

PUREFOY DRIVE SUBDIVISION

PREPARED FOR HABITAT FOR HUMANITY OF ORANGE COUNTY, INC.
 CHAPEL HILL, NORTH CAROLINA

Special Use Permit - Planned Development

NOTES:

1. Site is not located within a floodplain as designated by FEMA.
2. Contractor is to field locate all utilities and familiarize him/herself with their locations. The contractor shall arrange and coordinate utility relocations as may be required.
3. The contractor shall obtain all required state and local permits prior to commencing work for which a permit is required.

Impervious Surface Calculations:

Allowed Impervious Surface : 440,590sf
Proposed Impervious Surface :
 Road & Curb/Gutter 82,025sf
 Concrete Sidewalks 14,613sf
 51 lots (each w/ 3,000sf
 impervious surface allotted) 153,000sf
TOTAL : 249,638sf

PROJECT SUMMARY

Property Owner/Developer: Habitat For Humanity
 of Orange County, Inc.
 1829 E. Franklin St. Suite 1200B
 Chapel Hill, NC 27514

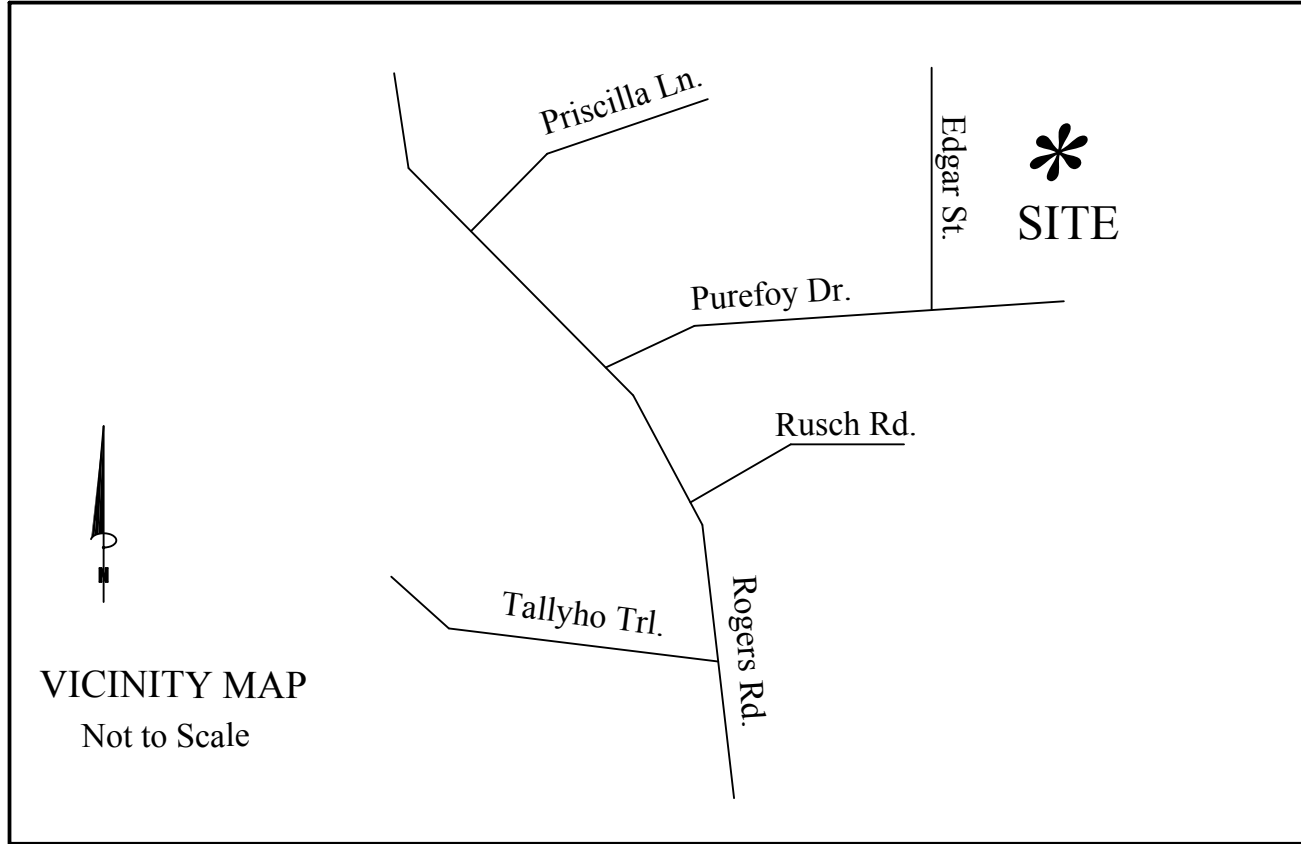
Property Address: Purefoy Drive

Parcel IDs	&	TMBLs:
9870-55-7013		7.23B.A.1
9870-54-7922		7.23B.A.2
9870-54-7830		7.23B.A.3
9870-54-7627		7.23B.A.4
9870-54-7514		7.23B.A.5
9870-54-7411		7.23B.A.6
9870-54-7219		7.23B.A.7
9870-55-9063		7.23B.B.1
9870-54-9950		7.23B.B.2
9870-54-9850		7.23B.B.3
9870-54-9679		7.23B.B.4
9870-54-9543		7.23B.B.5
9870-54-9441		7.23B.B.6
9870-54-9248		7.23B.B.7
9870-64-1606		7.24..1
9870-64-3619		7.24..1C
9870-64-6459		7.24..2

Zoning: R-1
 Adjacent Property Zoning: R-1, RT
 Proposed Land Use: Single Family Residential
 Property Acreage: 19.31 Acres

CIVIL ENGINEERING

MICHAEL A. NEAL and ASSOCIATES, PLLC
 105 WEST CORBIN STREET
 SUITE 201
 HILLSBOROUGH, NORTH CAROLINA 27278
 (919) 644-1277 fax (919) 644-1347

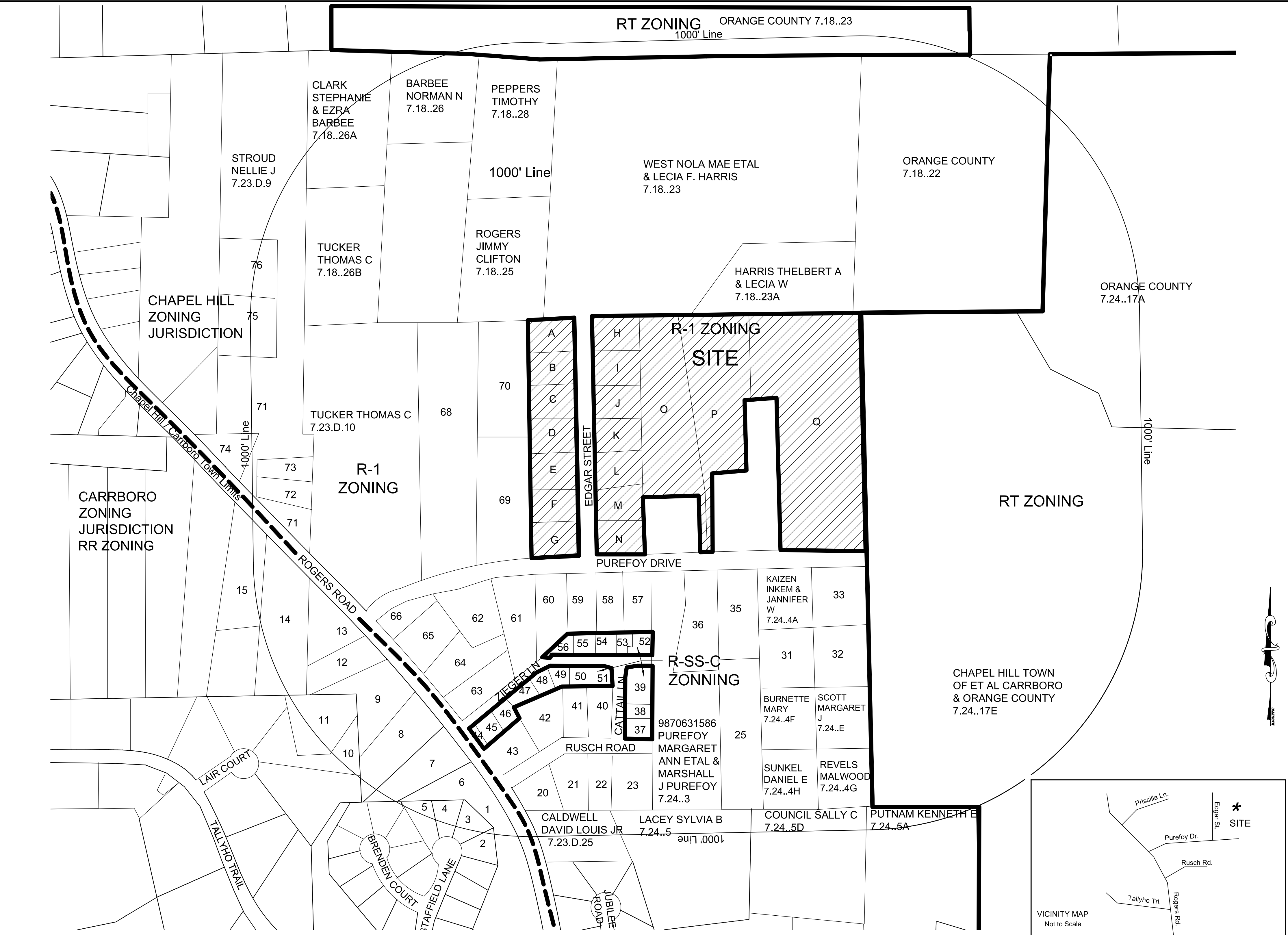


This project will comply to the Town's regulations and standards.

SHEET INDEX

- COVER SHEET
- C-1 AREA MAP
- C-2 EXISTING SITE/SLOPE,
SOILS, SITE ANALYSIS
- C-3 SITE PLAN
- C-4 PLAN & PROFILE
- C-5 TREE PROTECTION PLAN
- C-6 DETAILS
- C-7 DETAILS
- C-8 TRAFFIC CONTROL DETAILS
- C-9 TRAFFIC CONTROL DETAILS

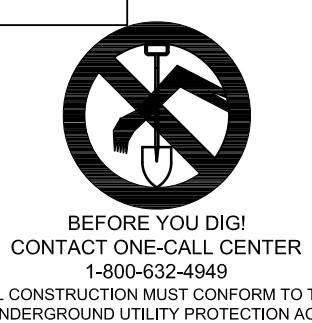
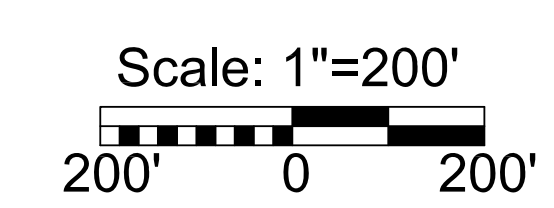
PUREFOY PARCEL INFO - 1000FT VICINITY		
#	OWNER	TBML
1	HIGHLANDS NORTH HOME OWNERS & ASSOCIATION	7.23F..40
2	JOHNSTON SUSAN ELIZABETH & GLORIA MARIE FALEY	7.23F..25
3	HEFFELFINGER RANDALL KENNETH & MELINDA KAY MCMASTER (W)	7.23F..26
4	LANNANTUONO MARIO & TRACY A	7.23F..27
5	ZURLIENE TIMOTHY J & GINGER J	7.23F..28
6	DE LIMA JORGE L & MARY J	7.23.C.24B
7	TUCKER BRUCE D	7.23.C.24A
8	ABUNDANT LIFE CENTER OF CHAPEL HILL INC	7.23.C.24C
9	FAITH TABERNACLE OASIS OF LOVE CHURCH INTERNATIONAL INC	7.23.C.24
10	DAY ROBERT P J	7.23C..18
11	FAITH TABERNACLE OASIS OF LOVE CHURCH INTERNATIONAL INC	7.23.C.27
12	FAITH TABERNACLE OASIS OF LOVE CHURCH INTERNATIONAL INC	7.23.C.23
13	FAITH TABERNACLE OASIS OF LOVE CHURCH INTERNATIONAL INC	7.23.C.22
14	ROGERS LEAH	7.23.C.20
15	ROGERS SAMUEL F & BETTIE D	7.23.C.19A
16	PUTNAM KENNETH E	7.24..5A
17	COUNCIL SALLY C	7.24..5D
18	LACEY SYLVIA B	7.24..5
19	CALDWELL DAVID LOUIS JR	7.23.D.25
20	PEPPERS TIMOTHY	7.23.D.24
21	BALDWIN DORTHY R	7.23.D.23
22	CALDWELL DANNY E	7.23.D.22
23	CALDWELL LARRY T	7.23.D.21
24	PUREFOY MARGARET ANN ETAL & MARSHALL J PUREFOY	7.24..23
25	PUREFOY CARL LEE	7.24..3C
26	SUNKEL DANIEL E	7.24..4H
27	REVELS MALWOOD	7.24..4G
28	CHAPPEL HILL TOWN OF ETAL CARRBORO & ORANGE COUNTY	7.24..17E
29	SCOTT MARGARET J	7.24..E
30	BURNETTE MARY	7.24..4F
31	BRADSHAW JOSEPH ZEPHANIAH & JANNIE MCL	7.24..D
32	REID LARRY DARNELL & KAREN MCD	7.24..4
33	REID LARRY DARNELL & KAREN MCD	7.24..4J
34	KAIZEN INKEM & JANNIFER W	7.24..4A
35	PUREFOY CARL LEE	7.24..3A
36	PUREFOY MARGARET	7.24..3B
37	HABITAT FOR HUMANITY ORANGE COUNTY INC	7.23.D.14H
38	FLORES JOSE A LOPEZ & MARGARITA C PATINO	7.23.D.14G
39	RUSCH HOLLOW HOME OWNERS ASSOCIATION % HABITAT	7.23.D.14P
40	WOODS TOPSY	7.23.D.19
41	BOOTH LEOLA B	7.23.D.18
42	HABITAT FOR HUMANITY ORANGE COUNTY INC	7.23.D.14S
43	WEAVER PRESTON JR	7.23.D.16
44	RUSCH HOLLOW HOME OWNERS ASSOCIATION % HABITAT	7.23.D.14P
45	NICKENS CAROLYN	7.23.D.14
46	ROBERSON JOANNETTA G	7.23.D.14A
47	HABITAT FOR HUMANITY ORANGE COUNTY INC	7.23.D.14B
48	BROWN MARSHALL	7.23.D.14C
49	PARSON LINDA	7.23.D.14D
50	ESPANA MARIA I JAUREGUI	7.23.D.14E
51	LI GUOYOU & GUIXIANG YU	7.23.D.14F
52	RAMOS EMILIO SANTOYO & MARIA G J JAUREGUI	7.23.D.14J
53	DURAN JUAN NUNEZ & ENRIQUETA JAMINEZ	7.23.D.14K
54	CHIQUITO JORGE ISLAS & ROSA MARIA HERNANDEZ	7.23.D.14L
55	GUITIERREZ ESPARZA SERGIO & EMMA HERRERDELGADO	7.23.D.14M
56	ROGERS CHARLES & BONNIE	7.23.D.14N
57	HABITAT FOR HUMANITY ORANGE COUNTY NC INC	7.24D.C.10
58	CAMPBELL ROBERT LEE & PATRICIA ANN	7.24D.C.9



