS TO DEPICT THE CONSTRUCTION OF A SIDEWALK ALONG CALVILLO RAM AND TAYLOR ROAD WITH SUPPORTING STORAMMATER RUNGFF SOUTHERS.	EXX
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*	DEVATION FROM THERE PLANS AND NOTES WITHOUT THE PRIOR CONSENT OF THE OWNER ON HER PREPRESENTATIVE OR THE EVANHEER MAY BE CAUSE OF THE WORK TO BE UNANCEPTABLE.	
10	UTLITY COORDINATION SHALL BE ROUTED IN THE REDICT SUBJECT AND IT IS THE DEPENDENT REPORTS THE RECEIVED FOR SHALL AND IT IS THE ROUTED AND IT IS THE PAD ADDITIONALLY THAT THE COORDINATION. THE CONTRACTOR MILLIONT BE PAD ADDITIONALLY THAT THIS COORDINATION. THE CONTRACTOR SHALL NOT BE PAD ADDITIONALLY THAT THIS COORDINATION. THE CONTRACTOR SHALL BARE PAD ADDITIONALLY THAT THIS COORDINATION. THE CONTRACTOR SHALL BARE FACULITIES. IF CONFLICTS BE FOLLING. THE CONTRACTOR SHALL BAREDATE NOTEP FACULITIES. IF CONFLICTS BE FOLLING. THE FORMEDATE NOTEP THAT AND REPORT TO RESIDE TO RESTRUCTION BEFORE PROCEEDING WITH WORK.	
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10	CONTRACTOR BYALL FURNISH AND MAINTAIN ALL NEGESSARY BARRICADES AROUND THE WORK AREA.	
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13. THE CONTRACTOR SHALL PROVIDE ANY AND ALL TEXCAVATION AND MATERIAL SOUR INCLOSENTY TO CONCUT REDUCT RECOVER SHALL TESTS. ALL REGARGEMENTS SCHEDULAR OF THE TESTNO SHALL BE THE CONTRACTORS REPOVABLITS.

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401 Providence Road #200 Chapel Hill, NC 27514 T 919.929.1173 F 919.493.6548

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RAL ROADWAY NOTES: 2012 SPECIFICATIONS

GRADING AND SURFACEN

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LL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

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7.3. REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAY MARKERS BY THE END OF EACH DAY'S OPERATION.

4. THACE THE EXISTING AND PR PROPER COLOR PAVEMENT IN PLACE DRUMS TO DELINEATE AFTER REMOVAL AND BEFOR

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ARE AVAILABLE ON THIS PROJECT. THE CONTRA STIGATION AS TO THE SUBSURFACE CONDITIONS

NO SUBSURFACE PLANS JLD MAKE HIS OWN INVES

UTILITIES:

SUBSURFACE PLANS

RELOCATION OF EXISTING PRIVATE UTILITIES ARE NOT ANTICIPATED SIDINATE WITH ENGINEER OF RECORD IMMEDIATELY IF ANY UTILITY

ALVES, METERS

MISCELLANEOUS

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PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICE PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT C UNOPENED LANES ARE CLOSED TO TRAFFIC.

6.3

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DRIVEWAYS SHALL BE CONSTRUCTION IN ACCORDANCE WITH STD. NO. MALCZ I OR RACII AS SHOWN ON THE PLANS. LOCATIONS OF DRIVEWAYS WILL BE AS THE PLANS OR AS DRIFECTED BY THE ENGINEER.

THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO SUITABLE CONTRACTOR WILL ALL ROADS, STREETS, AND DRIVES BRITEININ ROLECT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ARTICULAR ITEMS INVOLVED.

**BIDE ROADS** 

PLACE TYPE III BAHRUCADES, WITH "ROAD CLOSS SUFFICIENT LENGTH TO CLOSE THE ENTRIE RO

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SINGLE HEAD DOUBLE HEAD

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POWER, UNDERGROUP POWER, UTILITY POLE

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B.1. LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAF AREA AND/OR INTERSECTIOMS AS DIRECTED BY THE E

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ALL PAVENENT MARKINGS SHALL FOLLOW THE JANUARY 2012 NODOT STAI AND SPECIFICATIONS. REFER TO NODOT AND MUTCO GUIDELINES FOR SIGNAGE

PAVEMENT MARKING AND

CONTRACTOR TO ADJU CONSTRUCTION LIMIT

PAVEMENT MILLING ALONG TAYLOR ROAD AND CATALLO RUN SHALL BE APPROXIMATELY 1.5" INTO EXISTING SURFACE COURSE.

AVEMENT SECTION NOTES

LE TO MEET FIELD NG OF DEVICES. DR REMOVAL OF

L. CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS I STANDARD DETALS, AND ROAD THE AND REVENT THANGLE CHAST ON ANY PACLUATE ON UNDERSEED OVERLAPPHO TO MAY PACLUE MONAL, SUPPLIARENTING, COVERING, OR AS DRECTED BY THE BIOURER

WITTHIN

SECTIONS

CONCRETE, TYPE \$9,58, A) TWO LIFTS AT 1.5" PER LIFT

SURFACE COURSE 7 ASPHALT PER SO, YD, TO BE APPLED IN FULL DEPTH PAVEMENT CONSTRUCTED AS FOLLOWS

DAY AND TIME RESTRICTIONS MICNEDAY - FRIEAY 6:00 AM TO 8:00 PM MICNEDAY - FRIEAY 6:00 AM TO 8:00 PM

ROAD NAME TAVLOR ROAD (NC 1528) CATULLO RUN

FOLLOWS:

ROAD NAME TAYLOR ROAD CATULLO RUN

10 1

HERTY, LINE

CURB RAMPS - BLOPE MUS

DRANAGE - MUST BE PRO DRANAGE AND MUST NOT DIRECTION.

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ed L eccono recurresterrar precirecto relativa ARE TO BE CONFIDENCE JA ANIMANS. Texh RELATENT DRY: STRALE BAYTH OXATITIVAS, ADDITIVALALY BEDDRID SAAL BA RECURRED TAY ROOK TERUPISE AND WET AREAL. CONTRACTOR BAAL ANYE THE RESERVEBBILTY TO PROVIDE SLOK ADDITIVAUL BEDDRID AS ANY BE RECURRED TO RESERVEBBILY TO RANGE SLOK ADDITIVAUL BEDDRID AS ANY BE RECURRED TO REDREPA CONSTRUCT THE ROOK.

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THE CONTRACTOR SHALL PROVIDE ANY AND ALL EXCAVA NECESSARY TO CONDUCT REQUIRED SOIL TESTS SCHEDULING FOR THE TESTING SHALL BE THE CONTRACT

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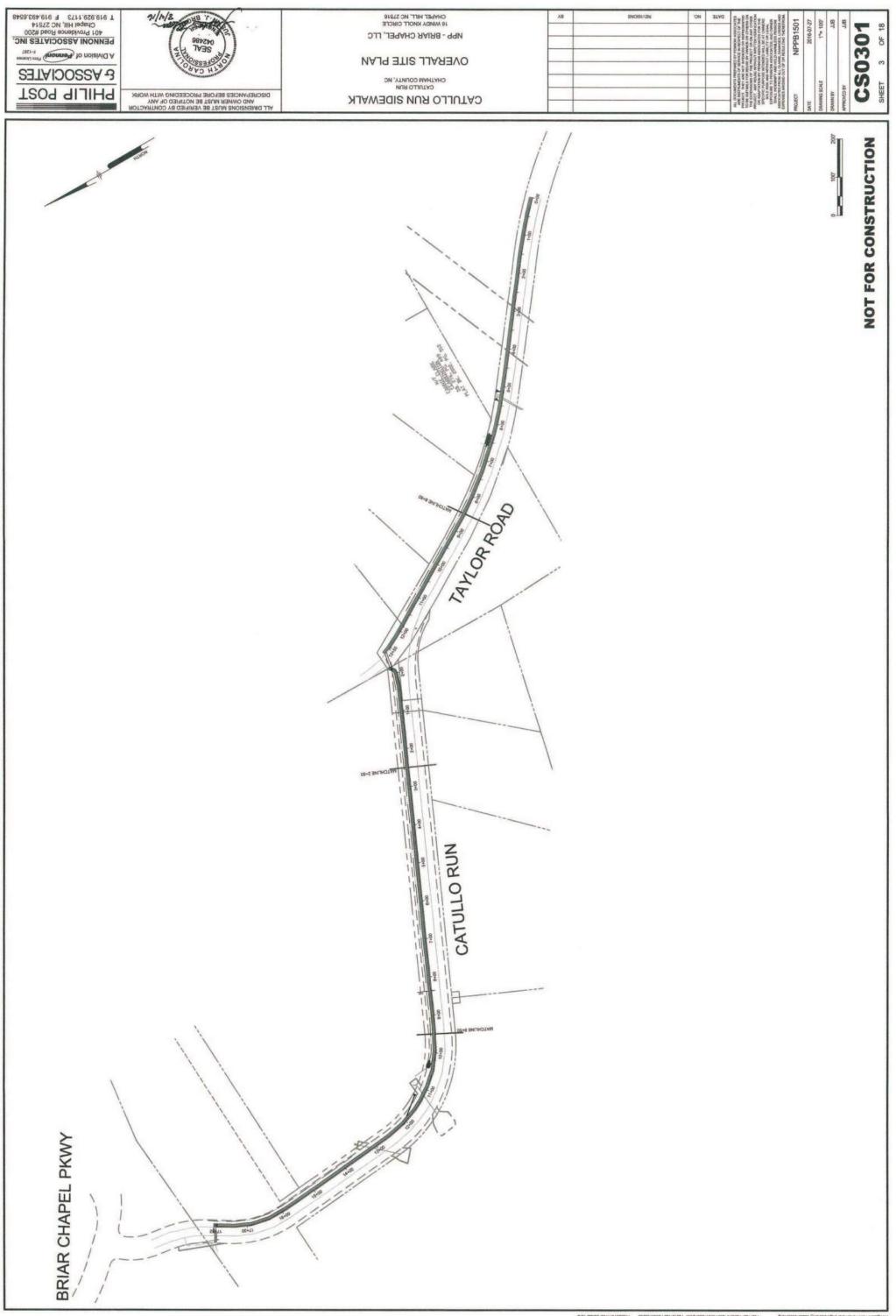
REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROAD DRAWINGS AND TRAFFIC CONTROL PLANS.
 S.2.2. PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR TRAFFIC CONTROL PLANS.

