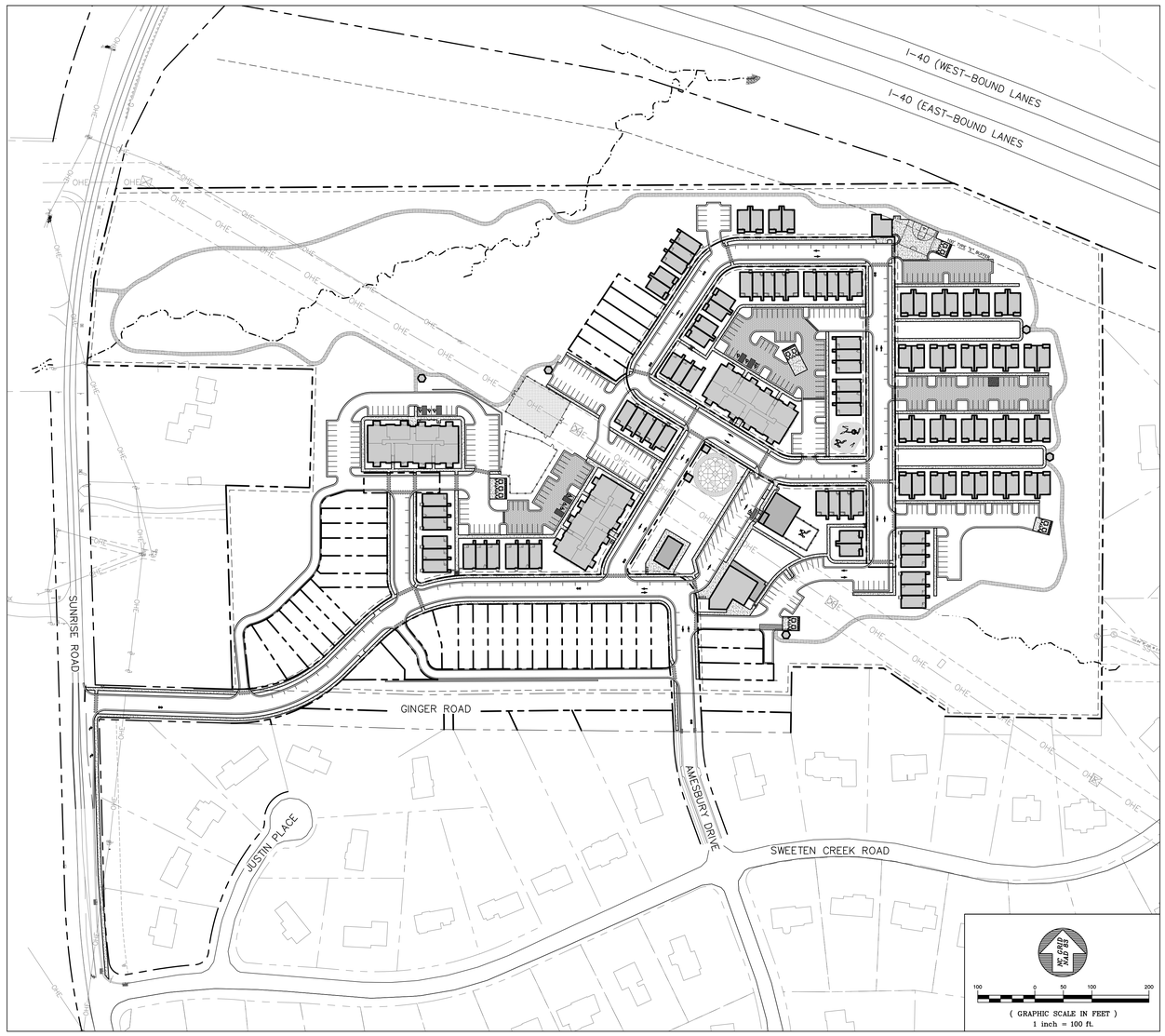
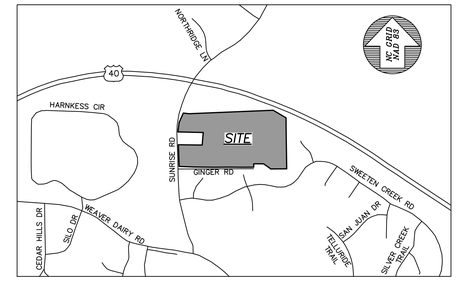
CONDITIONAL ZONING DRAWINGS

FOR

WEAVERS GROVE

CHAPEL HILL, NORTH CAROLINA





VICINITY MAP
SCALE: 1"=1000'

DRAWING LIST

SHEET	DRAWING TITLE	LATEST ISSUE DATE
G0001	COVER	04 FEB 20
C0001	AREA MAP	04 FEB 20
C0101	EXISTING CONDITIONS & STEEP SLOPES PLAN	04 FEB 20
C0201	DEMOLITION & LANDSCAPE PROTECTION PLAN	04 FEB 20
C0202	RARE & SPECIMEN TREE TABLES	04 FEB 20
L1001	ILLUSTRATIVE PLAN	04 FEB 20
C1001	SITE PLAN	04 FEB 20
C1004	SOLID WASTE MANAGEMENT PLAN	04 FEB 20
C1101	UTILITY PLAN	04 FEB 20
C1200	GRADING/DRAINAGE AND EROSION CONTROL OVERVIEW	04 FEB 20
C3200	TYPICAL PUBLIC ROAD SECTIONS	04 FEB 20
L1002	TREE CANOPY COVERAGE PLAN	04 FEB 20
L1003	BUFFERS PLAN & TYPICAL UNIT PLANTING	04 FEB 20
L1004	TREE PLANTING & PARKING LOT SHADING & SCREENING PLAN	04 FEB 20
L1005	EMERGENCY ACCESS PLAN	04 FEB 20
L1006	RECREATION PLAN	04 FEB 20
L2001	LIGHTING PLAN WEST	04 FEB 20
L2002	LIGHTING PLAN EAST	04 FEB 20
L2003	LIGHTING PLAN NORTH-EAST	04 FEB 20
L2004	LIGHTING DETAILS	04 FEB 20
A.01	ELEVATIONS - COMMUNITY BUILDINGS	04 FEB 20
A.02	ELEVATIONS - DUPLEX BUILDINGS	04 FEB 20
A.03	ELEVATIONS - TOWNHOUSE BUILDINGS	04 FEB 20
A.04	ELEVATIONS - TOWNHOUSE BUILDINGS	04 FEB 20
A.05	ELEVATIONS - CONDOMINIUM BUILDINGS	04 FEB 20

PROJECT OWNER/DEVELOPER:
Habitat for Humanity® Orange County, NC

CIVIL ENGINEERING:
BALLENTINE ASSOCIATES, P.A.
221 PROVIDENCE ROAD, CHAPEL HILL, N.C. 27514
(919) 929 – 0481 (919) 489 – 4789

LAND PLANNER:
SCOTT MURRAY LAND PLANNING, INC.
Landscape Architecture | Environmental Design | Project Management

ARCHITECTURE:
CLINE DESIGN
125 N. HARRINGTON STREET
RALEIGH, NC 27603
clinedesignassoc.com.com

REVIEW DRAWING
NOT FOR CONSTRUCTION

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Ballentine Associates, P.A. CORPORATE SEAL C328 NORTH CAROLINA Chapel Hill

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 2497 KARA A. KINDLEY 04 FEB 20 SIGNATURE REGISTRATION

NUM	REVISIONS	DATE
1	PER LAYOUT REVISIONS AND TOCH REVIEW COMMENTS	15 NOV 19
2	PER TOWN OF CHAPEL HILL COMMENTS	04 FEB 20

OWNER INFORMATION
HABITAT FOR HUMANITY OF ORANGE CO
88 VILCOM CENTER DR
SUITE L110
CHAPEL HILL, NC 27514
OWNERS REPRESENTATIVE:
JENNIFER PLAYER
(919) 932-7077 x 215
FAX
EMAIL jplayer@orangehabitat.org

ISSUED	DATE
CONDITIONAL ZONING SUBMITTAL #1	27 JUN 19
CONDITIONAL ZONING SUBMITTAL #2	15 NOV 19
CONDITIONAL ZONING SUBMITTAL #3	04 FEB 20

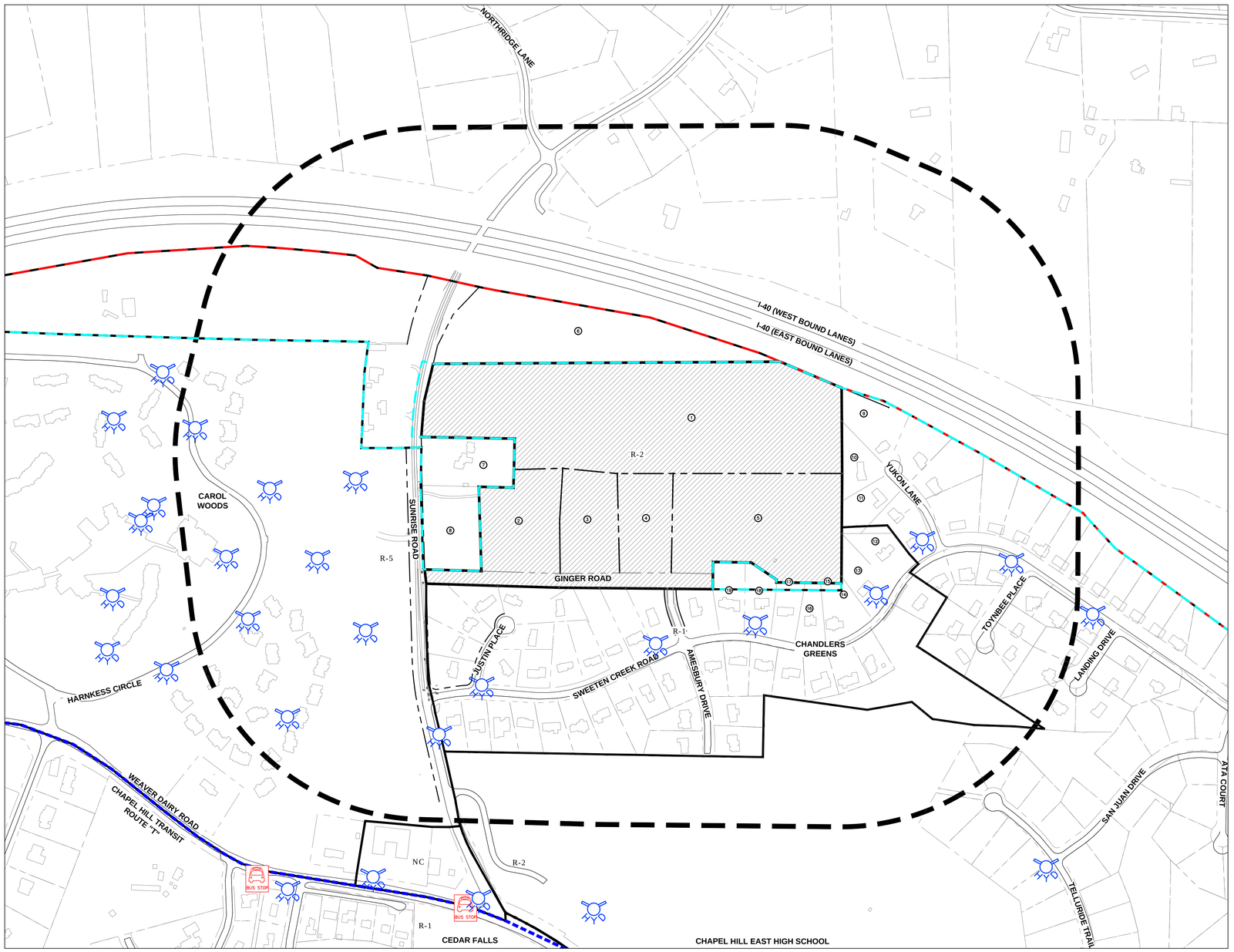
WEAVERS GROVE
CHAPEL HILL, NORTH CAROLINA

CONDITIONAL ZONING DOCUMENTS

JOB # 118016.00
DATE: 27 JUN 19
SCALE: AS NOTED
DRAWN BY: T.L.P.
REVIEWED BY: G.J.R.

SHEET
G0001

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SITE PARCEL DATA

LABEL #	OWNER	PIN #	ZONING	DB./PG.	PARCEL ACREAGE	CURRENT LAND USE
1	HABITAT FOR HUMANITY ORANGE COUNTY NC INC	9890-06-5926	R-2	2907/149	17.18	VACANT
2	HABITAT FOR HUMANITY ORANGE COUNTY NC INC	9890-06-0413	R-2	5493/45	3.16	SINGLE-FAMILY
3	HABITAT FOR HUMANITY ORANGE COUNTY NC INC	9890-06-3350	R-2	4081/332	2.43	SINGLE-FAMILY
4	HABITAT FOR HUMANITY ORANGE COUNTY NC INC	9890-06-6312	R-2	6564/388	2.19	SINGLE-FAMILY
5	DONALD & BARBARA LEVINE	9890-16-0437	R-2	1149/339	7.01	AGRICULTURE

ADJOINER PARCEL DATA

LABEL #	OWNER	PIN #	ZONING	CURRENT LAND USE
6	SRIPRIYA SRIDHAR CHITHAMOOR	9890-06-6962	R-2	VACANT
7	RICHARD W HENRY	9880-96-9715	R-2	SINGLE-FAMILY
8	CHAPEL HILL RESIDENTIAL RETIREMENT CENTER INC	9880-96-7441	R-2	VACANT
9	LOUIS S JOSSEYLN III & PATRICIA S JOSSELYN	9890-16-5774	R-2	SINGLE-FAMILY
10	MARC B LANGE & DINA B EISINGER	9890-16-4588	R-2	SINGLE-FAMILY
11	MICHAEL A SCHAAL & ANN J SCHAAL	9890-16-5423	R-2	SINGLE-FAMILY
12	NOEL IVEY	9890-16-5188	R-1	SINGLE-FAMILY
13	HEINE R PHILLIPS & HOLLY J COWARD	9890-16-4099	R-1	SINGLE-FAMILY
14	PATRICK C SMYTHE & NANCY SMYTHE	9890-16-5233	R-1	SINGLE-FAMILY
15	GARY J SCALF & PATRICIA L SCALF	9890-16-4381	R-1	VACANT
16	DAVID M KLECKNER & MICHELE C KLECKNER	9890-16-4109	R-1	SINGLE-FAMILY
17	CHARLIE TSUI & JIN MIE TSUI	9890-16-2008	R-1	VACANT
18	MICHAEL J MURPHY & KATHRYN L MURPHY	9890-15-0948	R-1	SINGLE-FAMILY
19	DAVID F METZBOWER & MARION R METZBOWER	9890-06-9014	R-1	SINGLE-FAMILY

DRAWING LEGEND

SYMBOL	DESCRIPTION
	1000' NOTIFICATION LINE
	URBAN SERVICES BOUNDARY
	CHAPEL HILL CITY LIMITS
	ZONING BOUNDARY
	CHAPEL HILL TRANSIT ROUTE
R-1	ZONING CLASSIFICATION
	EXISTING FIRE HYDRANT
BUS STOP	EXISTING BUS STOP
	PROJECT SITE

NC GRID NAD 83

AREA MAP

200 0 100 200 400

(GRAPHIC SCALE IN FEET)
1 inch = 200 ft.

REVIEW DRAWING
NOT FOR CONSTRUCTION

BALLENTINE ASSOCIATES, P.A.
221 PROVIDENCE ROAD, CHAPEL HILL, N.C. 27514
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Ballentine Associates, P.A. CORPORATE SEAL C328 NORTH CAROLINA Chapel Hill

NORTH CAROLINA PROFESSIONAL SEAL 24682 ENGINEER GEORGE J. METZBOWER

NUM	REVISIONS	DATE
1	PER LAYOUT REVISIONS AND TOCH REVIEW COMMENTS	15 NOV 19
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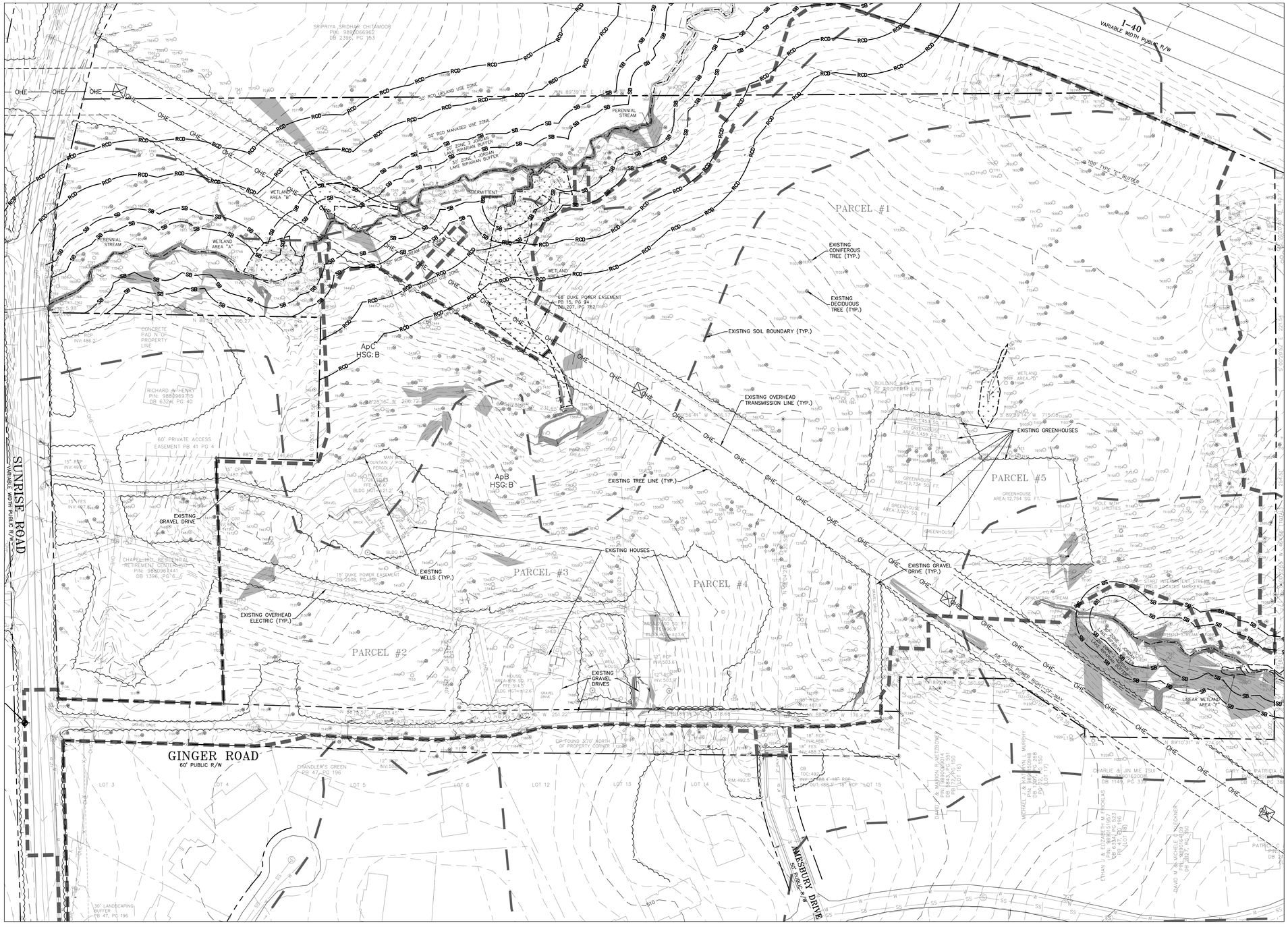
WEAVERS GROVE
CHAPEL HILL, NORTH CAROLINA

CONDITIONAL ZONING DOCUMENTS

JOB # 118016.00
DATE: 27 JUN 19
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DRAWN BY: T.L.P.
REVIEWED BY: G.J.R.

SHEET
C0001

N:\Projects\118016.00 Habitat\L_Dwg\04-Model Files\C0001 Area Map-Habitat Carol Woods.dwg, 2/3/2023 3:42:56 PM, LeeP


I-40
VARIABLE WIDTH PUBLIC R/W
100' TYPE 'C' BUFFER
SRIPRIYA SRIDHAR CHITAMOOR
PIN: 9890066962
DB 2386, PG 163
50' RCD MANAGED USE ZONE
50' RCD UPLAND USE ZONE
NC ZONE 1 JORDAN LAKE RIPARIAN BUFFER
NC ZONE 2 JORDAN LAKE RIPARIAN BUFFER
INTERMITTENT STREAM
PERENNIAL STREAM
WETLAND AREA "A"
WETLAND AREA "B"
WETLAND AREA "C"
WETLAND AREA "D"
68' DUKE POWER EASEMENT
PB 15, PG 94
BK 307, PG 762
PARCEL #1
PARCEL #2
PARCEL #3
PARCEL #4
PARCEL #5
EXISTING CONIFEROUS TREE (TYP.)
EXISTING DECIDUOUS TREE (TYP.)
EXISTING SOIL BOUNDARY (TYP.)
EXISTING OVERHEAD TRANSMISSION LINE (TYP.)
EXISTING GREENHOUSES
EXISTING TREE LINE (TYP.)
EXISTING HOUSES
EXISTING WELLS (TYP.)
EXISTING OVERHEAD ELECTRIC (TYP.)
EXISTING GRAVEL DRIVE
EXISTING GRAVEL DRIVES
EXISTING GRAVEL DRIVE (TYP.)
SUNRISE ROAD
VARIABLE WIDTH PUBLIC R/W
GINGER ROAD
60' PUBLIC R/W
AMESBURY DRIVE
60' PUBLIC R/W
ApC
HSG: B
ApB
HSG: B
60' PRIVATE ACCESS EASEMENT PB 41 PG 4
RICHARD W HENRY
PIN: 9889969715
DB 6324, PG 40
CHAPEL HILL RESIDENTIAL RETIREMENT CENTER INC
PIN: 9890961441
DB 1396, PG 10
CHANDLER'S GREEN
PB 47, PG 196
30' LANDSCAPING BUFFER
PB 47, PG 196
LOT 3
LOT 4
LOT 5
LOT 6
LOT 12
LOT 13
LOT 14
LOT 15
DAVID A. & MARION R. METZBOWER
PIN: 9890980014
DB 2377, PG 150
PB 72, PG 150
(LOT 16)
MICHAEL J. & KATHLEEN M. MURPHY
PIN: 9890970948
DB 2377, PG 154
PB 72, PG 150
(LOT 17)
CHARLIE & JIN MIE TSUI
PIN: 9890972008
DB 1148, PG 305
GARY & PATRICIA
DB 1762, PG 38
ETHAN J. & ELIZABETH M. FROCKAS
PIN: 9890974523
DB 6343, PG 585
PB 72, PG 150
(LOT 18)
DAVID M. & MICHELE L. KEPNER
PIN: 9890964659
DB 2037, PG 350
PATRICIA
DB 2
CB
TOC: 492.5
RIM: 492.5
EIP FOUND 3/70" NORTH OF PROPERTY CORNER
N 89°39'18" E 715.08'
S 89°28'16" W 206.72'
S 88°27'21" W 146.60'
N 01°32'44" W 207.27'
N 88°27'21" E 251.22'
S 88°27'21" W 176.43'
S 01°56'31" W 231.60'
N 89°39'18" E 1,326.27'
N 89°39'18" W 1,326.27'
S 88°27'21" W 218.65'
N 01°56'31" E 215.56'
S 01°56'31" W 215.56'
N 01°32'44" W 207.27'
S 01°32'44" E 207.27'
N 89°39'18" E 715.08'
S 89°39'18" W 715.08

DEMOLITION NOTES

1. PRIOR TO DEMOLITION, CONTRACTOR SHALL HAVE NORTH CAROLINA 811 (1-800-632-4949) LOCATE ALL EXISTING UTILITIES. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR CONFLICTS.
2. PRIOR TO DEMOLITION, CONTRACTOR IS RESPONSIBLE FOR DETERMINING IF ASBESTOS REMEDIATION IS REQUIRED, AND IF SO, CONTRACTOR SHALL PROVIDE ASBESTOS REMEDIATION IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS.
3. OPEN BURNING OF TREES, LIMBS, STUMPS AND CONSTRUCTION DEBRIS IN ASSOCIATION WITH THIS DEVELOPMENT IS PROHIBITED.
4. ANY EXISTING WATER AND SEWER SERVICES AND CLEANOUTS TO BE REMOVED, SHALL BE ABANDONED IN ACCORDANCE WITH OWASA REQUIREMENTS.
5. ANY EXISTING GAS, ELECTRIC, FIBER AND ANY OTHER UTILITIES SERVICING THE STRUCTURE TO BE DEMOLISHED SHALL BE FIELD LOCATED AND TERMINATED IN ACCORDANCE WITH STATE & LOCAL REGULATIONS, AND IN ACCORDANCE WITH THE RESPECTIVE PROVIDER'S STANDARDS & SPECIFICATIONS.
6. ABANDONMENT OF EXISTING WELLS: ALL WELLS ON THE SITE ARE TO BE LOCATED AND ABANDONED IN ACCORDANCE WITH THE LATEST ORANGE COUNTY HEALTH DEPARTMENT REQUIREMENTS BY A WELL CONTRACTOR PROPERLY LICENSED IN NC.
7. PRIOR TO ANY DEMOLITION OR CONSTRUCTION ACTIVITY ON THE SITE THE CONTRACTOR SHALL COORDINATE AND HOLD A PRE-DEMOLITION/PRE-CONSTRUCTION CONFERENCE WITH:
   - CIVIL ENGINEER AND OWNER'S REPRESENTATIVE
   - TOWN OF CHAPEL HILL URBAN FORESTER: (919) 969-5114
   - ORANGE COUNTY SOLID WASTE STAFF: (919) 968-2788
   - ORANGE COUNTY EROSION CONTROL OFFICER: (919) 245-2587
8. IN ALL AREAS WHERE IMPERVIOUS COVER IS SHOWN TO BE REMOVED AND RESTORED WITH PERVIOUS COVER, THE FOLLOWING STEPS SHALL BE TAKEN:
   - REMOVE ALL ASPHALT CONCRETE, BEDDING MATERIALS, GRAVEL, DEBRIS, BUILDING MATERIALS, ETC.
   - RIP AND AERATE TO A DEPTH OF 18 INCHES BELOW ORIGINAL GRADE, UNLESS WITHIN THE CRITICAL ROOT ZONE OF A TREE TO BE PRESERVED. IN THAT CASE, LIMIT RIPPING TO A DEPTH OF 6".
   - PLACE 4-6 INCHES OF TOPSOIL (TO FINISHED GRADE) AND INSTALL PLANTINGS AND/OR SEED DISTURBED AREA ACCORDING TO LANDSCAPE PLAN. DO NOT COMPACT TOPSOIL.
9. DURING DEMOLITION AND/OR CONSTRUCTION, ALL ASPECTS OF CHAPTER 14 OF THE NC FIRE PREVENTION SHALL BE FOLLOWED. THE OWNER/DEVELOPER SHALL DESIGNATE ONE PERSON TO BE THE FIRE PREVENTION PROGRAM SUPERINTENDENT WHO SHALL BE RESPONSIBLE FOR ENFORCING CHAPTER 14 OF THE NCFPC AND THE ON-SITE FIRE PREVENTION PROGRAM AND ENSURE THAT IT IS CARRIED OUT THROUGH COMPLETION OF THE PROJECT.
10. DURING CONSTRUCTION, FIREFIGHTING VEHICLE ACCESS SHALL BE PROVIDED. TEMPORARY STREET SIGNS SHALL BE INSTALLED AT EACH STREET INTERSECTION WHEN CONSTRUCTION ALLOWS THE PASSAGE OF VEHICLES. SIGNS SHALL BE OF AN APPROVED SIZE, WEATHER RESISTANT AND MAINTAINED UNTIL REPLACED BY PERMANENT SIGNS.