59	NORWOOD DENEAN T	7.24.D.8
60	BALDWIN ALVIS JUNIOR & PANELLA B	7.24.D.7
61	JENKINS BETTYE EDWARDS	7.24.D.6
62	HOWARD NATHANIEL W & ROBIN M	7.24.D.5
63	FARRINGTON HARRIS E & KAREN	7.24.D.1
64	NEVILLE GAIL A	7.24.D.2
65	POOLE JACKIE E	7.24.D.3
66	FARRINGTON NATHANIEL JR & JACQULYNE B	7.24.D.4
67	TUCKER THOMAS C	7.23.D.10
68	TUCKER THOMAS C	7.23.D.11B
69	TUCKER THOMAS C	7.23.D.11A
70	TUCKER THOMAS C	7.23.D.11
71	STROUD NELLIE J	7.23.D.9
72	JONES PRISCILLA W BYRD	7.23.D.9C
73	STROUD JAMES RUFUS & NELLIE JONES STROUD	7.23.D.9B

74	NICKENS ALLONIOUS	7.23.C.18
75	REID LARRY D & KAREN M	7.23.D.9D
76	FARLEY PERCY JR & EDITH	7.23.D.9A
77	TUCKER THOMAS C	7.18..26B
78	CLARK STEPHANIE & EZRA BARBEE	7.18..26A
79	BARBEE NORMAN N	7.18..26
80	CLARK STEPHANIE & EZRA BARBEE	7.18..26C
81	ROGERS JIMMY CLIFTON	7.18..25
82	PEPPERS TIMOTHY	7.18..28
83	ORANGE COUNTY	7.18..1
84	WEST NOLA MAE ETAL & LECIA F HARRIS	7.18..23
85	HARRIS THELBERT A & LECIA W	7.18..23A
86	ORANGE COUNTY	7.18..22
87	ORANGE COUNTY	7.18..17A

SITE PARCEL INFO					
LET.	PARCEL ID	TBML	I	9870-54-9950	7.23.B.B.2
A	9870-55-7013	7.23.B.A.1	J	9870-54-9850	7.23.B.B.3
B	9870-54-7922	7.23.B.A.2	K	9870-54-9679	7.23.B.B.4
C	9870-54-7830	7.23.B.A.3	L	9870-54-9543	7.23.B.B.5
D	9870-54-7627	7.23.B.A.4	M	9870-54-9441	7.23.B.B.6
E	9870-54-7514	7.23.B.A.5	N	9870-54-9248	7.23.B.B.7
F	9870-54-7411	7.23.B.A.6	O	9870-64-1606	7.24..1
G	9870-54-7219	7.23.B.A.7	P	9870-64-3619	7.24..1C
H	9870-54-9063	7.23.B.B.1	Q	9870-64-6459	7.24..2



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mneal-mana@att.net

MICHAEL A. NEAL, P.E.
DATE: _____

Habitat for Humanity, Orange Co.
Purefoy Drive Subdivision
Chapel Hill, North Carolina

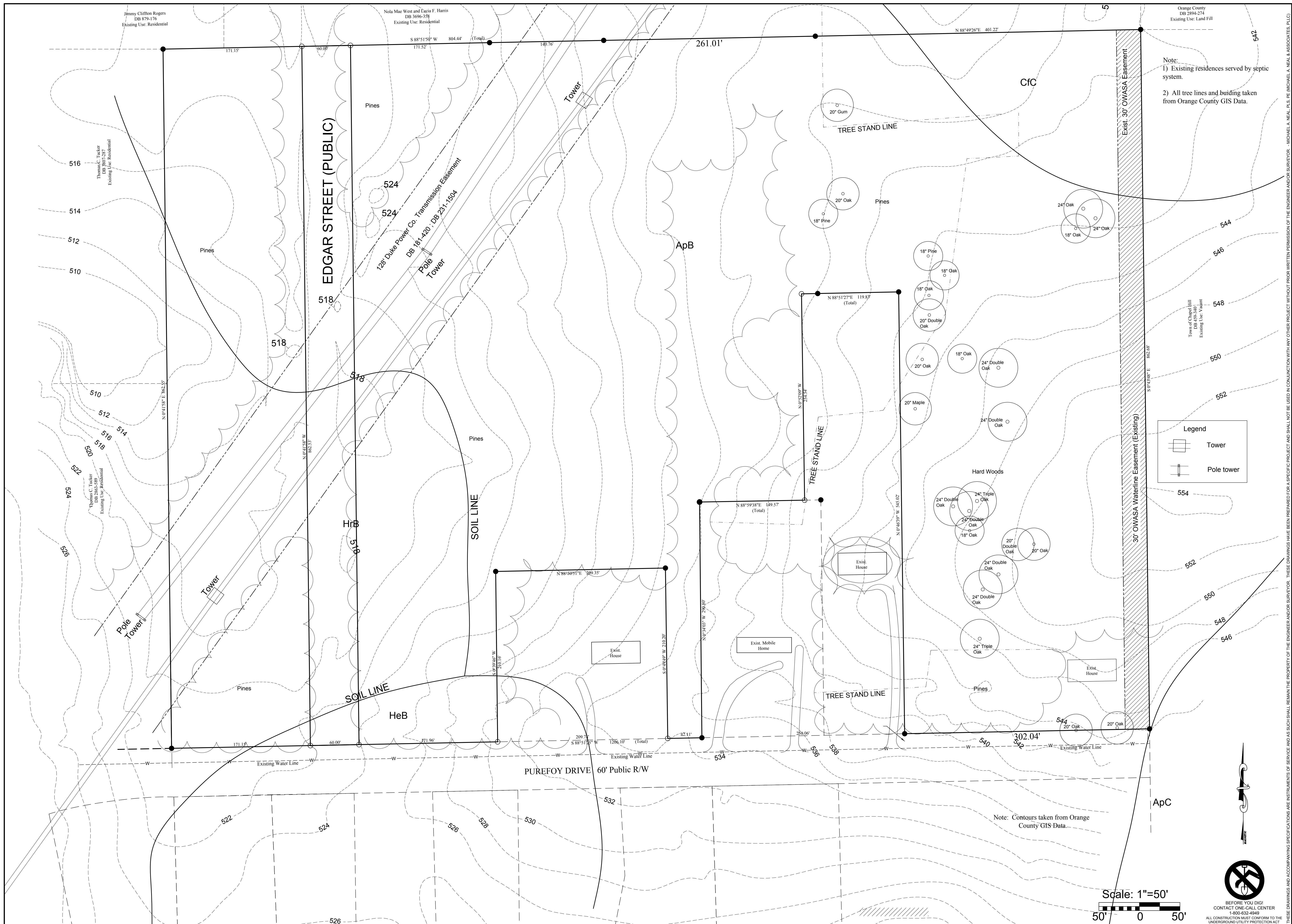
Area Map
Scale: 1"=200'

PRELIMINARY
Not for Construction

Area Map
Date: 10/26/2006
Revisions: 4/13/07
6/01/07
8/10/07

Drawn By TCL
Checked By MAN
Project No. 137

Sheet C1

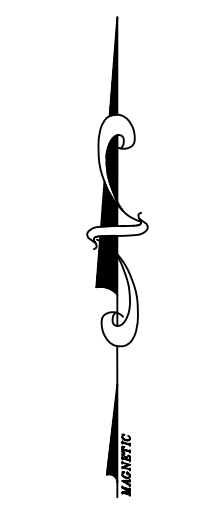
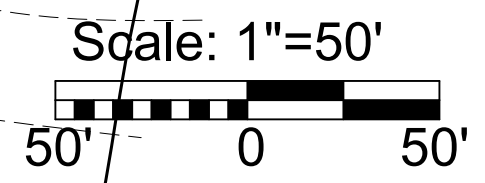


Note:
 1) Existing residences served by septic system.
 2) All tree lines and buidng taken from Orange County GIS Data.

Legend

- Tower
- Pole tower

Note: Contours taken from Orange County GIS Data.



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MICHAEL A. NEAL, P.E. 005596
 PLS L-2783

**Existing Conditions/
 Soils, Slope, Site Analysis**
 Scale: 1"=50'

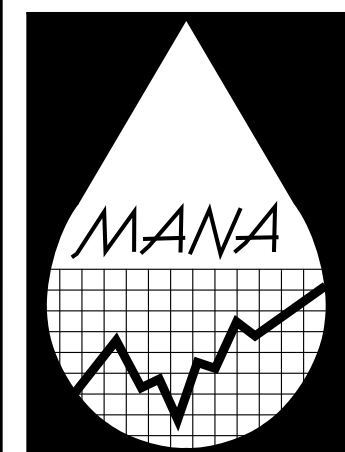
**Habitat for Humanity, Orange Co.
 Purefoy Drive Subdivision
 Chapel Hill, North Carolina**

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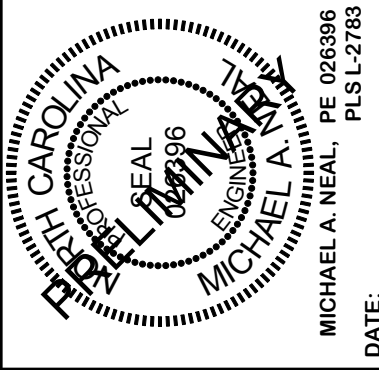
Existing Conditions
 Date: 10/26/2006
 Revisions: 4/12/07
 6/01/07
 8/10/07

Drawn By KSW
 Checked By MAN
 Project No. 137

Sheet **C2**



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Habitat for Humanity, Orange Co.
Purefoy Drive Subdivision
Chapel Hill, North Carolina

Site Plan
Scale: 1"=50'

PRELIMINARY
Not for Construction

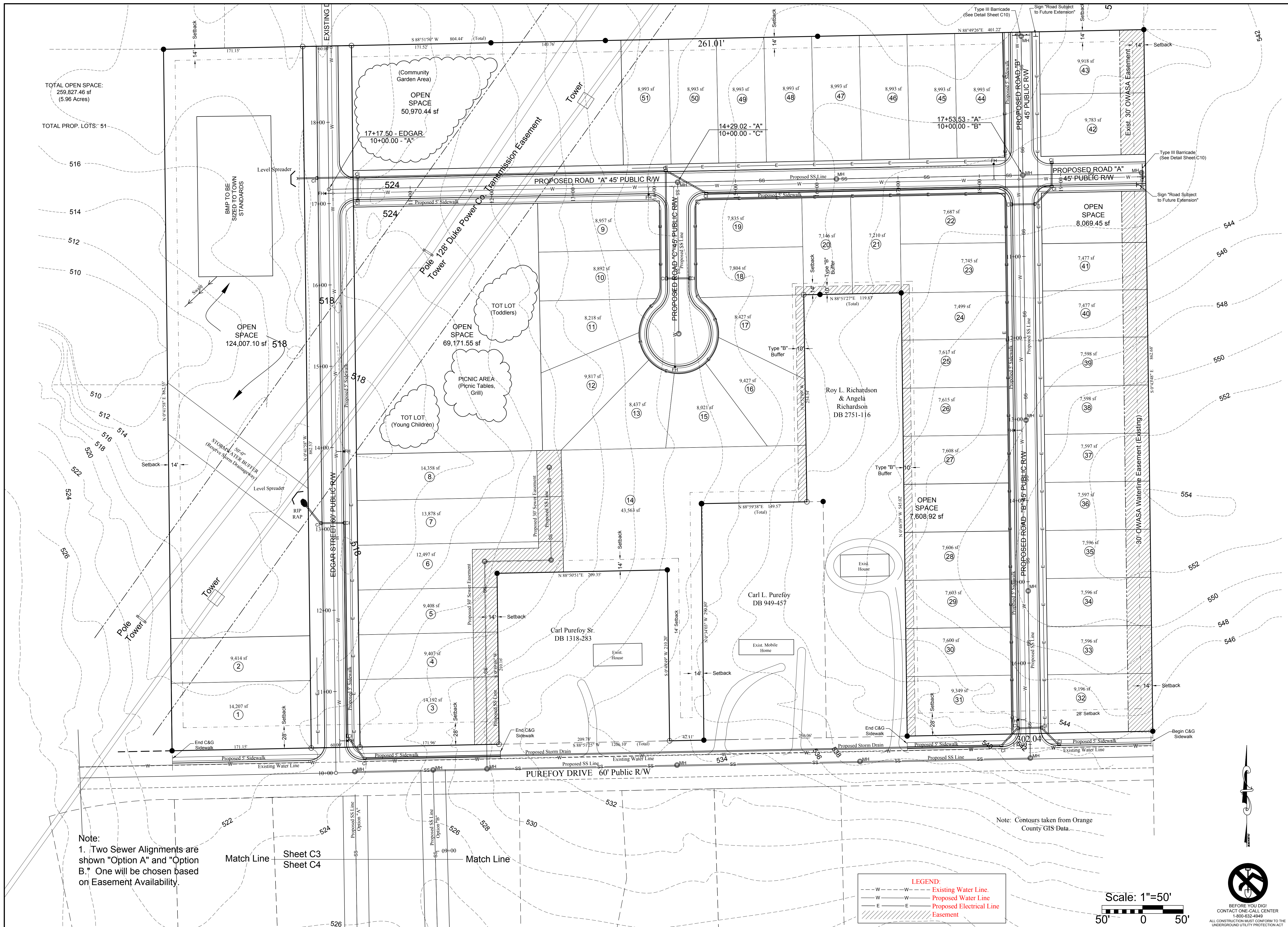
Plan & Profile
Date: 10/26/2006
Revisions: 4/13/07
6/01/07
8/10/07

Drawn By KSW
Checked By MAN
Project No. 137

Sheet **C3**

71

ATTACHMENT 16



TOTAL OPEN SPACE:
259,827.46 sf
(5.96 Acres)

TOTAL PROP. LOTS: 51

Note:
1. Two Sewer Alignments are shown "Option A" and "Option B." One will be chosen based on Easement Availability.

