BUILDING DATA PHASE II

BUILDING TYPE	# ON SITE	STORIES	HEIGHT	UNITS/BUILDING	UNITS/TOTAL		BLDG. AREA TOTAL	FOOTPRINT TOTAL
TYPE I	1	3	39'±	24	24		25,563 SF	10,955 SF
TYPE II	1	3	38.5'±	24	24		31,875 SF	13,350 SF
TYPE III	1	3	38.5'±	24	30		25,563 SF	10,730 SF
GARAGE	1	1	14.5'±				2,107 SF	2,107 SF
TOTAL	4				78		85,108 SF	37,142 SF

BUILDING TYPE	CONSTUCTION TYPE	1 BR	2 BR	3 BR	TOTAL UNITS	BLDG AREA	FOOT PRINT	APPROX. BLDG. DIMS AT WIDEST POINT
TYPE I	V-B	12	12		24	25,563 SF	10,955 SF	150' X 79'
TYPE II	V-B		12	12	24	31,875 SF	13,350 SF	197' X 75'
TYPE III	V-B	24	6		30	25,563 SF	10,730 SF	142' X 83'
GARAGE						2,107 SF	2,107 SF	81' X 26'

WATER/SEWER USAGE PHASE II

BLDG. TYPE	DOMESTIC GPM*	DOMESTIC GPD*	NCDENR SEWER (15A, 2T RULES GPD)
TYPE I	55 GPM	2160 GPD	24X240 GPD=5760 GPD
TYPE II	60.5 GPM	3600 GPD	12X240 GPD+12X360 GPD=7200 GPD
TYPE III	56.4 GPM	2160 GPD	30X240 GPD = 7200 GPD

*INFORMATION PROVIDED BY PLUMBING ENGINEER

TOTAL = 20,160 GPD

SITE DATA TABLE

USE:	MULIT-FAMILY APARTMENTS
PARCEL ID#:	R06109-004-029-000 (PARCEL A1-B)
MAP ID#:	313609.06.1730.000
PARCEL AREA:	3.37 ACRES (146,698 SF)
PARCEL ADDRESS:	MOYNET WAY
ZONING:	MF-M
CAMA LAND USE:	URBAN
BUILDING SETBACKS: (REQUIRED)	FRONT SETBACK: 35' TYPICAL, (BLDG. #6 39' MIN.) INTERIOR SIDE SETBACK: 20' TYPICAL CORNER SIDE SETBACK: 30' TYPICAL, (BLDG. #7 34' MIN.) REAR SETBACKS: 25' TYPICAL
BUILDING SETBACKS: (PROPOSED)	FRONT SETBACK: 47.84' INTERIOR SIDE SETBACK: 24' CORNER SIDE SETBACK: 34' REAR SETBACK: 29'
MAX. LOT COVERAGE:	30%
PROPOSED LOT COVERAGE:	25.31%
MAX. BUILDING HEIGHT:	96' (HEIGHTS OVER 35' REQUIRE ADDITIONAL SETBACK)
PROPOSED MAX. BUILDING HEIGHT:	38.5'±

DENSITY PHASE I & II:

ALLOWABLE DENSITY:	SITE AREA 14.15 AC X 17 UNITS/AC=241 UNITS
PROPOSED DENSITY:	223 UNITS (13.11 UNITS/AC)

PARKING REQUIREMENT

PARKING REQ'D: MULTI-FAMILY
MAX.: 2.5 SPACES PER UNIT
MIN.: 1 BR-1.5 PER UNIT
2 BR-2 PER UNIT
3 BR-2.25 PER UNIT

PHASE II REQUIRED MAX:
72 X 2.5=180

PHASE II REQUIRED MIN:
1 BR (36X1.5)=54
2 BR (30X2)=60
3 BR (12X2.25)=27
TOTAL=141
HC ACCESSIBLE=4

PHASE II PROVIDED:
OFF STREET: 134
HC ACCESSIBLE: 4
GARAGE PARKING: 6 (1 IS HC)
TOTAL: 144

BICYCLE PARKING:
PHASE II=10 REQD.

BICYCLE PARKING:
PHASE II=10 PROVIDED

LANDSCAPING REQUIREMENTS (REFER TO LANDSCAPE PLAN)

15 TREES PER DISTURBED ACRE REQUIRED
DISTURBED AREA=___ AC X 15=____ TREES

INTERIOR LANDSCAPING: 20% CANOPY COVER OF INTERIOR AREA OF PARKING FACILITY
STREETYARD LANDSCAPING: 18 MULTIPLIER
FOUNDATION PLANTINGS: 12% FACE OF BUILDING X LENGTH

OPEN SPACE REQUIRED: 35% OF TRACT MINUS WETLANDS, 17.5% EITHER ACTIVE OR PASSIVE, 17.5% ACTIVE, PASSIVE, RECREATION, OR OPEN SPACE.

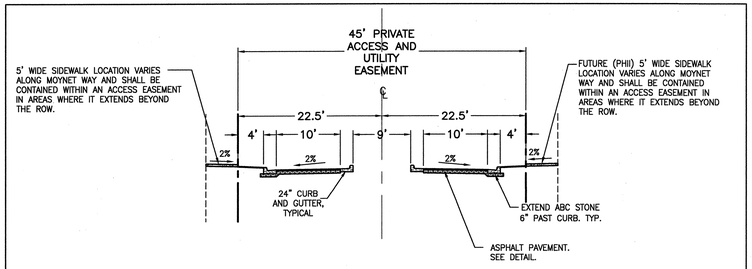
TOTAL TRACT: 14.17 AC MINUS 2.32 WETLANDS=11.85 AC
11.85 AC X .35 = 4.15 AC TOTAL
2.075 (90,387 SF) EITHER ACTIVE OR PASSIVE
2.075 (90,387 SF) ACTIVE, PASSIVE, RECREATION, OR OPEN SPACE

OPEN SPACE PROVIDED:
2.67 (116,552 SF) OPEN SPACE
2.57 (112,013 SF) ACTIVE/RECREATION

SOLID WASTE DISPOSAL:
DUMPSTER/COMPACTOR LOCATED AND CONSTRUCTED IN PHASE I. SEE PLAN.