CONSTRUCTION WASTE NOTES

1. ALL EXISTING STRUCTURES 500 SQUARE FEET AND LARGER IN SIZE SHALL BE ASSESSED PRIOR TO DEMOLITION TO ENSURE COMPLIANCE WITH THE COUNTY'S REGULATED RECYCLABLE MATERIALS ORDINANCE (RRMO) AND TO ASSESS THE POTENTIAL FOR DE-CONSTRUCTION AND/OR THE RE-USE OF SALVAGEABLE MATERIALS.
2. BY ORANGE COUNTY ORDINANCE, CLEAN WOOD WASTE, SCRAP METAL, AND CORRUGATED CARDBOARD PRESENT IN CONSTRUCTION OR DEMOLITION WASTE MUST BE RECYCLED.
3. BY ORANGE COUNTY ORDINANCE, ALL HAULERS OF MIXED CONSTRUCTION AND DEMOLITION WASTE THAT INCLUDES ANY REGULATED RECYCLABLE MATERIALS SHALL BE LICENSED BY ORANGE COUNTY.
4. PRIOR TO ANY DEMOLITION OR CONSTRUCTION ACTIVITY ON THE SITE THE APPLICANT SHALL HOLD A PRE-DEMOLITION/PRE-CONSTRUCTION CONFERENCE WITH THE SOLID WASTE STAFF. THIS MAY BE THE SAME PRE-CONSTRUCTION MEETING HELD WITH OTHER DEVELOPMENT/ENFORCEMENT OFFICIALS.
5. THE PRESENCE OF ANY ASBESTOS CONTAINING MATERIALS ("ACM") AND/OR OTHER HAZARDOUS MATERIALS IN CONSTRUCTION AND DEMOLITION WASTE SHALL BE HANDLED IN ACCORDANCE WITH ANY AND ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND GUIDELINES.

TREE PROTECTION NOTES

1. TREE PROTECTION FENCING AS SHOWN ON THIS PLAN SHALL BE INSTALLED AND INSPECTED BY THE TOWN PRIOR TO ANY DEMOLITION ACTIVITY OR LAND DISTURBANCE.
2. A PRE-CONSTRUCTION CONFERENCE WILL BE HELD WITH THE TOWN'S URBAN FORESTER PRIOR TO BEGINNING SITE WORK.
3. ANY TREE ROOTS EXPOSED BY CONSTRUCTION WILL BE SEVERED CLEANLY WITH AN APPROPRIATE PRUNING TOOL.
4. THE SOIL WITHIN THE CRITICAL ROOT ZONES OF EXISTING TREES SHALL NOT BE DRIVEN ON OR OTHERWISE DISTURBED DURING THE INSTALLATION OF LANDSCAPING.
5. A LANDSCAPE PROTECTION SUPERVISOR WHO IS REGISTERED WITH THE TOWN OF CHAPEL HILL WILL BE PRESENT ON SITE AT ALL TIMES WHEN THE FOLLOWING ACTIVITIES ARE TAKING PLACE: CLEARING, GRUBBING, EXCAVATION, GRADING, TRENCHING, MOVING OF SOIL, INSTALLATION AND REMOVAL OF TREE PROTECTION FENCING, AND THE DELIVERY TRANSPORTING AND PLACEMENT OF CONSTRUCTION MATERIALS AND EQUIPMENT.
6. ALL WORK SHOWN ON THIS DRAWING SHALL BE IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCE SHOWN ON THIS SHEET AND GROUND STABILIZATION REQUIREMENTS SHOWN ON SHEET C0301.

DEMOLITION CONSTRUCTION SEQUENCE:

1. OBTAIN ZONING COMPLIANCE, DEMOLITION, AND GRADING PERMITS.
2. HOLD PRE-DEMOLITION/PRE CONSTRUCTION CONFERENCE AS NOTED IN GENERAL DEMOLITION NOTES.
3. INSTALL STANDARD TREE PROTECTION FENCE.
4. CALL TOWN OF CHAPEL HILL URBAN FORESTER AT (919) 969-5114 FOR AN INSPECTION OF TREE PROTECTION FENCING.
5. IF TREE PROTECTION FENCING IS APPROVED, PROCEED WITH DEMOLITION AS SHOWN ON THIS SHEET.
6. INSTALL REMAINING EROSION CONTROL MEASURES PER CONSTRUCTION SEQUENCE ON SHEET C0301.

TREE SUMMARY

	RARE	SPECIMEN	TOTAL
EXISTING TREES	45	1,220	1,265
TREES TO BE REMOVED	23	747	770

TREE LEGEND:

- RARE DECIDUOUS TREE SHOWING CRITICAL ROOT ZONE
- SPECIMEN DECIDUOUS TREE SHOWING CRITICAL ROOT ZONE
- RARE/SPECIMEN DECIDUOUS TREE TO BE REMOVED
- RARE CONIFEROUS TREE SHOWING CRITICAL ROOT ZONE
- SPECIMEN CONIFEROUS TREE SHOWING CRITICAL ROOT ZONE
- RARE/SPECIMEN CONIFEROUS TREE TO BE REMOVED

DRAWING LEGEND

SYMBOL/ABBREVIATION EXISTING	SYMBOL/ABBREVIATION DEMO	DESCRIPTION
MB		MAIL BOXES
		FIRE HYDRANT
WM		WATER VALVE
		WELL
		SANITARY SEWER MANHOLE
		SANITARY SEWER CLEANOUT
		HVAC UNIT
		ELECTRIC METER
		POWER POLE
		TELEPHONE PEDESTAL
		GAS METER
		CATCH BASIN

SYMBOL/ABBREVIATION EXISTING	SYMBOL/ABBREVIATION DEMO	DESCRIPTION
OHE	OHE	OVERHEAD ELECTRIC LINE
W		WATER LINE
SS		SANITARY SEWER LINE
SD	SD	STORM DRAINAGE PIPE
X	X	FENCE LINE
		PROPERTY LINE
		RIGHT-OF-WAY LINE
		ADJOINER PROPERTY LINE
		EASEMENT LINE
490		MAJOR CONTOUR
492		MINOR CONTOUR
TPF		TREE PROTECTION FENCE
		LIMITS OF DISTURBANCE
		WETLANDS

NC GRID NAD 83

DEMOLITION & LANDSCAPE PROTECTION PLAN

(GRAPHIC SCALE IN FEET)
1 inch = 60 ft.

REVIEW DRAWING NOT FOR CONSTRUCTION

BALLENTINE ASSOCIATES, P.A.
221 PROVIDENCE ROAD, CHAPEL HILL, N.C. 27514
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Ballentine Associates, P.A. CORPORATE SEAL C328 NORTH CAROLINA (Chapel Hill)

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 1483 KEVIN P. BALLENTINE

NUM	REVISIONS	DATE
1	PER LAYOUT REVISIONS AND TOCH REVIEW COMMENTS	15 NOV 19
2	PER TOWN OF CHAPEL HILL COMMENTS	04 FEB 20

OWNER INFORMATION
HABITAT FOR HUMANITY OF ORANGE CO
88 VILCOM CENTER DR
SUITE L110
CHAPEL HILL, NC 27514
OWNERS REPRESENTATIVE:
JENNIFER PLAYER
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EMAIL jplayer@orangehabitat.org

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WEAVERS GROVE
CHAPEL HILL, NORTH CAROLINA

CONDITIONAL ZONING DOCUMENTS

JOB #: 118016.00
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DRAWN BY: T.L.P.
REVIEWED BY: G.J.R.

SHEET
C0201

N:\Projects\118016.00\Habitat_Chpl\Dft-Model Files\C0201-Demo-Habitat-Cam Woods.dwg, 2/2/2020 4:53:47 PM, LeeP

TREE TABLE

TAG #	SPECIES	SIZE(IN)	TYPE	KEEP/DEMO
T1	OAK	18"	SPECIMEN	DEMO
T2	OAK	16"	SPECIMEN	DEMO
T3	OAK	14"	SPECIMEN	DEMO
T4	PINE	23"	SPECIMEN	DEMO
T5	PINE	21"	SPECIMEN	DEMO
T6	PINE	21"	SPECIMEN	DEMO
T7	MAPLE	18"	SPECIMEN	DEMO
T8	MAPLE	12"	SPECIMEN	DEMO
T9	PINE	22"	SPECIMEN	DEMO
T10	OAK	18"	SPECIMEN	DEMO
T11	PINE	18"	SPECIMEN	DEMO
T12	PINE	22"	SPECIMEN	DEMO
T13	MAPLE	14"	SPECIMEN	DEMO
T14	PINE	22"	SPECIMEN	DEMO
T15	PINE	18"	SPECIMEN	DEMO
T16	PINE	18"	SPECIMEN	DEMO
T17	MAPLE	12"	SPECIMEN	DEMO
T18	PINE	22"	SPECIMEN	DEMO
T19	MAPLE	12"	SPECIMEN	DEMO
T20	PINE	22"	SPECIMEN	DEMO
T21	PINE	22"	SPECIMEN	DEMO
T22	PINE	22"	SPECIMEN	DEMO
T23	MAPLE	16"	SPECIMEN	DEMO
T24	PINE	18"	SPECIMEN	DEMO
T25	PINE	19"	SPECIMEN	DEMO
T26	PINE	18"	SPECIMEN	KEEP
T27	MAPLE	12"	SPECIMEN	DEMO
T28	PINE	18"	SPECIMEN	KEEP
T29	PINE	22"	SPECIMEN	DEMO
T30	PINE	22"	SPECIMEN	DEMO
T31	PINE	18"	SPECIMEN	KEEP
T32	PINE	22"	SPECIMEN	KEEP
T33	PINE	22"	SPECIMEN	KEEP
T34	PINE	18"	SPECIMEN	DEMO
T35	MAPLE	14"	SPECIMEN	DEMO
T36	MAPLE	15"	SPECIMEN	DEMO
T37	MAPLE	16"	SPECIMEN	DEMO
T38	POPLAR	18"	SPECIMEN	KEEP
T39	MAPLE	16"	SPECIMEN	DEMO
T40	MAPLE	14"	SPECIMEN	KEEP
T41	MAPLE	16"	SPECIMEN	KEEP
T42	PINE	18"	SPECIMEN	DEMO
T43	PINE	22"	SPECIMEN	DEMO
T44	PINE	20"	SPECIMEN	DEMO
T45	PINE	20"	SPECIMEN	DEMO
T46	PINE	18"	SPECIMEN	DEMO
T47	PINE	21"	SPECIMEN	KEEP
T48	PINE	21"	SPECIMEN	KEEP
T49	PINE	22"	SPECIMEN	KEEP
T50	PINE	18"	SPECIMEN	KEEP

TREE TABLE

TAG #	NAME	SIZE(IN)	TYPE	KEEP/DEMO
T51	PINE	18"	SPECIMEN	KEEP
T52	PINE	18"	SPECIMEN	DEMO
T53	PINE	18"	SPECIMEN	DEMO
T54	PINE	21"	SPECIMEN	DEMO
T55	BIRCH	8"	SPECIMEN	DEMO
T56	BIRCH	8"	SPECIMEN	DEMO
T57	PINE	22"	SPECIMEN	DEMO
T58	PINE	20"	SPECIMEN	DEMO
T59	PINE	18"	SPECIMEN	DEMO
T60	PINE	20"	SPECIMEN	DEMO
T61	PINE	20"	SPECIMEN	DEMO
T62	CEDAR	6"	SPECIMEN	DEMO
T63	PINE	18"	SPECIMEN	DEMO
T64	PINE	19"	SPECIMEN	DEMO
T65	PINE	18"	SPECIMEN	DEMO
T66	PINE	18"	SPECIMEN	DEMO
T67	PINE	20"	SPECIMEN	DEMO
T68	PINE	20"	SPECIMEN	DEMO
T69	PINE	20"	SPECIMEN	DEMO
T70	PINE	18"	SPECIMEN	DEMO
T71	PINE	21"	SPECIMEN	DEMO
T72	PINE	19"	SPECIMEN	DEMO
T73	PINE	18"	SPECIMEN	DEMO
T74	PINE	25"	SPECIMEN	DEMO
T75	PINE	18"	SPECIMEN	DEMO
T76	PINE	18"	SPECIMEN	DEMO
T77	PINE	18"	SPECIMEN	DEMO
T78	OAK	25"	RARE	DEMO
T79	PINE	19"	SPECIMEN	DEMO
T80	PINE	22"	SPECIMEN	DEMO

TREE TABLE

TAG #	NAME	SIZE(IN)	TYPE	KEEP/DEMO
T101	PINE	18"	SPECIMEN	DEMO
T102	PINE	18"	SPECIMEN	DEMO
T103	PINE	20"	SPECIMEN	DEMO
T104	PINE	24"	SPECIMEN	DEMO
T105	PINE	22"	SPECIMEN	DEMO
T106	PINE	26"	SPECIMEN	KEEP
T107	PINE	18"	SPECIMEN	KEEP
T108	PINE	20"	SPECIMEN	KEEP
T109	SWEET GUM	14"	SPECIMEN	KEEP
T110	PINE	18"	SPECIMEN	KEEP
T111	MAPLE	26"	RARE	KEEP
T112	PINE	22"	SPECIMEN	DEMO
T113	MAPLE	28"	RARE	DEMO
T114	PINE	20"	SPECIMEN	DEMO
T115	SWEET GUM	14"	SPECIMEN	DEMO
T116	PINE	22"	SPECIMEN	DEMO
T117	ELM	14"	SPECIMEN	DEMO
T118	OAK	14"	SPECIMEN	DEMO
T119	PINE	20"	SPECIMEN	DEMO
T120	MAPLE	12"	SPECIMEN	DEMO
T121	PINE	36"	RARE	DEMO
T122	PINE	60"	RARE	DEMO
T123	ELM	18"	SPECIMEN	KEEP
T124	ELM	14"	SPECIMEN	DEMO
T125	PINE	20"	SPECIMEN	DEMO
T126	SWEET GUM	14"	SPECIMEN	DEMO
T127	SWEET GUM	18"	SPECIMEN	DEMO
T128	ELM	14"	SPECIMEN	DEMO
T129	SWEET GUM	18"	SPECIMEN	DEMO
T130	OAK	12"	SPECIMEN	DEMO
T131	ELM	20"	SPECIMEN	DEMO
T132	PINE	24"	SPECIMEN	DEMO
T133	PINE	18"	SPECIMEN	DEMO
T134	PINE	18"	SPECIMEN	DEMO
T135	PINE	24"	SPECIMEN	DEMO
T136	PINE	18"	SPECIMEN	DEMO
T137	PINE	22"	SPECIMEN	DEMO
T138	PINE	22"	SPECIMEN	DEMO
T139	PINE	18"	SPECIMEN	DEMO
T140	PINE	20"	SPECIMEN	DEMO
T141	SWEET GUM	12"	SPECIMEN	DEMO
T142	PINE	18"	SPECIMEN	DEMO
T143	SWEET GUM	12"	SPECIMEN	KEEP
T144	SWEET GUM	12"	SPECIMEN	KEEP
T145	SWEET GUM	16"	SPECIMEN	KEEP
T146	SWEET GUM	12"	SPECIMEN	KEEP
T147	PINE	22"	SPECIMEN	KEEP
T148	PINE	18"	SPECIMEN	KEEP
T149	PINE	20"	SPECIMEN	KEEP
T150	PINE	18"	SPECIMEN	KEEP

TREE TABLE

TAG #	NAME	SIZE(IN)	TYPE	KEEP/DEMO
T151	PINE	18"	SPECIMEN	KEEP
T152	SWEET GUM	14"	SPECIMEN	DEMO
T153	SWEET GUM	12"	SPECIMEN	DEMO
T154	SWEET GUM	12"	SPECIMEN	DEMO
T155	SWEET GUM	14"	SPECIMEN	DEMO
T156	PINE	18"	SPECIMEN	DEMO
T157	SWEET GUM	20"	RARE	DEMO
T158	SWEET GUM	12"	SPECIMEN	DEMO
T159	PINE	18"	SPECIMEN	DEMO
T160	SWEET GUM	14"	SPECIMEN	DEMO
T161	SWEET GUM	14"	SPECIMEN	DEMO
T162	SWEET GUM	12"	SPECIMEN	DEMO
T163	SWEET GUM	14"	SPECIMEN	DEMO
T164	PINE	20"	SPECIMEN	DEMO
T165	PINE	18"	SPECIMEN	DEMO
T166	OAK	18"	SPECIMEN	DEMO
T167	OAK	26"	RARE	DEMO
T168	OAK	20"	SPECIMEN	DEMO
T169	OAK	26"	RARE	DEMO
T170	HICKORY	14"	SPECIMEN	DEMO
T171	PINE	20"	SPECIMEN	KEEP
T172	OAK	14"	SPECIMEN	KEEP
T173	MAPLE	22"	SPECIMEN	KEEP
T174	PINE	20"	SPECIMEN	KEEP
T175	SWEET GUM	12"	SPECIMEN	KEEP
T176	PINE	18"	SPECIMEN	KEEP
T177	PINE	18"	SPECIMEN	KEEP
T178	PINE	24"	SPECIMEN	KEEP
T179	BAL	30"	SPECIMEN	KEEP
T180	PINE	20"	SPECIMEN	DEMO
T181	PINE	18"	SPECIMEN	DEMO
T182	OAK	12"	SPECIMEN	KEEP
T183	OAK	14"	SPECIMEN	KEEP
T184	OAK	18"	SPECIMEN	KEEP
T185	OAK	22"	SPECIMEN	KEEP
T186	OAK	18"	SPECIMEN	DEMO
T187	OAK	20"	SPECIMEN	DEMO
T188	HICKORY	18"	SPECIMEN	DEMO
T189	OAK	12"	SPECIMEN	DEMO
T190	OAK	16"	SPECIMEN	DEMO
T191	OAK	18"	SPECIMEN	DEMO
T192	OAK	18"	SPECIMEN	DEMO
T193	OAK	18"	SPECIMEN	DEMO
T194	ELM	16"	SPECIMEN	DEMO
T195	OAK	16"	SPECIMEN	DEMO
T196	HICKORY	12"	SPECIMEN	DEMO
T197	HICKORY	16"	SPECIMEN	DEMO
T198	OAK	16"	SPECIMEN	DEMO
T199	HICKORY	14"	SPECIMEN	DEMO
T200	OAK	20"	SPECIMEN	DEMO

TREE TABLE

TAG #	NAME	SIZE(IN)	TYPE	KEEP/DEMO
T201	OAK	18"	SPECIMEN	DEMO
T202	OAK	18"	SPECIMEN	DEMO
T203	OAK	16"	SPECIMEN	DEMO
T204	PINE	18"	SPECIMEN	DEMO
T205	OAK	18"	SPECIMEN	DEMO
T206	OAK	16"	SPECIMEN	DEMO
T207	HICKORY	16"	SPECIMEN	DEMO
T208	PINE	20"	SPECIMEN	DEMO
T209	OAK	16"	SPECIMEN	KEEP
T210	ELM	16"	SPECIMEN	KEEP
T211	MAPLE	20"	SPECIMEN	KEEP
T212	OAK	14"	SPECIMEN	KEEP
T213	PINE	26"	SPECIMEN	KEEP
T214	MAPLE	12"	SPECIMEN	KEEP
T215	POPLAR	24"	RARE	KEEP
T216	MAPLE	12"	SPECIMEN	KEEP
T217	OAK	36"	RARE	KEEP
T218	OAK	20"	SPECIMEN	KEEP
T219	SWEET GUM	20"	SPECIMEN	KEEP
T220	OAK	20"	SPECIMEN	DEMO
T221	PINE	18"	SPECIMEN	DEMO
T222	POPLAR	12"	SPECIMEN	DEMO
T223	POPLAR	16"	SPECIMEN	DEMO
T224	MAPLE	16"	SPECIMEN	DEMO
T225	PINE	18"	SPECIMEN	DEMO
T226	OAK	36"	RARE	DEMO
T227	WALNUT	22"	SPECIMEN	DEMO
T228	MAPLE	20"	SPECIMEN	DEMO
T229	POPLAR	40"	RARE	DEMO
T230	OAK	24"	RARE	DEMO

TREE TABLE

TAG #	NAME	SIZE(IN)	TYPE	KEEP/DEMO
T251	ASH	12"	SPECIMEN	DEMO
T252	PINE	22"	SPECIMEN	DEMO
T253	PINE	22"	SPECIMEN	DEMO
T254	SWEET GUM	20"	SPECIMEN	DEMO
T255	PINE	22"	SPECIMEN	DEMO
T256	MAPLE	16"	SPECIMEN	DEMO
T257	PINE	20"	SPECIMEN	DEMO
T258	SWEET GUM	28"	RARE	DEMO
T259	MAPLE	24"	RARE	DEMO
T260	SWEET GUM	12"	SPECIMEN	DEMO
T261	PINE	18"	SPECIMEN	DEMO
T262	MAPLE	20"	SPECIMEN	DEMO
T263	OAK	12"	SPECIMEN	DEMO
T264	OAK	20"	SPECIMEN	DEMO
T265	SWEET GUM	20"	SPECIMEN	DEMO
T266	PINE	24"	SPECIMEN	DEMO
T267	PINE	22"	SPECIMEN	DEMO
T268	ASH	14"	SPECIMEN	DEMO
T269	PINE	18"	SPECIMEN	DEMO
T270	MAPLE	20"	SPECIMEN	DEMO
T271	PINE	20"	SPECIMEN	DEMO
T272	PINE	20"	SPECIMEN	DEMO
T273	SWEET GUM	16"	SPECIMEN	DEMO
T274	PINE	24"	SPECIMEN	DEMO
T275	PINE	18"	SPECIMEN	DEMO
T276	ELM	12"	SPECIMEN	DEMO
T277	MAPLE	20"	SPECIMEN	DEMO
T278	PINE	18"	SPECIMEN	DEMO
T279	MAPLE	20"	SPECIMEN	DEMO
T280	PINE	20"	SPECIMEN	DEMO
T281	PINE	18"	SPECIMEN	DEMO
T282	ASH	16"	SPECIMEN	DEMO
T283	MAPLE	12"	SPECIMEN	DEMO
T284	PINE	18"	SPECIMEN	DEMO
T285	PINE	18"	SPECIMEN	DEMO
T286	OAK	18"	SPECIMEN	DEMO
T287	OAK	16"	SPECIMEN	DEMO
T288	MAPLE	12"	SPECIMEN	DEMO
T289	PINE	18"	SPECIMEN	DEMO
T290	PINE	18"	SPECIMEN	DEMO
T291	PINE	18"	SPECIMEN	DEMO
T292	MAPLE	20"	SPECIMEN	DEMO
T293	OAK	12"	SPECIMEN	DEMO
T294	OAK	16"	SPECIMEN	DEMO
T295	OAK	12"	SPECIMEN	DEMO
T296	OAK	14"	SPECIMEN	DEMO
T297	MAPLE	18"	SPECIMEN	DEMO
T298	SWEET GUM	22"	SPECIMEN	DEMO
T299	PINE	24"	SPECIMEN	DEMO
T300	OAK	12"	SPECIMEN	DEMO

TREE TABLE

TAG #	NAME	SIZE(IN)	TYPE	KEEP/DEMO
T301	PINE	22"	SPECIMEN	DEMO
T302	OAK	14"	SPECIMEN	DEMO
T303	PINE	20"	SPECIMEN	DEMO
T304	MAPLE	12"	SPECIMEN	DEMO
T305	OAK	16"	SPECIMEN	DEMO
T306	HICKORY	14"	SPECIMEN	DEMO
T307	OAK	12"	SPECIMEN	DEMO
T308	HICKORY	12"	SPECIMEN	DEMO
T309	PINE	24"	SPECIMEN	DEMO
T310	OAK	26"	RARE	DEMO
T311	OAK	16"	SPECIMEN	DEMO
T312	OAK	12"	SPECIMEN	DEMO
T313	PINE	18"	SPECIMEN	DEMO
T314	OAK	22"	SPECIMEN	DEMO
T315	SWEET GUM	20"	SPECIMEN	DEMO
T316	MAPLE	14"	SPECIMEN	DEMO
T317	OAK	16"	SPECIMEN	DEMO
T318	SWEET GUM	22"	SPECIMEN	DEMO
T319	HICKORY	12"	SPECIMEN	DEMO
T320	MAPLE	20"	SPECIMEN	DEMO
T321	CEDAR	6"	SPECIMEN	DEMO
T322	OAK	16"	SPECIMEN	DEMO
T323	OAK	18"	SPECIMEN	DEMO
T324	OAK	18"	SPECIMEN	DEMO
T325	PINE	20"	SPECIMEN	DEMO
T326	OAK	18"	SPECIMEN	DEMO
T327	PINE	18"	SPECIMEN	DEMO
T328	PINE	18"	SPECIMEN	DEMO
T329	OAK	18"	SPECIMEN	DEMO
T330	ASH	16"	SPECIMEN	DEMO
T331	OAK	20"	SPECIMEN	DEMO
T332	SWEET GUM	18"	SPECIMEN	DEMO
T333	OAK	16"	SPECIMEN	DEMO
T334	OAK	18"	SPECIMEN	DEMO
T335	OAK	22"	SPECIMEN	DEMO
T336	OAK	16"	SPECIMEN	DEMO
T337	OAK	17"	SPECIMEN	DEMO
T338	MAPLE	16"	SPECIMEN	DEMO
T339	MAPLE	12"	SPECIMEN	DEMO
T340	OAK	12"	SPECIMEN	DEMO
T341	POPLAR	18"	SPECIMEN	DEMO
T342	SWEET GUM	12"	SPECIMEN	DEMO
T343	SWEET GUM	12"	SPECIMEN	DEMO
T344	BASSWOOD	14"	SPECIMEN	DEMO
T345	OAK	12"	SPECIMEN	DEMO
T346	ASH	12"	SPECIMEN	DEMO
T347	ASH	14"	SPECIMEN	DEMO
T348	OAK	12"	SPECIMEN	DEMO
T349	OAK	14"	SPECIMEN	DEMO
T350	OAK	20"	SPECIMEN	DEMO