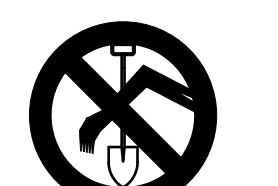
Match Line Sheet C3
Sheet C4

Match Line

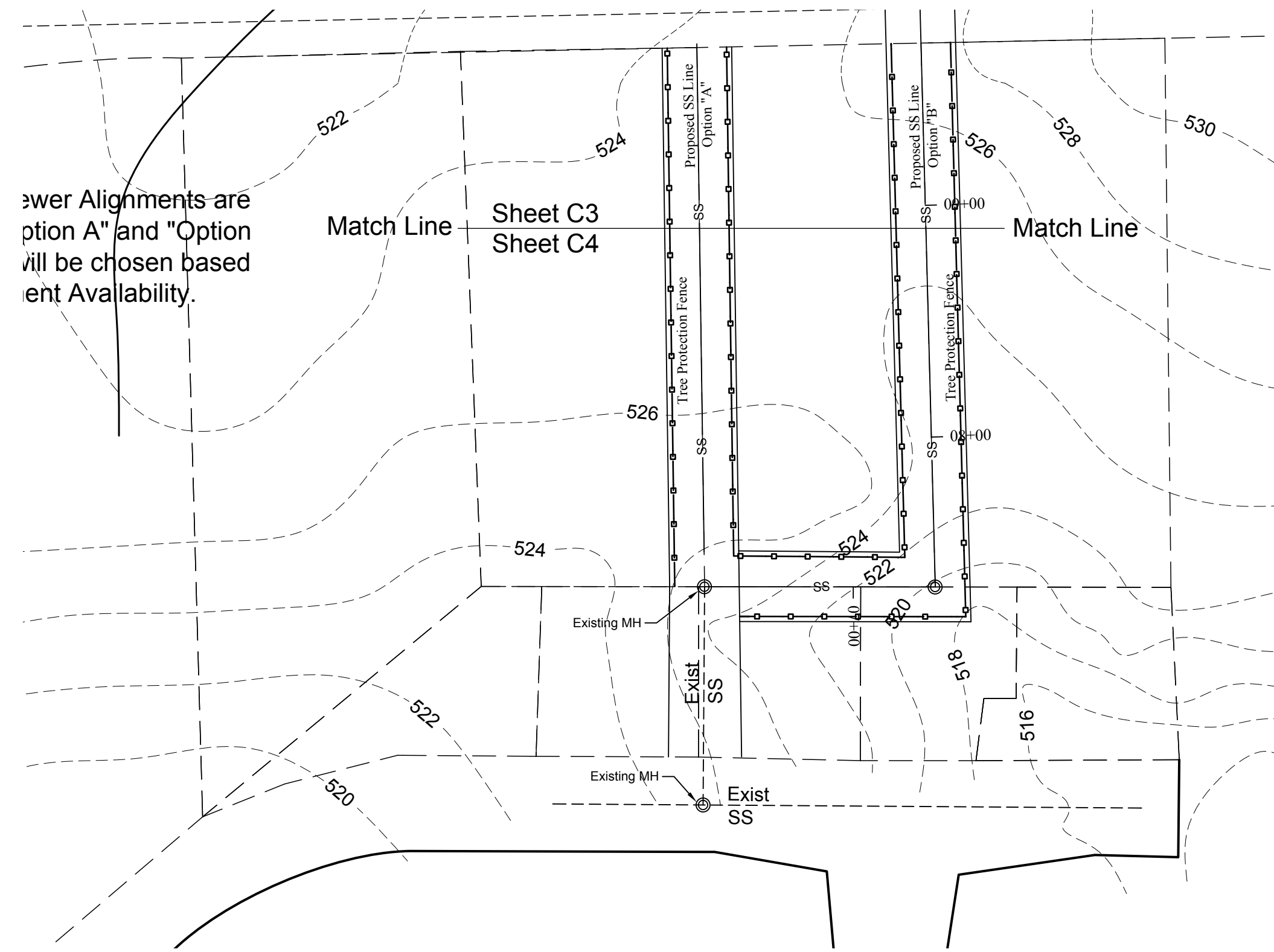
LEGEND:

- - - - -	Existing Water Line
- - - - -	Proposed Water Line
- - - - -	Proposed Electrical Line
///////	Easement

Scale: 1"=50'
50' 0 50'



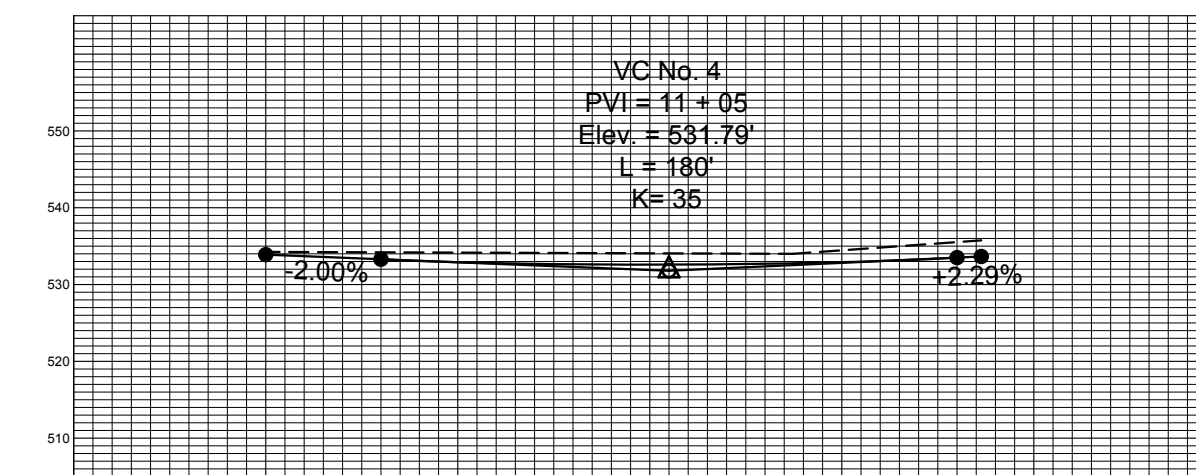
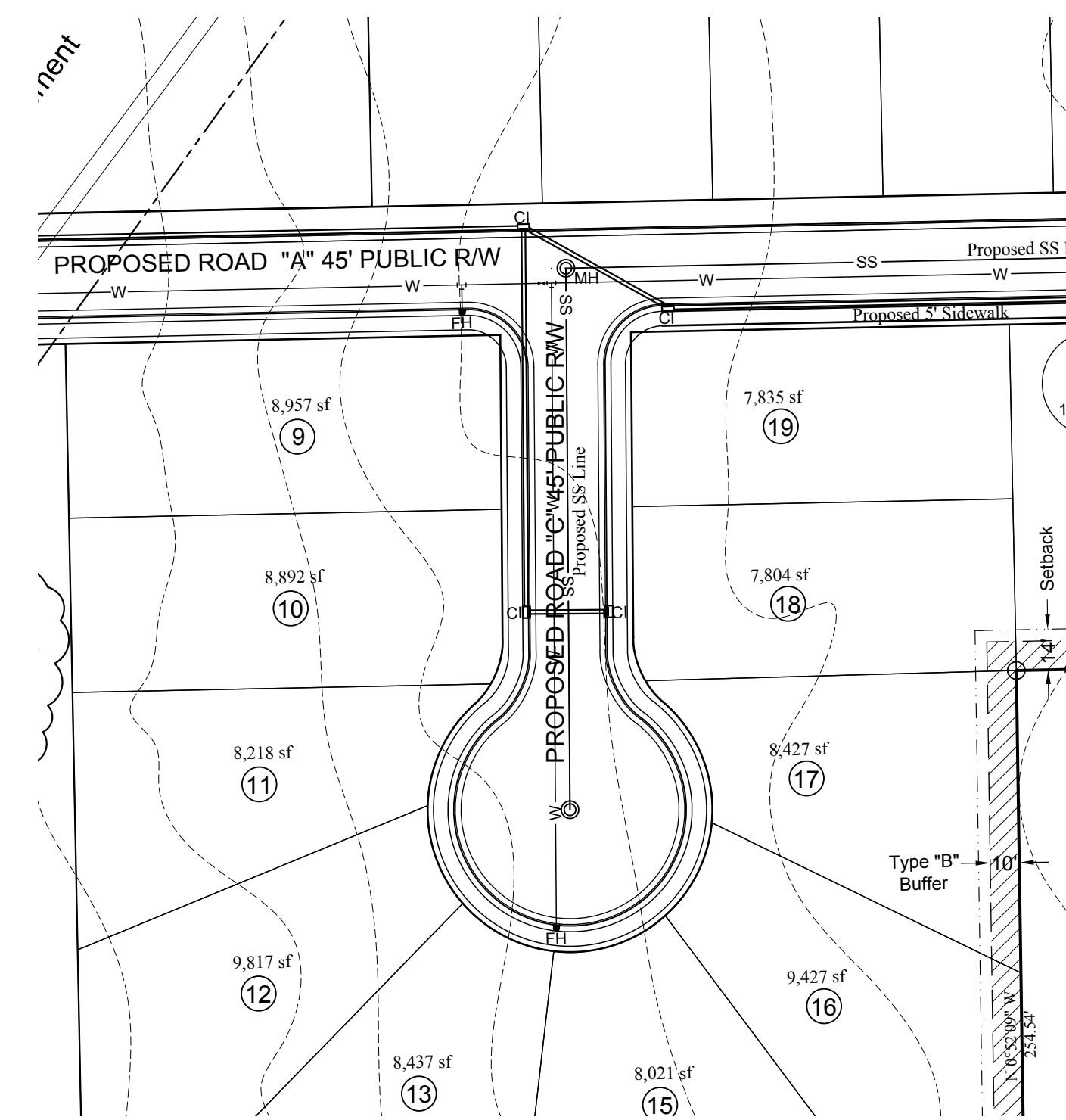
BEFORE YOU DIG!
CONTACT ONE-CALL CENTER
1-800-632-4949
ALL CONSTRUCTION MUST CONFORM TO THE
UNDERGROUND UTILITY PROTECTION ACT



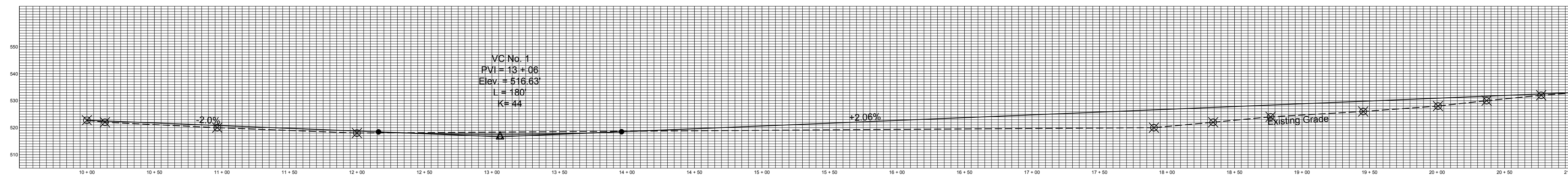
Two Alignment Options are shown. Option A and Option B will be chosen based on permit availability.

Match Line
Sheet C3
Sheet C4

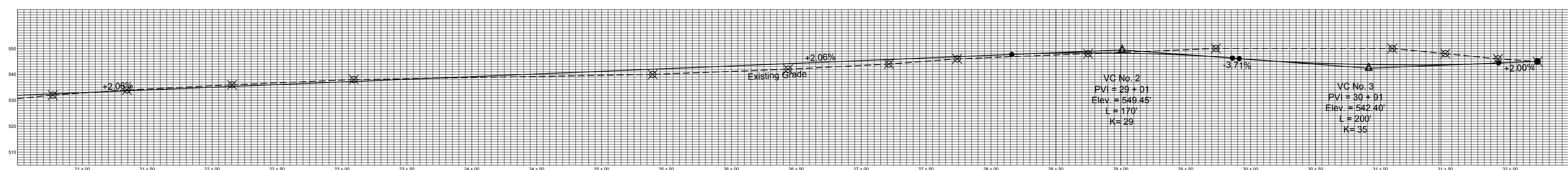
Match Line



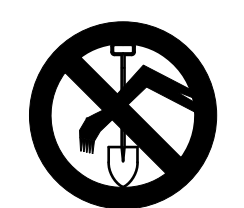
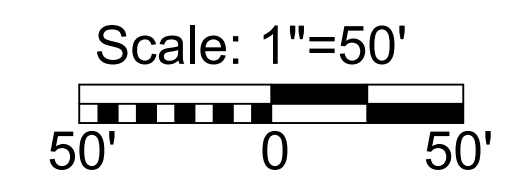
PROPOSED ROAD "C" PROFILE



PROPOSED EDGAR STREET PROFILE



PROPOSED EDGAR STREET PROFILE CONT.



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Habitat for Humanity, Orange Co.
Purefoy Drive Subdivision
Chapel Hill, North Carolina

Plan & Profile
Scale: 1"=50'