INSTALL ADVANCE WORK ZONE WARNING SIG EDGE OF TRAVEL LANE AND NO MORE THAN BEGINNING OF CONSTRUCTION.

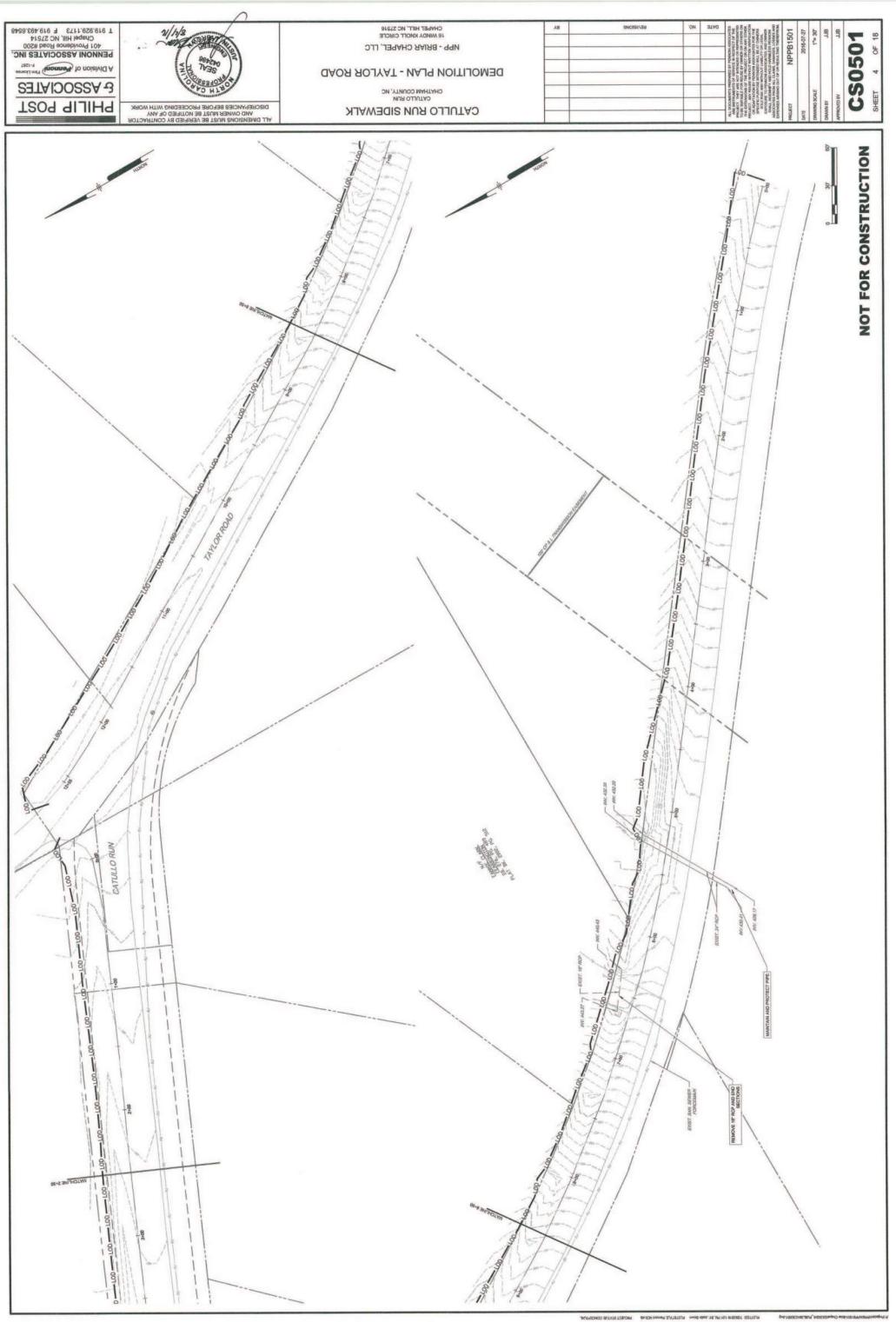
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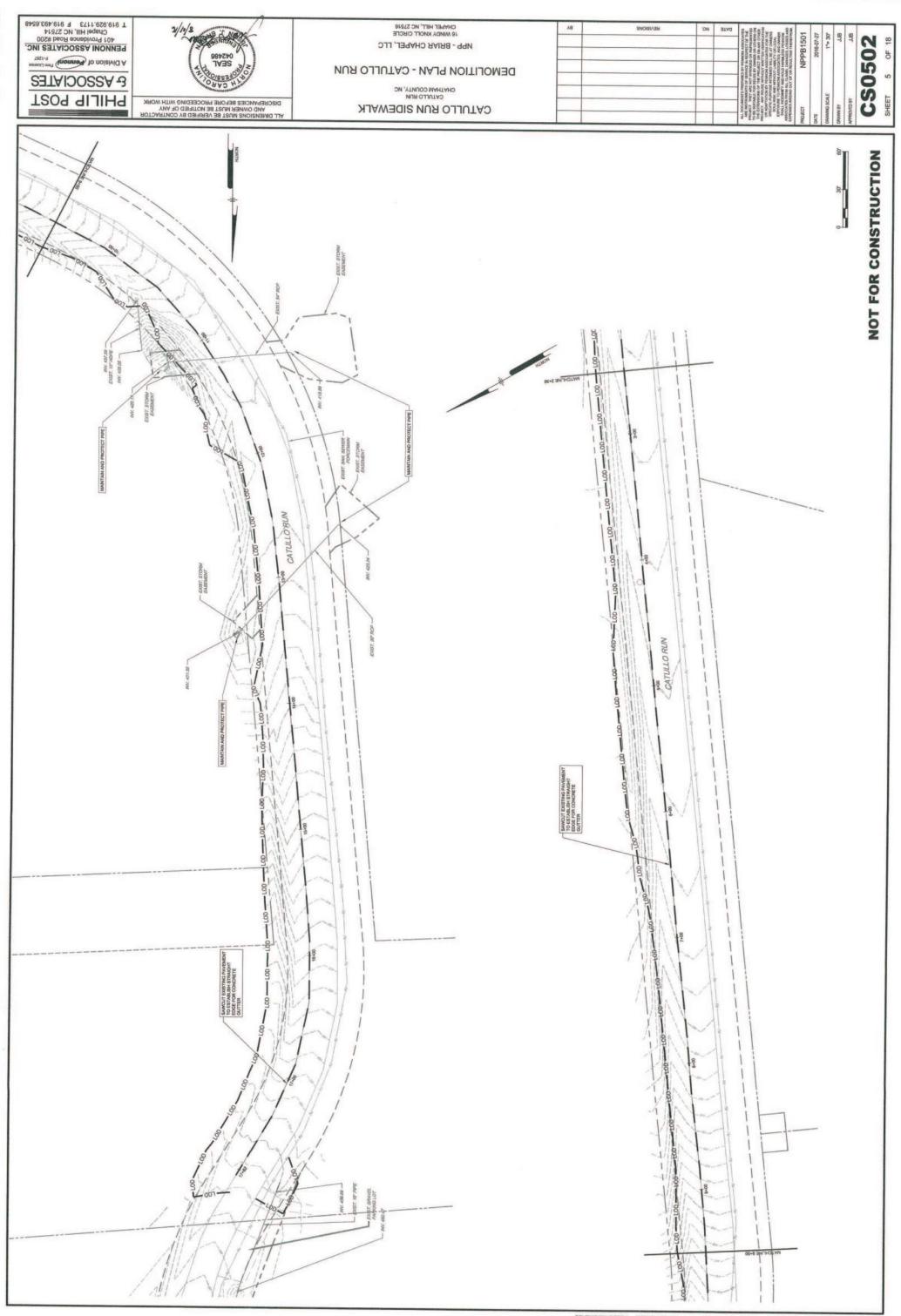
HANDE HERE BUILDING SALENY BUILDING



