

WILMINGTON, NORTH CAROLINA 28403
 DUNGANNON VILLAGE
 AUTUMN HALL
 DRAINAGE AREA PLAN

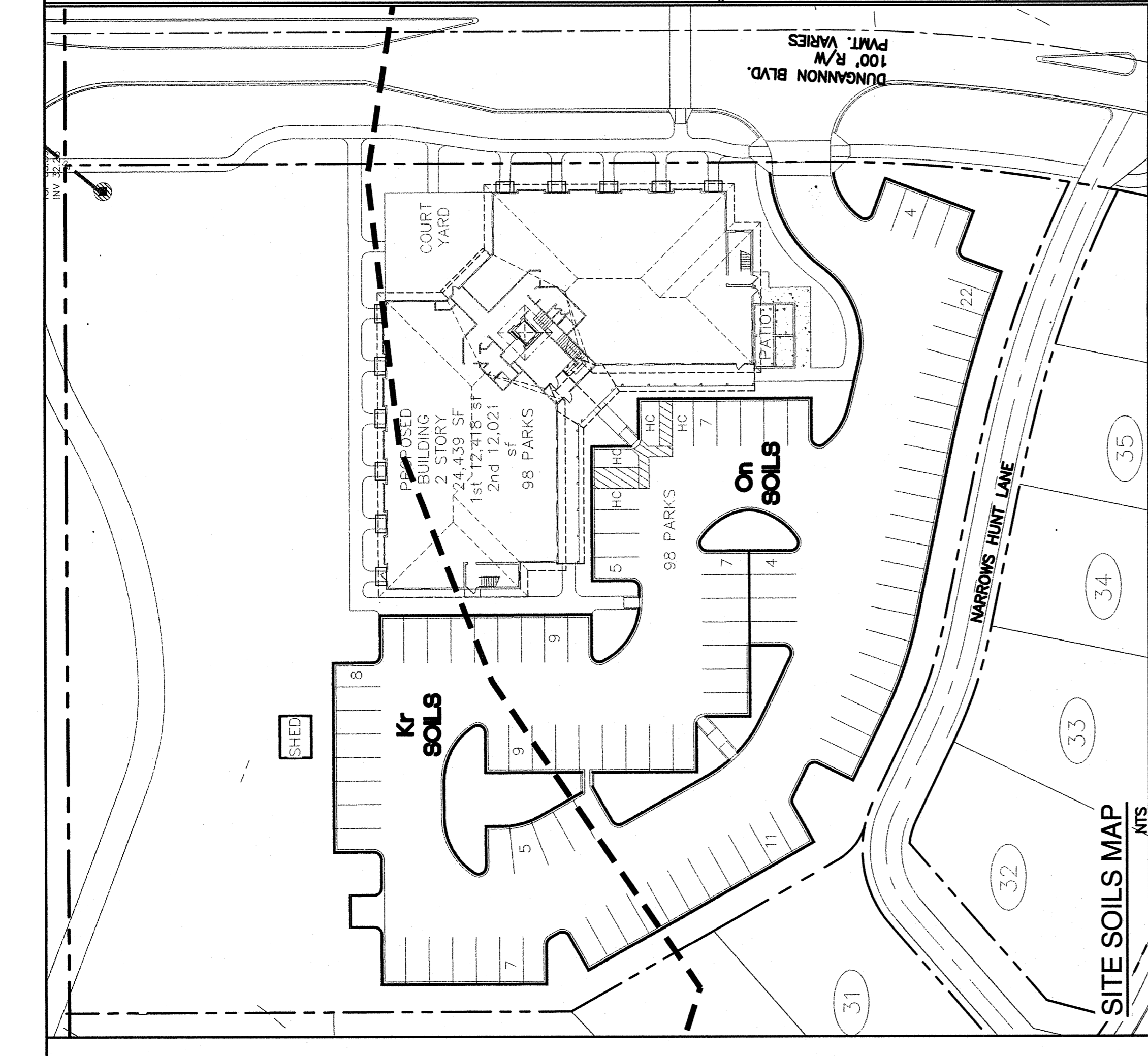
OWNER:
 AUTUMN HALL DVC, LLC
 1201 EASTWOOD ROAD
 WILMINGTON, N.C. 28403
 (910) 799-8755