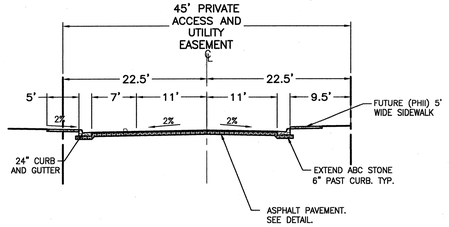
PROPOSED IMPERVIOUS AREA:

BUILDINGS:	37,142 SF
ASPHALT, CURB AND GUTTER:	49,025 SF
SIDEWALK/CONCRETE:	6,462 SF
EXISTING MUP:	6,975 SF
TOTAL:	99,604 SF
PROPOSED % IMPERVIOUS:	67.89%



PROPOSED MOYNET WAY SECTION (PH I)

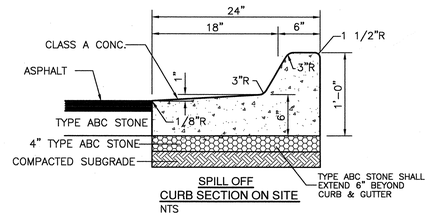
SECTION A-A



PROPOSED MOYNET WAY SECTION WITH ON STREET PARKING (PH I)

SECTION B-B

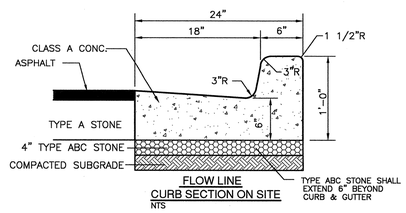
NOT TO SCALE



SPILL OFF CURB SECTION ON SITE

NTS

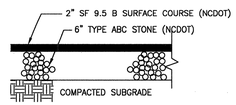
NOTE: CURB TYPE DEPENDS ON GRADES SHOWN ON GRADING PLAN. GRADES INDICATING FALL AWAY FROM CURB SHALL BE SPILL OFF TYPE CURB. GRADES INDICATING CURB ACCEPTING FLOW SHALL BE FLOW LINE TYPE.



FLOW LINE CURB SECTION ON SITE

NTS

NOTE: CURB TYPE DEPENDS ON GRADES SHOWN ON GRADING PLAN. GRADES INDICATING FALL AWAY FROM CURB SHALL BE SPILL OFF TYPE CURB. GRADES INDICATING CURB ACCEPTING FLOW SHALL BE FLOW LINE TYPE.



NOTE: PAVEMENT SECTION MAY VARY DEPENDING UPON FIELD CONDITIONS. CONTRACTOR SHALL COORDINATE W/OWNER & GEOTECHNICAL ENGINEER TO DETERMINE ACTUAL PAVEMENT SECTION.

ASPHALT PAVEMENT SECTION

N.T.S.

SYMBOL	DATE	DESCRIPTION	BY

REVISIONS

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SITE DATA
TIBURON PARC APARTMENTS PHASE II
MOYNET WAY
WILMINGTON, NORTH CAROLINA

OWNER:
NELSON MACRAE
MIDTOWN ONE, LLC
P.O. BOX 3145
WILMINGTON, N.C. 28406
910-392-3300

NORRIS & TUNSTALL
CONSULTING ENGINEERS, INC.
1127 FLORAL PARKWAY
SUITE 400
WILMINGTON, NC, 28403
PHONE (910) 343-9653
FAX (910) 343-9604
office@nktseng.com
licence #C-3641

13065

DES. JST
CKD. JPN
DRWN. NKS
DATE 11/5/13

PRELIMINARY PLANS NOT FOR CONSTRUCTION
NORTH CAROLINA PROFESSIONAL SEAL 19431 JOHN PAUL NEWBERRY NORRIS & TUNSTALL
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION

C1

GRADING, DRAINAGE AND EROSION CONTROL PLAN
TIBURON PARC APARTMENTS PHASE II
MOYNET WAY
WILMINGTON, NORTH CAROLINA

SYMBOL	DATE	DESCRIPTION	BY
		REVISIONS	

©2013 NORRIS & TUNSTALL

OWNER:
NELSON MACRAE
MIDTOWN ONE, LLC
P.O. BOX 3145
WILMINGTON, N.C. 28406
910-392-3300

NORRIS & TUNSTALL
CONSULTING ENGINEERS, INC.
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PHONE (910) 343-9653
FAX (910) 343-9604
office@nntang.com
licence #C-3641

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DES.	JST
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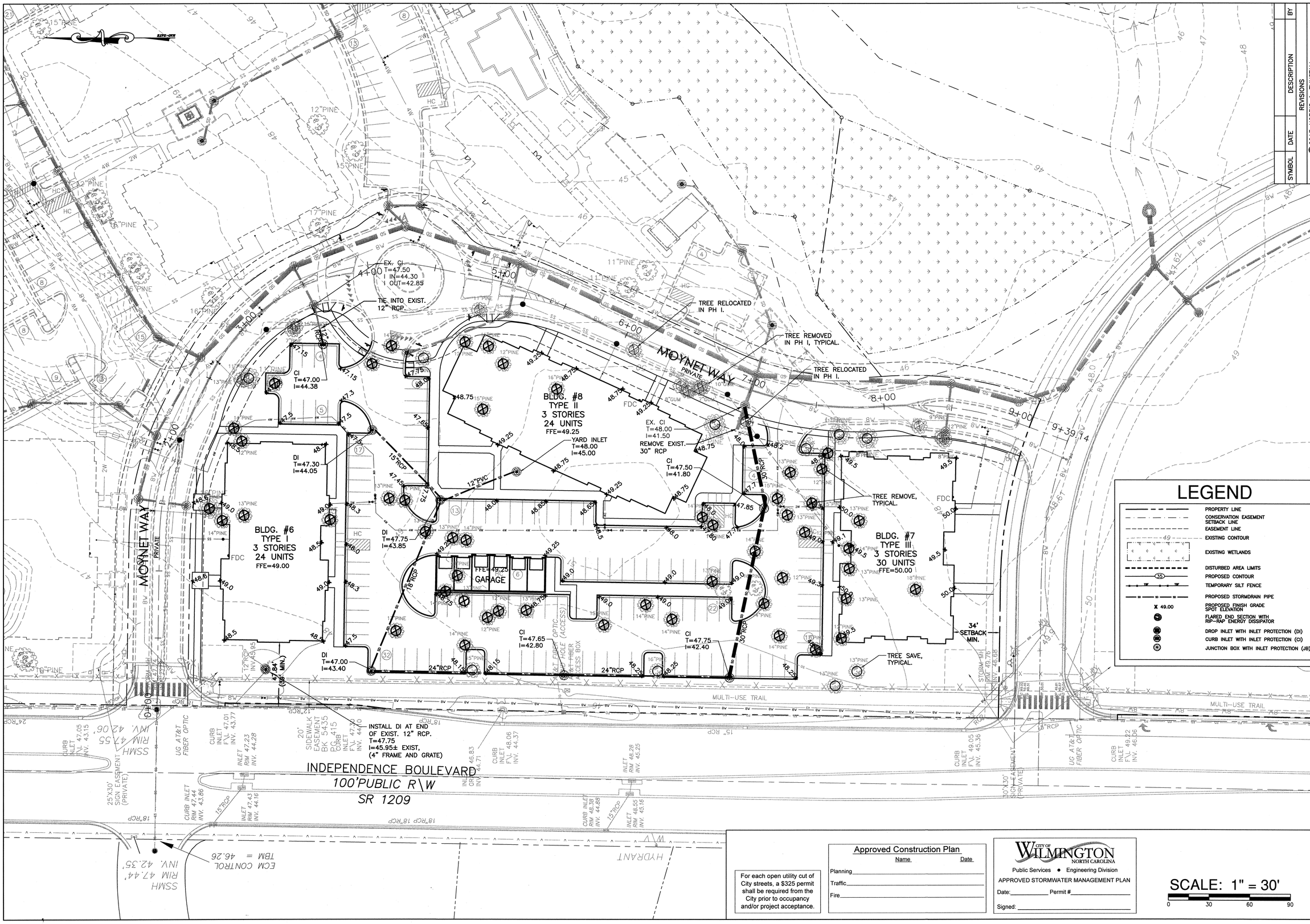
DATE	11/5/13

PROGRESS DRAWINGS
DO NOT USE
FOR CONSTRUCTION

C2



For each open utility cut of City streets, a $325 permit shall be required from the City prior to occupancy and/or project acceptance.

