

NOW OR FORMERLY
BASS
BOOK 4946 PAGE 1527
ZONING - R-5

NOW OR FORMERLY
CITY OF WILMINGTON
BOOK 606 PAGE 11
ZONING - CB

NOW OR FORMERLY
BASS
BOOK 2553 PAGE 757
ZONING - R-5

NOW OR FORMERLY
CITY OF WILMINGTON
BOOK 606 PAGE 11
ZONING - CB

NOW OR FORMERLY
BASS
BOOK 5450 PAGE 22
ZONING - R-5

NOW OR FORMERLY
DAVENPORT
BOOK 2024 PAGE 600
ZONING - CB

EXISTING MASONRY
BUILDING
FFE=20.98

NOW OR FORMERLY
BATSON
BOOK 1514 PAGE 643
ZONING - CB

LEGEND

EIP	EXISTING IRON PIPE
EIR	EXISTING IRON REBAR
SS	SANITARY SEWER
O	OAK
P	PINE
M	MAGNOLIA
S	SYCAMORE
MP	MAPLE
PP	POWER POLE
LP	LIGHT POLE
---	OVERHEAD POWER
- - -	PROPERTY LINE
---	EXISTING STORM DRAIN
[Symbol]	EXISTING CONCRETE

Approved Construction Plan
Date: 12/9/21
2021047
SWP #: 2020014R1
PO, CW, RC, MB, BM

NOTES:
1) SURVEY PROVIDED BY MICHAEL UNDERWOOD & ASSOC. AND PROVIDED BY OWNER.
2) DRAINAGE SYSTEM INSTALLED ONSITE WAS INSTALLED PER PREVIOUS PROJECT. FIELD VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION.

SCALE: 1" = 30'

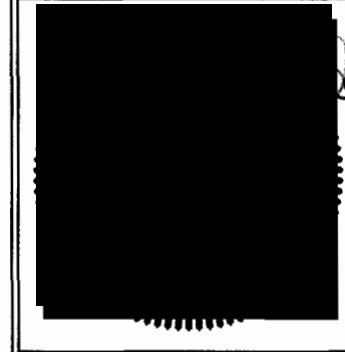
SYMBOL	DATE	DESCRIPTION	BY
		REVISIONS	

EXISTING CONDITIONS PLAN
NATIONAL GUARD ARMORY
2221 CAROLINA BEACH RD
WILMINGTON, N. C. 28401

OWNER/DEVELOPER
STATE OF NORTH CAROLINA
NC NATIONAL GUARD
CONSTRUCTION & FACILITY
MANAGEMENT OFFICE
1636 GOLD STAR DR. SUITE 2600
RALEIGH, NC 27607
800-621-4136

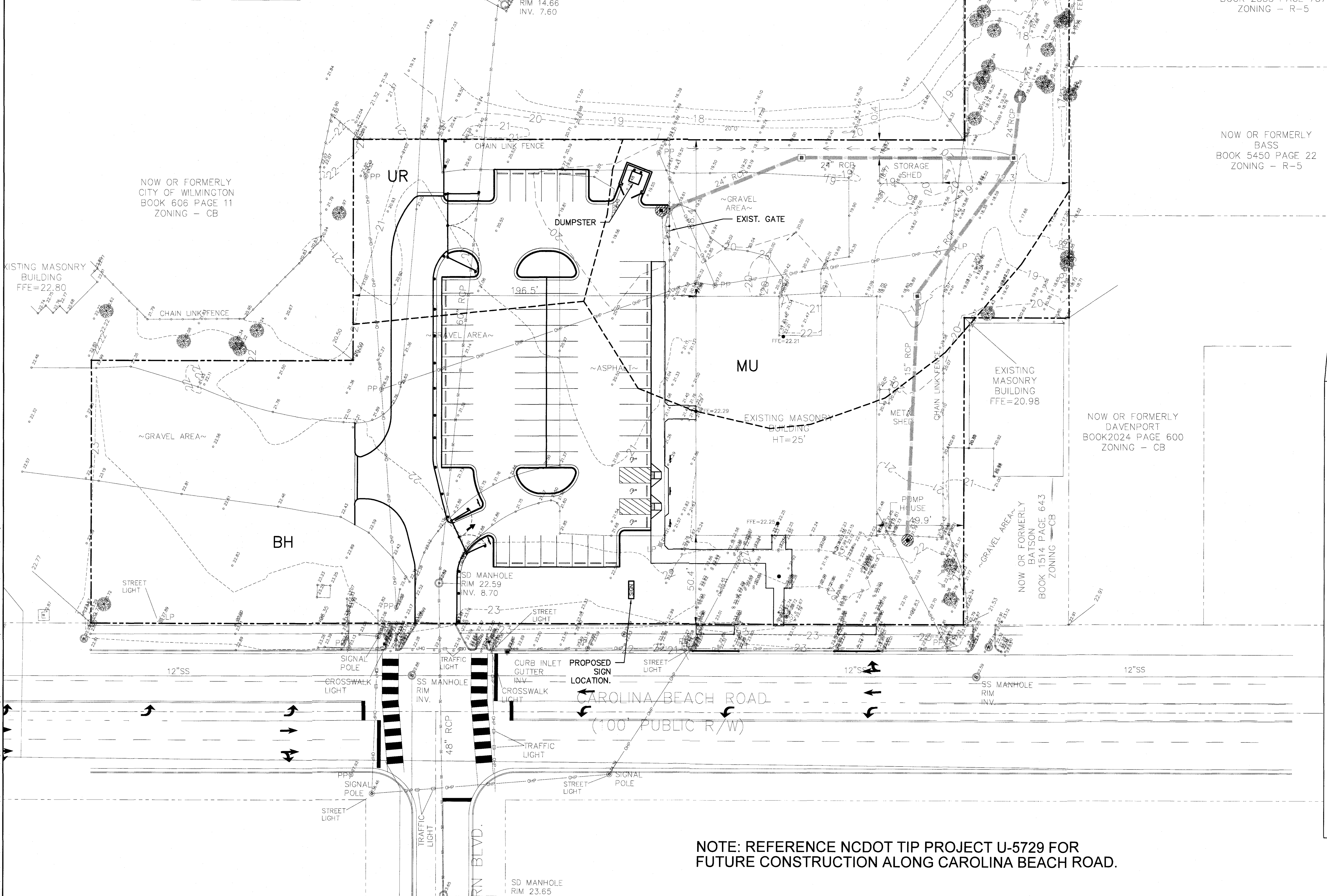
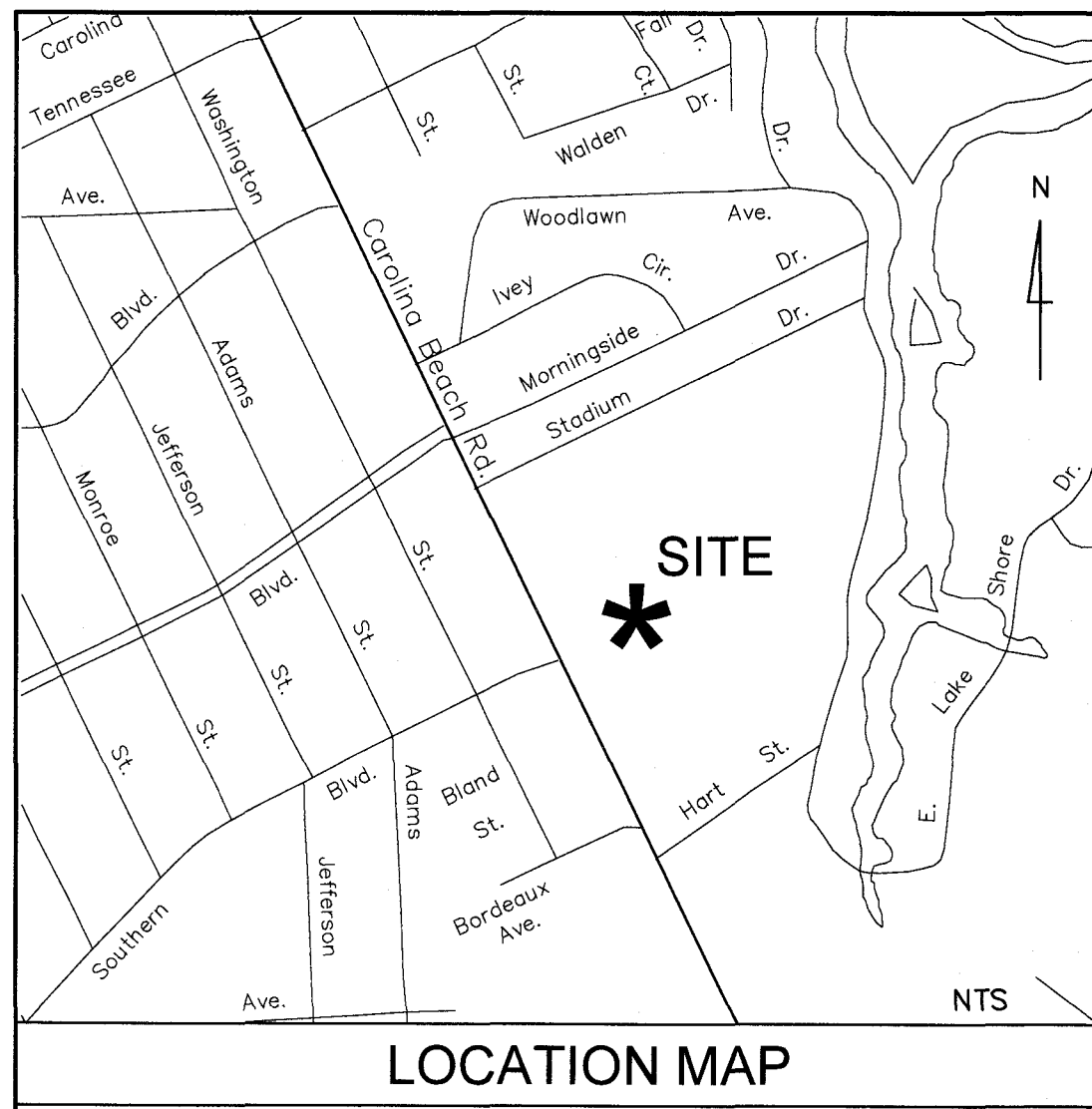
NORRIS & TUNSTALL
CONSULTING ENGINEERS P.C.
2602 IRON GATE DR., SUITE 102
WILMINGTON, NC 28412
PHONE: (910) 343-9653

Licence #C-3641
21043
DES. JST
CKD. JPN
DRWN. DGC
DATE 11/3/21



CO

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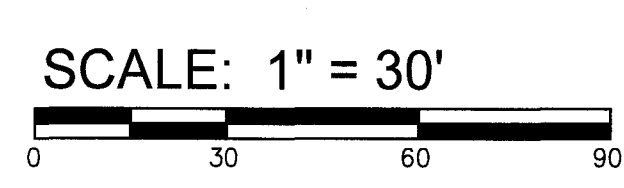


SITE DATA TABLE	
PARCEL ID#:	R06013-018-002-000
PARCEL PIN#:	312609.05.6751.000
SITE ADDRESS:	2221 CAROLINA BEACH RD
PARCEL OWNER:	STATE OF NC
PROPOSED PARCEL USE:	3.14 AC (136,765 SF)
CURRENT ZONING:	GOV.
CAMA LAND CLASSIFICATION:	08-1 URBAN
FUTURE LAND USE:	N/A
SOIL TYPE:	MU/BH/UR
BUILDING SETBACKS 0&I-1:	
FRONT SETBACK:	20'
INTERIOR SIDE SETBACK:	20'
REAR SETBACKS:	20'
PROPOSED/EXISTING SETBACKS:	
FRONT SETBACK:	50.5'
INTERIOR SIDE SETBACK:	49.9'
REAR SETBACK:	88.5'
BUILDING INFORMATION:	
TOTAL # OF BUILDINGS=	1 EXISTING
TOTAL SF OF BUILDINGS=	13,573 SF
TOTAL # OF STORIES=	1
BUILDING LOT COVERAGE PERCENTAGE=	9.92%
IMPERVIOUS AREAS EXISTING:	
BUILDING=	13,665 SF (ROOF AREA)
ASPHALT, CONCRETE, CURB & GUTTER=	17,740 SF
GRAVEL=	32,935 SF
SIDEWALK=	1,266 SF
TOTAL EXISTING IMPERVIOUS AREA=	65,606 SF
EXISTING TO REMAIN=	38,850 SF
IMPERVIOUS AREAS PROPOSED:	
BUILDING=	13,665 SF (ROOF AREA)
ASPHALT, CONCRETE, CURB & GUTTER=	30,953 SF
GRAVEL=	15,222 SF
SIDEWALK=	2,914 SF
TOTAL PROPOSED IMPERVIOUS AREA=	62,754 SF
TOTAL IMPERVIOUS AREA=	62,754 SF
% IMPERVIOUS LOT COVERAGE=	45.88%
REQUIRED PARKING: N/A	
TOTAL PARKING PROVIDED:	66
REGULAR SPACES:	63
HC SPACES:	3
TOTAL SPACES:	66
LANDSCAPING: N/A	
STREETYARD FACTOR 18' (27' MAX - 9' MIN.): N/A	
AREA OF DISTURBED LIMITS = 55,309 SF (1.27 AC.)	

PROPERTY IS NOT LOCATED WITHIN THE 100 YEAR FLOOD PLAIN BOUNDARY

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 # 2021047
 SWP #: 2020014R1
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LEGEND	
	PROPERTY LINE
	DISTURBED AREA LIMITS
	PROPOSED CONTOUR
	TEMPORARY SILT FENCE
	PROPOSED STORMDRAIN PIPE
	PROPOSED WATERLINE
	PROPOSED SANITARY SEWER
	PROPOSED SPOT ELEVATION FLOW LINE
	PROPOSED SPOT ELEVATION TOP OF CURB
	PROPOSED SPOT ELEVATION FINISH GRADE
	FLARED END SECTION WITH RIP-RAP ENERGY DISSIPATOR
	DROP INLET WITH INLET PROTECTION (DI)
	CURB INLET WITH INLET PROTECTION (CI)
	JUNCTION BOX WITH INLET PROTECTION (JB)
	PROPOSED FIRE HYDRANT
	EXISTING CONTOUR
	EXISTING TREE TO BE SAVED
	EXISTING TREE TO BE REMOVED
	TREE PROTECTION FENCING
	RESURFACE ASPHALT 4B/C5
	NEW ASPHALT 4A/C5
	HD CONCRETE 2/C5
	CONCRETE SIDEWALK



NOTE: REFERENCE NCDOT TIP PROJECT U-5729 FOR FUTURE CONSTRUCTION ALONG CAROLINA BEACH ROAD.

SYMBOL	DATE	DESCRIPTION	BY
		REVISIONS	

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OVERALL SITE PLAN
 NATIONAL GUARD ARMORY
 2221 CAROLINA BEACH RD
 WILMINGTON, N. C. 28401

OWNER/DEVELOPER
 STATE OF NORTH CAROLINA
 NC NATIONAL GUARD
 CONSTRUCTION & FACILITY
 MANAGEMENT OFFICE
 1636 GOLD STAR DR., SUITE 2600
 RALEIGH, NC 27607
 800-621-4136

NORRIS & TUNSTALL
 CONSULTING ENGINEERS P.C.

2602 IRON GATE DR., SUITE 102 1429 ASH LITTLE RIVER RD. NW
 WILMINGTON, NC 28412 WILMINGTON, NC 28409
 PHONE: (910) 343-9633 PHONE: (910) 343-9633

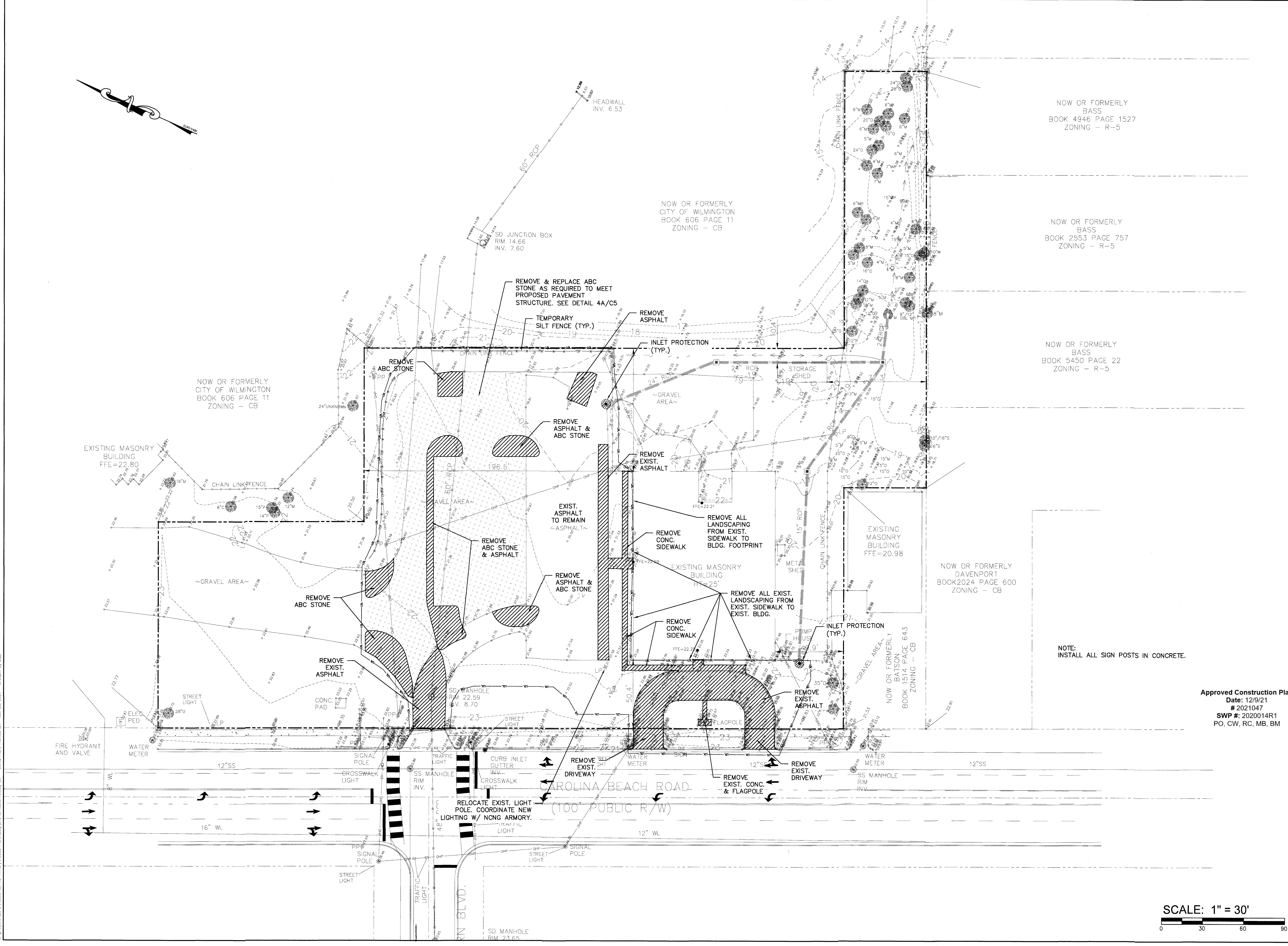
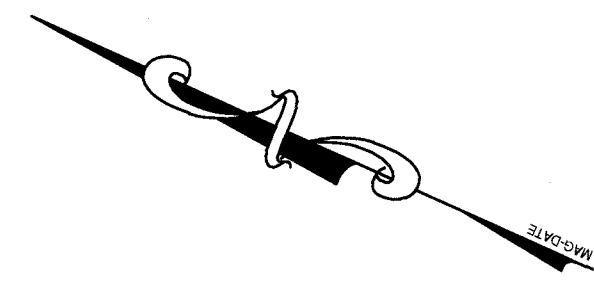
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DES.	JUST
CG.	JPN
DRWN.	DCC

DATE 11/3/21

C0.1



NOW OR FORMERLY
BASS
BOOK 4946 PAGE 1527
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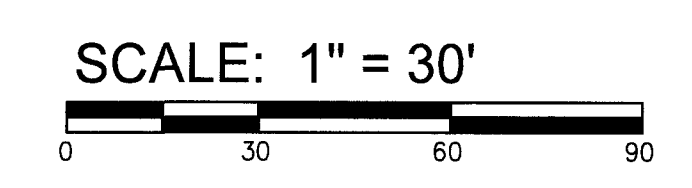
NOW OR FORMERLY
BASS
BOOK 5450 PAGE 22
ZONING - R-5

NOW OR FORMERLY
DAVENPORT
BOOK 2024 PAGE 600
ZONING - CB

NOW OR FORMERLY
BATSON
BOOK 1514 PAGE 64.3
ZONING - CB

NOTE:
INSTALL ALL SIGN POSTS IN CONCRETE.