TREE TABLE

TAG #	NAME	SIZE(IN)	TYPE	KEEP/DEMO
T351	IRONWOOD	8"	SPECIMEN	DEMO
T352	HICKORY	14"	SPECIMEN	DEMO
T353	OAK	16"	SPECIMEN	DEMO
T354	OAK	16"	SPECIMEN	DEMO
T355	MAPLE	16"	SPECIMEN	DEMO
T356	MAPLE	12"	SPECIMEN	DEMO
T357	SWEET GUM	18"	SPECIMEN	DEMO
T358	OAK	16"	SPECIMEN	DEMO
T359	PINE	22"	SPECIMEN	DEMO
T360	MAPLE	14"	SPECIMEN	DEMO
T361	OAK	12"	SPECIMEN	DEMO
T362	OAK	14"	SPECIMEN	DEMO
T363	PINE	20"	SPECIMEN	DEMO
T364	OAK	16"	SPECIMEN	DEMO
T365	OAK	20"	SPECIMEN	DEMO
T366	OAK	18"	SPECIMEN	DEMO
T367	OAK	36"	RARE	DEMO
T368	HICKORY	26"	RARE	DEMO
T369	PINE	18"	SPECIMEN	DEMO
T370	OAK	16"	SPECIMEN	DEMO
T371	PINE	22"	SPECIMEN	DEMO
T372	PINE	18"	SPECIMEN	DEMO
T373	OAK	18"	SPECIMEN	DEMO
T374	OAK	14"	SPECIMEN	DEMO
T375	OAK	12"	SPECIMEN	DEMO
T376	OAK	16"	SPECIMEN	DEMO
T377	HICKORY	22"	SPECIMEN	DEMO
T378	OAK	14"	SPECIMEN	DEMO
T379	PINE	18"	SPECIMEN	DEMO
T380	OAK	12"	SPECIMEN	DEMO

TREE TABLE

TAG #	NAME	SIZE(IN)	TYPE	KEEP/DEMO
T401	SWEET GUM	20"	SPECIMEN	DEMO
T402	OAK	20"	SPECIMEN	DEMO
T403	OAK	12"	SPECIMEN	DEMO
T404	OAK	12"	SPECIMEN	DEMO
T405	OAK	14"	SPECIMEN	DEMO
T406	PINE	18"	SPECIMEN	DEMO
T407	SWEET GUM	12"	SPECIMEN	DEMO
T408	SWEET GUM	12"	SPECIMEN	DEMO
T409	SWEET GUM	14"	SPECIMEN	DEMO
T410	PINE	18"	SPECIMEN	DEMO
T411	SWEET GUM	12"	SPECIMEN	DEMO
T412	PINE	20"	SPECIMEN	DEMO
T413	SWEET GUM	12"	SPECIMEN	DEMO
T414	SWEET GUM	12"	SPECIMEN	DEMO
T415	PINE	20"	SPECIMEN	DEMO
T416	SWEET GUM	12"	SPECIMEN	DEMO
T417	SWEET GUM	14"	SPECIMEN	DEMO
T418	PINE	22"	SPECIMEN	DEMO
T419	ELM	16"	SPECIMEN	DEMO
T420	PINE	18"	SPECIMEN	DEMO
T421	OAK	16"	SPECIMEN	DEMO
T422	SWEET GUM	16"	SPECIMEN	DEMO
T423	ELM	16"	SPECIMEN	DEMO
T424	MAPLE	16"	SPECIMEN	DEMO
T425	PINE	22"	SPECIMEN	DEMO
T426	PINE	18"	SPECIMEN	DEMO
T427	PINE	20"	SPECIMEN	DEMO
T428	PINE	20"	SPECIMEN	DEMO
T429	OAK	12"	SPECIMEN	DEMO
T430	OAK	12"	SPECIMEN	DEMO
T431	OAK	12"	SPECIMEN	DEMO
T432	OAK	12"	SPECIMEN	DEMO
T433	PINE	20"	SPECIMEN	DEMO
T434	PINE	18"	SPECIMEN	DEMO
T435	PINE	18"	SPECIMEN	DEMO
T436	PINE	18"	SPECIMEN	DEMO
T437	HICKORY	12"	SPECIMEN	DEMO
T438	OAK	16"	SPECIMEN	DEMO
T439	OAK	12"	SPECIMEN	DEMO
T440	PINE	18"	SPECIMEN	DEMO
T441	MAPLE	16"	SPECIMEN	DEMO
T442	SWEET GUM	12"	SPECIMEN	DEMO
T443	SWEET GUM	12"	SPECIMEN	DEMO
T444	MAPLE	14"	SPECIMEN	DEMO
T445	MAPLE	18"	SPECIMEN	DEMO
T446	HICKORY	16"	SPECIMEN	DEMO
T447	MAPLE	18"	SPECIMEN	DEMO
T448	PINE	18"	SPECIMEN	DEMO
T449	MAPLE	12"	SPECIMEN	DEMO
T450	PINE	18"	SPECIMEN	DEMO

TREE TABLE

TAG #	NAME	SIZE(IN)	TYPE	KEEP/DEMO
T451	MAPLE	12"	SPECIMEN	DEMO
T452	MAPLE	12"	SPECIMEN	DEMO
T453	PINE	20"	SPECIMEN	DEMO
T454	MAPLE	14"	SPECIMEN	DEMO
T455	SWEET GUM	16"	SPECIMEN	DEMO
T456	MAPLE	18"	SPECIMEN	KEEP
T457	SWEET GUM	12"	SPECIMEN	DEMO
T458	MAPLE	12"	SPECIMEN	DEMO
T459	MAPLE	14"	SPECIMEN	DEMO
T460	MAPLE	12"	SPECIMEN	DEMO
T461	MAPLE	12"	SPECIMEN	KEEP
T462	PINE	30"	SPECIMEN	DEMO
T463	SWEET GUM	14"	SPECIMEN	DEMO
T464	OAK	14"	SPECIMEN	DEMO
T465	MAPLE	14"	SPECIMEN	DEMO
T466	SWEET GUM	18"	SPECIMEN	DEMO
T467	MAPLE	12"	SPECIMEN	DEMO
T468	SWEET GUM	14"	SPECIMEN	DEMO
T469	SWEET GUM	16"	SPECIMEN	DEMO
T470	MAPLE	12"	SPECIMEN	DEMO
T471	PINE	18"	SPECIMEN	DEMO
T472	MAPLE	12"	SPECIMEN	DEMO
T473	MAPLE	12"	SPECIMEN	DEMO
T474	MAPLE	12"	SPECIMEN	DEMO
T475	MAPLE	12"	SPECIMEN	KEEP
T476	PINE	20"	SPECIMEN	KEEP
T477	OAK	14"	SPECIMEN	KEEP
T478	MAPLE	12"	SPECIMEN	KEEP
T479	BIRCH	12"	SPECIMEN	KEEP
T480	PINE	18"	SPECIMEN	KEEP
T481	PINE	18"	SPECIMEN	KEEP
T482	PINE	18"	SPECIMEN	KEEP
T483	SWEET GUM	12"	SPECIMEN	KEEP
T484	PINE	18"	SPECIMEN	KEEP
T485	MAPLE	12"	SPECIMEN	KEEP
T486	PINE	18"	SPECIMEN	KEEP
T487	MAPLE	12"	SPECIMEN	KEEP
T488	SWEET GUM	12"	SPECIMEN	KEEP
T489	SWEET GUM	12"	SPECIMEN	KEEP
T490	MAPLE	12"	SPECIMEN	KEEP
T491	SWEET GUM	12"	SPECIMEN	KEEP
T492	SWEET GUM	12"	SPECIMEN	KEEP
T493	PINE	18"	SPECIMEN	KEEP
T494	PINE	18"	SPECIMEN	KEEP
T495	PINE	20"	SPECIMEN	KEEP
T496	PINE	18"	SPECIMEN	DEMO
T497	ASH	12"	SPECIMEN	DEMO
T498	OAK	16"	SPECIMEN	DEMO
T499	PINE	18"	SPECIMEN	DEMO
T500	PINE	18"	SPECIMEN	DEMO

TREE TABLE

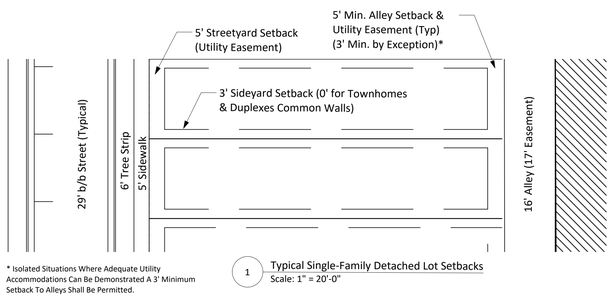
TAG #	NAME	SIZE(IN)	TYPE	KEEP/DEMO
T501	PINE	20"	SPECIMEN	DEMO
T502	ELM	12"	SPECIMEN	DEMO
T503	PINE	18"	SPECIMEN	DEMO
T504	OAK	12"	SPECIMEN	DEMO
T505	ASH	22"	SPECIMEN	DEMO
T506	OAK	20"	SPECIMEN	DEMO
T507	MAPLE	14"	SPECIMEN	DEMO
T508	HICKORY	12"	SPECIMEN	DEMO
T509	SWEET GUM	16"	SPECIMEN	DEMO
T510	POPLAR	12"	SPECIMEN	DEMO
T511	OAK	26"	RARE	KEEP
T512	OAK	12"	SPECIMEN	KEEP
T513	OAK	16"	SPECIMEN	KEEP
T514	OAK	18"	SPECIMEN	KEEP
T515	MAPLE	12"	SPECIMEN	KEEP
T516	MAPLE	12"	SPECIMEN	KEEP
T517	MAPLE	14"	SPECIMEN	KEEP
T518	MAPLE	16"	SPECIMEN	KEEP
T519	SWEET GUM	16"	SPECIMEN	KEEP
T520	PINE	24"	SPECIMEN	KEEP
T521	PINE	24"	SPECIMEN	KEEP
T522	ELM	12"	SPECIMEN	KEEP
T523	PINE	18"	SPECIMEN	KEEP
T524	OAK	12"	SPECIMEN	KEEP
T525	PINE	18"	SPECIMEN	KEEP
T526	PINE	18"	SPECIMEN	KEEP
T527	PINE	18"	SPECIMEN	KEEP
T528	OAK	12"	SPECIMEN	KEEP
T529	PINE	18"	SPECIMEN	KEEP
T530	MAPLE	12"	SPECIMEN	KEEP

TREE TABLE

TAG #	NAME	SIZE(IN)	TYPE	KEEP/DEMO
T551	ELM	12"	SPECIMEN	KEEP
T552	OAK	12"	SPECIMEN	KEEP
T553	ELM	12"	SPECIMEN	KEEP
T554	OAK	16"	SPECIMEN	KEEP
T555	OAK	20"	SPECIMEN	KEEP
T556	PINE	18"	SPECIMEN	KEEP
T557	OAK	12"	SPECIMEN	KEEP
T558	OAK	18"	SPECIMEN	KEEP
T559	PINE	24"	RARE	KEEP
T560	SWEET GUM	14"	SPECIMEN	KEEP
T561	OAK	24"	RARE	KEEP
T562	OAK	24"	RARE	KEEP
T563	OAK	28"	RARE	KEEP
T564	OAK	18"	SPECIMEN	KEEP
T565	OAK	12"	SPECIMEN	KEEP
T566	OAK	14"	SPECIMEN	KEEP
T567	OAK	12"	SPECIMEN	KEEP
T568	OAK	18"	SPECIMEN	KEEP
T569	ELM	14"	SPECIMEN	KEEP
T570	ELM	14"	SPECIMEN	KEEP
T571	OAK	14"	SPECIMEN	KEEP
T572	OAK	14"	SPECIMEN	KEEP
T573	OAK	16"	SPECIMEN	KEEP
T574	MAPLE	12"	SPECIMEN	KEEP
T575	MAPLE	12"	SPECIMEN	KEEP
T576	OAK	24"	RARE	KEEP
T577	PINE	18"	SPECIMEN	KEEP
T578	MAPLE	12"	SPECIMEN	KEEP
T579	MAPLE	12"	SPECIMEN	KEEP
T580	SWEET GUM	12"	SPECIMEN	KEEP
T581	MAPLE	12"	SPECIMEN	KEEP
T582	PINE	18"	SPECIMEN	KEEP
T583	PINE	18"	SPECIMEN	KEEP
T584	PINE	18"	SPECIMEN	KEEP
T585	PINE	20"	SPECIMEN	KEEP
T586	MAPLE	12"	SPECIMEN	KEEP
T587	MAPLE	12"	SPECIMEN	KEEP
T588	OAK	16"	SPECIMEN	KEEP
T589	MAPLE	12"	SPECIMEN	KEEP
T590	OAK	36"	RARE	KEEP
T591	SWEET GUM	20"	SPECIMEN	KEEP
T592	OAK	14"	SPECIMEN	KEEP
T593	SWEET GUM	16"	SPECIMEN	DEMO
T594	MAPLE	14"	SPECIMEN	DEMO
T595	MAPLE	12"	SPECIMEN	DEMO
T596	PINE	18"	SPECIMEN	DEMO
T597	OAK	14"	SPECIMEN	DEMO
T598	PINE	18"	SPECIMEN	DEMO
T599	PINE	18"	SPECIMEN	DEMO
T600	PINE	18"	SPECIMEN	DEMO

TREE TABLE

TAG #	NAME	SIZE(IN)	TYPE	KEEP/DEMO
T601	OAK	12"	SPECIMEN	KEEP
T602	POPLAR	12"	SPECIMEN	KEEP
T603	MAPLE	14"	SPECIMEN	KEEP
T604	PINE	20"	SPECIMEN	KEEP
T605	POPLAR	12"	SPECIMEN	KEEP
T606	POPLAR	12"	SPECIMEN	KEEP
T607	PINE	18"	SPECIMEN	KEEP
T608	PINE	20"	SPECIMEN	KEEP
T609	ASH	12"	SPECIMEN	KEEP
T610	OAK	28"	RARE	KEEP
T611	ASH	12"	SPECIMEN	KEEP
T612	OAK	26"	RARE	KEEP
T613	HICKORY	18"	SPECIMEN	KEEP
T614	OAK	12"	SPECIMEN	KEEP
T615	PINE	18"	SPECIMEN	KEEP
T616	OAK	12"	SPECIMEN	KEEP
T617	OAK	16"	SPECIMEN	KEEP
T618	OAK	12"	SPECIMEN	KEEP
T619	POPLAR	14"	SPECIMEN	KEEP
T620	PINE	18"	SPECIMEN	KEEP
T621	OAK	12"	SPECIMEN	KEEP
T622	POPLAR	22"	SPECIMEN	KEEP
T623	ELM	18"	SPECIMEN	DEMO
T624	SWEET GUM	14"	SPECIMEN	DEMO
T625	OAK	12"	SPECIMEN	DEMO
T626	OAK	14"	SPECIMEN	DEMO
T627	OAK	12"	SPECIMEN	DEMO
T628	ELM	14"	SPECIMEN	DEMO
T629	PINE	18"	SPECIMEN	DEMO
T630	ASH	12"	SPECIMEN	DEMO
T631	PINE	18"	SPECIMEN	DEMO
T632	PINE	24"	SPECIM

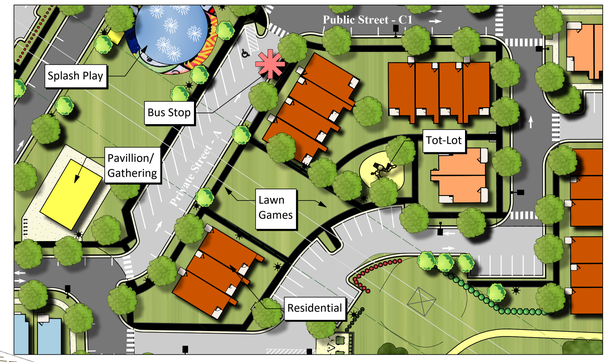


* Isolated Situations Where Adequate Utility Accommodations Can Be Demonstrated A 3' Minimum Setback To Alleys Shall Be Permitted.

1 Typical Single-Family Detached Lot Setbacks
Scale: 1" = 20'-0"

ID	# Units	Description	Unit Type	Building or Unit Envelope	Gross Envelope Area	Taret Unit Size (SF)	# Floors	Market Builder	Habitat	Notes
D	40 DU's	Single-Family Detached		20' x 90'-105'	1,800 SF	1,650-2,100	2 LVL	40 DU's		26' Avg. Lot Width
D	50 DU's	Single-Family Attached/Duplex		22' x 40'	880 SF	1,095-1,260	2 LVL		50 DU's	2-Sty
C	96 DU's	Condos - 1 & 2 BR Elev. Lobby		20'-29' x 35'	10,227 SF	1,100 avg	4-Sty LVL	96 DU's		72 DU's if 3-Sty
T	49 DU's	Townhomes - Moderate		19'-21.5' x 43'	825-930 SF	1,480-1,570	2 LVL		49 DU's	
Total Units	**235 DU's**							**136**	**99**	
P		Cafe	Office Above	60' x 60'	3600 SF	3600-4200	2 LVL			2nd Floor Optional
P		Community Center	Office Above	60' x 50'	3000 SF	3600-4200	2 LVL			2nd Floor Optional
P		Pavilion	Open	30' x 50'	1500 SF	1500	1 LVL			2nd Floor Optional
P		Garage/Fix-It Shop		36'x 45'	1620 SF	1620	1 LVL			2nd Floor Optional

Subject to Change



2 Community Center Residential Option
1" = 50'-0"

Resource Conservation District (RCD)
Trees To Remain
Greenway Easement
Dedication
Natural Walking Trail
Duke Energy
Transmission Easement
Perennial Stream
Wetlands
Natural Walking Trail
Stormwater Pond
Evergreen Buffer Plantings
Entrance Feature
SUNRISE ROAD
Ginger Road
Community
Garden
Dog Park
Splash Play
Pavillion/Gathering
Bus Stop
Public Street - A
Public Street - B
Public Alley - 1
Public Alley - 2
Ginger Road
Amesury Drive
Optional Garages or Carports
60' Ginger Lane R.O.W. (To Be Abandoned East of Entrance Access)
Specimen Trees Surveyed
Stormwater Pond
Fix-It Shop
Bike Fix-It Station
Berm and Plantings Barrier
I-40 (eastbound)
Public Street - C 2
Public Street - C 2
Public Street - C 2
Basketball
Gazebo or Trail
Head Signage
Playground
Public Street - C 1
Community Center
Tot-Lot
Lawn
Games
Patio Seating &
Market Tables
Cafe-Coffee Shop
Stormwater Pond
Natural Walking Trail
Resource Conservation District (RCD)
Trees To Remain
NORTH
0 50 100 150 FT

Disclaimer: This Plan is for Illustrative Purposes Only and Therefore Subject to Change.

SCOTT MURRAY
LAND PLANNING, INC.
Landscape Architecture | Environmental Design | Project Management

Project:

WEAVERS GROVE

CHAPEL HILL, NORTH CAROLINA

PIN Rerference:
9890060413, 9890063350, 9890065926, 9890066312, 9890160437

Developer:

Habitat for Humanity® Orange County, NC
88 Vilcom Center Drive | Suite L110
Chapel Hill, NC 27514
Office: (919) 932-7077 x215

Sheet Title:

Illustrative Plan

Conditional Use Zoning Plans

Surveying/Civil Engineering:

BALLENTINE ASSOCIATES, P.A.
221 PROVIDENCE ROAD CHAPEL HILL, N.C. 27514
(919) 929-0481 www.bapa.eng.pro

No.	Date:	Issue Notes:

Design Firm:

Scott Murray Land Planning, Inc.
274 Botetourt Ct. Boydton, VA 23917
252-213-9501 434-689-2925 (fax)
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smurray@stmlandplan.com

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Scale:	1" = 50'-0"
Date:	July 9, 2020
Drawn & Checked By:	STM
Surveyed:	

L1001

of

NOTES

1. ALL DRIVE AISLES AND PARKING LOTS SHALL BE CONSTRUCTED TO TOWN OF CHAPEL HILL STANDARDS.
2. THE TOWN OF CHAPEL HILL, ITS ASSIGNS OR ORANGE COUNTY SHALL NOT BE RESPONSIBLE FOR ANY PAVEMENT DAMAGE THAT MAY RESULT FROM SERVICE VEHICLES.
3. ALL WALKWAYS SHALL BE CONSTRUCTED WITH A 2% CROSS SLOPE IN THE DIRECTION SHOWN ON THE GRADING PLAN.
4. PRIOR TO INSTALLATION OF ANY STREET SIGNS OR MARKINGS, THE DEVELOPER WILL CONTACT THE TOWN'S PUBLIC WORKS DEPARTMENT FOR AN ON-SITE APPROVAL OF THE FINAL DESIGN AND PLACEMENT.
5. ALL PAVEMENT MARKINGS WITHIN THE PUBLIC RIGHT-OF-WAY WILL BE INSTALLED USING A THERMAL PLASTIC MATERIAL WITH A MINIMUM THICKNESS OF 125 MILS.
6. HANDICAP RAMPS ARE NOT SHOWN ON THIS PLAN FOR CLARITY, BUT ARE REQUIRED AT ALL CROSSWALK LOCATIONS. CURB DEPRESSIONS SHALL BE PROVIDED AT ALL LOCATIONS WHERE FUTURE SIDEWALKS/CROSSWALKS COULD BE INSTALLED.

SITE DATA TABLE

APPLICANT:	HABITAT FOR HUMANITY OF ORANGE COUNTY NC
PROPERTY OWNER:	HABITAT FOR HUMANITY OF ORANGE COUNTY NC
PROPERTY ADDRESS:	7516 SUNRISE ROAD
PIN NUMBERS:	9890-06-5926; 9890-16-0437; 9890-06-6312; 9890-06-3350; 9890-06-0413;
EXISTING ZONING:	R-2
PROPOSED ZONING:	R6-CZ / NC-CZ
EXISTING USE:	SINGLE FAMILY/ VACANT
PROPOSED USE:	RESIDENTIAL

	R6-CZ	NC-CZ	TOTAL
NET LAND AREA:*	1,344,494 SF (30.87 AC)	73,663 SF (1.69 AC)	1,418,157 SF (32.56 AC)
CREDITED STREET AREA:	134,449 SF (3.08 AC)	7,366 SF (0.17 AC)	141,816 SF (3.25 AC)
GROSS LAND AREA:	1,478,943 SF (33.95 AC)	81,029 SF (1.86 AC)	1,559,973 SF (35.81 AC)
FLOOR AREA SUMMARY:	AREA	FAR	ALLOWABLE FA
STREAMSIDE RCD	141,252 SF	.010	1,413 SF
MANAGED USE RCD ZONE	78,801 SF	.019	1,497 SF
UPLAND RCD ZONE	68,939 SF	.303	20,889 SF
NON-RCD (R6-CZ ZONING)	1,197,318 SF	.303	362,787 SF
NON-RCD (NC-CZ ZONING)	73,663 SF	.264	19,447 SF
TOTAL	1,559,973 SF		406,063 SF
EXISTING FLOOR AREA:		26,852 SF	
FLOOR AREA TO BE DEMOLISHED:		26,852 SF	

DEVELOPMENT SUMMARY:			
RESIDENTIAL SUMMARY:	R6-CZ	NC-CZ	TOTAL
DWELLING UNITS ALLOWED	509 (15 DUs PER AC OF GLA)	18 (10 DUs PER AC OF GLA)	527
EXISTING DWELLING UNITS	3	0	3
DWELLING UNITS TO BE DEMOLISHED	3	0	3
PROPOSED DUPLEX (AFFORDABLE)	50 DU	0 DU	50 DU
PROPOSED TOWNHOME (AFFORDABLE)	49 DU	0 DU	49 DU
PROPOSED CONDO	96 DU	0 DU	96 DU
PROPOSED SINGLE FAMILY LOTS	40 DU	0 DU	40 DU
TOTAL PROPOSED DWELLING UNITS	235 DU	0 DU	235 DU
TOTAL PROP. RESIDENTIAL F.A. :	408,000 SF (360,000 SF NOT INCL. SINGLE FAMILY)		
NON-RESIDENTIAL SUMMARY:	R6-CZ	NC-CZ	TOTAL
COMMUNITY CENTER (2-STORY)	0 SF	6,000 SF	6,000 SF
CAFE (2-STORY)	0 SF	9,200 SF	9,200 SF
PAVILION	0 SF	1,500 SF	1,500 SF
GARAGE	2,300 SF	0 SF	2,300 SF
TOTAL PROP. NON-RESIDENTIAL F.A.:	19,000 SF (17,500 SF NOT INCL. PAVILION)		
TOTAL PROP. F.A. (ALL APPLICABLE USES):	377,500 SF		

PARKING SUMMARY	VEHICULAR PARKING		BIKE PARKING
PARKING REQD. R6-CZ (3 BR):	1.75/DU (MIN)	2.25/DU (MAX)	1/4DU**
DUPLEX	88	113	13
TOWNHOME	86	111	13
CONDO	168	216	24
SINGLE FAMILY LOTS	N/A	N/A	N/A
GARAGE	1/2,500 SF =1	1/1,500 SF =2	MIN = 4
TOTAL RESIDENTIAL PARKING:	343	442	54
PARKING REQ. NC-CZ :			
COMMUNITY CENTER	1/4 PERSONS = 5	1/2.5 PERSONS = 8	MIN 8; 1/40 =8
CAFE	1/375 SF =25	1/250 SF =37	4+2/2,500 SF =12
PAVILION	1/4 PERSONS = 5	1/2.5 PERSONS = 8	MIN 8; 1/40 =8
TOTAL REQUIRED PARKING SPACES:	378 (MIN)	495 (MAX)	82
TOTAL PARKING SPACES PROVIDED:	432		82***

IMPERVIOUS SUMMARY:	R6-CZ	NC-CZ	TOTAL
EXISTING	47,445 SF (1.09 AC)	7,854 SF (0.18 AC)	55,299 SF (1.27 AC)
EXISTING TO BE DEMOLISHED	47,445 SF (1.09 AC)	7,854 SF (0.18 AC)	55,299 SF (1.27 AC)
POST DEVELOPED PROPOSED	526,892 SF (12.10 AC)	43,320 SF (0.99 AC)	570,212 SF (13.09 AC)
PROPOSED ALLOWANCE	1,698 SF (0.04 AC)	90 SF (0.00 AC)	1,788 SF (0.04 AC)
TOTAL POST DEVELOPED PROPOSED	528,590 SF (12.13 AC)	43,410 SF (1.00 AC)	572,000 SF (13.13 AC)
NET IMPERVIOUS INCREASE	481,145 SF (11.04 AC)	35,556 SF (0.82 AC)	516,701 SF (11.86 AC)

LAND DISTURBANCE SUMMARY:			
ON-SITE:	R6-CZ	NC-CZ	TOTAL
JORDAN BUFFER:	11,544 SF (0.26 AC)	0 SF (0.00 AC)	11,544 SF (0.26 AC) (8.2% OF TOTAL)
RCD (OUTSIDE JORDAN BUFFER):			
MANAGED USE ZONE	26,864 SF (0.62 AC)	0 SF (0.00 AC)	26,864 SF (0.62 AC) (34.1% OF TOTAL)
UPLAND ZONE	32,236 SF (0.74 AC)	0 SF (0.00 AC)	32,236 SF (0.74 AC) (46.8% OF TOTAL)
WALKING TRAIL	16,700 SF (0.38 AC)	0 SF (0.00 AC)	16,700 SF (0.38 AC)
OTHER LAND DISTURBANCE:	908,697 SF (20.86 AC)	73,663 SF (1.69 AC)	982,360 SF (22.55 AC)
TOTAL ON-SITE DISTURBANCE:	996,041 SF (22.86 AC)	73,663 SF (1.69 AC)	1,069,704 SF (24.56 AC)

OFF-SITE:	
SUNRISE RD. R/W:	16,607 SF (0.38 AC)
GINGER RD. R/W:	26,923 SF (0.62 AC)
BERM:	
JORDAN BUFFER	0 SF (0.00 AC)
RCD (OUTSIDE JORDAN BUFFER)	
MANAGED USE ZONE	7,077 SF (0.16 AC) (51.71% OF TOTAL)
UPLAND USE ZONE	12,322 SF (0.28 AC) (97.46% OF TOTAL)
OTHER LAND DISTURBANCE	17,185 SF (0.39 AC)
TOTAL OFF-SITE LAND DISTURBANCE	80,114 SF (1.84 AC)
GRAND TOTAL LAND DISTURBANCE	1,149,818 SF (26.40 AC)
RECREATION SPACE SUMMARY:	SEE SHEET L1006

* INCLUDES NORTHERN HALF OF GINGER ROAD RIGHT-OF-WAY (25,032 S.F.) WHICH WILL BE INCORPORATED INTO THE SITE AS PART OF THE GINGER ROAD ABANDONMENT. DOES NOT INCLUDE SOUTHERN HALF OF GINGER ROAD RIGHT-OF-WAY.