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

CITY OF WILMINGTON NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
Signed: _____

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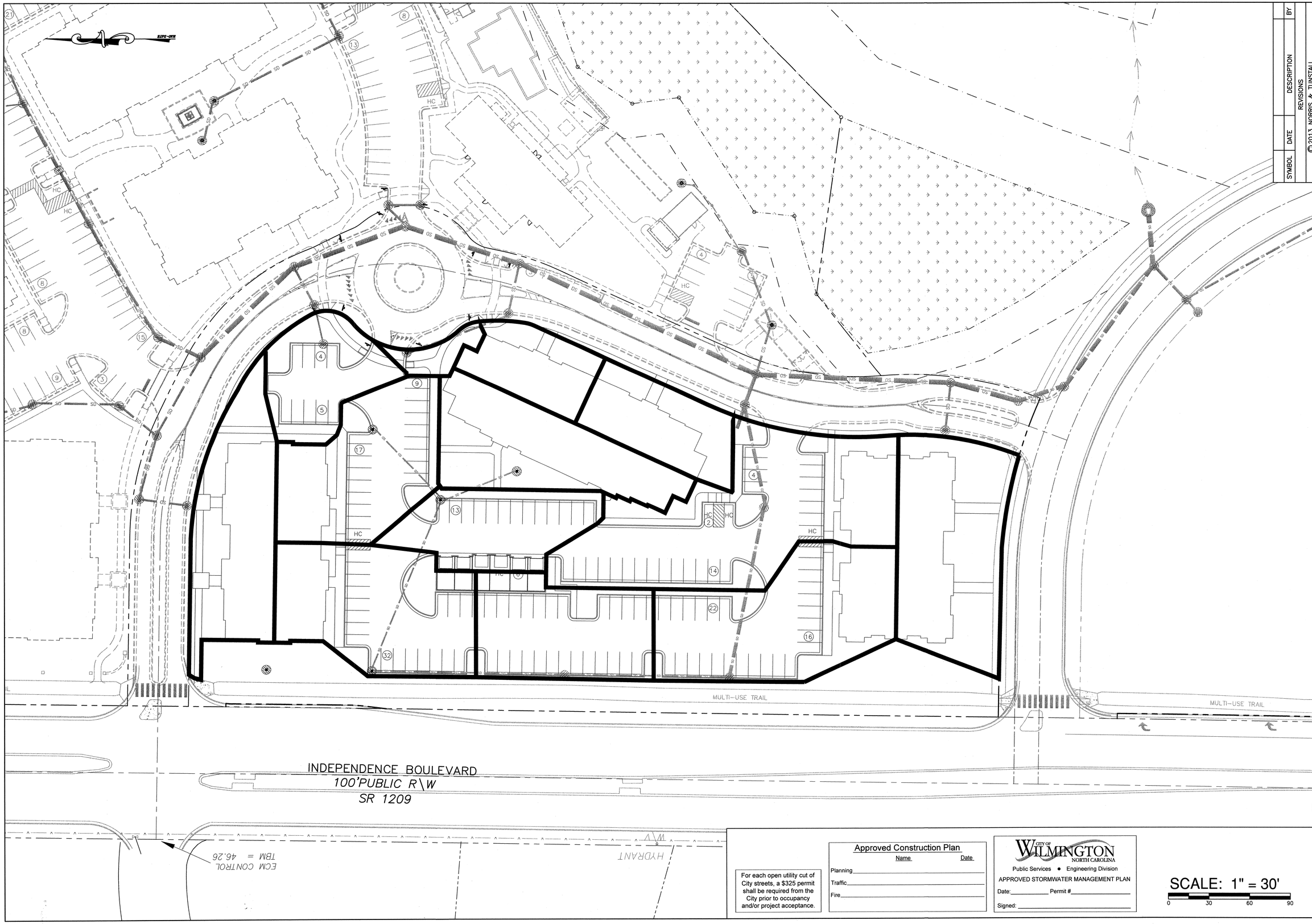

SYMBOL	DATE	DESCRIPTION	BY
		REVISIONS	

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DRAINAGE AREA PLAN

TIBURON PARC APARTMENTS PHASE II
MOYNET WAY
WILMINGTON, NORTH CAROLINA

OWNER:
NELSON MACRAE
MIDTOWN ONE, LLC
P.O. BOX 3145
WILMINGTON, N.C. 28406
910-392-3300

NORRIS & TUNSTALL
CONSULTING ENGINEERS, INC.
1127 FLORAL PARKWAY
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PHONE (910) 343-9653
FAX (910) 343-9604
office@ntengr.com
licence #C-3641

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DATE	11/5/13

PROGRESS DRAWINGS
DO NOT USE
FOR CONSTRUCTION

For each open utility cut of City streets, a $325 permit shall be required from the City prior to occupancy and/or project acceptance.

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

CITY OF WILMINGTON NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date:_____ Permit #_____
Signed: _____