Approved Construction Plan
Date: 12/9/21
2021047
SWP #: 2020014R1
PO, CW, RC, MB, BM



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REVISIONS			
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DEMOLITION PLAN
NATIONAL GUARD ARMORY
2221 CAROLINA BEACH RD
WILMINGTON, N. C. 28401

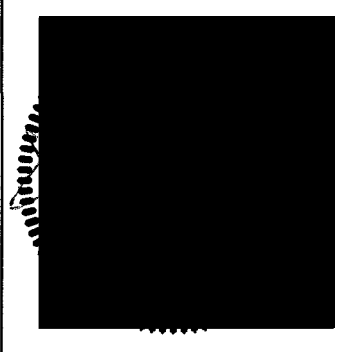
OWNER/DEVELOPER
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NC NATIONAL GUARD
CONSTRUCTION & FACILITY
MANAGEMENT OFFICE
1636 GOLD STAR DR. SUITE 2600
RALEIGH, NC 27607
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WILMINGTON, NC 28412 WILMINGTON, NC 28409
PHONE (910) 343-9653 PHONE (910) 287-5900

Licence #C-3641

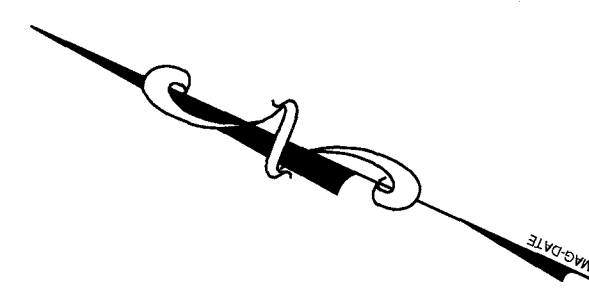
21043

DES. JUST
CDD. JPN
DRWN. DGC
DATE 11/3/21



C1

C:\projects\2021\1008 - Iron Guard Armory\1008 - Iron Guard Armory\1008 - Iron Guard Armory.dwg (1 - 1) Date Plotted: 11/3/21 9:03am by user



SYMBOL	DATE	DESCRIPTION	BY
		REVISIONS	

GRADING, DRAINAGE, AND EROSION CONTROL PLAN
NATIONAL GUARD ARMORY
2221 CAROLINA BEACH RD
WILMINGTON, N. C. 28401

OWNER/DEVELOPER
 STATE OF NORTH CAROLINA
 NC NATIONAL GUARD
 CONSTRUCTION & FACILITY
 MANAGEMENT OFFICE
 1636 GOLD STAR DR., SUITE 2600
 RALEIGH, NC 27607
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 2602 IRON GATE DR., SUITE 102 WILMINGTON, NC 28412
 1429 ASH-LITTLE RIVER RD. NW ASH, NC 28420
 PHONE (910) 343-9653

21043
 RES. JST
 CKD. JFN
 DRWN. DCC
 DATE 11/3/21

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 DAVENPORT
 BOOK 2024 PAGE 600
 ZONING - CB

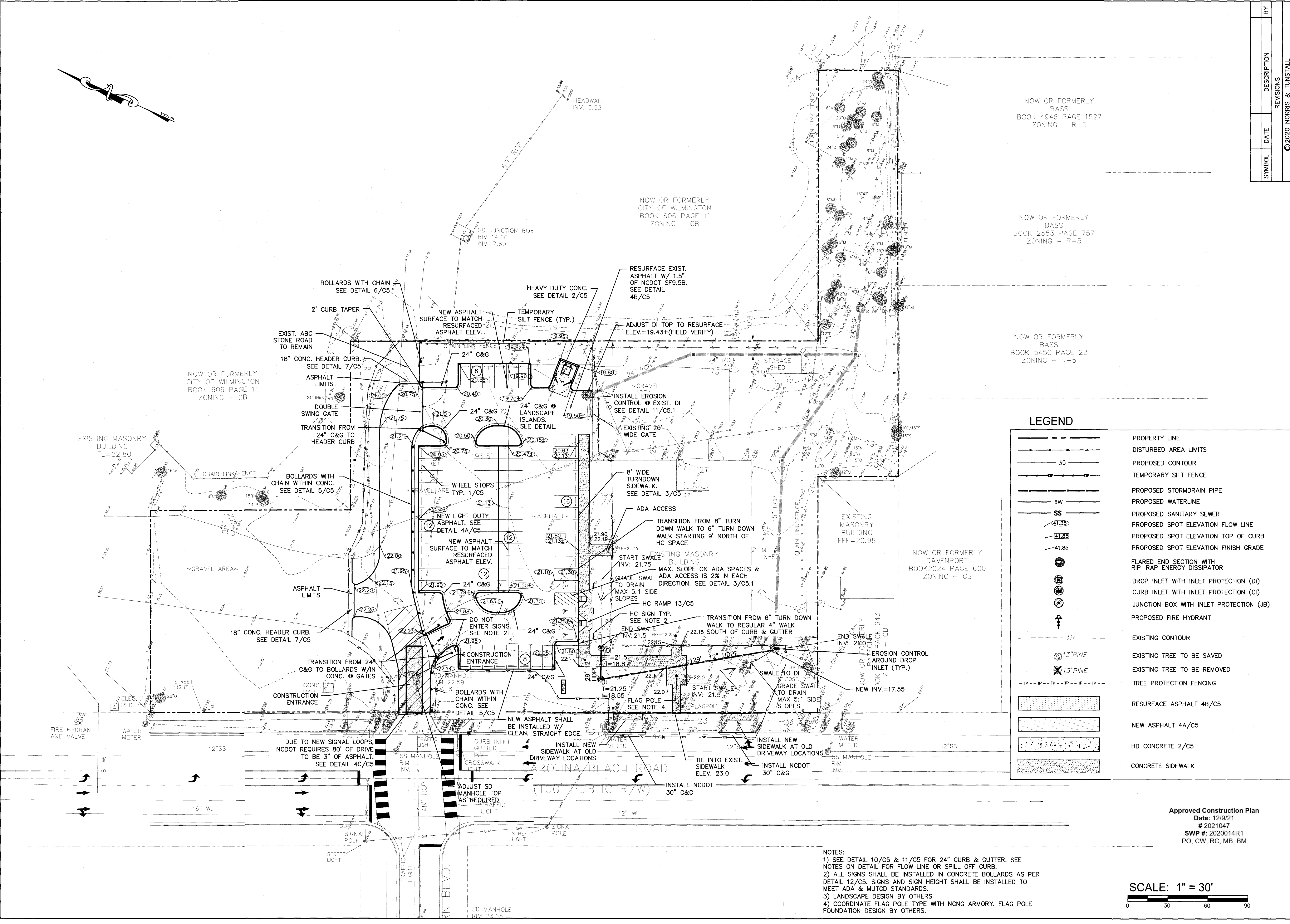
LEGEND

	PROPERTY LINE
	DISTURBED AREA LIMITS
	PROPOSED CONTOUR
	TEMPORARY SILT FENCE
	PROPOSED STORMDRAIN PIPE
	PROPOSED WATERLINE
	PROPOSED SANITARY SEWER
	PROPOSED SPOT ELEVATION FLOW LINE
	PROPOSED SPOT ELEVATION TOP OF CURB
	PROPOSED SPOT ELEVATION FINISH GRADE
	FLARED END SECTION WITH RIP-RAP ENERGY DISSIPATOR
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	CURB INLET WITH INLET PROTECTION (CI)
	JUNCTION BOX WITH INLET PROTECTION (JB)
	PROPOSED FIRE HYDRANT
	EXISTING CONTOUR
	EXISTING TREE TO BE SAVED
	EXISTING TREE TO BE REMOVED
	TREE PROTECTION FENCING
	RESURFACE ASPHALT 4B/C5
	NEW ASPHALT 4A/C5
	HD CONCRETE 2/C5
	CONCRETE SIDEWALK

Approved Construction Plan
 Date: 12/9/21
 # 2021047
 SWP #: 2020014R1
 PO, CW, RC, MB, BM

SCALE: 1" = 30'

- NOTES:**
- SEE DETAIL 10/C5 & 11/C5 FOR 24" CURB & GUTTER. SEE NOTES ON DETAIL FOR FLOW LINE OR SPILL OFF CURB.
 - ALL SIGNS SHALL BE INSTALLED IN CONCRETE BOLLARDS AS PER DETAIL 12/C5. SIGNS AND SIGN HEIGHT SHALL BE INSTALLED TO MEET ADA & MUTCD STANDARDS.
 - LANDSCAPE DESIGN BY OTHERS.
 - COORDINATE FLAG POLE TYPE WITH NCNG ARMORY. FLAG POLE FOUNDATION DESIGN BY OTHERS.



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SYMBOL	DATE	DESCRIPTION	BY
		REVISIONS	

LAYOUT PLAN
NATIONAL GUARD ARMORY
2221 CAROLINA BEACH RD
WILMINGTON, N. C. 28401

OWNER/DEVELOPER
 STATE OF NORTH CAROLINA
 NC NATIONAL GUARD
 CONSTRUCTION & FACILITY
 MANAGEMENT OFFICE
 1636 GOLD STAR DR. SUITE 2600
 RALEIGH, NC 27607
 800-621-4136

NORRIS & TUNSTALL
 CONSULTING ENGINEERS P.C.
 2602 IRON GATE DR., SUITE 102 1429 ASH-LITTLE RIVER RD. NW
 WILMINGTON, NC 28412 ASH, NC 28420
 PHONE (910) 343-9653 PHONE (910) 287-5900

Licence #C-3641
21043
 DES. JST
 CRD. JPN
 DRWN. DGC
 DATE 12/9/21



C3

NOW OR FORMERLY
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 BOOK 4946 PAGE 1527
 ZONING - R-5

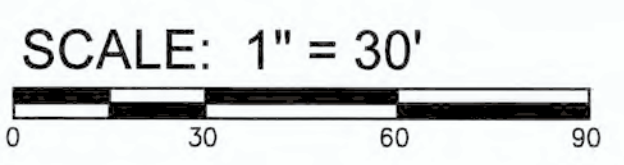
NOW OR FORMERLY
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 BOOK 2553 PAGE 757
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NOW OR FORMERLY
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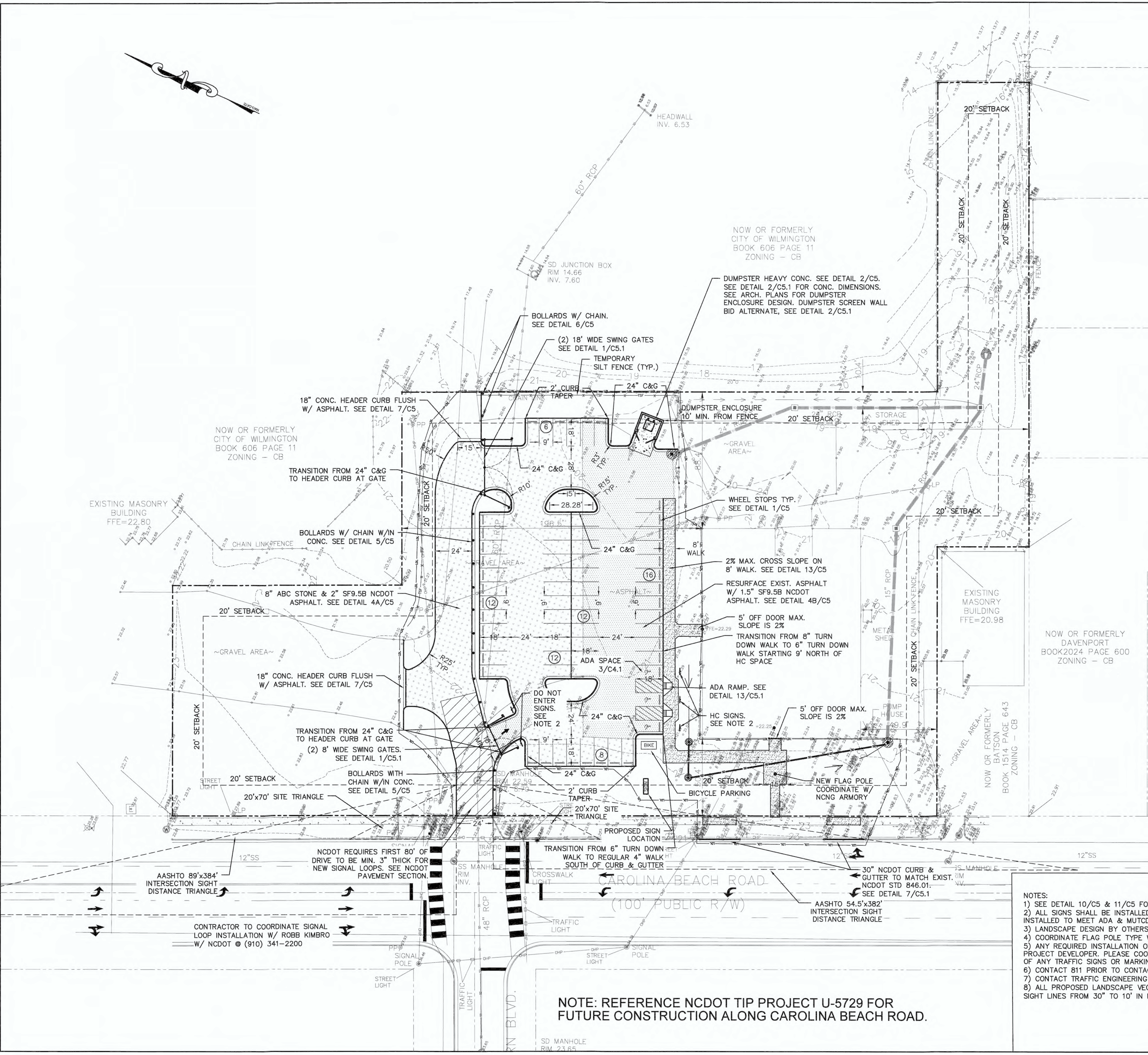
Approved Construction Plan
 Date: 12/9/21
 # 2021047
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 PO, CW, RC, MB, BM

LEGEND	
	PROPERTY LINE
	DISTURBED AREA LIMITS
	PROPOSED CONTOUR
	TEMPORARY SILT FENCE
	PROPOSED STORMDRAIN PIPE
	PROPOSED WATERLINE
	PROPOSED SANITARY SEWER
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	DROP INLET WITH INLET PROTECTION (DI)
	CURB INLET WITH INLET PROTECTION (CI)
	JUNCTION BOX WITH INLET PROTECTION (JB)
	PROPOSED FIRE HYDRANT
	EXISTING CONTOUR
	EXISTING TREE TO BE SAVED
	EXISTING TREE TO BE REMOVED
	TREE PROTECTION FENCING
	RESURFACE ASPHALT 4B/C5
	NEW ASPHALT 4A/C5
	HD CONCRETE 2/C5
	CONCRETE SIDEWALK
	NCDOT ASPHALT AC/C4

- NOTES:**
- SEE DETAIL 10/C5 & 11/C5 FOR 24" CURB & GUTTER. SEE NOTES ON DETAIL FOR FLOW LINE OR SPILL OFF CURB.
 - ALL SIGNS SHALL BE INSTALLED IN CONCRETE BOLLARDS AS PER DETAIL 12/C5. SIGNS AND SIGN HEIGHT SHALL BE INSTALLED TO MEET ADA & MUTCD STANDARDS.
 - LANDSCAPE DESIGN BY OTHERS.
 - COORDINATE FLAG POLE TYPE WITH NCNG ARMORY. FLAG POLE FOUNDATION DESIGN BY OTHERS.
 - ANY REQUIRED INSTALLATION OR RELOCATION OF TRAFFIC SIGNS/PAVEMENT MARKINGS IS THE RESPONSIBILITY OF THE PROJECT DEVELOPER. PLEASE COORDINATE WITH CITY TRAFFIC SIGNS AND MARKINGS MANAGER PRIOR TO INSTALLATION OF ANY TRAFFIC SIGNS OR MARKINGS IN THE PUBLIC ROW.
 - CONTACT 811 PRIOR TO CONTACTING CITY OF WILMINGTON, TRAFFIC ENGINEERING REGARDING THE UTILITIES IN ROW.
 - CONTACT TRAFFIC ENGINEERING AT (910) 341-7888 TO DISCUSS STREET LIGHTING OPTIONS.
 - ALL PROPOSED LANDSCAPE VEGETATION WITHIN SITE DISTANCE TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30' TO 10' IN HEIGHT.



NOTE: REFERENCE NCDOT TIP PROJECT U-5729 FOR FUTURE CONSTRUCTION ALONG CAROLINA BEACH ROAD.



C:\projects\2021\1206_C3_05_Army\1206_C3_05_Army\1206_C3_05_Army.dwg (12/9/21) 11:35am by User

DRAINAGE AREA / IMPERVIOUS AREA

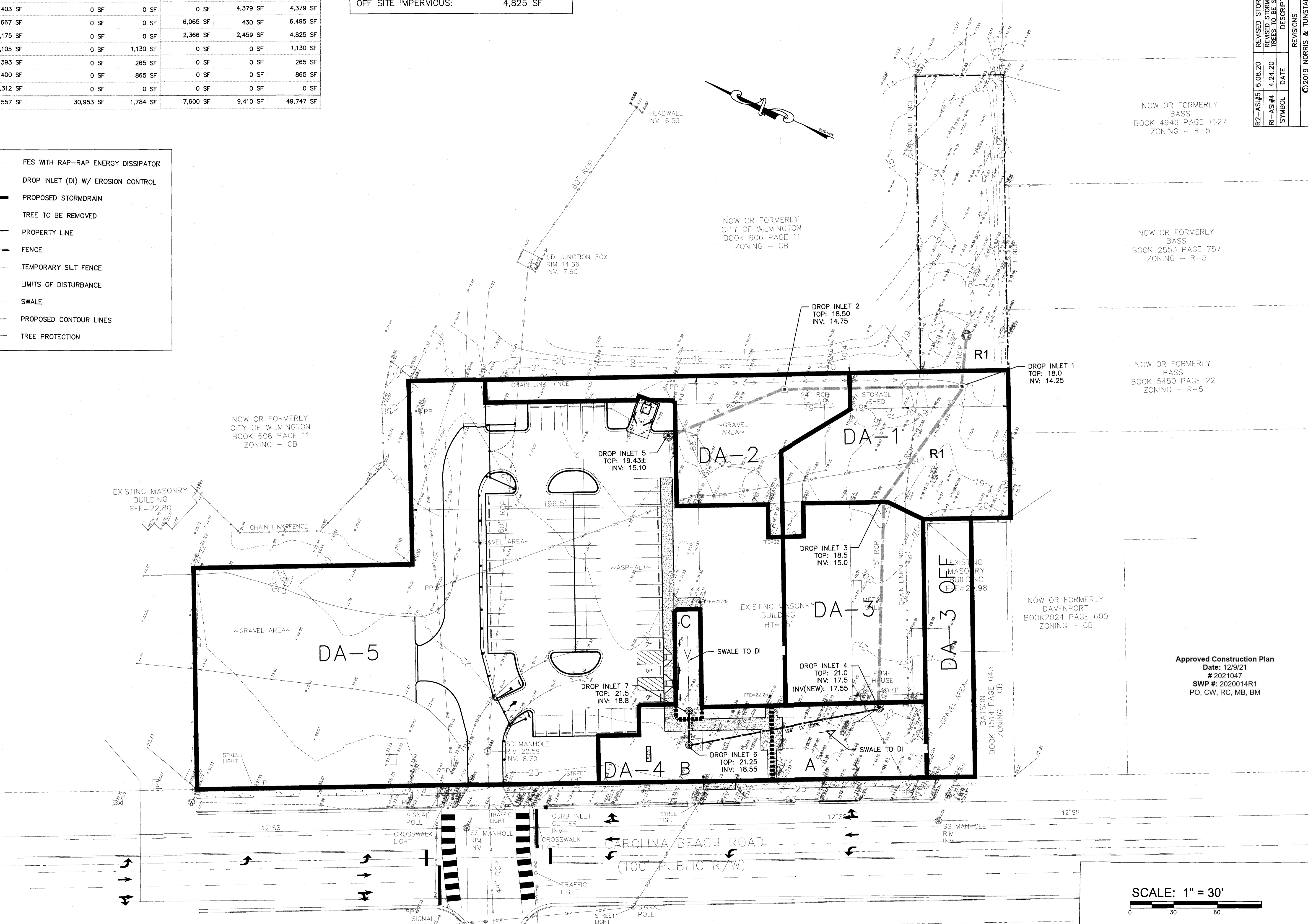
DRAINAGE AREA	TOTAL AREA	ASPHALT & C&G	CONCRETE	BUILDINGS	ABC STONE & GRAVEL	TOTAL IMP.
DA-1	13,152 SF	0 SF	0 SF	0 SF	1,003 SF	1,003 SF
DA-2	10,403 SF	0 SF	0 SF	0 SF	4,379 SF	4,379 SF
DA-3	12,667 SF	0 SF	0 SF	6,065 SF	430 SF	6,495 SF
DA-3 OFF SITE	5,175 SF	0 SF	0 SF	2,366 SF	2,459 SF	4,825 SF
DA-4 (TOTAL)	12,105 SF	0 SF	1,130 SF	0 SF	0 SF	1,130 SF
DA-4A	5,393 SF	0 SF	265 SF	0 SF	0 SF	265 SF
DA-4B	5,400 SF	0 SF	865 SF	0 SF	0 SF	865 SF
DA-4C	1,312 SF	0 SF	0 SF	0 SF	0 SF	0 SF
DA-5	76,557 SF	30,953 SF	1,784 SF	7,600 SF	9,410 SF	49,747 SF