PRELIMINARY
Not for Construction

Plan & Profile

Date: 10/26/2006

Revisions: 4/09/07

6/01/07

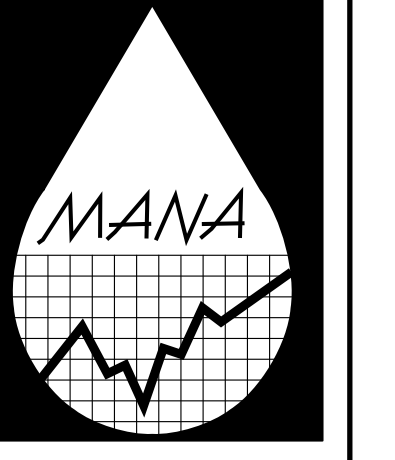
8/10/07

Drawn By KSW

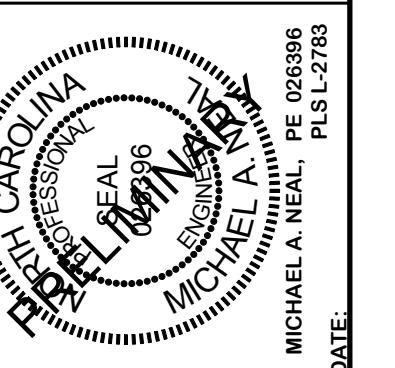
Checked By MAN

Project No. 137

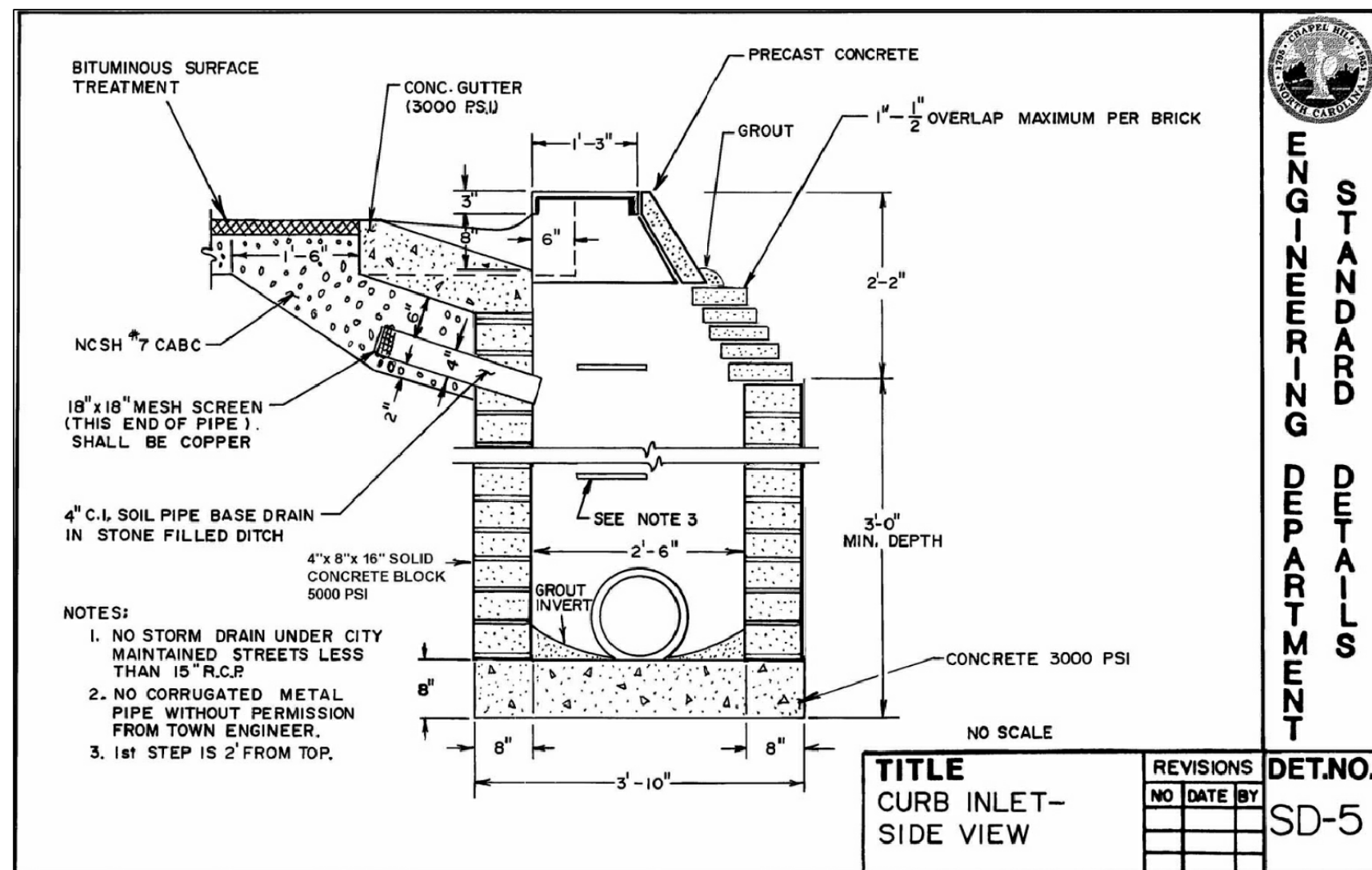
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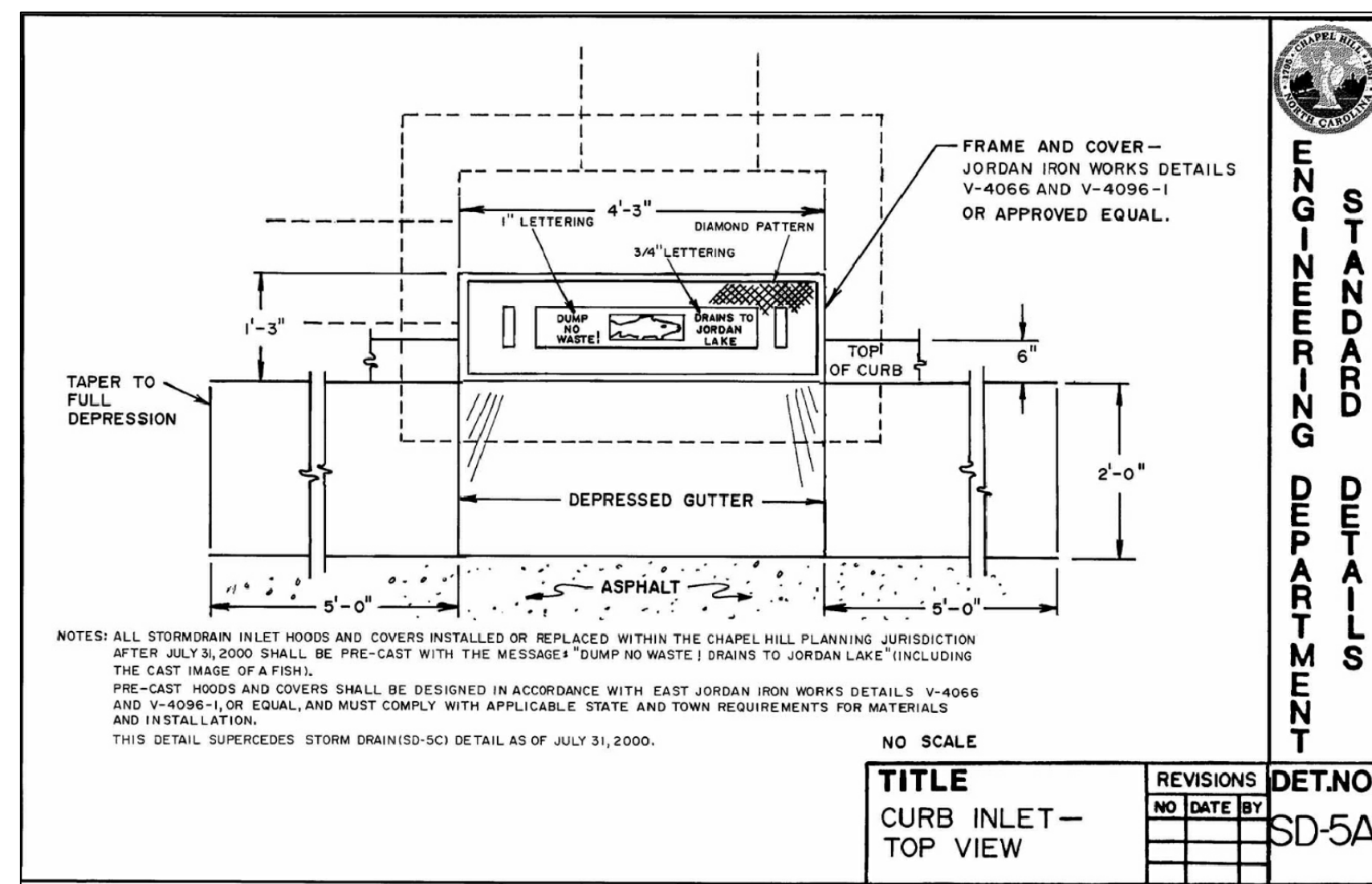
MICHAEL A. NEAL, P.E. 0085896
PLS L-2788
DATE:



Curb Inlet - Side View

DETAIL 1

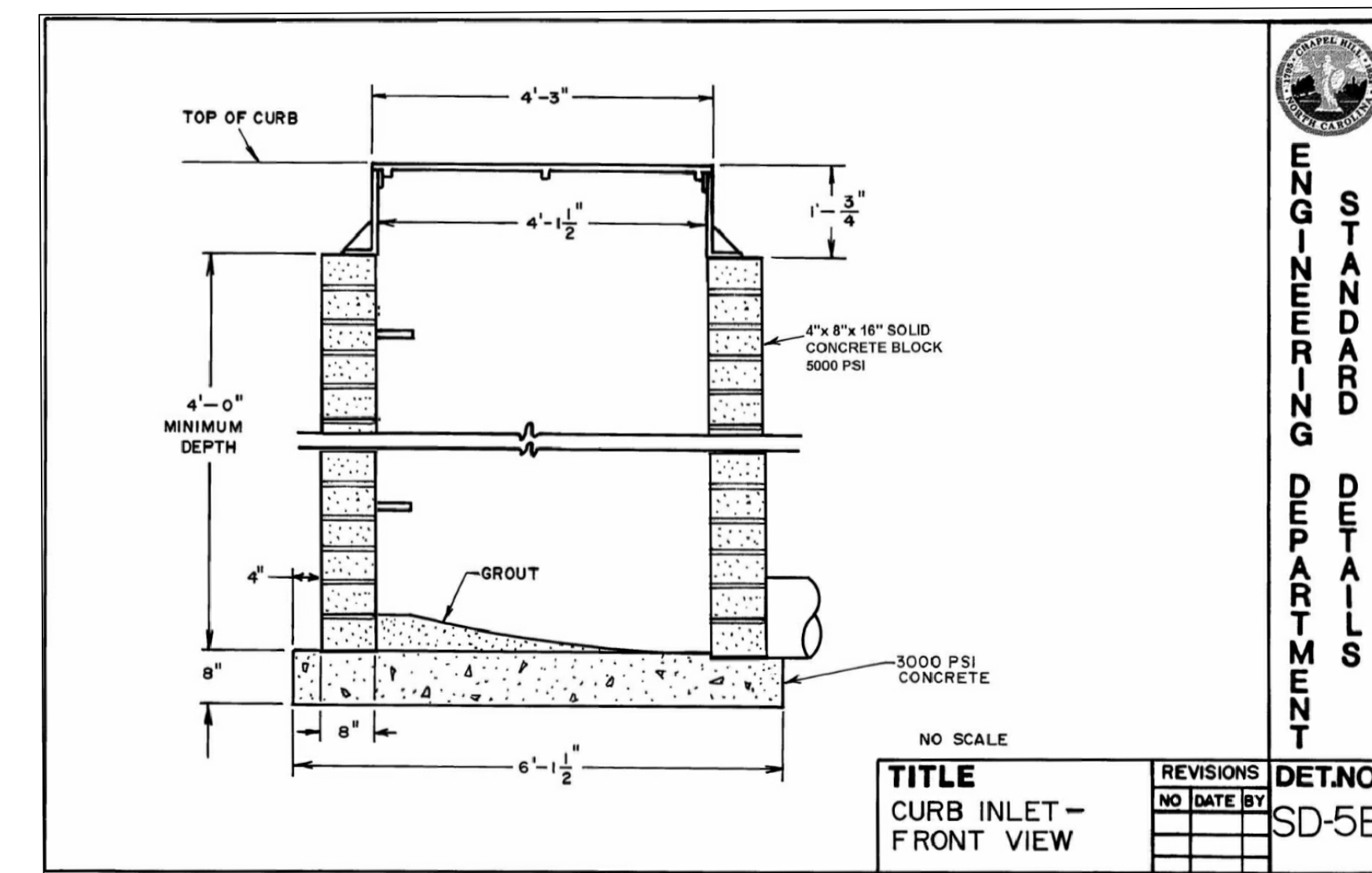
Not to scale



Curb Inlet - Top View

DETAIL 2

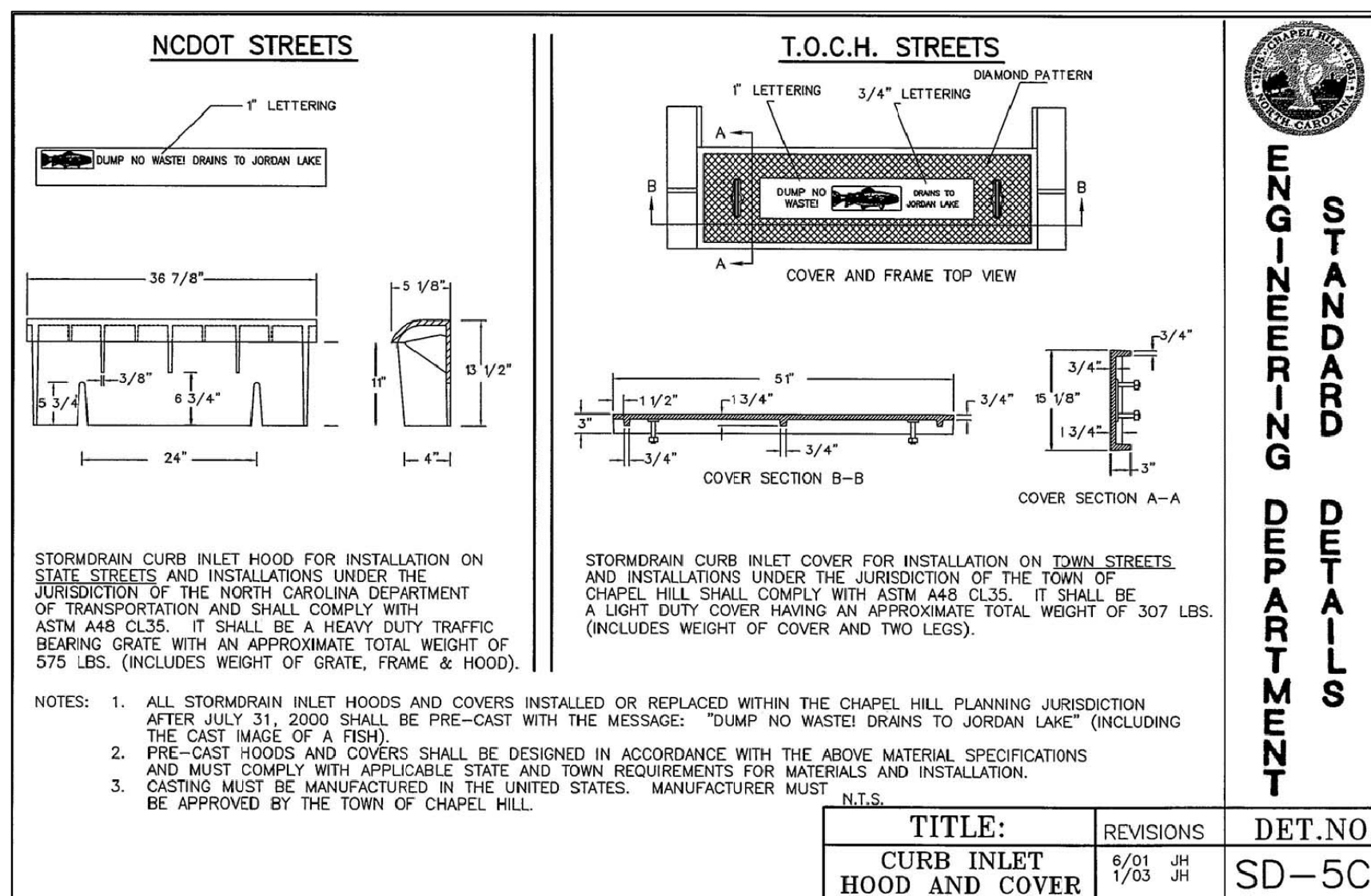
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Curb Inlet - Front View

DETAIL 3

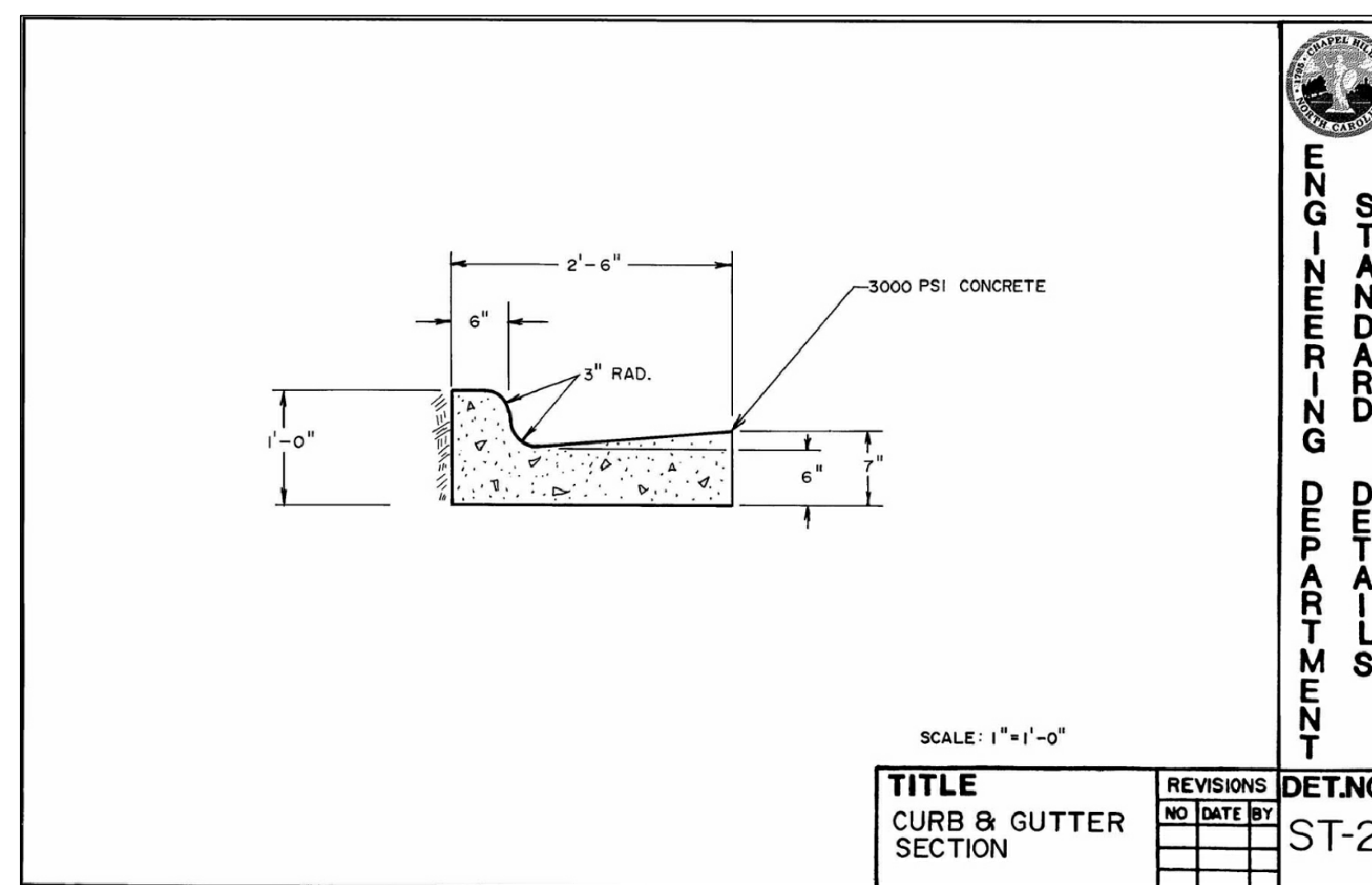
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Curb Inlet Hood and Cover