NORRIS & TUNSTALL
CONSULTING ENGINEERS, INC.
 902 MARKET STREET
 WILMINGTON, NC, 28401
 PHONE (910) 343-9653
 FAX (910) 343-9604
 License # C-3641

14069
 RES. LIST
 COO. JPN
 DES. NKS
 DATE 4/15/16
 APPROVED STORMWATER MANAGEMENT PLAN



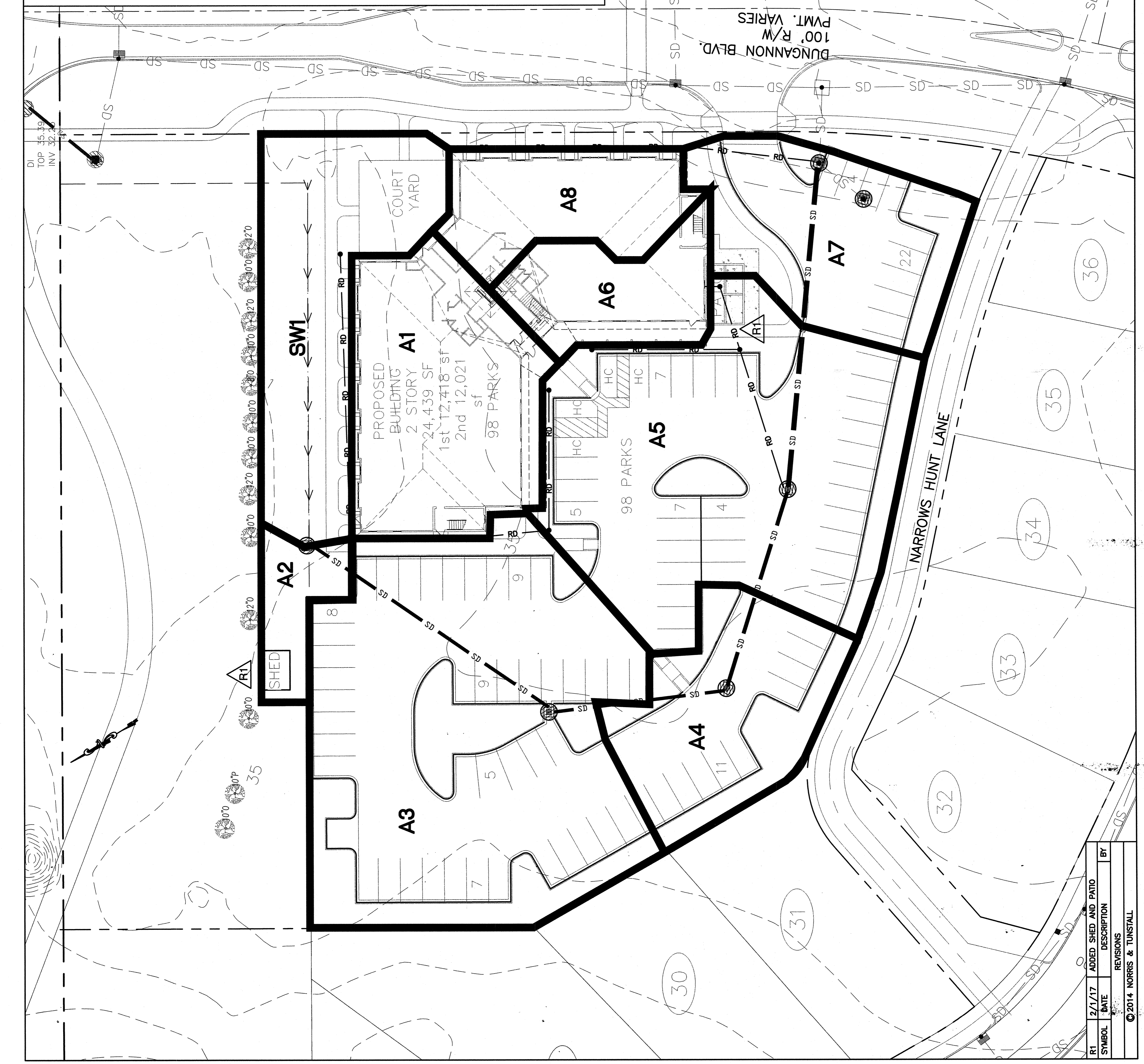
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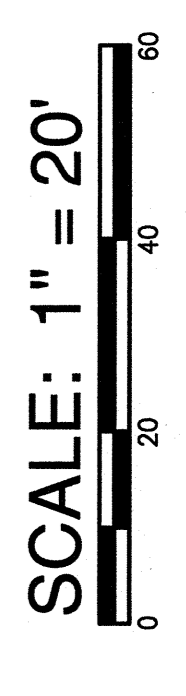
DRAINAGE AREA SUMMARY