SCALE: 1" = 30'
0 30 60 90

C2.1

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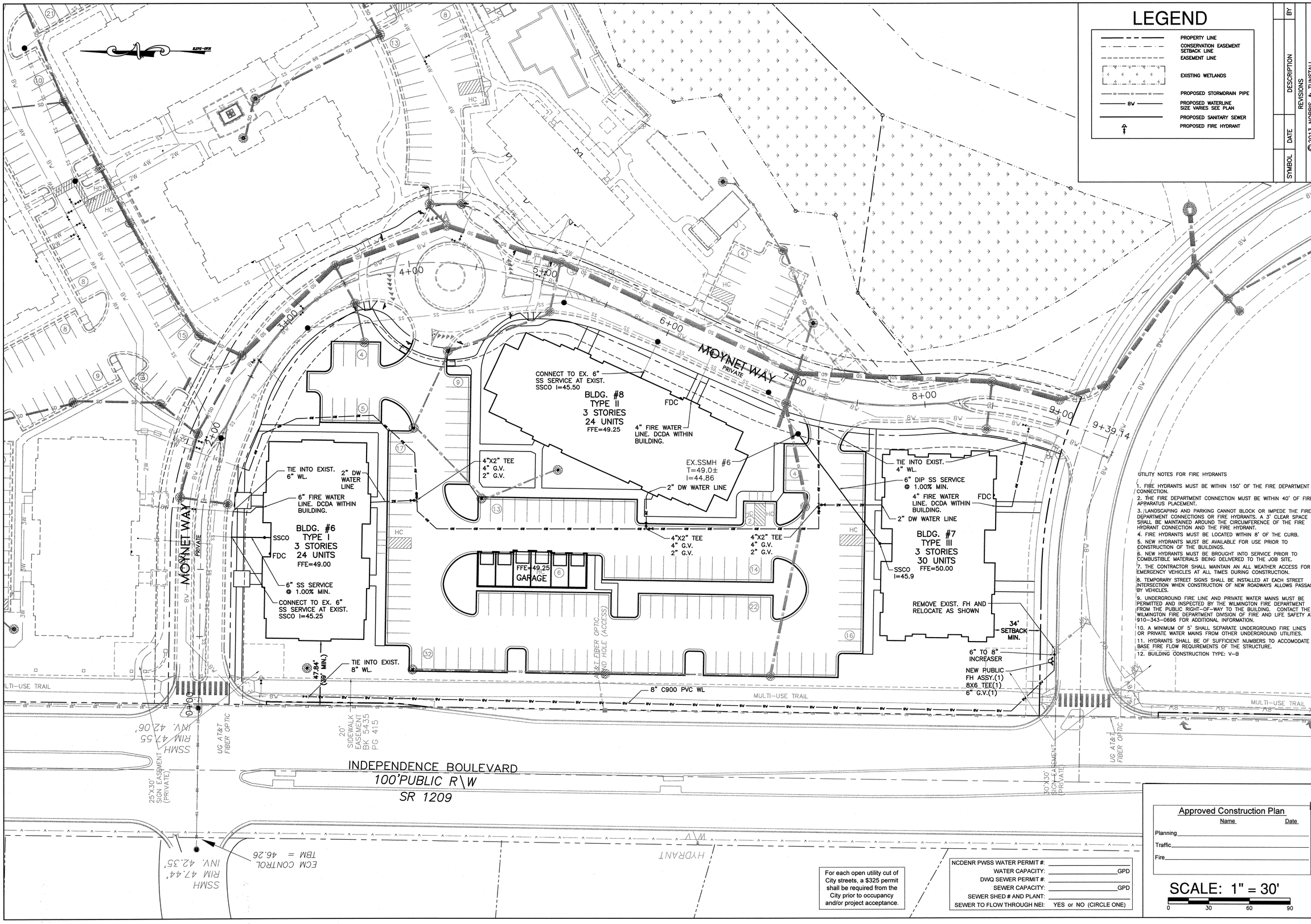

UTILITY NOTES FOR FIRE HYDRANTS

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 SHALL MAINTAIN AN ALL WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
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 ACCOMODATE BASE FIRE FLOW REQUIREMENTS OF THE STRUCTURE.
12. BUILDING CONSTRUCTION TYPE: V-B

For each open utility cut of City streets, a $325 permit shall be required from the City prior to occupancy and/or project acceptance.

NCDENR PWSS WATER PERMIT #: _____
WATER CAPACITY: _____ GPD
DWQ SEWER PERMIT #: _____
SEWER CAPACITY: _____ GPD
SEWER SHED # AND PLANT: _____
SEWER TO FLOW THROUGH NEI: YES or NO (CIRCLE ONE)

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

SCALE: 1" = 30'

0 30 60 90

PROGRESS DRAWINGS DO NOT USE FOR CONSTRUCTION

NORTH CAROLINA PROFESSIONAL SEAL 045355 ENGINEER JAMES S. TUNSTALL

SYMBOL	DATE	DESCRIPTION	BY

REVISIONS

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UTILITY PLAN
TIBURON PARC APARTMENTS PHASE II
MOYNET WAY
WILMINGTON, NORTH CAROLINA

OWNER:
NELSON MACRAE
MIDTOWN ONE, LLC
P.O. BOX 3145
WILMINGTON, N.C. 28406
910-392-3300

NORRIS & TUNSTALL
CONSULTING ENGINEERS, INC.
1127 FLORAL PARKWAY
SUITE 400
WILMINGTON, NC, 28403
PHONE (910) 343-9653
FAX (910) 343-9604
office@nkteng.com
licence #C-3641

13065

DES.	JST
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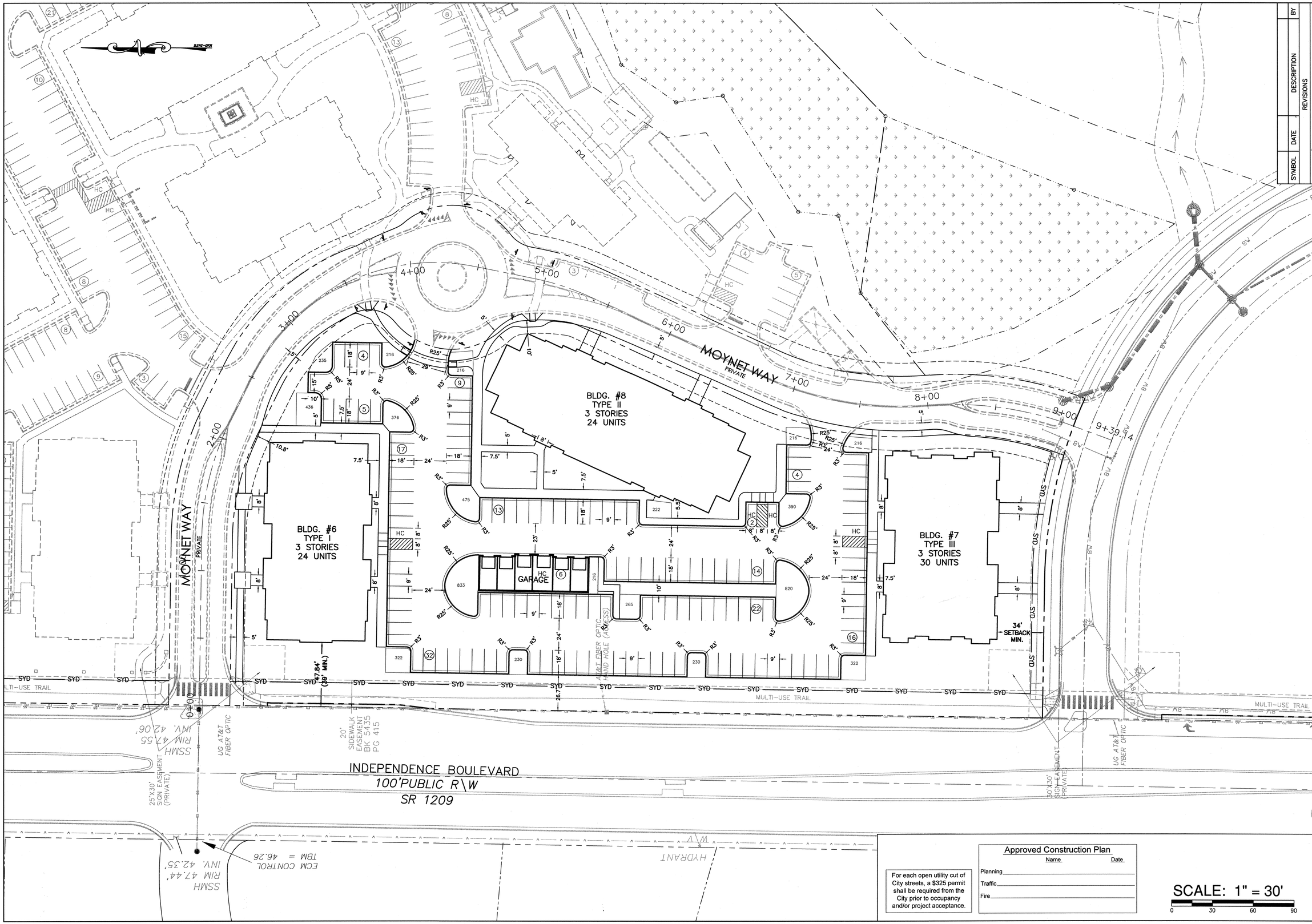
DRWN.	NKS
DATE	11/5/13