IMPERVIOUS DATA

TOTAL IMPERVIOUS:	62,754 SF
TOTAL SITE AREA:	136,765 SF
PERCENT IMP.:	45.88%
OFF SITE IMPERVIOUS:	4,825 SF

LEGEND

- FES WITH RAP-RAP ENERGY DISSIPATOR
- DROP INLET (DI) W/ EROSION CONTROL
- PROPOSED STORM DRAIN
- TREE TO BE REMOVED
- PROPERTY LINE
- FENCE
- TEMPORARY SILT FENCE
- LIMITS OF DISTURBANCE
- SWALE
- PROPOSED CONTOUR LINES
- TREE PROTECTION



REVISED STORM DRAINAGE	REVISIONS
R2-ASI#5 6.08.20	REVISED STORM PIPES ADDED
R1-ASI#4 4.24.20	TREES TO BE SAVED
	DESCRIPTION
	DATE
	BY

OWNER/DEVELOPER
 STATE OF NORTH CAROLINA
 NC NATIONAL GUARD
 CONSTRUCTION & FACILITY
 MANAGEMENT OFFICE
 1636 GOLD STAR DR. SUITE 2800
 RALEIGH, NC 27607
 800-621-4136

NORRIS & TUNSTALL
 CONSULTING ENGINEERS P.C.
 1900 EASTWOOD RD., SUITE #11
 WILMINGTON, NC 28403
 PHONE (910) 343-9653

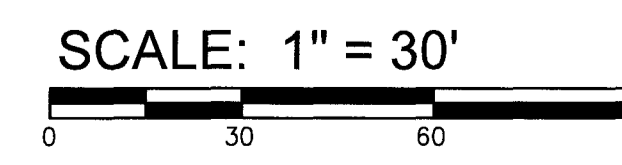
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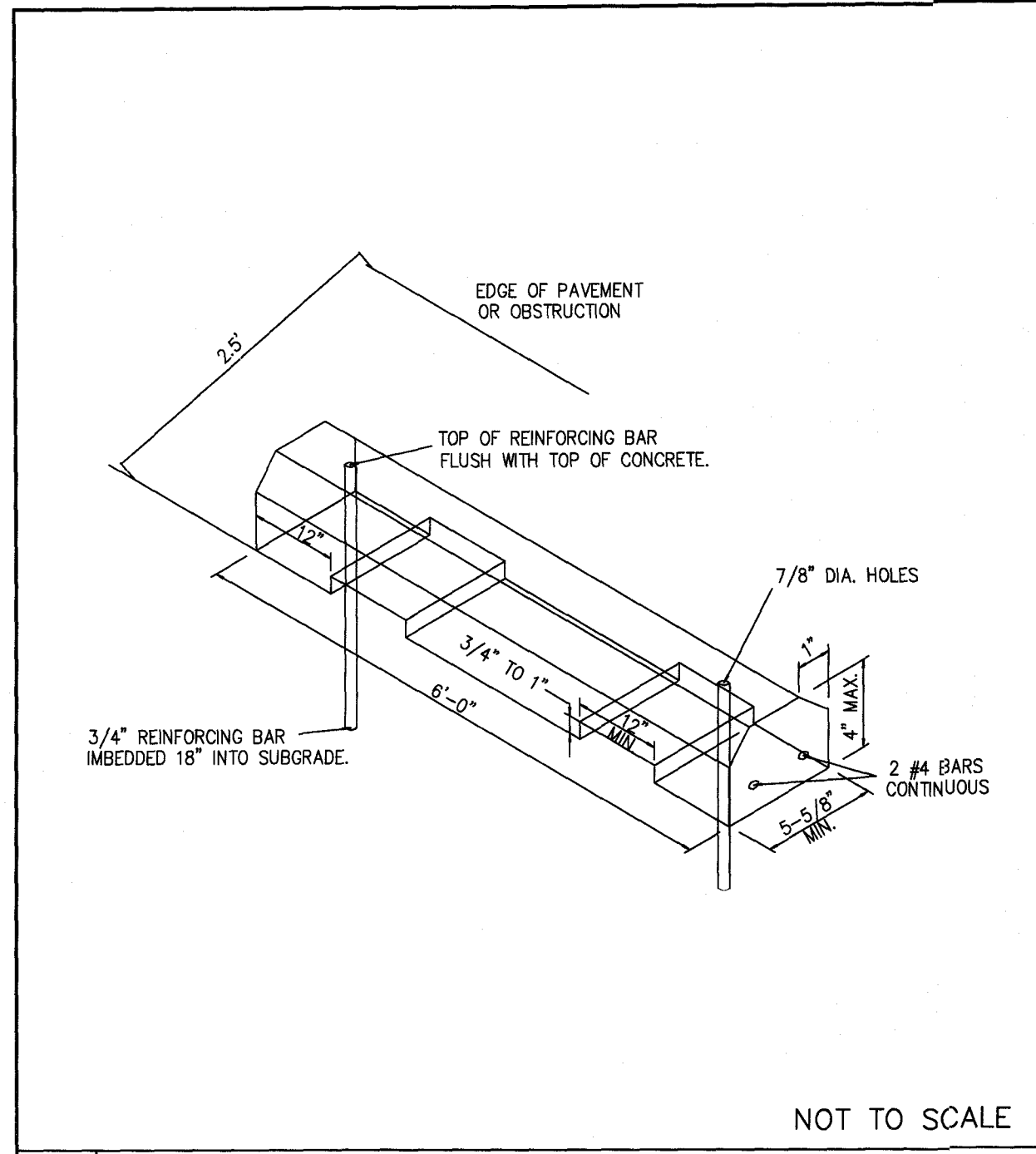
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 DRWN. RPH