SW1	7,912 SF	2,340 SF IMP.
A1	8,225 SF	8,225 SF IMP.
A2	1,750 SF	246 SF IMP.
A3	19,583 SF	15,271 SF IMP.
A4	6,382 SF	4,086 SF IMP.
A5	16,460 SF	13,670 SF IMP.
A6	3,487 SF	3,487 SF IMP.
A7	6,906 SF	4,773 SF IMP.
A8	4,160 SF	4,160 SF IMP.
TOTAL	56,258 SF	56,258 SF IMP. (1.29 AC)

NOTE: REMAINING 1,392 SF IMPERVIOUS WILL SHEET FLOW TO DUNGANNON BLVD. AND IS CONVEYED TO THE SAME ULTIMATE OUTLET AT STORMWATER POND B.



For each open utility out of City streets, a \$25 permit shall be required from the City prior to occupancy and/or project acceptance.



Approved Construction Plan
 Name: _____ Date: _____
 Planning: _____
 Traffic: _____
 Fire: _____

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

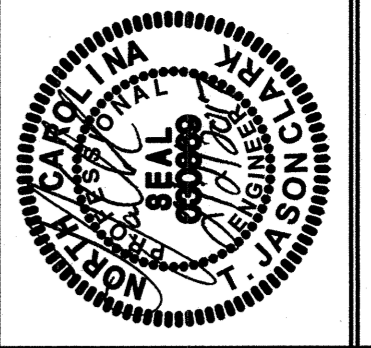
SYMBOL	DATE	DESCRIPTION	BY
R1	2/1/17	ADDED SHED AND PATIO	BT
REVISIONS			

WILMINGTON, NORTH CAROLINA 28403
 AUTUMN HALL
 DUNGANNON VILLAGE
 CONTROL PLAN
 GRADING, STORMWATER AND EROSION

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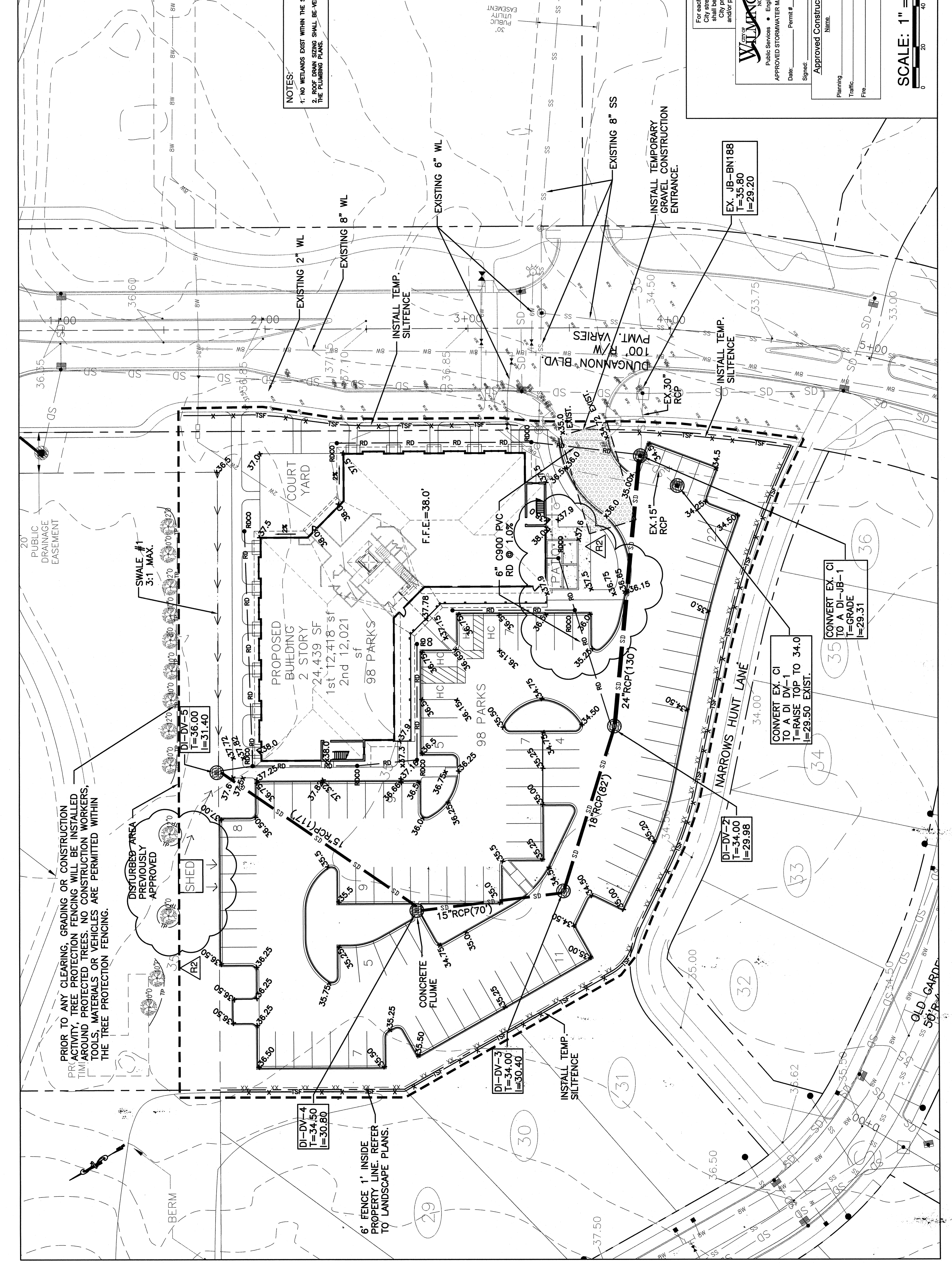
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14069
 DES. IST
 CDD. JPN
 DRWA. NKS
 DATE 4/15/16



C1

SYMBOL	DATE	REV. GRADES	DESCRIPTION	BY
R2	2/1/17		ADDED SHED AND PATIO	