DETAIL 4

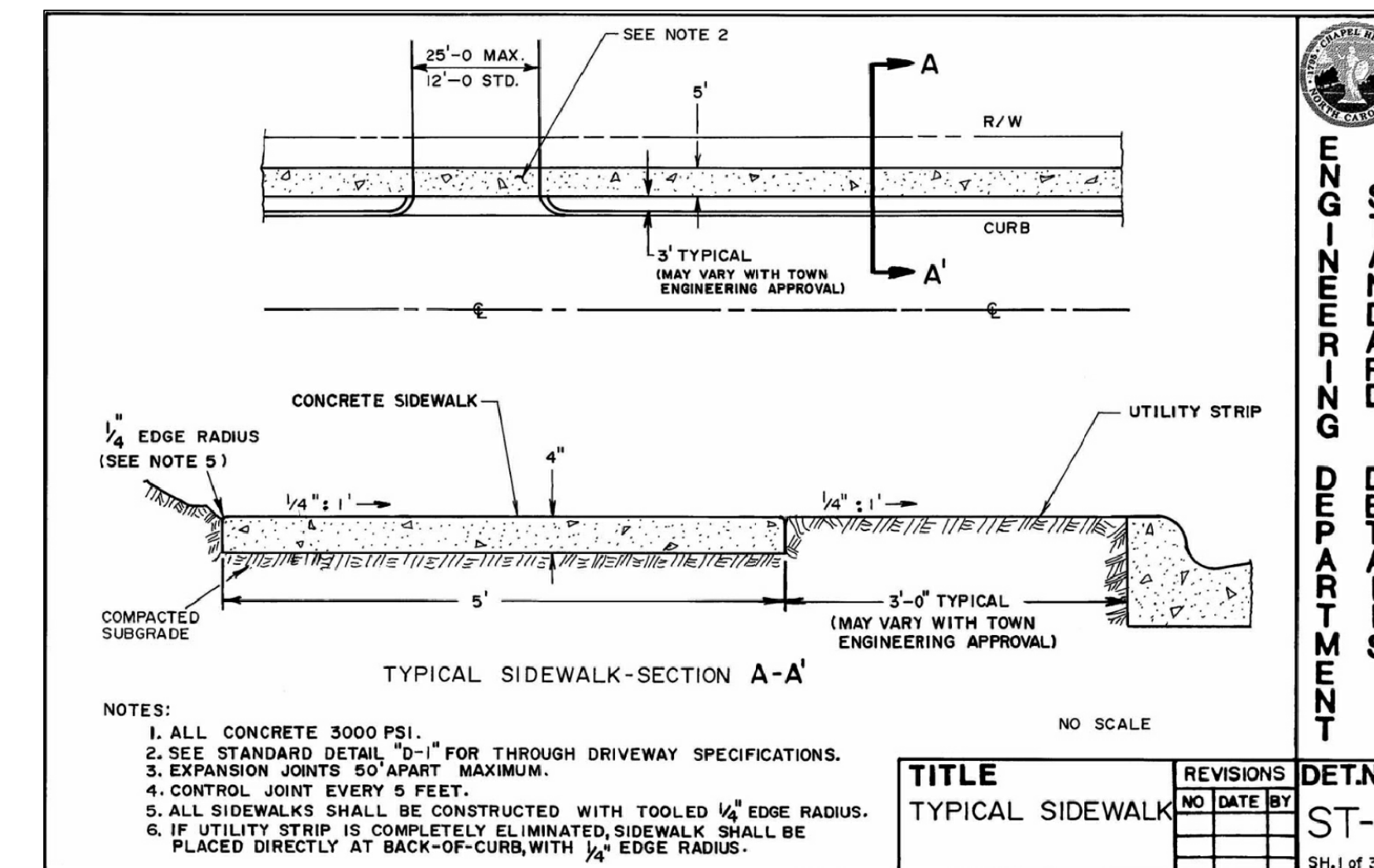
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Curb and Gutter Section

DETAIL 5

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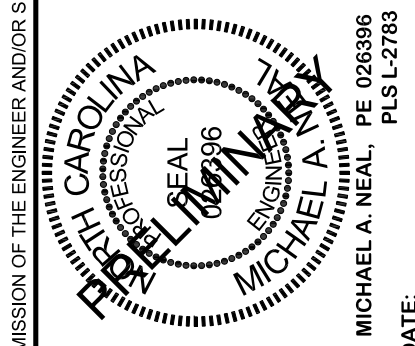
Typical Sidewalk

DETAIL 6

Not to scale



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Purefoy Drive Subdivision
Chapel Hill, North Carolina

Details
Not to Scale

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Not for Construction

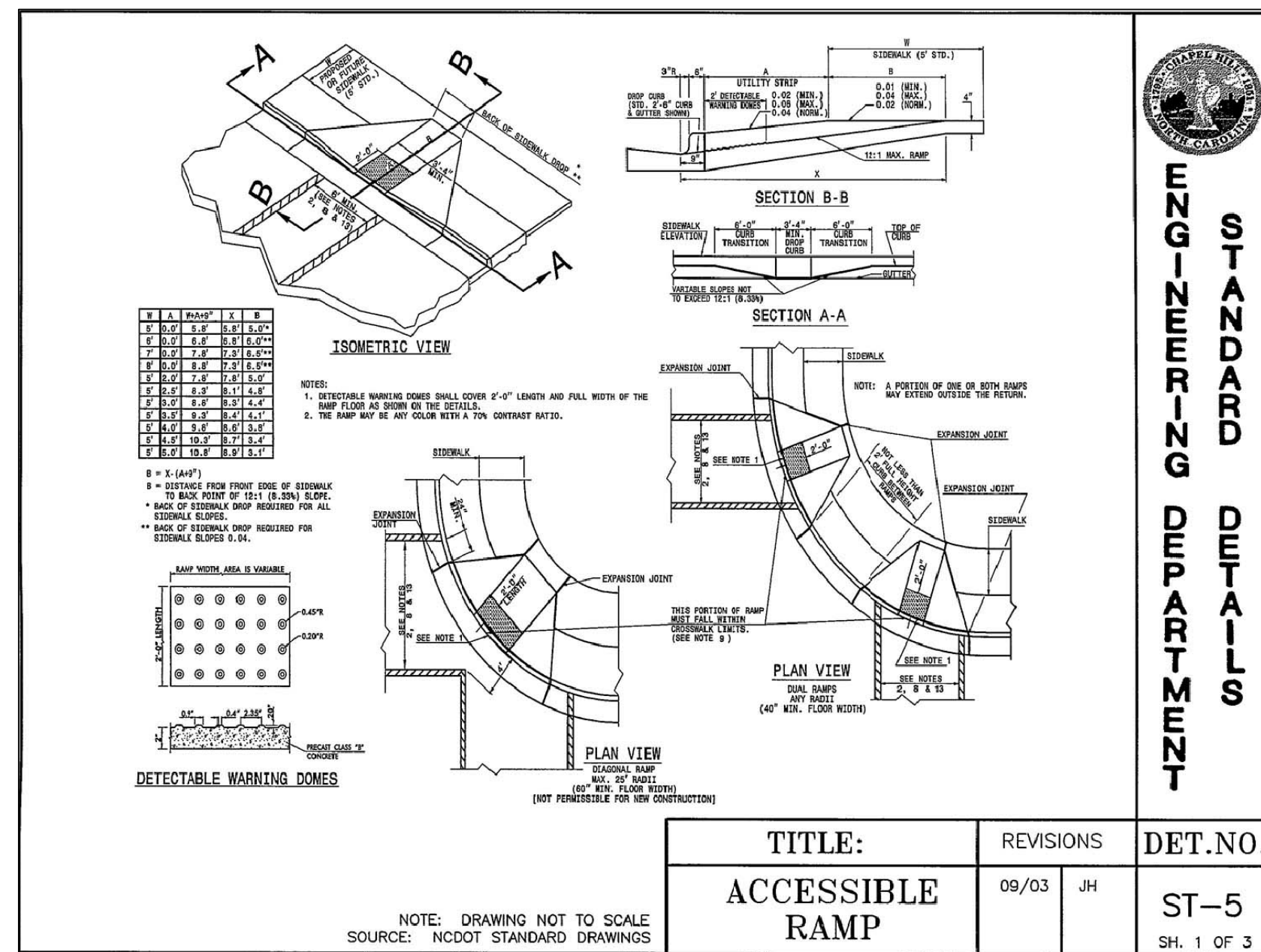
Date: 10/26/2006
Revisions: 4/13/07
6/01/07
8/10/07

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Checked By MAN
Project No. 137

