

LEGEND

1. MULTIFAMILY BUILDING
2. AMENITY / LEASE / CLUB
3. POOL COURTYARD
4. 40' X 20' TOWNHOME
5. COVERED PLAZA
6. PASSIVE COURTYARD
7. DOG PARK
8. RELOCATED EXISTING BUILDING- COMMUNITY AMENITY BUILDING
9. COURTYARDS ALONG URBAN STREET EDGE + URBAN LANDSCAPE DESIGN FEATURES (BENCHES + TREES)
10. GATEWAY ELEMENT - BUILDING CORNER
11. RETAINING WALL
12. PEDESTRIAN BRIDGE / BOARDWALK
13. STOOPS ALONG URBAN STREET FRONTAGE, TYP.
14. STREAM + TREE SAVE AREA
15. GATEWAY ELEMENT - MOUNDED LANDSCAPE EDGE AGAINST PARKING AREA W/ OPPORTUNITY FOR SEATING AND MONUMENTAL SIGNAGE
16. GREENWAY ENTRANCE SIGNAGE / CONNECTIVE ELEMENT
17. GATHERING SPACE ACROSS THE STREAM
18. POTENTIAL CONNECTION - EAST / WEST PEDESTRIAN MOVEMENT
19. POTENTIAL CONNECTION - NORTH / SOUTH PEDESTRIAN MOVEMENT
20. HIGH COMPRESSIVE STRENGTH, LOAD BEARING SOIL TURNAROUND

***DISCLAIMER**
CONCEPT IS FOR ILLUSTRATIVE PURPOSES AND SUBJECT TO CHANGE AT FINAL PLAN

ZOM - OLD CHAPEL HILL ROAD CHAPEL HILL, NC • CONCEPT PLAN

PN 1024206 | 04.01.2025

ZOM LIVING · dwell design studio · McADAMS · LandDesign.



1 ARCHITECTURAL SITE PLAN
1" = 50'-0"

SITE PLAN LEGEND

- PROPERTY LINE
- RIGHT OF WAY
- SETBACK/BUFFER
- STREAM SETBACK
- PROPOSED TENANT ARRIVAL
- LEASING TOUR
- GREENWAY

LEASING TOUR

1. BLDG 2 LEASING AND AMENITIES
2. BLDG 3 AMENITY AREAS
3. MODEL UNITS ARE #2205 (A4) & 2205 (B5) IN BLDG 2

SITE DATA

SITE AREA:
12.31 ACRES (536,294 SF)

ZONING:
TOWN OF CHAPEL HILL

DENSITY (MAX):
MAXIMUM OF 400 DWELLING UNITS
PROPOSED 384 MULTIFAMILY UNITS AND 16 TOWNHOME UNITS

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CONSULTANT

DEVELOPER

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PROJECT: 2445303

OLD CHAPEL HILL ROAD APARTMENTS

TOWN OF CHAPEL HILL, NC

SUBMISSION

DATE	DESCRIPTION	REV
09/12/25	SCHEMATIC DESIGN SET	
11/21/25	DD PROGRESS SET	
12/19/25	100% DESIGN DEVELOPMENT	

DESIGN SEAL

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SHEET NAME
ARCHITECTURAL SITE PLAN

SHEET NUMBER
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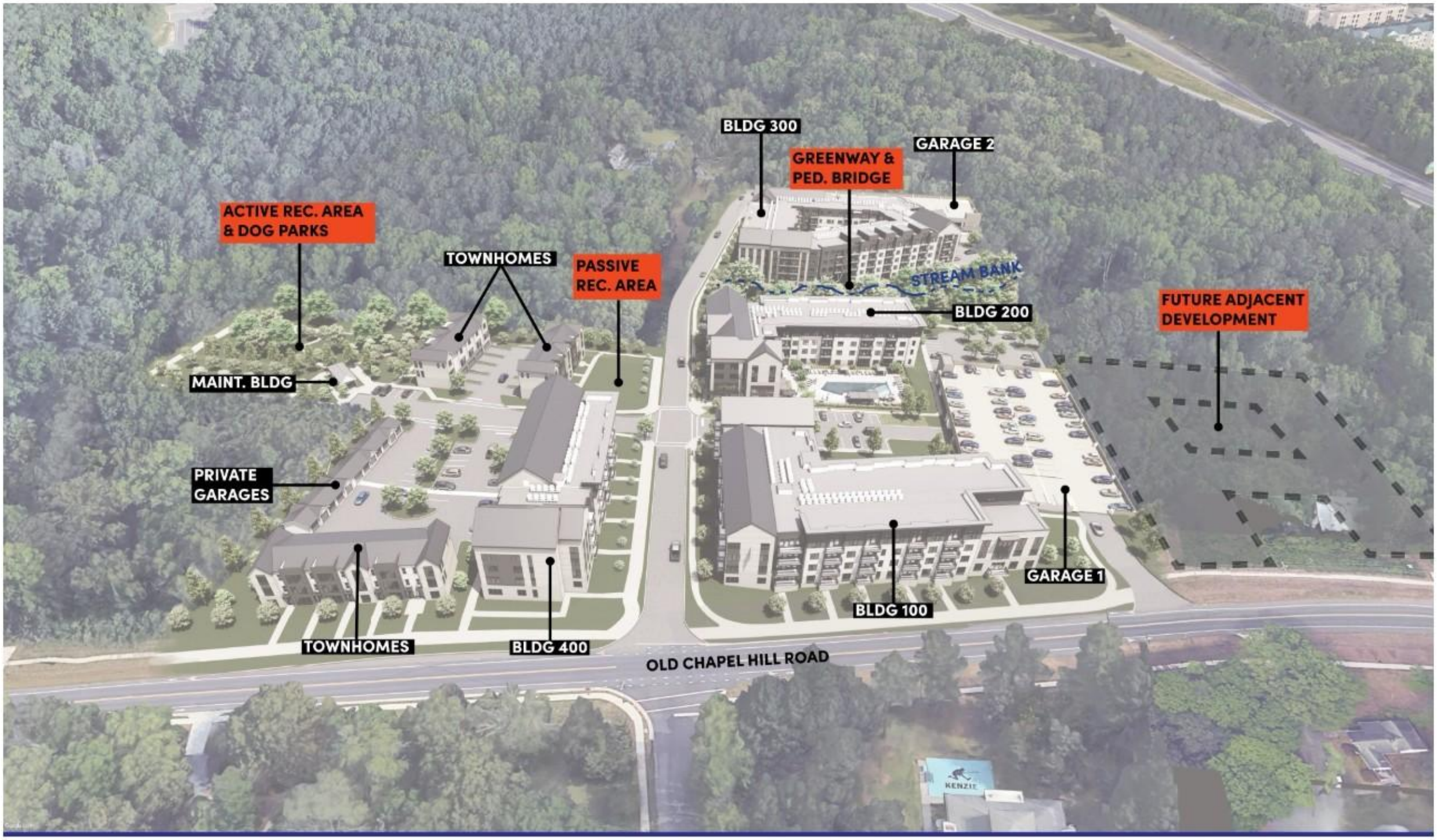
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Site Rendering - Aerial

Old Chapel Hill | Chapel Hill, NC

January 6, 2026

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Site Rendering - Site Context

Old Chapel Hill | Chapel Hill, NC

January 6, 2026

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Building 2 with Amenity







RF 2

ASPHALT SHINGLE ROOF
TAMKO HERITAGE SERIES - "VIRGINIA SLATE"



SF 1, VNL 1, RL 1, MTC 1

ALUMINUM STOREFRONT - BLACK
VINYL WINDOW - BLACK
ALUMINUM PICKET RAILING
ALUMINUM CANOPY



CPL

CEMENTITIOUS PANEL - PREFINISHED
"ANTIQUE SAWN ASH" - CERACLAD



FCBB

BOARD & BATTEN - CEMENTITIOUS PANEL
5/4" X 4" BATTENS
WOODTONE CHROMATELLICS - "MYSTIC ASH"



PS

PVC SOFFIT PANEL
SAGIPER SAGIREV SOFFIT 8" FLAT
"STOCKHOLM OAK"



BR

FULL DEPTH BRICK W/ ROWLOCK AND SOLDIER
CHEROKEE BRICK - VELOUR BLACK MIDNIGHT



FCP 2

FIBER CEMENT PANEL - COLOR 2
PAINT IN FIELD - "IRON ORE" - SW7069



FCL 1 / FCP 1

FIBER CEMENT LAP SIDING / PANEL - COLOR 1
PAINT IN FIELD - "EIDER WHITE" - SW7017

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03/07/26	PRICING SET	

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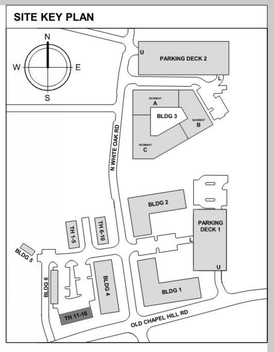
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DIGITAL MATERIAL BOARD

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SW Townhomes



SITE KEY PLAN



2 TOWNHOUSE REAR ELEVATION (6 UNITS)
1/8" = 1'-0"



1 TOWNHOUSE SOUTH ELEVATION - OLD CHAPEL HILL RD
1/8" = 1'-0"

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SHEET NAME
TOWNHOUSE BUILDING ELEVATIONS

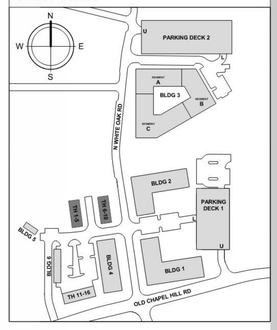
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Center Site Townhomes

SITE KEY PLAN





3 TOWNHOUSE LEFT SIDE ELEVATION (TYPICAL)
1/8" = 1'-0"



2 TOWNHOUSE REAR ELEVATION - ALLEY 'A' (5 UNITS)
1/8" = 1'-0"



4 TOWNHOUSE RIGHT SIDE ELEVATION (TYPICAL)
1/8" = 1'-0"



1 TOWNHOUSE EAST / WEST ELEVATION - N WHITE OAK DR (5 UNITS)
1/8" = 1'-0"

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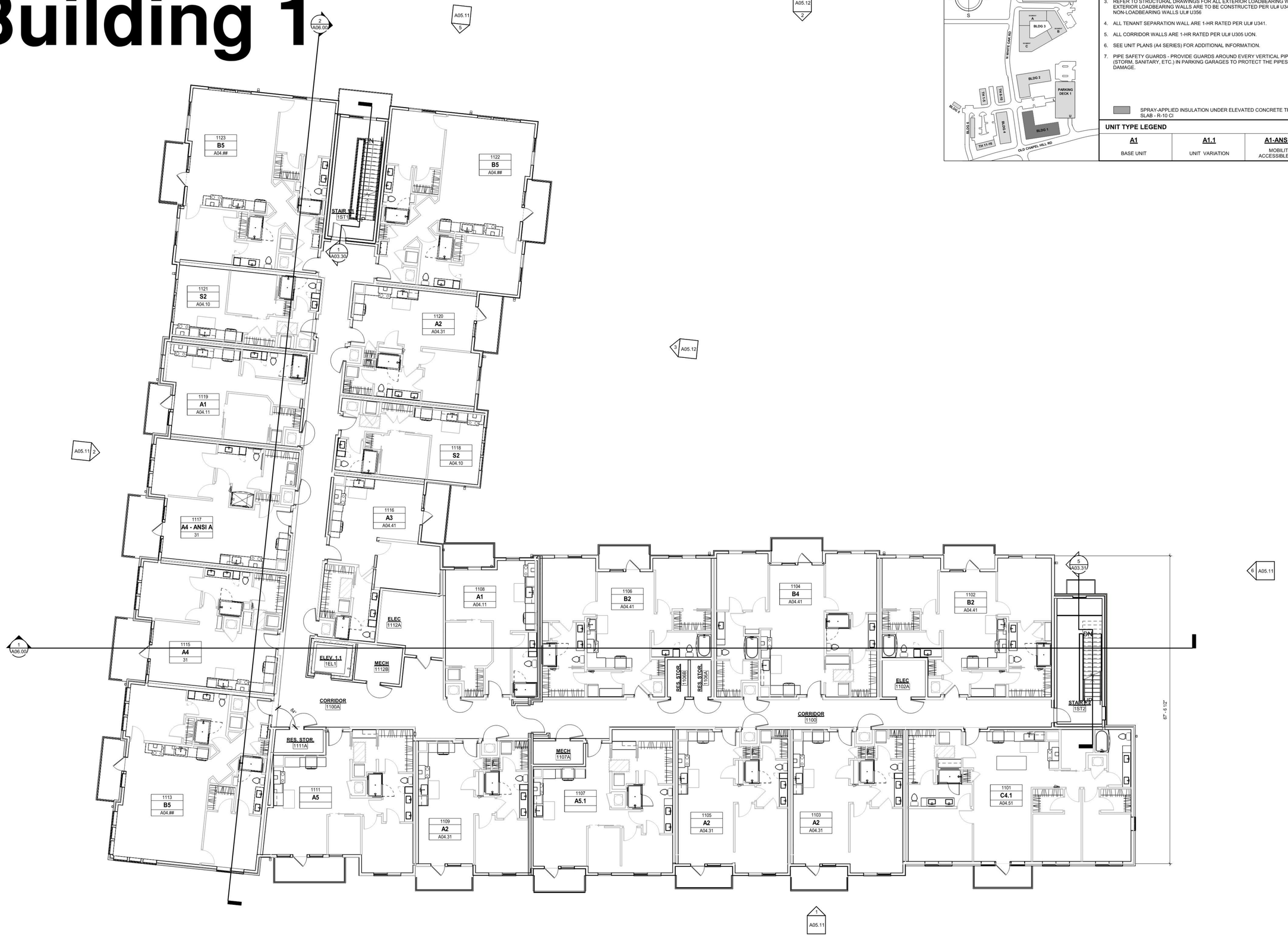
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TOWNHOUSE BUILDING ELEVATIONS

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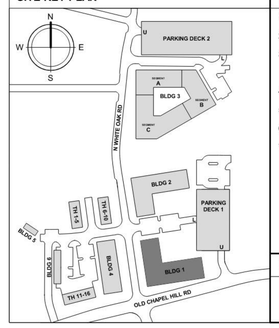
Building 1



A1 BLDG 1 - LEVEL 1

1/8" = 1'-0"

SITE KEY PLAN



FLOOR PLAN NOTES

1. ALL DIMENSIONS ARE TO THE FACE OF STUD UNLESS OTHERWISE NOTED.
2. REFER TO SHEETS A00.70 ET SEQ. FOR PARTITION DETAILS.
3. REFER TO STRUCTURAL DRAWINGS FOR ALL EXTERIOR LOADBEARING WALLS. EXTERIOR LOADBEARING WALLS ARE TO BE CONSTRUCTED PER UL# U349 AND NON-LOADBEARING WALLS UL# U356
4. ALL TENANT SEPARATION WALL ARE 1-HR RATED PER UL# U341.
5. ALL CORRIDOR WALLS ARE 1-HR RATED PER UL# U305 UON.
6. SEE UNIT PLANS (A4 SERIES) FOR ADDITIONAL INFORMATION.
7. PIPE SAFETY GUARDS - PROVIDE GUARDS AROUND EVERY VERTICAL PIPE (STORM, SANITARY, ETC.) IN PARKING GARAGES TO PROTECT THE PIPES FROM DAMAGE.

SPRAY-APPLIED INSULATION UNDER ELEVATED CONCRETE TRANSFER SLAB - R-10 CI

UNIT TYPE LEGEND

A1	A1.1	A1-ANSI A
BASE UNIT	UNIT VARIATION	MOBILITY ACCESSIBLE UNIT

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SHEET NAME

OVERALL FLOOR PLAN - LEVEL 1 - BUILDING 1

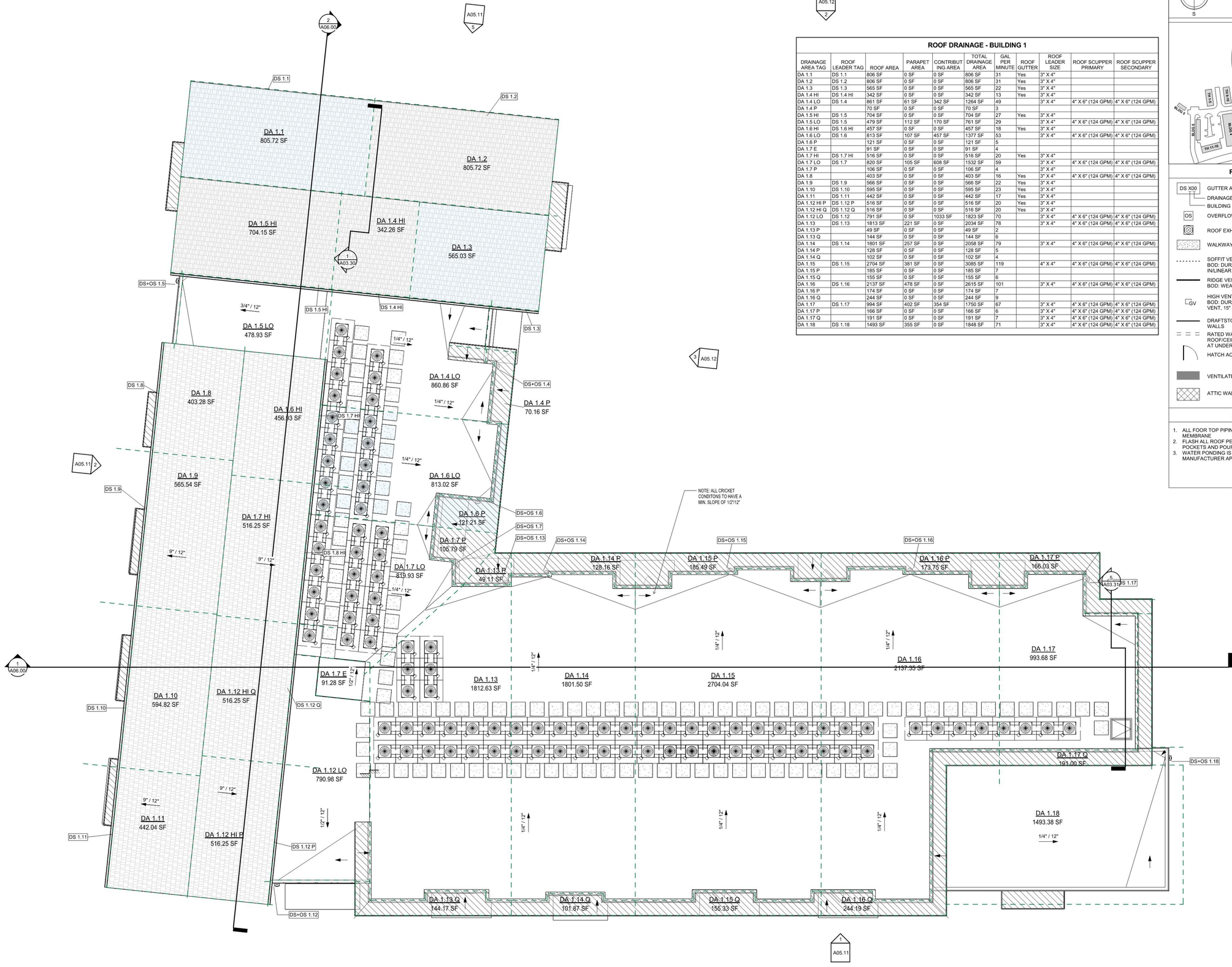
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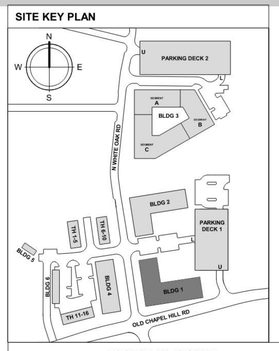
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ROOF DRAINAGE - BUILDING 1

DRAINAGE AREA TAG	ROOF LEADER TAG	ROOF AREA	PARAPET AREA	CONTRIBUTING AREA	TOTAL DRAINAGE AREA	GAL PER MINUTE	ROOF GUTTER	ROOF LEADER SIZE	ROOF SCUPPER PRIMARY	ROOF SCUPPER SECONDARY
DA 1.1	DS 1.1	806 SF	0 SF	0 SF	806 SF	31	Yes	3" X 4"		
DA 1.2	DS 1.2	806 SF	0 SF	0 SF	806 SF	31	Yes	3" X 4"		
DA 1.3	DS 1.3	565 SF	0 SF	0 SF	565 SF	22	Yes	3" X 4"		
DA 1.4 HI	DS 1.4 HI	342 SF	0 SF	0 SF	342 SF	13	Yes	3" X 4"		
DA 1.4 LO	DS 1.4	861 SF	61 SF	342 SF	1264 SF	49		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 1.4 P		70 SF	0 SF	0 SF	70 SF	3				
DA 1.5 HI	DS 1.5	704 SF	0 SF	0 SF	704 SF	27	Yes	3" X 4"		
DA 1.5 LO	DS 1.5	479 SF	112 SF	170 SF	761 SF	29		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 1.6 HI	DS 1.6 HI	457 SF	0 SF	0 SF	457 SF	18	Yes	3" X 4"		
DA 1.6 LO	DS 1.6	813 SF	107 SF	457 SF	1377 SF	53		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 1.6 P		121 SF	0 SF	0 SF	121 SF	5				
DA 1.7 E		91 SF	0 SF	0 SF	91 SF	4				
DA 1.7 HI	DS 1.7 HI	516 SF	0 SF	0 SF	516 SF	20	Yes	3" X 4"		
DA 1.7 LO	DS 1.7	820 SF	105 SF	608 SF	1532 SF	59		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 1.7 P		106 SF	0 SF	0 SF	106 SF	4		3" X 4"		
DA 1.8		403 SF	0 SF	0 SF	403 SF	16	Yes	3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 1.9	DS 1.9	566 SF	0 SF	0 SF	566 SF	22	Yes	3" X 4"		
DA 1.10	DS 1.10	595 SF	0 SF	0 SF	595 SF	23	Yes	3" X 4"		
DA 1.11	DS 1.11	442 SF	0 SF	0 SF	442 SF	17	Yes	3" X 4"		
DA 1.12 HI P	DS 1.12 P	516 SF	0 SF	0 SF	516 SF	20	Yes	3" X 4"		
DA 1.12 HI Q	DS 1.12 Q	516 SF	0 SF	0 SF	516 SF	20	Yes	3" X 4"		
DA 1.12 LO	DS 1.12	791 SF	0 SF	1033 SF	1823 SF	70		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 1.13	DS 1.13	1813 SF	221 SF	0 SF	2034 SF	78		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 1.13 P		49 SF	0 SF	0 SF	49 SF	2				
DA 1.13 Q		144 SF	0 SF	0 SF	144 SF	6				
DA 1.14	DS 1.14	1801 SF	257 SF	0 SF	2058 SF	79		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 1.14 P		128 SF	0 SF	0 SF	128 SF	5				
DA 1.14 Q		102 SF	0 SF	0 SF	102 SF	4				
DA 1.15	DS 1.15	2704 SF	381 SF	0 SF	3085 SF	119		4" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 1.15 P		185 SF	0 SF	0 SF	185 SF	7				
DA 1.15 Q		155 SF	0 SF	0 SF	155 SF	6				
DA 1.16	DS 1.16	2137 SF	478 SF	0 SF	2615 SF	101		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 1.16 P		174 SF	0 SF	0 SF	174 SF	7				
DA 1.16 Q		244 SF	0 SF	0 SF	244 SF	9				
DA 1.17	DS 1.17	994 SF	402 SF	354 SF	1750 SF	67		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 1.17 P		166 SF	0 SF	0 SF	166 SF	6		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 1.17 Q		191 SF	0 SF	0 SF	191 SF	7		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 1.18	DS 1.18	1493 SF	355 SF	0 SF	1848 SF	71		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)

SITE KEY PLAN



ROOF PLAN LEGEND

- DS X00 — GUTTER AND DOWNSPOUT WITH CONDUCTOR HEAD. DRAINAGE AREA NUMBER, TYP. BUILDING LETTER DESIGNATION, TYP.
- OS — OVERFLOW SCUPPER
- ROOF EXHAUST VENT
- WALKWAY PAD
- SOFFIT VENT AT ROOF PERIMETER BOD: DURAFLO 8FT PLASTIC SOFFIT STRIP VENT AT 69 SQ IN/LINEAR FT
- RIDGE VENT BOD: WEATHERPRO RIDGE SOLID VENT AT 18.3 SQ IN/LFT
- GV — HIGH VENT (THROUGH WALL AT ROOF WELL) BOD: DURAFLO STANDARD RECTANGULAR GABLE VENT, 15" X 20.5" (621218) AT 72 NET FREE AREA (SQ IN)
- DRAFTSTOPPING CONTINUING ABOVE (IN ATTIC) RATED WALLS
- RATED WALLS TERMINATING AT UNDERSIDE OF RATED ROOF/CEILING ASSEMBLY (ALL RATED WALLS TERMINATE AT UNDERSIDE OF RF/CLG ASSEMBLY)
- HATCH ACCESS FOR ATTIC MAINTENANCE
- VENTILATED ATTIC AREA
- ATTIC WALKWAY

ROOF PLAN NOTES

1. ALL FOOR TOP PIPING SHALL BE SUPPORTED OFF THE ROOF MEMBRANE
2. FLASH ALL ROOF PENETRATIONS SEPARATELY. PITCH/POUR POCKETS AND POURABLE SEALERS ARE NOT PERMITTED.
3. WATER PONDING IS NOT PERMITTED REGARDLESS OF MANUFACTURER APPROVAL UNLESS APPROVED BY OWNER

1 ROOF DRAINAGE - BLDG 1
1/8" = 1'-0"

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OVERALL FLOOR PLAN - ROOF - BUILDING 1

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1 BLDG 1 PERSPECTIVE



2 BLDG 1 PERSPECTIVE - EAST



3 BLDG 1 PERSPECTIVE - WEST CORNER



4 BLDG 1 PERSPECTIVE - COURTYARD

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SHEET NAME

PERSPECTIVES - BUILDING 1

SHEET NUMBER

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8 BLDG 1 EAST ELEVATION - END
1/16" = 1'-0"