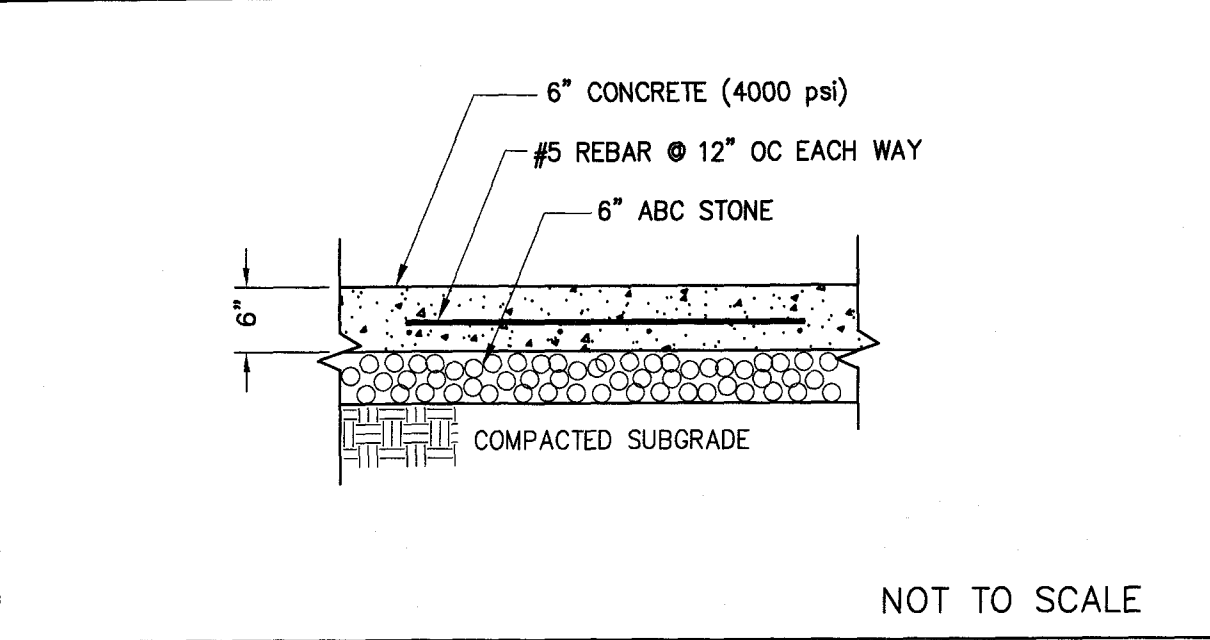
DATE 11/3/21

C4

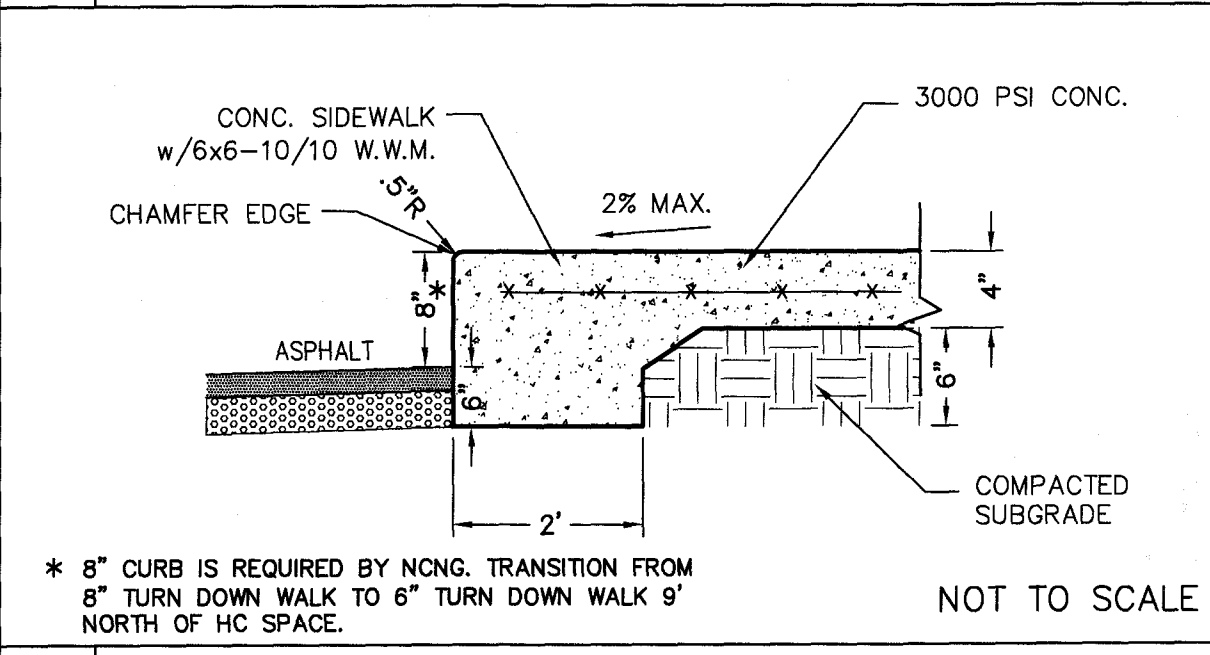




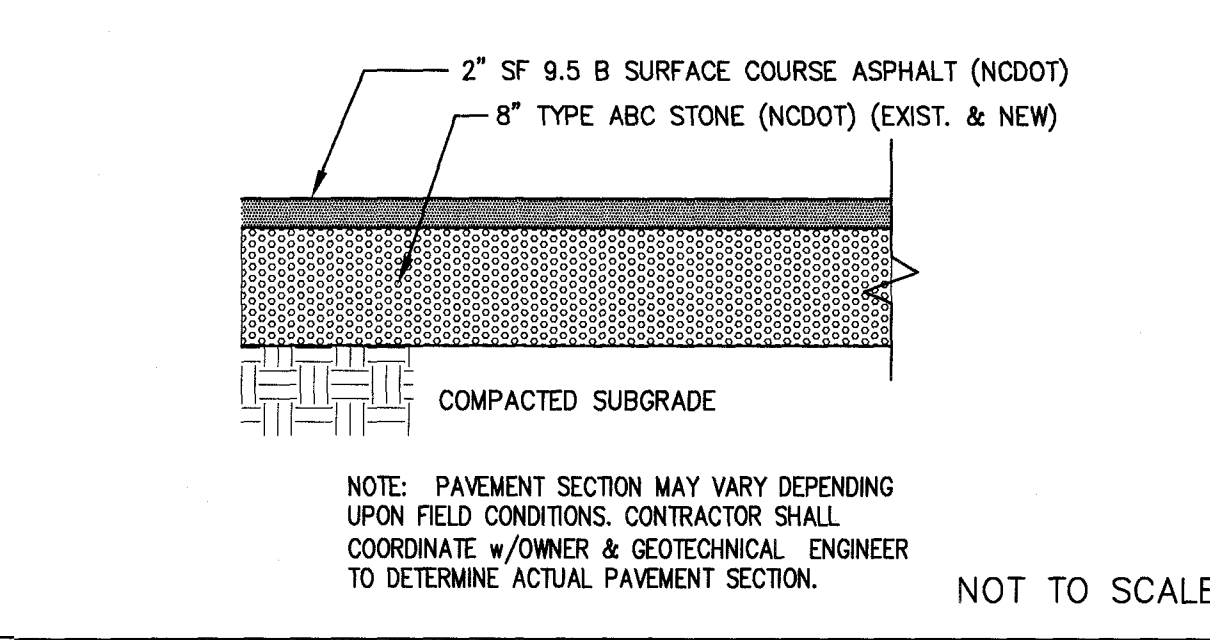
1 CONCRETE WHEEL STOP DETAIL



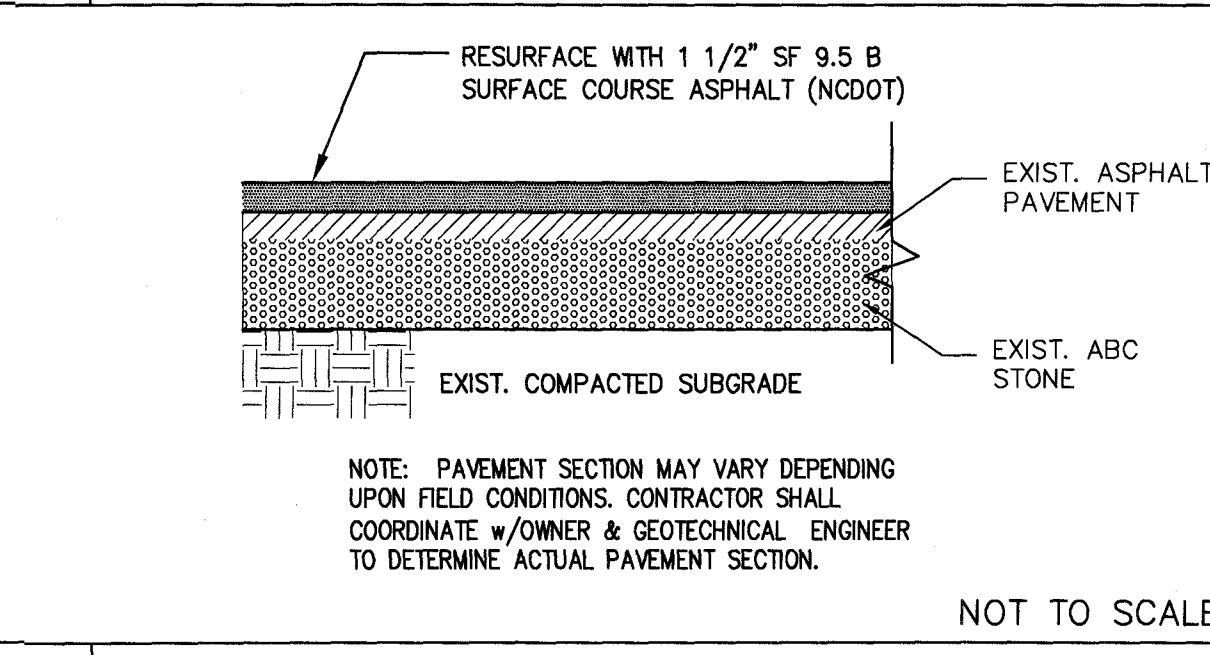
2 HEAVY DUTY CONCRETE PAVEMENT SECTION



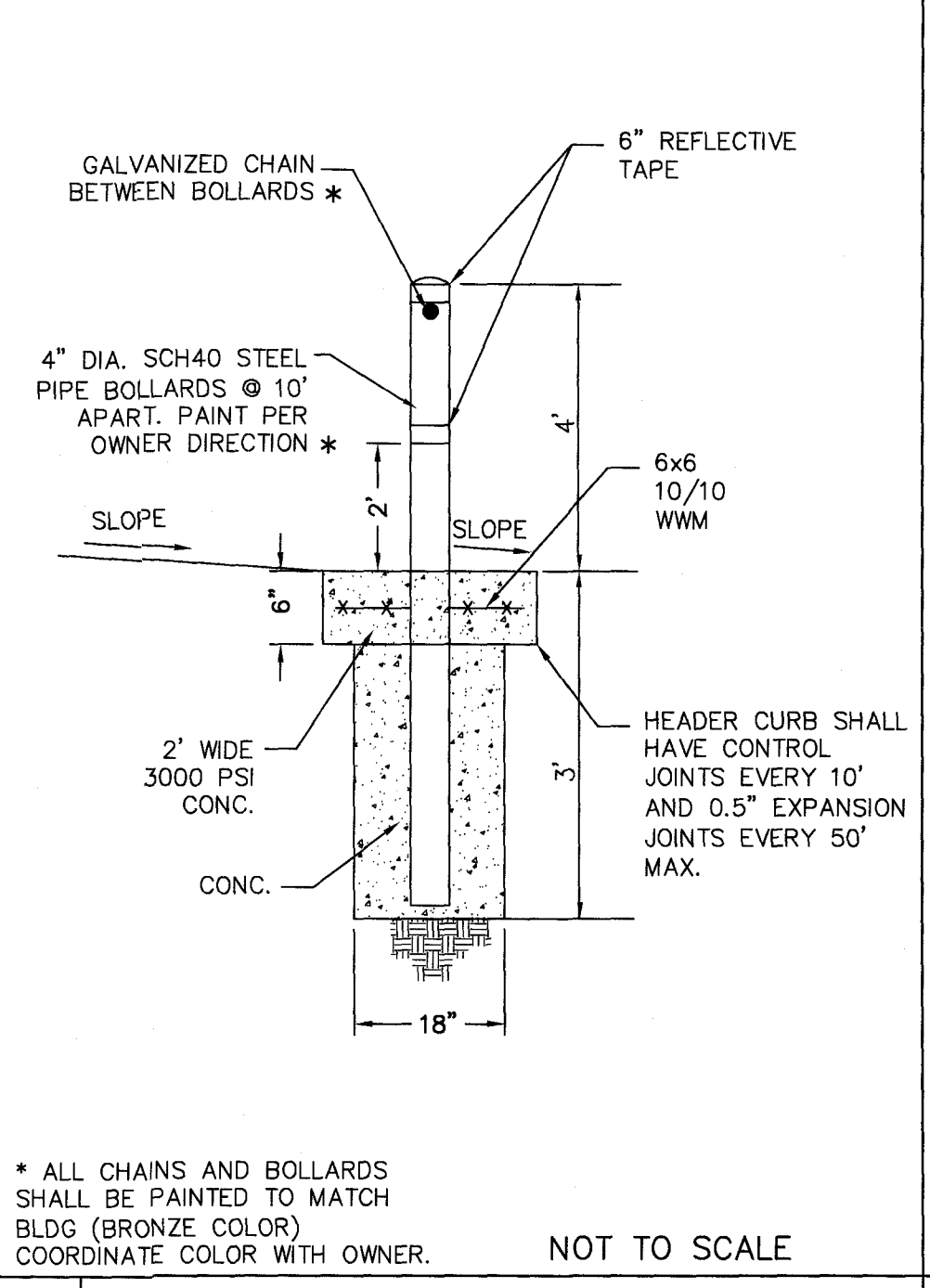
3 TURN DOWN WALK SECTION



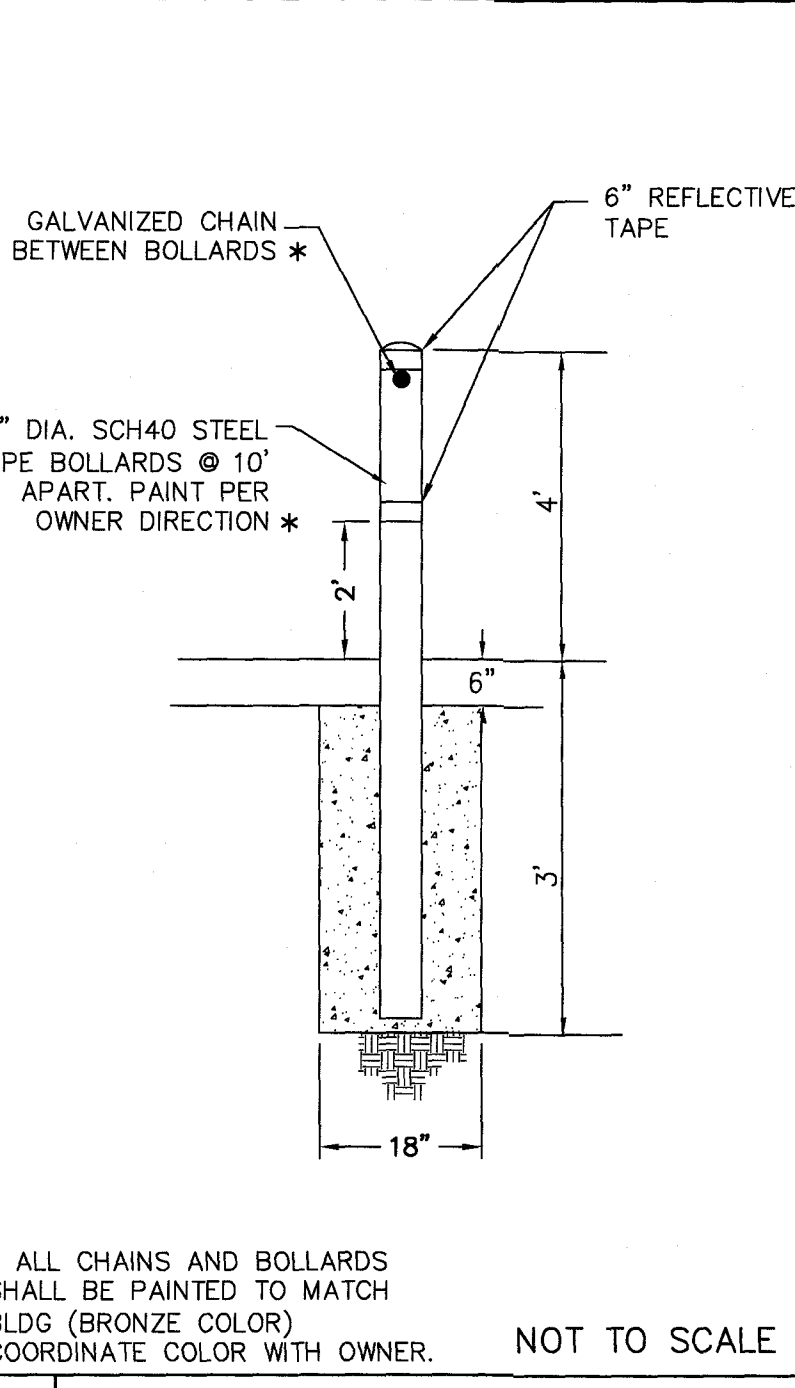
4A NEW ASPHALT SECTION



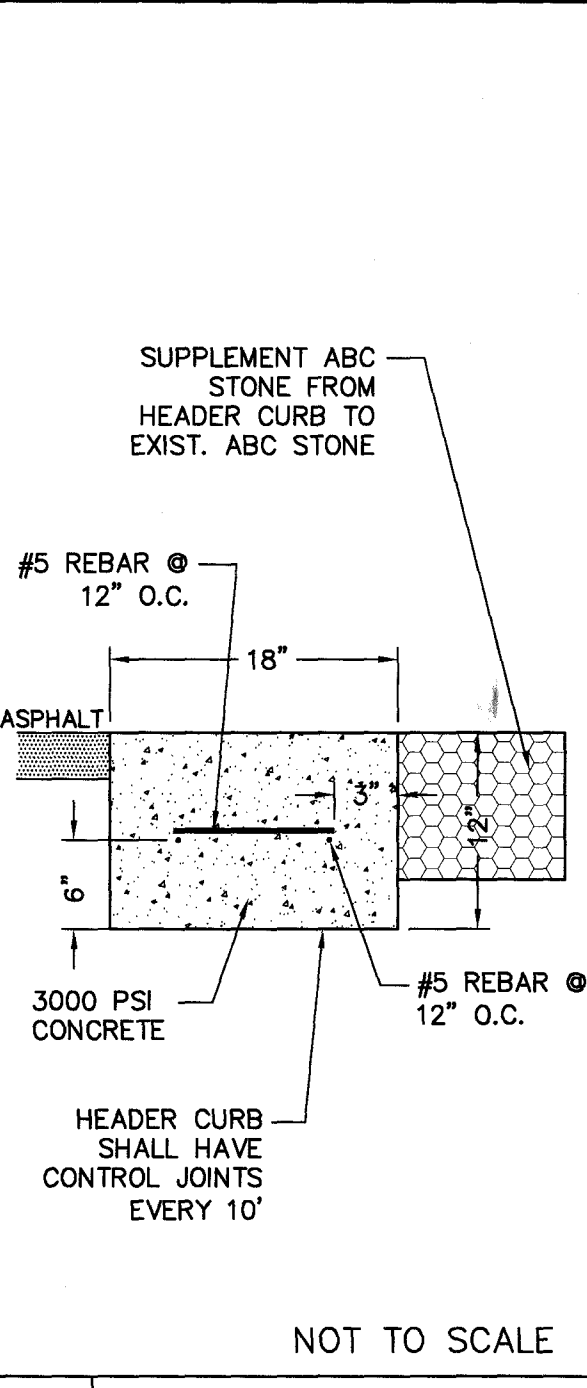
4B ASPHALT RESURFACE PAVEMENT SECTION



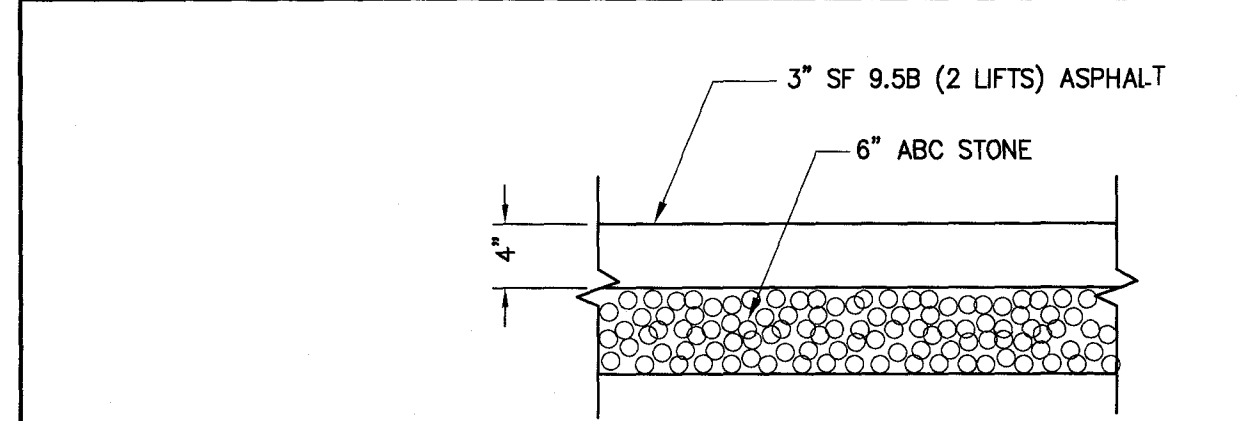
5 BOLLARDS WITH CHAIN WITHIN CONC. DETAIL