** RESIDENTIAL BICYCLE PARKING IS 1 PARKING SPACE PER 4 DWELLING UNITS OF DUPLEX, TOWNHOME AND CONDO.

*** A TOTAL OF 66 BIKE PARKING SPACES ARE SHOWN ON THIS PLAN FOR CONDO AND NON-RESIDENTIAL BUILDINGS. BIKE PARKING FOR DUPLEXES AND TOWNHOMES WILL BE PROVIDED WITHIN THE UNITS AND WILL BE SHOWN ON BUILDING PERMIT DRAWINGS.

DRAWING LEGEND

SYMBOL/ABBREVIATION EXISTING	PROPOSED	DESCRIPTION
OHE		OVERHEAD ELECTRIC LINE
		PROPERTY LINE
		RIGHT-OF-WAY LINE
		ADJOINER PROPERTY LINE
		EASEMENT LINE
		SETBACK LINE
		ROAD CENTERLINE
		STORMWATER MANAGEMENT
		PROPOSED ZONING DIVIDE
		TREE LINE
	C	4-STORY CONDOMINIUM (32 DU'S)
	D	DUPLEX (2-STORY)
	T	TOWNHOME (2-STORY)
	P	NON-RESIDENTIAL BUILDINGS
		LANDSCAPE BUFFER (TYP.) – SEE SHEET L1003

A4 / C1000 PROPOSED CHAPEL HILL TRANSIT ROUTE
SCALE: 1" = 200'

A3 / C1000 TYPICAL PARKING ENLARGEMENT
SCALE: 1" = 30'

NC GRID NAD 83

SITE PLAN

(GRAPHIC SCALE IN FEET)
1 inch = 60 ft.

REVIEW DRAWING
NOT FOR CONSTRUCTION

BALLENTINE ASSOCIATES, P.A.
221 PROVIDENCE ROAD, CHAPEL HILL, N.C. 27514
(919) 929 - 0481 (919) 489 - 4789

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Ballentine Associates, P.A. CORPORATE SEAL C328 NORTH CAROLINA Chapel Hill

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 047422 GEORGE R. RETSEK

NUM	REVISIONS	DATE
1	PER LAYOUT REVISIONS AND TOCH REVIEW COMMENTS	15 NOV 19
2	PER TOWN OF CHAPEL HILL COMMENTS	04 FEB 20
3	SITE DATA TABLE REVS	28 FEB 20

OWNER INFORMATION
HABITAT FOR HUMANITY OF ORANGE CO
88 VILCOM CENTER DR
SUITE L110
CHAPEL HILL, NC 27514
OWNERS REPRESENTATIVE:
JENNIFER PLAYER
(919) 932-7077 x 215
FAX
EMAIL jplayer@orangehabitat.org

ISSUED	DATE
CONDITIONAL ZONING SUBMITTAL #1	27 JUN 19
CONDITIONAL ZONING SUBMITTAL #2	15 NOV 19
CONDITIONAL ZONING SUBMITTAL #3	04 FEB 20
CONDITIONAL ZONING SUBMITTAL #4	28 FEB 20

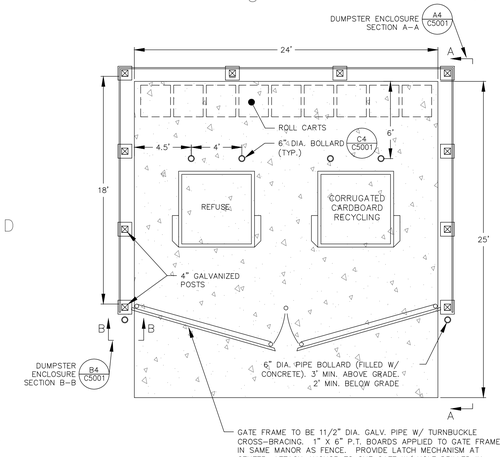
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CHAPEL HILL, NORTH CAROLINA

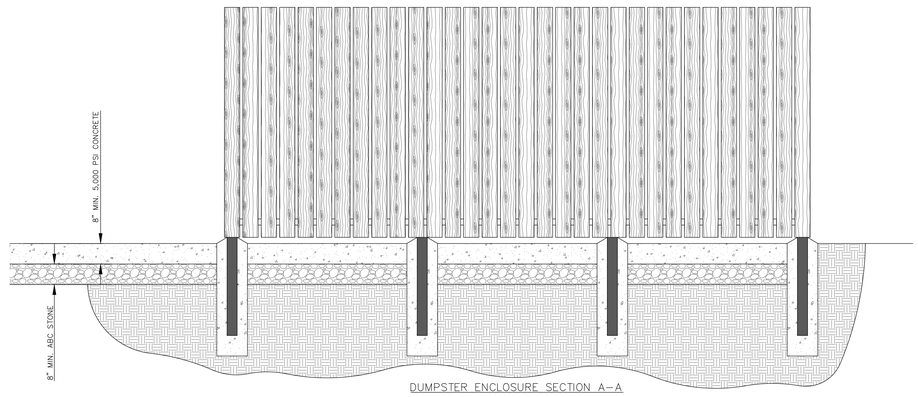
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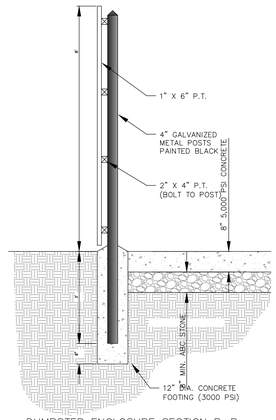
JOB # 118016.00
DATE: 27 JUN 19
SCALE: AS NOTED
DRAWN BY: T.L.P.
REVIEWED BY: G.J.R.

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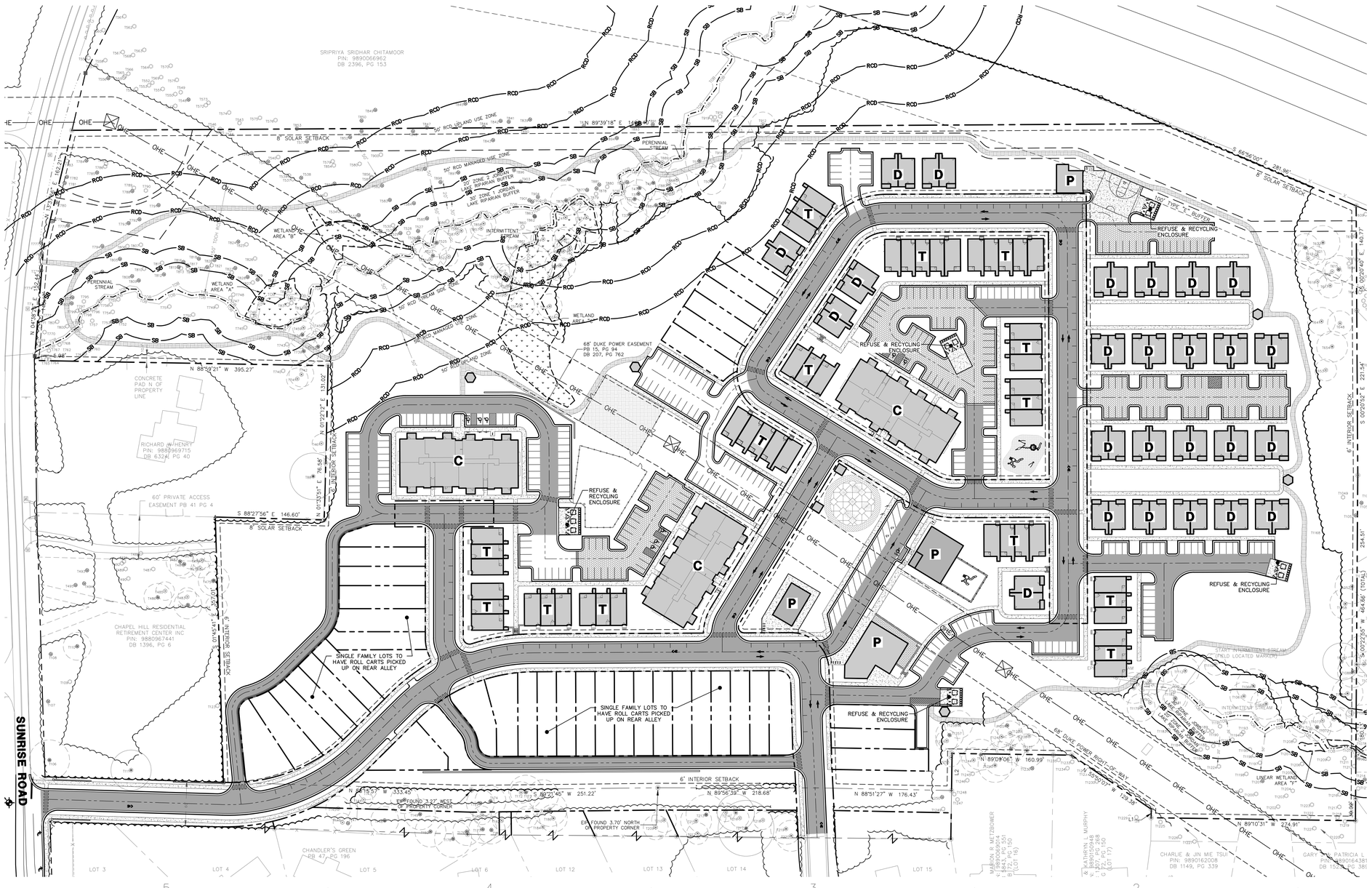






C4 / C1004 DUMPSTER ENCLOSURE (TYP.)

SCALE: 1" = 5'



SOLID WASTE MANAGEMENT PLAN (PRELIMINARY)

PROJECT NARRATIVE

THE FOLLOWING IS A NARRATIVE OF HOW SOLID WASTE, MIXED RECYCLABLES, AND CORRUGATED CARDBOARD WILL BE HANDLED FOR THE NEW WEAVERS GROVE DEVELOPMENT OFF OF SUNRISE RD. IN CHAPEL HILL. IT IS THE INTENT OF THE PROJECT DEVELOPER/APPLICANT TO UTILIZE THE SERVICES OF A PRIVATE COMPANY FOR THE COLLECTION OF THE STORED SOLID WASTE, MIXED RECYCLABLES, AND CORRUGATED CARDBOARD PURSUANT TO THIS OUTLINE*. IN DOING SO, THE PROJECT DEVELOPER/APPLICANT UNDERSTANDS AND AGREES THAT THEY ARE WAIVING THEIR RIGHTS TO HAVE ORANGE COUNTY COMMUNITY RECYCLING COLLECT MIXED RECYCLABLES AND THAT THE PROJECT WILL NOT RECEIVE PUBLIC RECYCLING COLLECTION AT ANY TIME NOW OR IN THE FUTURE UNLESS A RECYCLING CENTER IS CONSTRUCTED TO ORANGE COUNTY SPECIFICATIONS OR CONTINGENCY FOR SUCH A CENTER IS INCLUDED ON THE DEVELOPMENT PLANS. FURTHER, THE PROJECT DEVELOPER/APPLICANT UNDERSTANDS THAT THE FEES FOR PUBLIC RECYCLING AND WASTE MANAGEMENT WILL NOT BE WAIVED. IN ADDITION, PRIOR TO PLAN APPROVAL, THE PROJECT DEVELOPER/APPLICANT SHALL PROVIDE A COPY OF A LETTER FROM THE INTENDED PRIVATE GARBAGE, MIXED RECYCLABLE AND CORRUGATED CARDBOARD COLLECTOR ACKNOWLEDGING THAT THEY HAVE REVIEWED THE PROJECT PLANS AND AGREE TO THE PRESCRIBED METHODS FOR STORAGE AND COLLECTION OF THESE MATERIALS AS STATED HEREIN.

REFUSE SUMMARY

A. THE PROJECT IS DESIGNED WITH A GARBAGE DUMPSTER. GARBAGE RECEPTACLES WILL BE LOCATED THROUGHOUT THE BUILDING AND SITE, AND WILL BE MONITORED AND COLLECTED AS NEEDED BY MANAGEMENT PERSONNEL. RESIDENTS ARE RESPONSIBLE FOR DEPOSITING THEIR TRASH INTO THE DUMPSTER. CORRUGATED CARDBOARD AND MIXED RECYCLABLES SHALL NOT BE PLACED IN THE GARBAGE DUMPSTER. GARBAGE AND RECYCLING RECEPTACLES WILL BE MARKED WITH APPROPRIATE SYMBOLS.
B. THE DUMPSTERS WILL BE LOCATED IN THE ENCLOSURES LOCATED THROUGHOUT THE SITE. MANAGEMENT PERSONNEL SHALL BE RESPONSIBLE FOR MANAGING THE DUMPSTER ENCLOSURE AS NEEDED.
C. ON TRASH COLLECTION DAY, MANAGEMENT PERSONNEL SHALL ENSURE THAT THE DUMPSTERS ARE ACCESSIBLE TO THE PRIVATE COLLECTION VENDOR. "NO PARKING" SIGNS SHALL BE PLACED ON THE OUTSIDE OF THE DUMPSTER ENCLOSURE GATE.
D. INITIALLY WE ANTICIPATE TRASH PICK-UP TO OCCUR AT LEAST TWICE PER WEEK. MANAGEMENT PERSONNEL WILL MONITOR TRASH VOLUMES AND ADJUST PICK-UP SCHEDULE(S) AS NEEDED.
E. GARBAGE COLLECTION AND HAUL OFF WILL BE PERFORMED BY A PRIVATE VENDOR, HIRED BY MANAGEMENT.*

RECYCLING SUMMARY

A. THE PROJECT IS DESIGNED WITH AN OVER-SIZED DUMPSTER ENCLOSURE TO ACCOMMODATE 90 GALLON ROLL CARTS. THE ROLL CARTS WILL BE USED TO STORE ALL COMMINGLED RECYCLING, INCLUDING CORRUGATED CARDBOARD. RESIDENTS ARE RESPONSIBLE FOR DEPOSITING THEIR RECYCLABLES THE 90 GALLON ROLL CARTS.
B. TRASH SHALL NOT BE PLACED IN THE RECYCLING ROLL CARTS AND SIGNS STATING THIS WILL BE PLACED ON THE CARTS.
C. INITIALLY WE ANTICIPATE COMMINGLED RECYCLING PICK-UP TO OCCUR AT LEAST TWICE PER WEEK. MANAGEMENT PERSONNEL WILL MONITOR COMMINGLED RECYCLING VOLUMES AND ADJUST PICK-UP SCHEDULE(S) AS NEEDED.
D. RECYCLING COLLECTION AND HAUL OFF WILL BE PERFORMED BY A PRIVATE VENDOR, HIRED BY MANAGEMENT.*

CARDBOARD

A. AS NOTED ABOVE, CORRUGATED CARDBOARD WILL BE COMMINGLED WITH OTHER RECYCLABLES AND PLACED INTO THE 90 GALLON ROLL CARTS.
B. RESIDENTS WILL BE RESPONSIBLE FOR DELIVERING BROKEN DOWN CORRUGATED CARDBOARD BOXES AND OTHER CARDBOARD TO THE ROLL CARTS.
C. INITIALLY WE ANTICIPATE RECYCLING PICK-UP TO OCCUR AT LEAST TWICE PER WEEK. MANAGEMENT PERSONNEL WILL MONITOR CARDBOARD VOLUMES AND ADJUST PICK-UP SCHEDULE(S) AS NEEDED.

* TOWN COLLECTION OF TRASH AND COUNTY COLLECTION OF RECYCLING WILL BE REQUESTED FOR ANY SINGLE-FAMILY HOMES DEVELOPED AS PART OF THIS PROJECT.

CONSTRUCTION WASTE NOTES

1. ALL EXISTING STRUCTURES 500 SQUARE FEET AND LARGER SHALL BE ASSESSED PRIOR TO THE ISSUANCE OF A DEMOLITION PERMIT TO ENSURE COMPLIANCE WITH THE COUNTY'S REGULATED RECYCLABLE MATERIALS ORDINANCE (RRMO) AND TO ASSESS THE POTENTIAL FOR DECONSTRUCTION AND/OR THE REUSE OF SALVAGEABLE MATERIALS.
2. PURSUANT TO THE COUNTY'S RRMO, CLEAN WOOD WASTE, SCRAP METAL, AND CORRUGATED CARDBOARD PRESENT IN CONSTRUCTION OR DEMOLITION WASTE MUST BE RECYCLED.
3. PURSUANT TO THE COUNTY'S RRMO, ALL HAULERS OF MIXED CONSTRUCTION AND DEMOLITION WASTE (WHICH INCLUDES ANY REGULATED RECYCLABLE MATERIALS) SHALL BE LICENSED BY ORANGE COUNTY.
4. PRIOR TO ANY DEMOLITION OR CONSTRUCTION ACTIVITY ON THE SITE, THE APPLICANT SHALL HOLD A PRE-DEMOLITION/PRE-CONSTRUCTION CONFERENCE WITH SOLID WASTE STAFF. THIS MAY BE THE SAME PRE-CONSTRUCTION MEETING HELD WITH OTHER DEVELOPMENT/ENFORCEMENT OFFICIALS.
5. THE PRESENCE OF ANY ASBESTOS CONTAINING MATERIALS ("ACM") AND/OR OTHER HAZARDOUS MATERIALS SHALL BE HANDLED IN ACCORDANCE WITH ANY AND ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND GUIDELINES.

DRAWING LEGEND

SYMBOL/ABBREVIATION EXISTING	PROPOSED	DESCRIPTION
		PROPERTY LINE / RIGHT-OF-WAY
		ROAD CENTER LINE
		EASEMENT
		SETBACK LINE
		HEAVY DUTY ASPHALT PAVEMENT

OWNER INFORMATION
HABITAT FOR HUMANITY OF ORANGE CO
88 VILCOM CENTER DR
SUITE L110
CHAPEL HILL, NC 27514
OWNERS REPRESENTATIVE:
JENNIFER PLAYER
(919) 932-7077 x 215
FAX
EMAIL jplayer@orangehabitat.org

NC GRID NAD 83

SOLID WASTE MANAGEMENT PLAN

60 0 30 60 120

(GRAPHIC SCALE IN FEET)
1 inch = 60 ft.

REVIEW DRAWING NOT FOR CONSTRUCTION

BALLENTINE ASSOCIATES, P.A.
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Ballentine Associates P.A. CORPORATE SEAL C328 NORTH CAROLINA Chapel Hill

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 2497 KARA E. RETTELLE

NUM	REVISIONS	DATE
1	PER LAYOUT REVISIONS AND TOCH REVIEW COMMENTS	15 NOV 19
2	PER TOWN OF CHAPEL HILL COMMENTS	04 FEB 20

ISSUED	DATE
CONDITIONAL ZONING SUBMITTAL #1	27 JUN 19
CONDITIONAL ZONING SUBMITTAL #2	15 NOV 19
CONDITIONAL ZONING SUBMITTAL #3	04 FEB 20

WEAVERS GROVE
CHAPEL HILL, NORTH CAROLINA

CONDITIONAL ZONING DOCUMENTS

JOB # 118016.00
DATE: 27 JUN 19
SCALE: AS NOTED
DRAWN BY: T.L.P.
REVIEWED BY: G.J.R.

SHEET
C1004

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UTILITY PLAN NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITHIN CHAPEL HILL STANDARDS AND SPECIFICATIONS.
2. ALL WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH OWASA STANDARDS AND SPECIFICATIONS.
3. ALL PROPOSED UTILITY LINES SHALL BE LOCATED UNDERGROUND. THIS DOES NOT APPLY TO COMPONENTS THAT ARE REQUIRED TO BE LOCATED ABOVE GROUND SUCH AS BACKFLOW PREVENTERS AND TRANSFORMERS.
4. FINAL ROUTING OF UTILITIES SHALL BE DETERMINED DURING THE ZCP PHASE.

DRAWING LEGEND

SYMBOL/ABBREVIATION EXISITING	PROPOSED	DESCRIPTION
		CATCH BASIN
		SANITARY SEWER MANHOLE
		SEWER CLEANOUT
		22.5° – BEND PIPE
		45° – BEND PIPE
		90° – BEND PIPE
		TEE– BEND PIPE
		FIRE HYDRANT
		YARD HYDRANT
		WATER METER VAULT
		BLOW–OFF ASSEMBLY
		FIRE DEPARTMENT CONNECTION
W	W	WATER LINE
8" DIP	SS	SANITARY SEWER LINE
OHE	OHE	OVERHEAD ELECTRIC LINE
		EASEMENT LINE
SD		STORM DRAINAGE PIPE

PROPOSED WATER MAIN AND SANITARY SEWER FORCE MAIN IN 40' OWASA EASEMENT

PROPOSED 8" DIP WATER MAIN (TYP.)

PROPOSED 40' WIDE OWASA COMBINED UTILITY EASEMENT (TYP.)

PROPOSED 30' WIDE OWASA SANITARY SEWER EASEMENT (TYP.)

PROPOSED YARD HYDRANT

PROPOSED FIRE HYDRANT (TYP.)

PROPOSED PUBLIC RIGHT OF WAY (TYP.)

PROPOSED 8" DIP SANITARY SEWER MAIN (TYP.)

SANITARY SEWER EXTENSION BY OTHERS

PROPOSED BLOW OFF ASSEMBLY (TYP.)

COPPER WATER SERVICE WITH METER BOX (TYP.)

DUCTILE IRON SANITARY SEWER SERVICE WITH CLEANOUT (TYP.)

REMOVE 4" BLOW OFF ASSEMBLY

EXISTING 12" DI WATER MAIN

REMOVE 2" BLOW OFF ASSEMBLY

EXISTING 8" DI WATER MAIN

GINGER ROAD

SUNRISE ROAD

AMESBURY DRIVE

68' DUKE POWER EASEMENT PB 15, PG 94 DB 207, PG 762

66' DUKE POWER RIGHT-OF-WAY

WETLAND AREA "A"

WETLAND AREA "B"

WETLAND AREA "E"

WETLAND AREA "F"

PERENNIAL STREAM

INTERMITTENT STREAM

50' RCD UPLAND USE ZONE

50' RCD MANAGED USE ZONE

ZONE 2 JORDAN RIPARIAN BUFFER

ZONE 1 JORDAN RIPARIAN BUFFER

8' SOLAR SETBACK

6' INTERIOR SETBACK

LINEAR WETLAND AREA "F"

STREAM END

STREAM START

UTILITY PLAN

(GRAPHIC SCALE IN FEET)
1 inch = 60 ft.

REVIEW DRAWING NOT FOR CONSTRUCTION

BALLENTINE ASSOCIATES, P.A.
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Ballentine Associates, P.A. CORPORATE SEAL C328 NORTH CAROLINA (Chapel Hill)

NORTH CAROLINA SEAL 040147 ENGINEER GREGORY J. RETTELLE REGISTERED PROFESSIONAL ENGINEER

NUM	REVISIONS	DATE
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2	PER TOWN OF CHAPEL HILL COMMENTS	04 FEB 20

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CHAPEL HILL, NC 27514
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ISSUED	DATE
CONDITIONAL ZONING SUBMITTAL #1	27 JUN 19
CONDITIONAL ZONING SUBMITTAL #2	15 NOV 19
CONDITIONAL ZONING SUBMITTAL #3	04 FEB 20

WEAVERS GROVE
CHAPEL HILL, NORTH CAROLINA

CONDITIONAL ZONING DOCUMENTS

JOB #: 118016.00
DATE: 27 JUN 19
SCALE: AS NOTED
DRAWN BY: T.L.P.
REVIEWED BY: G.J.R.