7 BLDG 1 NORTH ELEVATION - END
1/16" = 1'-0"



6 BLDG 1 EAST ELEVATION - END (COLOR)
1/16" = 1'-0"



5 BLDG 1 NORTH ELEVATION - END (COLOR)
1/16" = 1'-0"



4 BLDG 1 WEST ELEVATION - N WHITE OAK
1/16" = 1'-0"



2 BLDG 1 WEST ELEVATION - N WHITE OAK (COLOR)
1/16" = 1'-0"

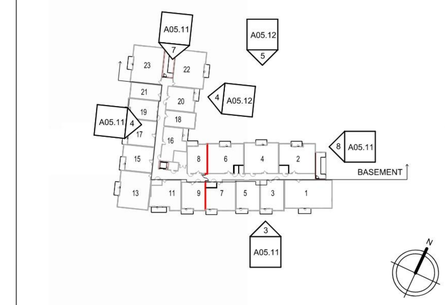


3 BLDG 1 SOUTH ELEVATION - OLD CHAPEL HILL ROAD
1/16" = 1'-0"



1 BLDG 1 SOUTH ELEVATION - OLD CHAPEL HILL ROAD (COLOR)
1/16" = 1'-0"

KEY PLAN - BUILDING 1



BLDG 1 EXTERIOR FINISH SCHEDULE

MARK	MATERIAL DESCRIPTION	MATERIAL SF	MATERIAL %
CEMENTITIOUS PANEL			
CPL	CERACLAD "ANTIQUE SAWN ASH" (LIGHT GRAY)	15567.48 SF	27%
FCBB	WOODTONE CHROMETALLICS "MYSTIC ASH"(LIGHT GRAY) ON SMOOTH FINISH FC PANEL	9455.53 SF	17%
FCL1	PAINT IN FIELD (WHITE, SW7017 EIDER WHITE)	633.31 SF	1%
FCP1	PAINT IN FIELD (WHITE, SW7017 EIDER WHITE)	6928.67 SF	12%
FCP2	PAINT IN FIELD (DARK GRAY, SW7069 IRON ORE)	8532.03 SF	15%
GLAZING			
GLZ 1	(GLAZING BY WINDOW MFR. REF TO SPECS BEFORE CHANGING THIS FIELD)	15747.40 SF	28%
		56864.42 SF	100%

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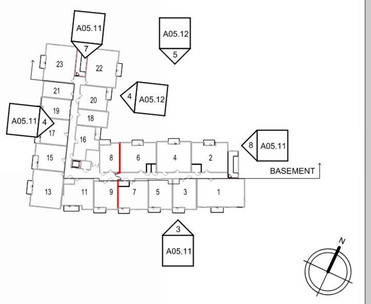
SHEET NAME
OVERALL ELEVATIONS - BUILDING 1

SHEET NUMBER
A05.11
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KEY PLAN - BUILDING 1



BLDG 1 EXTERIOR FINISH SCHEDULE

MARK	MATERIAL DESCRIPTION	MATERIAL SF	MATERIAL %
CEMENTITIOUS PANEL			
CPL	CERACLAD "ANTIQUE SAWN ASH" (LIGHT GRAY)	15567.48 SF	27%
FCBB	WOODTONE CHROMETALLICS "MYSTIC ASH"(LIGHT GRAY) ON SMOOTH FINISH FC PANEL	9455.53 SF	17%
FCL1	PAINT IN FIELD (WHITE, SW7017 EIDER WHITE)	633.31 SF	1%
FCP1	PAINT IN FIELD (WHITE, SW7017 EIDER WHITE)	6928.67 SF	12%
FCP2	PAINT IN FIELD (DARK GRAY, SW7069 IRON ORE)	8532.03 SF	15%
GLAZING			
GLZ 1	(GLAZING BY WINDOW MFR. REF TO SPECS BEFORE CHANGING THIS FIELD)	15747.40 SF	28%
		56864.42 SF	100%



4 BLDG 1 EAST ELEVATION COURTYARD
1/16" = 1'-0"



5 BLDG 1 NORTH ELEVATION COURTYARD
1/16" = 1'-0"



3 BLDG 1 EAST ELEVATION COURTYARD (COLOR)
1/16" = 1'-0"



2 BLDG 1 NORTH ELEVATION COURTYARD (COLOR)
1/16" = 1'-0"

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ZOM LIVING

PROJECT: 2445303

OLD CHAPEL HILL ROAD APARTMENTS

TOWN OF CHAPEL HILL, NC

SUBMISSION

DATE	DESCRIPTION	REV
09/12/25	SCHEMATIC DESIGN SET	
11/21/25	DD PROGRESS SET	
12/19/25	100% DESIGN DEVELOPMENT	

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SHEET NAME

OVERALL ELEVATIONS - BUILDING 1

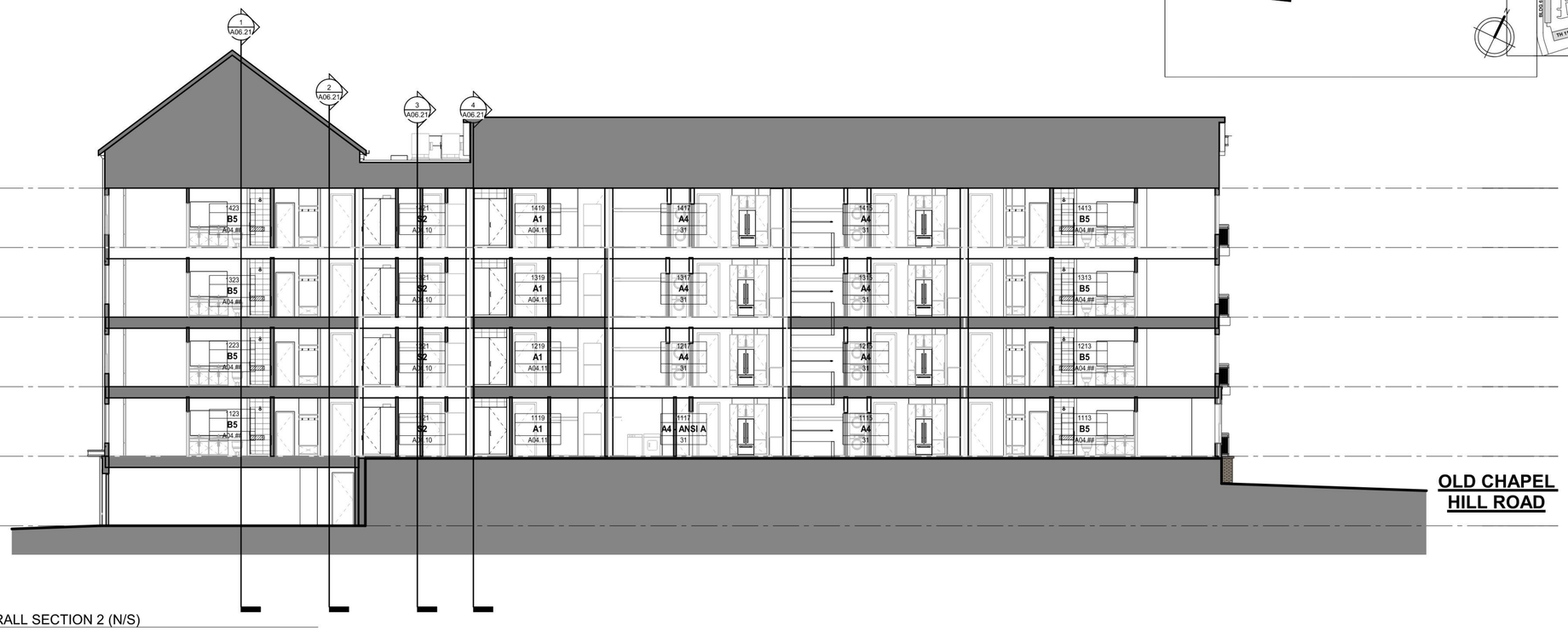
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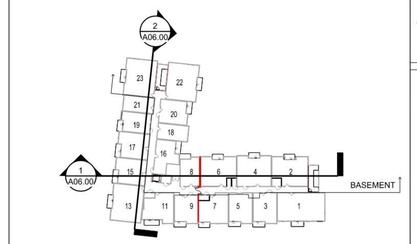


2 BLDG 1 OVERALL SECTION 2 (N/S)
1/8" = 1'-0"

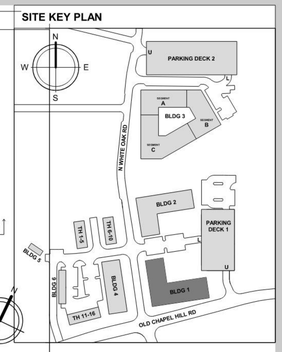


1 BLDG 1 OVERALL SECTION 1 (E/W)
1/8" = 1'-0"

KEY PLAN - BUILDING 1



SITE KEY PLAN



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OLD CHAPEL HILL ROAD APARTMENTS

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SHEET NAME
OVERALL BUILDING SECTIONS 1

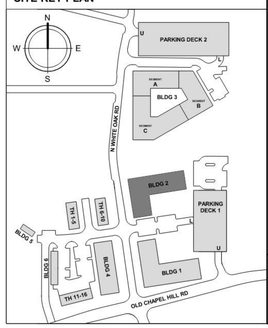
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Building 2

SITE KEY PLAN



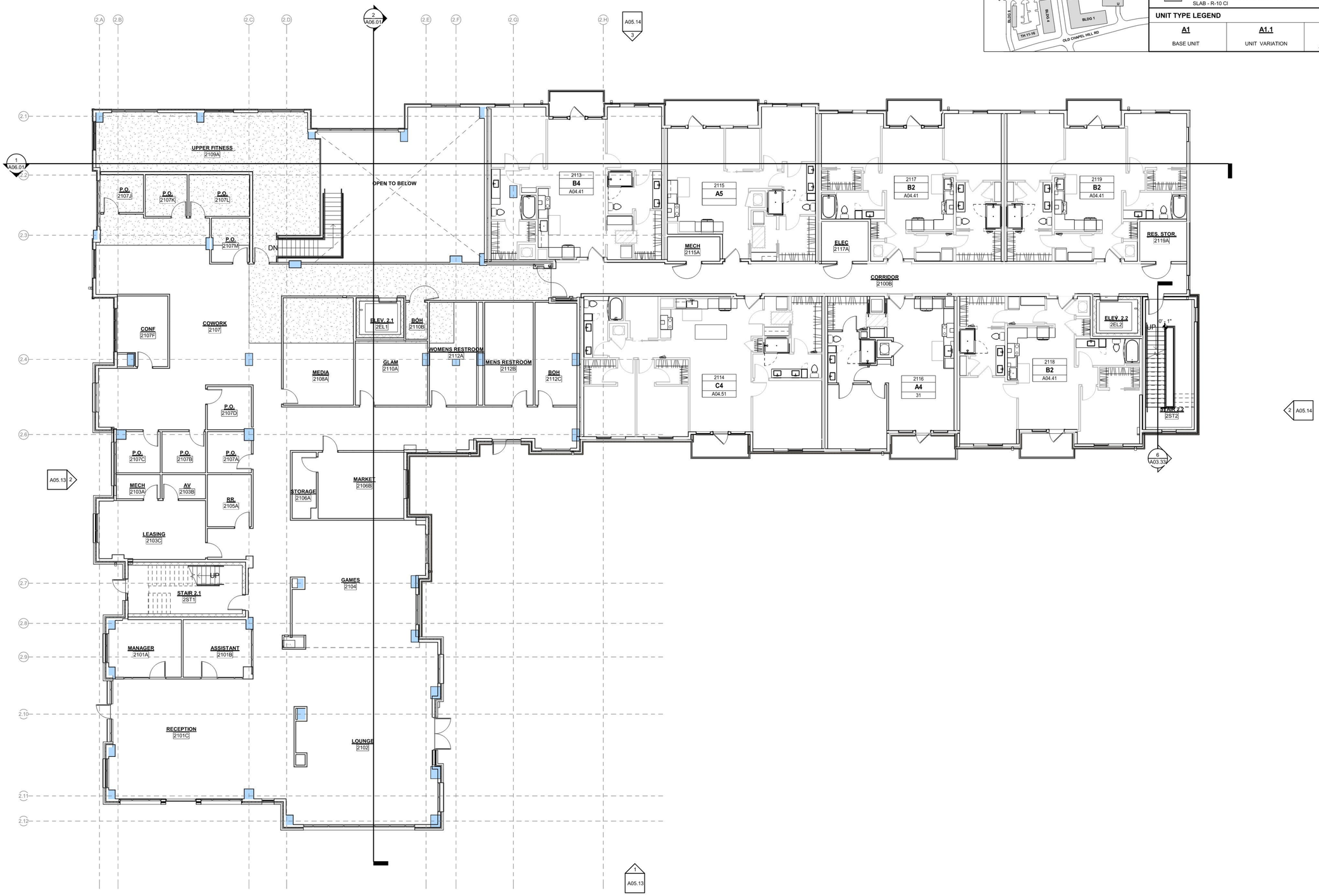
FLOOR PLAN NOTES

1. ALL DIMENSIONS ARE TO THE FACE OF STUD UNLESS OTHERWISE NOTED.
2. REFER TO SHEETS A00.70 ET SEQ. FOR PARTITION DETAILS.
3. REFER TO STRUCTURAL DRAWINGS FOR ALL EXTERIOR LOADBEARING WALLS. EXTERIOR LOADBEARING WALLS ARE TO BE CONSTRUCTED PER UL# U349 AND NON-LOADBEARING WALLS UL# U356
4. ALL TENANT SEPARATION WALL ARE 1-HR RATED PER UL# U341.
5. ALL CORRIDOR WALLS ARE 1-HR RATED PER UL# U305 UON.
6. SEE UNIT PLANS (A4 SERIES) FOR ADDITIONAL INFORMATION.
7. PIPE SAFETY GUARDS - PROVIDE GUARDS AROUND EVERY VERTICAL PIPE (STORM, SANITARY, ETC.) IN PARKING GARAGES TO PROTECT THE PIPES FROM DAMAGE.

SPRAY-APPLIED INSULATION UNDER ELEVATED CONCRETE TRANSFER SLAB - R-10 CI

UNIT TYPE LEGEND

A1	A1.1	A1-ANSI A
BASE UNIT	UNIT VARIATION	MOBILITY ACCESSIBLE UNIT



A1 BLDG 2 - LEVEL 1

1/8" = 1'-0"

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TOWN OF CHAPEL HILL, NC

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11/21/25	DD PROGRESS SET	
12/19/25	100% DESIGN DEVELOPMENT	

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SHEET NAME

OVERALL FLOOR PLAN - LEVEL 1 - BUILDING 2

SHEET NUMBER

A02.11

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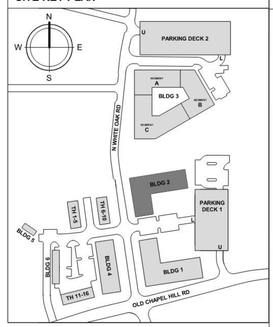
ROOF DRAINAGE - BUILDING 2

DRAINAGE AREA TAG	ROOF LEADER TAG	ROOF AREA	PARAPET AREA	CONTRIBUTING AREA	TOTAL DRAINAGE AREA	GAL PER MINUTE	ROOF GUTTER	ROOF LEADER SIZE	ROOF SCUPPER PRIMARY	ROOF SCUPPER SECONDARY
DA 2.1	DS 2.1	336 SF	0 SF	0 SF	336 SF	13	Yes	3" X 4"		
DA 2.2 HI A	DS 2.2 HI A	830 SF	0 SF	0 SF	830 SF	32	Yes	3" X 4"		
DA 2.2 HI B	DS 2.2 HI B	763 SF	0 SF	0 SF	763 SF	29	Yes	3" X 4"		
DA 2.2 LO	DS+OS 2.2	729 SF	312 SF	1773 SF	2814 SF	108		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 2.2 P		180 SF	0 SF	0 SF	180 SF	7		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 2.3	DS 2.3	1105 SF	0 SF	0 SF	1105 SF	43	Yes	3" X 4"		
DA 2.4	DS 2.4	1293 SF	0 SF	0 SF	1293 SF	50	Yes	3" X 4"		
DA 2.5 E		82 SF	0 SF	0 SF	82 SF	3				
DA 2.5 HI		844 SF	0 SF	0 SF	844 SF	32	Yes	3" X 4"		
DA 2.5 LO	DS+OS 2.5	1311 SF	197 SF	1021 SF	2529 SF	97		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 2.5 P		95 SF	0 SF	0 SF	95 SF	4				
DA 2.6	DS 2.6	905 SF	0 SF	0 SF	905 SF	35	Yes	3" X 4"		
DA 2.7 HI	DS 2.7 HI	837 SF	0 SF	0 SF	837 SF	32	Yes	3" X 4"		
DA 2.7 LO	DS+OS 2.7	1795 SF	439 SF	1033 SF	3267 SF	126			4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 2.7 P		196 SF	0 SF	0 SF	196 SF	8				
DA 2.8	DS 2.8	838 SF	0 SF	0 SF	838 SF	32	Yes	3" X 4"		
DA 2.9	DS+OS 2.9	1507 SF	237 SF	190 SF	1934 SF	74		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)

ROOF DRAINAGE - BUILDING 2

DRAINAGE AREA TAG	ROOF LEADER TAG	ROOF AREA	PARAPET AREA	CONTRIBUTING AREA	TOTAL DRAINAGE AREA	GAL PER MINUTE	ROOF GUTTER	ROOF LEADER SIZE	ROOF SCUPPER PRIMARY	ROOF SCUPPER SECONDARY
DA 2.9 P		190 SF	0 SF	0 SF	190 SF	7				
DA 2.10	DS+OS 2.10	938 SF	164 SF	153 SF	1255 SF	48		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 2.10 P		153 SF	0 SF	0 SF	153 SF	6				
DA 2.11	DS+OS 2.11	1450 SF	233 SF	139 SF	1822 SF	70		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 2.11 P		139 SF	0 SF	0 SF	139 SF	5				
DA 2.12	DS+OS 2.12	1411 SF	240 SF	230 SF	1881 SF	72		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 2.12 P		230 SF	0 SF	0 SF	230 SF	9				
DA 2.13	DS+OS 2.13	855 SF	148 SF	118 SF	1121 SF	43		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 2.13 P		118 SF	0 SF	0 SF	118 SF	5				
DA 2.14	DS+OS 2.14	1249 SF	205 SF	213 SF	1667 SF	64		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 2.14 P		213 SF	0 SF	0 SF	213 SF	8				
DA 2.15	DS+OS 2.15	943 SF	332 SF	331 SF	1606 SF	62		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 2.15 E		80 SF	0 SF	0 SF	80 SF	3				
DA 2.15 P		251 SF	0 SF	0 SF	251 SF	10				
DA 2.16	DS+OS 2.16	662 SF	268 SF	225 SF	1155 SF	44		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 2.16 P		225 SF	0 SF	0 SF	225 SF	9				

SITE KEY PLAN

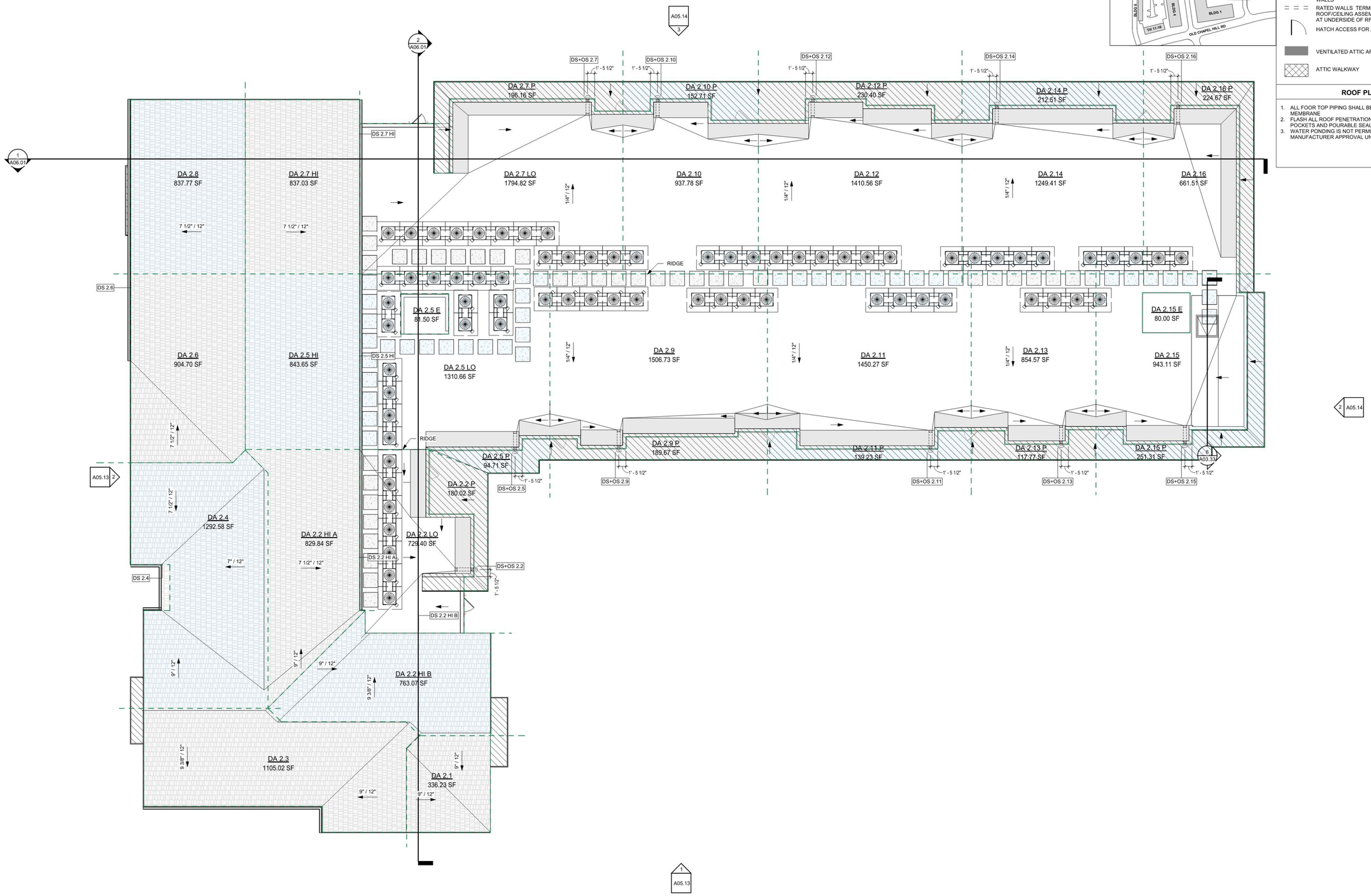


ROOF PLAN LEGEND

- DS X00 — GUTTER AND DOWNSPOUT WITH CONDUCTOR HEAD. DRAINAGE AREA NUMBER, TYP. BUILDING LETTER DESIGNATION, TYP.
- OS — OVERFLOW SCUPPER
- ROOF EXHAUST VENT
- WALKWAY PAD
- SOFFIT VENT AT ROOF PERIMETER BOD: DURAFLO 8FT PLASTIC SOFFIT STRIP VENT AT 69 SQ IN/LINEAR FT
- RIDGE VENT BOD: WEATHERPRO RIDGE SOLID VENT AT 18.3 SQ IN/LFT
- GV — HIGH VENT (THROUGH WALL AT ROOF WELL) BOD: DURAFLO STANDARD RECTANGULAR GABLE VENT, 15" X 20.5" (621218) AT 72 NET FREE AREA (SQ IN)
- DRAFTSTOPPING CONTINUING ABOVE (IN ATTIC) RATED WALLS
- RATED WALLS TERMINATING AT UNDERSIDE OF RATED ROOF/CEILING ASSEMBLY (ALL RATED WALLS TERMINATE AT UNDERSIDE OF RF/CLG ASSEMBLY)
- HATCH ACCESS FOR ATTIC MAINTENANCE
- VENTILATED ATTIC AREA
- ATTIC WALKWAY

ROOF PLAN NOTES

1. ALL FOOR TOP PIPING SHALL BE SUPPORTED OFF THE ROOF MEMBRANE
2. FLASH ALL ROOF PENETRATIONS SEPARATELY. PITCH/POUR POCKETS AND POURABLE SEALERS ARE NOT PERMITTED.
3. WATER PONDING IS NOT PERMITTED REGARDLESS OF MANUFACTURER APPROVAL UNLESS APPROVED BY OWNER



1 ROOF DRAINAGE - BLDG 2
1/8" = 1'-0"

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CONSULTANT

DEVELOPER

ZOM LIVING

PROJECT: 2445303

OLD CHAPEL HILL ROAD APARTMENTS
TOWN OF CHAPEL HILL, NC

SUBMISSION

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12/19/25	100% DESIGN DEVELOPMENT	

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OVERALL FLOOR PLAN - ROOF - BUILDING 2

SHEET NUMBER
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3 BLDG 2 PERSPECTIVE - NORTH



4 BLDG 2 PERSPECTIVE - NORTHEAST



2 BLDG 2 PERSPECTIVE - SOUTHWEST



1 BLDG 2 PERSPECTIVE - COURTYARD

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03/07/26	PRICING SET	

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PERSPECTIVES - BUILDING 2

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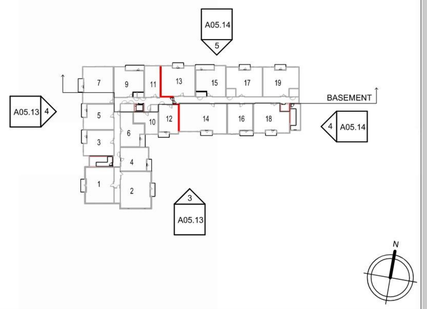
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KEY PLAN - BUILDING 2



BLDG 2 EXTERIOR FINISH SCHEDULE

MARK	MATERIAL DESCRIPTION	MATERIAL SF	MATERIAL %
CEMENTITIOUS PANEL			
CPL	CERACLAD "ANTIQUE SAWN ASH" (LIGHT GRAY)	18407.28 SF	24%
FCBB	WOODTONE CHROMETALLICS "MYSTIC ASH"(LIGHT GRAY) ON SMOOTH FINISH FC PANEL	8142.86 SF	11%
FCL1	PAINT IN FIELD (WHITE, SW7017 EIDER WHITE)	3006.42 SF	4%
FCP1	PAINT IN FIELD (WHITE, SW7017 EIDER WHITE)	16036.65 SF	21%
FCP2	PAINT IN FIELD (DARK GRAY, SW7069 IRON ORE)	8629.55 SF	11%
GLAZING			
GLZ 1	(GLAZING BY WINDOW MFR. REF TO SPECS BEFORE CHANGING THIS FIELD)	21638.23 SF	28%
Masonry			
BR	MASONRY MODULAR BRICK - FULL DEPTH WITH ROWLOCK & SOLDIER COURSES AS SHOWN	1171.26 SF	2%
		77032.23 SF	100%



4 BLDG 2 WEST ELEVATION - N WHITE OAK RD
1/16" = 1'-0"



3 BLDG 2 SOUTH ELEVATION - PRIVATE DRIVE
1/16" = 1'-0"



2 BLDG 2 WEST ELEVATION - N WHITE OAK RD (COLOR)
1/16" = 1'-0"



1 BLDG 2 SOUTH ELEVATION - PRIVATE DRIVE (COLOR)
1/16" = 1'-0"

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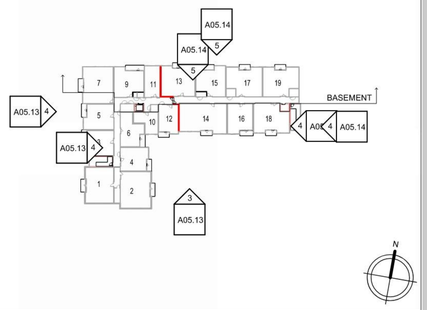
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KEY PLAN - BUILDING 2