C3



For each open utility cut of City streets, a $325 permit shall be required from the City prior to occupancy and/or project acceptance.

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

SCALE: 1" = 30'

0 30 60 90

SYMBOL	DATE	DESCRIPTION	BY

REVISIONS

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LAYOUT PLAN
TIBURON PARC APARTMENTS PHASE II
MOYNET WAY
WILMINGTON, NORTH CAROLINA

OWNER:
NELSON MACRAE
MIDTOWN ONE, LLC
P.O. BOX 3145
WILMINGTON, N.C. 28406
910-392-3300

NORRIS & TUNSTALL
CONSULTING ENGINEERS, INC.
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office@nkteng.com
licence #C-3641

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DES.	JST
CKD.	JPN
DRWN.	NKS
DATE	11/5/13

NORTH CAROLINA PROFESSIONAL SEAL 9851 ENGINEER JOHN S. TUNSTALL

PROGRESS DRAWINGS DO NOT USE FOR CONSTRUCTION

C4

THE OLEANDER COMPANY
BK 786 PG 31
CONSERVATION EASEMENT
NORTH CAROLINA COASTAL LAND TRUST
BK 3348 PG 985-997

EXISTING IRON

O&I-1
R06109-004-027-000
2025 INDEPENDENCE BLVD.
NEW HANOVER BOARD OF EDUCATION
ALDERMAN ELEMENTARY
BK. 5430 PG. 1613

PARCEL D
22.84 Acres
WETLANDS
ZONE: R-15, O&I-1(CD)

WETLAND
2.94 AC
2.32 AC TRACT A1-1
0.62 AC TRACT A2

25' CONSERVATION EASEMENT SETBACK

116,552 SF
OPEN SPACE

CONSERVATION EASEMENT SETBACK LINE

PARCEL A2
213288 Sq. Feet
4.90 Acres
ZONE: O&I-1(CD), MF-M

CONSERVATION EASEMENT SETBACK LINE

PARCEL A1-A
470687 Sq. Feet
R06109-004-028-000
10.81 Acres
MF-M

BLDG. #3
TYPE II
3 STORIES
24 UNITS

14,615 SF

197'±

75'±

BLDG. #5
TYPE IV
4 STORIES
32 UNITS

177'±

16,303 SF

17,442 SF

BLDG. #2
TYPE III
3 STORIES
30 UNITS

83'±

142'±

BLDG. #4
TYPE III
3 STORIES
30 UNITS

142'±

30,960 SF

GARAGE

HC

MOYNET WAY
PRIVATE

PARCEL A3
145530 Sq. Feet
3.34 Acres
ZONE: O&I-1(CD)

BLDG. #8
TYPE II
3 STORIES
24 UNITS

PARCEL A1-B
146698 Sq. Feet
R06109-004-029-000
3.37 Acres
MF-M

4,262 SF

BLDG. #1
TYPE I
3 STORIES
24 UNITS

79'±

150'±

BLDG. #6
TYPE I
3 STORIES
24 UNITS

BLDG. #7
TYPE III
3 STORIES
30 UNITS

34' SETBACK MIN.

9,253 SF
MULTI-USE TRAIL

19,178 SF
MULTI-USE TRAIL

MULTI-USE TRAIL

INDEPENDENCE BOULEVARD
100' PUBLIC R\W
SR 1209

For each open utility cut of City streets, a $325 permit shall be required from the City prior to occupancy and/or project acceptance.

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

LEGEND

- OPEN SPACE
- ACTIVE/RECREATION OPEN SPACE
- PROPERTY LINE
- CONSERVATION EASEMENT SETBACK LINE
- EASEMENT LINE
- BUFFER LINE
- BUILDING SETBACK LINE
- STREETYARD LINE
- EXISTING WETLANDS

OPEN SPACE REQUIRED: 35% OF TRACT MINUS WETLANDS, 17.5% EITHER ACTIVE OR PASSIVE, 17.5% ACTIVE, PASSIVE, RECREATION, OR OPEN SPACE.

TOTAL TRACT: 14.17 AC MINUS 2.32 WETLANDS=11.85 AC
11.85 AC X .35 = 4.15 AC TOTAL
2.075 (90,387 SF) EITHER ACTIVE OR PASSIVE
2.075 (90,387 SF) ACTIVE, PASSIVE, RECREATION, OR OPEN SPACE

OPEN SPACE PROVIDED:
2.67 (116,552 SF) OPEN SPACE
2.57 (112,013 SF) ACTIVE/RECREATION

SCALE: 1" = 40'
0 40 80 120

SYMBOL	DATE	DESCRIPTION	BY
		REVISIONS	

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OPEN SPACE PLAN
TIBURON PARC APARTMENTS
2945 MOYNET WAY
WILMINGTON, NORTH CAROLINA

OWNER:
NELSON MACRAE
MIDTOWN ONE, LLC
P.O. BOX 3145
WILMINGTON, N.C. 28406
910-392-3300

NORRIS & TUNSTALL
CONSULTING ENGINEERS, INC.
1127 FLORAL PARKWAY
SUITE 400
WILMINGTON, NC, 28403
PHONE (910) 343-9653
FAX (910) 343-9604
office@nnteng.com
licence #C-3641