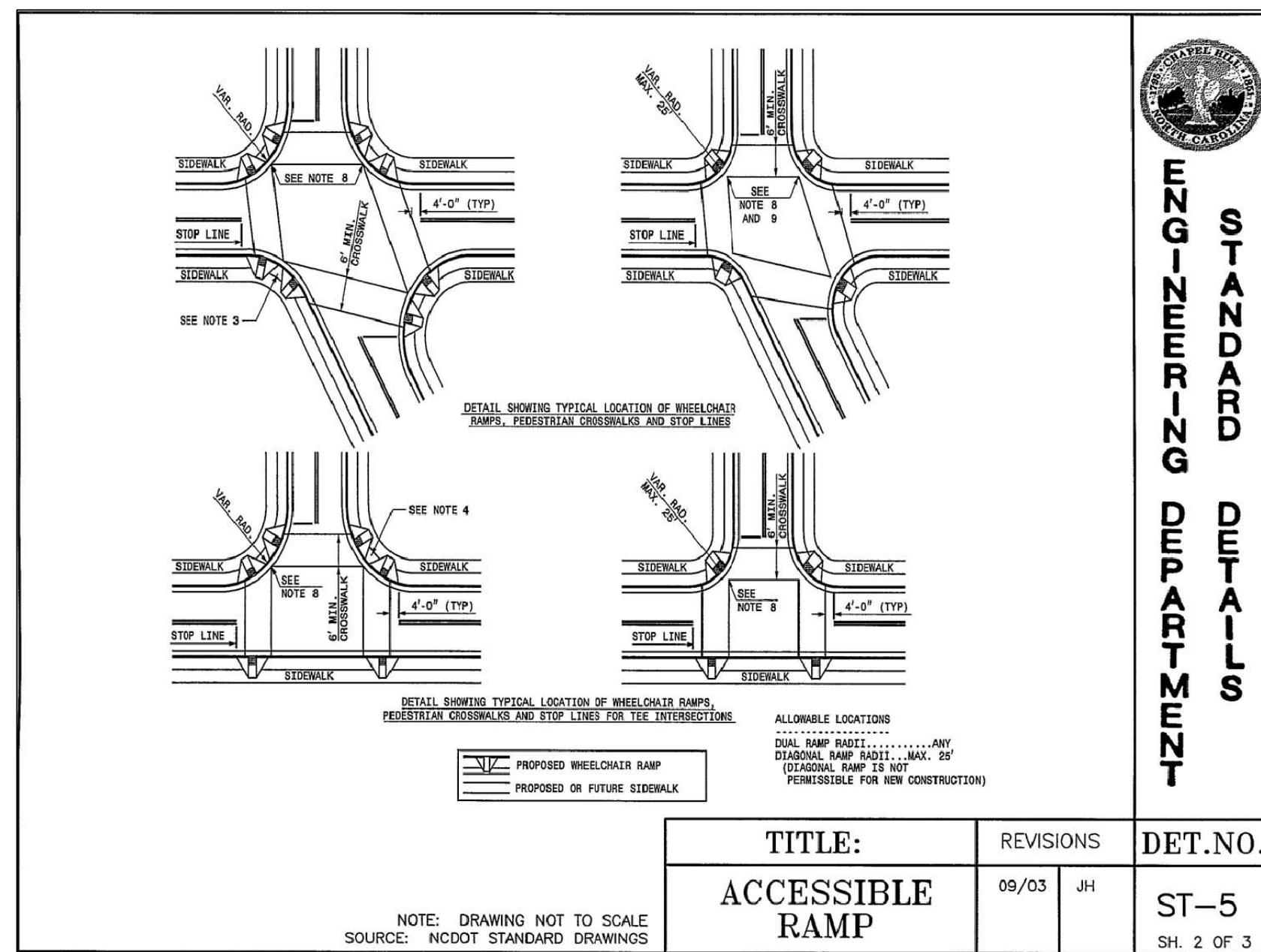
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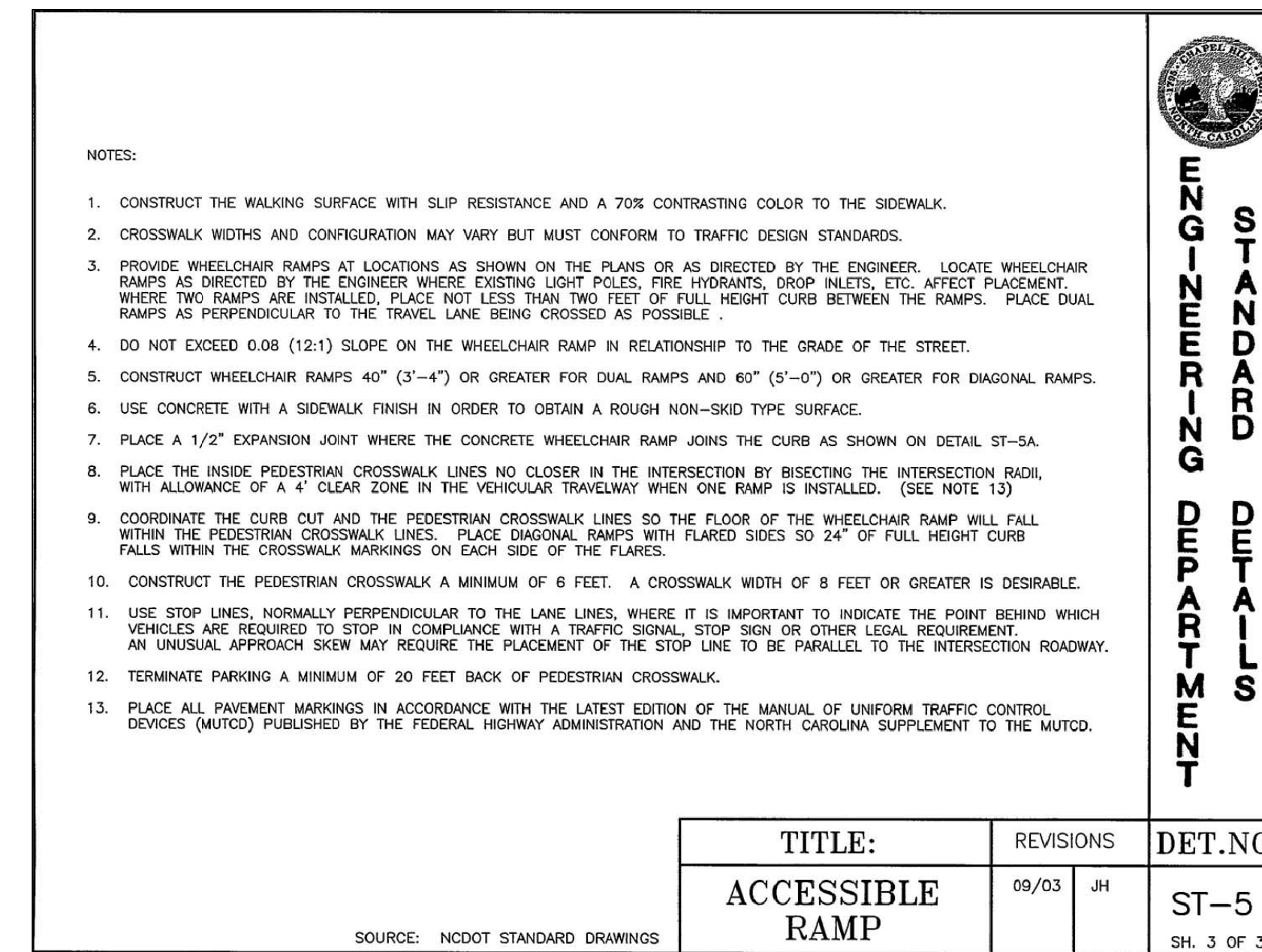
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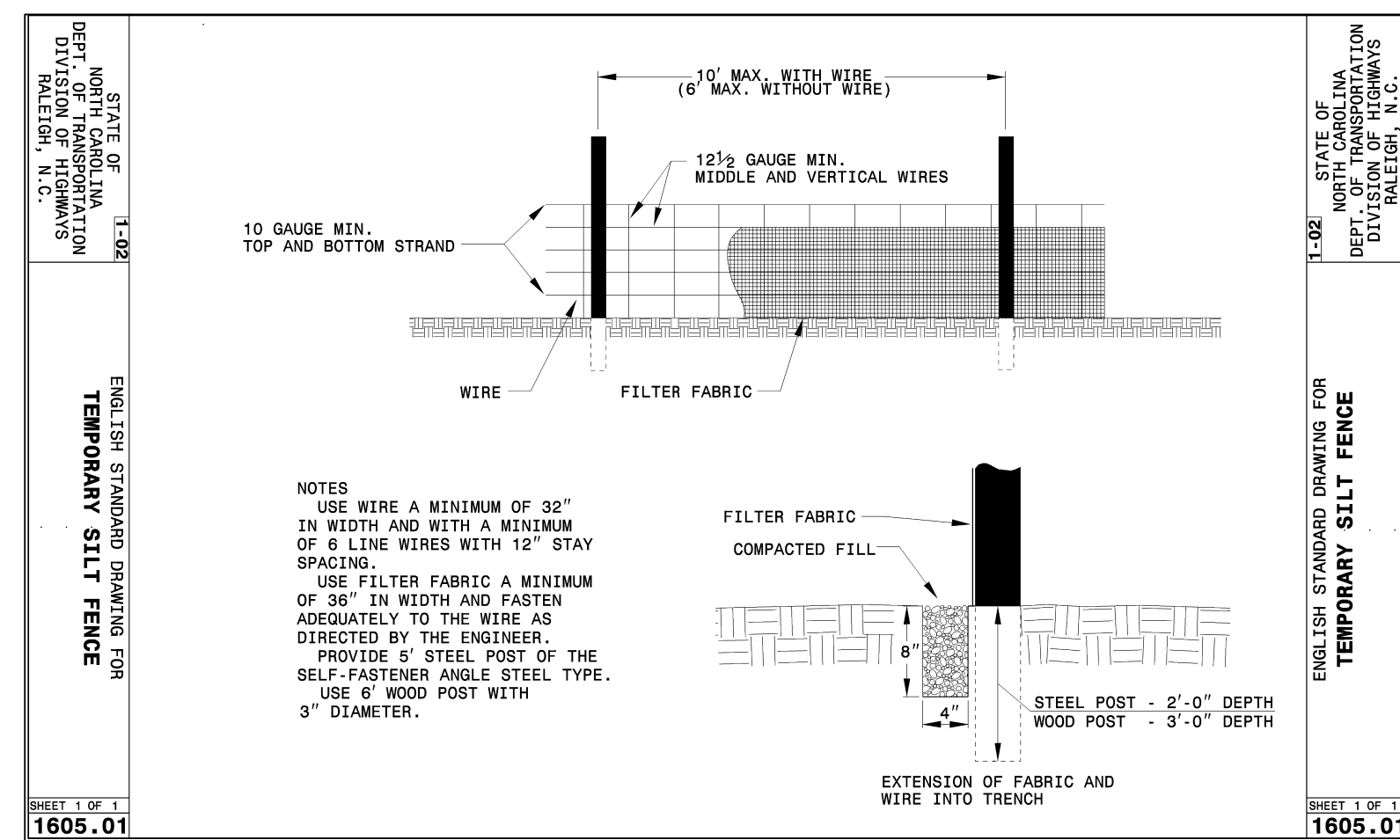
Accessible Ramp DETAIL 7
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Accessible Ramp DETAIL 8
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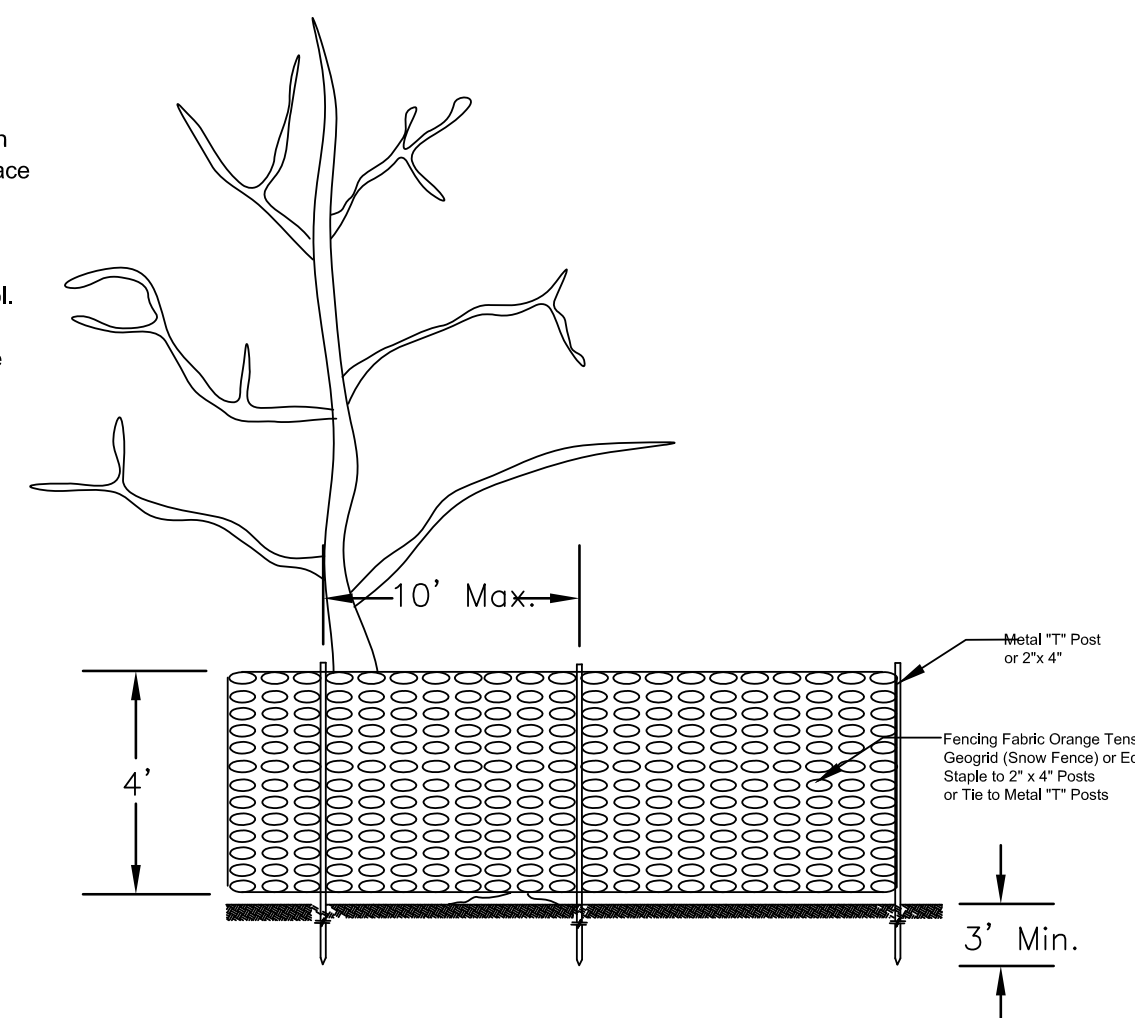


Accessible Ramp Notes DETAIL 9
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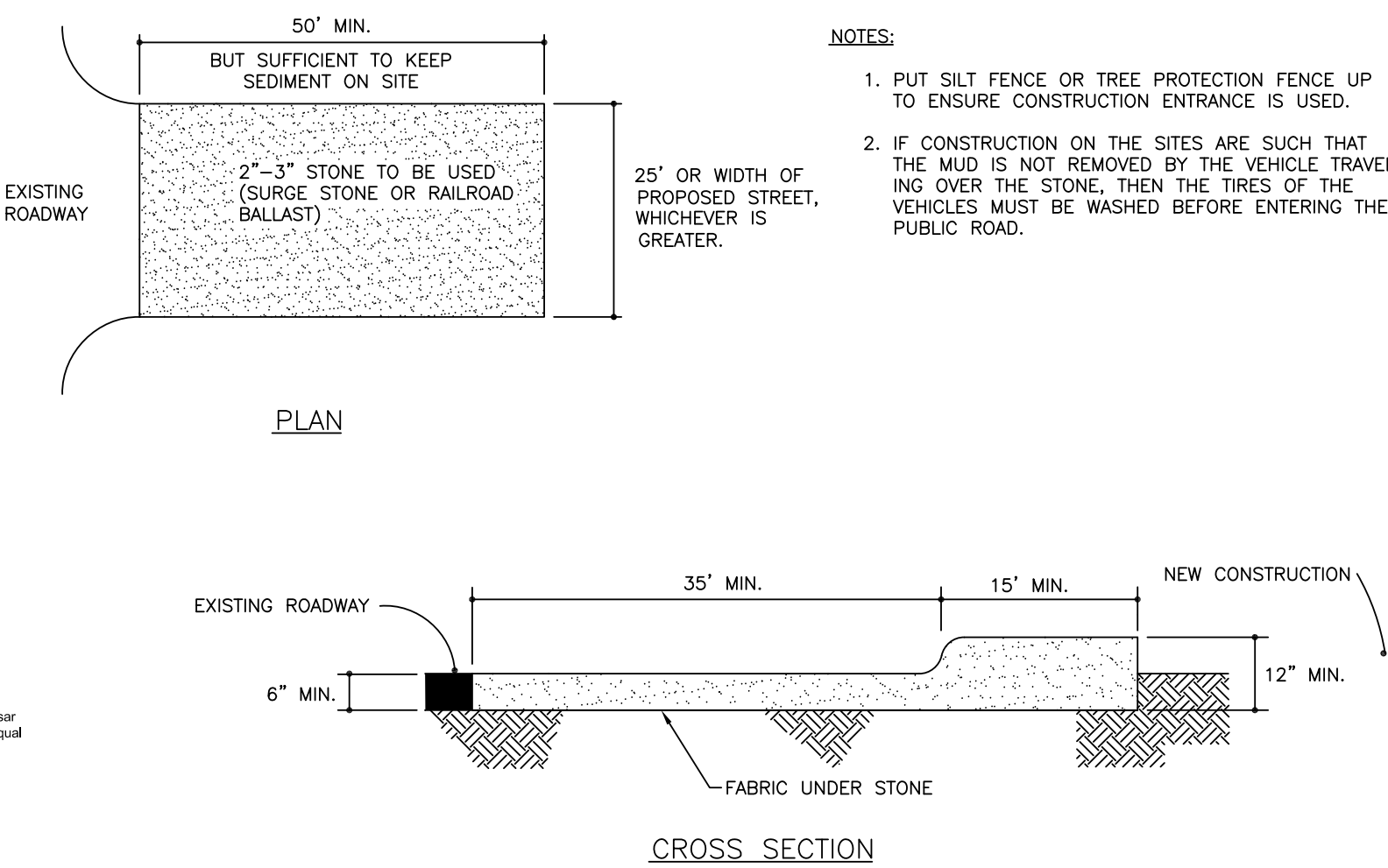


Temporary Silt Fence DETAIL 10
Not to scale

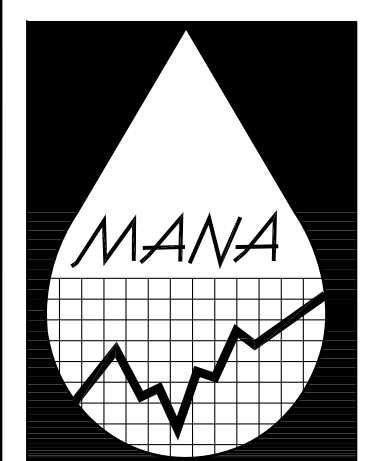
Landscape Protection Notes
Pre-Construction Conference - Prior to the commencement of any construction activities a pre-construction conference with Town's Urban Forester shall take place to review procedures for protection and management of all protected landscape elements identified on the Landscape Protection Plans.
Any tree root exposed by construction will be severed cleanly with a pruning tool.
No nails, ropes, cables, signs, or fencing shall be attached to any part of any tree that is to remain.
Trees that are damaged during construction shall be treated so as to promote their continued health.



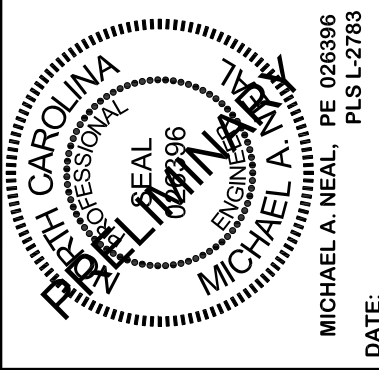
Tree Protection Fence DETAIL 11
Not to scale



Construction Entrance DETAIL 12
Not to scale



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 (919) 644-1277
 (919) 644-1347 FAX
 mneal-mana@att.net



Habitat for Humanity, Orange Co.
 Purefoy Drive Subdivision
 Chapel Hill, North Carolina

Details
 Not to Scale

PRELIMINARY
 Not for Construction

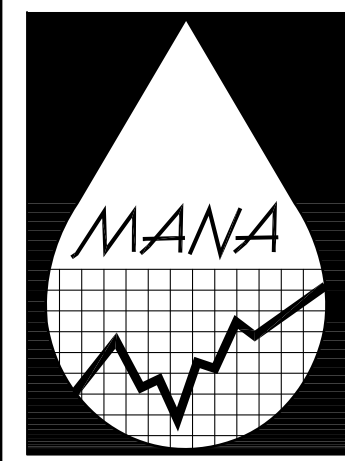
Details
 Date: 10/26/2006
 Revisions: 4/13/07
 6/01/07
 8/10/07

Drawn By KSW
 Checked By MAN
 Project No. 137

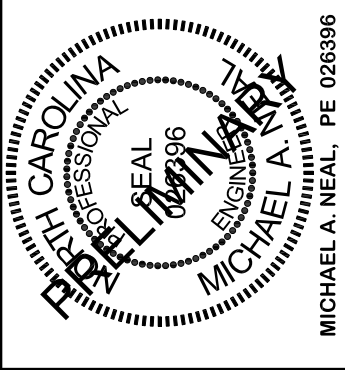
Sheet C7



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 UNDERGROUND UTILITY PROTECTION ACT



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MICHAEL A. NEAL, P.E.
DATE: _____

Habitat for Humanity, Orange Co.
Purefoy Drive Subdivision
Chapel Hill, North Carolina

Traffic Control Details
Not to Scale

PRELIMINARY
Not for Construction

Traffic Control Details
Date: 6/01/07
Revisions: 8/10/07

Drawn By KSW
Checked By MAN
Project No. 137

Sheet C8

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

1-002
ENGLISH STANDARD DRAWING FOR
WORK ZONE ADVANCE WARNING SIGNS

SHEET 1 OF 1
1101.01

FOR WORK ZONE ADVANCE WARNING SIGNS CONTACT THE TRAFFIC CONTROL SECTION AT CENTURY CENTER BUILDING B, 1020 BIRCH RIDGE DR., RALEIGH, N.C., 27610, (919)-250-4151.