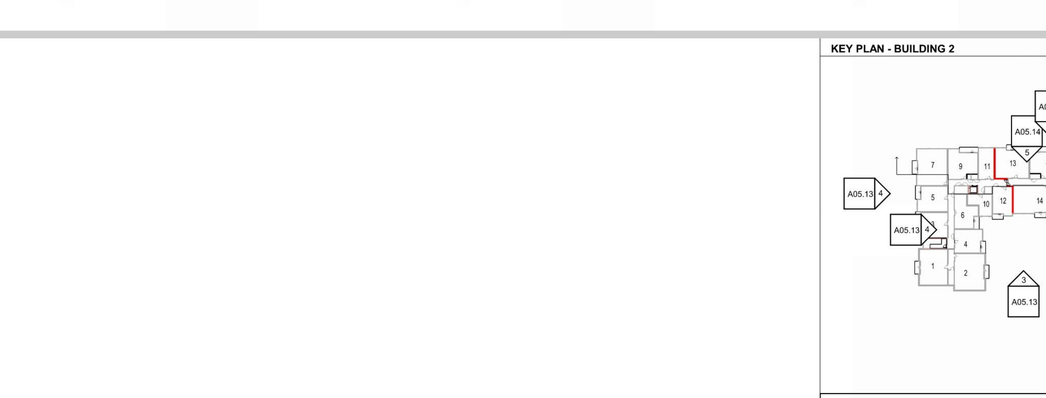
BLDG 2 EXTERIOR FINISH SCHEDULE

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GLAZING			
GLZ 1	(GLAZING BY WINDOW MFR. REF TO SPECS BEFORE CHANGING THIS FIELD)	21638.23 SF	28%
Masonry			
BR	MASONRY MODULAR BRICK - FULL DEPTH WITH ROWLOCK & SOLDIER COURSES AS SHOWN	1171.26 SF	2%
		77032.23 SF	100%

EAST ELEVATION



2 BLDG 2 EAST ELEVATION (COLOR)
1/16" = 1'-0"



5 BLDG 2 NORTH ELEVATION
1/16" = 1'-0"



3 BLDG 2 NORTH ELEVATION (COLOR)
1/16" = 1'-0"

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SHEET NAME

OVERALL ELEVATIONS - BUILDING 2

SHEET NUMBER

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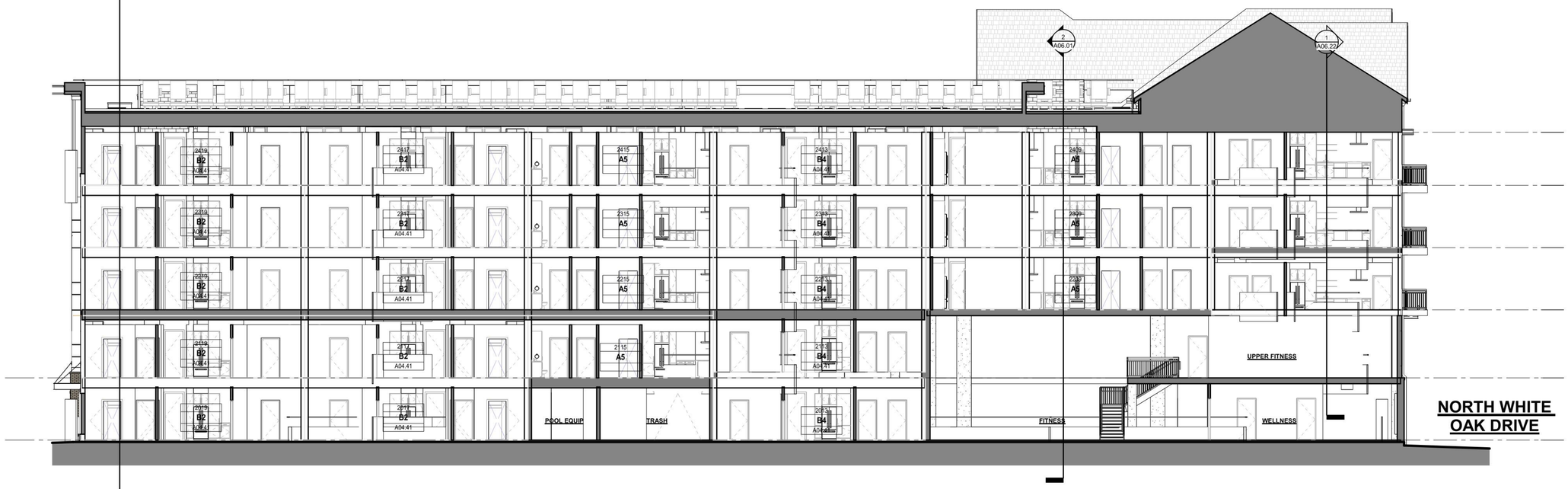
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2 BLDG 2 OVERALL BLDG SECTION 1 (N/S)

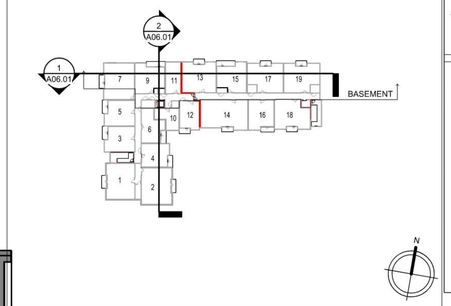
1/8" = 1'-0"



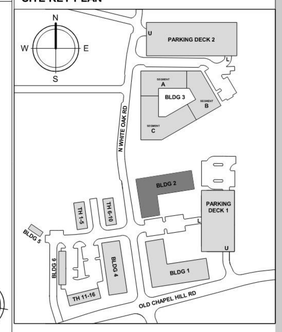
1 BLDG 2 OVERALL BLDG SECTION 2 (E/W)

1/8" = 1'-0"

KEY PLAN - BUILDING 2



SITE KEY PLAN



dwell design studio
3700 SOUTH BLVD
SUITE 300
CHARLOTTE, NC 28209
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dwelldesignstudio.com

CONSULTANT

DEVELOPER

ZOM LIVING

PROJECT: 2445303

OLD CHAPEL HILL ROAD APARTMENTS

TOWN OF CHAPEL HILL, NC

SUBMISSION

DATE	DESCRIPTION	REV
09/12/25	SCHEMATIC DESIGN SET	
11/21/25	DD PROGRESS SET	
12/19/25	100% DESIGN DEVELOPMENT	

DESIGN SEAL

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SHEET NAME

OVERALL BUILDING SECTIONS 2

SHEET NUMBER

A06.01

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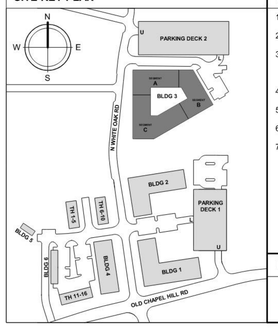
Building 3



A1 BLDG 3 - LEVEL 1

1/16" = 1'-0"

SITE KEY PLAN



FLOOR PLAN NOTES

1. ALL DIMENSIONS ARE TO THE FACE OF STUD UNLESS OTHERWISE NOTED.
2. REFER TO SHEETS A00.70 ET SEQ. FOR PARTITION DETAILS.
3. REFER TO STRUCTURAL DRAWINGS FOR ALL EXTERIOR LOADBEARING WALLS. EXTERIOR LOADBEARING WALLS ARE TO BE CONSTRUCTED PER UL# U349 AND NON-LOADBEARING WALLS UL# U356
4. ALL TENANT SEPARATION WALL ARE 1-HR RATED PER UL# U341.
5. ALL CORRIDOR WALLS ARE 1-HR RATED PER UL# U305 UON.
6. SEE UNIT PLANS (A4 SERIES) FOR ADDITIONAL INFORMATION.
7. PIPE SAFETY GUARDS - PROVIDE GUARDS AROUND EVERY VERTICAL PIPE (STORM, SANITARY, ETC.) IN PARKING GARAGES TO PROTECT THE PIPES FROM DAMAGE.

SPRAY-APPLIED INSULATION UNDER ELEVATED CONCRETE TRANSFER SLAB - R-10 CI

UNIT TYPE LEGEND

A1	A1.1	A1-ANSI A
BASE UNIT	UNIT VARIATION	MOBILITY ACCESSIBLE UNIT

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OVERALL FLOOR PLAN - LEVEL 1 - BUILDING 3

SHEET NUMBER

A02.21

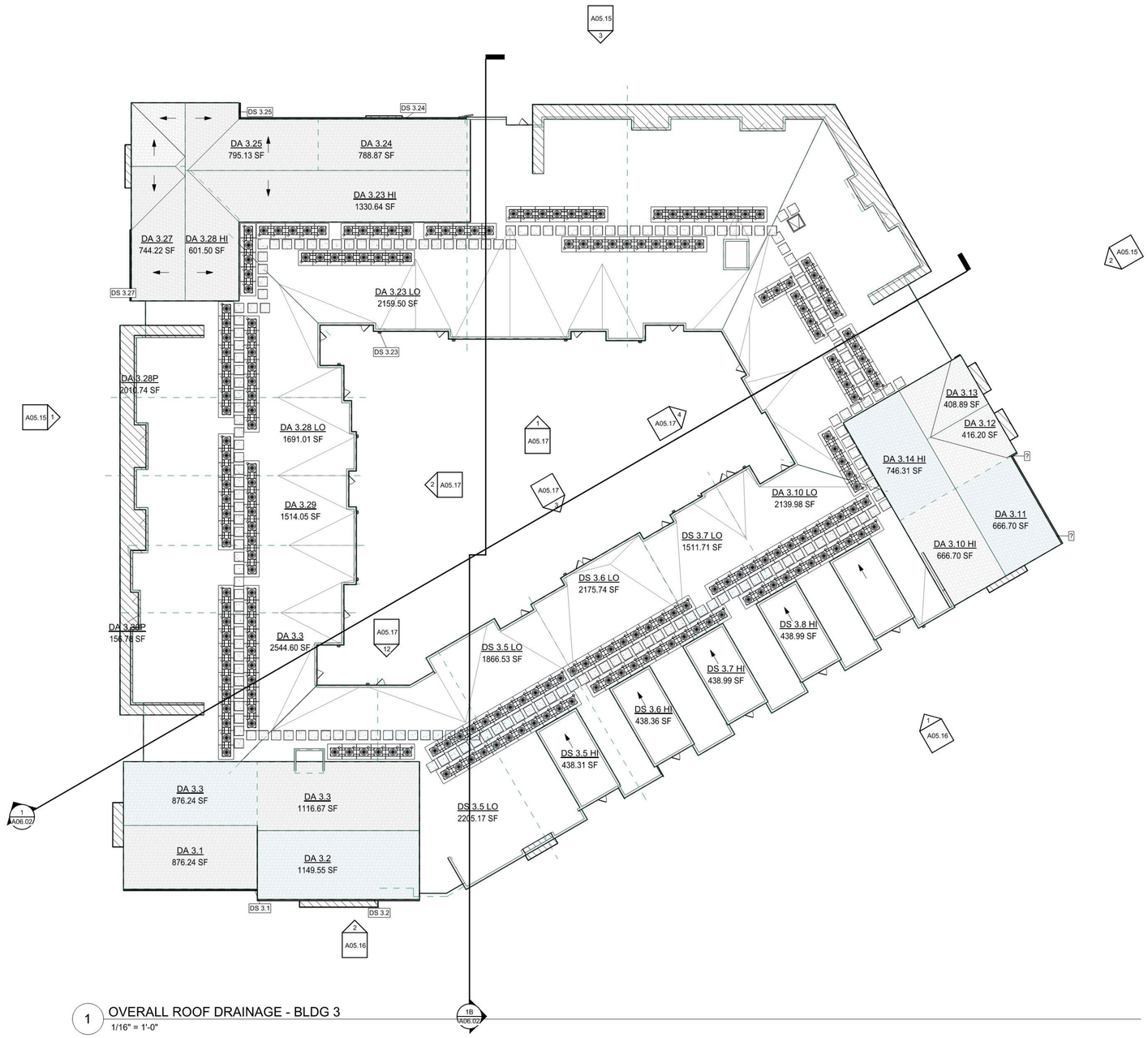
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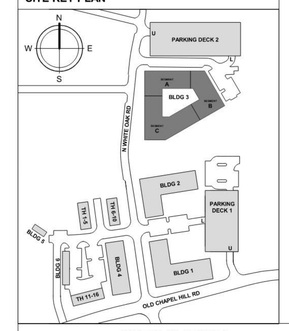
ROOF DRAINAGE - BUILDING 3

DRAINAGE AREA TAG	ROOF LEADER TAG	ROOF AREA	PARAPET AREA	CONTRIBUTING AREA	TOTAL DRAINAGE AREA	GAL PER MINUTE	ROOF GUTTER	ROOF LEADER SIZE	ROOF SCUPPER PRIMARY	ROOF SCUPPER SECONDARY
DA 3.1		876 SF								
DA 3.2		1150 SF								
DA 3.3		876 SF								
DA 3.3		1117 SF								
DA 3.3		2545 SF								
DA 3.3		741 SF								
DA 3.3		69 SF								
DA 3.10 HI		667 SF								
DA 3.10 LO		2140 SF		667 SF						
DA 3.11		667 SF								
DA 3.12		416 SF								
DA 3.13		409 SF								
DA 3.14 HI		746 SF								
DA 3.23 HI		1331 SF								
DA 3.23 LO		2159 SF								
DA 3.24		789 SF								
DA 3.25		795 SF								
DA 3.27		744 SF								
DA 3.28 HI		602 SF								
DA 3.28 LO		1691 SF								
DA 3.28P		2011 SF								
DA 3.29		1514 SF								
DA 3.29P		Not Placed								
DA 3.30		Not Placed								
DA 3.30P		157 SF								



1 OVERALL ROOF DRAINAGE - BLDG 3
1/16" = 1'-0"

SITE KEY PLAN



ROOF PLAN LEGEND

- DS X00 — GUTTER AND DOWNSPOUT WITH CONDUCTOR HEAD.
  - DRAINAGE AREA NUMBER, TYP.
  - BUILDING LETTER DESIGNATION, TYP.
- OS — OVERFLOW SCUPPER
- ROOF EXHAUST VENT
- WALKWAY PAD
- SOFFIT VENT AT ROOF PERIMETER
  BOD: DURAFLO 8FT PLASTIC SOFFIT STRIP VENT AT 69 SQ IN/LINEAR FT
- RIDGE VENT
  BOD: WEATHERPRO RIDGE SOLID VENT AT 18.3 SQ IN/LFT
- GV — HIGH VENT (THROUGH WALL AT ROOF WELL)
  BOD: DURAFLO STANDARD RECTANGULAR GABLE VENT, 15" X 20.5" (621218) AT 72 NET FREE AREA (SQ IN)
- DRAFTSTOPPING CONTINUING ABOVE (IN ATTIC) RATED WALLS
- RATED WALLS TERMINATING AT UNDERSIDE OF RATED ROOF/CEILING ASSEMBLY (ALL RATED WALLS TERMINATE AT UNDERSIDE OF RF/CLG ASSEMBLY)
- HATCH ACCESS FOR ATTIC MAINTENANCE
- VENTILATED ATTIC AREA
- ATTIC WALKWAY

ROOF PLAN NOTES

1. ALL FOOR TOP PIPING SHALL BE SUPPORTED OFF THE ROOF MEMBRANE
2. FLASH ALL ROOF PENETRATIONS SEPARATELY. PITCH/POUR POCKETS AND POURABLE SEALERS ARE NOT PERMITTED.
3. WATER PONDING IS NOT PERMITTED REGARDLESS OF MANUFACTURER APPROVAL UNLESS APPROVED BY OWNER

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DEVELOPER

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PROJECT: 2445303

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SUBMISSION

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12/19/25	100% DESIGN DEVELOPMENT	

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SHEET NAME
OVERALL FLOOR PLAN - ROOF - BUILDING 3

SHEET NUMBER
A02.25
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2 BUILDING 3 PERSPECTIVE - NORTHWEST



1 BUILDING 3 PERSPECTIVE - NORTHEAST



4 BUILDING 3 PERSPECTIVE - SOUTHWEST



3 BUILDING 3 PERSPECTIVE - SOUTHEAST

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SHEET NAME

PERSPECTIVES - BUILDING 3

SHEET NUMBER

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6 BLDG 3 NORTH ELEVATION - DRIVE AISLE 'B'
1/16" = 1'-0"



3 BLDG 3 NORTH ELEVATION - DRIVE AISLE 'B' (COLOR)
1/16" = 1'-0"



4 BLDG 3 WEST ELEVATION - N WHITE OAK RD
1/16" = 1'-0"



1 BLDG 3 WEST ELEVATION - N WHITE OAK RD (COLOR)
1/16" = 1'-0"

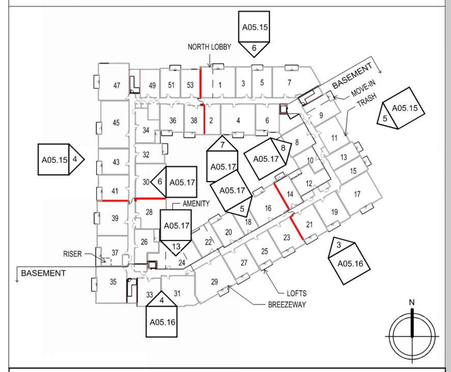


5 BLDG 3 NE ELEVATION
1/16" = 1'-0"



2 BLDG 3 NE ELEVATION (COLOR)
1/16" = 1'-0"

KEY PLAN - BUILDING 3



BLDG 3 EXTERIOR FINISH SCHEDULE

MARK	MATERIAL DESCRIPTION	MATERIAL SF	MATERIAL %
CEMENTITIOUS PANEL			
CPL	CERACLAD "ANTIQUE SAWN ASH" (LIGHT GRAY)	22158.83 SF	20%
FCBB	WOODTONE CHROMETALLICS "MYSTIC ASH"(LIGHT GRAY) ON SMOOTH FINISH FC PANEL	25235.02 SF	23%
FCL1	PAINT IN FIELD (WHITE, SW7017 EIDER WHITE)	1123.46 SF	1%
FCP1	PAINT IN FIELD (WHITE, SW7017 EIDER WHITE)	14424.32 SF	13%
FCP2	PAINT IN FIELD (DARK GRAY, SW7069 IRON ORE)	10879.44 SF	10%
CEMENTITOUS SIDING			
FCP2	PAINT IN FIELD (DARK GRAY, SW7069 IRON ORE)	149.54 SF	0%
GLAZING			
GLZ 1	(GLAZING BY WINDOW MFR. REF TO SPECS BEFORE CHANGING THIS FIELD)	34565.96 SF	32%
		108536.58 SF	100%

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OLD CHAPEL HILL ROAD APARTMENTS
TOWN OF CHAPEL HILL, NC

SUBMISSION

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12/19/25	100% DESIGN DEVELOPMENT	

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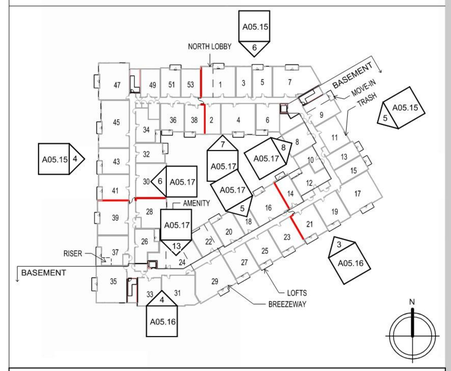
SHEET NAME
OVERALL ELEVATIONS - BUILDING 3

SHEET NUMBER
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KEY PLAN - BUILDING 3



BLDG 3 EXTERIOR FINISH SCHEDULE

MARK	MATERIAL DESCRIPTION	MATERIAL SF	MATERIAL %
CEMENTITIOUS PANEL			
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FCBB	WOODTONE CHROMETALLICS "MYSTIC ASH"(LIGHT GRAY) ON SMOOTH FINISH FC PANEL	25235.02 SF	23%
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FCP1	PAINT IN FIELD (WHITE, SW7017 EIDER WHITE)	14424.32 SF	13%
FCP2	PAINT IN FIELD (DARK GRAY, SW7069 IRON ORE)	10879.44 SF	10%
CEMENTITOUS SIDING			
FCP2	PAINT IN FIELD (DARK GRAY, SW7069 IRON ORE)	149.54 SF	0%
GLAZING			
GLZ 1	(GLAZING BY WINDOW MFR. REF TO SPECS BEFORE CHANGING THIS FIELD)	34565.96 SF	32%
		108536.58 SF	100%



4 BLDG 3 SOUTH ELEVATION
1/16" = 1'-0"



3 BLDG 3 SOUTH EAST ELEVATION
1/16" = 1'-0"



2 BLDG 3 SOUTH ELEVATION - (COLOR)
1/16" = 1'-0"



1 BLDG 3 SOUH EAST ELEVATION - (COLOR)
1/16" = 1'-0"

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OLD CHAPEL HILL ROAD APARTMENTS

TOWN OF CHAPEL HILL, NC

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DESIGN SEAL

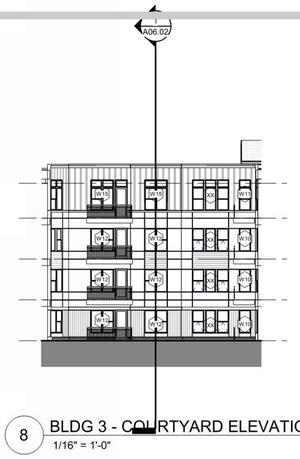
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SHEET NAME
OVERALL ELEVATIONS - BUILDING 3

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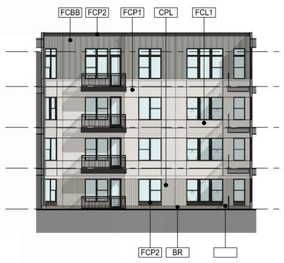


8 BLDG 3 - COURTYARD ELEVATION EAST
1/16" = 1'-0"



5 BLDG 3 - COURTYARD ELEVATION SOUTHEAST
1/16" = 1'-0"

13 BLDG 3 - COURTYARD ELEVATION SOUTH
1/16" = 1'-0"

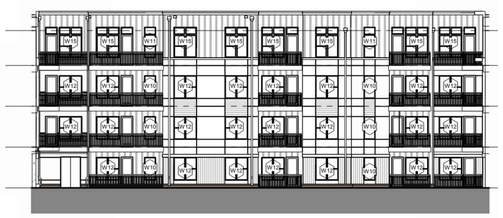


4 BLDG 3 - COURTYARD ELEVATION EAST (COLOR)
1/16" = 1'-0"



3 BLDG 3 - COURTYARD ELEVATION SOUTHEAST (COLOR)
1/16" = 1'-0"

12 BLDG 3 - COURTYARD ELEVATION SOUTH (COLOR)
1/16" = 1'-0"



6 BLDG 3 - COURTYARD ELEVATION WEST
1/16" = 1'-0"



7 BLDG 3 - COURTYARD ELEVATION NORTH
1/16" = 1'-0"



2 BLDG 3 - COURTYARD ELEVATION WEST (COLOR)
1/16" = 1'-0"



1 BLDG 3 - COURTYARD ELEVATION NORTH (COLOR)
1/16" = 1'-0"

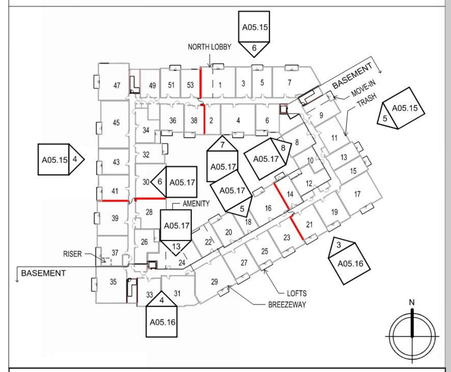


11 BLDG 3 - EAST BREEZEWAY ELEVATION (COLOR)
1/16" = 1'-0"



10 BLDG 3 - WEST BREEZEWAY ELEVATION (COLOR)
1/16" = 1'-0"

KEY PLAN - BUILDING 3



BLDG 3 EXTERIOR FINISH SCHEDULE

MARK	MATERIAL DESCRIPTION	MATERIAL SF	MATERIAL %
CEMENTITIOUS PANEL			
CPL	CERACLAD "ANTIQUE SAWN ASH" (LIGHT GRAY)	22158.83 SF	20%
FCBB	WOODTONE CHROMETALLICS "MYSTIC ASH"(LIGHT GRAY) ON SMOOTH FINISH FC PANEL	25235.02 SF	23%
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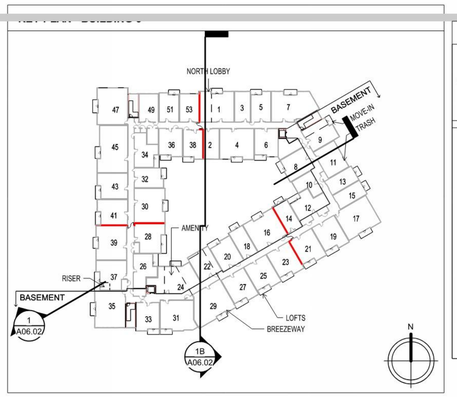
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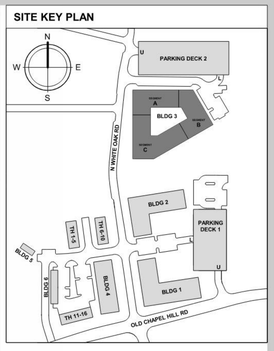
SHEET NAME
OVERALL ELEVATIONS - BUILDING 3 COURTYARD

SHEET NUMBER
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1 BUILDING 3 OVERALL BUILDING SECTION E/W

3/32" = 1'-0"



1B BLDG 3 OVERALL BLDG SECTION (N/S)

3/32" = 1'-0"

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SHEET NAME

OVERALL BUILDING SECTIONS 3

SHEET NUMBER

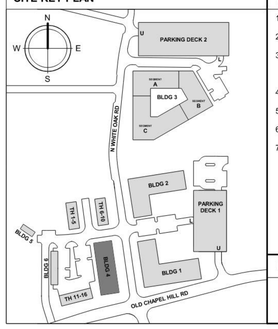
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Building 4