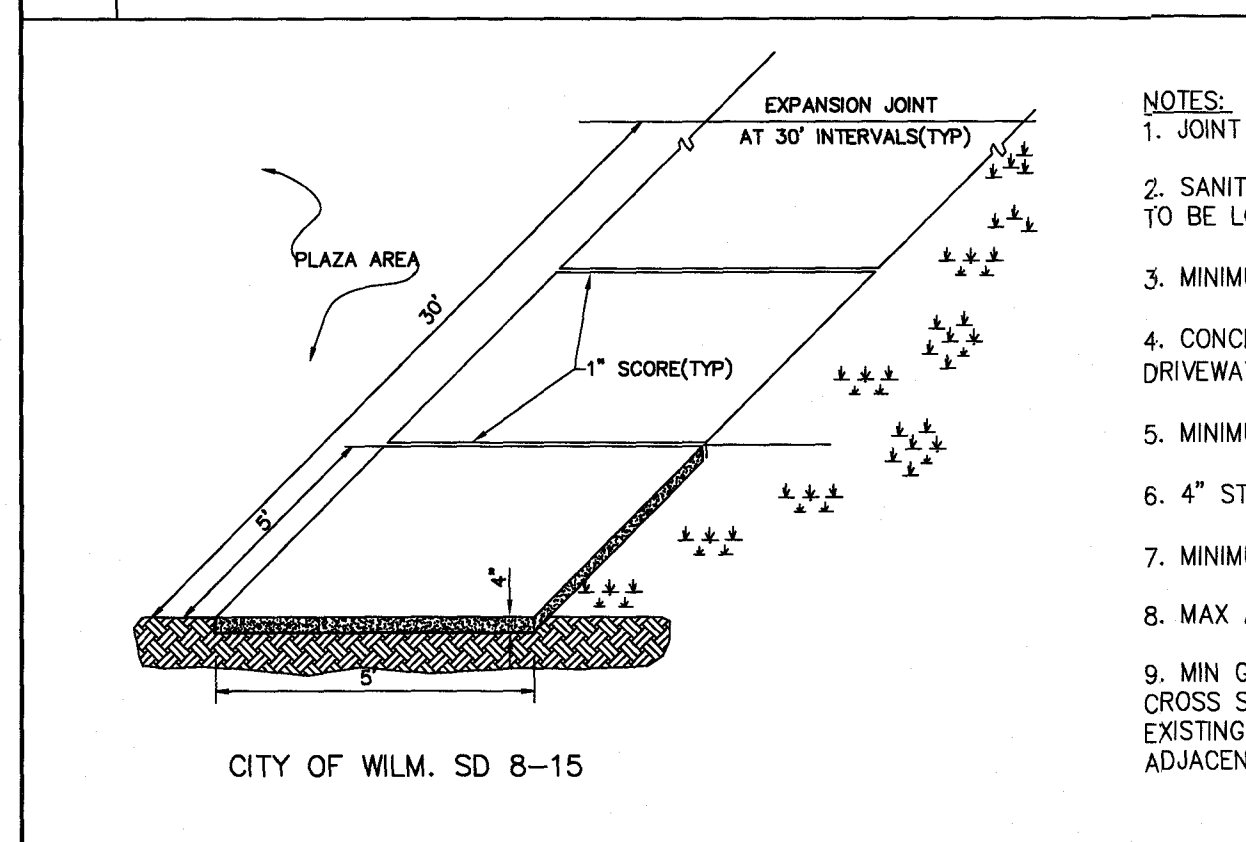
6 BOLLARDS WITH CHAIN DETAIL



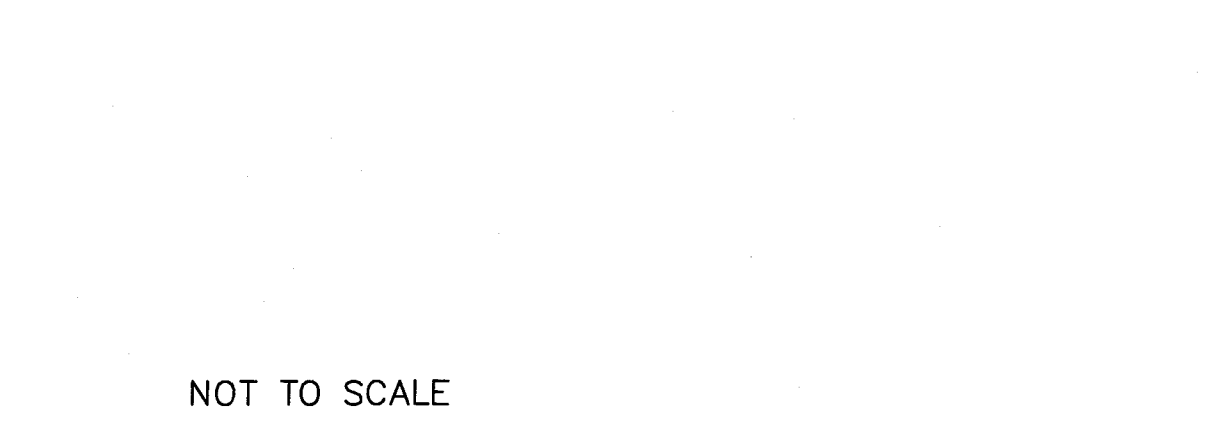
7 REINFORCED HEADER CURB DETAIL



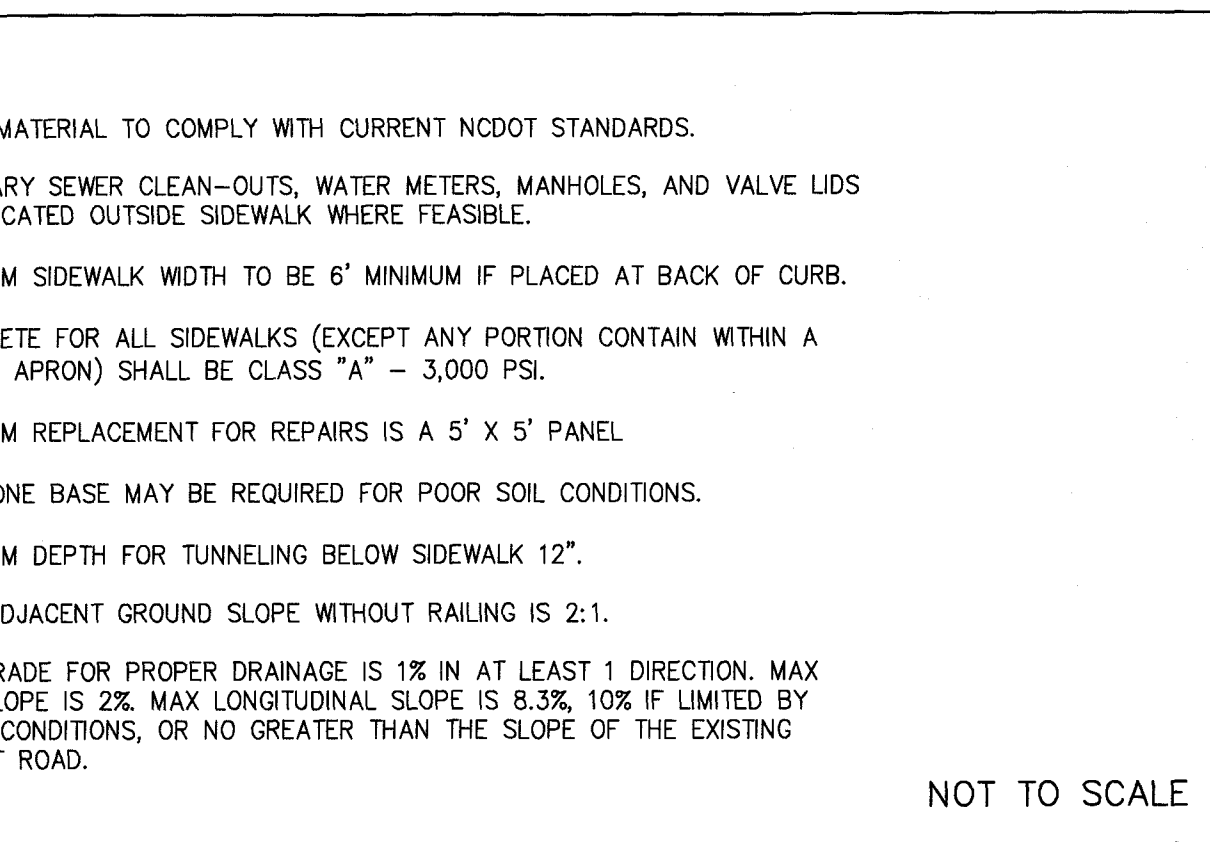
4C NCDOT REQUIRED PAVEMENT SECTION



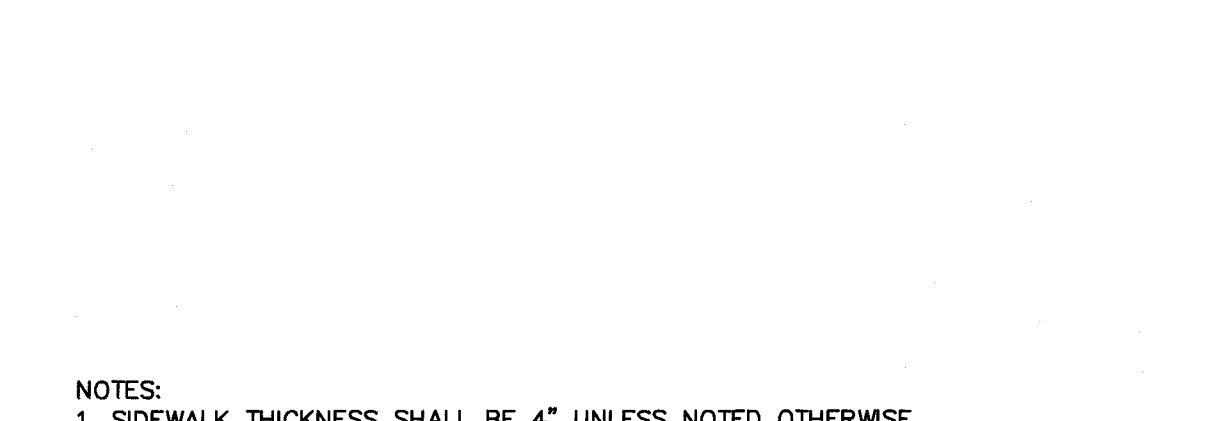
8 STANDARD SIDEWALK DETAIL



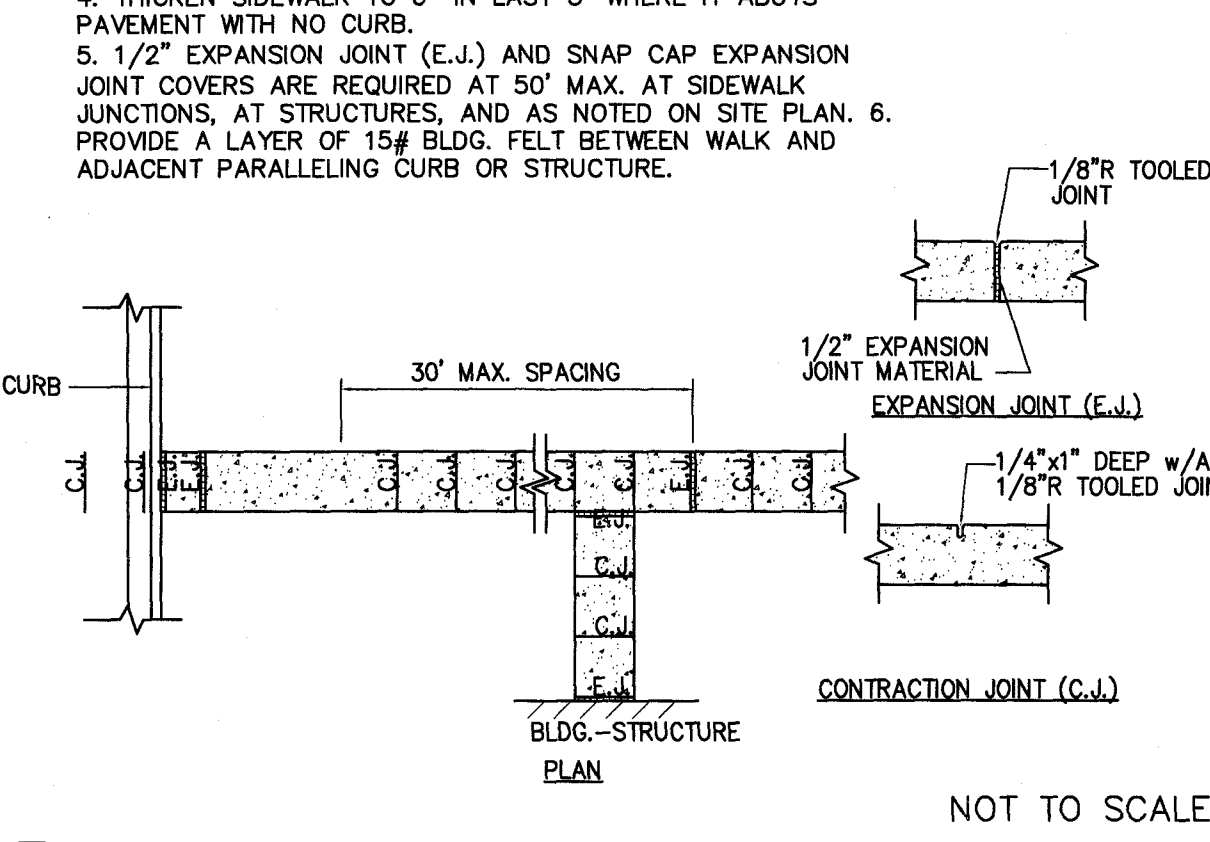
4B ASPHALT RESURFACE PAVEMENT SECTION



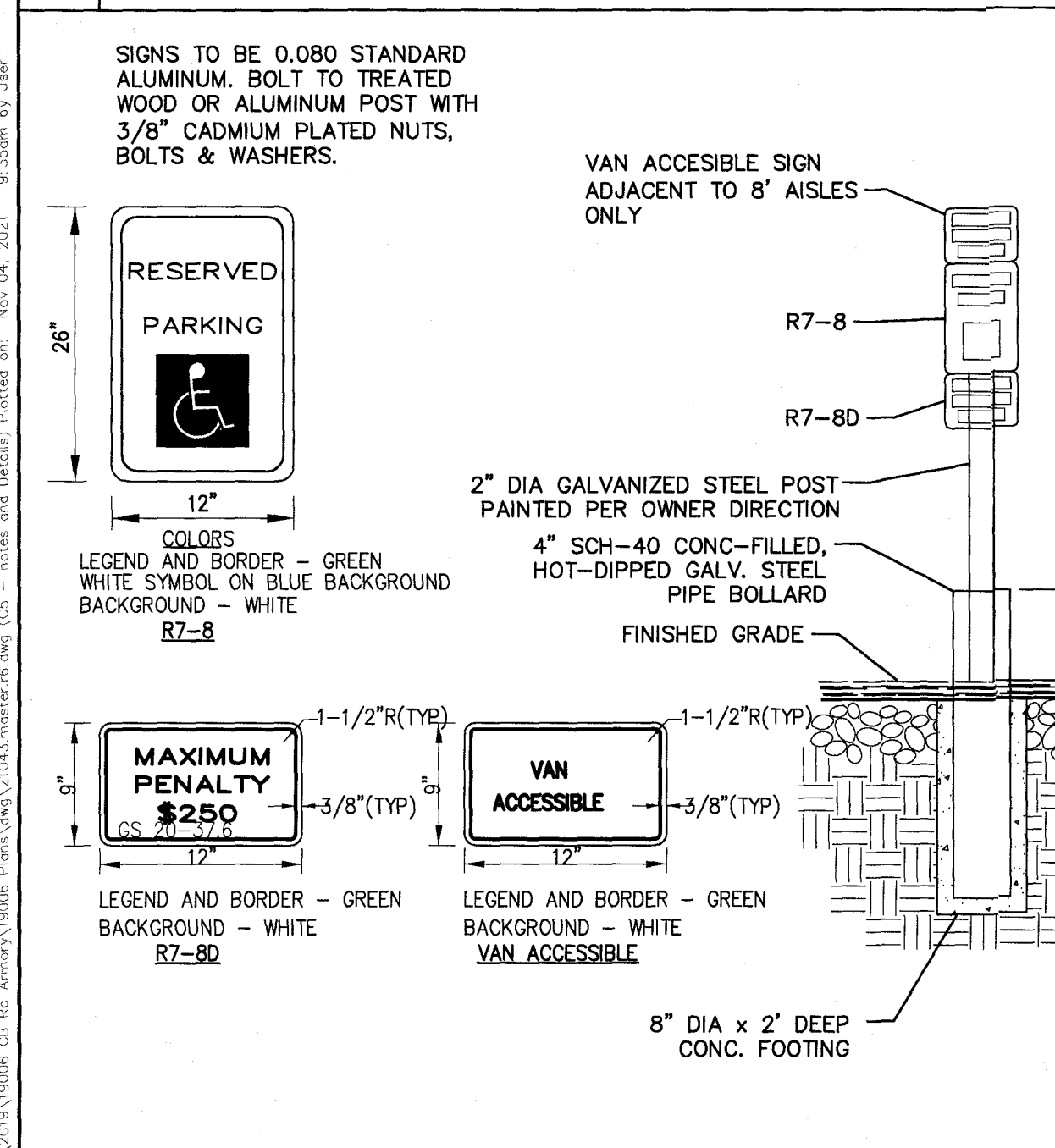
9 SIDEWALK JOINT DETAIL



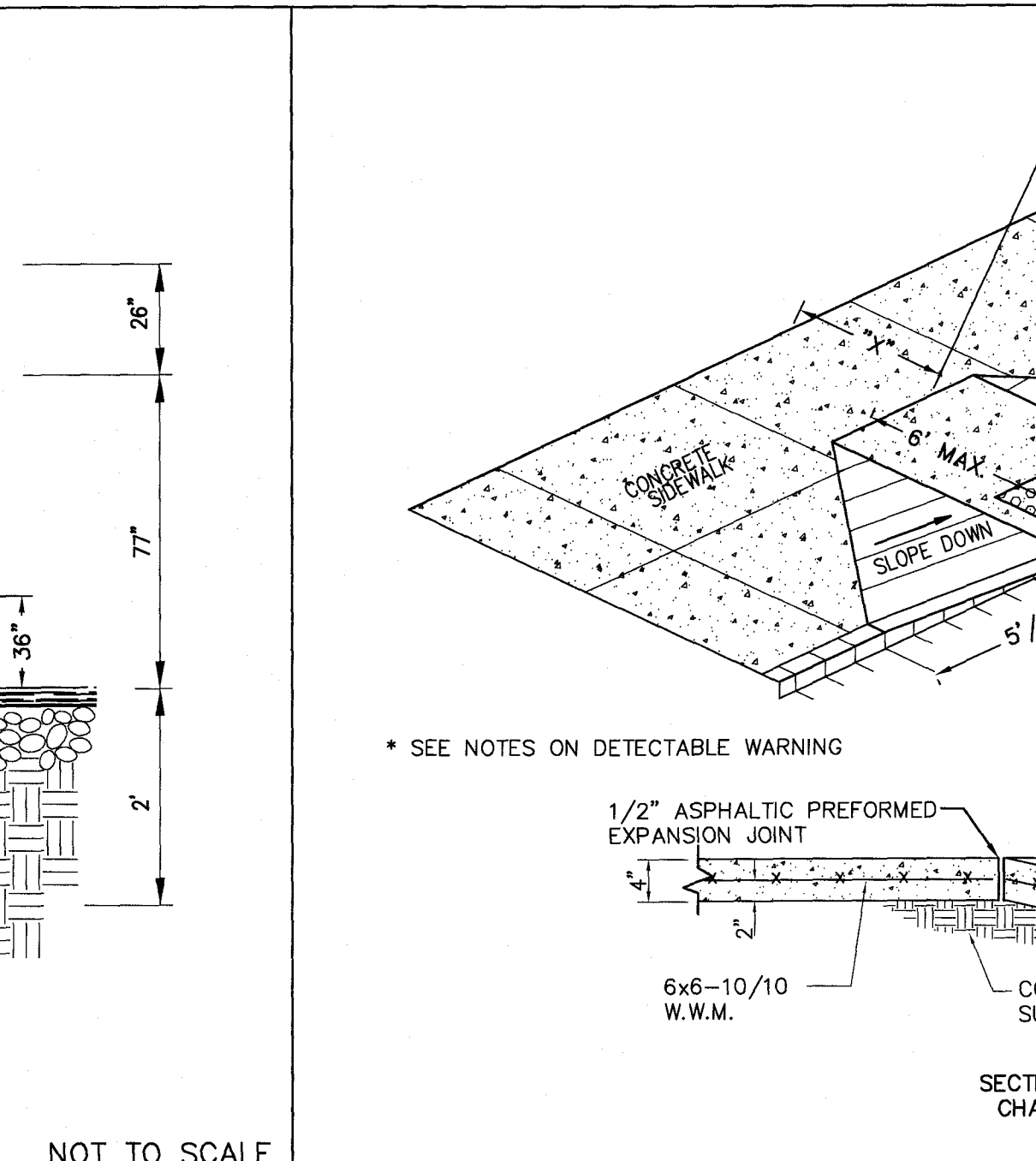
10 24" CURB AND GUTTER SECTION (SPILL-OFF)



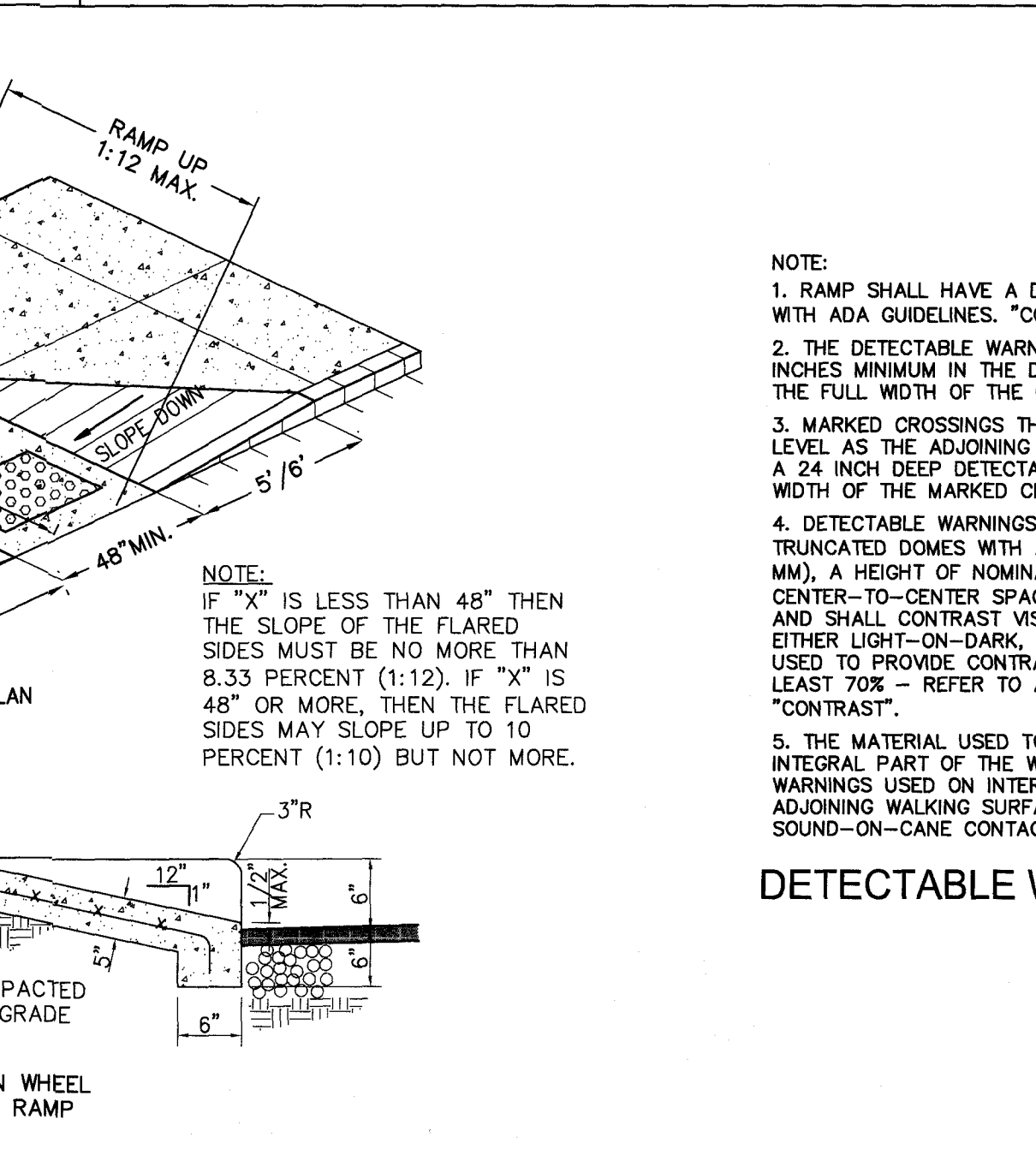
11 24" CURB AND GUTTER SECTION (FLOW-LINE)



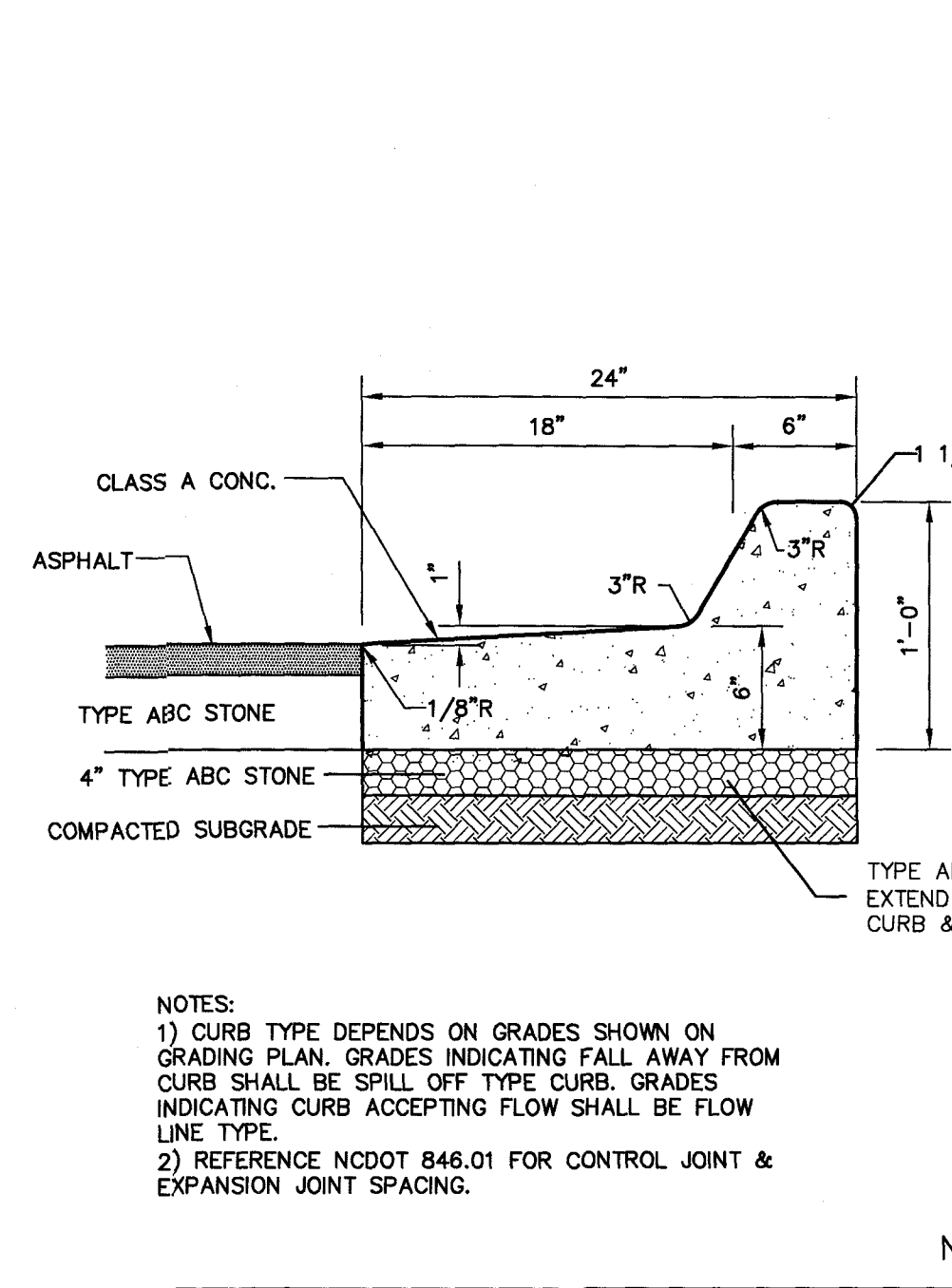
12 TYPICAL HANDICAPPED SIGN DETAIL



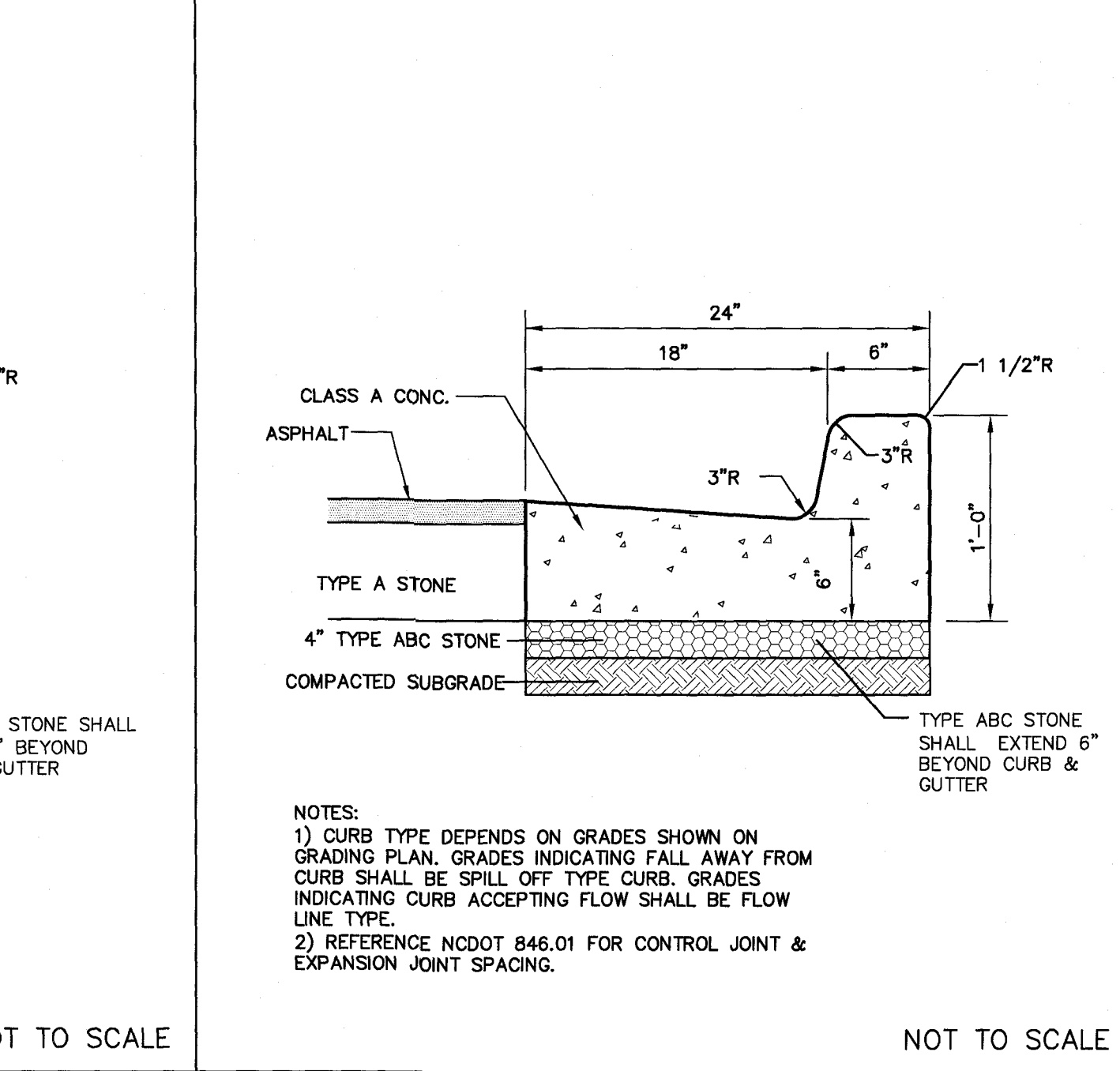
13 SIDEWALK, CURB CUT AND WHEEL CHAIR RAMP DETAIL



DETECTABLE WARNING NOTES



SITE WORK NOTES:



C.O.W. STANDARD NOTES:

NOTES AND DETAILS
NATIONAL GUARD ARMORY
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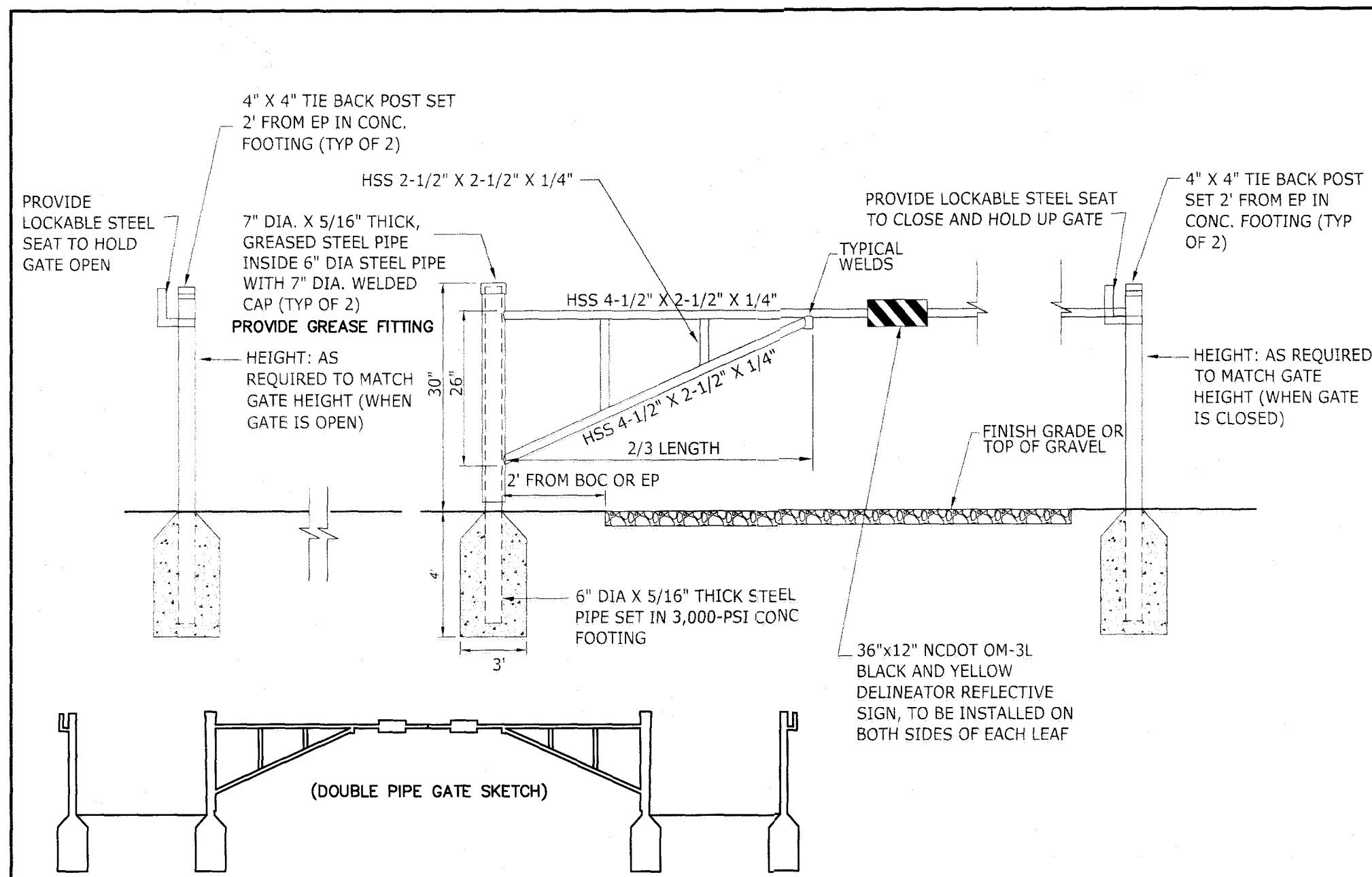
OWNER/DEVELOPER
 STATE OF NORTH CAROLINA
 NC NATIONAL GUARD
 CONSTRUCTION & FACILITY
 MANAGEMENT OFFICE
 1636 GOLD STAR DR. SUITE 2600
 RALEIGH, NC 27607
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 DATE 11/3/21

Approved Construction Plan
 Date: 12/9/21
 # 2021047
 SWP #: 2020014R1
 P.O., C.W., R.C., M.B., B.M.

C5



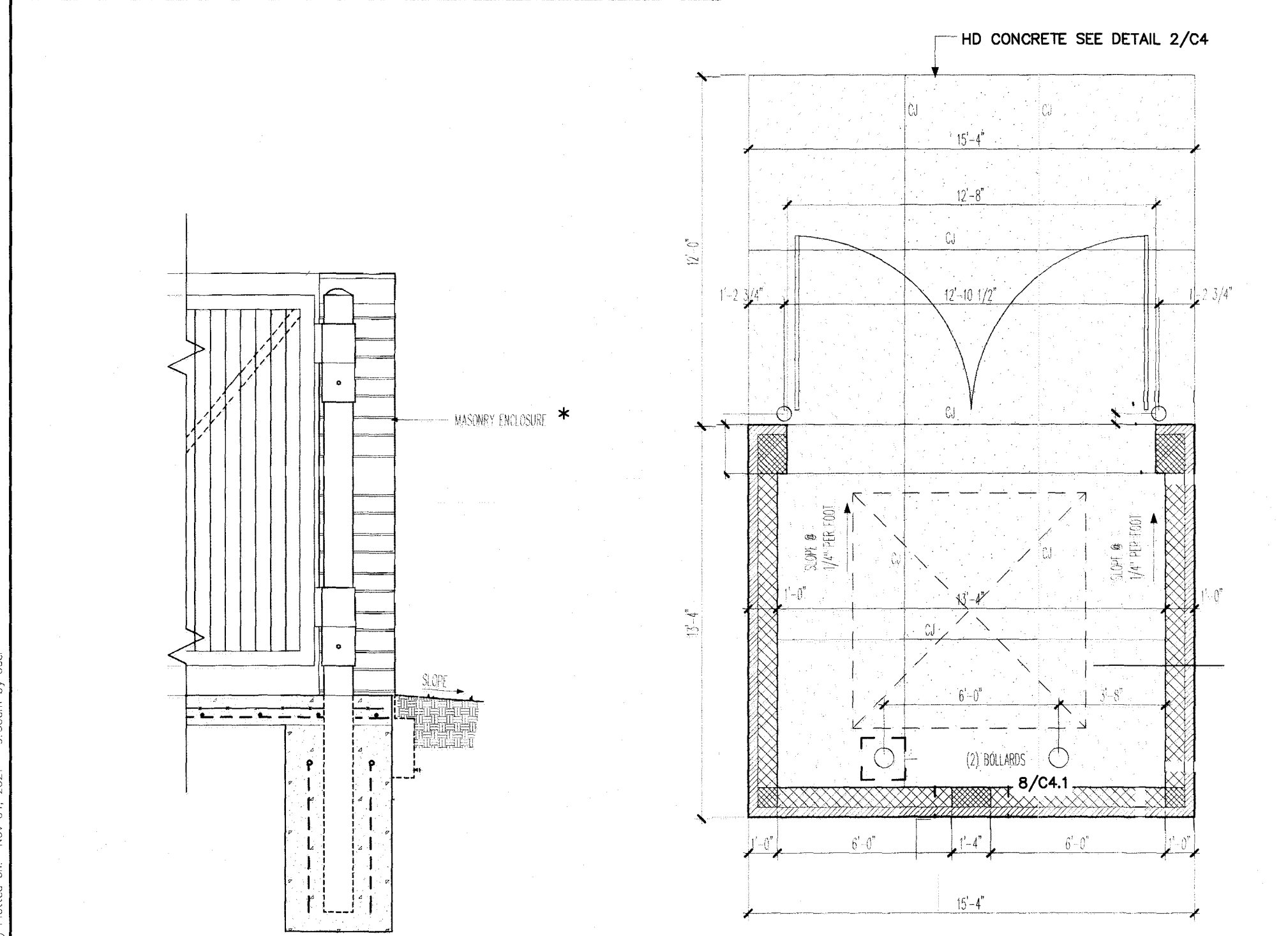
NOTES

1. ALL STEEL SHALL BE HOT-DIPPED GALVANIZED AND EPOXY PAINTED.
2. SUBMIT SHOP DRAWING FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND ASSEMBLY.
3. CONTRACTOR SHALL CONTRACT OUT DIMENSIONS OF PIPES FOR STRUCTURAL SUPPORT.
4. ALL GATES SHALL HAVE 8' OF CONCRETE JERSEY BARRIER ON EITHER SIDE OF GATE POST. (SEE NCDOT SPECIFICATION FOR JERSEY BARRIERS)

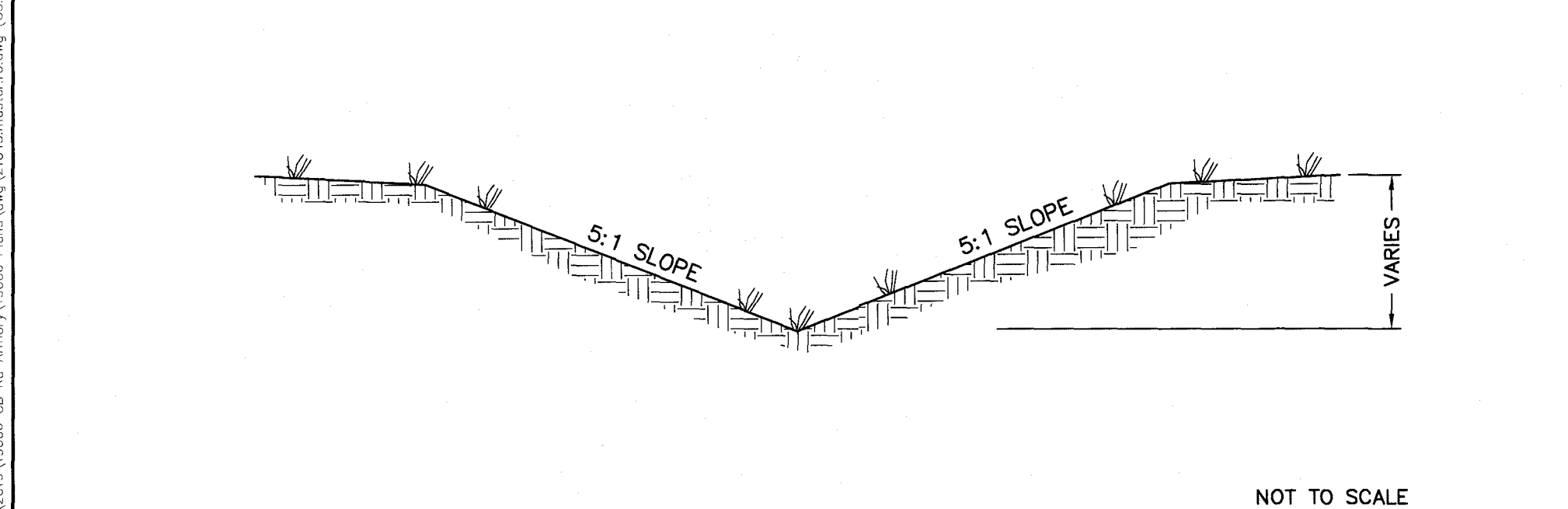
PAINTING SPECIFICATIONS:

1. MANUFACTURER: TNEPEC COMPANY, INC.; CARY, NC (919-859-3737)
2. SYSTEM TYPE: EPOXY-POLYURETHANE
3. SURFACE PREPARATION: SSPV-SPI AND BRUSH OFF BLAST CLEAN
4. PRIMER: SERIES 27 (FIELD-COATED) TYPOXY OR 69 HI-BUILD EPOXOLINE
5. FINISH PAINT: SERIES 73 ENDURA-SHIELD, SEMI-GLOSS, COLOR: BRONZE TO MATCH BLDG. COORDINATE W/ NONG ARMORY.

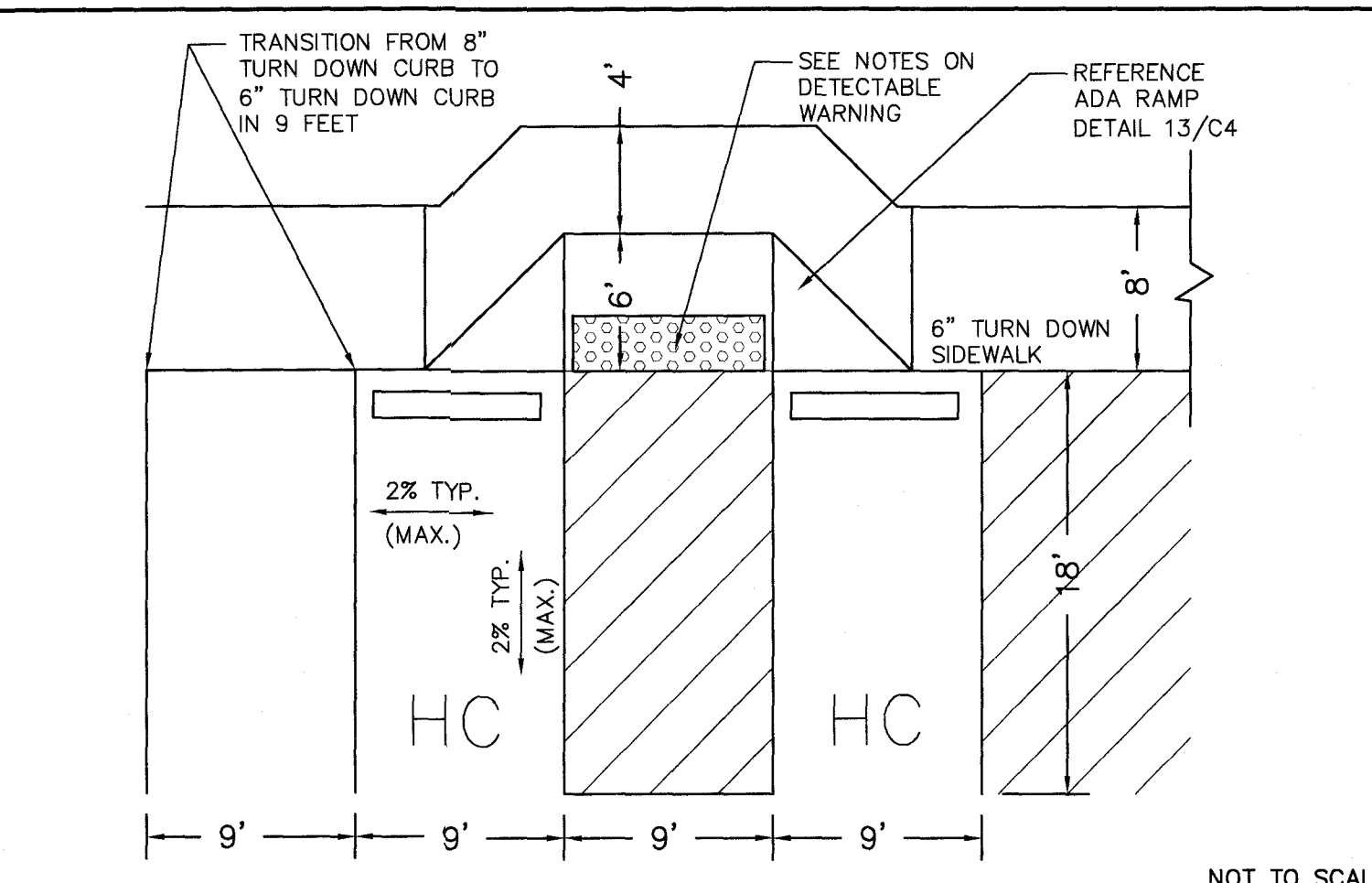
DOUBLE PIPE GATE (SEE SKETCH ABOVE) DETAIL 1 N.T.S.



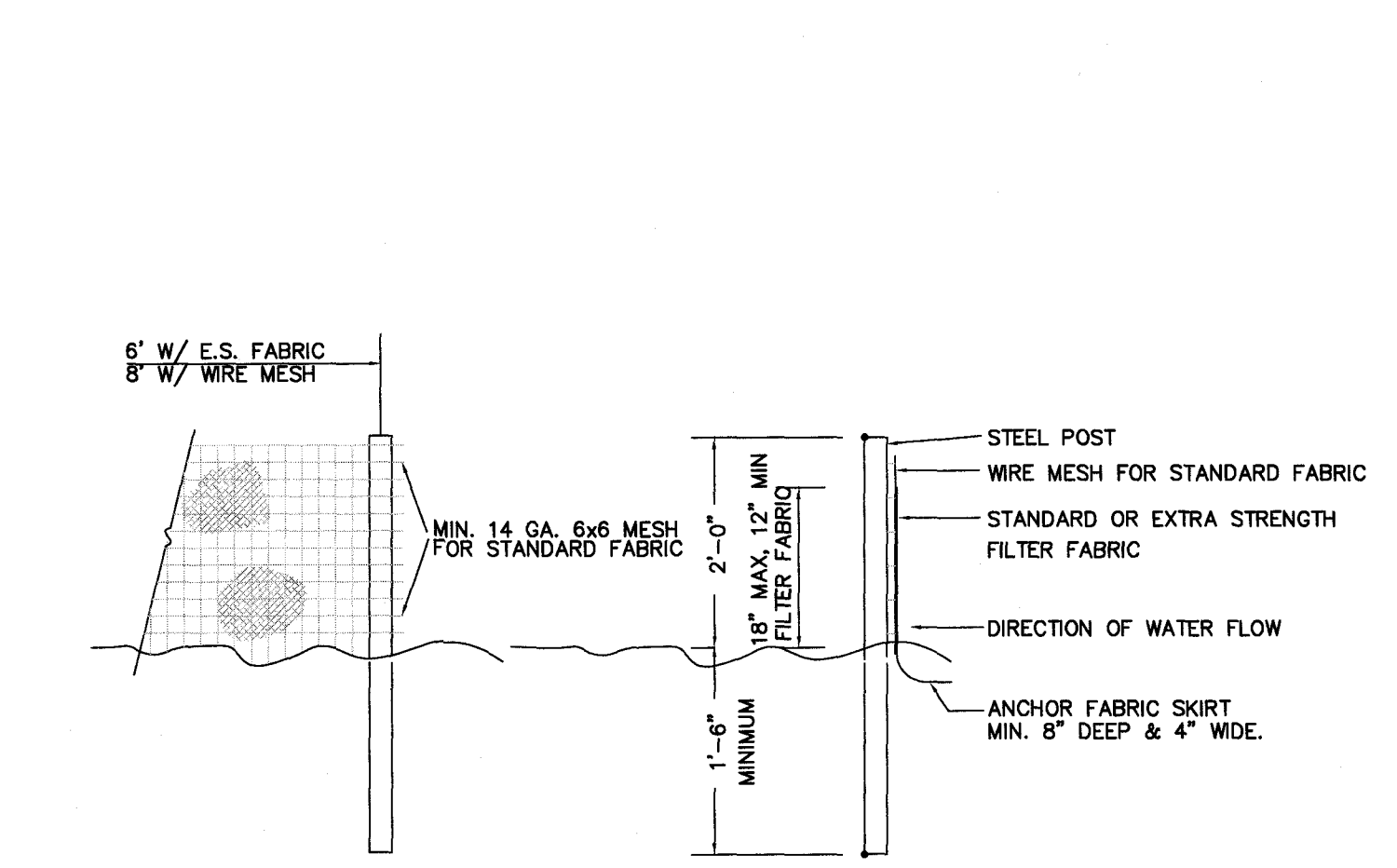
2 DUMPSTER GATE POST ELEVATION*
 1/2" = 1'-0"
 * SEE ARCHITECTURAL PLANS FOR DUMPSTER SCREEN WALL DESIGN. VERIFY ALL DIMENSIONS.