PERMIT SET

12073

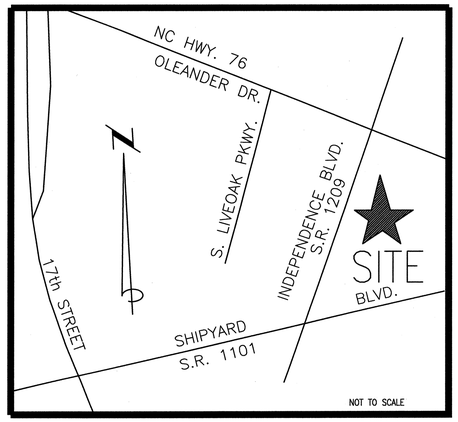
DES.	JST
CKD.	JPN
DRWN.	NKS
DATE	8/19/13

PROFESSIONAL ENGINEER SEAL 19651 NORTH CAROLINA JOHN S. TUNSTALL

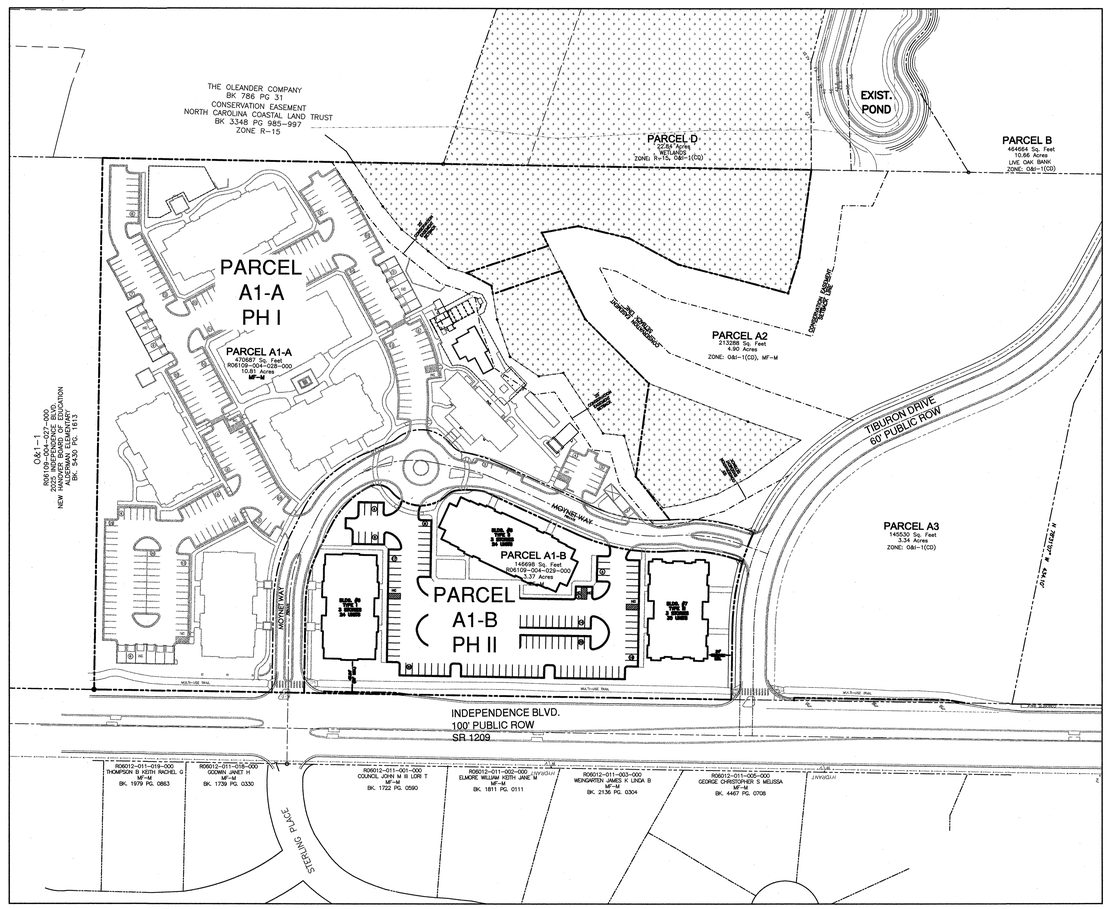
C4.1

TIBURON PARC APARTMENTS

PHASE II
WILMINGTON, NC
NEW HANOVER COUNTY



LOCATION MAP



SCALE: 1" = 100'

OWNER/DEVELOPER
NELSON MACRAE MIDTOWN ONE, LLC
P.O. BOX 3145
WILMINGTON, N.C. 28406
910-392-3300

SURVEYOR
HANOVER DESIGN SERVICES, P.A.
1123 FLORAL PARKWAY
WILMINGTON NC 28403
910-343-8002

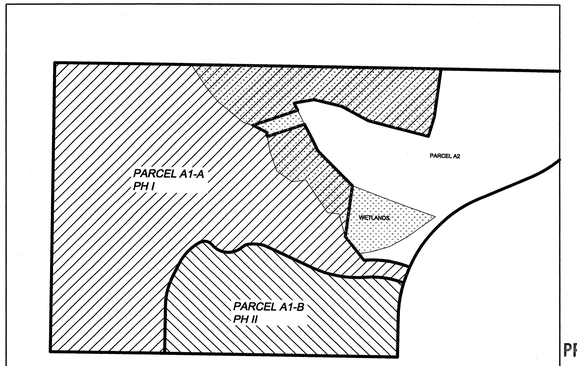
NORRIS & TUNSTALL
CONSULTING ENGINEERS, INC.

1127 FLORAL PARKWAY
SUITES 300 & 400
WILMINGTON, NC, 28403

PHONE (910) 343-9653
FAX (910) 343-9604
office@nkteng.com
licence #C-0520

LEGEND

- PROPERTY LINE
- CONSERVATION EASEMENT SETBACK LINE
- EXISTING WETLANDS



PARCEL BOUNDARY DIVISIONS

NOT TO SCALE

For each open utility cut of City streets, a $325 permit shall be required from the City prior to occupancy and/or project acceptance.

NCDENR PWSS WATER PERMIT #: _____
WATER CAPACITY: _____ GPD
DWQ SEWER PERMIT #: _____
SEWER CAPACITY: _____ GPD
SEWER SHED # AND PLANT: _____
SEWER TO FLOW THROUGH NEI: YES or NO (CIRCLE ONE)

CITY OF WILMINGTON NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

SYMBOL	DATE	DESCRIPTION	BY
		REVISIONS	

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COVER SHEET
TIBURON PARC APARTMENTS PHASE II
MOYNET WAY
WILMINGTON, NORTH CAROLINA

OWNER:
NELSON MACRAE
MIDTOWN ONE, LLC
P.O. BOX 3145
WILMINGTON, N.C. 28406
910-392-3300

NORRIS & TUNSTALL
CONSULTING ENGINEERS, INC.
1127 FLORAL PARKWAY
SUITE 400
WILMINGTON, NC, 28403
PHONE (910) 343-9653
FAX (910) 343-9604
office@nkteng.com
licence #C-3641