R1	6/27/16		REV. GRADES	



NOTES:
 1. NO WETLANDS EXIST WITHIN THE SITE AREA.
 2. ROOF DRAIN SIZING SHALL BE VERIFIED WITH THE PLUMBING PLANS.

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

WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division
 APPROVED STORMWATER MANAGEMENT PLAN

Date: _____ Permit # _____
 Signed: _____
 Approved Construction Plan
 Name: _____ Date: _____
 Planning _____
 Traffic _____
 Fire _____

SCALE: 1" = 20'
 0 20 40 60

PRIOR TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING.

DISTURBED AREA PREVIOUSLY APPROVED

SHED

PROPOSED BUILDING
 2 STORY
 24,439 SF
 1st 12,418 sf
 2nd 12,021 sf
 98 PARKS

F.F.E.=38.0'

DI-DV-3
 T=34.00
 I=30.40

INSTALL TEMP. SILTENCE

DI-DV-2
 T=34.00
 I=29.98

CONVERT EX. CI TO A DI DV-1
 T=RAISE TOP TO 34.0
 I=29.50 EXIST.

CONVERT EX. CI TO A DI-JB-1
 T=GRADE
 I=29.31

EX. JB-BN188
 T=35.80
 I=29.20

INSTALL TEMPORARY GRAVEL CONSTRUCTION ENTRANCE.

EXISTING 8" SS

EXISTING 6" WL

EXISTING 2" WL

EXISTING 8" WL

INSTALL TEMP. SILTENCE

INSTALL TEMP. SILTENCE

DUNGANNON BVD.
 100' R/W
 PMT. VARIES

EXIST. EX. 30" RCP

EXIST. EX. 15" RCP

6" C900 PVC RD @ 1.0%

24" RCP(130)

18" RCP(82)

15" RCP(70)

CONCRETE FLUME

SWALE #1 3:1 MAX.