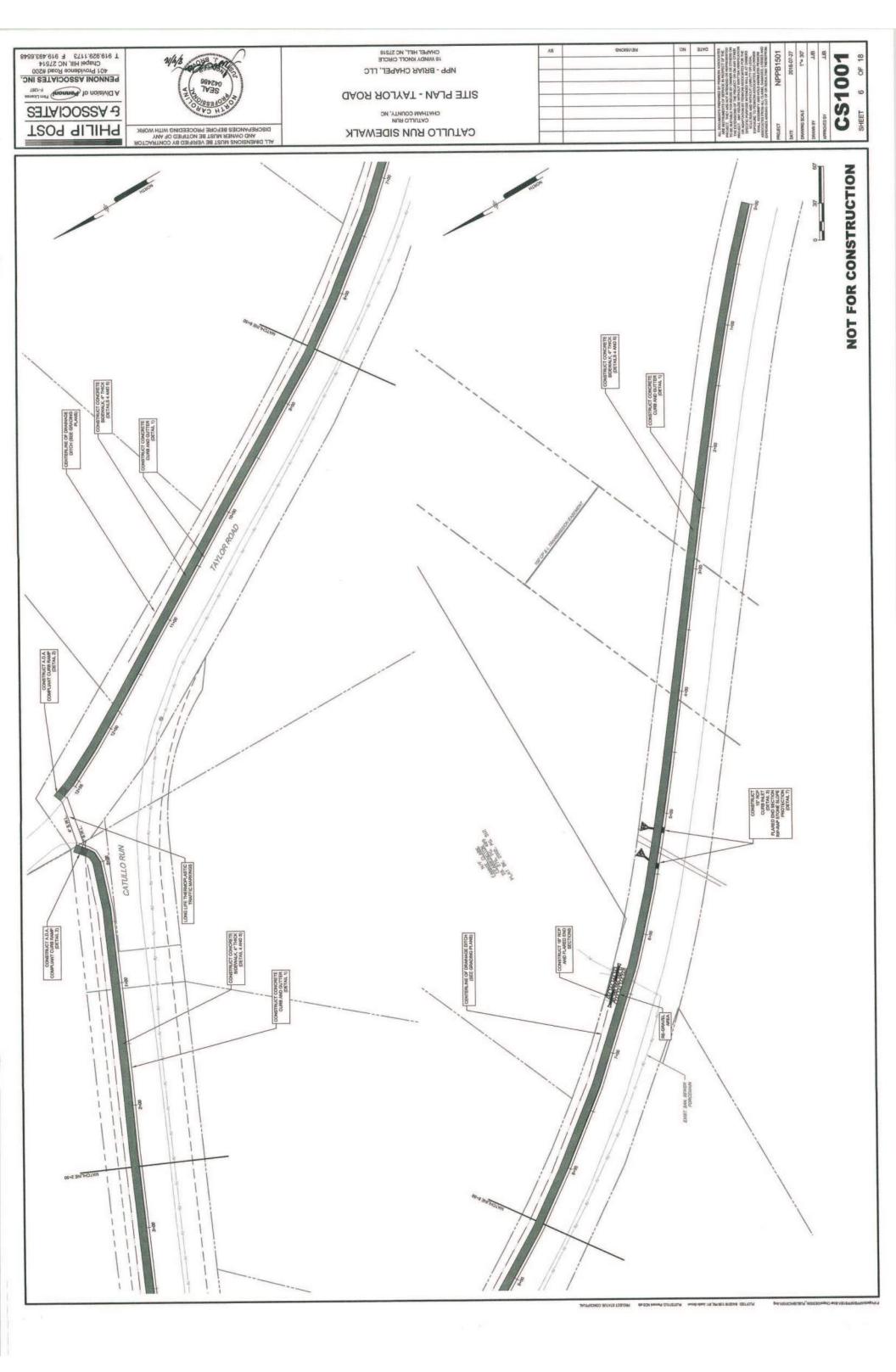
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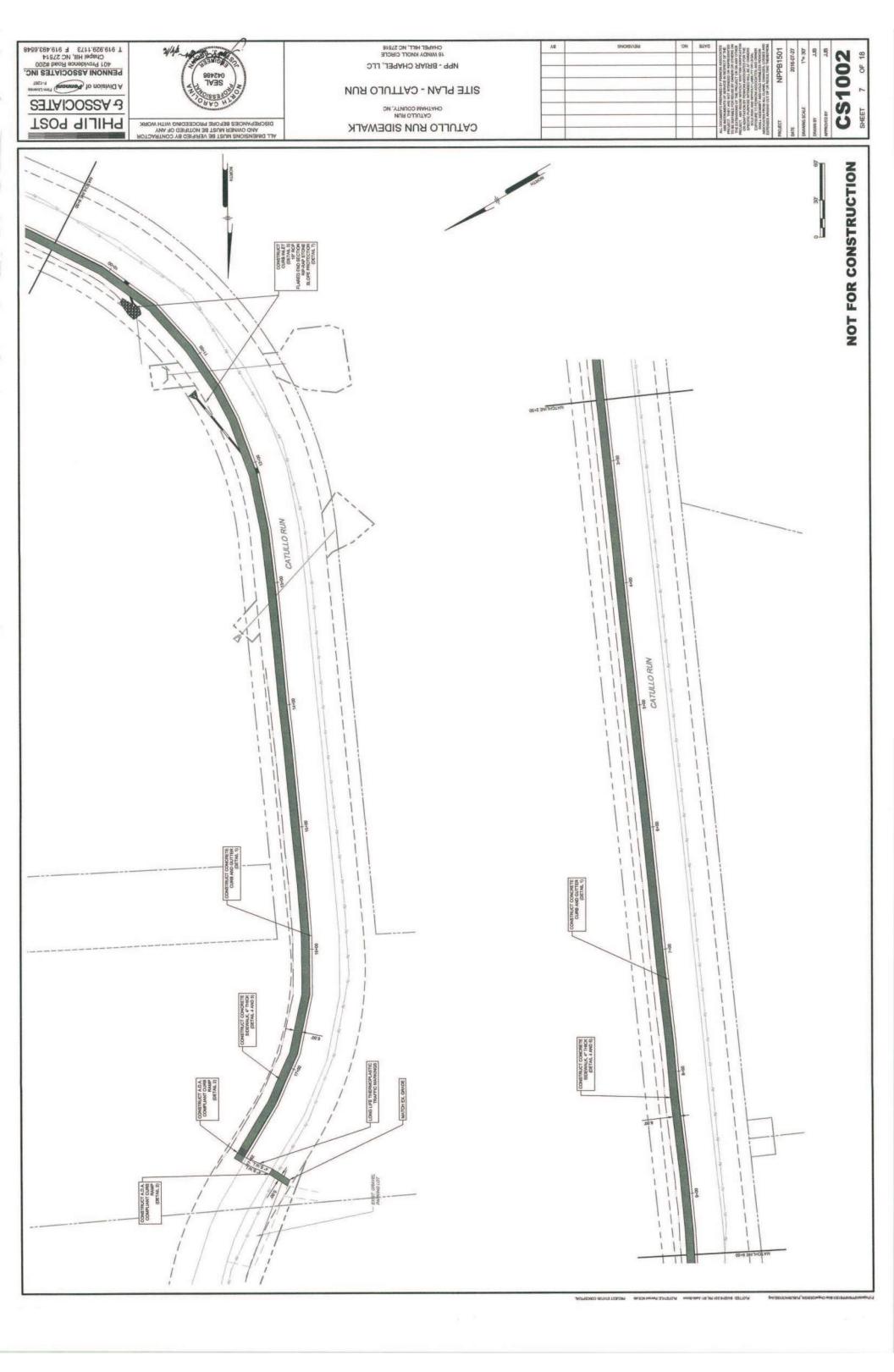