13065

DES.	JST
CKD.	JPN
DRWN.	NKS
DATE	10/29/13

PROGRESS DRAWINGS DO NOT ISSUE FOR CONSTRUCTION

C0

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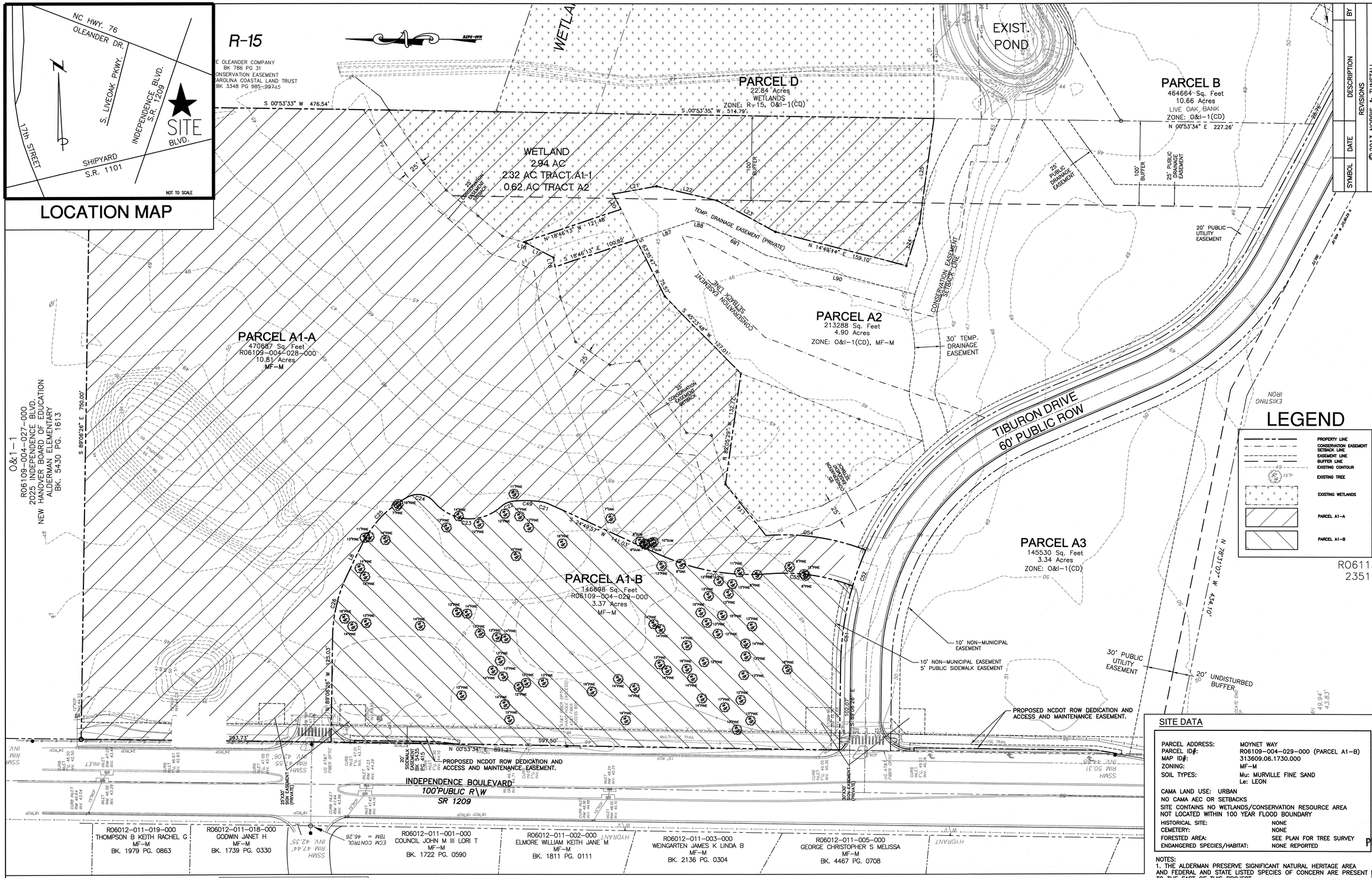

SITE DATA

PARCEL ADDRESS:	MOYNET WAY
PARCEL ID#:	R06109-004-029-000 (PARCEL A1-B)
MAP ID#:	313609.06.1730.000
ZONING:	MF-M
SOIL TYPES:	Mu: MURVILLE FINE SAND Le: LEON

CAMA LAND USE: URBAN
NO CAMA AEC OR SETBACKS
SITE CONTAINS NO WETLANDS/CONSERVATION RESOURCE AREA
NOT LOCATED WITHIN 100 YEAR FLOOD BOUNDARY

HISTORICAL SITE:	NONE
CEMETERY:	NONE
FORESTED AREA:	SEE PLAN FOR TREE SURVEY
ENDANGERED SPECIES/HABITAT:	NONE REPORTED

NOTES:
1. THE ALDERMAN PRESERVE SIGNIFICANT NATURAL HERITAGE AREA AND FEDERAL AND STATE LISTED SPECIES OF CONCERN ARE PRESENT TO THE EAST OF THIS PROJECT.
2. THE CONSERVATION RESOURCE SHALL BE PERMANENTLY PROTECTED AND SHALL NOT BE CLEARED OF VEGETATION, SHALL BE FREE OF DEVELOPMENT IMPACTS, SHALL REMAIN UNDIVIDED, SHALL BE PERMANENTLY PRESERVED BY A CONSERVATION EASEMENT.

NCDENR PWSS WATER PERMIT #: _____
WATER CAPACITY: _____ GPD
DWQ SEWER PERMIT #: _____
SEWER CAPACITY: _____ GPD
SEWER SHED # AND PLANT: _____
SEWER TO FLOW THROUGH NEI: YES or NO (CIRCLE ONE)

CITY OF WILMINGTON NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan

	Name	Date
Planning		
Traffic		
Fire		

For each open utility cut of City streets, a $325 permit shall be required from the City prior to occupancy and/or project acceptance.

SURVEYOR:
TOPOGRAPHIC SURVEY & COMPOSIT MAP BY:
HANOVER DESIGN SERVICES, P.A.
LAND SURVEYORS ENGINEERS LAND PLANNERS
319 WALNUT STREET
WILMINGTON, N.C. 28401
PHONE: 910 343-8002
FAX: 910 343-9941

APPLICANT/PREPARER OF PLAN:
NORRIS & TUNSTALL CONSULTING ENGINEERS, INC.
1127 FLORAL PARKWAY
SUITE 300/400
WILMINGTON, NC, 28403
PHONE (910) 343-9653
(910) 343-9604 FAX
LICENCE #C-3641

OWNER:
NELSON MACRAE
MIDTOWN ONE, LLC
P.O. BOX 3145
WILMINGTON, N.C. 28406
910-392-3300

SCALE: 1" = 50'
0 50 100 150

SYMBOL	DATE	DESCRIPTION	BY
		REVISIONS	

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INVENTORY SITE PLAN

TIBURON PARC APARTMENTS PHASE II
MOYNET WAY
WILMINGTON, NORTH CAROLINA

NORRIS & TUNSTALL
CONSULTING ENGINEERS, INC.
1127 FLORAL PARKWAY
SUITE 400
WILMINGTON, NC, 28403
PHONE (910) 343-9653
FAX (910) 343-9604
office@nktengr.com
licence #C-3641