BERM

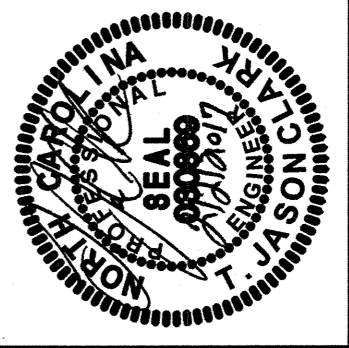
PUBLIC DRAINAGE EASEMENT

OLD GARDEN

NARROWS HUNT LANE

50' B-4

30 31 32 33 34 35 36



14069
 DES. JUST
 CDR. JPN
 DRWL. NKS
 DATE 4/15/16

Approved Construction Plan

Signature: _____ Date: 4/15/16

Name: _____

City of WILMINGTON, North Carolina
 Public Services • Engineering Division
 APPROVED STORMWATER MANAGEMENT PLAN

SCALE: 1" = 30'

0 30 60 90

For each open utility cut of city streets, a \$225 permit shall be required from the City prior to occupancy and/or project acceptance.

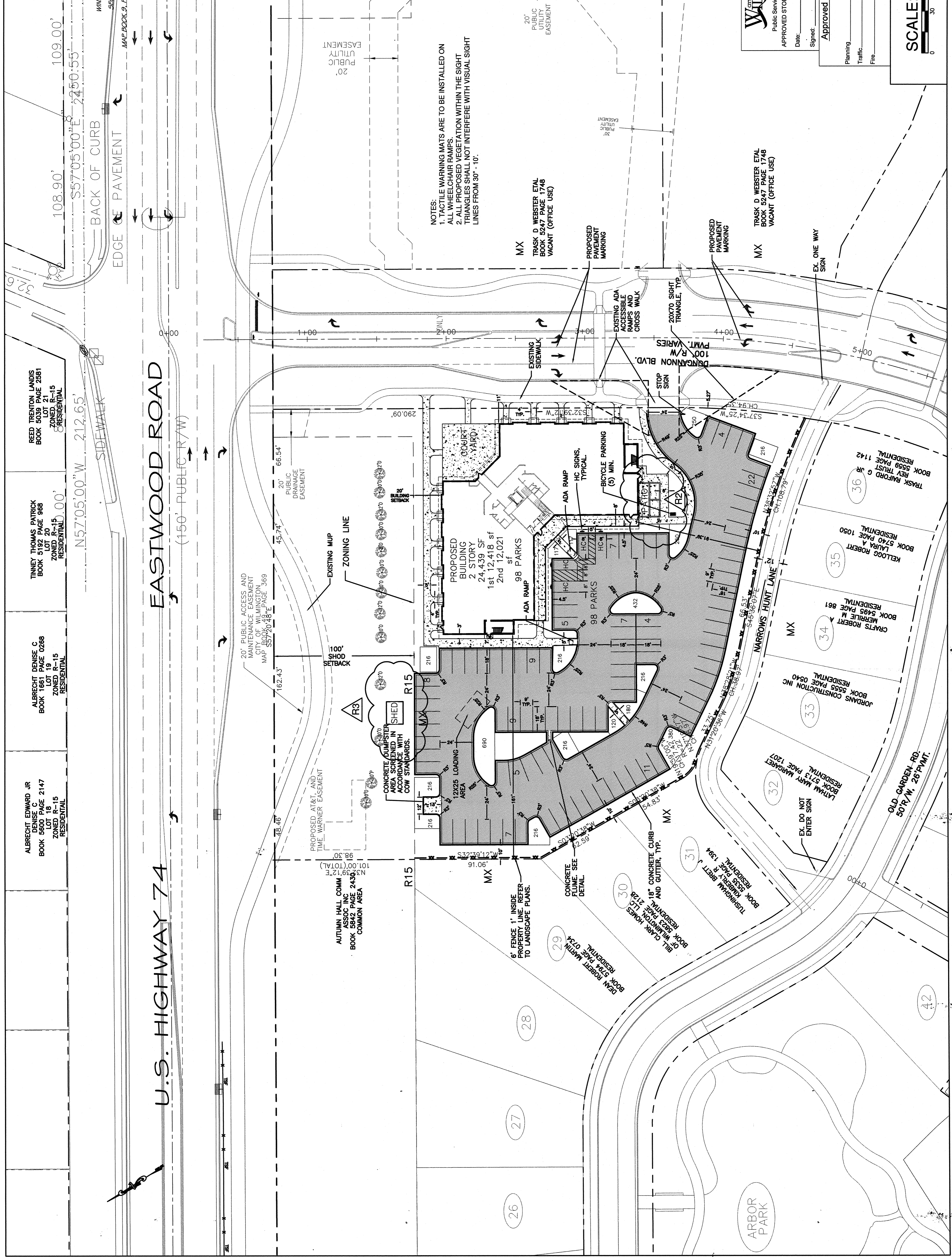
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LAYOUT PLAN
 DUNGANNON VILLAGE
 AUTUMN HALL
 WILMINGTON, NORTH CAROLINA 28403