SHEET
C1101

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PLAN KEY NOTES

1. TEMPORARY SEDIMENT BASIN / PERMANENT STORMWATER CONTROL MEASURE (SCM)
2. TEMPORARY CONSTRUCTION EXIT
3. SEGMENTAL BLOCK RETAINING WALL (LENGTH AND HEIGHT AS NOTED ON PLAN)
4. CAST-IN-PLACE RETAINING WALL (LENGTH AND HEIGHT AS NOTED ON PLAN)

CONSTRUCTION MANAGEMENT PLAN

1. CONSTRUCTION MANAGEMENT PLAN WILL BE FINALIZED DURING THE ZCP PHASE.
2. CONSTRUCTION SHALL COMPLY WITH THE CHAPEL HILL NOISE ORDINANCE, ARTICLE 3, SECTION 11-40.
3. CONSTRUCTION HOURS SHALL BE FROM 7:00 AM – 9:00 PM ON WEEKDAYS AND 8:00 AM – 9:00 PM ON WEEKENDS PER SECTION 11-40.
4. NO BLASTING OR BURNING ARE PERMITTED ON SITE.
5. A WATER TRUCK SHALL BE USED TO MINIMIZE DUST.
6. CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PREVENT AND REMOVE THE DEPOSIT OF SILT ON ADJACENT PAVED ROADWAYS.
7. ALL STORAGE, STAGING, AND PARKING SHALL BE ON-SITE AND CONTAINED WITHIN THE CONSTRUCTION LIMITS. NONE OF THESE ACTIVITIES SHALL OCCUR WITHIN TREE PROTECTION ZONES AT ANY TIME.
8. CONSTRUCTION VEHICLES TO ACCESS THE SITE FROM SUNRISE ROAD.

EROSION CONTROL NOTES

1. THIS PLAN IS SCHEMATIC AND IS INTENDED ONLY TO SHOW THE GENERAL LOCATION OF MAJOR EROSION CONTROL FEATURES TO BE REQUIRED. A DETAILED EROSION CONTROL PLAN MEETING ALL APPLICABLE TOWN OF CHAPEL HILL & ORANGE COUNTY REQUIREMENTS WILL BE SUBMITTED AS PART OF A LAND DISTURBANCE APPLICATION DURING THE ZCP PROCESS.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NCDEQ, ORANGE COUNTY AND TOWN OF CHAPEL HILL STANDARDS AND SPECIFICATIONS.

CONSTRUCTION SEQUENCE

1. CONSTRUCTION SEQUENCE WILL BE PROVIDED DURING ZCP PHASE.

TRAFFIC CONTROL PLAN

1. TRAFFIC CONTROL PLAN WILL BE PROVIDED DURING ZCP PHASE.

GRADING AND STORM DRAINAGE NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NCDEQ, NCDOT AND TOWN OF CHAPEL HILL STANDARDS AND SPECIFICATIONS.
2. CONTRACTOR SHALL HAVE NORTH CAROLINA ONE CALL (1-800-632-4949). LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL VERIFY THE DEPTH AND LOCATION OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO BEGINNING CONSTRUCTION.
3. ALL STORM DRAINAGE PIPING WITH INSIDE DIAMETER OF 15 INCHES AND LARGER SHALL BE CLASS III RCP.
4. THIS PLAN IS DIAGRAMMATIC AND REPRESENTS THE APPROXIMATE LOCATION OF UTILITIES UNLESS SPECIFICALLY DIMENSIONED. THE CONTRACTOR SHALL COORDINATE THE ACTUAL LOCATION OF UTILITIES TO AVOID CONFLICTS AND MEET MINIMUM SIZE, SLOPE, AND CODE REQUIREMENTS.
5. ALL SIDEWALKS SHALL BE CONSTRUCTED SUCH THAT THE LONGITUDINAL SLOPE DOES NOT EXCEED 5% AND THE CROSS-SLOPE DOES NOT EXCEED 2%. IF THERE ARE ANY DISCREPANCIES, NOTIFY THE ENGINEER.
6. NO PART OF ANY ACCESSIBLE PARKING SPACE OR ADJACENT ACCESSIBLE AISLE SHALL SLOPE GREATER THAN 2% IN ANY DIRECTION. IF THERE ARE ANY DISCREPANCIES, NOTIFY THE ENGINEER.
6. THESE NOTES APPLY TO ALL GRADING AND DRAINAGE SHEETS.
7. ALL SCM'S TO BE PRIVATELY MAINTAINED.

SUNRISE ROAD
60' PUBLIC R/W

GINGER ROAD
60' PUBLIC R/W

CROSS-ACCESS EASEMENT BK 6642 PG 1665-1666

BERM GRADING EASEMENT BK 6642 PG 1665-1666

SRIPRIYA SRIDHAR CHITAMOOR PIN: 9880066962 DB 2391, PG 153

RICHARD W. HENRY PIN: 9880969715 DB 6324, PG 40

CHAPEL HILL RESIDENTIAL RETIREMENT CENTER, INC. PIN: 9880967441 DB 1396, PG 61

CHANDLER'S GREEN PB 47, PG 196

60' PRIVATE ACCESS EASEMENT PB 41 PG 4

WETLAND AREA "A"

WETLAND AREA "B"

PERENNIAL STREAM

INTERMITTENT STREAM

LINEAR WETLAND AREA "1"

50' RCD UPLAND USE ZONE

50' RCD MANAGED USE ZONE

50' RCD STREAM SIDE ZONE

30' ZONE 1 JORDAN LAKE RIPARIAN BUFFER

20' ZONE 2 JORDAN LAKE RIPARIAN BUFFER

65' DUKE POWER RIGHT-OF-WAY

GRASS SWALE

393' LONG 3' TALL

314' LONG 3' TALL

388' LONG 3' TALL

372' LONG 7' TALL

76' LONG 1.5' TALL

10' LONG 3.5' TALL

15' LONG 5' TALL

19' LONG 5' TALL

138' LONG 5' TALL

6' LONG 2' TALL

127' LONG 7' TALL

7' LONG 2.5' TALL

402' LONG 3' TALL

BALLENTINE ASSOCIATES, P.A.
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Ballentine Associates, P.A. CORPORATE SEAL C328 NORTH CAROLINA Chapel Hill

NORTH CAROLINA PROFESSIONAL SEAL 040147 ENGINEER GREGORY J. RHETHAMEL

DATE	REVISIONS	NUM
15 NOV 19	PER LAYOUT REVISIONS AND TOCH REVIEW COMMENTS	1
04 FEB 20	PER TOWN OF CHAPEL HILL COMMENTS	2

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CHAPEL HILL, NC 27514
OWNERS REPRESENTATIVE:
JENNIFER PLAYER
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EMAIL jplayer@orangehabitat.org

DATE	ISSUED
27 JUN 19	CONDITIONAL ZONING SUBMITTAL #1
15 NOV 19	CONDITIONAL ZONING SUBMITTAL #2
04 FEB 20	CONDITIONAL ZONING SUBMITTAL #3

WEAVERS GROVE
CHAPEL HILL, NORTH CAROLINA

CONDITIONAL ZONING DOCUMENTS

NC GRID NAD 83

GRADING/DRAINAGE AND EROSION CONTROL OVERVIEW

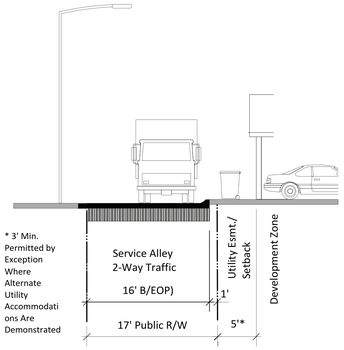
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(GRAPHIC SCALE IN FEET)
1 inch = 50 ft.

REVIEW DRAWING NOT FOR CONSTRUCTION

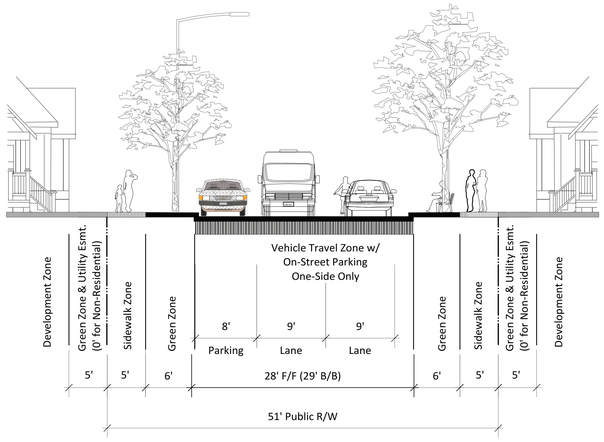
JOB #: 118016.00
DATE: 27 JUN 19
SCALE: AS NOTED
DRAWN BY: T.L.P.
REVIEWED BY: G.J.R.

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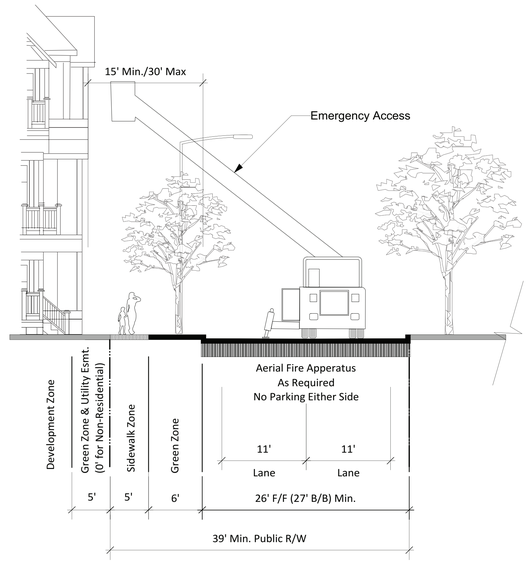
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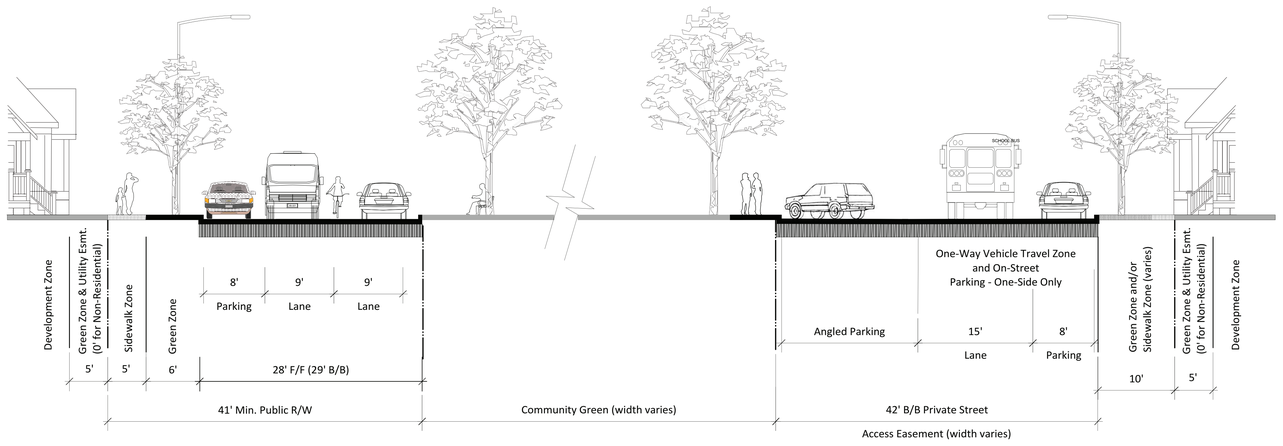
1 Public Alley
1/8" = 1'-0"



2 Neighborhood Street 2-Way w/ Parking One-Side
1/8" = 1'-0"



3A Neighborhood Street Fire Access - Aerial Access - No Parking Allowed
1/8" = 1'-0"



3B Section Thru Community Green - No Aerial Access
1/8" = 1'-0"

SCOTT MURRAY
LAND PLANNING, INC.
Landscape Architecture | Environmental Design | Project Management

Project:

WEAVERS GROVE

CHAPEL HILL, NORTH CAROLINA

PIN Rerference:
9890060413, 9890063350, 9890065926, 9890066312, 9890160437

Developer:

Habitat for Humanity
of Orange County, NC
88 Vilcom Center Drive | Suite L110
Chapel Hill, NC 27514
Office: (919) 932-7077 x215

Sheet Title:

Typical Road and Alley Sections

Counditional Use Zoning Plans

No.	Date:	Issue Notes:

Design Firm:
Scott Murray Land Planning, Inc.
274 Botetourt Ct. Boydton, VA 23917
252-213-9501 434-689-2925 (fax)
www. stmlandplan.com
smurray@stmlandplan.com

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Scale: As Shown
Date: Feb. 4, 2020
Drawn & Checked By: STM
Surveyed.:

C3200
of

TREE COVERAGE CALCULATIONS

Site Area - (INCL 50% of Ginger Rd. R.O.W.)	1,559,973	sf
Less Easements	120,010	sf
Net Site Area Less Easements	1,439,963	sf
Required Tree Coverage (Multi-family)	431,989	sf
Required Tree Coverage %	30.0%	
Preserved Tree Canopy Coverage Proposed	270,273	sf
Buffer Revegetation Areas	56,109	sf
Replacement Tree Canopy	342,297	sf
Total Canopy Coverage at Maturity	668,679	sf
Canopy Coverage at Maturity (nic Easements)	46.4%	
Ginger Road - Natural Succession Area Not Included In Calculations		

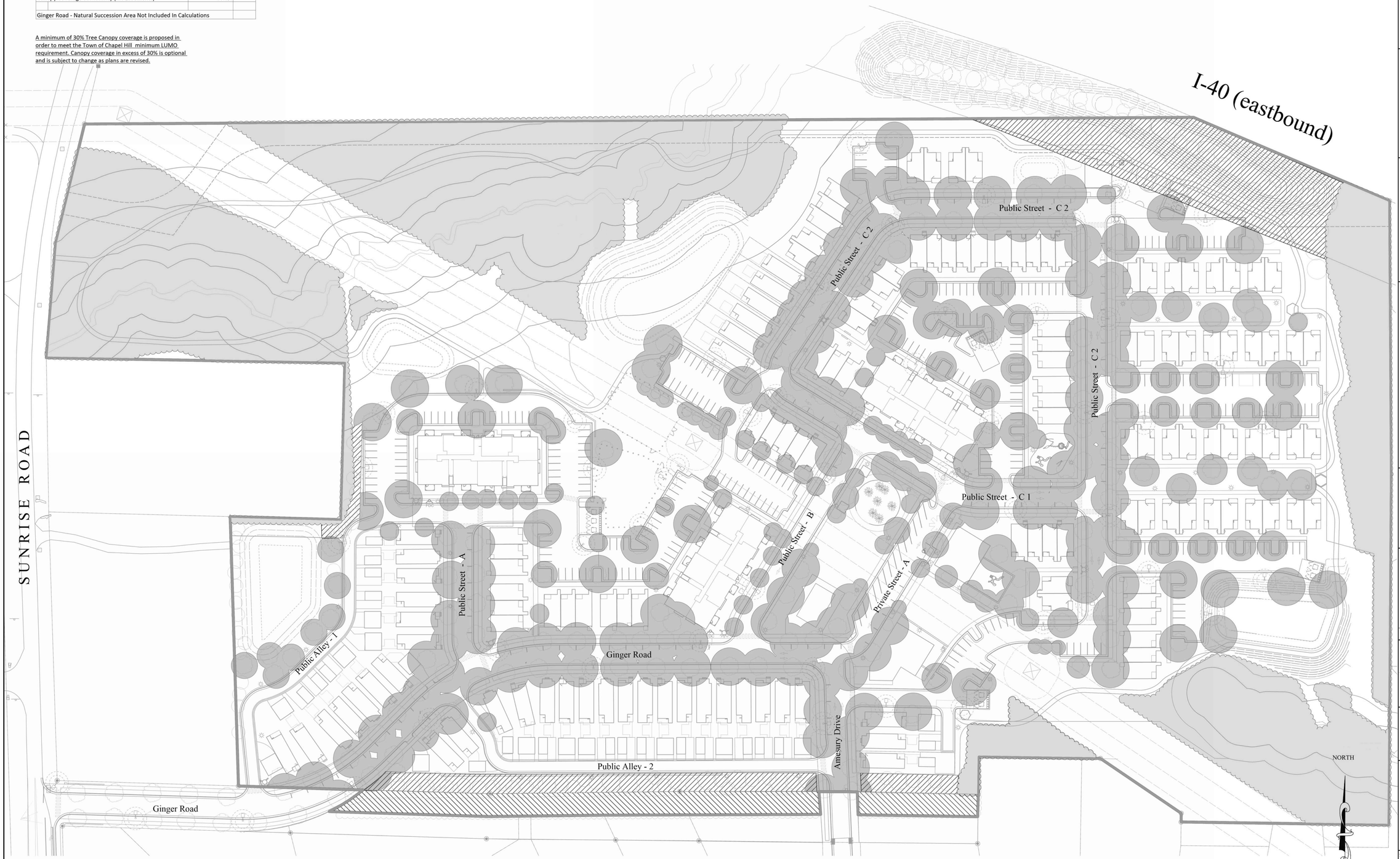
A minimum of 30% Tree Canopy coverage is proposed in order to meet the Town of Chapel Hill minimum LUMO requirement. Canopy coverage in excess of 30% is optional and is subject to change as plans are revised.

Legend

- Tree Canopy Preserved
- Tree Canopy Plantings at Maturity
- Buffer Revegetation
- Ginger R.O.W. Abandoned Natural Sucession of Vegetation Proposed

Legend

- Duke Energy 25' Roadway Light
- Duke Energy 12' Pole Light
- FDC - fire Department Connection
- FH - Fire Hydrant



SCOTT MURRAY LAND PLANNING, INC.
Landscape Architecture | Environmental Design | Project Management

Project:

WEAVERS GROVE

CHAPEL HILL, NORTH CAROLINA

PIN Rerference:
9890060413, 9890063350, 9890065926, 9890066312, 9890160437

Developer:

Habitat for Humanity® Orange County, NC
88 Vilcom Center Drive | Suite L110
Chapel Hill, NC 27514
Office: (919) 932-7077 x215

Sheet Title:

Tree Canopy Coverage Plan

Counditional Use Zoning Plans

Surveying/Civil Engineering:

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221 PROVIDENCE ROAD CHAPEL HILL, N.C. 27514
(919) 929-0481 www.bapa.eng.pro

No.	Date:	Issue Notes:

Design Firm:

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www. stmlandplan.com
smurray@stmlandplan.com

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Scale: 1" = 50'-0"
Date: Mar.2, 2020
Drawn & Checked By: STM
Surveyed.:

L1002
of

Town of Chapel Hill Design and Engineering Manual

Required Buffer Plantings per 100 LF

Table 6.1 - Plants per 100 Linear Feet

Buffer Type	Minimum Width	Location	Large Trees	Small Trees	Shrubs
"A"	15	External	2	4	6
		Internal	2	4	6
"B"	15	External	6	8	15
	10	Internal	4	7	12
"C"	20	External	5	10	36
		Internal	4	8	30
"D"	30	External	6	12	40
		Internal	5	10	30
"E"	100	External	10	15	70

General Notes

1. A detailed tree survey of all buffer areas where required trees are to be preserved will be provided with ZCP plans. Deficiencies in existing canopy vegetation over that required by the TCH LUMO for Type'A' Buffers (reference table above) will be provided.

Legend

- Existing RCD - 50' Stream Buffer +50' Managed Zone & 50' Upland Zone
- Clearing and Grading Proposed As Shown for Stormwater Management Revegetation per Code
- I-40 Buffer - Constructed Berm and Buffer 'Type-E' Tree Plantings Proposed
- Proposed Buffer - See Buffer Schedule for Proposed Plantings
- Ginger Road Abandonment - Natural Succession Proposed
- Specimen Trees To Be Preserved
- Existing Tree Canopy To Be Preserved

Buffer Schedule Proposed

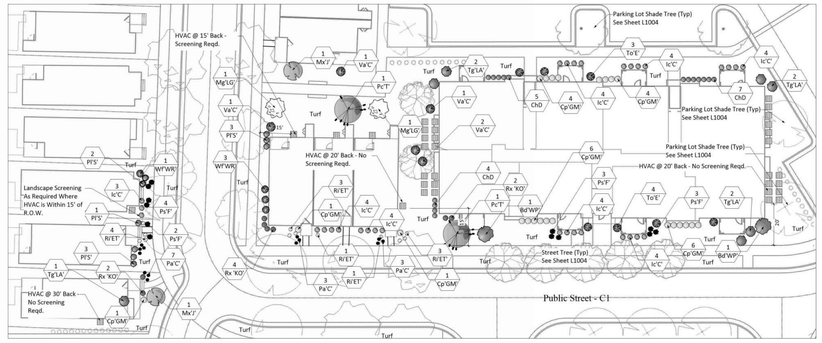
Buffer Segment	Adjacent Zoning/Land Use	Buffer Required	Buffer and/or Setback Proposed	Buffer Existing Condition	Plantings and/or Berm Proposed
South-A	R-1/Single-family	None	85' Including Ginger Rd. Abandoned R.O.W.	Wooded - Mixed	Type 'A' Shrub Plantings
South-B	R-1/Single-family	None	Varies 25' - 50'	Wooded - Mixed	None
South-C	R-1/Single-family	None	Varies 50' - 85'	Clear w/ Duke Esmt.	Type 'B' Shrub Plantings
South-D	R-1/Single-family	None	85'	Duke Esmt. Clear + RCD Wooded	None
East-A	R-1/Single-family	None	85'	Wooded - Mixed	None
East-B	R-1/Single-family	None	22'	Wooded - Mixed	Type 'B' Tree Plantings
East-C	R-2/Single-family	None	85'	Wooded - Mixed	None
North-A	Interstate-40	Type 'E'	100' (75' at Basketball Court & Greenway)	Wooded - Mixed Canopy	Berm + Type 'E' Tree Plantings
North-B	R-2/Vacant	None to Type 'E'	85' - 0' Varies	Wooded-Mixed RCD	Berm + Type 'E' Tree Plantings
North-C	R-2/Vacant	None	RCD Preserved	Wooded-Mixed RCD	None
West-A	R-2/Vacant	None	None	N/A	None
West-B	R-2/Single-family	None	15'-25' Varies	Wooded-Mixed	Shrubs and/or Grasses Subject to BMP Restrictions
West-C	R-2/Single-family	Type-B if Multi-Family	RCD Preserved	Wooded-Mixed	None
West-D	R-2/Single-family	None	RCD Preserved	Wooded-Mixed	None
West-E	R-2/Single-family	None	RCD Preserved	Wooded-Mixed	None

General Notes

1. All Buffer Plantings Shall Consist of Native, Non-Invasive Sepcies (i.e. Pines, Oaks, Magnolia, Wax Myrtle, American Holly, etc.)
2. Where Type 'E' TREE Plantings are Proposed Along With A Berm, A Minimum of 10 Large Trees (80% Evergreen) + 15 Small Trees Will Be Planted. No Shrub Plantings Will Be Required. Additional Plantings Will Be at the Discretion of the Developer.
3. Disturbance Within Areas of RCD and Identified As Buffers Limited to Clearing & Grading for Berm Construction/Revegetation, Critical Utility Connections, Stormwater Management and Underbrush Thinning Essential for the Construction of the Natural Walking Trail.

TYPICAL UNIT PLANTINGS

ID	Common Name	Botanical Name	Plant List Qty	Scheduled Size	Remarks & Spacing
Trees					
Pc'T'	Thundercloud Purple Leaf Plum	Prunus cerasifera 'Thundercloud'	4	7'-8'	
Mg'LG'	Dwarf Southern Magnolia	Magnolia grandiflora 'Little Gem'	4	6'-7'	
Mx'J'	Jane Magnolia	Magnolia x 'Jane'	4	6'-7'	
Shrubs					
Bd'WP'	White Profusion Butterfly Bush	Buddleia davidii 'White Profusion'	2	3' HT.	
Cp'GM'	Golden Mops Falsecypress	Chamaecyparis pisifera 'Golden Mo	23	7 GAL	5' O.C.
ChD	Japanese Plum Yew	Cephalotaxus harringtonia var. dru	16	3 GAL	3.5' O.C.
To'E'	Emerald Green Arborvitae	Thuja occidentalis 'Emerald'	7	6' HT.	
Ic'C'	Carissa Holly	Ilex cornuta 'Carissa'	31	5 GAL	3.5' O.C.
Rx 'KO'	Knock Out Rose (Radrazz)	Rosa x 'Knock Out' (R)	8	5 GAL	3' O.C.
Va'C'	Chindo Viburnum	Viburnum awabuki 'Chindo'	5	5' HT.	8' O.C.
WF'WR'	Wine & Roses Weigela	Weigela florida 'Wine & Roses'	4	24" HT.	4' O.C.
Pl'S'	Schipka Cherry Laurel	Prunus laurocerasus 'Schipkaensis'	9	24" HT.	3.5' O.C.
Ri'ET'	Eleanor Tabor India Hawthorn	Raphiolepis indica 'Eleanor Tabor'	12	3 GAL	3' O.C.
Ic'S'	Steeds Holly	Ilex crenata 'Steeds'	7	30" HT.	3.5' O.C.
Tg'LA'	LeAnn Japanese Cleyera	Ternstroemia gymnanthera 'LeAnn'	7	30" HT	5' O.C.
Ornamental Grasses					
Ps'F'	Fireworks Dwarf Red Fountain Grass	Pennisetum setaceum 'Fireworks' F	12	3 GAL	2' O.C.
Pa'C'	Dwarf Fountain Grass	Pennisetum alopecuroides 'Cassian	13	3 GAL	2' O.C.