4 TYPICAL GRASS SWALE
 NOT TO SCALE



3 SIDEWALK, CURB CUT AND WHEEL CHAIR RAMP DETAIL
 NOT TO SCALE

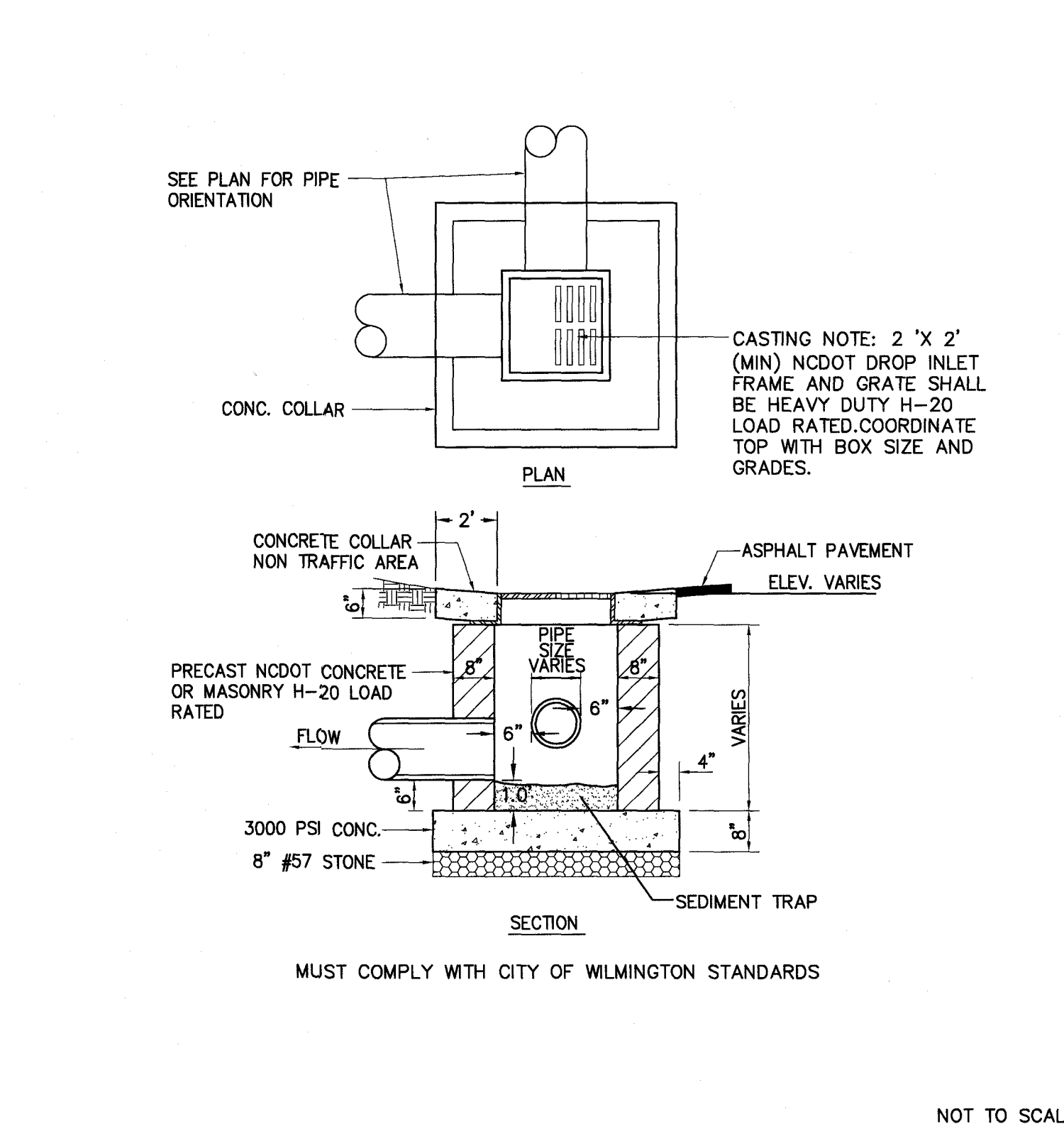


NOTES:

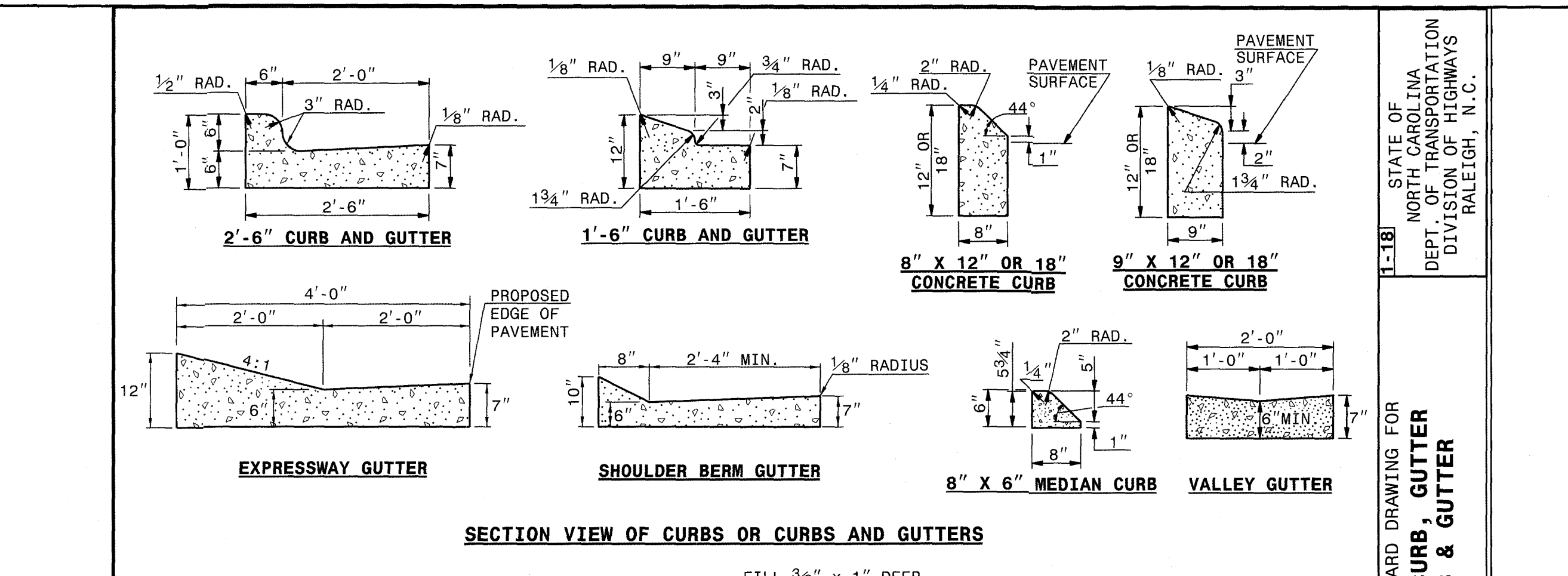
1. SYN. FENCE FABRIC SHALL BE MIN. OF 30\"/>
2. FABRIC SHALL BE CONTINUOUS LENGTH. IF JOINTS ARE NECESSARY, LAP FABRIC POST TO POST.
3. STEEL POST SHALL BE MIN 4\"/>

NOT TO SCALE

5 TEMPORARY SILT FENCE



6 DROP INLET DETAIL
 NOT TO SCALE



SECTION VIEW OF CURBS OR CURBS AND GUTTERS

GENERAL NOTES:

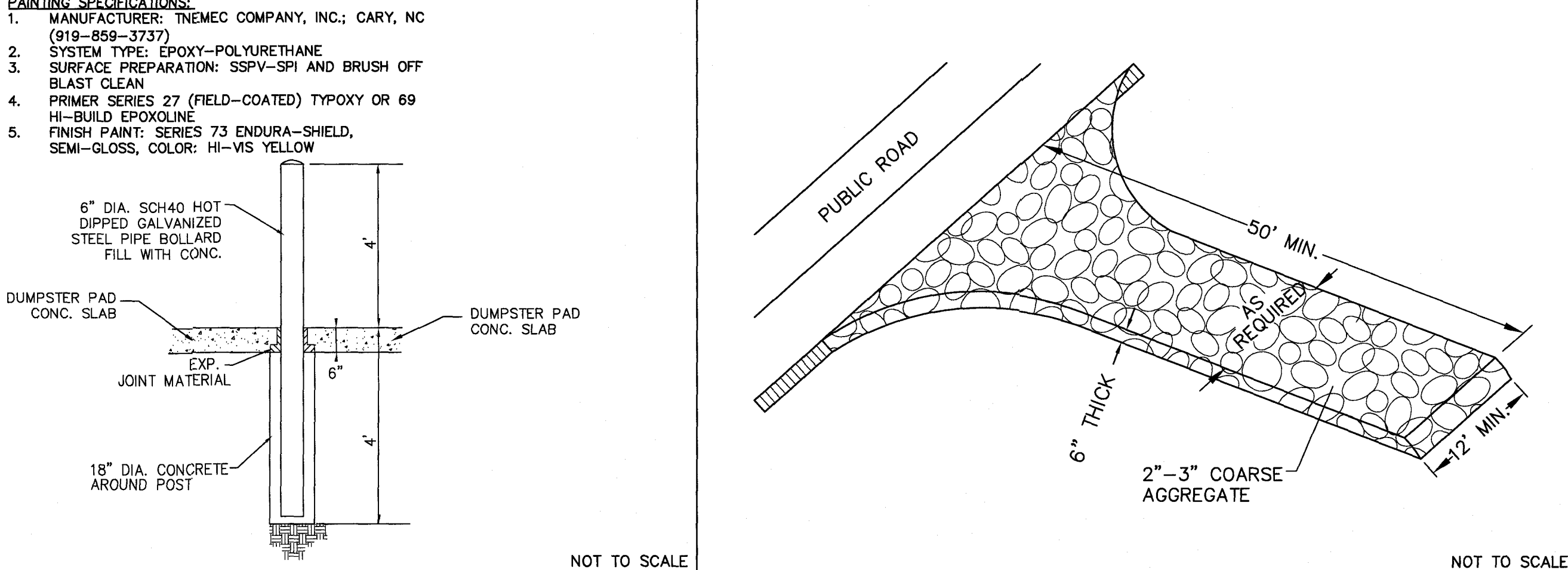
- PLACE CONTRACTION JOINTS AT 10' INTERVALS, EXCEPT THAT A 15' SPACING MAY BE USED WHEN A MACHINE IS USED OR WHEN SATISFACTORY SUPPORT FOR THE FACE FORM CAN BE OBTAINED WITHOUT THE USE OF TEMPLATES AT 10' INTERVALS.
- JOINT SPACING MAY BE ALTERED IF REQUIRED BY THE ENGINEER.
- CONTRACTION JOINTS MAY BE INSTALLED WITH THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS.
- CONSTRUCT NON-TEMPLATE FORMED JOINTS A MIN. OF 1 1/2\"/>

SECTION VIEW OF JOINTS

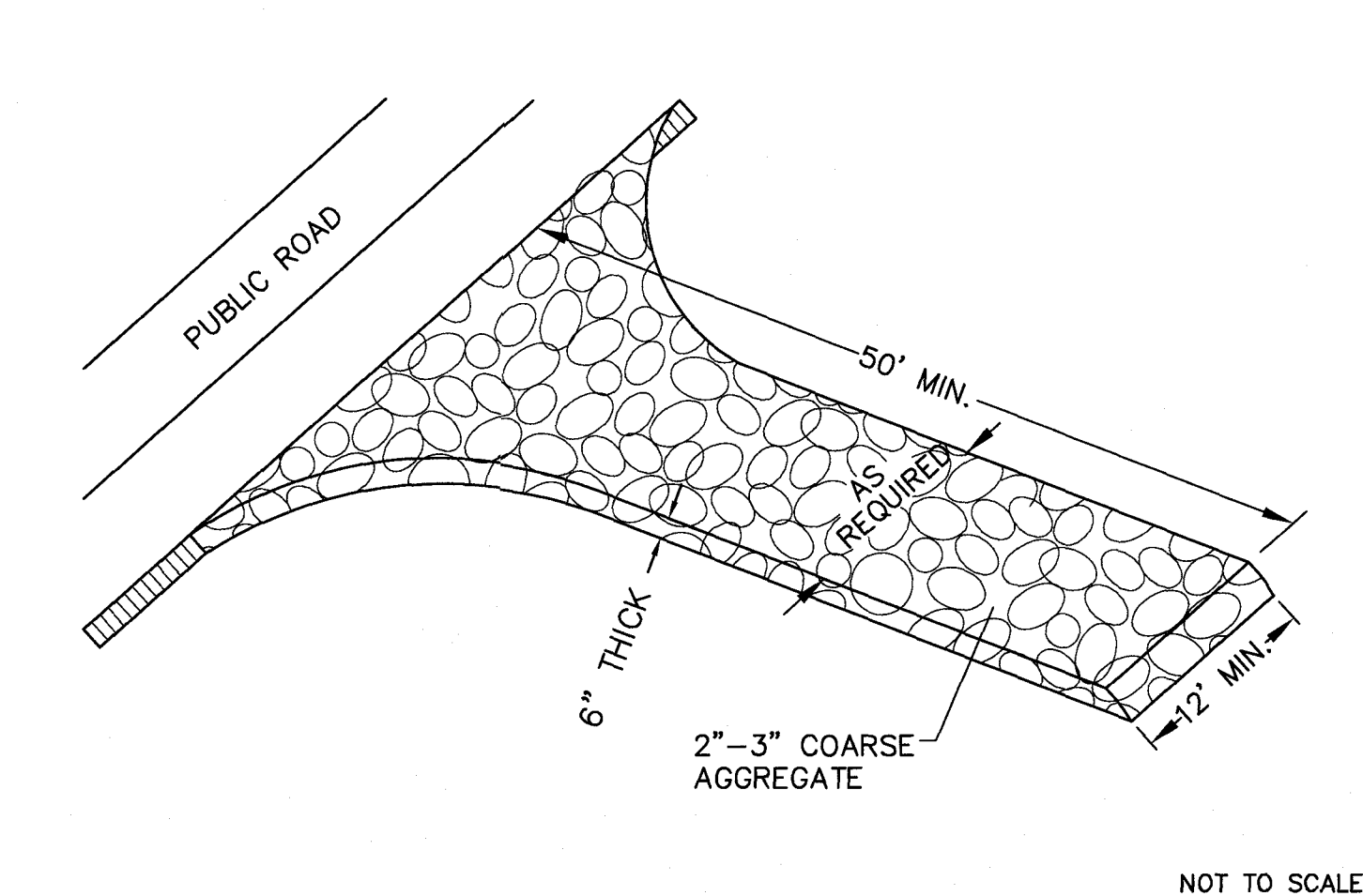
LONGITUDINAL JOINT

TRANSVERSE EXPANSION JOINT IN CURB AND GUTTER

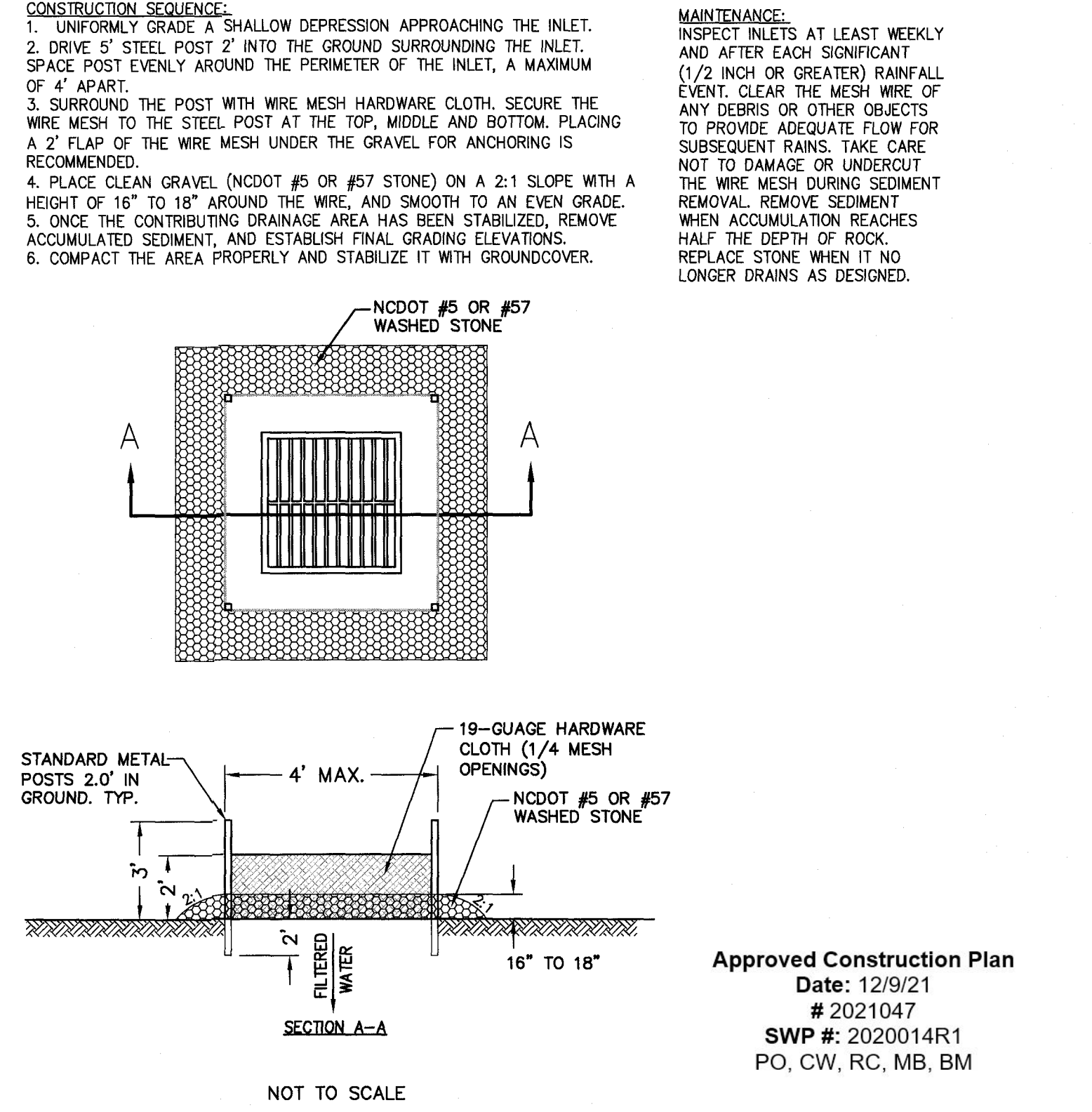
7 NCDOT 30\"/>



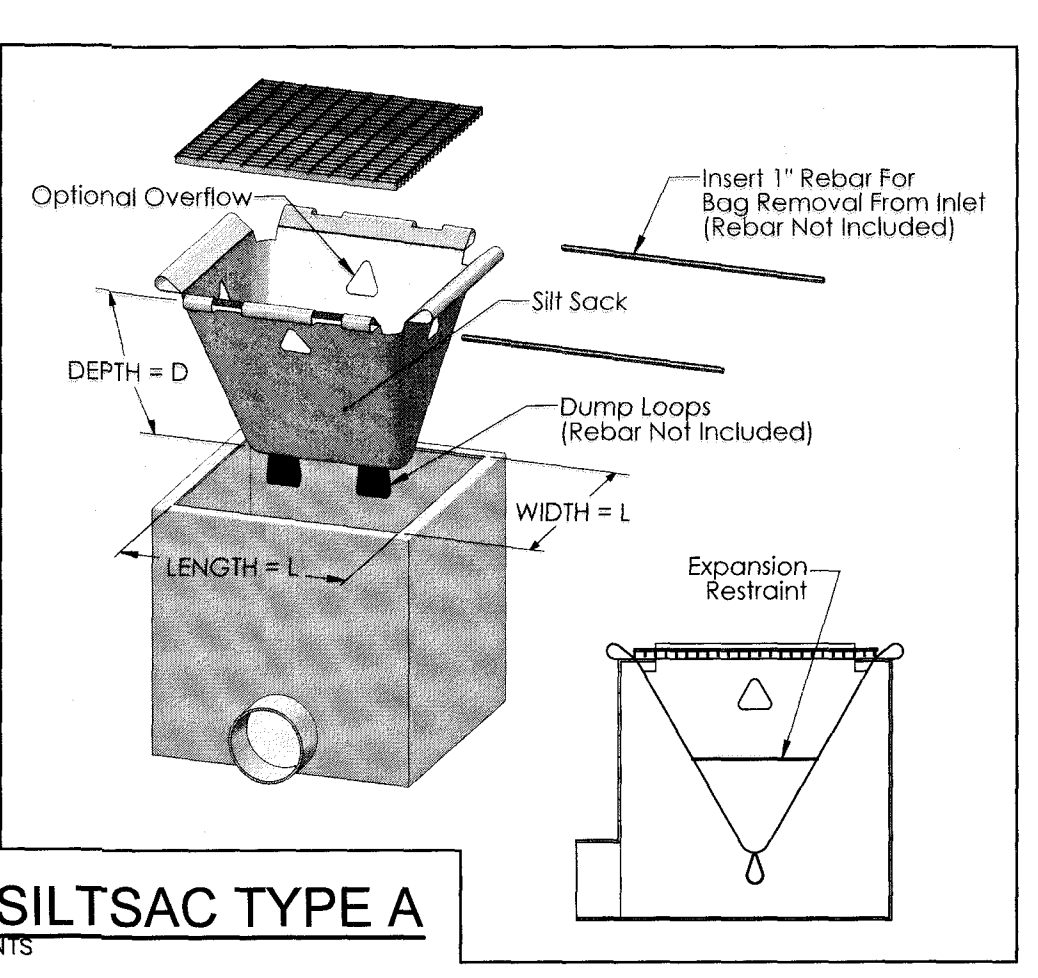
8 PIPE BOLLARD DETAIL
 NOT TO SCALE



9 TEMPORARY GRAVELLED CONSTRUCTION ENTRANCE
 NOT TO SCALE



10 HARDWARE CLOTH AND GRAVEL INLET PROTECTION
 NOT TO SCALE



SILTSACK TYPE A

NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THE OPENING SIZE OF THE EXISTING OR PROPOSED CATCH BASIN OR DROP INLET. THE SILTSACK WILL BE MANUFACTURED TO FIT THE OPENING OF THE EXISTING OR PROPOSED CATCH BASIN OR DROP INLET.
2. TO INSTALL THE SILTSACK IN THE CATCH BASIN, REMOVE THE GRATE AND PLACE THE SACK IN THE OPENING. HOLD OUT APPROXIMATELY SIX INCHES OF THE SACK OUTSIDE THE FRAME. THIS IS THE AREA OF THE LIFTING STRAPS. REPLACE THE GRATE TO HOLD THE SACK IN PLACE.
3. THE SILTSACK IS FULL AND SHOULD BE EMPTIED WHEN THE RESTRAINT CORD IS NO LONGER VISIBLE.
4. TO REMOVE THE SILTSACK, TAKE TWO PIECES OF 1\"/>