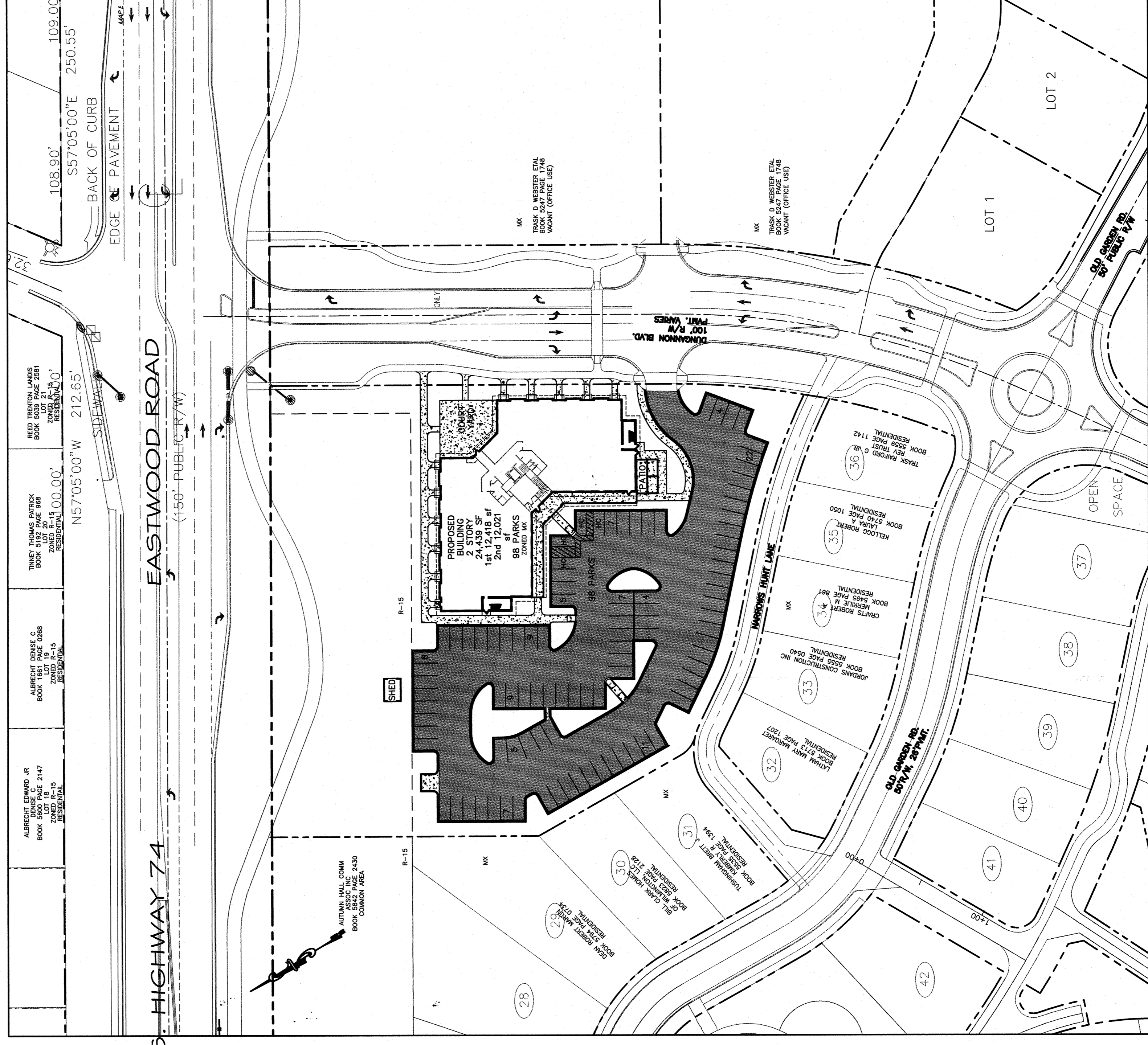
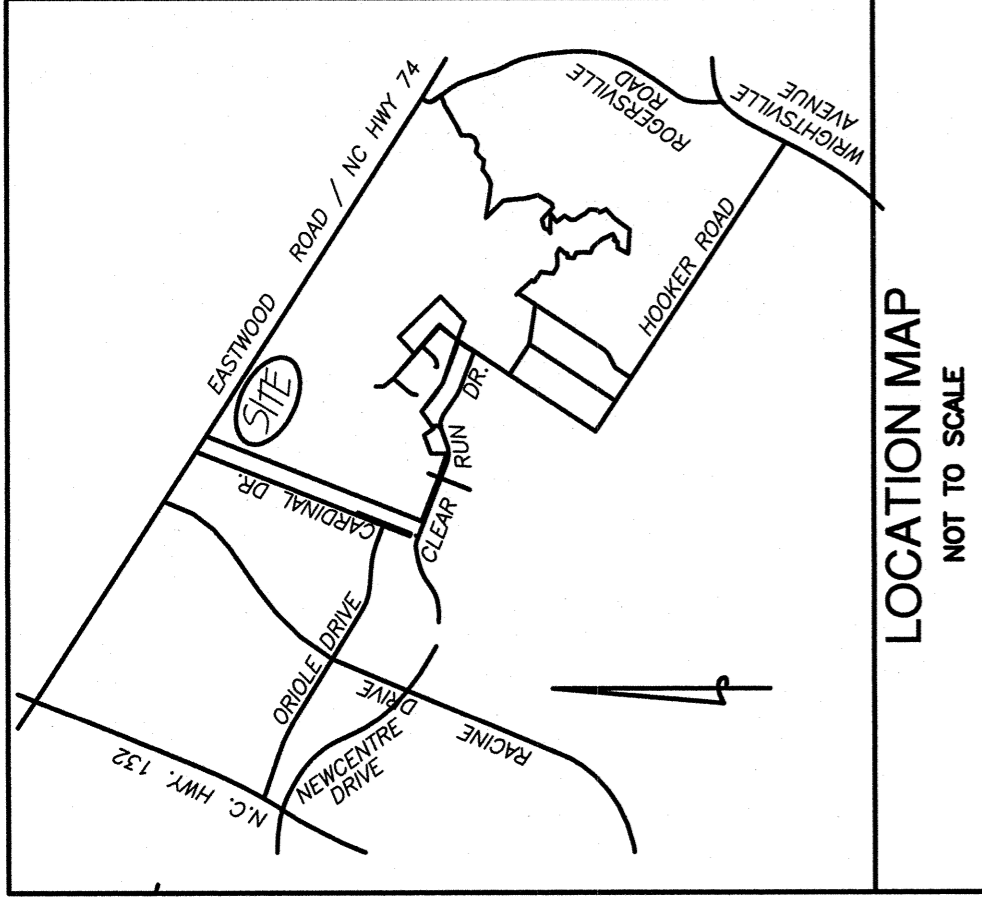
SYMBOL	DATE	DESCRIPTION	BY
R2	2/1/17	ADDED SHED AND PATIO	
R1	6/27/16	ADDED SIDEWALK	