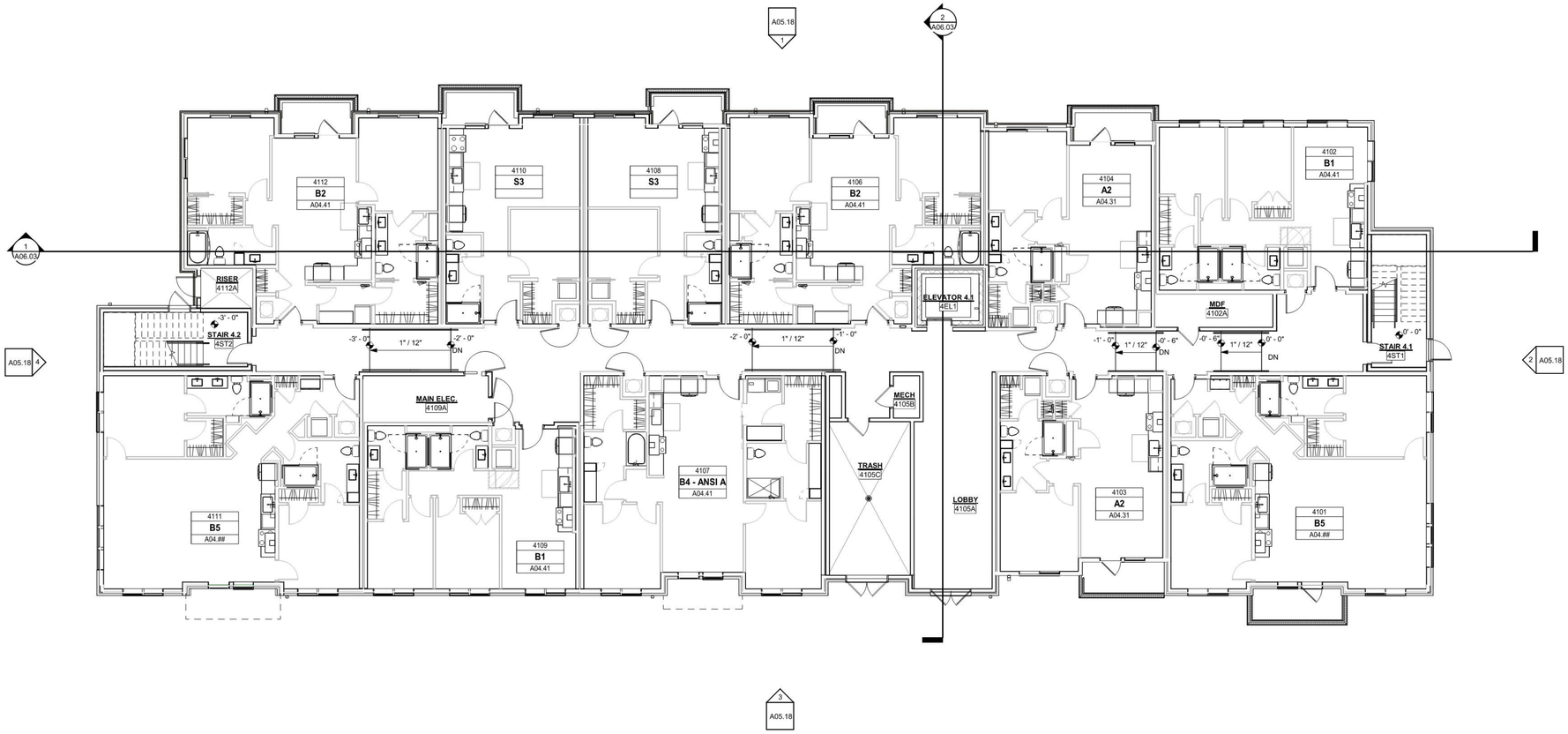
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3. REFER TO STRUCTURAL DRAWINGS FOR ALL EXTERIOR LOADBEARING WALLS. EXTERIOR LOADBEARING WALLS ARE TO BE CONSTRUCTED PER UL# U349 AND NON-LOADBEARING WALLS UL# U356
4. ALL TENANT SEPARATION WALL ARE 1-HR RATED PER UL# U341.
5. ALL CORRIDOR WALLS ARE 1-HR RATED PER UL# U305 UON.
6. SEE UNIT PLANS (A4 SERIES) FOR ADDITIONAL INFORMATION.
7. PIPE SAFETY GUARDS - PROVIDE GUARDS AROUND EVERY VERTICAL PIPE (STORM, SANITARY, ETC.) IN PARKING GARAGES TO PROTECT THE PIPES FROM DAMAGE.

SPRAY-APPLIED INSULATION UNDER ELEVATED CONCRETE TRANSFER SLAB - R-10 CI

UNIT TYPE LEGEND

A1	A1.1	A1-ANSI A
BASE UNIT	UNIT VARIATION	MOBILITY ACCESSIBLE UNIT



A1 BLDG 4 - LEVEL 1

1/8" = 1'-0"

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DEVELOPER

ZOM LIVING

PROJECT: 2445303

OLD CHAPEL HILL ROAD APARTMENTS

TOWN OF CHAPEL HILL, NC

SUBMISSION

DATE	DESCRIPTION	REV
09/12/25	SCHEMATIC DESIGN SET	
11/21/25	DD PROGRESS SET	
12/19/25	100% DESIGN DEVELOPMENT	

DESIGN SEAL

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SHEET NAME

OVERALL FLOOR PLAN - LEVEL 1 - BUILDING 4

SHEET NUMBER

A02.40

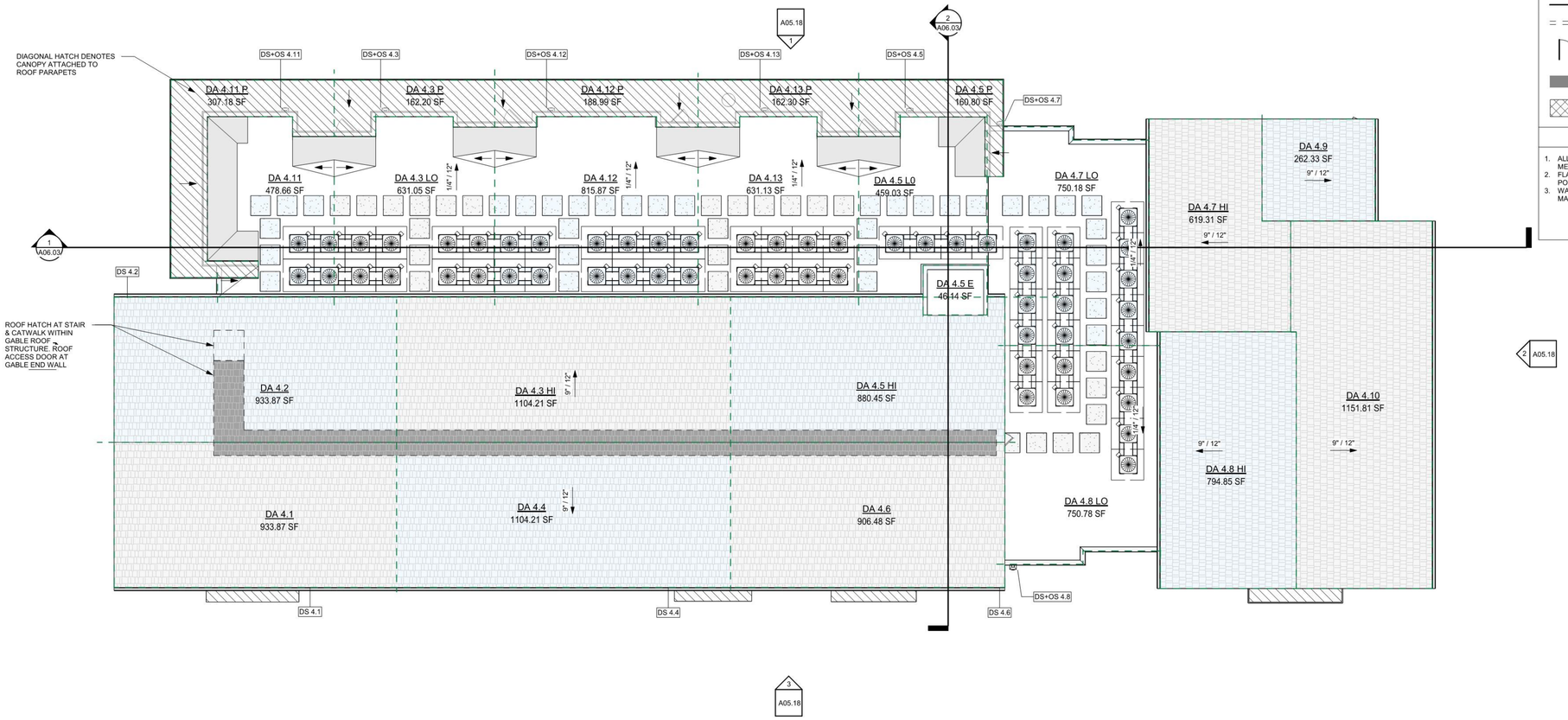
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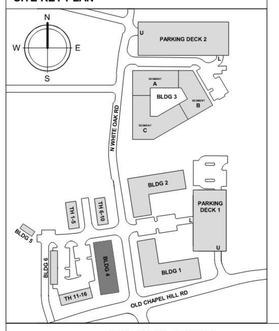
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ROOF DRAINAGE - BUILDING 4

DRAINAGE AREA TAG	ROOF LEADER TAG	ROOF AREA	PARAPET AREA	CONTRIBUTING AREA	TOTAL DRAINAGE AREA	GAL PER MINUTE	ROOF GUTTER	ROOF LEADER SIZE	ROOF SCUPPER PRIMARY	ROOF SCUPPER SECONDARY
DA 4.1	DS 4.1	934 SF	0 SF	0 SF	934 SF	36	Yes	3" X 4"		
DA 4.2	DS 4.2	934 SF	0 SF	0 SF	934 SF	36	Yes	3" X 4"		
DA 4.3 HI	DS 4.3 HI	1104 SF	0 SF	0 SF	1104 SF	42	Yes	3" X 4"		
DA 4.3 LO	DS+OS 4.3	631 SF	178 SF	1266 SF	2075 SF	80		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 4.3 P		162 SF	0 SF	0 SF	162 SF	6				
DA 4.4	DS 4.4	1104 SF	0 SF	0 SF	1104 SF	42	Yes	3" X 4"		
DA 4.5 E		46 SF	0 SF	0 SF	46 SF	2				
DA 4.5 HI	DS 4.5 HI	880 SF	0 SF	0 SF	880 SF	34	Yes	3" X 4"		
DA 4.5 LO	DS+OS 4.5	459 SF	194 SF	1087 SF	1740 SF	67		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 4.5 P		161 SF	0 SF	0 SF	161 SF	6				
DA 4.6	DS 4.6	906 SF	0 SF	0 SF	906 SF	35	Yes	3" X 4"		
DA 4.7 HI	DS 4.7 HI	619 SF	0 SF	0 SF	619 SF	24	Yes	3" X 4"		
DA 4.7 LO	DS+OS 4.7	750 SF	168 SF	619 SF	1537 SF	59		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 4.8 HI	DS 4.8 HI	795 SF	0 SF	0 SF	795 SF	31	Yes	3" X 4"		
DA 4.8 LO	DS+OS 4.8	751 SF	261 SF	795 SF	1807 SF	70		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 4.9	DS 4.9	262 SF	0 SF	0 SF	262 SF	10	Yes	3" X 4"		
DA 4.10	DS 4.10	1152 SF	0 SF	0 SF	1152 SF	44	Yes	3" X 4"		
DA 4.11	DS+OS 4.11	479 SF	320 SF	307 SF	1106 SF	43		3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 4.11 P		307 SF	0 SF	0 SF	307 SF	12				
DA 4.12	DS+OS 4.12	816 SF	208 SF					3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 4.12 P		189 SF	0 SF	0 SF	189 SF	7				
DA 4.13	DS+OS 4.13	631 SF	178 SF					3" X 4"	4" X 6" (124 GPM)	4" X 6" (124 GPM)
DA 4.13 P		162 SF	0 SF	0 SF	162 SF	6				



SITE KEY PLAN



ROOF PLAN LEGEND

- DS X00 — GUTTER AND DOWNSPOUT WITH CONDUCTOR HEAD.
  - DRAINAGE AREA NUMBER, TYP.
  - BUILDING LETTER DESIGNATION, TYP.
- OS — OVERFLOW SCUPPER
- ROOF EXHAUST VENT
- WALKWAY PAD
- SOFFIT VENT AT ROOF PERIMETER
  BOD: DURAFLO 8FT PLASTIC SOFFIT STRIP VENT AT 69 SQ IN/LINEAR FT
- RIDGE VENT
  BOD: WEATHERPRO RIDGE SOLID VENT AT 18.3 SQ IN/LFT
- GV — HIGH VENT (THROUGH WALL AT ROOF WELL)
  BOD: DURAFLO STANDARD RECTANGULAR GABLE VENT, 15" X 20.5" (621218) AT 72 NET FREE AREA (SQ IN)
- DRAFTSTOPPING CONTINUING ABOVE (IN ATTIC) RATED WALLS
- RATED WALLS TERMINATING AT UNDERSIDE OF RATED ROOF/CEILING ASSEMBLY (ALL RATED WALLS TERMINATE AT UNDERSIDE OF RF/CLG ASSEMBLY)
- HATCH ACCESS FOR ATTIC MAINTENANCE
- VENTILATED ATTIC AREA
- ATTIC WALKWAY

ROOF PLAN NOTES

1. ALL FOOR TOP PIPING SHALL BE SUPPORTED OFF THE ROOF MEMBRANE
2. FLASH ALL ROOF PENETRATIONS SEPARATELY. PITCH/POUR POCKETS AND POURABLE SEALERS ARE NOT PERMITTED.
3. WATER PONDING IS NOT PERMITTED REGARDLESS OF MANUFACTURER APPROVAL UNLESS APPROVED BY OWNER

2 ROOF DRAINAGE - BLDG 4

1/8" = 1'-0"

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OLD CHAPEL HILL ROAD APARTMENTS

TOWN OF CHAPEL HILL, NC

SUBMISSION

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12/19/25	100% DESIGN DEVELOPMENT	

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SHEET NAME

OVERALL FLOOR PLAN - ROOF - BUILDING 4

SHEET NUMBER

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2 BUILDING 4 PERSPECTIVE - NORTHWEST



1 BUILDING 4 PERSPECTIVE - NORTHEAST



4 BUILDING 4 PERSPECTIVE - SOUTHWEST



3 BUILDING 4 PERSPECTIVE - SOUTHEAST

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SHEET NAME

PERSPECTIVES - BUILDING 4

SHEET NUMBER

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7 BLDG 4 NORTH ELEVATION (PRIVATE DRIVE)
1/16" = 1'-0"



6 BLDG 4 WEST ELEVATION (PARKING LOT)
1/16" = 1'-0"



4 BLDG 4 NORTH ELEVATION - PRIVATE DRIVE (COLO
1/16" = 1'-0"



3 BLDG 4 WEST ELEVATION - PARKING LOT (COLOR)
1/16" = 1'-0"



9 BLDG 4 SOUTH ELEVATION (OLD CHAPEL HILL ROAI
1/16" = 1'-0"



8 BLDG 4 EAST ELEVATION (N WHITE OAK RD)
1/16" = 1'-0"

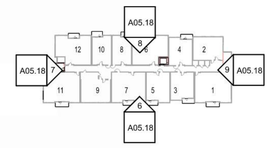


2 BLDG 4 SOUTH ELEVATION - OLD CHAPEL HILL ROAD (COLOR)
1/16" = 1'-0"



1 BLDG 4 EAST ELEVATION - N WHITE OAK RD (COLOR)
1/16" = 1'-0"

KEY PLAN - BUILDING 4



BLDG 4 EXTERIOR FINISH SCHEDULE

MARK	MATERIAL DESCRIPTION	MATERIAL SF	MATERIAL %
CEMENTITIOUS PANEL			
CPL	CERACLAD "ANTIQUE SAWN ASH" (LIGHT GRAY)	13345.61 SF	40%
FCBB	WOODTONE CHROMETALLICS "MYSTIC ASH"(LIGHT GRAY) ON SMOOTH FINISH FC PANEL	2659.77 SF	8%
FCL1	PAINT IN FIELD (WHITE, SW7017 EIDER WHITE)	196.32 SF	1%
FCP1	PAINT IN FIELD (WHITE, SW7017 EIDER WHITE)	2256.75 SF	7%
FCP2	PAINT IN FIELD (DARK GRAY, SW7069 IRON ORE)	5602.06 SF	17%
GLAZING			
GLZ 1	(GLAZING BY WINDOW MFR. REF TO SPECS BEFORE CHANGING THIS FIELD)	9365.95 SF	28%
		33426.47 SF	

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OVERALL ELEVATIONS - BUILDING 4

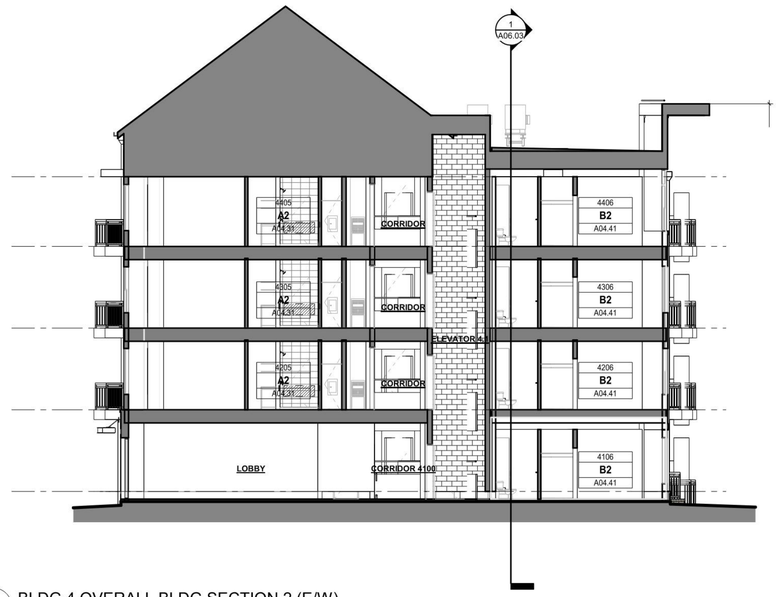
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2 BLDG 4 OVERALL BLDG SECTION 2 (E/W)

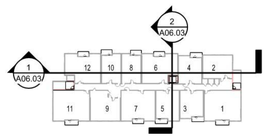
1/8" = 1'-0"



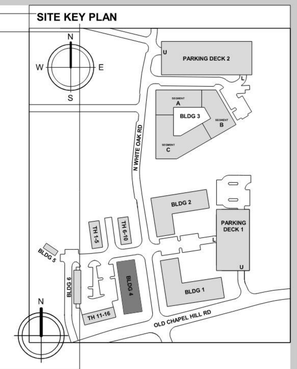
1 BLDG 4 OVERALL BLDG SECTION 1 (N/S)

1/8" = 1'-0"

KEY PLAN - BUILDING 4



SITE KEY PLAN



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SHEET NAME

OVERALL BUILDING SECTIONS 4

SHEET NUMBER

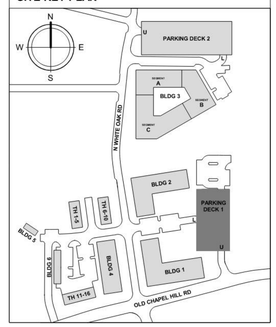
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SITE KEY PLAN

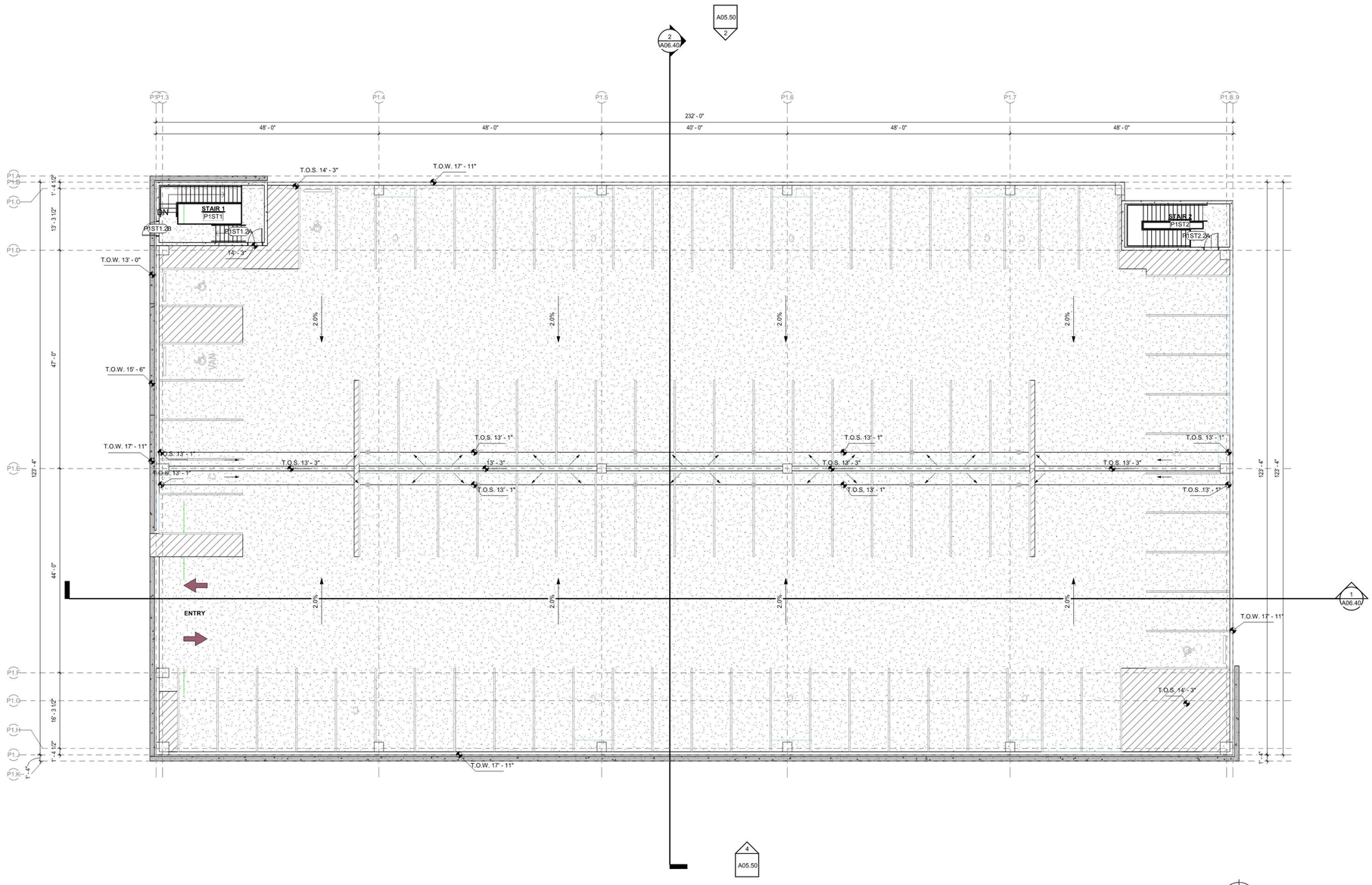


PARKING GARAGE 1 - VEHICULAR SPACE SCHEDULE

TYPE	ABBREVIATION	WIDTH	LENGTH	QUANTITY
LEVEL 2				
	VAN	8' - 0"	18' - 0"	1
	STND	8' - 6"	18' - 0"	80
	C	7' - 6"	15' - 6"	4
	C	8' - 6"	15' - 6"	7
	ADA	8' - 0"	18' - 0"	3
				95
LEVEL 1				
	STND	8' - 6"	18' - 0"	33
	EV-R	8' - 6"	18' - 0"	13
	EV-C	8' - 6"	18' - 0"	17
	EV VAN	11' - 0"	18' - 0"	2
	C	7' - 6"	15' - 6"	12
	ADA	8' - 0"	18' - 0"	1
				78
TOTAL PARKING:				173

GARAGE CONCRETE WALL LEGEND

- CAST-IN-PLACE CONCRETE WALL - SEE STRUCTURAL DRAWINGS
- PRECAST CONCRETE WALL BY PRECAST ENGINEER



A1 PARKING GARAGE 1 - LEVEL 2

1" = 10'-0"

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SHEET NAME

PARKING GARAGE 1 - OVERALL FLOOR PLAN - LEVEL 2

SHEET NUMBER

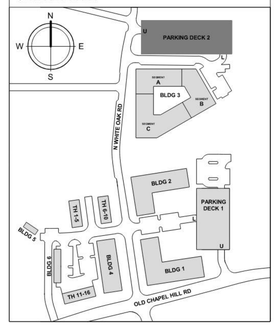
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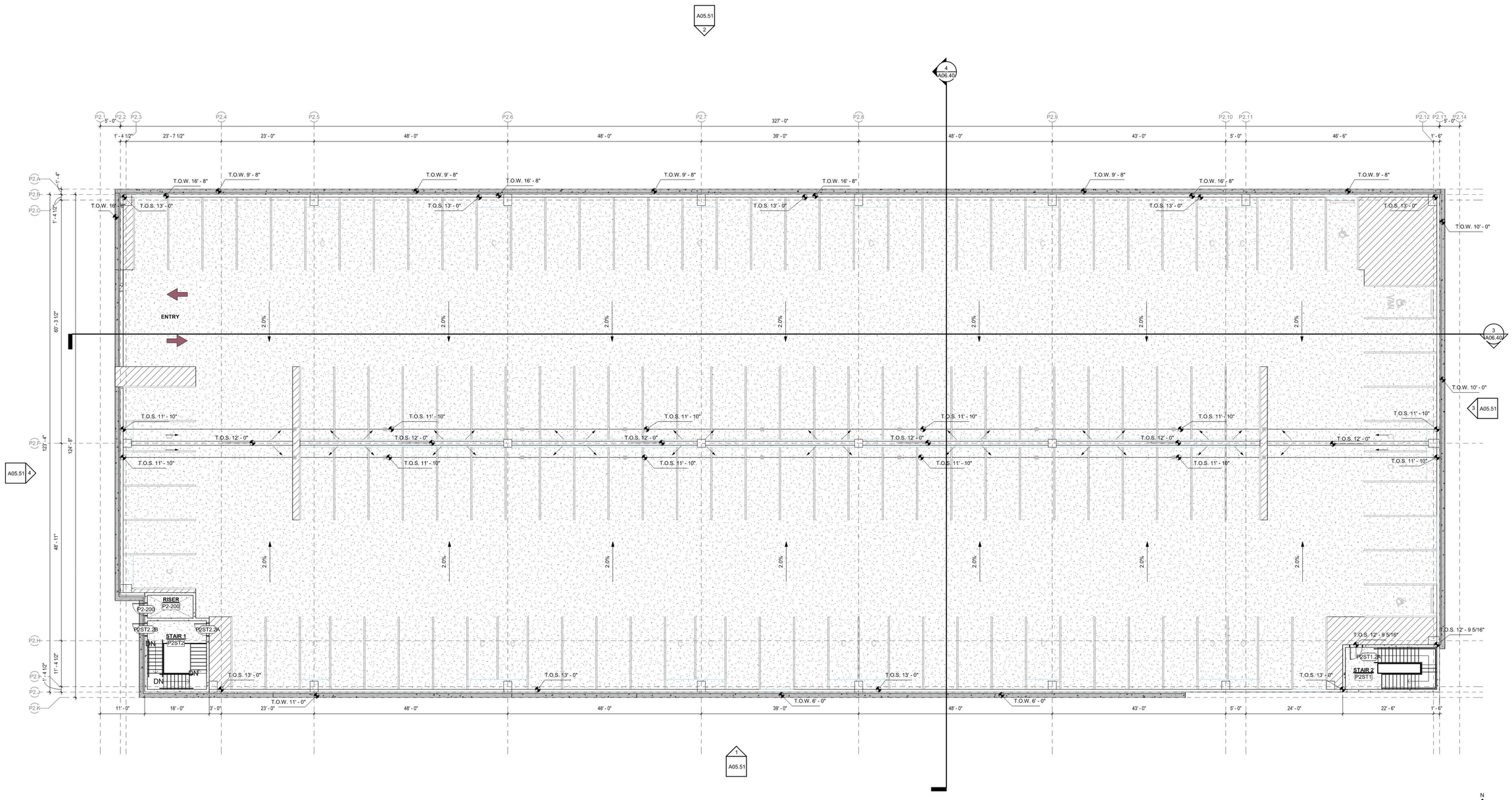