11 SILT SACK NOTES

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

ROADWAY STANDARD DRAWING FOR
**CONCRETE CURB, GUTTER
 AND CURB & GUTTER**

SHEET 1 OF 3
846.01

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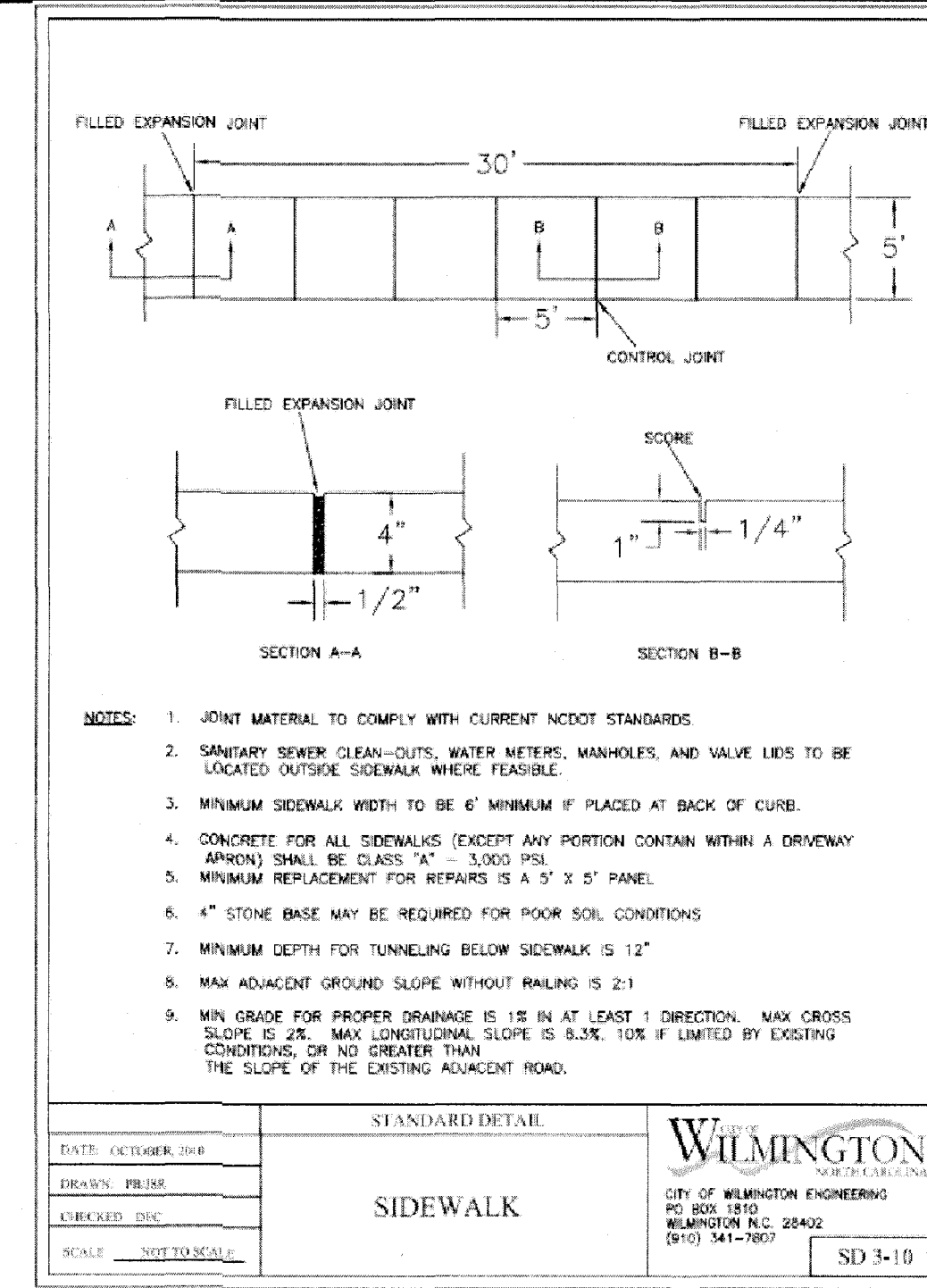
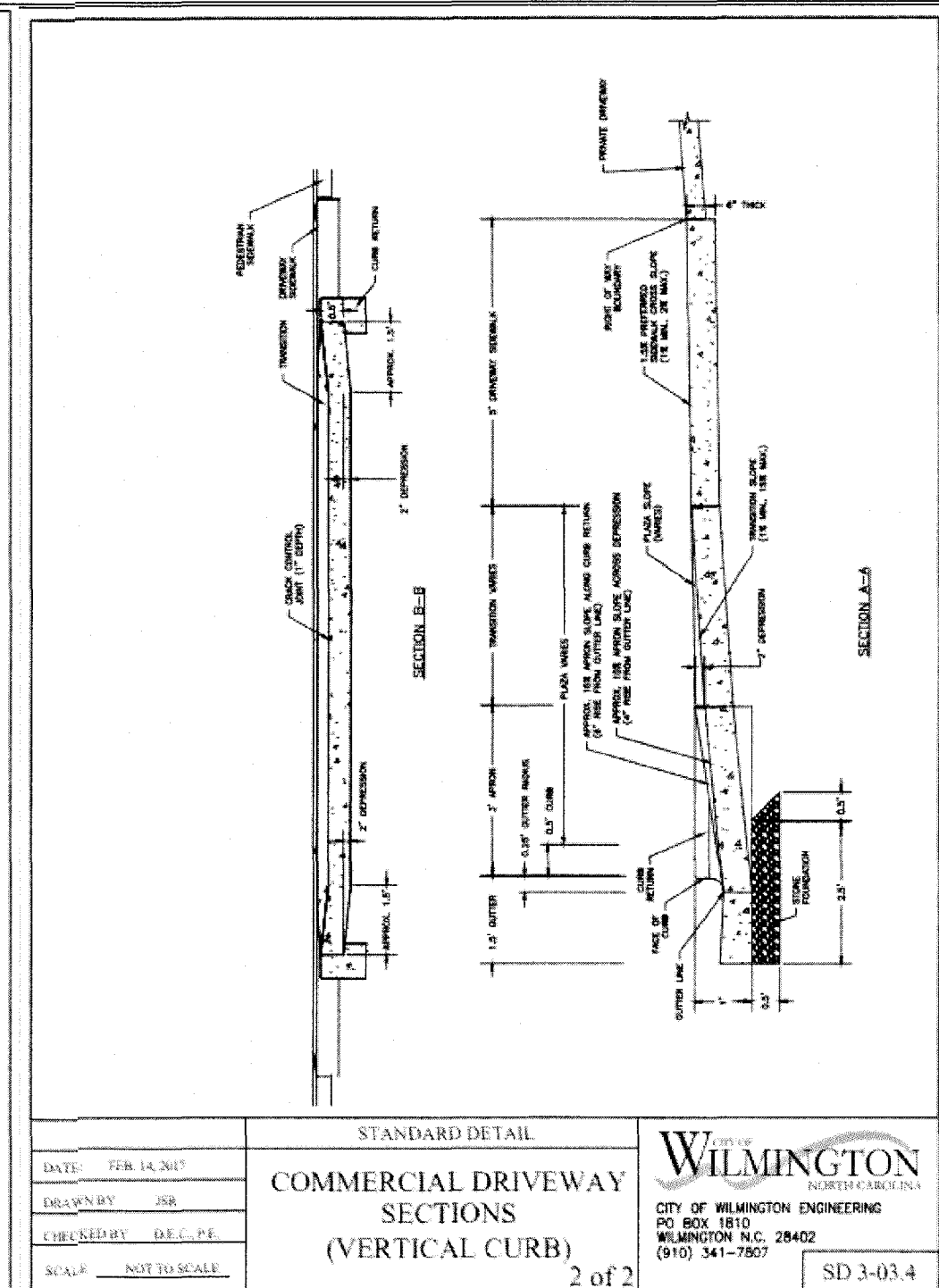
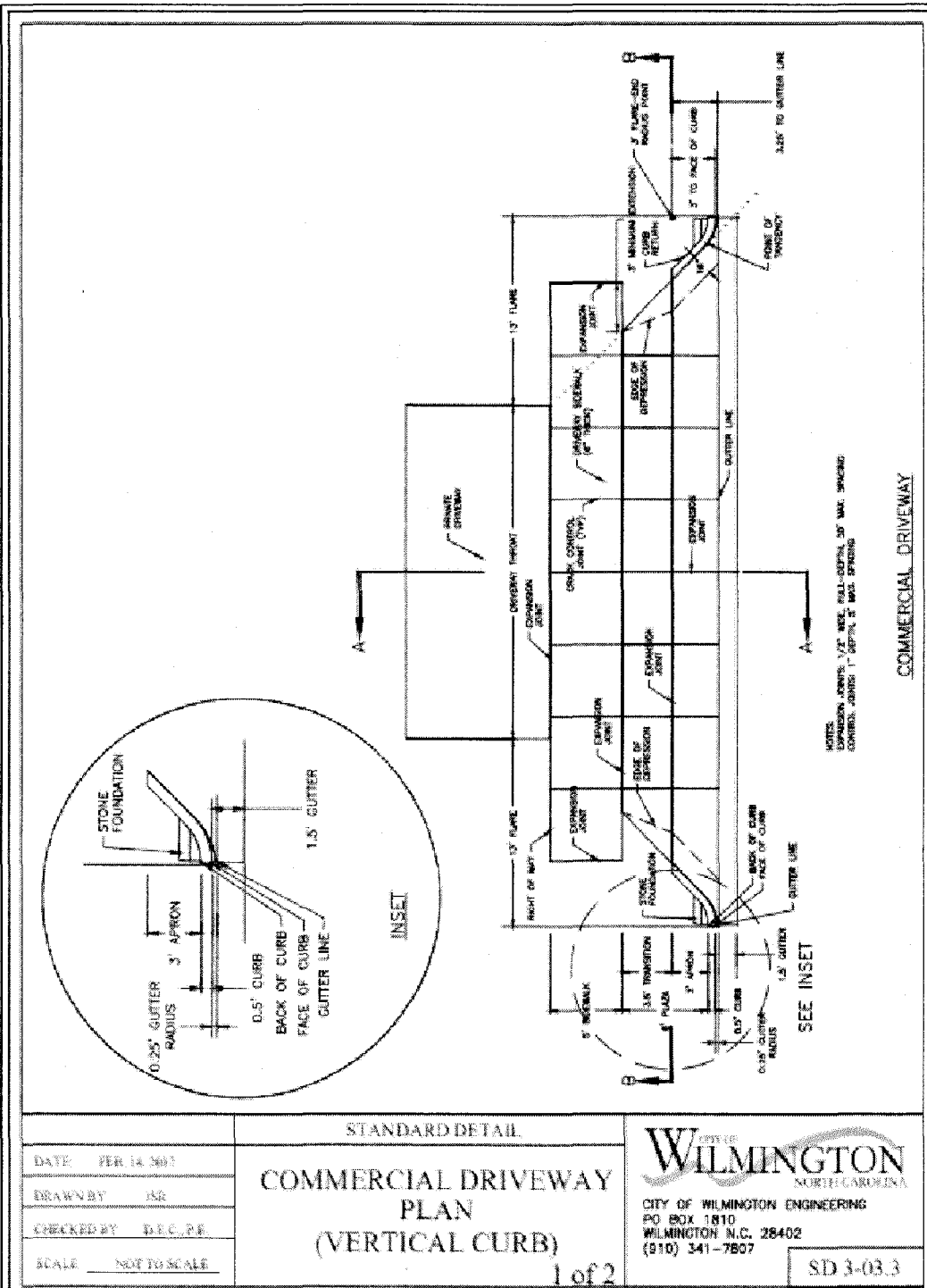
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 CDR. JPN
 DRWN. DCC

DATE 11/3/21

C5.1

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FIRE AND LIFE SAFETY NOTES:

1. FIRE HYDRANTS MUST BE WITHIN 150' OF THE FIRE DEPARTMENT CONNECTION.
2. THE FIRE DEPARTMENT CONNECTION MUST BE WITHIN 40' OF FIRE APPARATUS PLACEMENT.
3. LANDSCAPING AND PARKING CANNOT BLOCK OR IMPEDE THE FIRE DEPARTMENT CONNECTIONS OR FIRE HYDRANTS. A 3' CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE FIRE HYDRANT CONNECTION AND THE FIRE HYDRANT.
4. FIRE HYDRANTS MUST BE LOCATED WITHIN 8' OF THE CURB.
5. NEW HYDRANTS MUST BE AVAILABLE FOR USE PRIOR TO CONSTRUCTION OF THE BUILDINGS.
6. NEW HYDRANTS MUST BE BROUGHT INTO SERVICE PRIOR TO COMBUSTIBLE MATERIALS BEING DELIVERED TO THE JOB SITE.
7. THE CONTRACTOR WILL MAINTAIN ALL-WEATHER EMERGENCY ACCESS TO CONSTRUCTION SITE AT ALL TIMES.
8. TEMPORARY STREET SIGNS SHALL BE INSTALLED AT EACH STREET INTERSECTION WHEN CONSTRUCTION OF NEW ROADWAYS ALLOWS PASSAGE BY VEHICLES.
9. UNDERGROUND FIRE LINE AND PRIVATE WATER MAINS MUST BE PERMITTED AND INSPECTED BY THE WILMINGTON FIRE DEPARTMENT FROM THE PUBLIC RIGHT-OF-WAY TO THE BUILDING. CONTACT THE WILMINGTON FIRE DEPARTMENT DIVISION OF FIRE AND LIFE SAFETY AT 910-343-0696 FOR ADDITIONAL INFORMATION.
10. A MINIMUM OF 5' SHALL SEPARATE UNDERGROUND FIRE LINES OR PRIVATE WATER MAINS FROM OTHER UNDERGROUND UTILITIES.
11. HYDRANTS SHALL BE OF SUFFICIENT NUMBERS TO ACCOMMODATE BASE FIRE FLOW REQUIREMENTS OF THE STRUCTURE.
12. ADDITIONAL FIRE PROTECTION AND/OR ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.
13. THE CONTRACTOR SHALL SUBMIT A RADIO SIGNAL STRENGTH STUDY THAT DEMONSTRATES THAT EXISTING EMERGENCY RESPONDER RADIO SIGNAL LEVELS MEET THE REQUIREMENTS OF SEC. 510 OF THE 2018 FIRE CODE.
14. BUILDING CONSTRUCTION TYPE:
15. PRIVATE UNDERGROUND FIRE LINES REQUIRE A SEPARATE UNDERGROUND FIRE LINE PERMIT FROM THE WILMINGTON FIRE AND LIFE SAFETY DIVISION 910-343-0696
16. ALL ISOLATION VALVES WITHIN THE "HOT BOX" AND BETWEEN THE "HOT BOX" AND THE RISER ROOM MUST BE ELECTRICALLY SUPERVISED.

1 COMMERCIAL DRIVEWAY

2 SIDEWALK

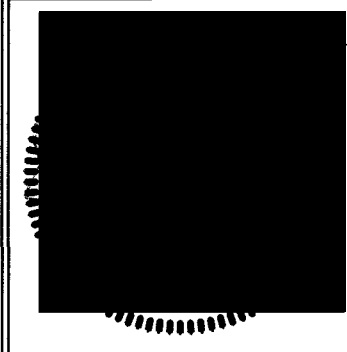
Approved Construction Plan
 Date: 12/9/21
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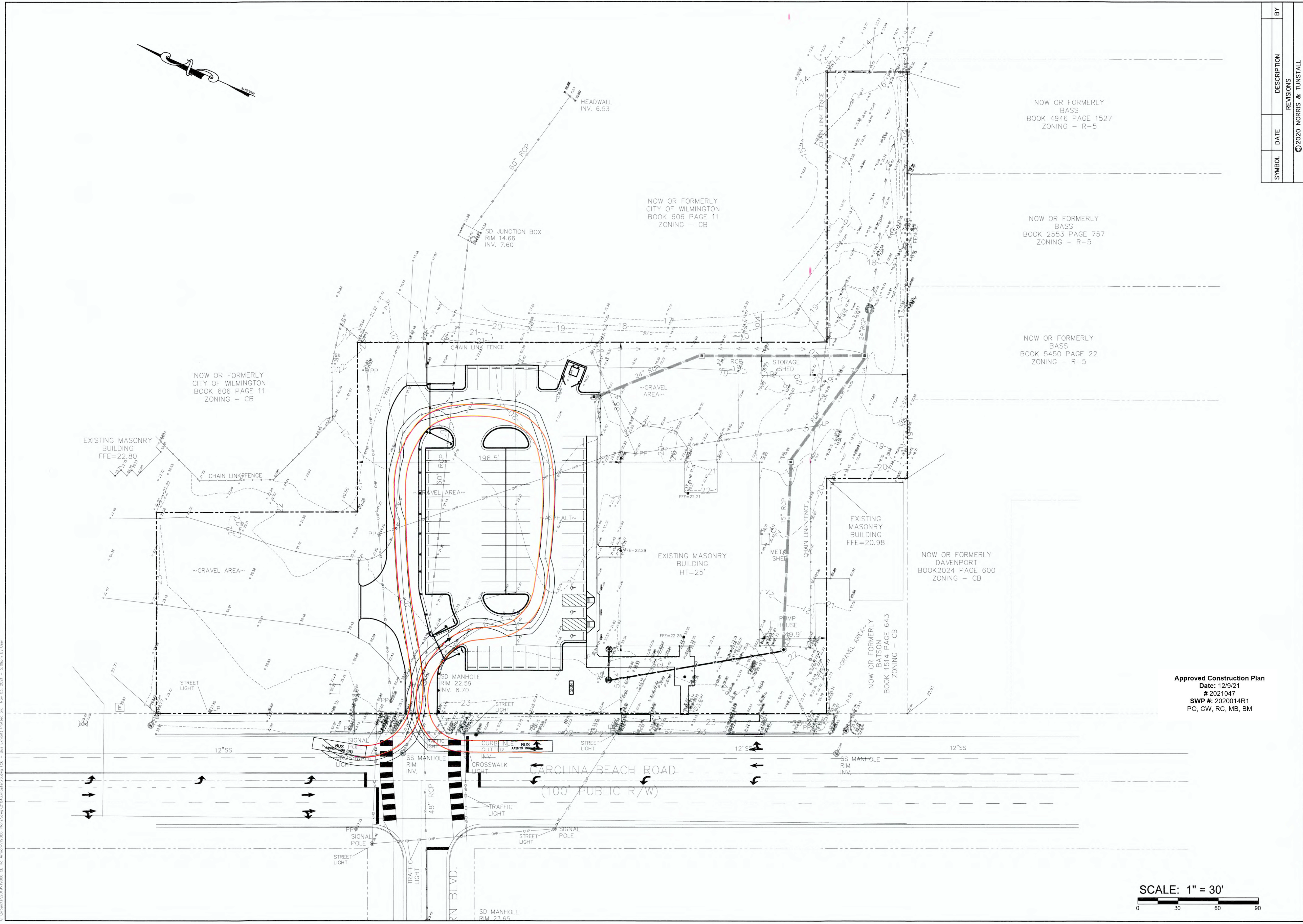
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 DRWN. DGC
 DATE 11/3/21



C5.2

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Approved Construction Plan
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 # 2021047
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 PO, CW, RC, MB, BM

SCALE: 1" = 30'

SYMBOL	DATE	DESCRIPTION	BY
		REVISIONS	
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BUS EXHIBIT
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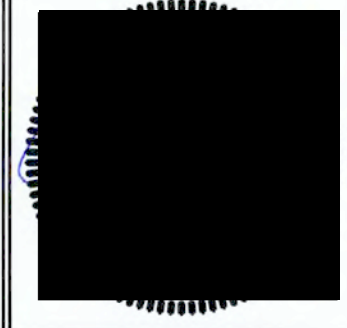
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C6