13065

DES.	JST
CKD.	JPN
DRWN.	NKS
DATE	10/29/13

PROGRESS DRAWINGS
DO NOT USE
FOR CONSTRUCTION
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 19851 JOHN P. TUNSTALL

I1

F:\Projects\2013\13065 Tiburon Parc Apts. - Phase II (78 Units)\13065 Plans\13065.master.dwg, 10/29/2013 2:25:13 PM

TREE SURVEY

TIBURON PARC

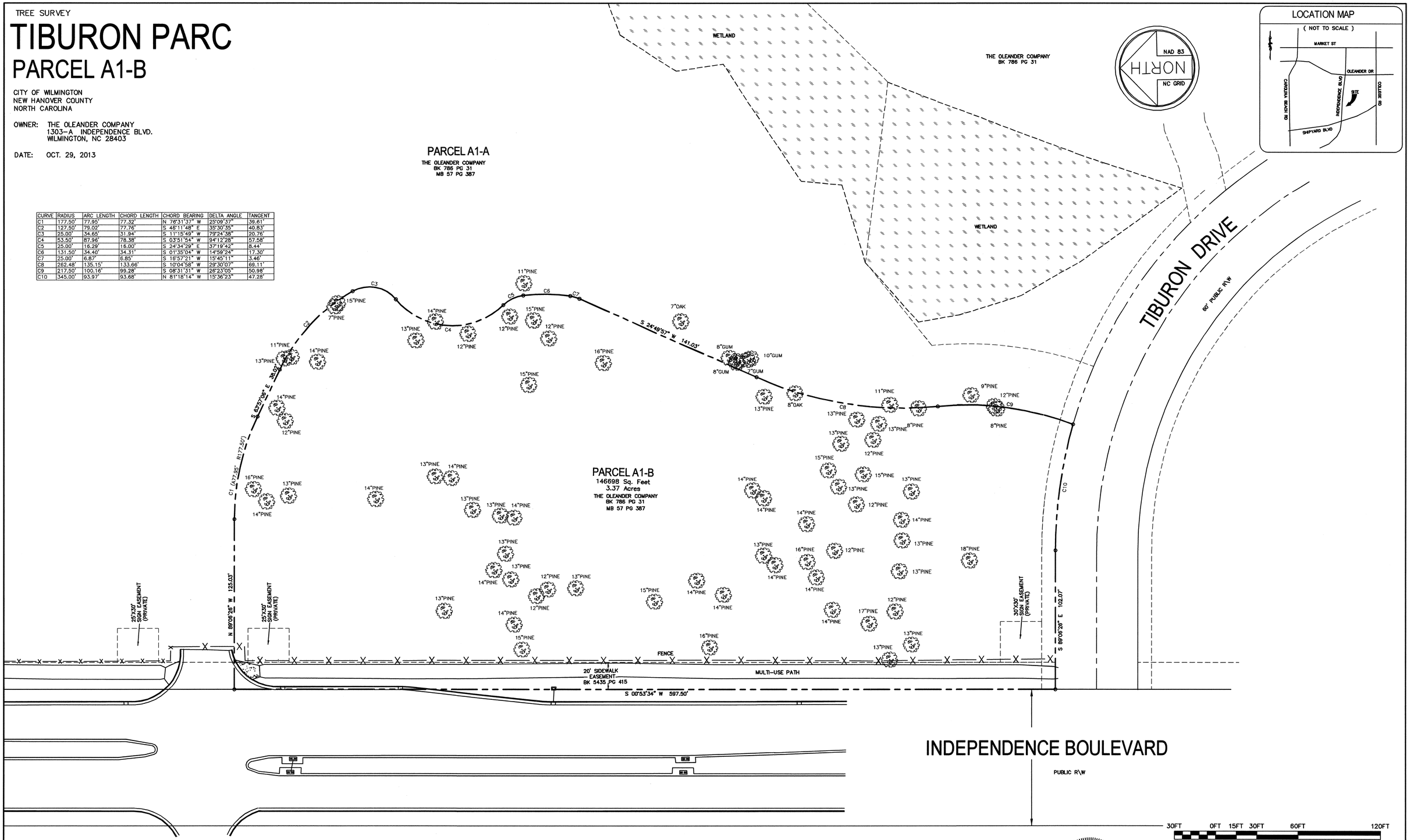
PARCEL A1-B

CITY OF WILMINGTON
NEW HANOVER COUNTY
NORTH CAROLINA

OWNER: THE OLEANDER COMPANY
1303-A INDEPENDENCE BLVD.
WILMINGTON, NC 28403

DATE: OCT. 29, 2013

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE	TANGENT
C1	177.50'	77.95'	77.32'	N 76°31'37" W	25°09'37"	39.61'
C2	127.50'	79.02'	77.76'	S 46°11'48" E	35°50'35"	40.83'
C3	25.00'	34.65'	31.94'	S 11°15'49" W	79°24'38"	20.76'
C4	53.50'	87.96'	78.38'	S 03°51'54" W	94°12'28"	57.58'
C5	25.00'	16.29'	16.00'	S 24°34'29" E	37°19'42"	8.44'
C6	131.50'	34.40'	34.31'	S 01°35'04" W	14°59'24"	17.30'
C7	25.00'	6.87'	6.85'	S 18°57'21" W	15°45'11"	3.46'
C8	262.48'	135.15'	133.66'	S 10°04'58" W	29°30'07"	69.11'
C9	217.50'	100.16'	99.28'	S 08°31'31" W	26°23'05"	50.98'
C10	345.00'	93.97'	93.68'	N 81°18'14" W	15°36'23"	47.28'



NOTES

1. AREA COMPUTED BY COORDINATE METHOD
2. ALL DISTANCES ARE HORIZONTAL
3. FOR REFERENCE SEE BOOK 786 PAGE 31
4. TREES SURVEYED JAN. 2008 – DEC. 2012

LEGEND

PROPERTY LINE
BUILDING SETBACK
CENTERLINE
EASEMENT
COMPUTED PROPERTY LINE

LEGEND

E.I.P. = EXISTING IRON PIPE
E.I. = EXISTING IRON
E.C.M. = EXISTING CONCRETE MONUMENT
R\W = RIGHT OF WAY
C.P. = COMPUTED POINT

NORTH CAROLINA PROFESSIONAL SEAL L-3391 LAND SURVEYOR JONATHAN E. WAYNE

HANOVER DESIGN SERVICES, P.A.
LAND SURVEYORS ENGINEERS LAND PLANNERS
1123 FLORAL PARKWAY
WILMINGTON, N.C. 28403
PHONE: (910) 343-8002
FAX: (910) 343-9941
FIRM CERTIFICATE C-0597

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