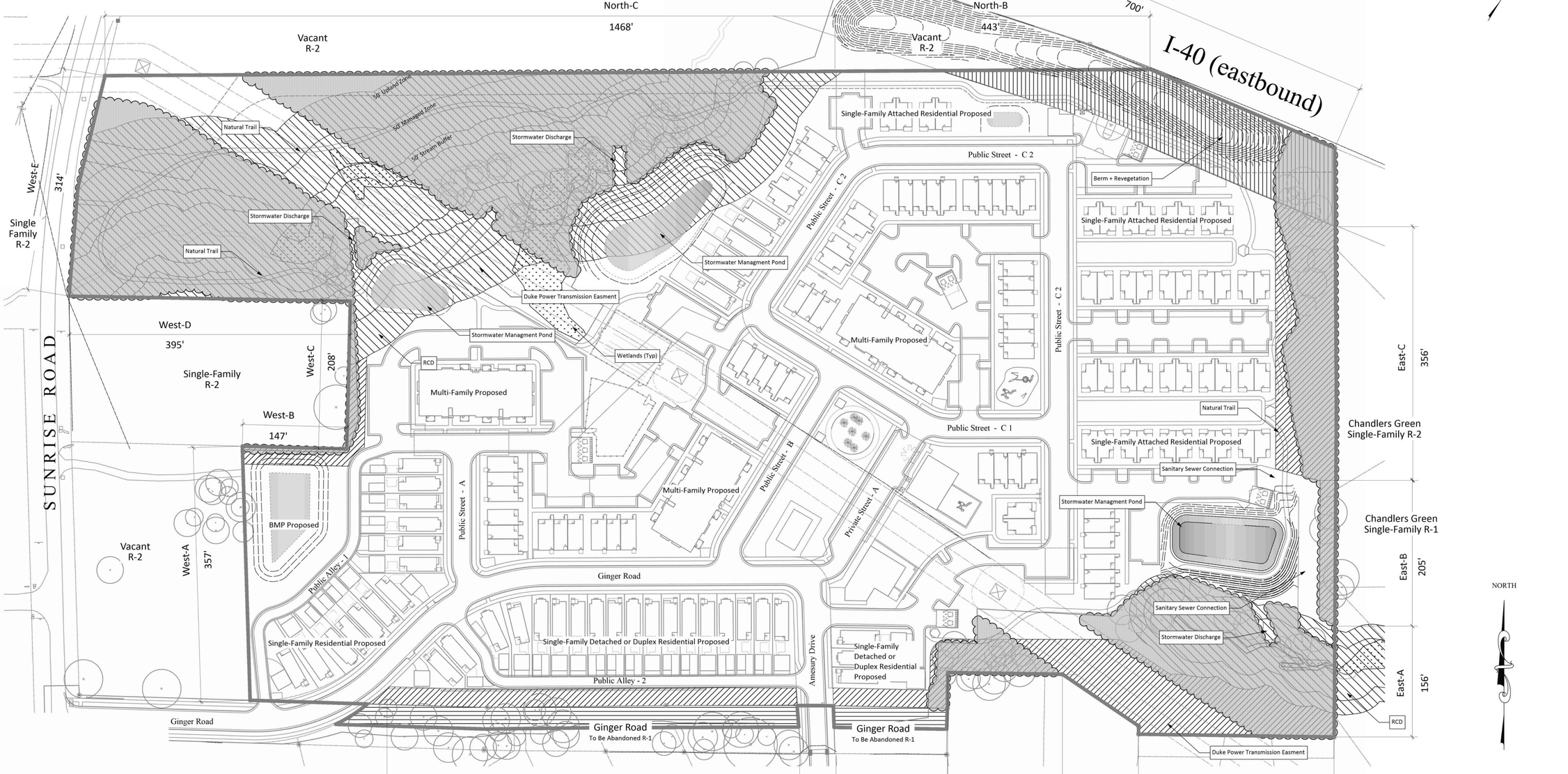
Unit Planting Notes

1. Detailed Planting Plans For Each Unit Group Will Be Submitted At Building Permit Application.
2. HVAC Outside Units Located 20' or More From the Public R/W Are Not Proposed To Be Screened

1 TYPICAL UNIT PLANTING
1"=30'-0"

0 30 60 90 FT

NORTH



SCOTT MURRAY LAND PLANNING, INC.
Landscape Architecture | Environmental Design | Project Management

Project:

WEAVERS GROVE

CHAPEL HILL, NORTH CAROLINA

PIN Rerference:
9890060413, 9890063350, 9890065926, 9890066312, 9890160437

Developer:

Habitat for Humanity® Orange County, NC
88 Vilcom Center Drive | Suite L110
Chapel Hill, NC 27514
Office: (919) 932-7077 x215

Sheet Title:

Buffers Plan & Typical Unit Planting

Counditional Use Zoning Plans

Surveying/Civil Engineering:
BALLENTINE ASSOCIATES, P.A.
221 PROVIDENCE ROAD CHAPEL HILL, N.C. 27514
(919) 929-0481 www.bapa.eng.pro

No.	Date:	Issue Notes:

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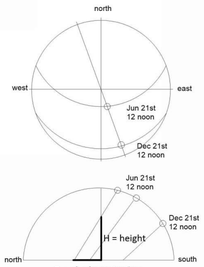
Scale: 1" = 60'-0"
Date: Mar.2, 2020
Drawn & Checked By: STM
Surveyed.:

L1003

of

Solar Tracking Chart

Solar Track for 36 Deg Latitude / 78 Deg Longitude



P = shade projection
(65% of H)

Tree Shade Projection

Large Canopy Tree:
Ht. = 50 ft.
Shade Proj. = 32 ft.

Medium Tree:
Ht. = 35 ft.
Shade Proj. = 23 ft.

Small Tree:
Ht. = 25 ft.
Shade Proj. = 16 ft.

Duke Energy Transmission Species
Ht. = 15 ft. (Max.)
Shade Proj. = 10 ft.

Legend

- Shade Cast by Trees and/or Building Canopy
- Parking Lot Area
- Duke Energy 25' Roadway Light
- Duke Energy 12' Pole Light
- FDC - fire Department Connection
- FH - Fire Hydrant
- 75' Canpy Tree Radius - Proximity to Pkg. Space

STREET TREE CALCULATIONS

Total Length of R/W	3483	lf
Multipier for Two Sides	2	
Total Frontage	6966	lf
Required Street Trees @ 50' O.C. Avg.	139	trees
Total Street Trees Provided (Min.)	139	trees

A minimum quantity of the 'Required Street Trees' is proposed in order to meet the Town of Chapel Hill minimum LUMO requirement. Strees planted in excess of 35% is optional and is subject to change as plans are revised.

* Calculations for actual shading are based on the following with shading angle projected at noon on June 21st.
Large Trees - 50' canopy dia.
Medium Trees - 40' dia.
Small Trees - 25' dia.
Duke Energy Permitted Species - 15' dia.

Total Parking Lot Suface Area = 141,246 sf / 2,000 sf/shade tree = 71 trees min. Required (See Parking Lot Planting List)

Parking Lot Shading Overall is provided for Informational Purposes Only.
Minimum 75' Parking Space Proximity to Canopy Trees is to be Provided EXCEPT for 15 +/- Spaces Within Parking Area-3 Where Duke Energy Transmission Easment Planting Restrictions or OWASA Easement Does Not Allow for Required Canopy Tree Planting.

PARKING LOT SHADING CALCULATIONS

Area	Pkg-1	Pkg-2	Pkg-3	Pkg-4	Pkg-5	Pkg-6	Pkg-7	Pkg-8	Pkg-9	Total Surface Area (sf)
Parking Lot Surface Area (sf)	9,210	37,492	14,932	27,275	3,501	11,427	13,834	13,652	9,923	141,246
Shading Provided (sf) *	3,284	13,304	3,549	12,938	2,529	4,076	5,230	6,942	2,835	54,687
Shading Provided (%) *	35.7%	35.5%	23.8%	47.4%	72.2%	35.7%	37.8%	50.8%	28.6%	38.7%

STREET TREE PLANT LIST

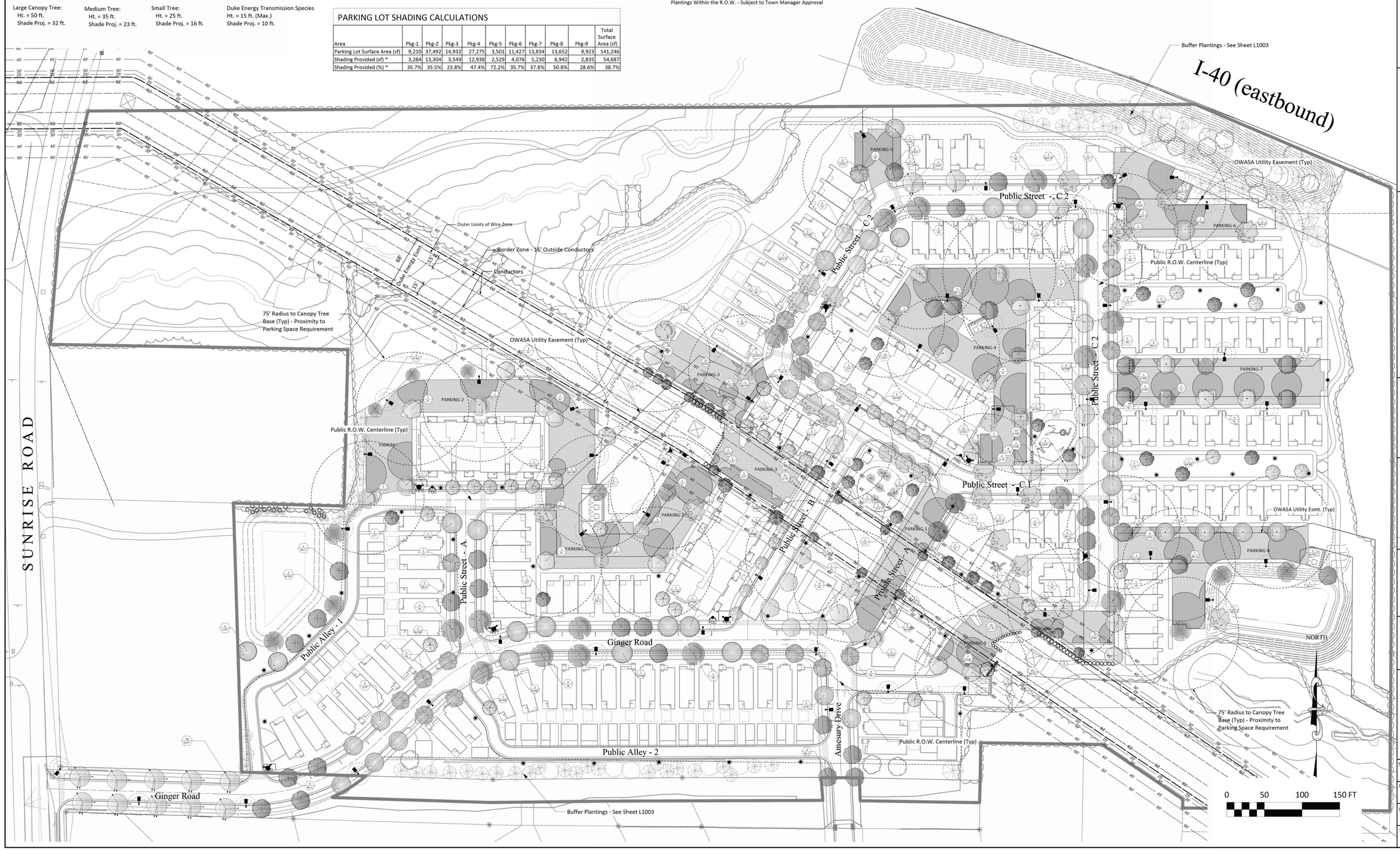
ID	Common Name	Botanical Name	Qty	Scheduled Size	Remarks & Spacing
Trees			142		142
Gb	Autumn Gold Maidenhair Tree	Ginkgo biloba 'Autumn Gold'	18	2" CAL.	Space As Shown and 15' Min to Streetlights
Pc	Chinese pistachio	Pistacia chinensis	11	2" CAL.	Space As Shown and 15' Min to Streetlights
Gt'SM'	Shade Master Honeylocust	Gleditsia triacanthos inermis 'Shademaster'	18	2" CAL.	Space As Shown and 15' Min to Streetlights
Ql	Overcup Oak	Quercus lyrata	17	2" CAL.	Space As Shown and 15' Min to Streetlights
Ua'P'	Princeton Elm	Ulmus americana 'Princeton'	17	2" CAL.	Space As Shown and 15' Min to Streetlights
Aa'AB'	Autumn Brilliance Serviceberry	Amelanchier x grandiflora'Autumn Brilliance	16	2" CAL.	Space As Shown and 10' Min to Streetlights
Ls'R'	Round-Lobed Sweetgum	Liquidambar styraciflua 'Rotundiloba'	9	2" CAL.	Space As Shown and 15' Min to Streetlights
Up'E-II'	Allee Chinese Elm	Ulmus parviflora 'Elmer II'	10	2" CAL.	Space As Shown and 15' Min to Streetlights
Zs'GV'	Green Vase Zelkova (R)	Zelkova serrata 'Green Vase'	4	2" CAL.	Space As Shown and 15' Min to Streetlights
Ns-2	Tupelo	Nyssa sylvatica	19	2" CAL.	Space As Shown and 15' Min to Streetlights
Li'C'	Catawba Crapemyrtle	Lagerstroemia indica 'Catawba'	2	2" CAL.	Single-Stem Specimen

PARKING LOT PLANT LIST

ID	Common Name	Botanical Name	Qty	Scheduled Size	Remarks & Spacing
Trees					
Gt'S'	Skyline Honeylocust	Gleditsia triacanthos inermis 'Skyline'	4	2" CAL.	Space As Shown and 15' Min to Streetlights
Ns-2	Tupelo	Nyssa sylvatica	20	2" CAL.	Space As Shown and 15' Min to Streetlights
Gt'SM'	Shade Master Honeylocust	Gleditsia triacanthos inermis 'Shademaster'	2	2" CAL.	Space As Shown and 15' Min to Streetlights
Up'E-II'	Allee Chinese Elm	Ulmus parviflora 'Elmer II'	12	2" CAL.	Space As Shown and 15' Min to Streetlights
Cc	American Hornbeam, Ironwood	Carpinus caroliniana	16	2" CAL.	Space As Shown and 10' Min. to Streetlights
Pc	Chinese pistachio	Pistacia chinensis	38	2" CAL.	Space As Shown and 15' Min to Streetlights
Zs'GV'	Green Vase Zelkova (R)	Zelkova serrata 'Green Vase'	22	2" CAL.	Space As Shown and 15' Min to Streetlights
Aa'AB'	Autumn Brilliance Serviceberry	Amelanchier x grandiflora'Autumn Brilliance'	33	2" CAL.	Space As Shown and 10' Min to Streetlights
Ar'RS'	Red Sunset Red Maple	Acer rubrum 'Red Sunset'	12	2" CAL.	Space As Shown and 15' Min to Streetlights
Ls'R'	Round-Lobed Sweetgum	Liquidambar styraciflua 'Rotundiloba'	10	2" CAL.	Space As Shown and 15' Min to Streetlights
Gb	Autumn Gold Maidenhair Tree	Ginkgo biloba 'Autumn Gold'	2	2" CAL.	Space As Shown and 15' Min to Streetlights
Li'C'	Catawba Crapemyrtle	Lagerstroemia indica 'Catawba'	28	2" CAL	Single-Stem Specimen
Shrubs					
Lc 'R'	Ruby Loropetalum	Loropetalum chinense ; 'Ruby'	60	24" HT.	3' O.C.
Ic'DB'	Dwarf Burford Holly	Ilex cornuta 'Burfordii Nana'	37	24" HT.	3.5' O.C.
D'EH'	'Emerald Heights' Distylium	Distylium Emerald Heights	56	24" HT.	3.5' O.C.
Pl'S'	Schipka Cherry Laurel	Prunus laurocerasus 'Schipkaensis'	13	24" HT.	3.5' O.C.
D'BC'	Drought, wet soil	Distylium Blue Cascade® ('PIIDIST-II') PP 24,4	5	24"Ht.	3.5' O.C.
Tg'LA'	LeAnn Japanese Cleyera	Ternstroemia gymnanthera 'LeAnn'	35	30" HT.	5' O.C.

General Notes

1. Street Tree And Parking Lot Shading Tree Species And Varieties May Be Interchanged As Needed To Accommodate Sourcing Logistics Subject To The Approval Of The Project Landscape Architect.
2. Medium Canopy Trees May Be Substituted for Large Canopy Trees As Needed To Accommodate Utility and Low Clearance Issues So Long As the Minimum Parking Lot Shading Calculations Represented Herein Are Maintained.
3. The Trees Represented On This Plan Are Shown For Purposes Of Satisfying Street Tree and Parking Lot Shading Requirements. Additional Trees and Other Non-Invasive Landscape Material Will Be Planted For Individual Units And For Aesthetic Purposes. Reference Typical unit Landscaping Sheet L1003.
4. Parking Lot Screening As Seen From The Public R/W Is Proposed As Shown. Representative Plant Species Are Included Where Screening Is To Be Provided.
5. Street Trees May Be Located Within 10' of The Outside of the Public R.O.W. in Isloated Situations Where Utility Conflicts Prohibit Plantings Within the R.O.W. - Subject to Town Manager Approval



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Developer:

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Sheet Title:

Tree Planting & Parking Lot Shading & Screening Plan

Counditional Use Zoning Plans

Surveying/Civil Engineering:

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Date: Mar.2, 2020
Drawn & Checked By: STM
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L1004
of

APPENDIX D

FIRE APPARATUS ACCESS ROADS

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance.

SECTION D101 GENERAL

D101.1 Scope. Fire apparatus access roads shall be in accordance with this appendix and all other applicable requirements of the International Fire Code.

SECTION D102 REQUIRED ACCESS

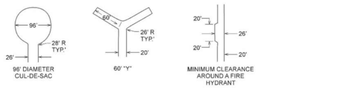
D102.1 Access and loading. Facilities, buildings or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an approved fire apparatus access road with an asphalt, concrete or other approved driving surface capable of supporting the imposed load of fire apparatus weighing at least 75,000 pounds (34 050 kg).

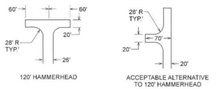
SECTION D103 MINIMUM SPECIFICATIONS

D103.1 Access road width with a hydrant. Where a fire hydrant is located on a fire apparatus access road, the minimum road width shall be 26 feet (7925 mm), exclusive of shoulders (see Figure D103.1).

D103.2 Grade. Fire apparatus access roads shall not exceed 10 percent in grade.

Exception: Grades steeper than 10 percent as approved by the fire chief.





For SI: 1 foot = 304.8 mm.

FIGURE D103.1
DEAD-END FIRE APPARATUS ACCESS ROAD TURNAROUND

D103.3 Turning radius. The minimum turning radius shall be determined by the fire code official.

D103.4 Dead ends. Dead-end fire apparatus access roads in excess of 150 feet (45 720 mm) shall be provided with width and turnaround provisions in accordance with Table D103.4.

TABLE D103.4
REQUIREMENTS FOR DEAD-END FIRE APPARATUS ACCESS ROADS

LENGTH (feet)	WIDTH (feet)	TURNAROUNDS REQUIRED
0–150	20	None required
151–500	20	120-foot Hammerhead, 60-foot "Y" or 96-foot-diameter cul-de-sac in accordance with Figure D103.1
501–750	26	120-foot Hammerhead, 60-foot "Y" or 96-foot-diameter cul-de-sac in accordance with Figure D103.1
Over 750	Special approval required	

For SI: 1 foot = 304.8 mm.

D103.5 Fire apparatus access road gates. Gates securing the fire apparatus access roads shall comply with all of the following criteria:

1. The minimum gate width shall be 20 feet (6096 mm).
2. Gates shall be of the swinging or sliding type.
3. Construction of gates shall be of materials that allow manual operation by one person.
4. Gate components shall be maintained in an operative condition at all times and replaced or repaired when defective.
5. Electric gates shall be equipped with a means of opening the gate by fire department personnel for emergency access. Emergency opening devices shall be approved by the fire code official.
6. Manual opening gates shall not be locked with a padlock or chain and padlock unless they are capable of being opened by means of forcible entry tools or when a key box containing the key(s) to the lock is installed at the gate location.
7. Locking device specifications shall be submitted for approval by the fire code official.
8. Electric gate operators, where provided, shall be listed in accordance with UL 325.
9. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F 2200.

D103.6 Signs. Where required by the fire code official, fire apparatus access roads shall be marked with permanent NO PARKING—FIRE LANE signs complying with Figure D103.6. Signs shall have a minimum dimension of 12 inches (305 mm) wide by 18 inches (457 mm) high and have red letters on a white reflective background. Signs shall be posted on one or both sides of the fire apparatus road as required by Section D103.6.1 or D103.6.2.

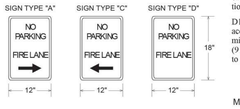


FIGURE D103.6
FIRE LANE SIGNS

D103.6.1 Roads 20 to 26 feet in width. Fire apparatus access roads 20 to 26 feet wide (6096 to 7925 mm) shall be posted on both sides as a fire lane.

D103.6.2 Roads more than 26 feet in width. Fire apparatus access roads more than 26 feet wide (7925 mm) to 32 feet wide (9754 mm) shall be posted on one side of the road as a fire lane.

SECTION D104 COMMERCIAL AND INDUSTRIAL DEVELOPMENTS

D104.1 Buildings exceeding three stories or 30 feet in height. Buildings or facilities exceeding 30 feet (9144 mm) or three stories in height shall have at least two means of fire apparatus access for each structure.

D104.2 Buildings exceeding 62,000 square feet in area. Buildings or facilities having a gross building area of more than 62,000 square feet (5760 m²) shall be provided with two separate and approved fire apparatus access roads.

Exception: Projects having a gross building area of up to 124,000 square feet (11 520 m²) that have a single approved fire apparatus access road when all buildings are equipped throughout with approved automatic sprinkler systems.

D104.3 Remoteness. Where two access roads are required, they shall be placed a distance apart equal to not less than one half of the length of the maximum overall diagonal dimension of the property or area to be served, measured in a straight line between accesses.

SECTION D105 AERIAL FIRE APPARATUS ACCESS ROADS

D105.1 Where required. Buildings or portions of buildings or facilities exceeding 30 feet (9144 mm) in height above the lowest level of fire department vehicle access shall be provided with approved fire apparatus access roads capable of accommodating fire department aerial apparatus. Overhead utility and power lines shall not be located within the aerial fire apparatus access roadway.

D105.2 Width. Aerial fire apparatus access roads shall have a minimum unobstructed width of 26 feet (7925 mm), exclusive of shoulders, in the immediate vicinity of any building or portion of building more than 30 feet (9144 mm) in height.

D105.3 Proximity to building. At least one of the required access routes meeting this condition shall be located within a minimum of 15 feet (4572 mm) and a maximum of 30 feet (9144 mm) from the building, and shall be positioned parallel to one entire side of the building.

SECTION D106 MULTIPLE-FAMILY RESIDENTIAL DEVELOPMENTS

D106.1 Projects having more than 100 dwelling units. Multiple-family residential projects having more than 100 dwelling units shall be equipped throughout with two separate and approved fire apparatus access roads.

Exception: Projects having up to 200 dwelling units may have a single approved fire apparatus access road when all buildings, including nonresidential occupancies, are equipped throughout with approved automatic sprinkler systems installed in accordance with Section 903.3.1.1 or 903.3.1.2.

D106.2 Projects having more than 200 dwelling units. Multiple-family residential projects having more than 200 dwelling units shall be provided with two separate and approved fire apparatus access roads regardless of whether they are equipped with an approved automatic sprinkler system.

SECTION D107 ONE- OR TWO-FAMILY RESIDENTIAL DEVELOPMENTS

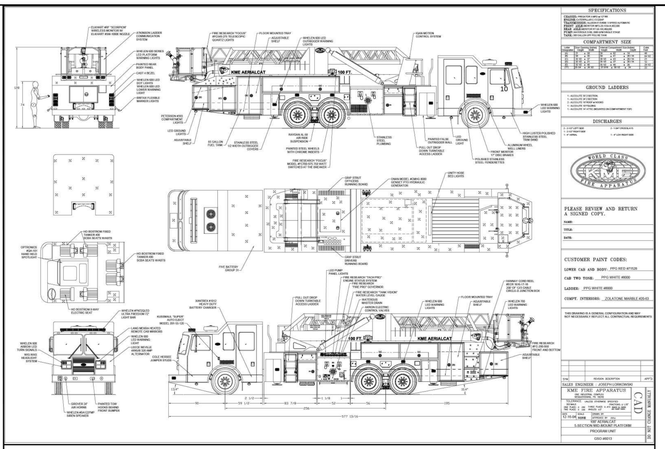
D107.1 One- or two-family dwelling residential developments. Developments of one- or two-family dwellings where the number of dwelling units exceeds 30 shall be provided with separate and approved fire apparatus access roads and shall meet the requirements of Section D104.3.

Exceptions:

1. Where there are more than 30 dwelling units on a single public or private fire apparatus access road and all dwelling units are equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.1.3 of the International Fire Code, access from two directions shall not be required.
2. The number of dwelling units on a single fire apparatus access road shall not be increased unless fire apparatus access roads will connect with future development, as determined by the fire code official.