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

1-002
ENGLISH STANDARD DRAWING FOR
WORK ZONE ADVANCE WARNING SIGNS

SHEET 1 OF 1
1101.01

ONE LANE CLOSING DETAIL
STD. DETAIL No. 1101.01
SOURCE NC DOT

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

1-002
ENGLISH STANDARD DRAWING FOR
TEMPORARY LANE CLOSURES
2-LANE, 2-WAY ROADWAY-1 LANE CLOSED

SHEET 1 OF 7
1101.02

GENERAL NOTES

REFER TO STD. DOW 1101.11 SHEET 4, FOR SIGN SPACING.
INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC.
REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.
PLACE CONES THROUGH THE WORK AREA AT THE MAXIMUM SPACING EQUAL TO FEET TO 2 TIMES THE POSTED SPEED LIMIT.
EXTEND LANE CLOSURES AT THE BUFFER SPACE BOTH THAT STOPPING SIGHT DISTANCE IS PROVIDED TO THE FLAGGER.
REFER TO STD. DOW 1101.11 SHEET 2.
DO NOT STOP TRAFFIC IN ANY ONE DIRECTION FOR MORE THAN 5 MINUTES AT A TIME.
USE PILOT CARS WHEN DIRECTED BY THE ENGINEER.
USE FLAGMANS TO CONTROL TRAFFIC AT INTERSECTIONS AFFECTED BY THE LANE CLOSURE. ACCORDARY FLAGMANS UTILIZED AT INTERSECTIONS WITH FLAGGER AHEAD SIGNS (450-74) PLACED APPROXIMATELY 200 FT. IN ADVANCE OF THE FLAGGER. WHERE INTERSECTIONS ARE SIGNALIZED, PLACE SIGNALS IN THE FLASH MODE.

LEGEND

- ▲ WARNING FLAG
- ▲ CONE
- PORTABLE SIGN
- FLAGGER
- ⊞ TYPE B WARNING LIGHT (FOR NIGHT USE)
- DIRECTION OF TRAFFIC FLOW

TRAFFIC CONTROL TABLES
STD. DETAIL No. 1101.11, 1 OF 4
SOURCE NC DOT

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

1-002
ENGLISH STANDARD DRAWING FOR
TEMPORARY LANE CLOSURES
DIVIDED MULTI-LANE ROADWAY-1 LANE CLOSED

SHEET 3 OF 7
1101.02

GENERAL NOTES

- IF NECESSARY USE THIS STD FOR ONE-WAY CITY TYPE STREETS WHEN SIGNS MAY BE MOUNTED ON BOTH SIDES OF THE ROADWAY.
- PLACE ARROW PANELS ON THE SHOULDER (PAVED OR UNPAVED). PLACE ARROW PANELS WITHIN THE TAPER IF SHOULDERS DO NOT EXIST.
- MEET THE REQUIREMENTS FOR STOPPING SIGHT DISTANCE AT THE LOCATION OF THE ARROW PANEL. IF NEEDED, EXTEND LANE CLOSURES AT THE BUFFER SPACE, SUCH THAT STOPPING SIGHT DISTANCE TO THE ARROW PANEL IS MET. (SEE STD. 1101.11 SHEET 2)
- PLACE DRUMS IN TAPERS AT THE MAXIMUM SPACING EQUAL TO FEET TO 2 TIMES THE POSTED SPEED LIMIT. PLACE DRUMS ALONG THE BUFFER SPACE AND WORK AREA AT THE MAXIMUM SPACING EQUAL TO FEET TO 2 TIMES THE POSTED SPEED LIMIT.
- REFER TO STD. 1101.11 SHEETS 1 & 4, FOR "L" DISTANCE AND SIGN SPACING.
- REFER TO SHEETS 6 AND 7 FOR TREATMENT OF LANE CLOSURES THROUGH INTERCHANGES.
- PORTRAY A SPEED 10 MPH LESS THAN THE POSTED SPEED LIMIT ON ADVISORY SPEED PANELS (XX MPH, SIGN W13-1), UNLESS A LOWER SPEED IS DETERMINED NECESSARY BY THE ENGINEER.
- INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC.
- REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.
- TIA'S ARE REQUIRED ONLY WHEN A BUFFER SPACE CANNOT BE ATTAINED, OR WHEN DIRECTED BY THE ENGINEER OR THE PLANS, WHEN USED. POSITION THE TIA TO MAINTAIN A ROLL-AHEAD DISTANCE AS RECOMMENDED BY THEIR MANUFACTURER.

LEGEND

- ▲ FLANGING ARROW PANEL (TYPE C)
- TRUCK MOUNTED IMPACT ATTENUATOR (TIA)
- DRUM
- PORTABLE SIGN
- ⊞ TYPE B WARNING LIGHT (FOR NIGHT USE)
- DIRECTION OF TRAFFIC FLOW

TRAFFIC CONTROL TABLES
STD. DETAIL No. 1101.11, 3 OF 4
SOURCE NC DOT

STATE OF NORTH CAROLINA
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RALEIGH, N.C.

1-002
ENGLISH STANDARD DRAWING FOR
TEMPORARY SHOULDER CLOSURES

SHEET 1 OF 1
1101.04

SHOULDER CLOSURES UTILIZING DRUMS

SHOULDER CLOSURES UTILIZING TEMPORARY BARRIER

GENERAL NOTES

- PLACE SHOULDER CLOSED SIGNS ON THE SAME SIDE AS THE SHOULDER THAT IS CLOSED.
- PLACE DRUMS IN THE SHOULDER TAPER AT THE MAXIMUM SPACING EQUAL TO FEET TO THE POSTED SPEED LIMIT. THE MAXIMUM SPACING OF DRUMS ALONG THE WORK AREA AND BARRIER FLARE IS EQUAL TO FEET TO 2 TIMES THE POSTED SPEED LIMIT.
- FLARE THE APPROACH END OF PORTABLE CONCRETE BARRIER BEYOND THE SHOULDER. USE A CRASH CURB FOR PROTECTION IF THE EXPOSED END OF THE BARRIER IS WITHIN THE CLEAR ROADWAY ZONE.
- USE STATIONARY SIGNS FOR LONG TERM OPERATIONS (LONGER THAN 3 DAYS).
- REFER TO STD. 1101.11 SHEETS 1, 3, & 4, FOR "L" DISTANCE, BARRIER FLARE RATES, AND SIGN SPACING.

LEGEND

- PORTABLE CONCRETE BARRIER
- DRUM
- STATIONARY OR PORTABLE SIGN
- DIRECTION OF TRAFFIC FLOW

TEMPORARY SHOULDER CLOSING
STD. DETAIL No. 1101.04
SOURCE NC DOT

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

1-002
ENGLISH STANDARD DRAWING FOR
TEMPORARY LANE CLOSURES
2-LANE, 2-WAY ROADWAY-1 TURN LANE

SHEET 2 OF 7
1101.02

GENERAL NOTES

- REFER TO STD. 1101.11 SHEETS 1 & 4, FOR "L" DISTANCE AND SIGN SPACING.
- PORTRAY A SPEED 10 MPH LESS THAN THE POSTED SPEED LIMIT ON AN ADVISORY SPEED PANEL (XX MPH, SIGN W13-1), UNLESS A LOWER SPEED IS DETERMINED NECESSARY BY THE ENGINEER.
- INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC. REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.
- PLACE CONES ALONGSIDE TO THE WORK AREA AT THE MAXIMUM SPACING EQUAL TO FEET TO 2 TIMES THE POSTED SPEED LIMIT. PLACE DRUMS IN TAPERS AT THE MAXIMUM SPACING EQUAL TO FEET TO THE POSTED SPEED LIMIT. PLACE DRUMS SEPARATING STOPPING TRAFFIC AT THE MAXIMUM SPACING OF 50 FEET.
- EXTEND LANE CLOSURES AT THE BUFFER SPACE BOTH THAT STOPPING SIGHT DISTANCE IS PROVIDED TO THE BEGINNING OF THE APPROACH SHOULDER TAPER. (REFER TO STD. 1101.11 SHEET 2)
- TIA'S ARE REQUIRED ONLY WHEN A BUFFER SPACE CANNOT BE ATTAINED, OR WHEN DIRECTED BY THE ENGINEER OR THE PLANS, WHEN USED. POSITION TIA'S TO MAINTAIN A ROLL-AHEAD DISTANCE AS RECOMMENDED BY THEIR MANUFACTURER.

LEGEND

- DRUM
- ▲ WARNING FLAG
- FLAGGER
- PORTABLE SIGN
- ⊞ TYPE B WARNING LIGHT (FOR NIGHT USE)
- DIRECTION OF TRAFFIC FLOW

TRAFFIC CONTROL TABLES
STD. DETAIL No. 1101.11, 2 OF 4
SOURCE NC DOT

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RALEIGH, N.C.

1-002
ENGLISH STANDARD DRAWING FOR
TEMPORARY LANE CLOSURES
UNDIVIDED MULTI-LANE ROADWAY-1 LANE CLOSED

SHEET 4 OF 7
1101.02

DETAIL OF SIGN PLACEMENT

LEFT LANE CLOSURE

GENERAL NOTES

- RIGHT LANE CLOSURES ON UNDIVIDED ROADWAYS ARE THE SAME AS FOR DIVIDED ROADWAYS AS SHOWN ON SHEET 3, WITH THE EXCEPTION THAT THE APPROACH WARNING SIGNS ARE NOT REQUIRED TO BE MOUNTED ON THE LEFT SIDE OF THE ROADWAY.
- REFER TO NOTES ON SHEET 3.

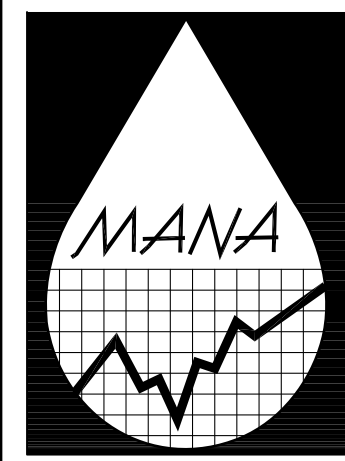
LEGEND

- ▲ FLANGING ARROW PANEL (TYPE C)
- TRUCK MOUNTED IMPACT ATTENUATOR (TIA)
- DRUM
- PORTABLE SIGN
- ⊞ TYPE B WARNING LIGHT (FOR NIGHT USE)
- DIRECTION OF TRAFFIC FLOW

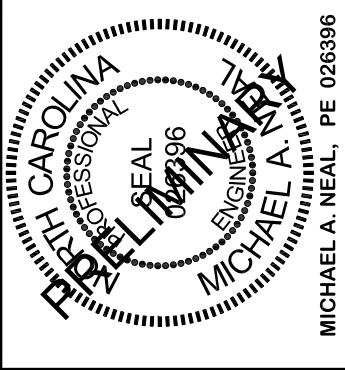
TRAFFIC CONTROL TABLES
STD. DETAIL No. 1101.11, 4 OF 4
SOURCE NC DOT



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DATE:

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Purefoy Drive Subdivision
Chapel Hill, North Carolina