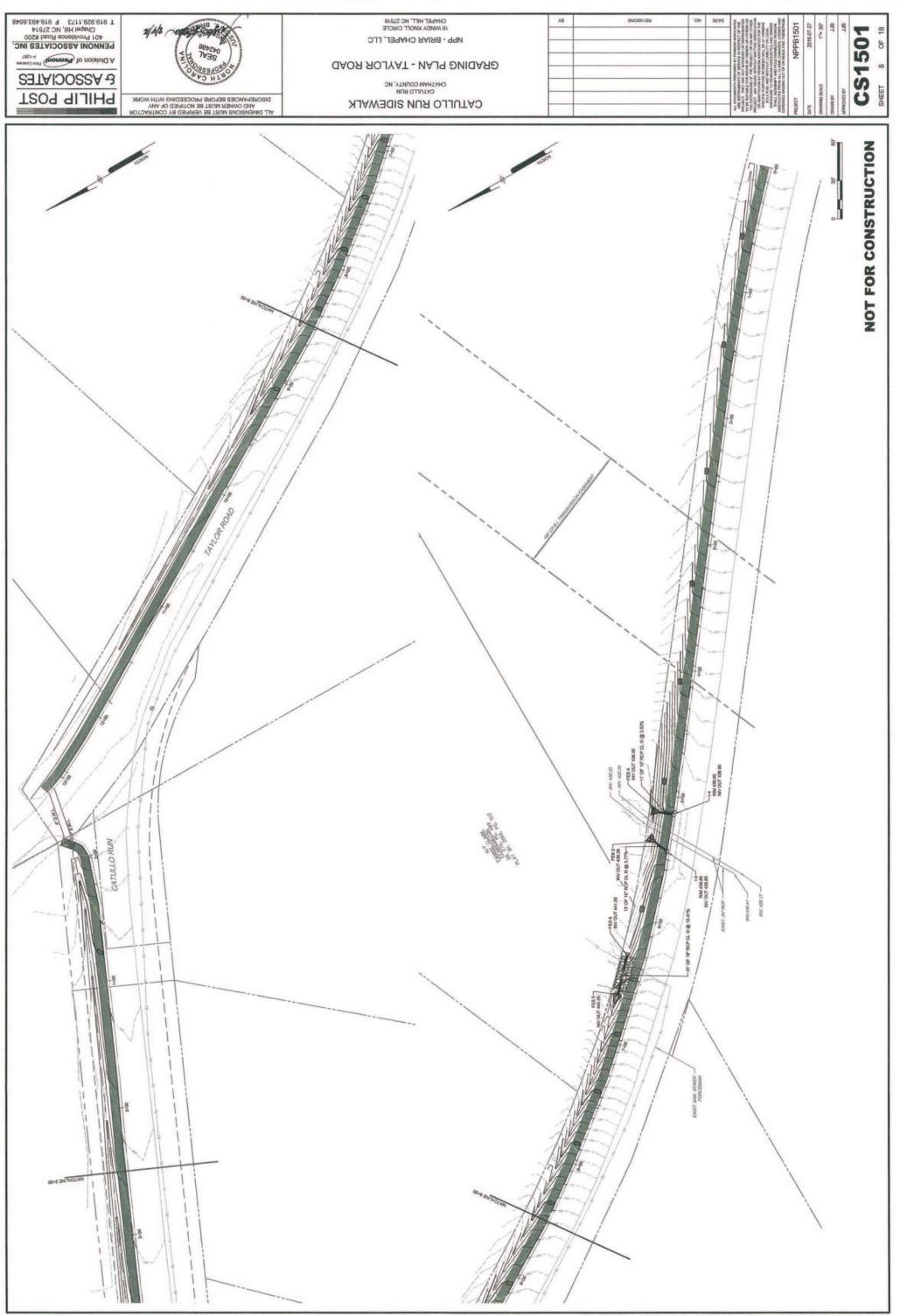
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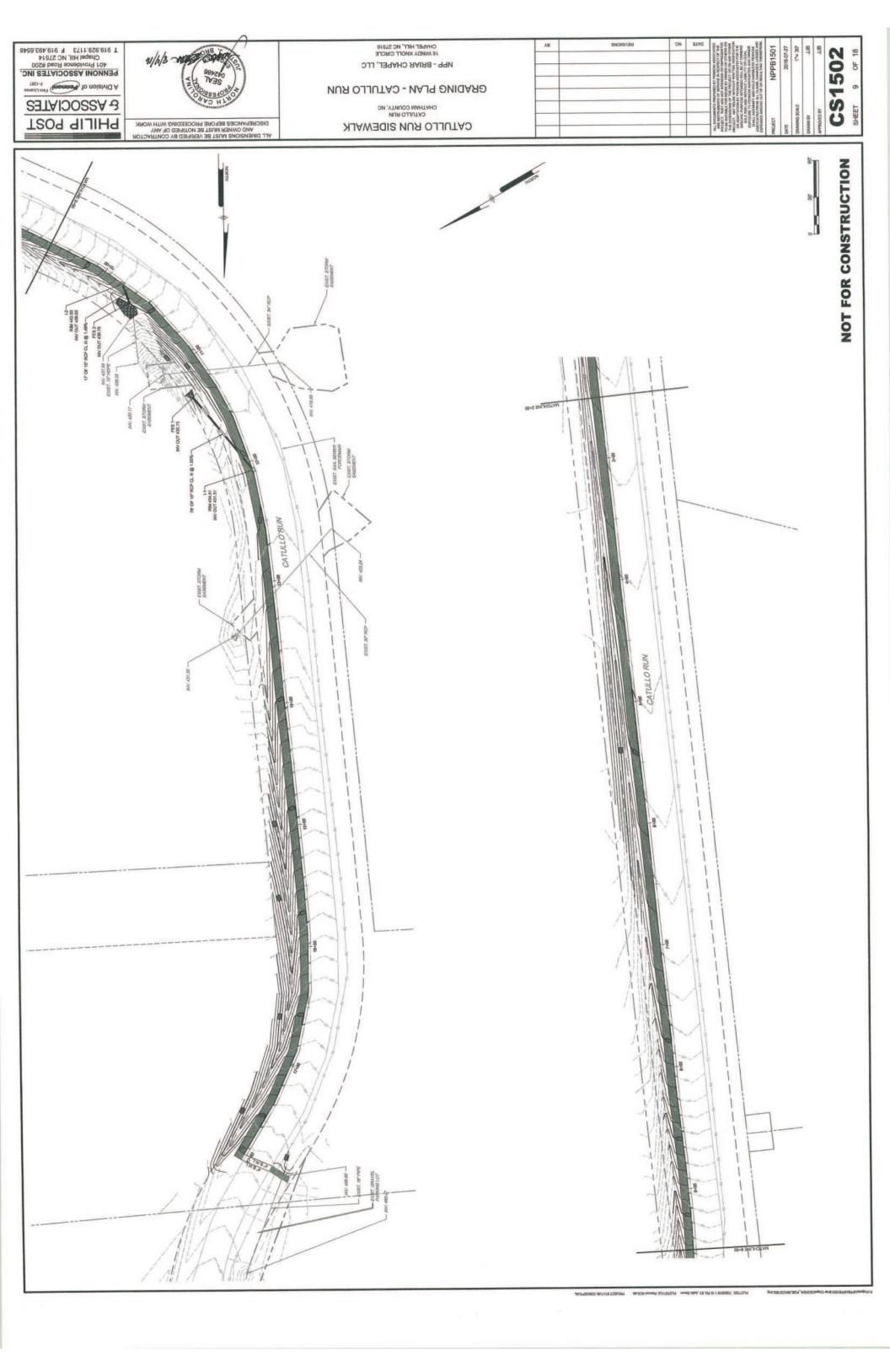