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- NOTES:
- TACTILE WARNING MATS ARE TO BE INSTALLED ON ALL WHEELCHAIR RAMPS.
 - ALL PROPOSED VEGETATION WITHIN THE SIGHT TRIANGLES SHALL NOT INTERFERE WITH VISUAL SIGHT LINES FROM 30" - 10'.

DUNGANNON VILLAGE AUTUMN HALL



SCALE: 1" = 50'

SITE DATA TABLE

USE:	OFFICE/RETAIL
SITE AREA:	2.41 ACRES (105,107 SF)
MAP REF:	314707 68.682.000
ADDRESS:	110 DUNGANNON BLVD.
OWNER:	WILMINGTON NORTH CAROLINA 28403
DEVELOPER:	WILMINGTON NORTH CAROLINA 28403
PERMITS:	20' MIN. FROM MK BOUNDARY
SETBACKS:	50' MIN. FROM US AND NC HIGHWAYS
ADDITIONAL:	10' MIN. FROM INTERNAL STREETS
INTERNAL:	NO MINIMUM WITHIN 10' OF INTERNAL STREET 1/4"
INTERNAL:	20' FROM MK BOUNDARY NORTH
INTERNAL:	11' FROM ROW EAST
INTERNAL:	10' FROM 1/4" WEST
INTERNAL:	10' FROM 1/4" WEST
INTERNAL:	BUILDING: 100'
INTERNAL:	INTERIOR SIDE: 20'
INTERNAL:	PARKING: 50'
INTERNAL:	15.22%
INTERNAL:	V-8
INTERNAL:	12,418 SF (1ST FLOOR)
INTERNAL:	24,438 SF (TOTAL FLOOR)
INTERNAL:	24,438 SF (TOTAL FLOOR)
INTERNAL:	1/200 SF MAX.
INTERNAL:	NO MINIMUM REQUIREMENT IN MK ZONE
INTERNAL:	48 SPACES
INTERNAL:	4 SPACES
INTERNAL:	4 SPACES
INTERNAL:	16,000 SF (ROOF AREA)
INTERNAL:	37,000 SF (ROOF AREA)
INTERNAL:	57,000 SF
INTERNAL:	64,896
INTERNAL:	LANDSCAPING: (SEE LANDSCAPE PLAN)
INTERNAL:	FOUNDATION PLANTINGS (120):
INTERNAL:	WEST: 32' X 85' X 12' = 253 SF REQ.
INTERNAL:	SOUTH: 32' X 85' X 12' = 253 SF REQ.
INTERNAL:	EAST: 32' X 90' X 12' = 345 SF REQ.
INTERNAL:	LANDSCAPING REQ'D INTERIOR (AS PER OR REGULATION): 37,000 SF
INTERNAL:	ASPHALT, CONCRETE, CURB & GUTTER
INTERNAL:	50% SHADING REQUIRED
INTERNAL:	DISTURBED AREA: 174 ACRES
INTERNAL:	NEW ASPHALT PAVED DRIVEWAY
INTERNAL:	FROM PERMIT 2016 04333 W02
INTERNAL:	PAVES = 85%

LEGEND

---	PROPERTY LINE/DISTURBED AREA LIMITS
- - - -	DISTURBED AREA LIMITS
---	TEMPORARY SILT FENCE
---	PROPOSED STORMDRAIN PIPE
---	PROPOSED WATERLINE
---	PROPOSED SANITARY SEWER
---	PROPOSED FINISH GRADE SPOT ELEVATION
○	JUNCTION BOX WITH INLET PROTECTION (D)
○	DROP INLET WITH INLET PROTECTION (D)
○	CURB INLET WITH INLET PROTECTION (C)
---	EXISTING CONTOUR
---	EXISTING TREE
---	TREE PROTECTION FENCE
---	NEW ASPHALT
---	NEW CONCRETE/SIDEWALK

APPROVED CONSTRUCTION PLAN

City of WILMINGTON, NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN

Date: _____ Permit #: _____
Signed: _____

Approved Construction Plan
Name: _____ Date: _____
Planning: _____
Traffic: _____
Fire: _____

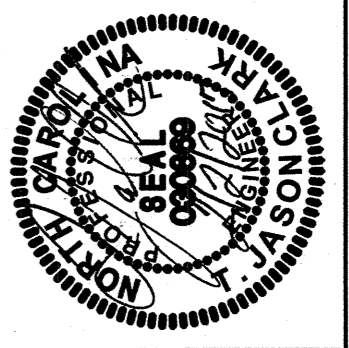
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OVERALL SITE PLAN
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WILMINGTON, NORTH CAROLINA 28403

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SYMBOL	DATE	DESCRIPTION	BY
R1	2/1/17	ADDED SHED AND PAVT0 REV. IMP. AREA	
REVISIONS			