PARKING GARAGE 2 - VEHICULAR SPACE SCHEDULE

TYPE	ABBREVIATION	WIDTH	LENGTH	QUANTITY
LEVEL 2				
	VAN	8' - 0"	18' - 0"	1
	STND	8' - 6"	18' - 0"	116
	C	7' - 6"	15' - 6"	14
	C	8' - 6"	15' - 6"	7
	ADA	8' - 0"	18' - 0"	2
				140
LEVEL 1				
	STND	8' - 6"	18' - 0"	63
	EV-R	8' - 6"	18' - 0"	16
	EV-C	8' - 6"	18' - 0"	25
	EV VAN	11' - 0"	18' - 0"	1
	C	7' - 6"	15' - 6"	9
	C	8' - 6"	15' - 6"	7
	ADA	8' - 0"	18' - 0"	1
				122
TOTAL PARKING:				262

GARAGE CONCRETE WALL LEGEND

- CAST-IN-PLACE CONCRETE WALL - SEE STRUCTURAL DRAWINGS
- PRECAST CONCRETE WALL BY PRECAST ENGINEER



1 PARKING GARAGE 2 - LEVEL 2
1" = 10'-0"

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SHEET NAME

PARKING GARAGE 2 - OVERALL FLOOR PLAN - LEVEL 2

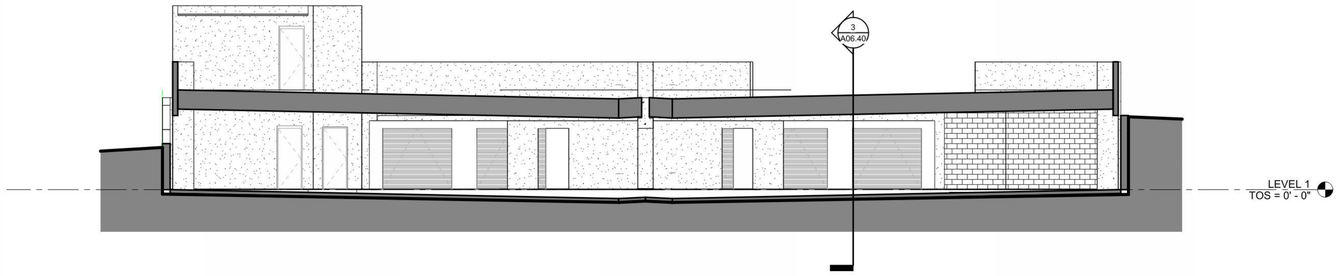
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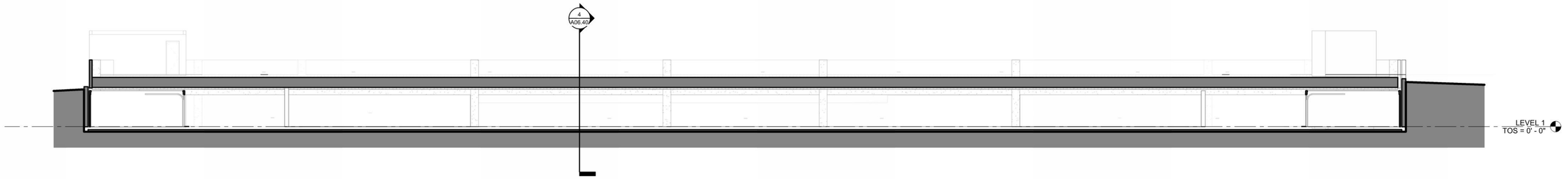
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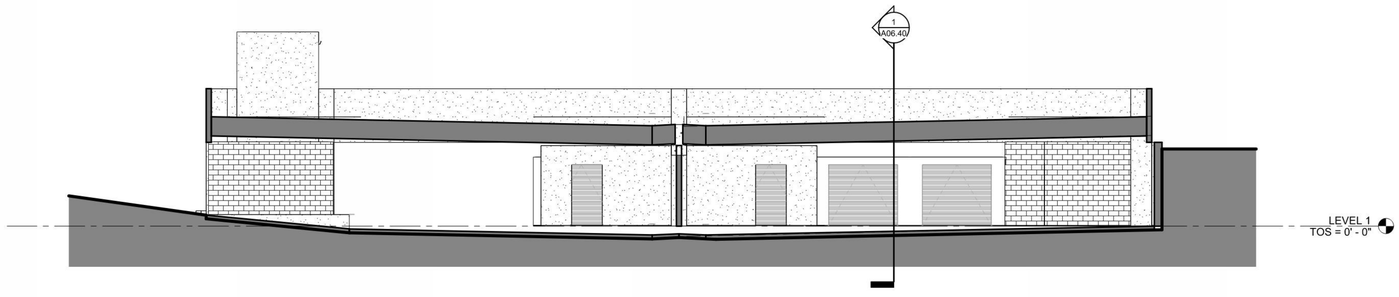
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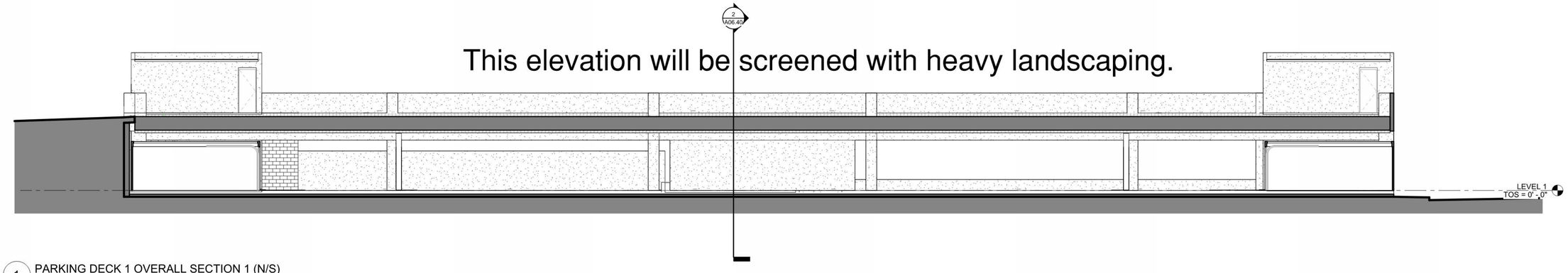
4 PARKING DECK 2 OVERALL SECTION 2 (N/S)
1/8" = 1'-0"



3 PARKING DECK 2 OVERALL SECTION 1 (E/W)
3/32" = 1'-0"



2 PARKING DECK 1 OVERALL SECTION 2 (E/W)
1/8" = 1'-0"



1 PARKING DECK 1 OVERALL SECTION 1 (N/S)
1/8" = 1'-0"

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PARKING GARAGE - OVERALL SECTIONS

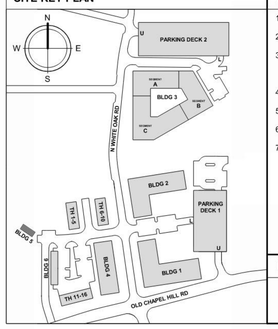
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Dogwash Building

SITE KEY PLAN



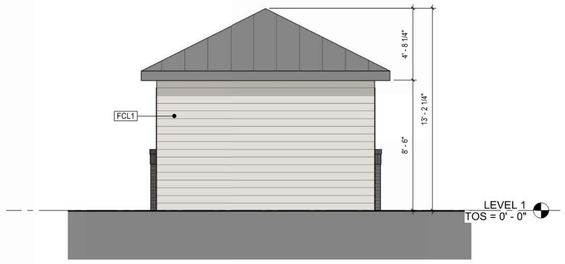
FLOOR PLAN NOTES

1. ALL DIMENSIONS ARE TO THE FACE OF STUD UNLESS OTHERWISE NOTED.
2. REFER TO SHEETS A00.70 ET SEQ. FOR PARTITION DETAILS.
3. REFER TO STRUCTURAL DRAWINGS FOR ALL EXTERIOR LOADBEARING WALLS. EXTERIOR LOADBEARING WALLS ARE TO BE CONSTRUCTED PER UL# U349 AND NON-LOADBEARING WALLS UL# U356
4. ALL TENANT SEPARATION WALL ARE 1-HR RATED PER UL# U341.
5. ALL CORRIDOR WALLS ARE 1-HR RATED PER UL# U305 UON.
6. SEE UNIT PLANS (A4 SERIES) FOR ADDITIONAL INFORMATION.
7. PIPE SAFETY GUARDS - PROVIDE GUARDS AROUND EVERY VERTICAL PIPE (STORM, SANITARY, ETC.) IN PARKING GARAGES TO PROTECT THE PIPES FROM DAMAGE.

SPRAY-APPLIED INSULATION UNDER ELEVATED CONCRETE TRANSFER SLAB - R-10 CI

UNIT TYPE LEGEND

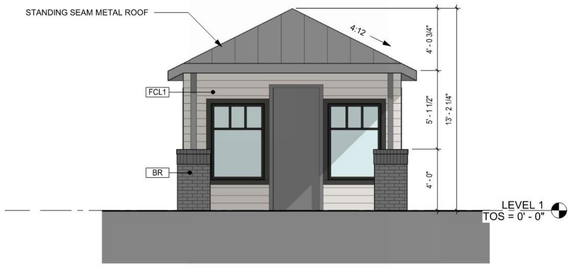
A1	A1.1	A1-ANSI A
BASE UNIT	UNIT VARIATION	MOBILITY ACCESSIBLE UNIT



2 BLDG 5 WEST ELEVATION
1/4" = 1'-0"



3 BLDG 5 SOUTH ELEVATION
1/4" = 1'-0"



4 BLDG 5 EAST ELEVATION
1/4" = 1'-0"



1 BLDG 5 FLOOR PLAN (PET SPA)
1/8" = 1'-0"

dwell design studio
3700 SOUTH BLVD
SUITE 300
CHARLOTTE, NC 28209
PHONE: 980.357.9075
dwelldesignstudio.com

CONSULTANT

DEVELOPER

ZOM LIVING

PROJECT: 2445303

OLD CHAPEL HILL ROAD APARTMENTS
TOWN OF CHAPEL HILL, NC

SUBMISSION

DATE	DESCRIPTION	REV
09/12/25	SCHEMATIC DESIGN SET	
11/21/25	DD PROGRESS SET	
12/19/25	100% DESIGN DEVELOPMENT	

DESIGN SEAL

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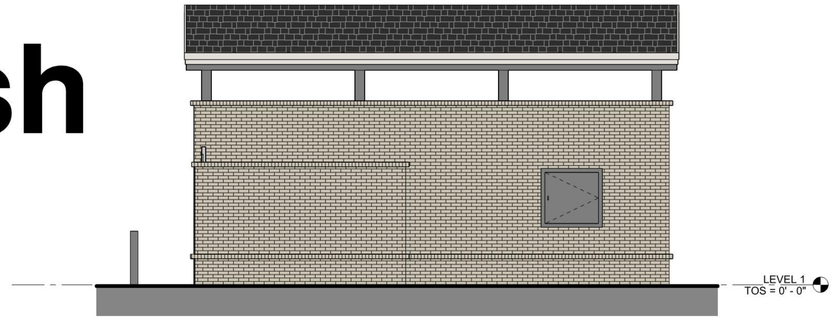
SHEET NAME
BUILDING 5
PLANS PET SPA

SHEET NUMBER
A03.15
NOT FOR CONSTRUCTION

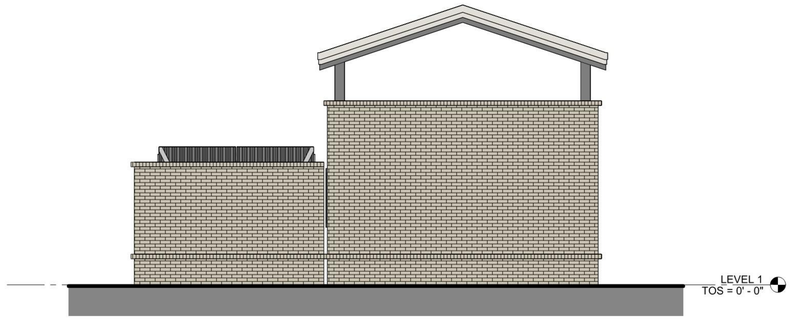
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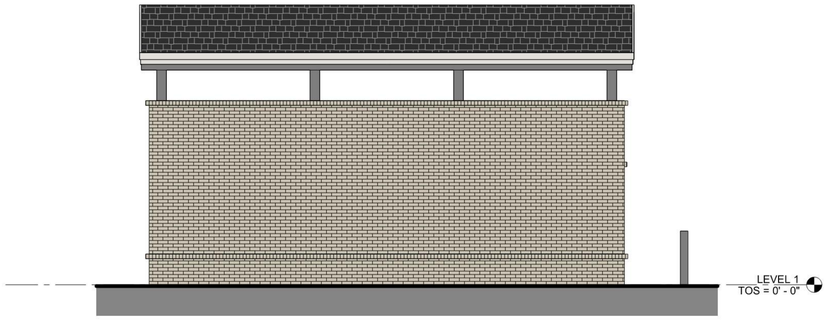
Trash



4 TRASH RECYCLING ENCLOSURE - EAST ELEVATION
1/4" = 1'-0"



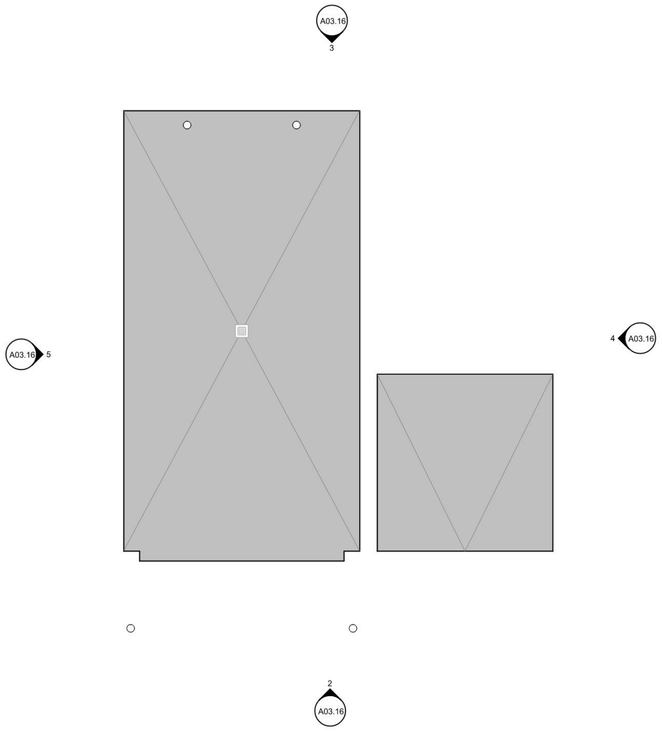
3 TRASH RECYCLING ENCLOSURE - NORTH ELEVATION
1/4" = 1'-0"



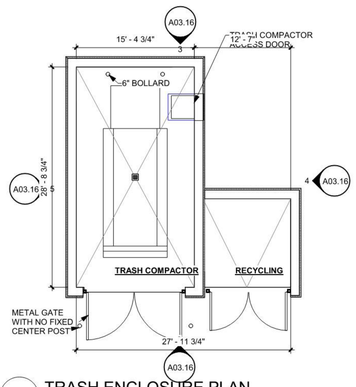
5 TRASH RECYCLING ENCLOSURE - WEST ELEVATION
1/4" = 1'-0"



2 TRASH RECYCLING ENCLOSURE - SOUTH ELEVATION
1/4" = 1'-0"



6 TRASH / RECYCLING ENCLOSURE - RESIDENTIAL - EDGE OF SLAB
1/4" = 1'-0"



1 TRASH ENCLOSURE PLAN
1/8" = 1'-0"

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DESIGN SEAL

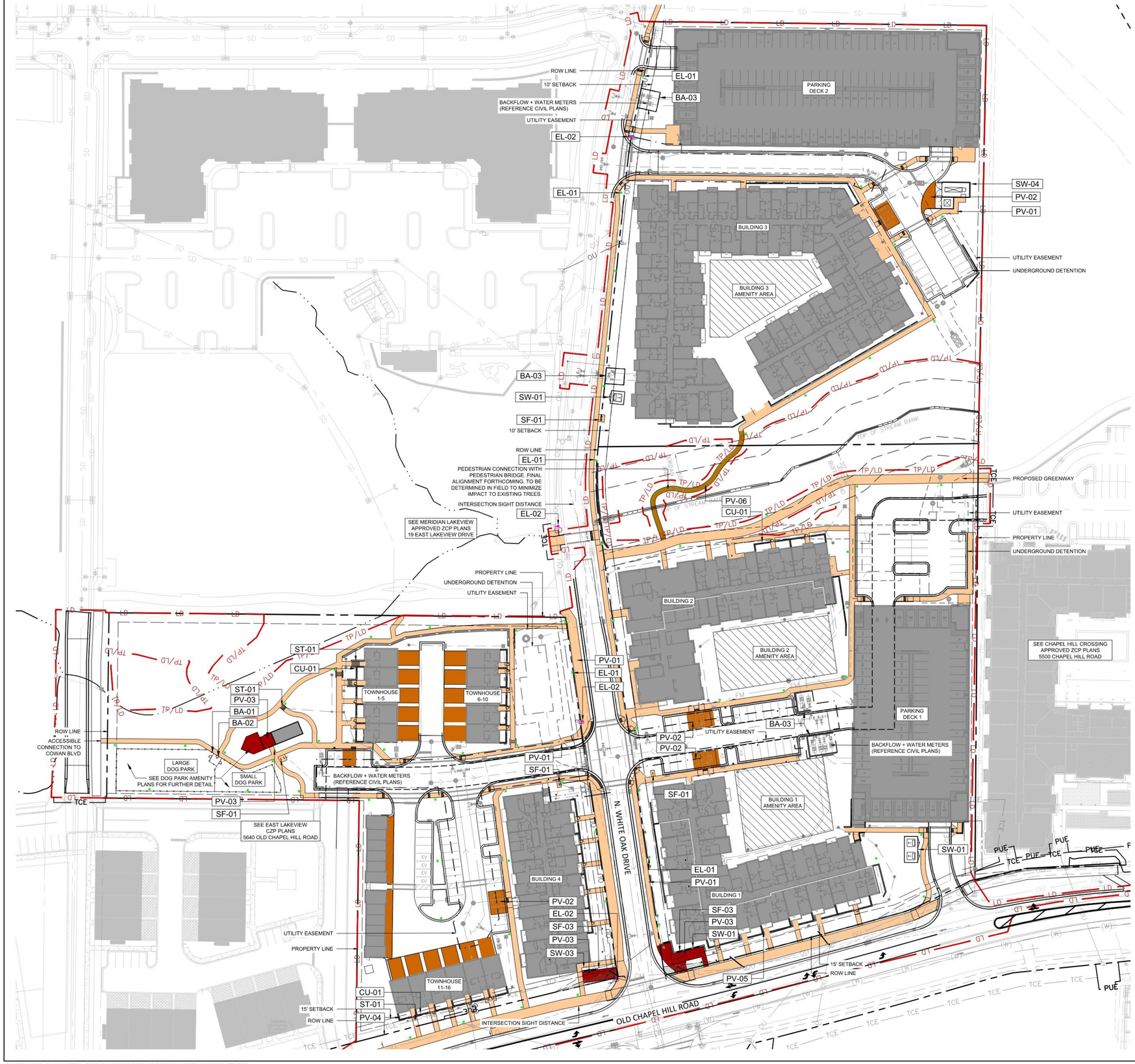
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SHEET NAME
TRASH ENCLOSURE PLANS

SHEET NUMBER
A03.16
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REFERENCE NOTES SCHEDULE

SYMBOL	CODE	DESCRIPTION	DETAIL
BARRIERS, FENCING, RAILINGS			
	BA-01	DOG PARK FENCE	04/L-3.02
	BA-02	DOG PARK GATE	05/L-3.02
	BA-03	DECORATIVE UTILITY ENCLOSURE	
CUSTOM ELEMENTS			
	CU-01	FRONT YARD WALLS AND FENCING	07/L-3.02
ELECTRICAL, SITE LIGHTING			
	EL-01	PED LIGHT	08/L-3.03
	EL-02	ROADWAY LIGHT FIXTURE	09/L-3.03
PAVEMENTS			
	PV-01	PEDESTRIAN CONCRETE	01/L-3.00
	PV-02	VEHICULAR CONCRETE	02/L-3.01
	PV-03	PEDESTRIAN PAVERS	04/L-3.01
	PV-04	SYNTHETIC TURF	07/L-3.01
	PV-05	2"-4" WASHED SMOOTH RIVER STONE	
	PV-06	DECOMPOSED GRANITE	
SITE FURNITURE			
	SF-01	BIKE RACK	01/L-3.03
	SF-03	BENCH	03/L-3.03
STEPS			
	ST-01	CIP STEPS W/ HANDRAIL	09/L-3.01
SITE WALLS, EMBANKMENTS			
	SW-01	TRANSFORMER ENCLOSURE	02/L-3.02
	SW-03	FREE STANDING BLOCK WALL - BRICK VENEER	
	SW-04	TRASH ENCLOSURE	02/L-3.02

NOTES:

1. FINAL DRAIN LOCATIONS TO BE COORDINATED WITH CIVIL ENGINEER THROUGH PLAN REFINEMENTS AND FINE GRADING

LandDesign.
223 NORTH GRAHAM STREET
CHARLOTTE, NC 28202
704.333.0325
WWW.LANDDESIGN.COM

KEY MAP

SEAL

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PROJECT

OLD CHAPEL HILL RD

ZOM

11 WHITE OAK DRIVE

CHAPEL HILL, NC

LANDDESIGN PROJ.#

1024206

REVISION / ISSUANCE

NO.	DESCRIPTION	DATE
	DESIGN DEVELOPMENT	12.19.2025

SCALE

NORTH

VERT: N/A
HORZ: 1" = 50' _XREF

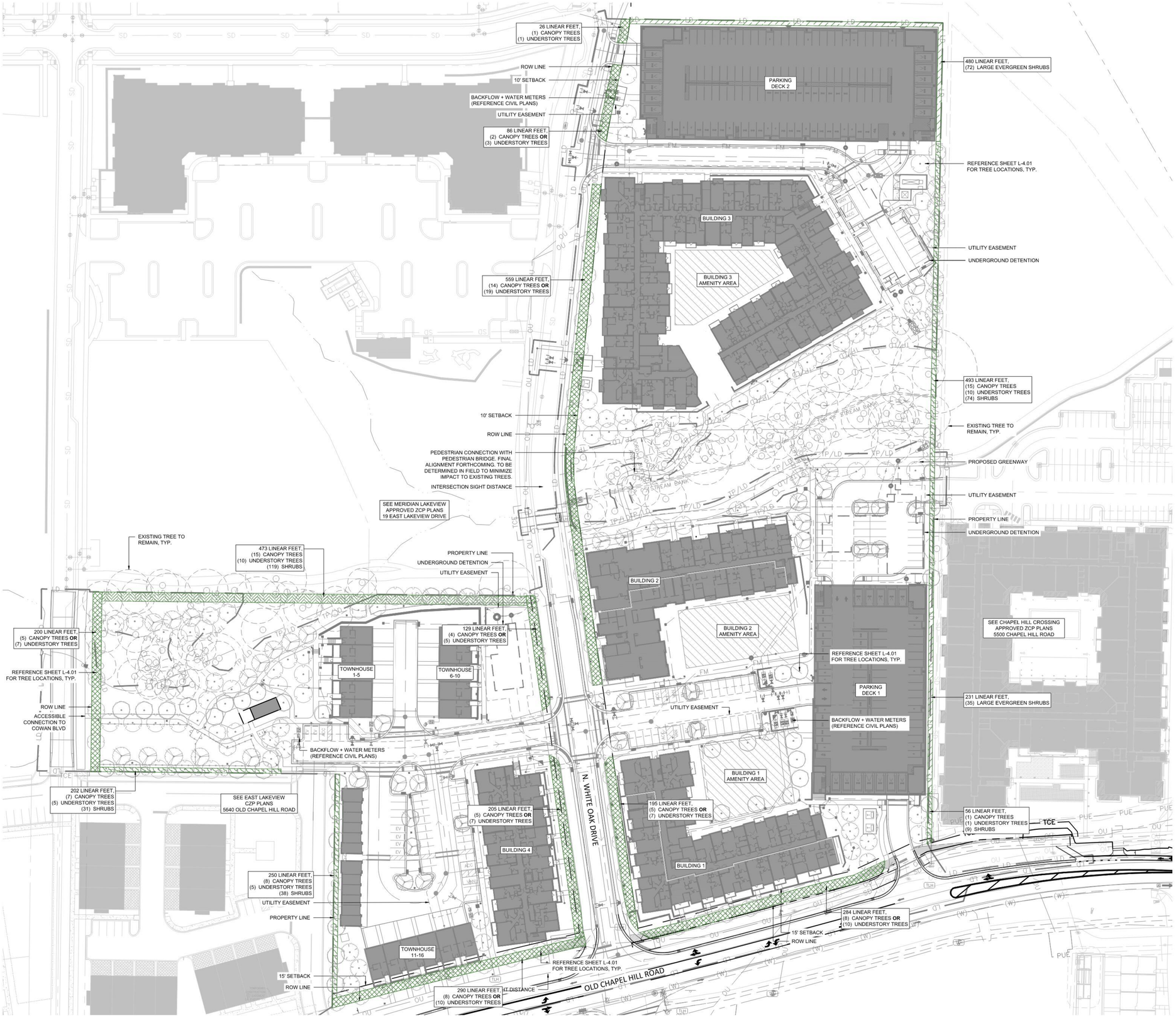
0 25 50 100

SHEET TITLE

MATERIALS PLAN

SHEET NUMBER

L-2.00



BUFFER REQUIREMENTS:

- 5' MODIFIED TYPE 'B1' BUFFER (REQUIREMENTS PER 100 LINEAR FEET)
  - 3 CANOPY TREES
  - 2 UNDERSTORY TREES
  - 15 SHRUBS
- 5' MODIFIED TYPE 'B2' BUFFER (REQUIREMENTS PER 100 LINEAR FEET)
  - 15 LARGE EVERGREEN SHRUBS
- 10' MODIFIED TYPE 'B1' BUFFER (REQUIREMENTS PER 100 LINEAR FEET)
  - 3 CANOPY TREES
  - 2 UNDERSTORY TREES
  - 25 SHRUBS
- 10' MODIFIED TYPE 'B2' BUFFER
  - 1 LARGE CANOPY TREE 40' O.C. **OR**
  - 1 SMALL UNDERSTORY TREE 30' O.C. UNDER OVERHEAD UTILITY

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HORZ: 1"=50'_XREF

0 25 50 100

SHEET TITLE

BUFFER PLAN

SHEET NUMBER

L-4.00



PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME
SMALL MATURING TREES			
	ATG	ACER TATARICUM GINNALA	AMUR MAPLE
	AGA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE APPLE SERVICEBERRY
	MAG JIM	MAGNOLIA VIRGINIANA `JIM WILSON'	MOONGLOW® SWEETBAY MAGNOLIA
CANOPY TREES			
	AFM	ACER X FREEMANII 'ARMSTRONG'	ARMSTRONG FREEMAN MAPLE
	CBC	CARPINUS BETULUS 'COLUMNARIS'	COLUMNAR EUROPEAN HORNBEAM
	MGF	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA
	NYL	NYSSA SYLVATICA `NSUHH'	GREEN GABLE™ TUPELO
	QPH	QUERCUS PHELLOS	WILLOW OAK
	UPA	ULMUS PARVIFOLIA 'ALLEE'	CHINESE ELM

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME
DECIDUOUS SHRUBS			
	HPW	HYDRANGEA PANICULATA 'WIMS RED'	FIRE AND ICE® PANICLE HYDRANGEA
EVERGREEN SHRUBS			
	CSO	CAMELLIA SASANQUA 'OCTOBER MAGIC RUBY'	OCTOBER MAGIC RUBY CAMELLIA
	DBC	DISTYLIUM X 'PIIDIST-II'	BLUE CASCADE® DISTYLIUM
	ICC	ILEX CORNUTA 'CARISSA'	CARISSA CHINESE HOLLY
	IVN	ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY
	IRH	ILEX X 'RUTHOL 1'	EMERALD COLONNADE® HOLLY
	JVT	JUNIPERUS VIRGINIANA 'TAYLOR'	TAYLOR JUNIPER
	TOA	THUJA OCCIDENTALIS 'ART BOE'	NORTH POLE® ARBORVITAE

TREE CANOPY COVERAGE CALCULATIONS:

REQUIREMENT:
(30% MINIMUM TREE CANOPY COVERAGE OF NET LAND AREA)

NET LAND AREA

GROSS LAND AREA:	536,539 SF
NET LAND AREA:	524,288 SF

30% TREE CANOPY COVERAGE

NET LAND AREA:	524,288 SF
30%:	x0.30
MIN. TREE CANOPY COVERAGE REQUIREMENT:	157,287 SF

TREE CANOPY COVERAGE DEFICIT

TREE CANOPY COVERAGE REQUIREMENT:	157,287 SF
AREA TO REMAIN UNDISTURBED:	-49,097 SF
TREE CANOPY COVERAGE DEFECIT:	108,190 SF

CANOPY REPLACEMENT CALCULATIONS
REQUIREMENT:
(ONE LARGE TREE PER 500 SF OF TREE CANOPY COVERAGE DEFICIT)

TREE CANOPY COVERAGE DEFICIT:	108,964 SF
LARGE TREE REPLACEMENT REQUIRED:	217 TREES
REPLACEMENT TREES PROVIDED:	217 TREES

NOTE: ALL CANOPY TREES PLANTED IN ACCORDANCE WITH THE TOWN'S DESIGN MANUAL TO MEET THE TOWN'S BUFFER AND PARKING LOT SHADING STANDARDS TO ALSO BE COUNTED TOWARDS THE REPLACEMENT TREE CANOPY NEEDED TO MEET THE MINIMUM REQUIRED SITE TREE CANOPY COVERAGE.

LEGEND:

PRESERVED CANOPY AREA

NOTE:
1. ALL PLANTING AREAS TO BE IRRIGATED
2. SEE SHEET L-4.03 FOR SUPPLEMENTAL / NON-REQUIRED PLANTING PLAN

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ZOM

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CHAPEL HILL, NC

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1024206

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SCALE
VERT: N/A
HORZ: 1:50_XREF
0 25 50 100

NORTH

SHEET TITLE
REQUIRED PLANTING PLAN

SHEET NUMBER
L-4.01



PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MIN. CONT.	REMARKS
SHRUB AREAS					
	SOD	CYNODON DACTYLON X CYNODON TRANSVAALENSIS	TIFTUF BERMUDA SOD	-	
	SGC	SHRUB AND GROUNDCOVER	SHRUB AND GROUNDCOVER	-	25% 1 GAL 25% 3 GAL 50% 5-7 GAL

NOTE:
1. ALL PLANTING AREAS TO BE IRRIGATED

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HORZ: 1:50_XREF

0 25 50 100

SHEET TITLE

SUPPLEMENTAL PLANTING PLAN

SHEET NUMBER

L-4.03

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MIN. CONT.	MIN. CAL.	MIN. HT.	QTY	REMARKS
SMALL MATURING TREES								
	ATG	ACER TATARICUM GINNALA	AMUR MAPLE	B&B	1.5"	08'	25	SINGLE-STEM FULL SPECIMEN W/ STRONG CENTRAL LEADER, UNIFORM BRANCHING W/ FULL UNIFORM CROWN, MATCHED SPECIMEN
	AGA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE APPLE SERVICEBERRY	B&B	1.5"	08'	18	UNIFORM BRANCHING W/ FULL UNIFORM CROWN, MATCHED SPECIMEN, 3-5 CANES
	MAG JIM	MAGNOLIA VIRGINIANA `JIM WILSON`	MOONGLOW® SWEETBAY MAGNOLIA	B&B	1.5"	08'	13	UNIFORM BRANCHING W/ FULL UNIFORM CROWN, MATCHED SPECIMEN, 3-5 CANES
CANOPY TREES								
	AFM	ACER X FREEMANII 'ARMSTRONG'	ARMSTRONG FREEMAN MAPLE	B&B	2.5"	08'	32	FULL SPECIMEN W/ STRONG CENTRAL LEADER, UNIFORM BRANCHING W/ FULL UNIFORM CROWN, MATCHED SPECIMEN
	CBC	CARPINUS BETULUS 'COLUMNARIS'	COLUMNAR EUROPEAN HORNBEAM	B&B	2.5"	08'	34	FULL SPECIMEN W/ STRONG CENTRAL LEADER, UNIFORM BRANCHING W/ FULL UNIFORM CROWN, MATCHED SPECIMEN
	MGF	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	B&B	2.5"	08'	13	FULL SPECIMEN W/ STRONG CENTRAL LEADER, UNIFORM BRANCHING W/ FULL UNIFORM CROWN, MATCHED SPECIMEN
	NYL	NYSSA SYLVATICA `NSUHH`	GREEN GABLE™ TUPELO	B&B	2.5"	08'	47	FULL SPECIMEN W/ STRONG CENTRAL LEADER, UNIFORM BRANCHING W/ FULL UNIFORM CROWN, MATCHED SPECIMEN
	QPH	QUERCUS PHELLOS	WILLOW OAK	B&B	2.5"	08'	33	FULL SPECIMEN W/ STRONG CENTRAL LEADER, UNIFORM BRANCHING W/ FULL UNIFORM CROWN, MATCHED SPECIMEN
	UPA	ULMUS PARVIFOLIA 'ALLEE'	CHINESE ELM	B&B	2.5"	08'	58	FULL SPECIMEN W/ STRONG CENTRAL LEADER, UNIFORM BRANCHING W/ FULL UNIFORM CROWN, MATCHED SPECIMEN

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	MIN. CONT.	SPACING	MIN. HT.	QTY	REMARKS
DECIDUOUS SHRUBS								
	HPW	HYDRANGEA PANICULATA 'WIMS RED'	FIRE AND ICE® PANICLE HYDRANGEA	-	AS SHOWN	24"	218	UNIFORM CROWN, FULL FORM, HEALTHY AND WELL ESTABLISHED/ROOTED IN CONTAINER, DISPLAYING VIGOROUS GROWTH
EVERGREEN SHRUBS								
	CSO	CAMELLIA SASANQUA 'OCTOBER MAGIC RUBY'	OCTOBER MAGIC RUBY CAMELLIA	-	AS SHOWN	24"	101	UNIFORM CROWN, FULL FORM, HEALTHY AND WELL ESTABLISHED/ROOTED IN CONTAINER, DISPLAYING VIGOROUS GROWTH
	DBC	DISTYLIUM X 'PIIDIST-II'	BLUE CASCADE® DISTYLIUM	-	AS SHOWN	24"	209	UNIFORM CROWN, FULL FORM, HEALTHY AND WELL ESTABLISHED/ROOTED IN CONTAINER, DISPLAYING VIGOROUS GROWTH
	ICC	ILEX CORNUTA 'CARISSA'	CARISSA CHINESE HOLLY	-	AS SHOWN	24"	121	UNIFORM CROWN, FULL FORM, HEALTHY AND WELL ESTABLISHED/ROOTED IN CONTAINER, DISPLAYING VIGOROUS GROWTH
	IVN	ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY	-	AS SHOWN	24"	88	UNIFORM CROWN, FULL FORM, HEALTHY AND WELL ESTABLISHED/ROOTED IN CONTAINER, DISPLAYING VIGOROUS GROWTH
	IRH	ILEX X 'RUTHOL 1'	EMERALD COLONNADE® HOLLY	-	AS SHOWN	48"	30	UNIFORM CROWN, FULL FORM, HEALTHY AND WELL ESTABLISHED/ROOTED IN CONTAINER, DISPLAYING VIGOROUS GROWTH
	JVT	JUNIPERUS VIRGINIANA 'TAYLOR'	TAYLOR JUNIPER	-	AS SHOWN	48"	33	UNIFORM CROWN, FULL FORM, HEALTHY AND WELL ESTABLISHED/ROOTED IN CONTAINER, DISPLAYING VIGOROUS GROWTH
	TOA	THUJA OCCIDENTALIS 'ART BOE'	NORTH POLE® ARBORVITAE	-	AS SHOWN	48"	46	UNIFORM CROWN, FULL FORM, HEALTHY AND WELL ESTABLISHED/ROOTED IN CONTAINER, DISPLAYING VIGOROUS GROWTH

LandDesign.
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KEY MAP

SEAL

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PROJECT

OLD CHAPEL HILL RD

ZOM

11 WHITE OAK DRIVE

CHAPEL HILL, NC

LANDDESIGN PROJ.#
1024206

REVISION / ISSUANCE

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SCALE
VERT: N/A
HORZ: N/A

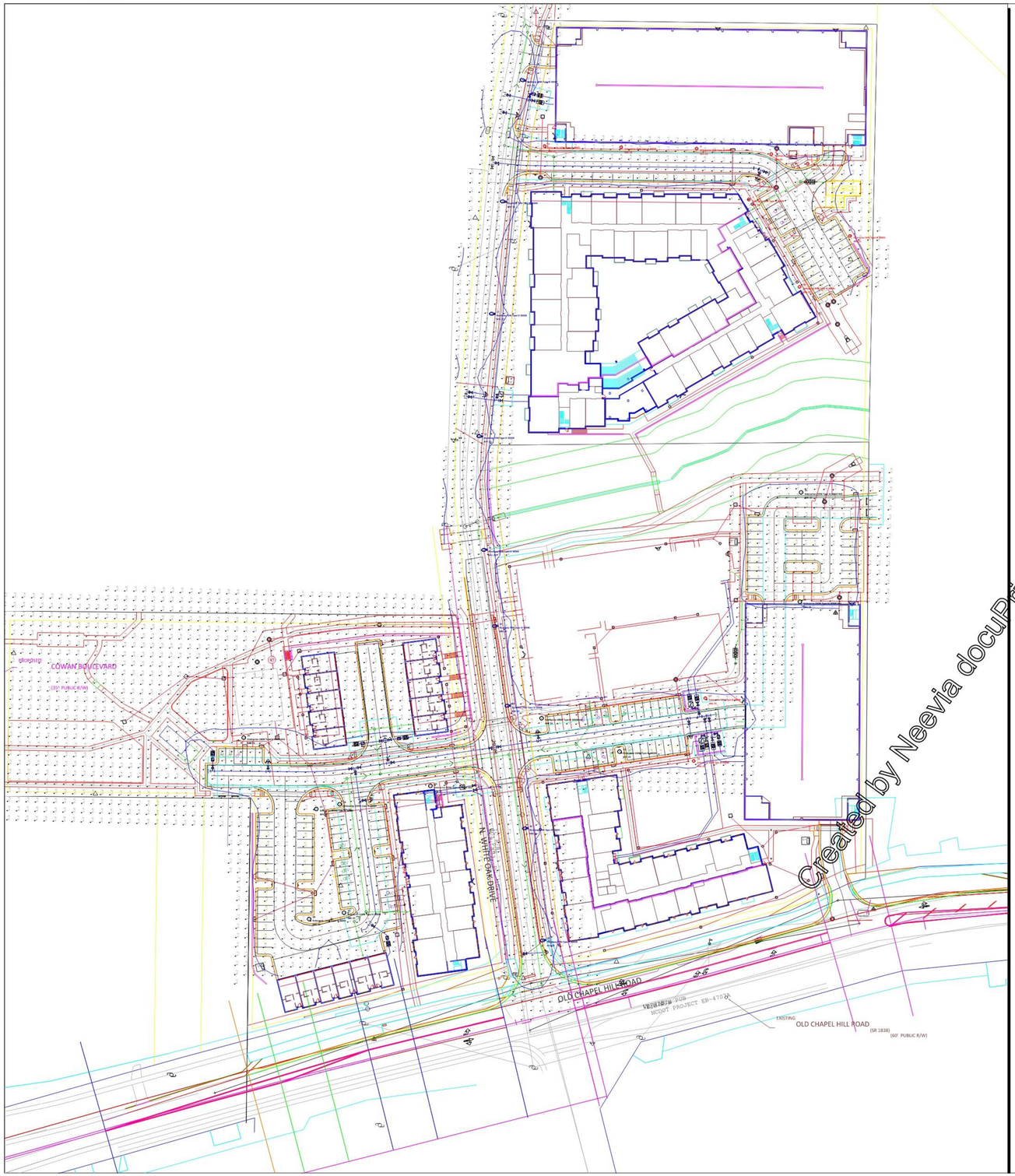
NORTH

SHEET TITLE

PLANTING SCHEDULE

SHEET NUMBER

L-4.02



Luminaire Schedule

Symbol	Qty	Label	Arrangement	Description	Mounting Height	BUG Rating	LLF
	5	Enterprise 150W Type IV 3000K	Single	PMM-SA3C-730-U-T4W-154W	25	B3-U0-G3	0.900
	10	Enterprise 50W Type III 3000K	Single	PMM-SA1B-730-U-SL3	25	B1-U0-G1	0.900
	5	Enterprise 150W Type IV 3000K HSS	Single	PMM-SA3C-730-U-T4W-HSS-154W	25	B1-U0-G3	0.900
	9	Roadway 70W Type III 3000K	Single	ATBMIC P156 R3 3K 2021	25	B1-U0-G2	0.900

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Site	Illuminance	Fc	0.59	3.0	0.0	N.A.	N.A.

Luminaire Location Summary

LumNo	Label	Orient	X	Y
1	Roadway 70W Type III 3000K	169.992	2000300.328	800000.974
2	Enterprise 50W Type III 3000K	269.71	2000323.019	799930.1
3	Enterprise 50W Type III 3000K	269.377	2000405.495	799928.816
4	Enterprise 50W Type III 3000K	271.909	2000486.891	799927.416
5	Enterprise 50W Type III 3000K	245.697	2000567.347	799921.386
6	Enterprise 50W Type III 3000K	293.458	2000606.424	799910.949
7	Enterprise 50W Type III 3000K	28.678	2000543.003	799872.435
8	Roadway 70W Type III 3000K	175.486	2000279.127	799870.246
9	Enterprise 50W Type III 3000K	211.079	2000652.024	799833.164
10	Enterprise 50W Type III 3000K	29.476	2000597.777	799778.417
11	Roadway 70W Type III 3000K	176.285	2000267.379	799749.244
12	Roadway 70W Type III 3000K	175.962	2000253.877	799617.247
13	Enterprise 150W Type IV 3000K HSS	271.055	2000599.432	799556.869
14	Roadway 70W Type III 3000K	184.764	2000258.871	799494.928
15	Enterprise 150W Type IV 3000K HSS	89.744	2000598.153	799438.979
16	Roadway 70W Type III 3000K	183.764	2000270.561	799412.84
17	Enterprise 50W Type III 3000K	277.994	2000496.301	799335.059
18	Roadway 70W Type III 3000K	183.424	2000284.033	799326.925
19	Enterprise 150W Type IV 3000K HSS	278.129	2000319.854	799313.537
20	Enterprise 150W Type IV 3000K HSS	270	1999999.008	799292.558
21	Enterprise 150W Type IV 3000K	99.463	2000403.85	799277.539
22	Enterprise 50W Type III 3000K	96.888	2000483.754	799267.456
23	Enterprise 150W Type IV 3000K HSS	98.708	2000200.171	799240.614
24	Enterprise 150W Type IV 3000K	5.668	2000102.349	799220.804
25	Enterprise 150W Type IV 3000K	180.787	2000077.196	799215.723
26	Roadway 70W Type III 3000K	185.872	2000302.93	799194.904
27	Enterprise 150W Type IV 3000K	9.079	2000107.05	799103.901
28	Enterprise 150W Type IV 3000K	177.469	2000069.491	799097.118
29	Roadway 70W Type III 3000K	188.181	2000321.915	799074.288

HSS = House Side Shield

Created by Neevia docuPrinter Pro v7.3.0.0

Proprietary & Confidential

This document together with the concepts and designs presented herein, presented as a instrument of service, is the sole property of Duke Energy, and is intended only for the specific purpose andprospective client as stated in the title block of this drawing. Any use, copying, reproduction or disclosure of the drawing, design, or any information contained herein by the prospective customer or other entities, including without limitation, architects, engineers, or OEMis hereby expressly prohibited and shall not be permitted absent prior written consent from, and payment of compensation to Duke Energy. Duke Energy disclaims any liability or responsibility for any unauthorized use of or reliance on this document.

Lighting Design Tolerance

The calculated footcandle light levels in this lighting design are predicted values and are based on specific information that has been supplied to Duke Energy. Any inaccuracies in the supplied information, difference in luninaire installation, lighted area geometry including elevation differences, reflective properties of surrounding surfaces, obstructiuons (foliage or otherwise) in the lighted area, or lighting from sources other than listed in this design may produce different results from the predicted values. Normaltolerances of voltage, LED output, and LED driver and luminaire manufacturer will also affect results.

Outdoor Lighting

DUKE ENERGY®

#	Date	Comments

Revisions

Drawn By: Joseph Lane (ODL Program Mgr)
Checked By:
Date:1/12/2026
Scale: 1"= 60'

OCHRA - 5520 Old Chapel Hill Rd

Durham NC - WO 60187890

Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	







Streetworks

PMM MESA

Decorative Area Luminaire

Product Features

WaveLinx PRO

Light ARchitect™

Interactive Menu

- Order Information page 2
- Optical Distributions page 3
- Product Specifications page 4
- Energy & Performance data page 5
- Control Options page 13

Product Certifications

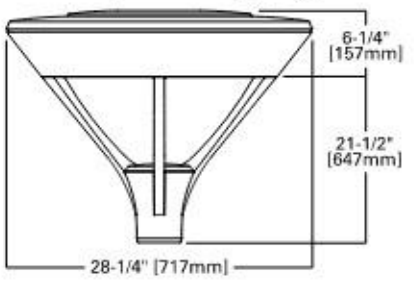
ISO CERTIFIED · UL CERTIFIED · DLC LISTED · DLC LISTED PREMIUM · RoHS COMPLIANT · IP66 · 1.5G VIB · 5 YEAR · CLASS A CAN ICES-005

Quick Facts

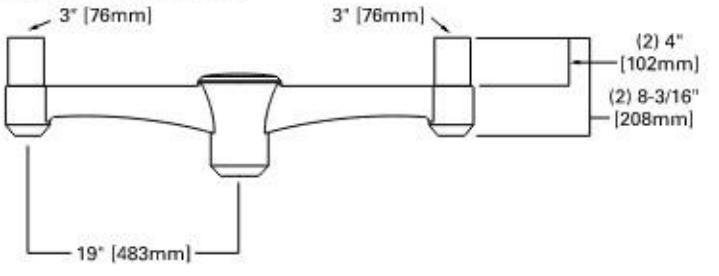
- Die-cast aluminum housing and door
- Lumens packages ranging from 3,000 - 29,000 lumens
- Choice of 13 high-efficiency, patented AccuLED Optics™
- Base casting slip fits over a standard 3" O.D. tenon
- Wall, single and dual-mount configurations available
- 10kV/10vkA surge protection standard
- LED fixture features a five-year warranty

Dimensional and Mounting Details

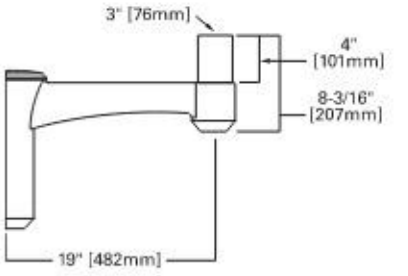
FIXTURE (EPA 1.1 / 50 lbs [22.7kg])



Twin mount arm (EPA 1.36)



WALL MOUNT ARM (15 lbs [8.8 kg])



Ordering Information

SAMPLE NUMBER: **PMM-SA4A-740-U-T3-GM**

Product Family [1,2]	Light Engine		Color Temperature	Voltage	Distribution	Finish [5]
	Configuration	Drive Current				
PMM=Mesa **BAA-PMM**=Mesa Buy American Act [25] **TAA-PMM**=Mesa Trade Agreement Act Compliant [25]	**SA1**=1 Square **SA2**=2 Squares **SA3**=3 Squares **SA4**=4 Squares	**A**=615mA **B**=800mA **C**=1050mA(1A) **D**=1200mA(1.2A)	**722**=70CRI, 2200K **727**=70CRI, 2700K **730**=70CRI, 3000K **735**=70CRI, 3500K **740**=70CRI, 4000K **750**=70CRI, 5000K **760**=70CRI,6000K **827**=80CRI, 2700K **830**=80CRI, 3000K **835**=80CRI, 3500K **840**=80CRI, 4000K **850**=80CRI, 5000K **927**=90CRI, 2700K **930**=90CRI, 3000K **935**=90CRI, 3500K **940**=90CRI, 4000K **950**=90CRI, 5000K **AMB**=590nm, Amber [23,24]	**U**=Universal (120-277V) **9**=347V **8**=480V [3] **H**=347-480V [3,27]	**T2**=Type II **T3**=Type III **T4FT**=Type IV Forward Throw **T4W**=Type IV Wide **SL2**=Type II w/Spill Control **SL3**=Type III w/Spill Control **SL4**=Type IV w/Spill Control **SLL**=90 Spill Light Eliminator Left **SLR**=90 Spill Light Eliminator Right **RW**=Rectangular Wide Type I **5NQ**=Type V Square Narrow **5MQ**=Type V Square Medium **5WQ**=Type V Square Wide	**AP**=Grey **BK**=Black **BZ**=Bronze **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White **CC**=Coastal Construction

Options (Add as Suffix)		Accessories (Order Separately) [16]
10MSP=10kV MOV Surge Protection Device **20K**=20kV UL 1449 Fused Surge Protection Device **20MSP**=20kV MOV Surge Protection Device **3**=Three Position Terminal Block **2L**=UL Listed / CSA Certified [6,7] **DIM**=External 0-10V Dimming Leads **EBP**=Emergency Battery Pack [8,22] **CBP**=Cold Weather Emergency Battery Pack [8,22] **CC**=Coastal Construction [9] **UL**=UL Listed / CSA Certified **HSS**=House Side Shield [10] **HA**=50°C High Ambient Temperature **IH**=Internal Dome Hinge [7] **LCF**=Light Square Trim Plate Painted to Match Housing **DALI**=DALI Driver [11] **BPC**=Button Type Photocontrol, 120-277V [26]	**PR**=NEMA 3-PIN Twistlock Photocontrol Receptacle **PR7**=NEMA 7-PIN Twistlock Photocontrol Receptacle **LLPC**=Long Life Twistlock NEMA Photocontrol [12] **MS/DIM-L08**=Motion Sensor for Dimming Operation, Up to 8' Mounting Height [11,13] **MS/DIM-L20**=Motion Sensor for Dimming Operation, 9' - 20' Mounting Height [11,13] **MS/DIM-L40**=Motion Sensor for Dimming Operation, 21' - 40' Mounting Height [11,13] **LWR-LW**=Enlighted Sensor, 8'-16' MH [11,13,14] **LWR-LN**=Enlighted Sensor, 16'-40' MH [11,13,14] **WPS2XX**=WaveLinx PRO, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting [15,16,17] **WPS4XX**=WaveLinx PRO, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting [15,16,17] **Dxxxxx**=DOT Configuration - Contact Quotes Team **Uxxxxx**=Utility Configuration - Contact Quotes Team	**SA6028-XX**=Dual Mount Arm [2] **SA6029-XX**=Wall Mount Arm [2] **OA/RA1013**=Photocontrol Shorting Cap **OA/RA1016**=NEMA Photocontrol - Multi-Tap **OA/RA1027**=NEMA Photocontrol - 480V **OA/RA1201**=NEMA Photocontrol - 347V **OA1223**=10kV Circuit Module Replacement **FSIR-100**=Wireless Configuration Tool for Motion Sensor [19] **LS/HSS**=House Side Shield [10,20] **WOLC-7P-10A**=WaveLinx Outdoor Control Module [21]

NOTES:

1. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
2. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
3. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
4. Not available with sensor options at 1.2A drive current. Not available in combination with HA high ambient and sensor options at 1A drive current.
5. Custom and RAL color matching available upon request. Consult your lighting representative at Cooper Lighting Solutions for more information.
6. Not available with LWR or WPS sensor options. Not available with SA1 light square configuration. 2L is with MS/DIM sensors only available with UNV voltage.
7. Not available with EBP or CBP battery pack options.
8. Not available with high ambient (HA), high voltage (8 or 9), or 1.2A drive current configurations. Universal voltage (UNV) and drive currents 1A and lower only. Rated to maximum 25C ambient operating temperatures.
9. Salt spray tested to 5,000hrs per ASTM B117. Scribe rating of 9 per ASTM D1654.
10. House side shield not for use with 5NQ, 5MQ, 5WQ, or RW distributions. The Light Square trim plate is painted black when the HSS option is selected.
11. Utilizes internal step-down transformer when 347V or 480V is selected.
12. Requires PR or PR7 photocontrol receptacle option.
13. Controls system is not available with photocontrol (BPC), photocontrol receptacle (PR or PR7), or other controls systems (MS, LWR, DALI, or DIM).
14. Enlighted wireless sensors are factory installed and require network components LWP-EM-1, LWP-GW-1 and LWP-PoE8 in appropriate quantities. See website for Enlighted application information.
15. Replace XX with sensor color (WH, BZ or BK).
16. Sensor passive infrared (PIR) may be overly sensitive with operating below -20°C (-4°F).
17. For this device to be field-configurable, requires WAC Gateway components WAC-PoE and WPOE-120 in appropriate quantities. Only compatible with WaveLinx system and software and requires system components to be installed for operation. See website for more WaveLinx application information.
18. Replace XX with paint color.
19. This tool enables adjustment to Motion Sensor (MS) parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative for more information.
20. Must order one per light square when ordering as a field-installable accessory.
21. Requires 7-PIN NEMA twistlock receptacle (PR7) option. The WOLC-7 cannot be used in conjunction with other control systems (MS or LWR). Operates on 120-347V input voltages.
22. Available only with 120-277V.
23. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Exact luminaire wattage available in IES files. Available with 5WQ, 5MQ, SL2, SL3 and SL4 distributions. Can be used with HSS option.
24. Not available with HA option.
25. Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information.
26. Not available with 347V or 480V
27. Requires the use of an internal step down transformer when combined with sensor options. Not available in combination with the HA high ambient and sensor options at 1A.