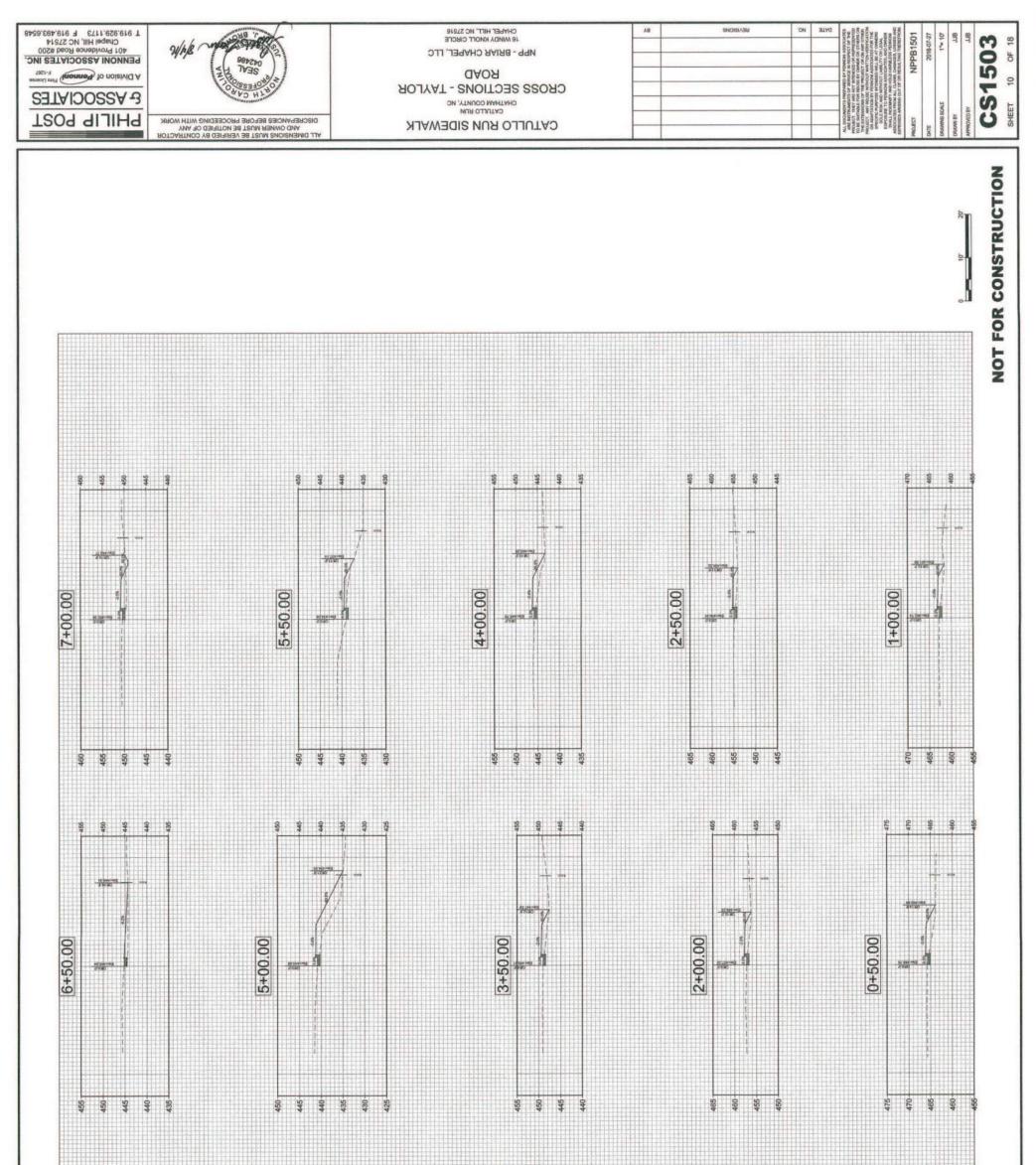


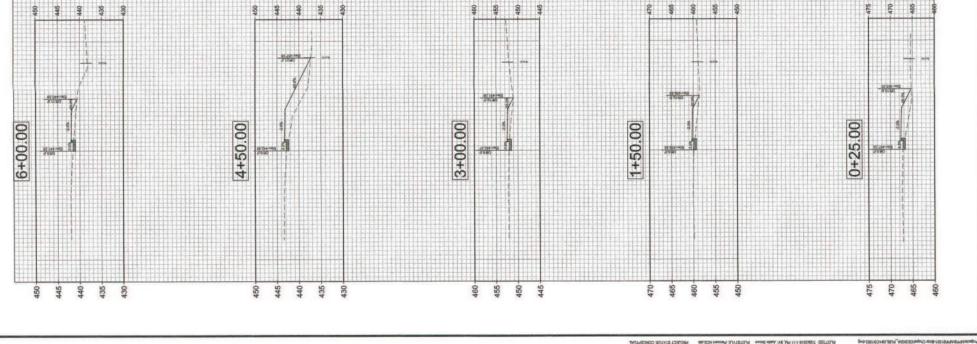


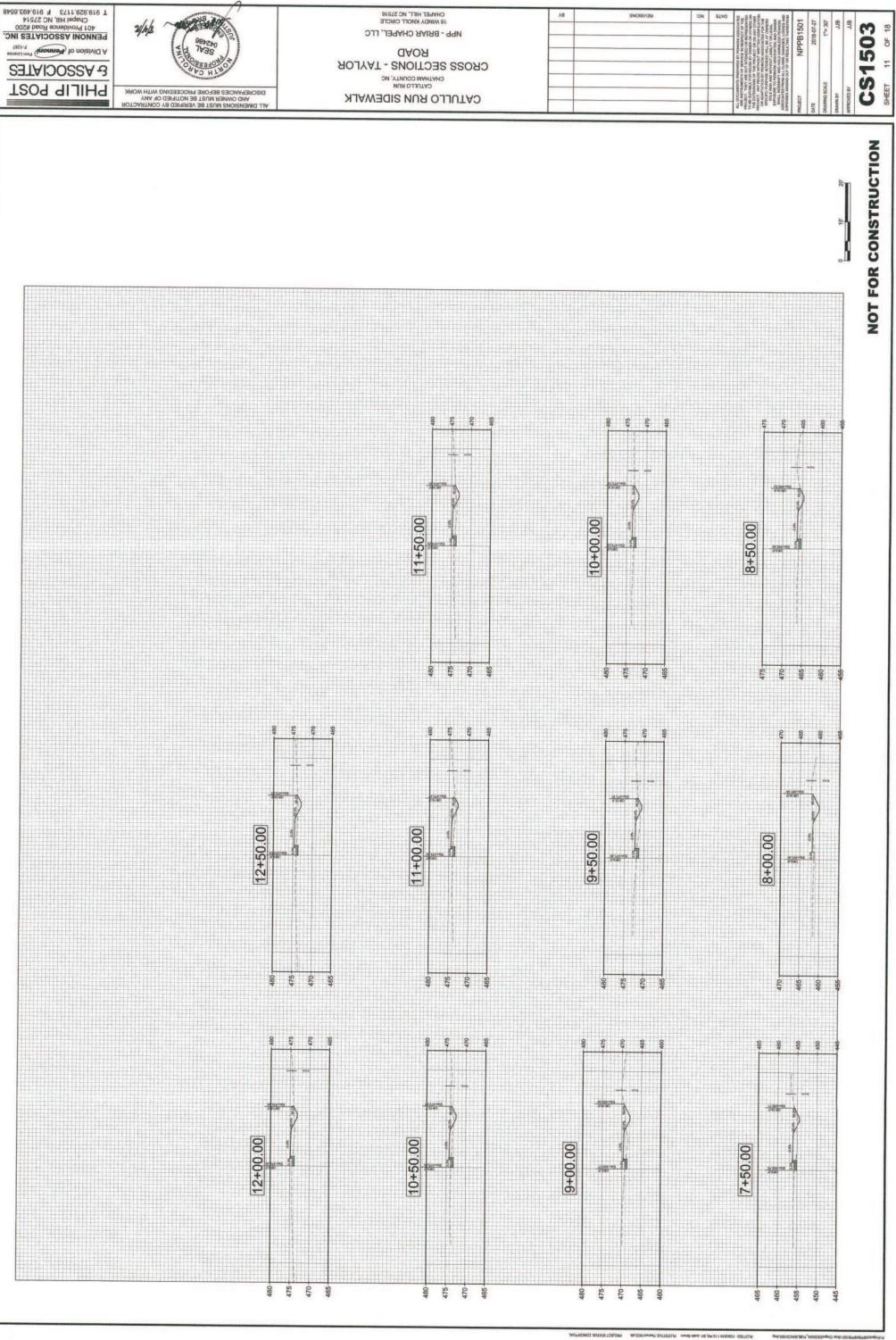
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