D108 REFERENCED STANDARDS

ASTM F 2200-05	Standard Specification for Automated Vehicular Gate Construction		D103.5
ICC	IFC-09	International Fire Code	D101.5, D107.1
UL	325-02	Door, Drapery, Gate, Louver, and Window Operators and Systems, with revisions through February 2006	D103.5



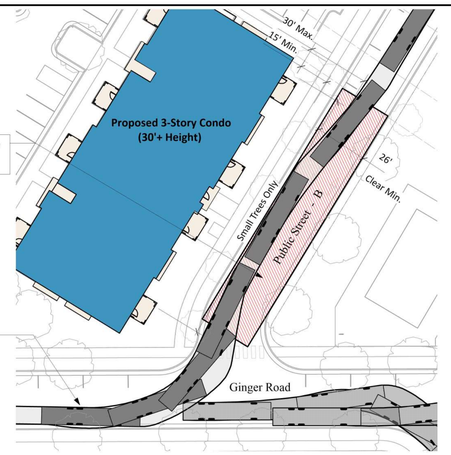
KME 100' Predator Mid=Mount

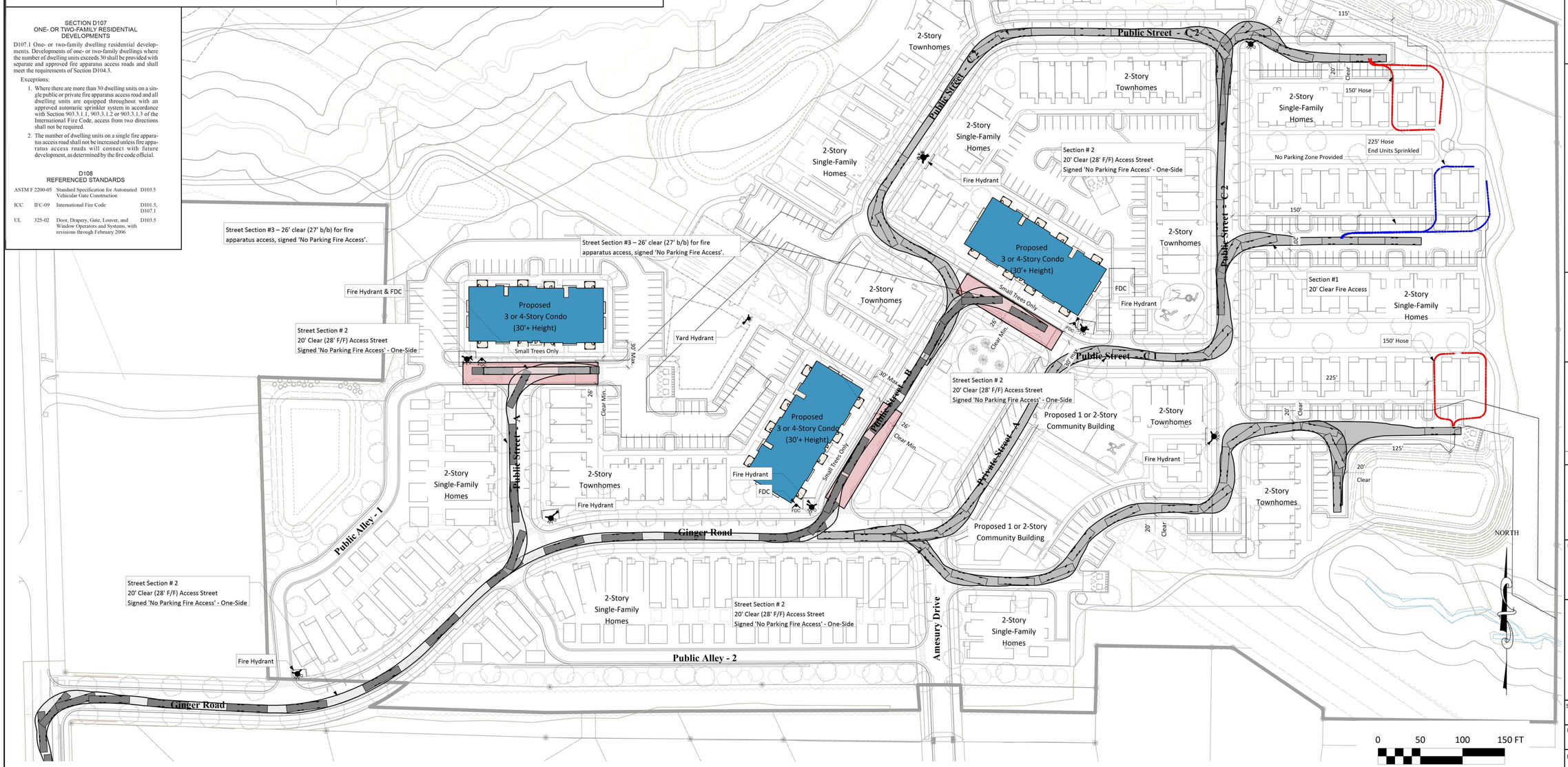
Plan Key and Symbology

Note: Access Route Modeled by Autoturn

Street Section #3 – 26' clear (27' b/b) for fire apparatus access, signed 'No Parking Fire Access'.

Denotes TCH Aerial Apparatus





SCOTT MURRAY LAND PLANNING, INC.
Landscape Architecture | Environmental Design | Project Management

Project:

WEAVERS GROVE

CHAPEL HILL, NORTH CAROLINA

PIN Reference:
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Developer:

Habitat for Humanity® Orange County, NC

88 Vilcom Center Drive | Suite L110
Chapel Hill, NC 27514
Office: (919) 932-7077 x215

Sheet Title:

Emergency Access Plan

Conditional Use Zoning Plans

Note:
All Curb & Gutter Shown Within the Required 'Fire Access Route' Shall Be Designed To Support An Emergency Vehicle Weighing 75,000 Lb.

Surveying/Civil Engineering:

BALLENTINE ASSOCIATES, P.A.
221 PROVIDENCE ROAD CHAPEL HILL, N.C. 27514
(919) 929-0481 www.bapa.eng.pro

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Scale: 1" = 50'-0"

Date: Feb. 4, 2020

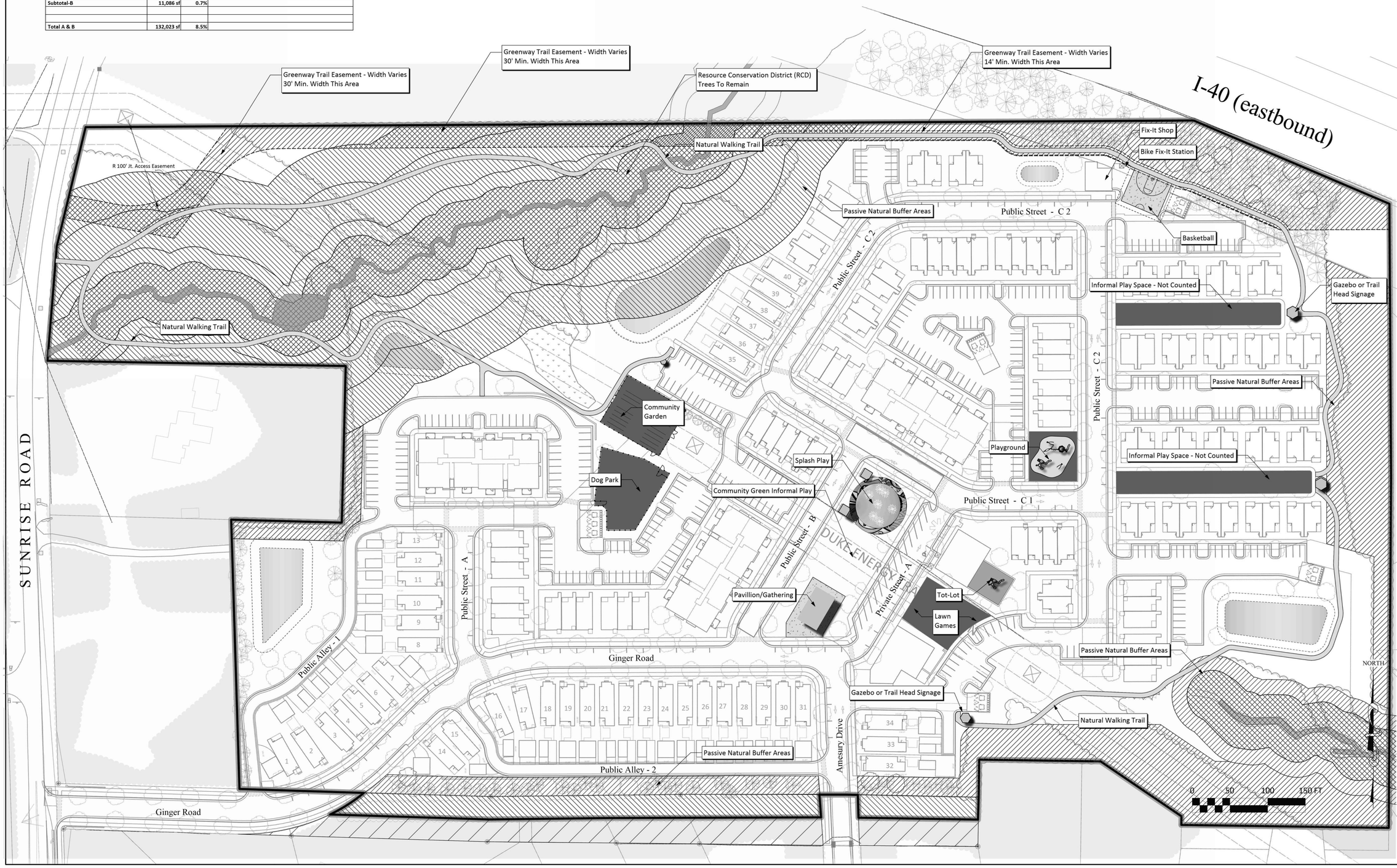
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L1005

of

RECREATION SPACE			
Area ID	Site Area (sf)		
Total Site (INCL 50% or Ginger Rd. R.O.W.)	1,559,973 sf		
Required Recreation Space	77,999 sf	5.00%	.05 x GLA (for MF in R-6)
Recreation Space Provided	**Area sf**	**%**	**Minimum Facilities Provided**
A-Phase-1 Recreation Space			
Greenway Easement	73,463 sf	4.7%	
Trail (6' + 3' Shoulders Each Side)	37,126 sf	2.4%	Natural Surface Trail (1" natural mulch min.) + Traillhead Signage and/or Gazebos in Select Areas Calulation Does Not Include Trail Area Included Within Greenway Easement Noted Above
Basketball (Court + 6' Runoff Area)	3,448 sf	0.2%	NCAA Half-Court + Adjustable Height Goal + Runoff Area + 6' Bench
Dog Park	6,900 sf	0.4%	Fenced Area + (2) 6' Benches + (4) Waste Recpt.
Subtotal-A	**120,937 sf**	**7.8%**	
B-Optional Recreation Amenities (as funding permits)			**Final Facilities To Be Determined with Funding**
Splash Play	*note-1		Splash Pad + Equipment Shed + Unisex Restroom
Community Garden	6,360 sf	0.4%	Fenced: 8' (6' Exposed) T-Post w/30 lb Mono-filiment @ 1' O.C. + Yard Hydrant
Playground	4,210 sf	0.3%	Playground Equipment + Muched Surface + (2) 6' Benches
Tot-Lot	1,876 sf	0.1%	Toddler Age Play Equipment + Mulched Surface
Lawn Games	5,000 sf	0.3%	Grassed Area + Cornhole Boards + Bocce Equipment
Subtotal-B	**11,086 sf**	**0.7%**	
Total A & B	**132,023 sf**	**8.5%**	



SCOTT MURRAY LAND PLANNING, INC.

Landscape Architecture | Environmental Design | Project Management

Project:

WEAVERS GROVE

CHAPEL HILL, NORTH CAROLINA

PIN Rerference:
9890060413, 9890063350, 9890065926, 9890066312, 9890160437

Developer:

Habitat for Humanity® Orange County, NC

88 Vilcom Center Drive | Suite L110
Chapel Hill, NC 27514
Office: (919) 932-7077 x215

Sheet Title:

Recreation and Open Space Plan

Counditional Use Zoning Plans

Surveying/Civil Engineering:

BALLENTINE ASSOCIATES, P.A.
221 PROVIDENCE ROAD CHAPEL HILL, N.C. 27514
(919) 929-0481 www.bapa.eng.pro

No.	Date:	Issue Notes:

Design Firm:

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274 Botetourt Ct. Boydton, VA 23917
252-213-9501 434-689-2925 (fax)
www. stmlandplan.com
smurray@stmlandplan.com

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Scale: 1" = 50'-0"

Date: Mar 2, 2020

Drawn & Checked By: STM

Surveyed.:

L1006

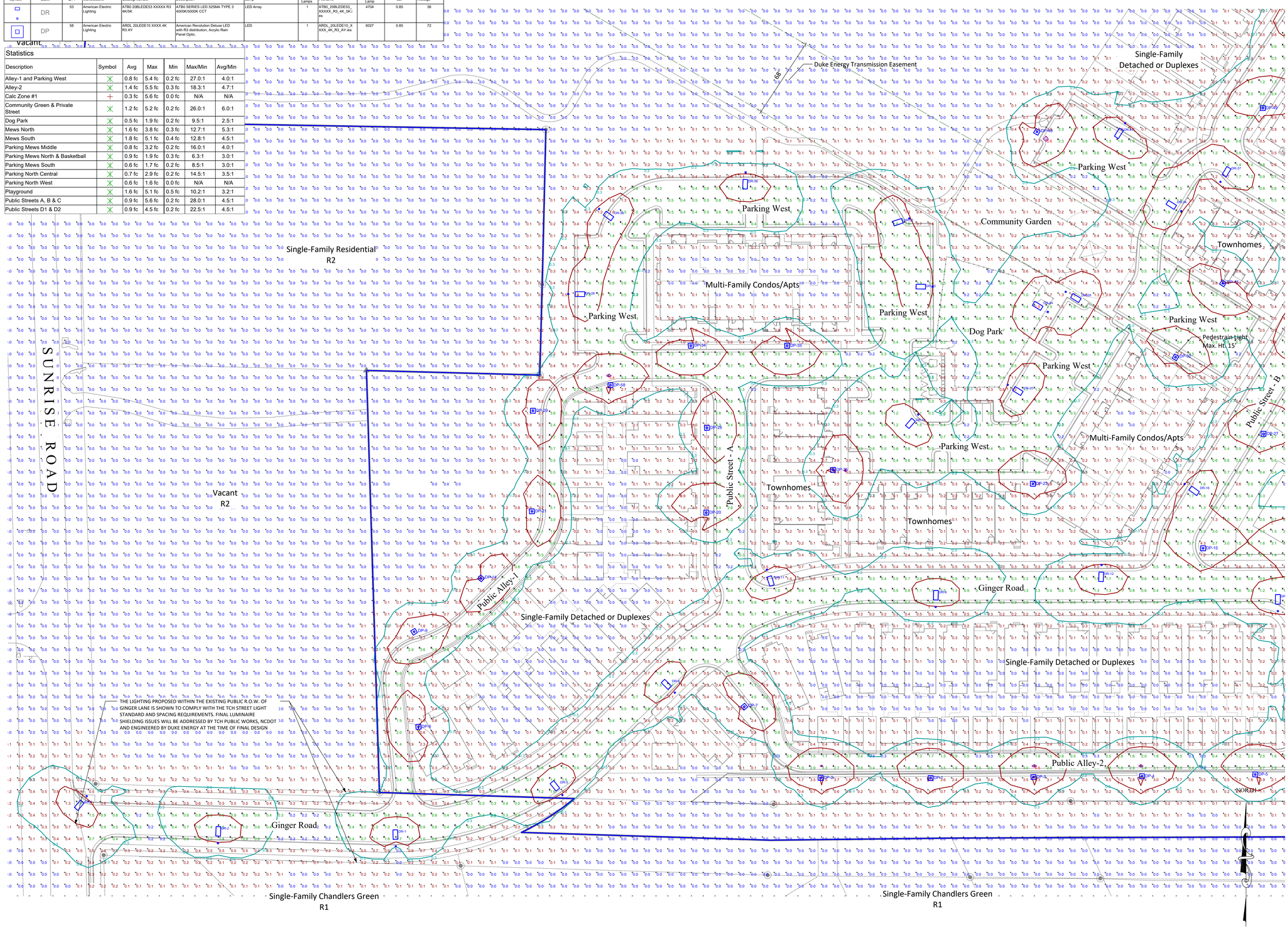
of

Luminaire Schedule

Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens per Lamp	LLF	Wattage
▭	DR	53	American Electric Lighting	AT8SI 20LEDE53 XXXXX R3 4K/5K	AT8SI SERIES LED 525MA TYPE 3 4000K/5000K CCT	LED Array	1	AT8SI_20LEDE53_XXXXX_R3_4K_SKi.ies	4704	0.85	36
▢	DP	58	American Electric Lighting	ARDL 20LEDE10 XXXX 4K R3 AY	American Revolution Deluxe LED with R3 distribution, Acrylic Rain Panel Optic.	LED	1	ARDL_20LEDE10_XXXX_4K_R3_AY.ies	6027	0.85	72

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Alley-1 and Parking West	+	0.8 fc	5.4 fc	0.2 fc	27.0:1	4.0:1
Alley-2	+	1.4 fc	5.5 fc	0.3 fc	18.3:1	4.7:1
Calc Zone #1	+	0.3 fc	5.6 fc	0.0 fc	N/A	N/A
Community Green & Private Street	+	1.2 fc	5.2 fc	0.2 fc	26.0:1	6.0:1
Dog Park	+	0.5 fc	1.9 fc	0.2 fc	9.5:1	2.5:1
Mews North	+	1.6 fc	3.8 fc	0.3 fc	12.7:1	5.3:1
Mews South	+	1.8 fc	5.1 fc	0.4 fc	12.8:1	4.5:1
Parking Mews Middle	+	0.8 fc	3.2 fc	0.2 fc	16.0:1	4.0:1
Parking Mews North & Basketball	+	0.9 fc	1.9 fc	0.3 fc	6.3:1	3.0:1
Parking Mews South	+	0.6 fc	1.7 fc	0.2 fc	8.5:1	3.0:1
Parking North Central	+	0.7 fc	2.9 fc	0.2 fc	14.5:1	3.5:1
Parking North West	+	0.6 fc	1.6 fc	0.0 fc	N/A	N/A
Playground	+	1.6 fc	5.1 fc	0.5 fc	10.2:1	3.2:1
Public Streets A, B & C	+	0.9 fc	5.6 fc	0.2 fc	28.0:1	4.5:1
Public Streets D1 & D2	+	0.9 fc	4.5 fc	0.2 fc	22.5:1	4.5:1



SCOTT MURRAY LAND PLANNING, INC.

Landscape Architecture | Environmental Design | Project Management

Project:

WEAVERS GROVE

CHAPEL HILL, NORTH CAROLINA

PIN Reference:
9890060413, 9890063350, 9890065926, 9890066312, 9890160437

Developer:

Habitat for Humanity® Orange County, NC

88 Vilcom Center Drive | Suite L110
Chapel Hill, NC 27514
Office: (919) 932-7077 x215

Sheet Title:

Lighting Plan West

Counditional Use Zoning Plans

Surveying/Civil Engineering:

BALLENTINE ASSOCIATES, P.A.
221 PROVIDENCE ROAD CHAPEL HILL, N.C. 27514
(919) 929-0481 www.bapa.eng.pro

No.	Date:	Issue Notes:

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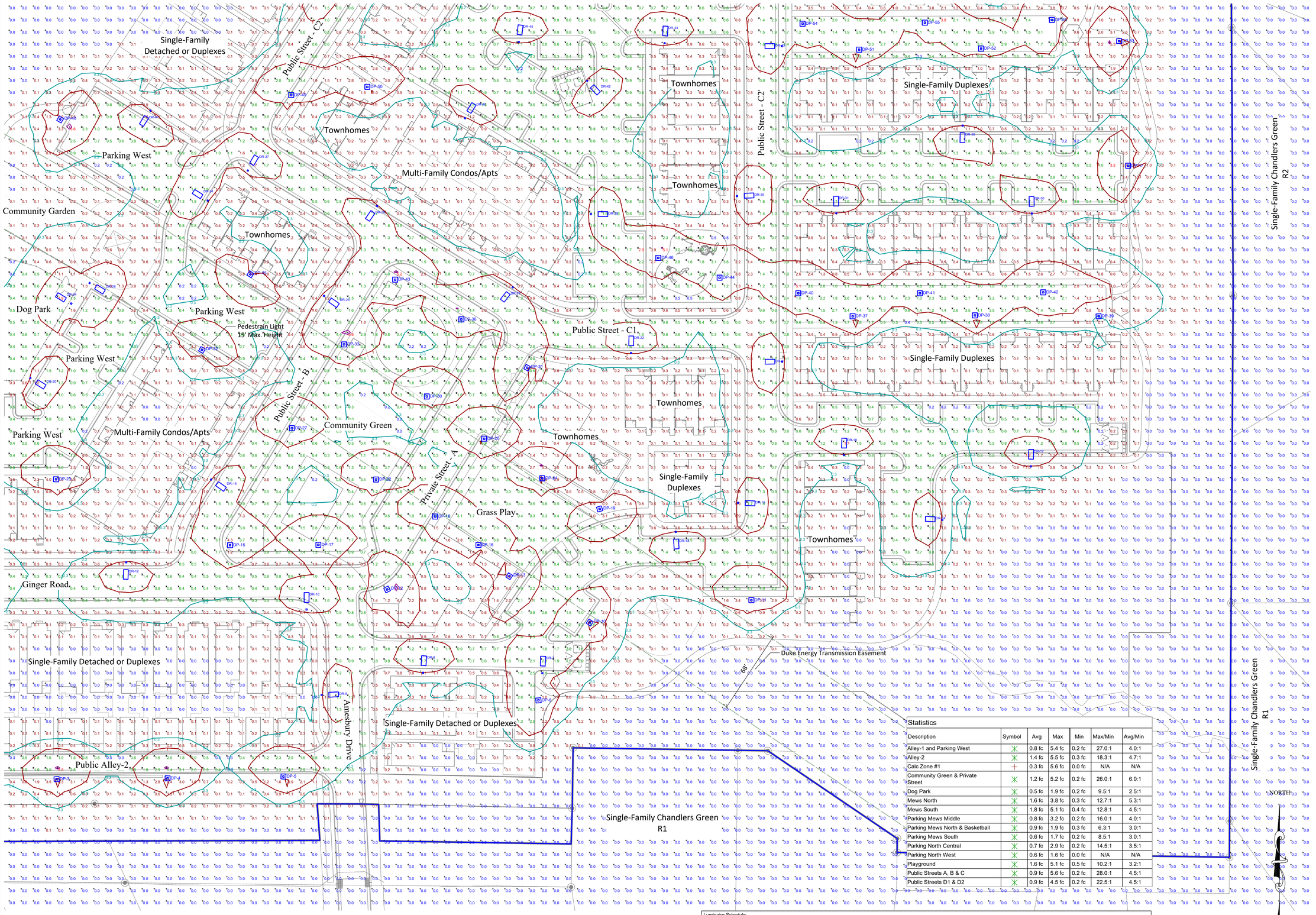
Date: Feb. 4, 2020

Drawn & Checked By: STM

Surveyed.:

L2001

of



Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Alley-1 and Parking West	+	0.8 fc	5.4 fc	0.2 fc	27.0:1	4.0:1
Alley-2	+	1.4 fc	5.5 fc	0.3 fc	18.3:1	4.7:1
Calc Zone #1	+	0.3 fc	5.6 fc	0.0 fc	N/A	N/A
Community Green & Private Street	+	1.2 fc	5.2 fc	0.2 fc	26.0:1	6.0:1
Dog Park	+	0.5 fc	1.9 fc	0.2 fc	9.5:1	2.5:1
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Parking North West	+	0.6 fc	1.6 fc	0.0 fc	N/A	N/A
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Luminaire Schedule

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▢	DP	58	American Electric Lighting	ARDL 20LEDE10 XXXX 4K R3 AY	American Revolution Deluxe LED with R3 distribution; Acrylic Rain Panel Optic.	LED	1	ARDL_20LEDE10_XXXX_4K_R3_AY.ies	6027	0.85	72

SCOTT MURRAY LAND PLANNING, INC.
Landscape Architecture | Environmental Design | Project Management

Project:

WEAVERS GROVE

CHAPEL HILL, NORTH CAROLINA

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Developer:

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Office: (919) 932-7077 x215

Sheet Title:

Lighting Plan East

Counditional Use Zoning Plans

Surveying/Civil Engineering:

BALLENTINE ASSOCIATES, P.A.
221 PROVIDENCE ROAD CHAPEL HILL, N.C. 27514
(919) 929-0481 www.bapa.eng.pro

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Scale: 1" = 50'-0"

Date: Feb. 4, 2020

Drawn & Checked By: STM

Surveyed.:

L2002

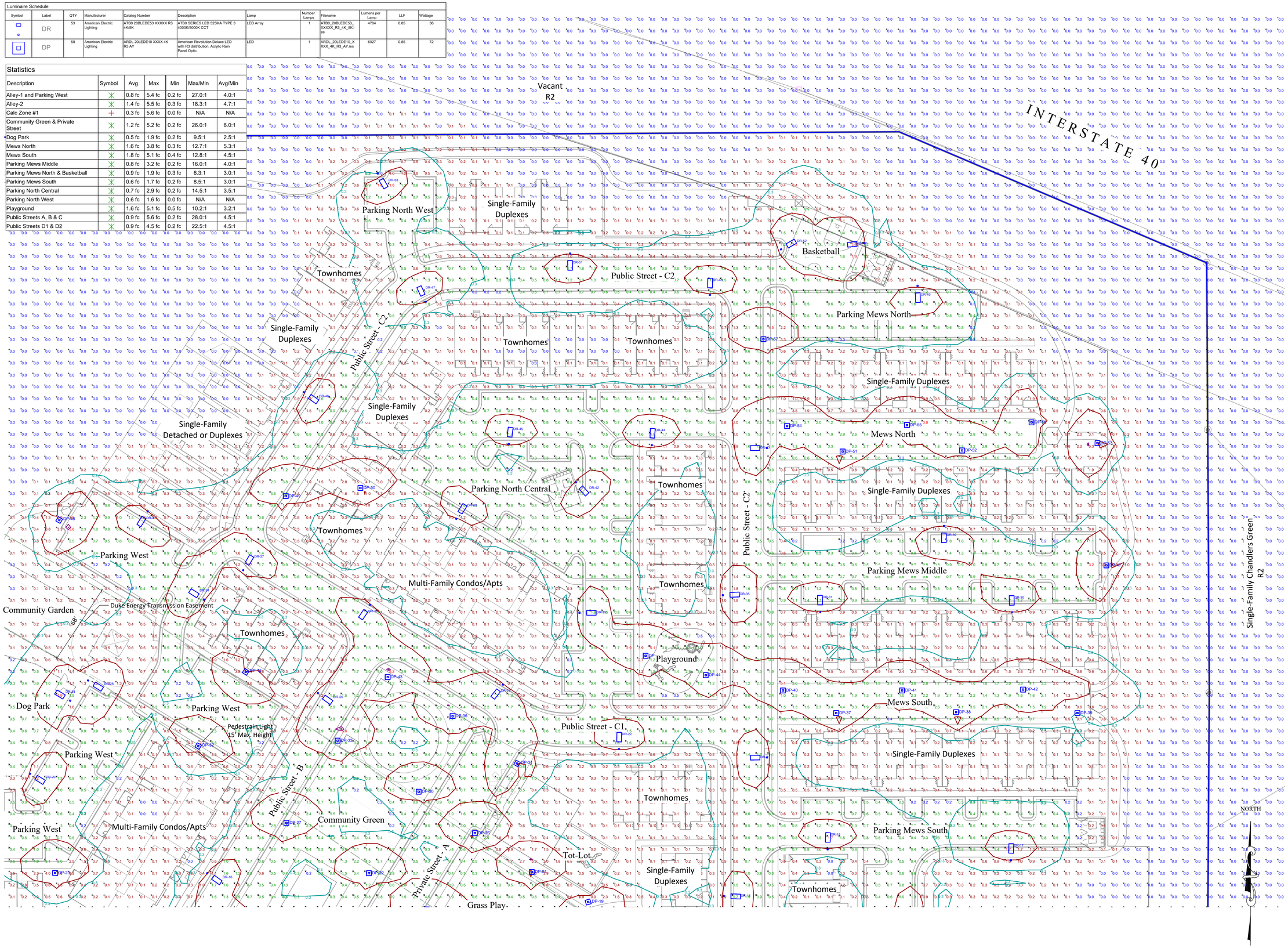
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Luminaire Schedule

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SCOTT MURRAY LAND PLANNING, INC.
Landscape Architecture | Environmental Design | Project Management

Project:

WEAVERS GROVE

CHAPEL HILL, NORTH CAROLINA

PIN Rerference:
9890060413, 9890063350, 9890065926, 9890066312, 9890160437

Developer:

Habitat for Humanity® Orange County, NC
88 Vilcom Center Drive | Suite L110
Chapel Hill, NC 27514
Office: (919) 932-7077 x215

Sheet Title:

Lighting Plan North East

Counditional Use Zoning Plans

Surveying/Civil Engineering:

BALLENTINE ASSOCIATES, P.A.
221 PROVIDENCE ROAD CHAPEL HILL, N.C. 27514
(919) 929–0481 www.bapa.eng.pro

No.	Date:	Issue Notes:

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Scale: 1" = 50'-0"
Date: Feb. 4, 2020
Drawn & Checked By: STM
Surveyed.:

L2003

of

TYPE DR Fixture - MOUNTING HEIGHT - 25'

DUKE ENERGY. PROGRESS

Outdoor Lighting

Neighborhood LED



The Neighborhood LED is an energy-efficient luminaire with a sleek design. This fixture delivers light where it is needed while increasing visibility and reducing spill light to adjoining properties. It is an excellent choice for illuminating streets, pathways and residential communities.