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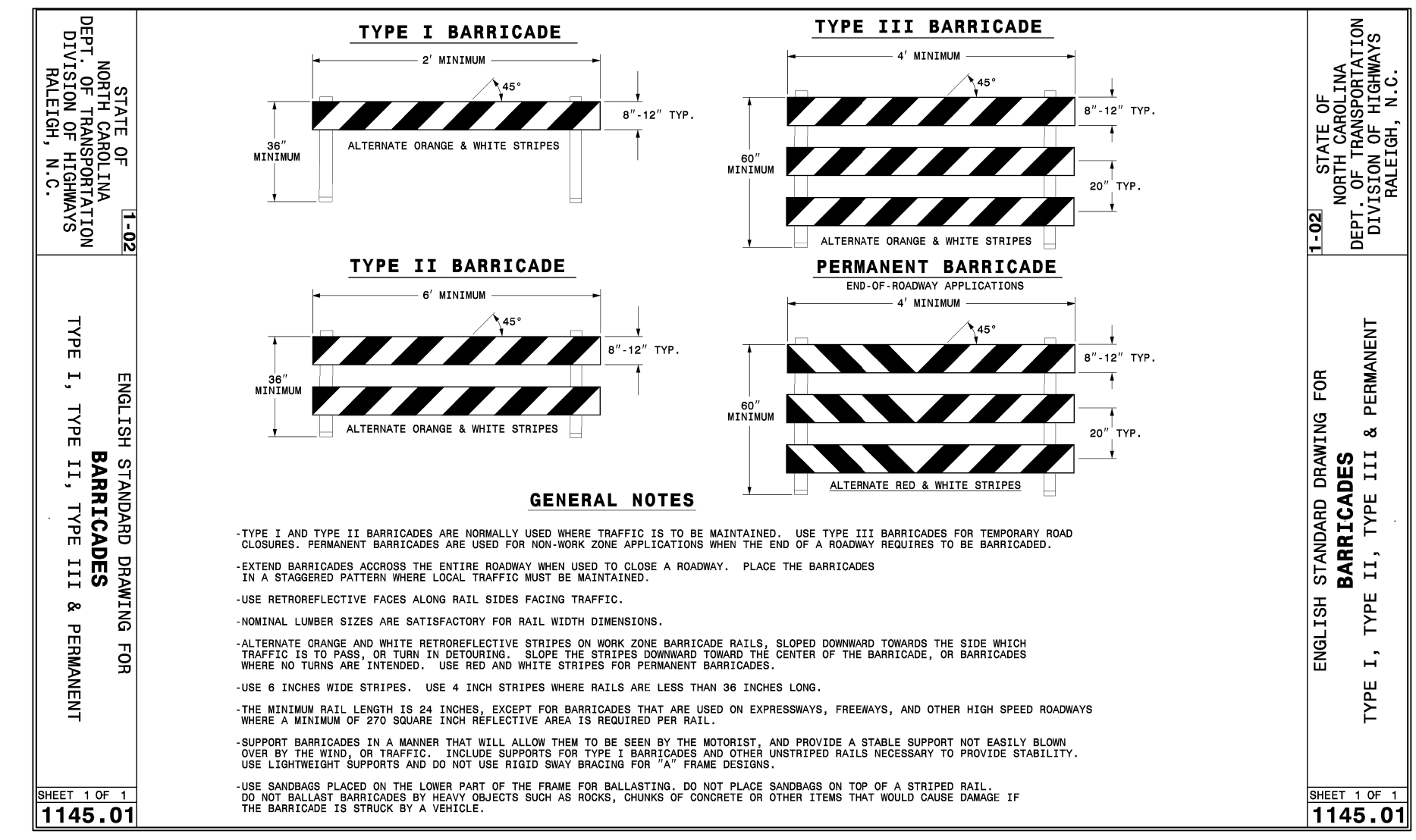
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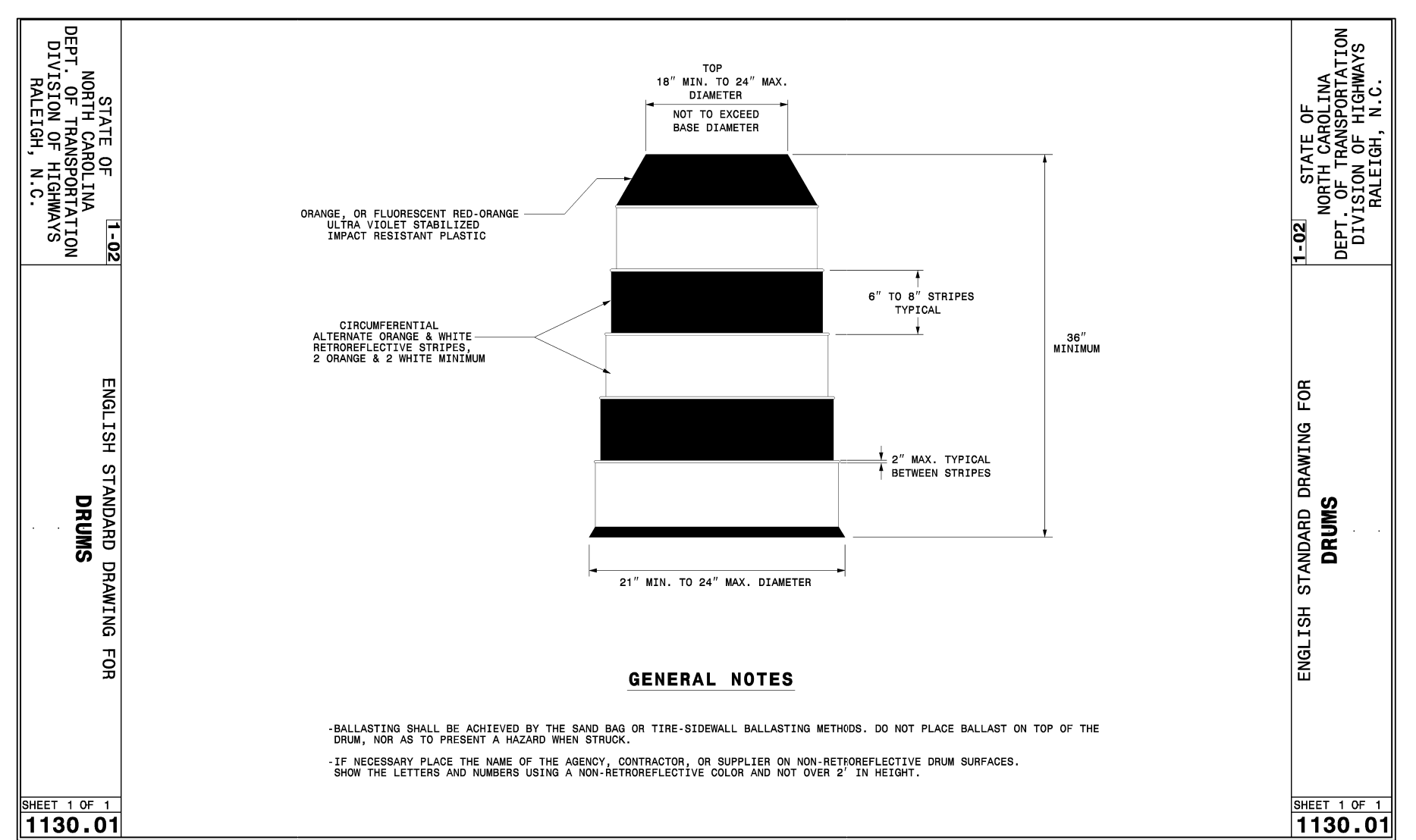
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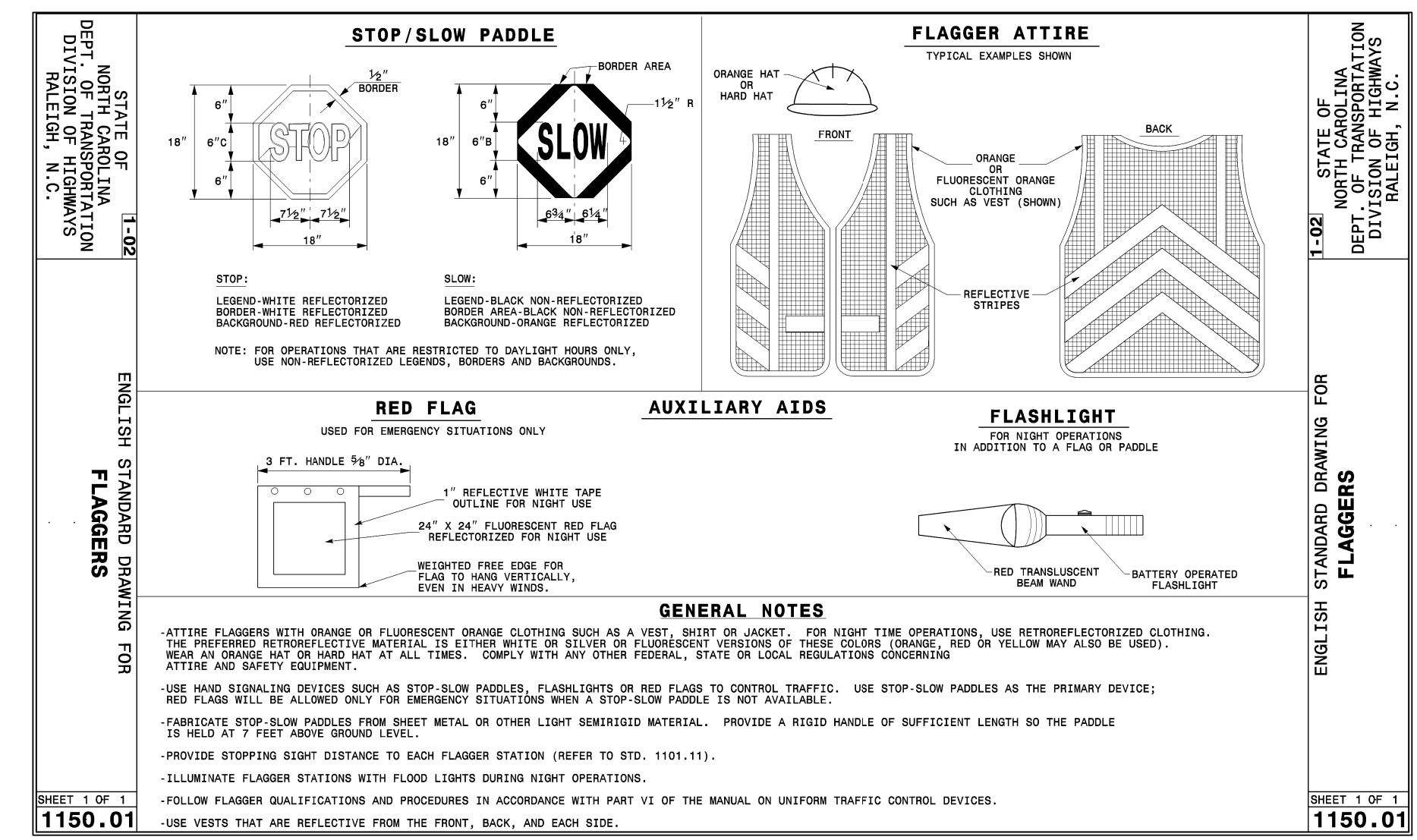
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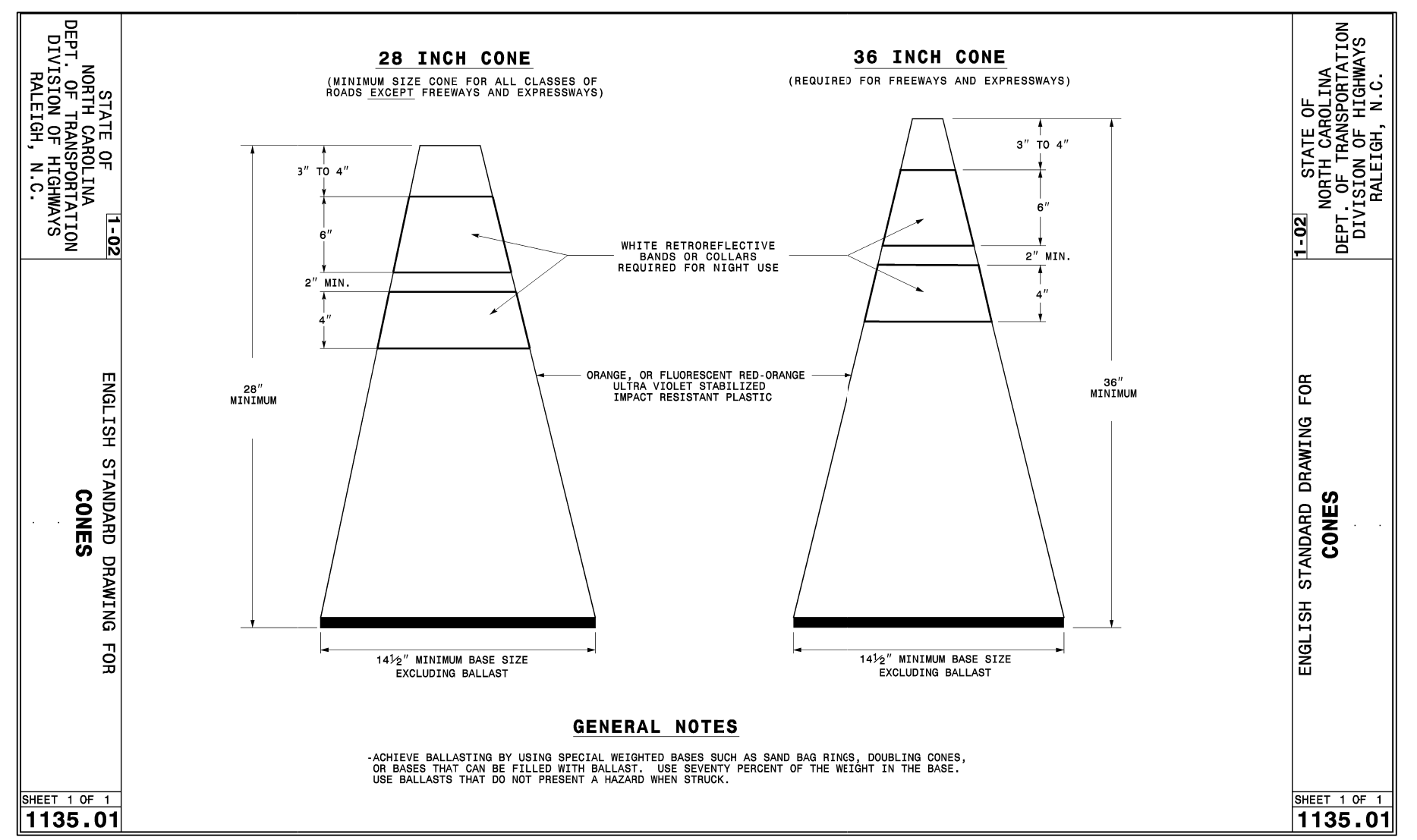
TYPE I, II, III, & PERMANENT BARRICADES
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SOURCE NC DOT



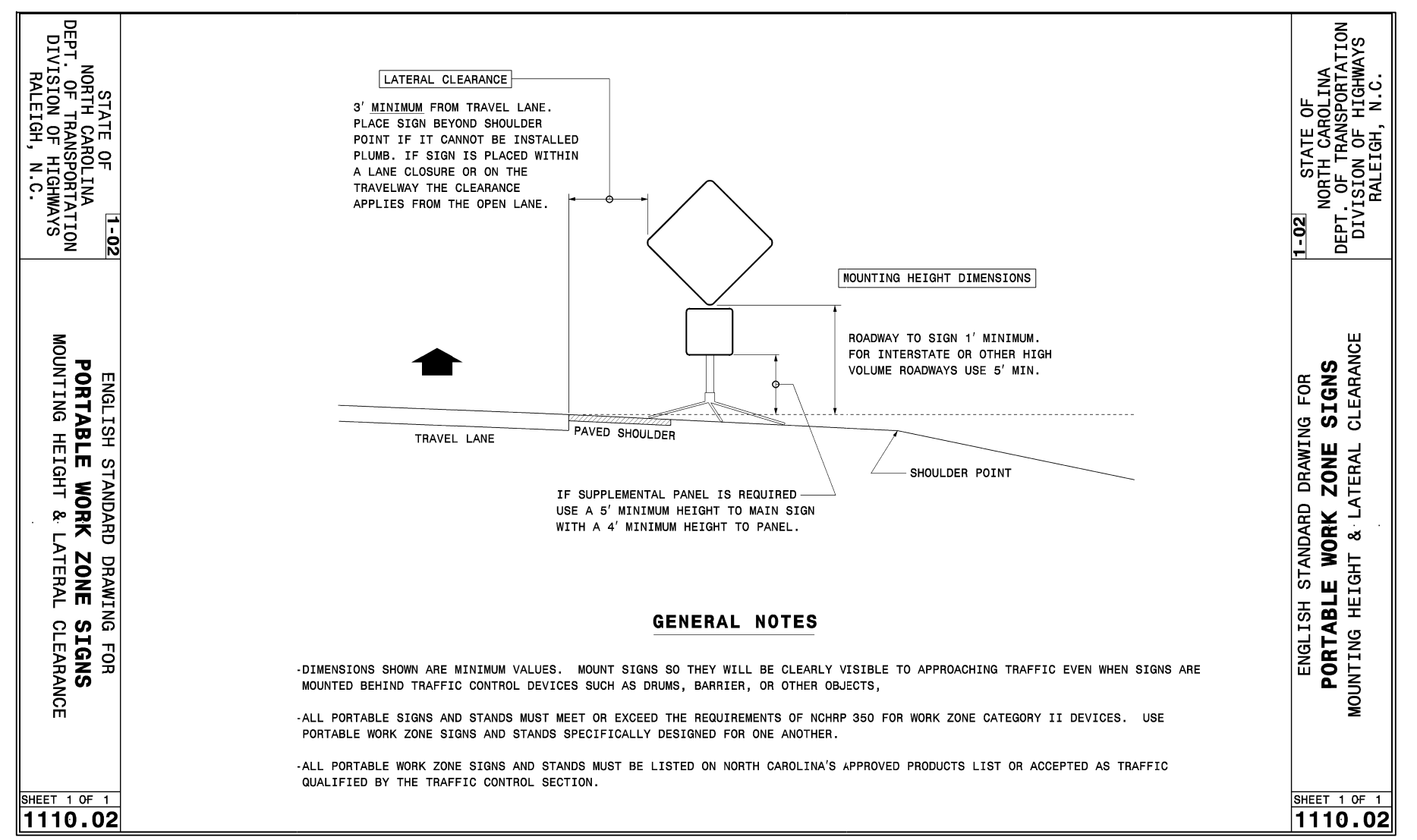
DRUM
STD. DETAIL No. 1130.01
SOURCE NC DOT



FLAGGER
STD. DETAIL No. 1150.01
SOURCE NC DOT



CONES
STD. DETAIL No. 1135.01
SOURCE NC DOT



PORTABLE WORK ZONE SIGN
STD. DETAIL No. 1110.01
SOURCE NC DOT



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