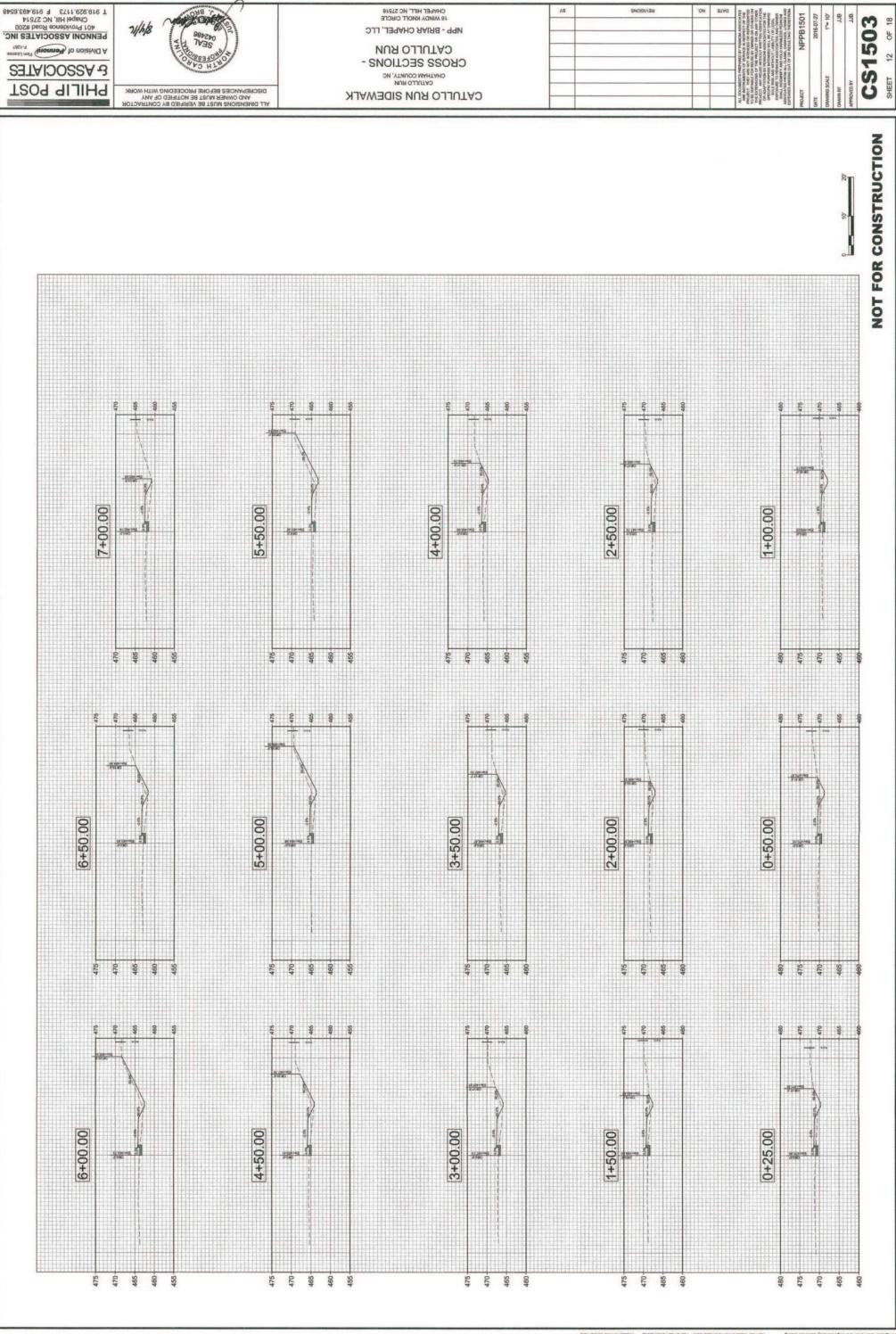
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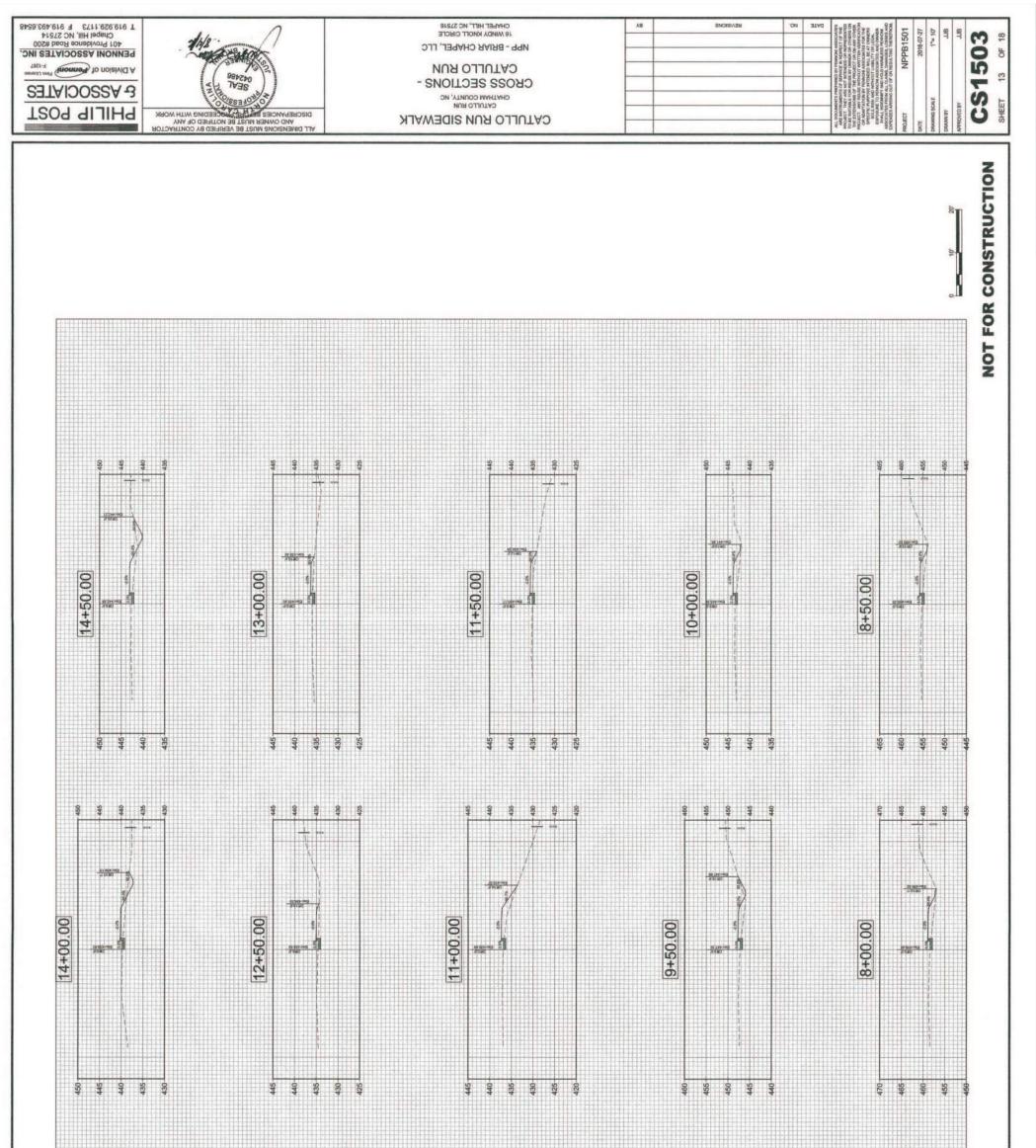