Product Specifications

Construction

- Die-cast aluminum main housing and permanent mold spider mount base maintain a minimum Ø.125" wall thickness.
- Integral aluminum heat sink provides superior thermal +40°C ambient with optional 50°C environments.
- Standard 1.5G vibration.
- Top mounted door assembly, heavy wall, diecast aluminum door maintains a nominal Ø.125 thickness
- Door includes a 4.5" stainless steel safety tether standard or an optional self-retaining interior hinge.
- Continuous silicone gasket provided to seal housing door assembly and optic tray
- Downlight lens is LED board integrated UV treated polycarbonate over optics, each individually sealed for IP66 rating.
- Four inset fasteners on underside of housing provide access to luminaire interior.
- Housing and optics IK10 impact rated.

Optics

- Choice of thirteen patented, high efficiency AccuLED Optic™ technology manufactured from injection-molded UV treated polycarbonate.
- Offered in multiple CCTs (+/-275K). For the ultimate level of spill light control, an optional house side shield accessory can be field or factory installed.

Electrical

- LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life.
- Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz operation, greater than 0.9 power factor, less than 20% harmonic distortion, and is suitable for operation in -40°C to 50°C ambient environments.
- All fixtures are shipped standard with 10kV/10kA common mode surge protection.
- Lightsquares feature an IP66 enclosure rating.
- Occupancy sensor and dimming options available.

Mounting

- Fitter assembly mounts over 3" O.D. Tenon via four concealed, steel set screws and jam-setscrews.

Finish

- Housing is finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear.
- Lightsquares cover plates are standard white and may be specified to match finish of luminaire housing.
- RAL and custom color matches available. Additional charges and lead time apply.
- Available in Costal Construction, salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654.

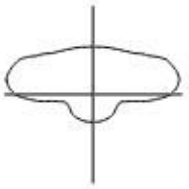
Warranty

- Five year limited warranty, consult website for details. www.cooperlighting.com/legal

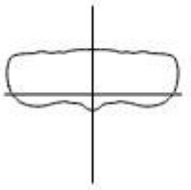
Optical Distributions

Asymmetric Area Distributions

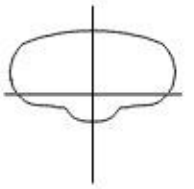
T2 (Type II)



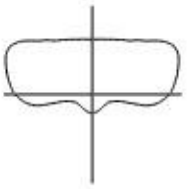
SL2 (Type II with Spill Control)



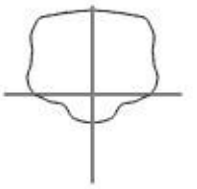
T3 (Type III)



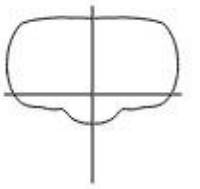
SL3 (Type III with Spill Control)



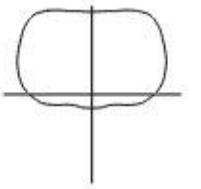
T4FT (Type IV Forward Throw)



T4W (Type IV Wide)

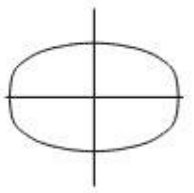


SL4 (Type IV with Spill Control)



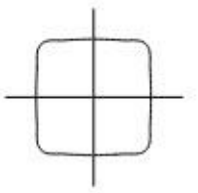
Asymmetric Roadway Distributions

RW (Rectangular Wide Type I)

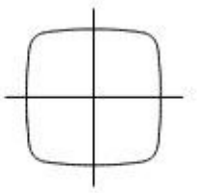


Symmetric Distributions

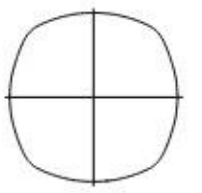
5NQ (Type V Square Narrow)



5MQ (Type V Square Medium)

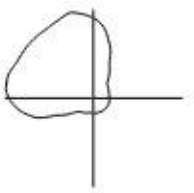


5WQ (Type V Square Wide)

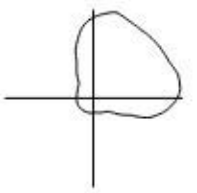


Specialized Distributions

SLL (90° Spill Light Eliminator Left)



SLR (90° Spill Light Eliminator Right)



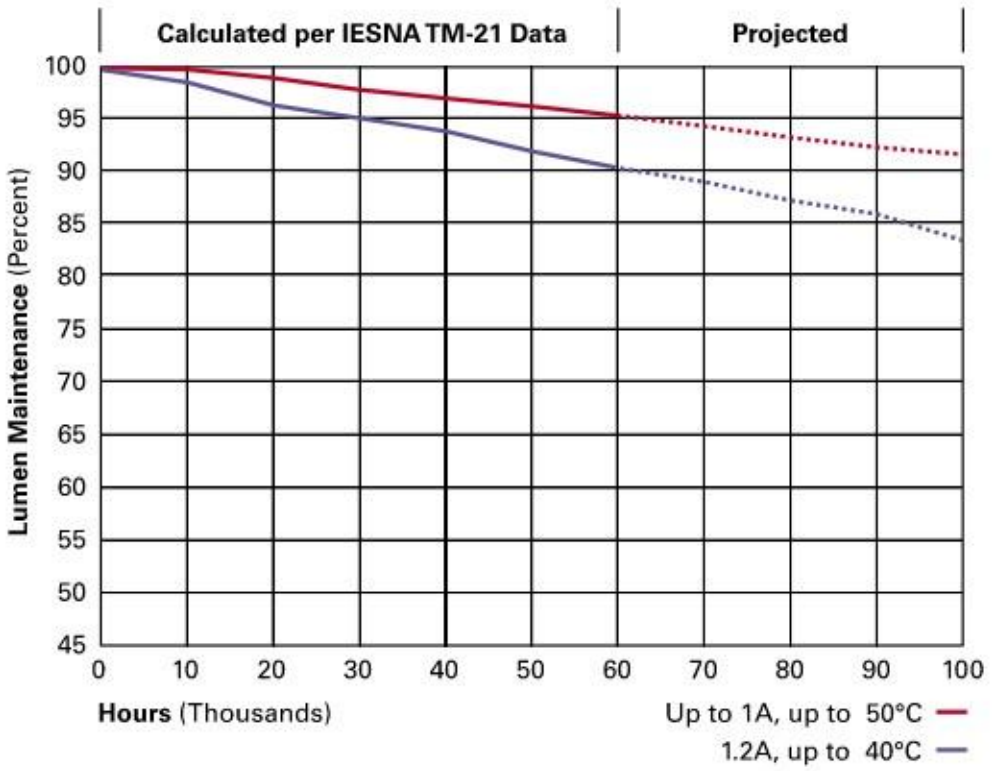
Lumen Maintenance

Drive Current	Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Project L70 (Hours)
Up to 1A	Up to 50˚C	> 95%	416,000
1.2A	Up to 40˚C	> 90%	205,000

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

View PMM Mesa IES files


Calculated per IESNA TM-21 Data
Projected
Lumen Maintenance (Percent)
100
95
90
85
80
75
70
65
60
55
50
45
0
10
20
30
40
50
60
70
80
90
100
Hours (Thousands)
Up to 1A, up to 50°C
1.2A, up to 40°C

Energy and Performance Data

Power and Lumens (1.2A)

Number of Light Squares		1	2	3	4
Nominal Power (Watts)		67	129	191	258
Input Current @ 120V (A)		0.58	1.16	1.78	2.31
Input Current @ 208V (A)		0.33	0.63	0.93	1.27
Input Current @ 240V (A)		0.29	0.55	0.80	1.10
Input Current @ 277V (A)		0.25	0.48	0.70	0.96
Input Current @ 347V (A)		0.20	0.39	0.57	0.78
Input Current @ 480V (A)		0.15	0.30	0.43	0.60
Optics					
T2	4000K/5000K Lumens	6,840	13,452	19,853	26,239
	4000K/5000K Lumens Per Watt	102	104	104	102
	3000K Lumens	6,229	12,251	18,080	23,896
	3000K Lumens Per Watt	93	95	95	93
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4
T3	4000K/5000K Lumens	6,848	13,468	19,876	26,270
	4000K/5000K Lumens Per Watt	102	104	104	102
	3000K Lumens	6,236	12,266	18,101	23,924
	3000K Lumens Per Watt	93	95	95	93
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4
T4FT	4000K/5000K Lumens	6,873	13,519	19,951	26,369
	4000K/5000K Lumens Per Watt	103	105	104	102
	3000K Lumens	6,260	12,312	18,170	24,014
	3000K Lumens Per Watt	93	95	95	93
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4
T4W	4000K/5000K Lumens	6,953	13,675	20,182	26,674
	4000K/5000K Lumens Per Watt	104	106	106	103
	3000K Lumens	6,332	12,454	18,380	24,292
	3000K Lumens Per Watt	95	97	96	94
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4
SL2	4000K/5000K Lumens	6,812	13,399	19,773	26,134
	4000K/5000K Lumens Per Watt	102	104	104	101
	3000K Lumens	6,204	12,202	18,008	23,801
	3000K Lumens Per Watt	93	95	94	92
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4
SL3	4000K/5000K Lumens	6,729	13,234	19,531	25,813
	4000K/5000K Lumens Per Watt	100	103	102	100
	3000K Lumens	6,128	12,053	17,787	23,509
	3000K Lumens Per Watt	91	93	93	91
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4

1.2A continued on next page

Power and Lumens (1.2A)

Number of Light Squares		1	2	3	4
Nominal Power (Watts)		67	129	191	258
Input Current @ 120V (A)		0.58	1.16	1.78	2.31
Input Current @ 208V (A)		0.33	0.63	0.93	1.27
Input Current @ 240V (A)		0.29	0.55	0.80	1.10
Input Current @ 277V (A)		0.25	0.48	0.70	0.96
Input Current @ 347V (A)		0.20	0.39	0.57	0.78
Input Current @ 480V (A)		0.15	0.30	0.43	0.60
Optics					
SL4	4000K/5000K Lumens	6,680	13,138	19,389	25,625
	4000K/5000K Lumens Per Watt	100	102	102	99
	3000K Lumens	6,083	11,965	17,657	23,337
	3000K Lumens Per Watt	91	93	92	90
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G4	B2-U0-G4
5NQ	4000K/5000K Lumens	7,017	13,801	20,368	26,920
	4000K/5000K Lumens Per Watt	105	107	107	104
	3000K Lumens	6,390	12,569	18,549	24,516
	3000K Lumens Per Watt	95	97	97	95
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2
5MQ	4000K/5000K Lumens	7,386	14,527	21,439	28,336
	4000K/5000K Lumens Per Watt	110	113	112	110
	3000K Lumens	6,727	13,230	19,525	25,806
	3000K Lumens Per Watt	100	103	102	100
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3
5WQ	4000K/5000K Lumens	7,356	14,469	21,352	28,221
	4000K/5000K Lumens Per Watt	110	112	112	109
	3000K Lumens	6,699	13,177	19,446	25,701
	3000K Lumens Per Watt	100	102	102	100
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G4
SLL/SLR	4000K/5000K Lumens	5,874	11,554	17,051	22,536
	4000K/5000K Lumens Per Watt	88	90	89	87
	3000K Lumens	5,350	10,522	15,529	20,524
	3000K Lumens Per Watt	80	82	81	80
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4
RW	4000K/5000K Lumens	7,042	13,851	20,441	27,017
	4000K/5000K Lumens Per Watt	105	107	107	105
	3000K Lumens	6,414	12,614	18,616	24,605
	3000K Lumens Per Watt	96	98	97	95
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2

Power and Lumens (1A)

Number of Light Squares		1	2	3	4
Nominal Power (Watts)		59	113	166	225
Input Current @ 120V (A)		0.51	1.02	1.53	2.03
Input Current @ 208V (A)		0.29	0.56	0.82	1.11
Input Current @ 240V (A)		0.26	0.48	0.71	0.96
Input Current @ 277V (A)		0.23	0.42	0.61	0.83
Input Current @ 347V (A)		0.17	0.32	0.50	0.64
Input Current @ 480V (A)		0.14	0.24	0.37	0.48
Optics					
T2	4000K/5000K Lumens	6,256	12,304	18,158	23,999
	4000K/5000K Lumens Per Watt	106	109	109	107
	3000K Lumens	5,697	11,205	16,537	21,856
	3000K Lumens Per Watt	97	99	100	97
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4
T3	4000K/5000K Lumens	6,263	12,318	18,179	24,027
	4000K/5000K Lumens Per Watt	106	109	110	107
	3000K Lumens	5704	11219	16556	21882
	3000K Lumens Per Watt	97	99	100	97
	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4
T4FT	4000K/5000K Lumens	6,287	12,365	18,248	24,118
	4000K/5000K Lumens Per Watt	107	109	110	107
	3000K Lumens	5,725	11,261	16,618	21,964
	3000K Lumens Per Watt	97	100	100	98
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G4	B3-U0-G4
T4W	4000K/5000K Lumens	6,359	12,508	18,459	24,397
	4000K/5000K Lumens Per Watt	108	111	111	108
	3000K Lumens	5,792	11,391	16,811	22,219
	3000K Lumens Per Watt	98	101	101	99
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4
SL2	4000K/5000K Lumens	6,231	12,255	18,085	23,903
	4000K/5000K Lumens Per Watt	106	108	109	106
	3000K Lumens	5,674	11,161	16,471	21,769
	3000K Lumens Per Watt	96	99	99	97
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4
SL3	4000K/5000K Lumens	6,154	12,104	17,863	23,610
	4000K/5000K Lumens Per Watt	104	107	108	105
	3000K Lumens	5,605	11,024	16,268	21,502
	3000K Lumens Per Watt	95	98	98	96
	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4

1A continued on next page

Power and Lumens (1A)

Number of Light Squares		1	2	3	4
Nominal Power (Watts)		59	113	166	225
Input Current @ 120V (A)		0.51	1.02	1.53	2.03
Input Current @ 208V (A)		0.29	0.56	0.82	1.11
Input Current @ 240V (A)		0.26	0.48	0.71	0.96
Input Current @ 277V (A)		0.23	0.42	0.61	0.83
Input Current @ 347V (A)		0.17	0.32	0.50	0.64
Input Current @ 480V (A)		0.14	0.24	0.37	0.48
Optics					
SL4	4000K/5000K Lumens	6,109	12,016	17,733	23,438
	4000K/5000K Lumens Per Watt	104	106	107	104
	3000K Lumens	5,564	10,943	16,150	21,345
	3000K Lumens Per Watt	94	97	97	95
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G4	B2-U0-G4
5NQ	4000K/5000K Lumens	6,418	12,623	18,629	24,622
	4000K/5000K Lumens Per Watt	109	112	112	109
	3000K Lumens	5,845	11,496	16,966	22,423
	3000K Lumens Per Watt	99	102	102	100
	BUG Rating	B2-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2
5MQ	4000K/5000K Lumens	6,756	13,287	19,609	25,917
	4000K/5000K Lumens Per Watt	115	118	118	115
	3000K Lumens	6,152	12,101	17,858	23,603
	3000K Lumens Per Watt	104	107	108	105
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3
5WQ	4000K/5000K Lumens	5,728	13,233	19,530	25,812
	4000K/5000K Lumens Per Watt	97	117	118	115
	3000K Lumens	6,127	12,052	17,786	23,507
	3000K Lumens Per Watt	104	107	107	104
	BUG Rating	B3-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3
SLL/ SLR	4000K/5000K Lumens	5,373	10,568	15,595	20,612
	4000K/5000K Lumens Per Watt	91	94	94	92
	3000K Lumens	4,893	9,624	14,203	18,772
	3000K Lumens Per Watt	83	85	86	83
	BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G4
RW	4000K/5000K Lumens	6,441	12,669	18,696	24,710
	4000K/5000K Lumens Per Watt	109	112	113	110
	3000K Lumens	5,866	11,538	17,027	22,504
	3000K Lumens Per Watt	99	102	103	100
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2

Power and Lumens (800mA)

Number of Light Squares		1	2	3	4
Nominal Power (Watts)		44	85	124	171
Input Current @ 120V (A)		0.39	0.77	1.13	1.54
Input Current @ 208V (A)		0.22	0.44	0.62	0.88
Input Current @ 240V (A)		0.19	0.38	0.54	0.76
Input Current @ 277V (A)		0.17	0.36	0.47	0.72
Input Current @ 347V (A)		0.15	0.24	0.38	0.49
Input Current @ 480V (A)		0.11	0.18	0.29	0.37
Optics					
T2	4000K/5000K Lumens	5,051	9,935	14,662	19,378
	4000K/5000K Lumens Per Watt	115	117	118	113
	3000K Lumens	4,600	9,048	13,353	17,648
	3000K Lumens Per Watt	105	106	108	103
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3
T3	4000K/5000K Lumens	5,057	9,947	14,679	19,401
	4000K/5000K Lumens Per Watt	115	117	118	113
	3000K Lumens	4,606	9,059	13,368	17,669
	3000K Lumens Per Watt	105	107	108	103
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3
T4FT	4000K/5000K Lumens	5,076	9,984	14,734	19,474
	4000K/5000K Lumens Per Watt	115	117	119	114
	3000K Lumens	4,623	9,093	13,419	17,735
	3000K Lumens Per Watt	105	107	108	104
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G4
T4W	4000K/5000K Lumens	5,135	10,100	14,905	19,700
	4000K/5000K Lumens Per Watt	117	119	120	115
	3000K Lumens	4,676	9,198	13,574	17,941
	3000K Lumens Per Watt	106	108	109	105
	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G4
SL2	4000K/5000K Lumens	5,031	9,895	14,603	19,301
	4000K/5000K Lumens Per Watt	114	116	118	113
	3000K Lumens	4,582	9,012	13,299	17,577
	3000K Lumens Per Watt	104	106	107	103
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G3	B3-U0-G3
SL3	4000K/5000K Lumens	4,969	9,774	14,424	19,064
	4000K/5000K Lumens Per Watt	113	115	116	111
	3000K Lumens	4,526	8,901	13,136	17,362
	3000K Lumens Per Watt	103	105	106	102
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3
SL4	4000K/5000K Lumens	4,933	9,703	14,319	18,925
	4000K/5000K Lumens Per Watt	112	114	115	111
	3000K Lumens	4,493	8,836	13,041	17,235
	3000K Lumens Per Watt	102	104	105	101
	BUG Rating	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G4

800mA continued on next page

Power and Lumens (800mA)

Number of Light Squares		1	2	3	4
Nominal Power (Watts)		44	85	124	171
Input Current @ 120V (A)		0.39	0.77	1.13	1.54
Input Current @ 208V (A)		0.22	0.44	0.62	0.88
Input Current @ 240V (A)		0.19	0.38	0.54	0.76
Input Current @ 277V (A)		0.17	0.36	0.47	0.72
Input Current @ 347V (A)		0.15	0.24	0.38	0.49
Input Current @ 480V (A)		0.11	0.18	0.29	0.37
Optics					
5NQ	4000K/5000K Lumens	5,182	10,193	15,042	19,881
	4000K/5000K Lumens Per Watt	118	120	121	116
	3000K Lumens	4,720	9,283	13,699	18,106
	3000K Lumens Per Watt	107	109	110	106
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2
5MQ	4000K/5000K Lumens	5,455	10,729	15,833	20,927
	4000K/5000K Lumens Per Watt	124	126	128	122
	3000K Lumens	4,968	9,771	14,420	19,058
	3000K Lumens Per Watt	113	115	116	111
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2
5WQ	4000K/5000K Lumens	5,433	10,685	15,769	20,842
	4000K/5000K Lumens Per Watt	123	126	127	122
	3000K Lumens	4,948	9,731	14,361	18,981
	3000K Lumens Per Watt	112	114	116	111
	BUG Rating	B3-U0-G1	B4-U0-G2	B4-U0-G2	B5-U0-G3
SLL/SLR	4000K/5000K Lumens	4,338	8,533	12,593	16,644
	4000K/5000K Lumens Per Watt	99	100	102	97
	3000K Lumens	3,951	7,771	11,468	15,157
	3000K Lumens Per Watt	90	91	92	89
	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3
RW	4000K/5000K Lumens	5,201	10,229	15,096	19,953
	4000K/5000K Lumens Per Watt	118	120	122	117
	3000K Lumens	4,737	9,316	13,749	18,171
	3000K Lumens Per Watt	108	110	111	106
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2

Power and Lumens (600mA)

Number of Light Squares		1	2	3	4
Nominal Power (Watts)		34	66	96	129
Input Current @ 120V (A)		0.30	0.58	0.86	1.16
Input Current @ 208V (A)		0.17	0.34	0.49	0.65
Input Current @ 240V (A)		0.15	0.30	0.43	0.56
Input Current @ 277V (A)		0.14	0.28	0.41	0.52
Input Current @ 347V (A)		0.11	0.19	0.30	0.39
Input Current @ 480V (A)		0.08	0.15	0.24	0.30
Optics					
T2	4000K/5000K Lumens	4,031	7,928	11,700	14,563
	4000K/5000K Lumens Per Watt	119	120	122	113
	3000K Lumens	3,671	7,220	10,655	14,082
	3000K Lumens Per Watt	108	109	111	109
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2
T3	4000K/5000K Lumens	4,035	7,937	11,713	15,481
	4000K/5000K Lumens Per Watt	119	120	122	120
	3000K Lumens	2,675	7,228	10,667	14,099
	3000K Lumens Per Watt	79	110	111	109
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3
T4FT	4000K/5000K Lumens	4,051	7,967	11,757	15,539
	4000K/5000K Lumens Per Watt	119	121	122	120
	3000K Lumens	3,689	7,255	10,708	14,152
	3000K Lumens Per Watt	109	110	112	110
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G3
T4W	4000K/5000K Lumens	4,097	8,059	11,894	15,719
	4000K/5000K Lumens Per Watt	121	122	124	122
	3000K Lumens	3,732	7,340	10,832	14,316
	3000K Lumens Per Watt	110	111	113	111
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G3
SL2	4000K/5000K Lumens	4,015	7,896	11,653	15,401
	4000K/5000K Lumens Per Watt	118	120	121	119
	3000K Lumens	3,656	7,191	10,612	14,026
	3000K Lumens Per Watt	108	109	111	109
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	B2-U0-G3
SL3	4000K/5000K Lumens	3,965	7,799	11,510	15,212
	4000K/5000K Lumens Per Watt	117	118	120	118
	3000K Lumens	3,611	7,103	10,482	13,854
	3000K Lumens Per Watt	106	108	109	107
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G3	B2-U0-G3
SL4	4000K/5000K Lumens	3,936	7,742	11,426	15,101
	4000K/5000K Lumens Per Watt	116	117	119	117
	3000K Lumens	3,585	7,051	10,406	13,753
	3000K Lumens Per Watt	105	107	108	107
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3

600mA continued on next page

Power and Lumens (600mA)

Number of Light Squares		1	2	3	4
Nominal Power (Watts)		34	66	96	129
Input Current @ 120V (A)		0.30	0.58	0.86	1.16
Input Current @ 208V (A)		0.17	0.34	0.49	0.65
Input Current @ 240V (A)		0.15	0.30	0.43	0.56
Input Current @ 277V (A)		0.14	0.28	0.41	0.52
Input Current @ 347V (A)		0.11	0.19	0.30	0.39
Input Current @ 480V (A)		0.08	0.15	0.24	0.30
Optics					
5NQ	4000K/5000K Lumens	4,135	8,133	12,003	15,864
	4000K/5000K Lumens Per Watt	122	123	125	123
	3000K Lumens	3,766	7,407	10,931	14,448
	3000K Lumens Per Watt	111	112	114	112
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2
5MQ	4000K/5000K Lumens	4,353	8,561	12,634	16,698
	4000K/5000K Lumens Per Watt	128	130	132	129
	3000K Lumens	3,964	7,797	11,506	15,208
	3000K Lumens Per Watt	117	118	120	118
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2
5WQ	4000K/5000K Lumens	4,335	8,526	12,583	16,631
	4000K/5000K Lumens Per Watt	128	129	131	129
	3000K Lumens	3,948	7,765	11,460	15,146
	3000K Lumens Per Watt	116	118	119	117
	BUG Rating	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2
SLL/SLR	4000K/5000K Lumens	3,462	6,809	10,048	13,281
	4000K/5000K Lumens Per Watt	102	103	105	103
	3000K Lumens	3,153	6,201	9,151	12,095
	3000K Lumens Per Watt	93	94	95	94
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G3	B2-U0-G3
RW	4000K/5000K Lumens	4,150	8,163	12,046	15,921
	4000K/5000K Lumens Per Watt	122	124	125	123
	3000K Lumens	3,780	7,434	10,971	14,500
	3000K Lumens Per Watt	111	113	114	112
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2

Control Options

0-10V (DIM)
The DIM option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

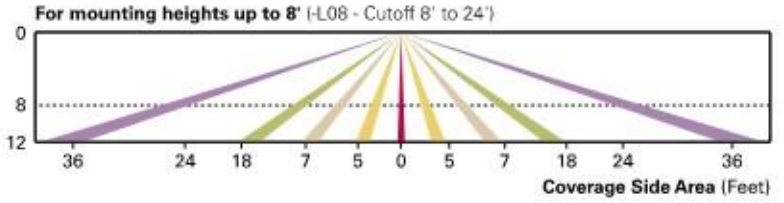
Photocontrol (PR and PR7)
Optional photocontrol receptacles (4 and 4N7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the 4N7 receptacle.