LED *(Light Emitting Diode)*	50 watts
Mounting height	25'
Color	Gray
Poles	Fiberglass Wood
Applications	Neighborhoods Parks Streets

For additional information, visit us at
duke-energy.com/OutdoorLighting
or call us toll free at 866.769.6417.

TYPE DP Fixture - MOUNTING HEIGHT - 12'

DUKE ENERGY. PROGRESS

Outdoor Lighting

Open Traditional LED Style M



Designed to reduce light pollution, the Open Traditional LED fixture provides an energy-efficient installation with curb appeal. This coach light evokes the charm of New England and is an excellent choice for illuminating streetscapes and pedestrian areas.

LED *(Light Emitting Diode)*	50 watts
Mounting heights	12', 13', 16'
Color	Black
Poles	Smooth round concrete Fluted concrete Fiberglass Decorative aluminum

For additional information, visit us at
duke-energy.com/OutdoorLighting
or call us toll free at 866.769.6417.

DUKE ENERGY.

Outdoor Lighting

Neighborhood LED

Light source: LED *(white)*
Wattage: 50
Lumens: 4,480
Light pattern: IESNA Type III *(oval)*
IESNA cutoff classification: Full cutoff
Color temperature: 4,000K



light distribution pattern

Poles available:

Name	*Mounting height*	*Color*
Static cast concrete	25'	Gray
Wood	25'	Standard

Features	Benefits
Little or no installation cost	Frees up capital for other projects
Design services by lighting professionals included	Meets industry standards and lighting ordinances
Maintenance included	Eliminates high and unexpected repair bills
Electricity included	Less expensive than metered service
Warranty included	Worry-free
One low monthly cost on your electric bill	Convenience and savings for you
Turnkey operation	Provides hassle-free installation and service
Backed by over 40 years of experience	A name you can trust today ... and tomorrow

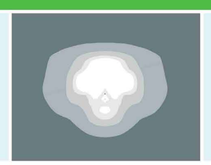
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DUKE ENERGY.

Outdoor Lighting

Traditional LED

Light source: LED *(white)*
Wattage: 50
Lumens: 3,303
Light pattern: IESNA Type III *(oval)*
IESNA cutoff classification: Semi-cutoff
Color temperature: 4,000K
Warm-up and restrike time: Instant on *(no warm-up or restrike time)*



light distribution pattern

Pole available:

Name	*Mounting height*	*Color*
Colonial concrete	12'	Black
Victorian concrete		Black, Gray green
Washington concrete		Black, Gray

Features	Benefits
Little or no installation cost	Frees up capital for other projects
Design services by lighting professionals included	Meets industry standards and lighting ordinances
Maintenance included	Eliminates high and unexpected repair bills
Electricity included	Less expensive than metered service
Warranty included	Worry-free
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Luminaire Schedule

Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens per Lamp	LLF	Wattage
▭ ▫	DR	53	American Electric Lighting	ATBD 20BLEDES3 XXXXX R3 4K/5K	ATBD SERIES LED 525MA TYPE 3 4000K/5000K CCT	LED Array	1	ATBD_20BLEDES3_XXXXX_R3_4K_SKIes	4704	0.85	36
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SCOTT MURRAY LAND PLANNING, INC.

Landscape Architecture | Environmental Design | Project Management

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WEAVERS GROVE

CHAPEL HILL, NORTH CAROLINA

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Sheet Title:

Lighting Details

Counditional Use Zoning Plans

Surveying/Civil Engineering:

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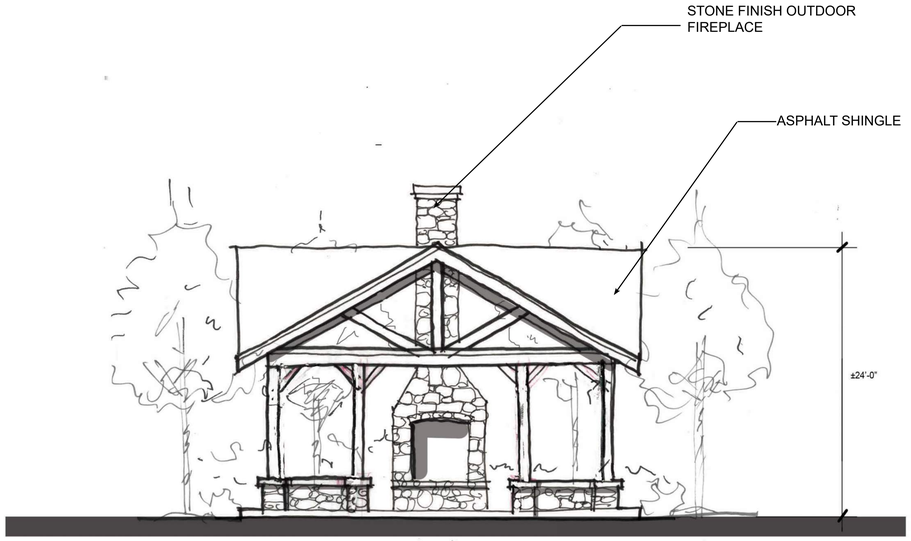
Date: Feb. 4, 2020

Drawn & Checked By: STM

Surveyed.:

L2004

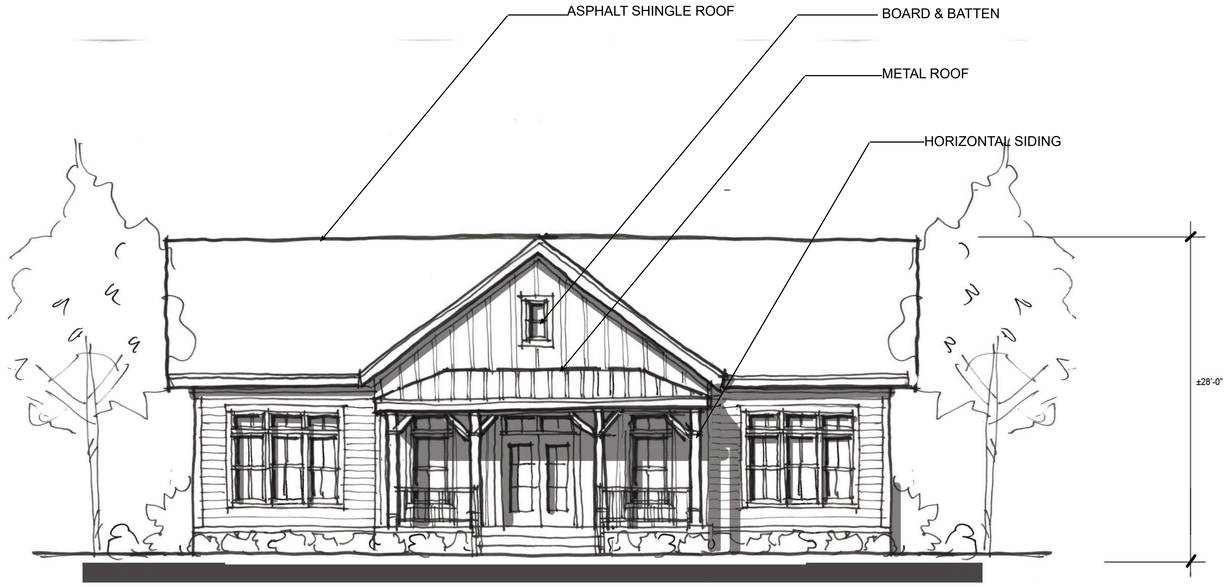
of



PAVILION ELEVATION



VILLAGE CAFE/ STORE ELEVATION



COMMUNITY CENTER ELEVATION

CLINE DESIGN

Habitat for Humanity®

WEAVERS GROVE

Chapel Hill, NC

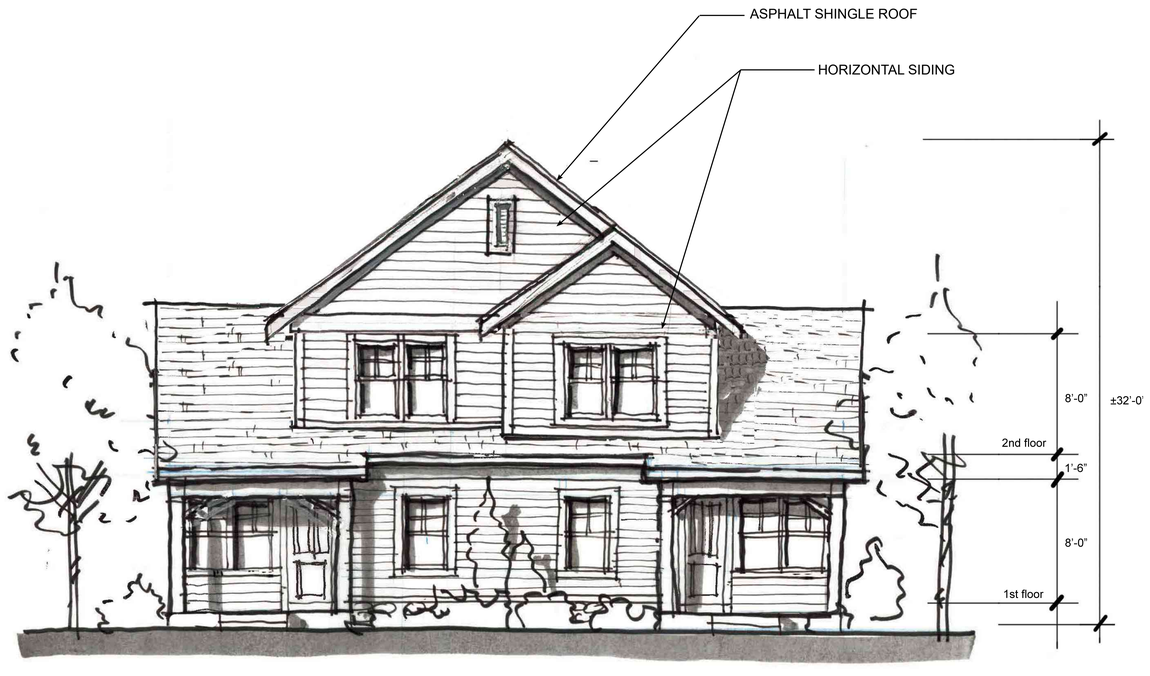
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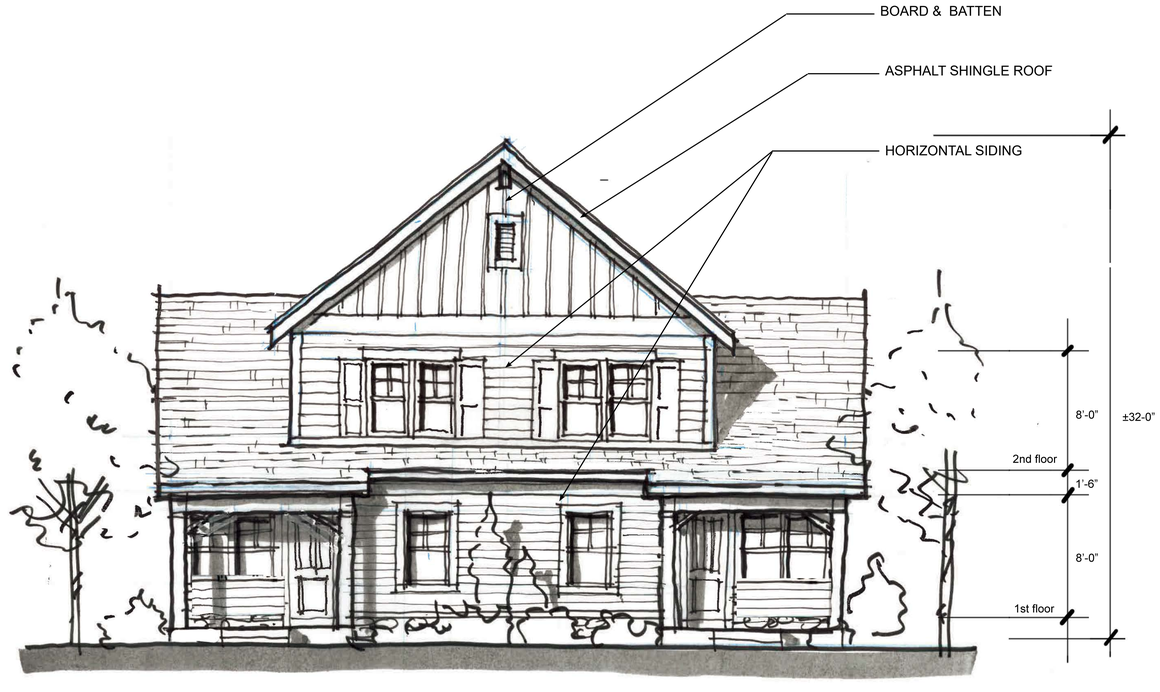
ELEVATIONS- COMMUNITY BUILDINGS

018215 | June 25, 2019

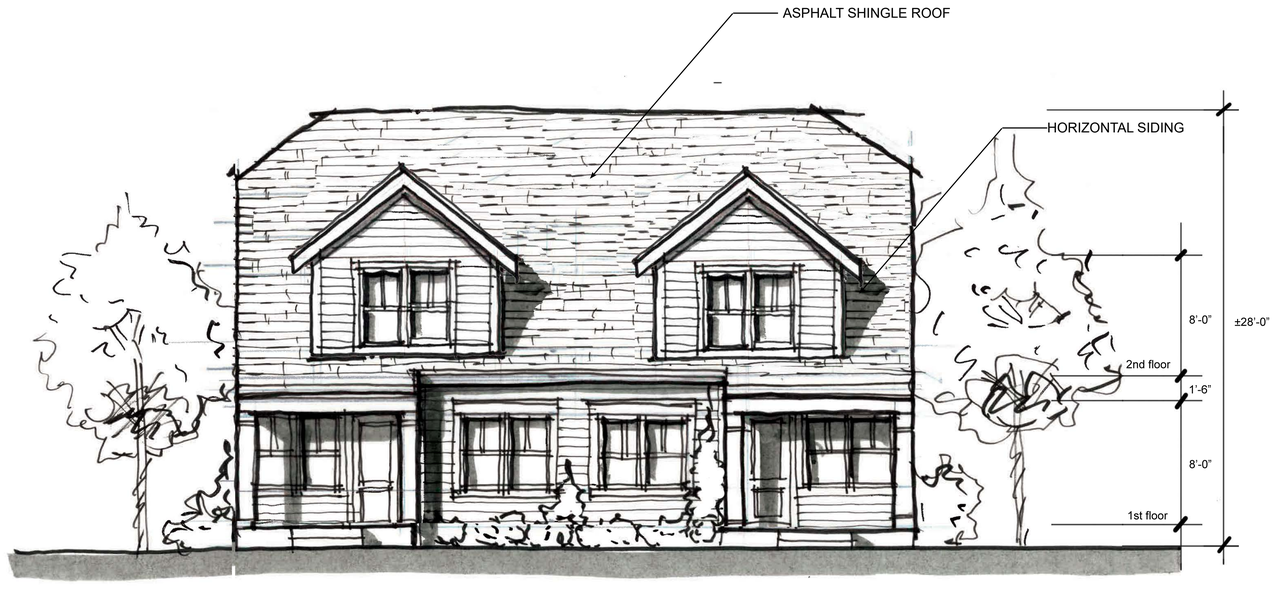
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22’-0” 3 BR/ 4 BR DUPLEX ELEVATION 1



22’-0” 3 BR/ 4 BR DUPLEX ELEVATION 2



22’-0” 3 BR/ 4 BR DUPLEX ELEVATION 3

CLINE DESIGN

Habitat for Humanity®

WEAVERS GROVE

Chapel Hill, NC

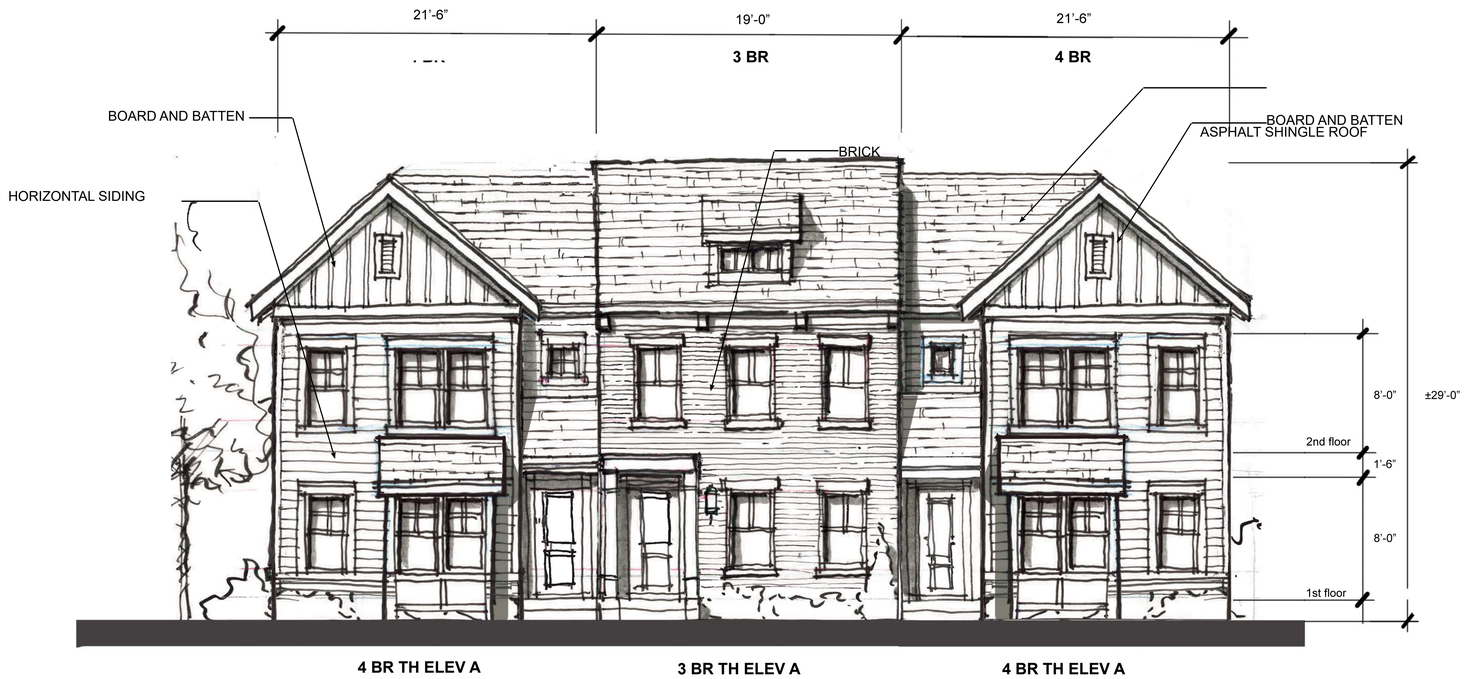
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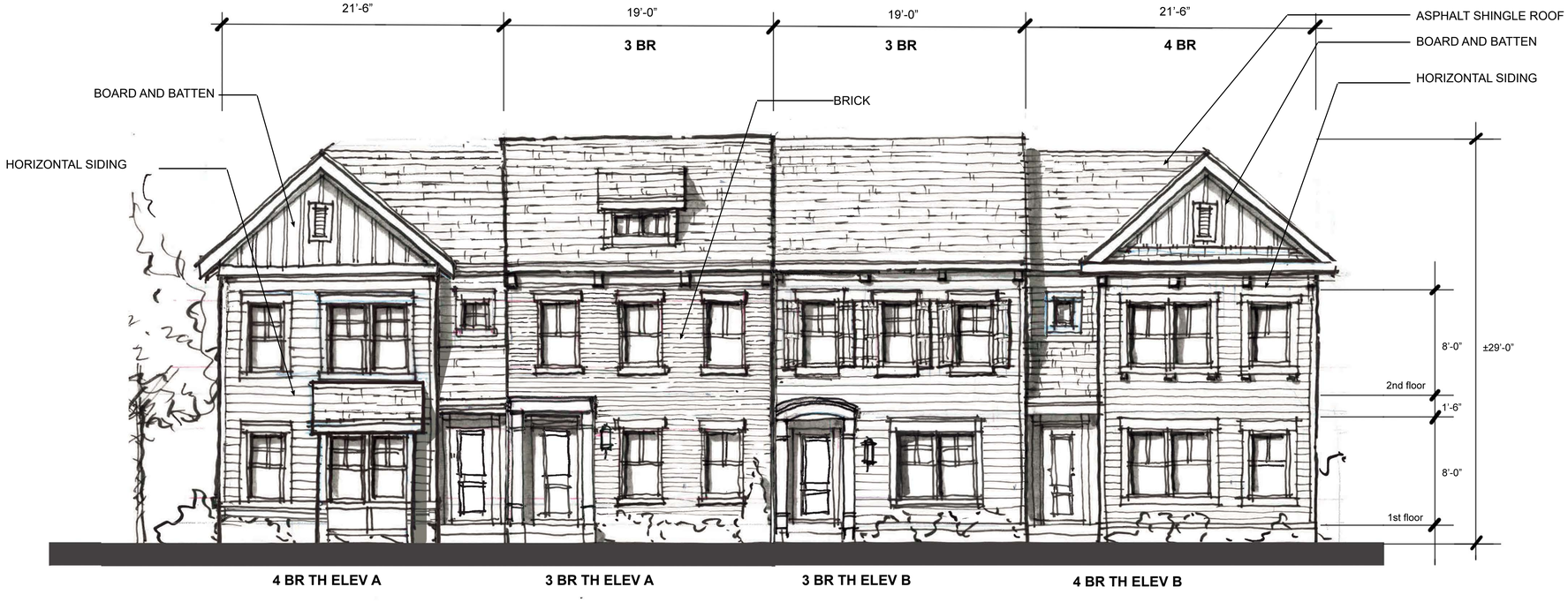
ELEVATIONS- DUPLEX BUILDINGS

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19'-0"- 21-'6" TOWNHOUSE FRONT ELEVATION 1



19'-0"- 21-6" TOWNHOUSE FRONT ELEVATION 2

CLINE DESIGN

Habitat for Humanity®

WEAVERS GROVE

Chapel Hill, NC

4' 2' 0 4' 8'

A.03

ELEVATIONS- TOWNHOUSE BUILDINGS

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4 BR TH ELEV C | 3 BR TH ELEV C | 3 BR TH ELEV A | 3 BR TH ELEV B | 4 BR TH ELEV A

19'-0"- 21'-6" TOWNHOUSE FRONT ELEVATION 3

CLINE DESIGN

Habitat for Humanity®

WEAVERS GROVE

Chapel Hill, NC

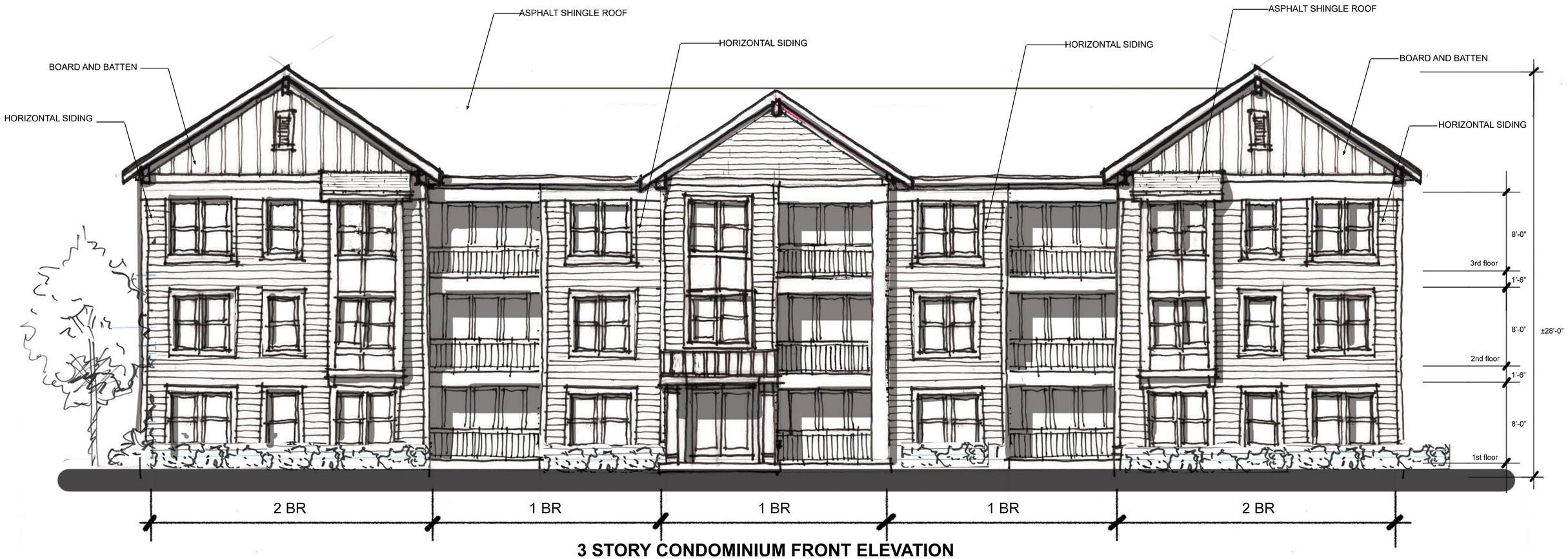
4' 2' 0 4' 8'

A.04

ELEVATIONS- TOWNHOUSE BUILDINGS

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3 STORY CONDOMINIUM FRONT ELEVATION

CLINE DESIGN

Habitat for Humanity®

WEAVERS GROVE

Chapel Hill, NC

4' 2' 0 4' 8'

A.05

ELEVATIONS- CONDOMINIUM BUILDINGS

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