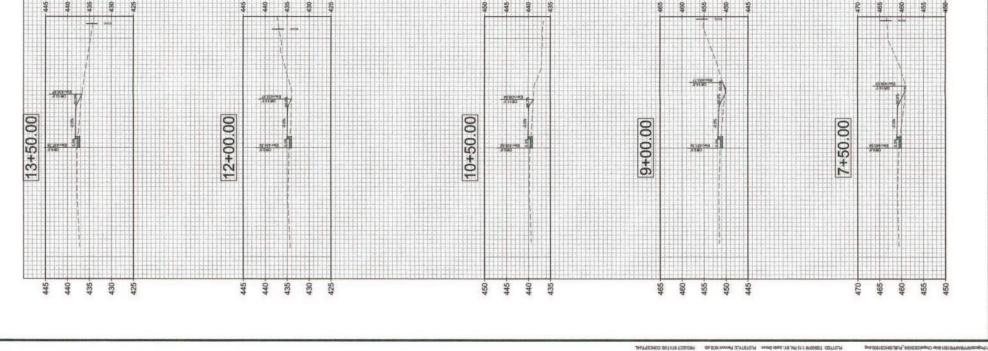


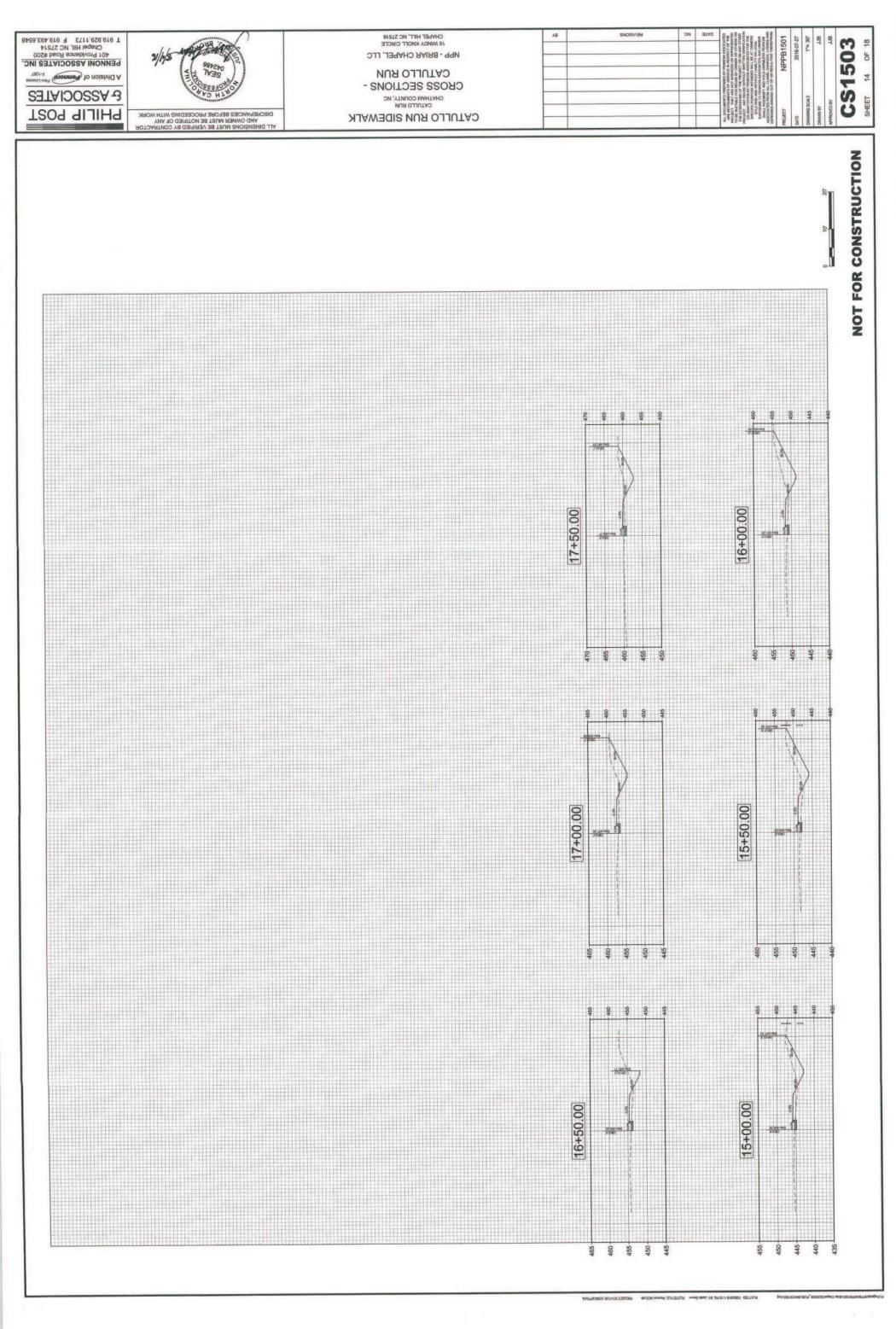
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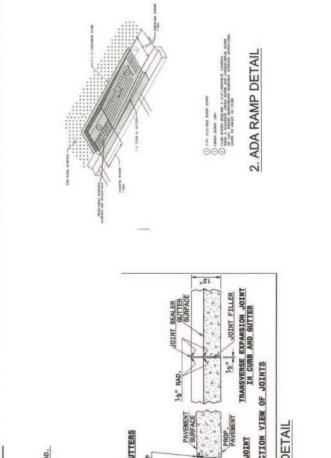
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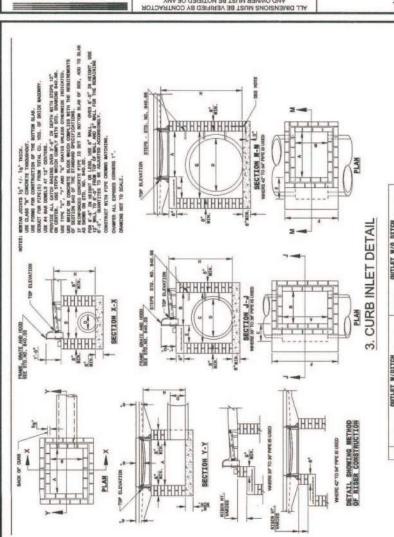
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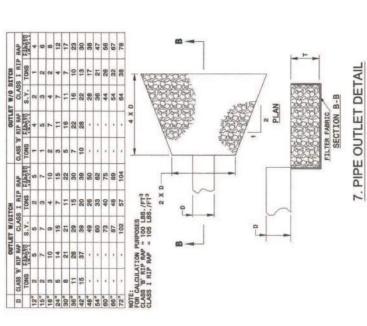