Dimming Occupancy Sensor (MS/DIM-LXX, MS/X-LXX and MS-LXX)
These sensors are factory installed in the luminaire housing. When the MS/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MS-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity. The MS/X-LXX is also preset for five minutes and only controls the specified number of light engines to maintain steady output from the remaining light engines.

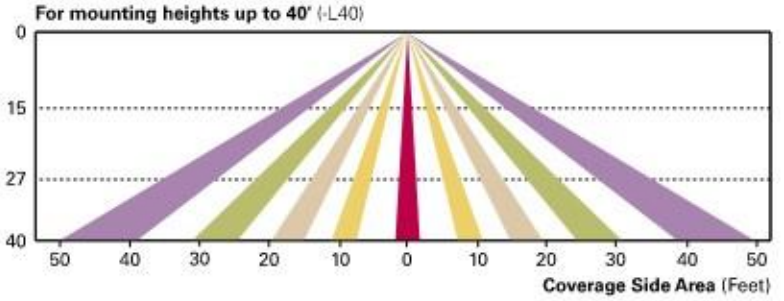
These occupancy sensors includes an integral photocell that can be activated with the FSIR-100 accessory for "dusk-to-dawn" control or daylight harvesting - the factory preset is OFF. The FSIR-100 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters.

A variety of sensor lens are available to optimize the coverage pattern for mounting heights from 8'-40'.

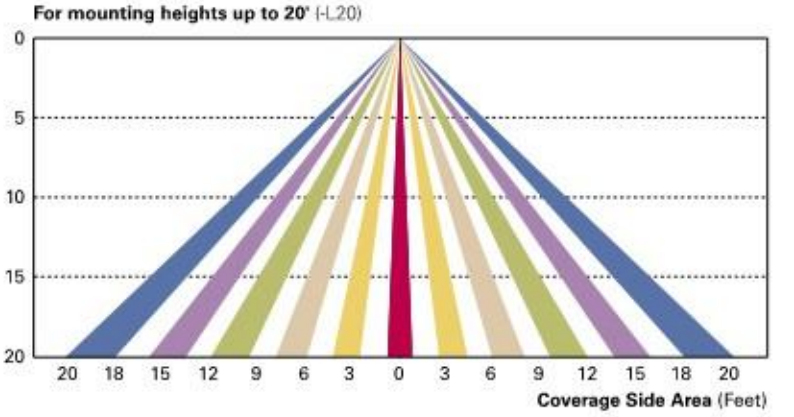
For mounting heights up to 8' (-L08 - Cutoff 8' to 24')



For mounting heights up to 40' (-L40)

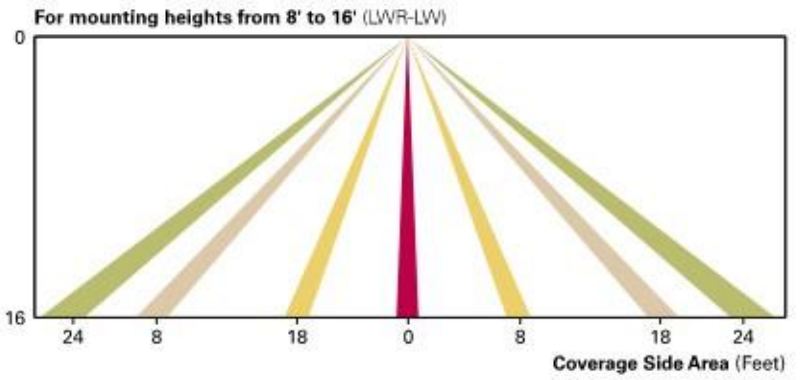


For mounting heights up to 20' (-L20)

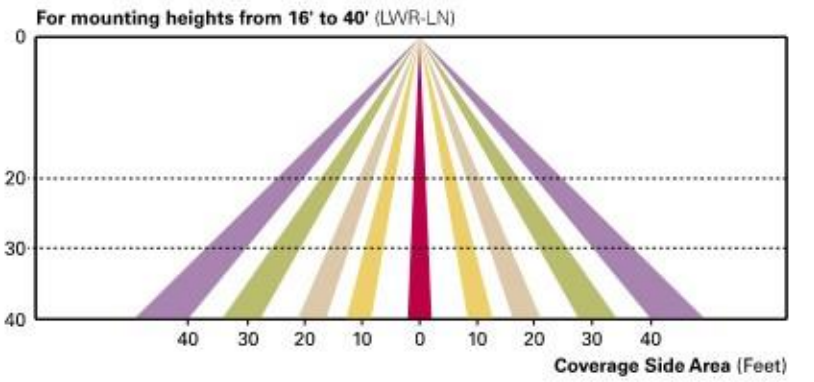


Enlighted Wireless Control and Monitoring System (LWR-LW and LWR-LN)
Enlighted is a connected lighting solution that combines a broad selection of energy-efficient LED luminaires with a powerful integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of building resources, beyond lighting.

For mounting heights from 8' to 16' (LWR-LW)



For mounting heights from 16' to 40' (LWR-LN)

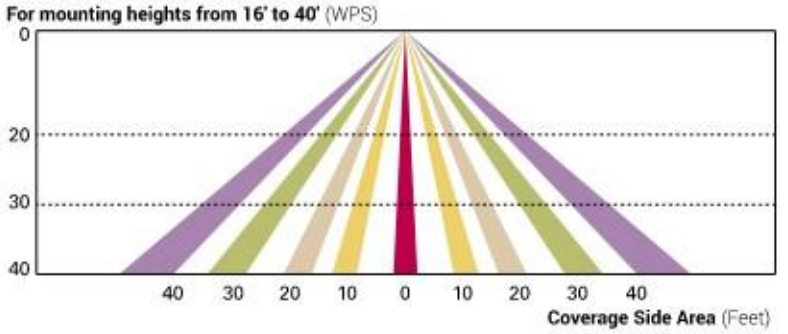


WaveLinx Wireless Control and Monitoring System Available in 7-PIN or 4-PIN configurations, the WaveLinx Outdoor control platform operates on a wireless mesh network based on IEEE 802.15.4 standards enabling wireless control of outdoor lighting. Use the WaveLinx Mobile application for set-up and configuration. At least one Wireless Area Controller (WAC) is required for full functionality and remote communication (including wadjustment of any factory pre-sets).

WaveLinx Outdoor Control Module (WOLC-7P-10A) A photocontrol that enables astronomic or time-based schedules to provide ON, OFF and dimming control of fixtures utilizing a 7-PIN receptacle. The out-of-box functionality is ON at dusk and OFF at dawn.

WaveLinx PRO Wireless Sensor (WPS2 and WPS4) These outdoor sensors offer passive infrared (PIR) occupancy and a photocell for closed loop daylight sensing. These sensors are factory preset to dim down to approximately 50 percent power after 15 minutes of no activity detected. These occupancy sensors include an integral photocell for "dusk-to-dawn" control or daylight harvesting that is factory-enabled. A variety of sensor lenses are available to optimize the coverage pattern for mounting heights from 7'-40'.

For mounting heights from 16' to 40' (WPS)



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Peachtree City, GA 30269
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Specifications and dimensions subject to change without notice.

Autobahn Series ATBMicro
Roadway Lighting

Consistent with LEED® goals & Green Globes™ criteria for light pollution reduction

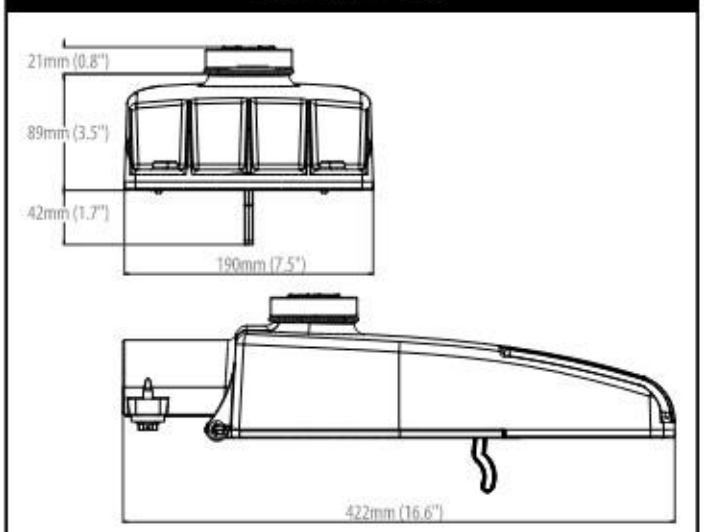
PRODUCT OVERVIEW



Applications:

Roadways
Off ramps
Residential streets
Parking lots

DIMENSIONS



Effective Projected Area (EPA): The EPA for the ATBMicro is 0.36 sq. ft.
Approx. Wt. = 8 lbs.

STANDARDS

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Color temperatures of ≤ 3000K must be specified for International Dark-Sky Association certification.

Rated for -40°C to 40°C ambient
CSA Certified to U.S. and Canadian standards
Complies with ANSI: C136.2, C136.10, C136.14, C136.31, C136.15, C136.37

GOVERNMENT PROCUREMENT — BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

Features:

OPTICAL

The Autobahn's new molded silicone optics provide exceptional performance. Silicone optics are superior to other polymeric materials in the areas of; optical efficiency, thermal performance, and reduction in dirt accumulation, all of which can lead to long term lumen degradation and a shift in optical distribution. Also, because silicone allows for the molding of fine details as well as thick sections, it produces the most crisp, clean and well-defined lighting distributions available. Silicone optics paired with modern LED's allow the Autobahn to take full advantage of both technologies.

Same Light: Performance is comparable to 70-150W HPS roadway luminaires.

White Light: Correlated color temperature - 4000K, or optional 2700K, 3000K or 5000K, all 70 CRI minimum.

Unique IP66 rated LED light engines provided 0% uplight and restrict backlight to within sidewalk depth, providing optimal application coverage and optimal pole spacing. Available in Type II, III, IIIL, IV, and V roadway distributions.

ELECTRICAL

Expected Life: LED light engines are rated >100,000 hours at 25°C, L70. Electronic driver has an expected life of 100,000 hours at a 25°C ambient.

Lower Energy: Saves an expected of 40-60% over comparable HID luminaires.

Robust Surge Protection: Two different surge protection options provide a minimum of ANSI C136.2 10kV/5kA protection. 20kV/10kA protection is also available.

Luminaire ships with a 0-10v dimmable driver. Luminaire is continuous and step dimming capable via AO option or controls installed on P7 photocontrol receptacle option.

MECHANICAL

Includes standard AEL lineman-friendly features such as tool-less entry, 3 station terminal block and quick disconnects. Bubble level located inside the electrical compartment for easily leveling at installation.

Rugged die-cast aluminum housing and door are polyester powder-coated for durability and corrosion resistance. Rigorous five-stage pre-treating and painting process yields a finish that achieves a scribe creepage rating of 7 (per ASTM D1654) after over 5000 hours exposure to salt fog chamber (operated per ASTM B117).

Mast arm mount is adjustable for arms from 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter. Provides a 3G vibration rating per ANSI C136.31

CONTROLS

NEMA 3 pin photocontrol receptacle is standard, with the Acuity designed ANSI standard 7 pin receptacle optionally available.

Premium solid state locking style photocontrol - PCSS (10 year rated life) Extreme long life solid state locking style photocontrol - PCLL (20 year rated life).

Optional onboard Adjustable Output module allows the light output and input wattage to be modified to meet site specific requirements, and also can allow a single fixture to be flexibly applied in many different applications.

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American Electric Lighting

Autobahn Series ATBMicro
Roadway Lighting

ORDERING INFORMATION

Series

ATBMic Autobahn LED Roadway

Performance Packages

P101 2,889 lumens nominal [6]
P102 3,400 lumens nominal
P103 4,016 lumens nominal
P104 4,959 lumens nominal
P105 5,897 lumens nominal
P106 6,755 lumens nominal

P151 4,320 lumens nominal
P152 5,077 lumens nominal
P153 6,041 lumens nominal
P154 7,399 lumens nominal
P155 8,158 lumens nominal
P156 8,706 lumens nominal

Voltage

MVOLT Multi-volt, 120-277V
347 347V [4,5]
480 480V [4,5]

Optics

R2 Roadway Type II
R3 Roadway Type III
R3L Roadway Type III Long
R4 [3] Roadway Type IV
R5 Roadway Type V

Options

Color Temperature (CCT)
(Blank) 4000K CCT, 70 CRI Min.
27K 2700K CCT, 70 CRI Min.
3K 3000K CCT, 70 CRI Min.
5K 5000K CCT, 70 CRI Min.

Paint
(Blank) Gray (Standard)
BK Black
BZ Bronze
DDB Dark Bronze
GI Graphite
WH White
GN Green

Surge Protection
(Blank) Standard 20kV/10kA SPD [1]
MP MOV Pack 10kV/5kA

Terminal Block
(Blank) Terminal Block (Standard)

Misc.
BL External Bubble Level
HSS House-Side Shield
NL Nema Label
XL Not CSA Certified
BAA Buy America(n) Act and/or Build America Buy America Qualified
PW# Pre-wire, # indicates wire length in one foot increments from 1' thru 10' (e.g. PW4 = 4' of pre-wire)

Controls
(Blank) 3 Pin NEMA Photocontrol Receptacle (Standard)
P7 [2] 7 Pin Photocontrol Receptacle (Dimmable Driver Included)
NR No Photocontrol Receptacle
AO Field Adjustable Output
PCSS [1] Solid State Lighting Photocontrol (120-277V)
PCLL Solid State Long Life Photocontrol
SH Shorting Cap

Packaging
(Blank) Single Unit (Standard)
JP Job Pack (90/pallet)

Notes
1 Not available in 347 or 480V.
2 Not available with NR.
3 Not available with P151 - P156 performance packages.
4 Not available with P101 performance package.
5 Must select MP surge protection option.
6 Not available with 347V or 480V.

Accessories:

House side shields for field installation
ATBMICP10XR2R3LR5HSS for use with P101 - P106, R2, R3L, & R5 distribution
ATBMICP10XR3R4HSS for use with P101 - P106, R3 & R4 distribution
ATBMICP15XR2R3LR5HSS for use with P151 - P156, R2, R3L, & R5 distribution
ATBMICP15XR3HSS for use with P151 - P156, R3 distribution

Light Trespass Side Shields
ATBMICHSLTS ATBMC House Side Light Trespass Shield
ATBMICSSLTS ATBMIC Street Side Light Trespass Shield

Universal Arms (steel)
UMR XX 8" Horizontal Arm for Round Pole, Painted to match Fixture
UMS XX 8" Horizontal Arm for Square Pole, Painted to match Fixture
UMR GALV 8" Horizontal Arm for Round Pole, Galvanized
UMS GALV 8" Horizontal Arm for Square Pole, Galvanized

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Autobahn Series ATBMicro
Roadway Lighting

PERFORMANCE PACKAGE

ATBMic	Distribution	Input Watts	2700K		3000K		4000/5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
P101	R2	20	2,652	134	2,733	137	2,910	148
	R3		2,636	134	2,716	138	2,822	148
	R3L		2,557	128	2,634	132	2,781	139
	R4		2,634	136	2,548	133	2,791	144
	R5		2,706	141	2,752	143	2,876	150
P102	R2	25	3,118	126	3,153	127	3,377	137
	R3		3,099	128	3,180	130	3,277	135
	R3L		2,985	119	3,151	126	3,247	130
	R4		2,980	121	2,928	119	3,158	128
	R5		3,181	131	3,253	133	3,371	138
P103	R2	29	3,654	125	3,731	127	3,952	135
	R3		3,631	125	3,735	128	3,915	135
	R3L		3,456	119	3,589	124	3,759	130
	R4		3,506	121	3,498	120	3,715	128
	R5		3,728	129	3,776	130	3,950	136
P104	R2	37	4,425	118	4,557	120	4,919	131
	R3		4,398	118	4,493	120	4,745	127
	R3L		4,243	115	4,392	119	4,616	125
	R4		4,278	118	4,278	117	4,533	125
	R5		4,515	125	4,566	126	4,784	132
P105	R2	45	5,216	116	5,407	118	5,712	127
	R3		5,184	116	5,342	120	5,597	125
	R3L		4,951	110	5,128	114	5,385	120
	R4		5,042	113	4,940	110	5,343	119
	R5		5,322	119	5,434	122	5,639	126
P106	R2	53	5,939	111	6,243	114	6,510	121
	R3		5,903	110	6,155	115	6,541	122
	R3L		5,661	107	5,835	110	6,158	116
	R4		5,833	111	5,728	110	6,181	118
	R5		6,060	116	6,140	118	6,421	123
P151	R2	30	4,062	133	4,025	133	4,327	142
	R3		4,038	133	4,046	134	4,268	140
	R3L		3,891	130	4,000	133	4,232	141
	R5		4,145	136	4,236	138	4,392	144
P152	R2	35	4,683	133	4,677	133	5,009	142
	R3		4,655	133	4,605	132	5,086	145
	R3L		4,505	129	4,588	131	4,900	140
	R5		4,778	137	4,825	137	5,063	145
P153	R2	43	5,176	120	5,611	130	5,962	138
	R3		5,145	119	5,498	128	5,779	134
	R3L		5,282	123	5,401	126	5,746	134
	R5		5,281	124	5,716	134	5,596	132
P154	R2	54	6,172	114	6,744	125	7,311	135
	R3		6,135	114	6,787	126	7,056	131
	R3L		6,339	117	6,509	121	6,895	128
	R5		6,297	117	6,674	123	6,673	124
P155	R2	61	7,242	119	7,530	124	8,184	135
	R3		7,198	119	7,370	121	7,732	128
	R3L		6,932	114	7,165	117	7,540	124
	R5		7,389	125	7,365	124	7,830	133
P156	R2	65	7,835	120	7,829	120	8,710	133
	R3		7,788	120	7,782	119	8,217	126
	R3L		7,453	115	7,647	118	8,107	125
	R5		7,994	124	7,827	120	8,471	131

Note: Specifications subject to change without notice.

ATBMic	15C	20C	25C	30C	35C	40C
LLD Multiplier	1.02	1.01	1.00	0.99	0.98	0.97

To calculate the LLD for a temperature other than 25°C, multiply the LLD @ 25°C (shown in the performance package table) by the LLD multiplier for the selected temperature.

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PERFORMANCE PACKAGE

ATBMic	LLD @ 25°C								
	R2, R3 Distributions 3000K & 4000K CCT			R2, R3 Distributions 2700K & 5000K CCT*			R3L, R4, & R5 Distributions Any CCT		
	50k Hours	75k Hours	100k Hours	50k Hours	75k Hours	100k Hours	50k Hours	75k Hours	100k Hours
P101	0.96	0.95	0.94	0.92	0.88	0.85	0.92	0.88	0.85
P102	0.96	0.95	0.94	0.92	0.88	0.85	0.92	0.88	0.85
P103	0.96	0.95	0.93	0.92	0.88	0.85	0.92	0.88	0.85
P104	0.96	0.95	0.93	0.92	0.88	0.85	0.92	0.88	0.85
P105	0.96	0.95	0.93	0.92	0.88	0.85	0.92	0.88	0.85
P106	0.96	0.95	0.93	0.92	0.88	0.84	0.92	0.88	0.84
P151	0.96	0.95	0.94	0.92	0.88	0.85	0.92	0.88	0.85
P152	0.96	0.95	0.93	0.92	0.88	0.85	0.92	0.88	0.85
P153	0.96	0.95	0.94	0.91	0.88	0.85	0.91	0.88	0.85
P154	0.96	0.95	0.93	0.91	0.88	0.84	0.91	0.88	0.84
P155	0.96	0.95	0.94	0.91	0.87	0.83	0.91	0.87	0.83
P156	0.96	0.95	0.93	0.91	0.87	0.83	0.91	0.87	0.83

*** Also includes any custom (non-catalog) CCT**

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B.U.G. Ratings

ATBMic	Distribution	2700K			3000K			4000/5000K		
		B	U	G	B	U	G	B	U	G
P101	R2	1	0	1	1	0	1	1	0	1
	R3	1	0	1	1	0	1	1	0	1
	R3L	1	0	1	1	0	1	1	0	1
	R4	1	0	1	1	0	1	1	0	1
	R5	2	0	1	2	0	1	2	0	1
P102	R2	1	0	1	1	0	1	1	0	1
	R3	1	0	1	1	0	1	1	0	1
	R3L	1	0	1	1	0	1	1	0	1
	R4	1	0	1	1	0	1	1	0	1
	R5	2	0	1	2	0	1	2	0	1
P103	R2	1	0	1	1	0	1	1	0	1
	R3	1	0	1	1	0	1	1	0	1
	R3L	1	0	1	1	0	1	1	0	1
	R4	1	0	1	1	0	1	1	0	1
	R5	3	0	1	3	0	1	3	0	1
P104	R2	1	0	1	1	0	1	1	0	1
	R3	1	0	1	1	0	1	1	0	1
	R3L	1	0	2	1	0	2	1	0	2
	R4	1	0	1	1	0	1	1	0	2
	R5	3	0	1	3	0	1	3	0	1
P105	R2	1	0	1	1	0	1	1	0	1
	R3	1	0	1	1	0	1	1	0	1
	R3L	1	0	2	1	0	2	1	0	2
	R4	1	0	2	1	0	2	1	0	2
	R5	3	0	1	3	0	1	3	0	1
P106	R2	1	0	1	2	0	2	2	0	2
	R3	1	0	1	1	0	1	1	0	2
	R3L	1	0	2	1	0	2	1	0	2
	R4	1	0	2	1	0	2	1	0	2
	R5	3	0	1	3	0	1	3	0	1
P151	R2	1	0	1	1	0	1	1	0	1
	R3	1	0	1	1	0	1	1	0	1
	R3L	1	0	1	1	0	1	1	0	1
	R5	3	0	1	3	0	1	3	0	1
P152	R2	1	0	1	1	0	1	1	0	1
	R3	1	0	1	1	0	1	1	0	1
	R3L	1	0	2	1	0	2	1	0	2
	R5	3	0	1	3	0	1	3	0	1
P153	R2	1	0	1	1	0	1	1	0	1
	R3	1	0	1	1	0	1	1	0	1
	R3L	1	0	2	1	0	2	1	0	2
	R5	3	0	1	3	0	1	3	0	1
P154	R2	2	0	2	2	0	2	2	0	2
	R3	1	0	1	1	0	2	1	0	2
	R3L	1	0	2	1	0	2	1	0	2
	R5	3	0	1	3	0	2	3	0	2
P155	R2	2	0	2	2	0	2	2	0	2
	R3	1	0	2	1	0	2	1	0	2
	R3L	1	0	2	2	0	2	2	0	2
	R5	3	0	2	3	0	2	3	0	2
P156	R2	2	0	2	2	0	2	2	0	2
	R3	1	0	2	1	0	2	1	0	2
	R3L	2	0	2	2	0	2	2	0	2
	R5	3	0	2	3	0	2	3	0	2

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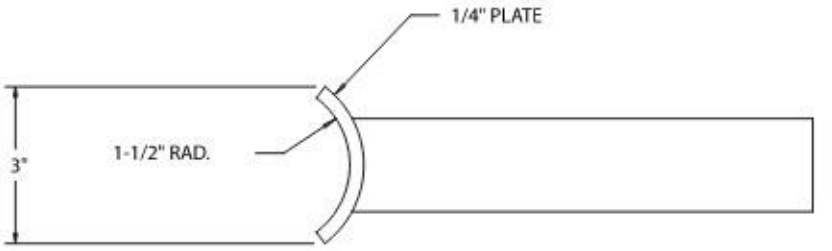
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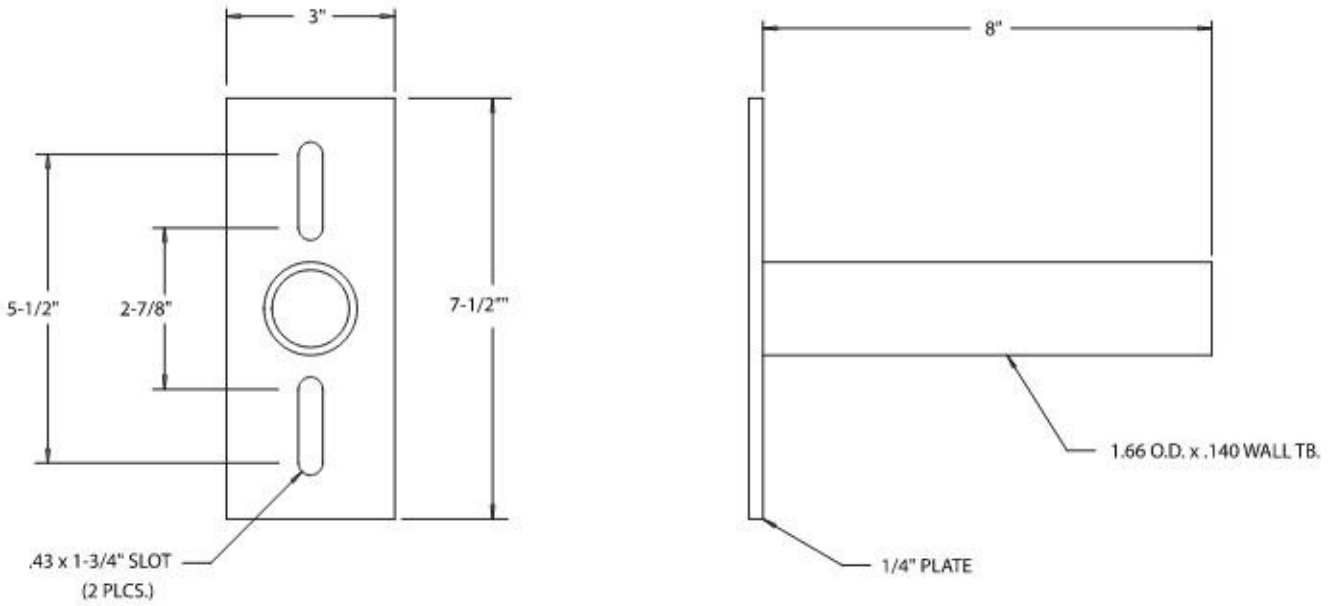
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UMR POLE ADAPTOR

RECOMMENDED FOR USE WITH POLES OF 4" DIAMETER OR SMALLER





UMS POLE ADAPTOR

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