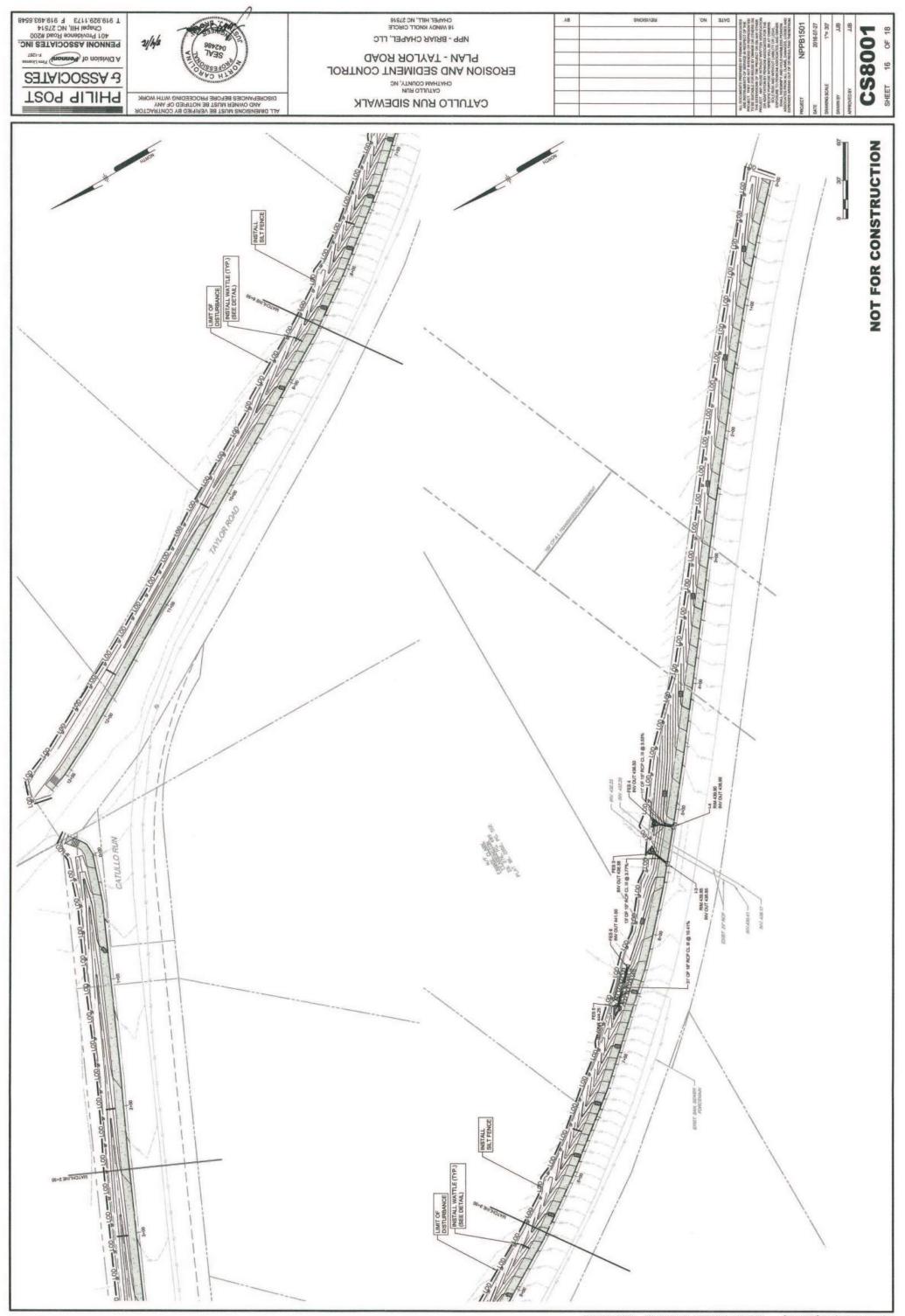




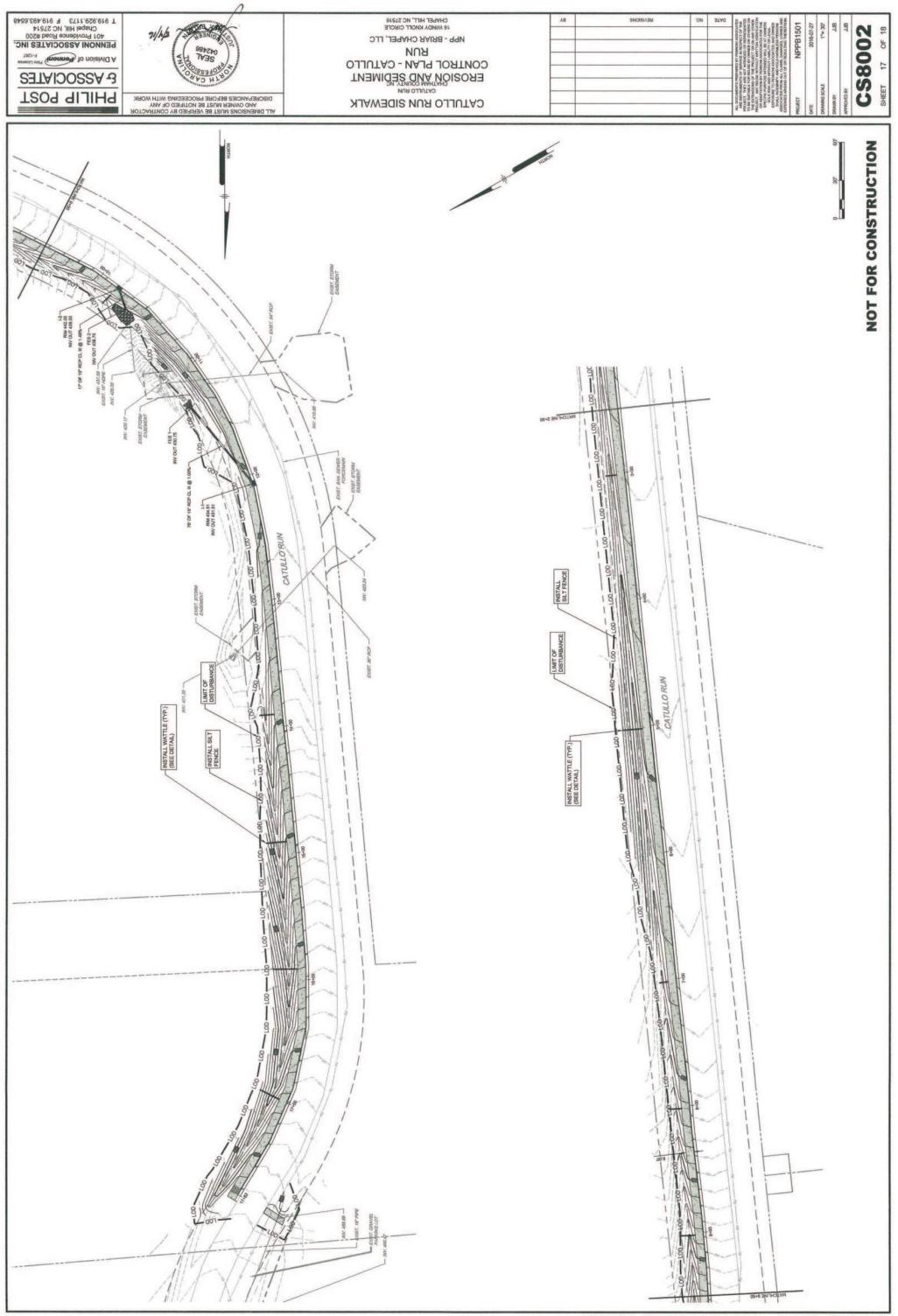
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<u>12-6" CURB AND GUTTER</u>	SECTION VIEW OF CURBS AND GUTT GENERAL NOTES: -PLAGE CONTRACTION JOINTS AT 10' INTERVIALS, EXCEPT THAT -PLAGE CONTRACTION JOINTS AT 10' INTERVIALS, EXCEPT THAT AT 15' SPACING WAYEN BE USED WHEN A MALINE IS USED ON WHEN ANTISACTORY SUPPORT FOR THE FACTORING IN THE ACLER MITHOUT THE USE OF THEMOLITES AT 10' INTERVIALS, EXCEPT THAT 	1. CURB AND GUTTER DE	NOTES: NOTES: CONSTRUCT STANDARD SIDEWALK 5' WIDE AND 4" THICK UNLESS OTHERWISE DENOTED ON PLANS. PLACE A GROOVE JOINT 1" DEEP WITH 15" RADII IN THE CONDETE SIDEMALK AT 5' THIETHALS. ONE 12" EXPANSION JOINT WILL BE REQUIRED AT 50 WHERE THE SIDEMALK JOINS ANY RIGID STRUCTURE. SEE STD. MMB. 943-05 FOR WHELECHALR AMP LOCATION REQUIREMENTS AND CONSTRUCTION GUIDELINES.	194" RAD JOINT SEALEN 1901 SEALEN 197 JOINT SEALEN 197 JOINT WIDTH 1 - JOINT FILLEN 7 - SIDEWALK THICHNES 4. TRANSVERSE EXPANSION JOINT IN SIDEWALK DETAIL	12" ESPANSION JOINT 12" ESPANSION JOINT SAMN JOINT WITH JOINT SAMN JOINT SAMN JOINT SAMN JOINT SAMN JOINT SAMN JOINT SAMN JOINT SAMN JOI	5. JOINTS IN CONCRETE SIDEWALK DETAIL
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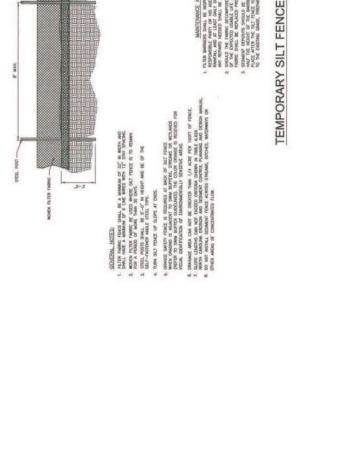


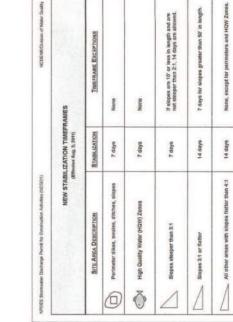
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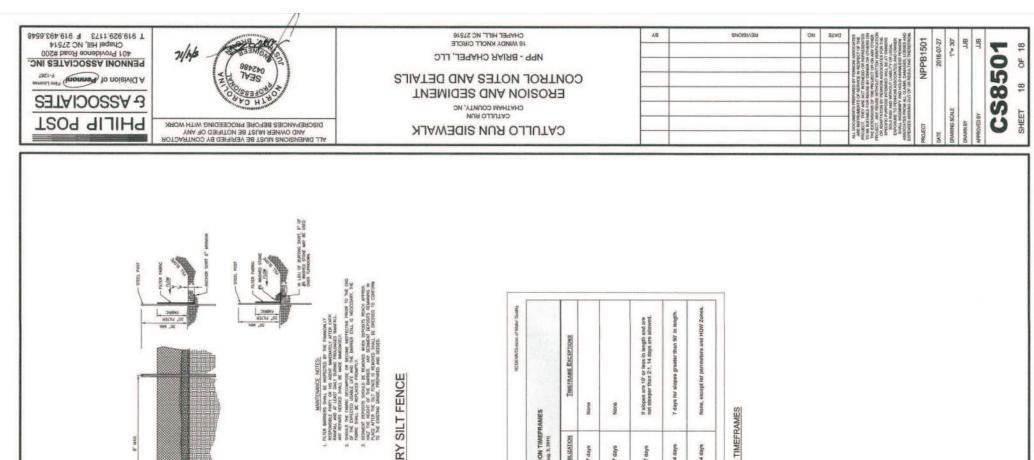
## WATTLE. DNLY INSTALL WATTLE (3) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH ARGUND WATTLE AND SCOUN DITCH SLOPES AND AS DIRECTED. PROVIDE STAPLES MADE OF 0.125 TH. ULAWETEN STELL WITH MENDED 2010 D. JOHNEY MOT 1.255 THAN 1.2" TH LEWEIH. THAT'LL STAPLES APPROXIMENTELY ENERY 1.LINEAR FOOD FACTOR BOTH 5.002 OF WATTLE APPR AT TACH MED TO SECURE IT TO THE NOTES: USE MIXIMUM 12 IN. OLMMITA COIR FISEN (COCONUT FISEN) USE 271 VORUNA 12 IN. A 2 IN. M 2 IN. MOMINAL DADAS SECTION. INSTALL MATTING IN ACCORDANCE WITH SECTION 1031 OF THE STANDARD SFECFICATIONS. INSTALL A WINIMUM OF 2 UPBLOPE STAKER AND 4 DOWNSLOPE STAKES AT AN ANOLE TO WEDGE WATTLE TO BOTTOM OF DITCH 011111111 UPSLOPE INSET A FLOW

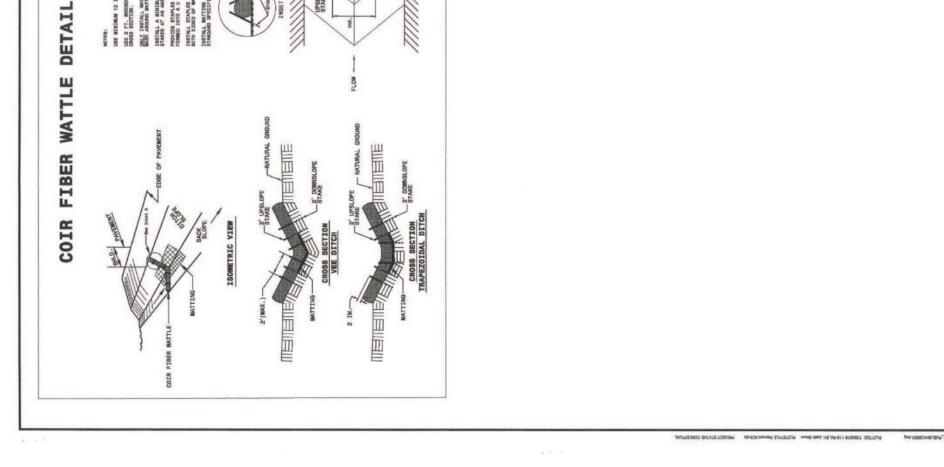
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