LOCKHART LANDING
APARTMENTS

GAFFNEY, SOUTH CAROLINA

APPLICABLE CODES

IBC 2021 BUILDING CODE	NEC 2020 ELECTRICAL CODE	UPCS	AMERICANS W/ DISABILITIES ACT
IBC 2021 MECHANICAL CODE	IBC 2021 FIRE CODE	2012 NFPA	FAIR HOUSING ACT
IBC 2021 PLUMBING CODE	ICC/ANSI A117.1-2017	MPS	SECTION 504
IBC 2009 ENERGY CONSERVATION CODE			HQS

BUILDING DATA

OCCUPANCY: RESIDENTIAL (R-2)
CONSTRUCTION TYPE: V-A
MIXED OCCUPANCY: NO
SPRINKLERED: YES - 13R SYSTEM

BUILDING HEIGHT: 41'-2"

NUMBER OF STORIES
ALLOWABLE: 3
ACTUAL: BLDGS A & C - 3 STORY
BLDG B - 2 STORY

HEIGHT MOD: NO

LEASING OFFICE
OCCUPANCY: A-3 (PRIMARY)
CONSTRUCTION TYPE: V-B
MIXED OCCUPANCY: YES
SPRINKLERED: NO
BUILDING AREA (UNDER ROOF): 2,250 S.F.
ALLOWABLE: 6,000

BUILDING BREAKDOWN

BLDG. #	BLDG TYPE	1 BR	1 BR H.C.	1 BR ACC.	2 BR	2 BR H.C.	2 BR ACC.	2 BR H.S.	3 BR	3 BR H.C.	3 BR ACC.	3 BR H.S.				TOTAL
1	A				8	1	3		8	1	3					24
2	C	4	1	1	12		5	1								24
3	B				2		2		2		1	1				8
TOTAL		4	1	1	22	1	10	1	10	1	4	1				56

SQUARE FOOTAGES

UNIT TYPE	QUANITY	TOTAL GROSS	NET HEATED	TOTAL GROSS SF	TOTAL NET HEATED
1 BR Accessible	1	868	756	868	756
1 BR Handicap	1	868	756	868	756
1 BR	4	868	756	3472	3024
2 BR Accessible	10	1088	952	10880	9520
2 BR Handicap	1	1088	952	1088	952
2 BR H&SI	1	1088	952	1088	952
2 BR	22	1088	952	23936	20944
3 BR Accessible	4	1263	1122	5052	4488
3 BR Handicap	1	1263	1122	1263	1122
3 BR	10	1263	1122	12630	11220
3 BR H&SI	1	1263	1122	1263	1122
TOTAL # UNITS	60	TOTAL UNIT SQUARE FOOTAGE		62,408	54,856
CLUBHOUSE		2250	1750		

BUILDING SQUARE FOOTAGES

BUILDING TYPE	HEATED SF	GROSS SF			
A (1)	24,888	31,803			
B (1)	8,296	10,586			
C (1)	21,672	28,390			
LO	1,750	2,250			
TOTAL	56,606	73,029			

H.C. UNIT SCHEDULE

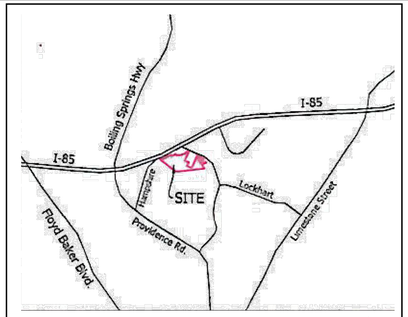
H.C.A. : DENOTES HANDICAP UNITS (GROUND FLOOR UNITS ONLY)

BLDG.	1BR HC	2BR HC	3BR HC	TOTAL
1 (TYPE A)		1	1	2
2 (TYPE C)	1			1
3 (TYPE B)				
TOTAL	1	1	1	3

56 UNITS x 5% = 3 H.C. UNITS - MOBILITY DISABLED UNITS
56 UNITS x 2% = 2 H.S. UNITS - HEARING & SIGHT IMPAIRED -
SEE SITE PLAN FOR 2 H&SI UNIT LOCATIONS
(BLDGS #2 & #3)

SEE SHEET A-1.00 FOR 1BR H.C.
SEE SHEET A-2.00 FOR 2BR H.C.
SEE SHEET A-3.00 FOR 3BR H.C.

PARKING
124 STANDARD PARKING SPACES
9 H.C. PARKING SPACES
133 PARKING SPACES TOTAL



VICINITY MAP
N.T.S.

SHEET INDEX

DRAWING NUMBER	CURRENT ISSUE DATE	DRAWING DESCRIPTION
A-0		COVER SHEET
SL-1		EXISTING CONDITIONS
SL-2		PRELIMINARY SITE LAYOUT
SL-3		GRADING & DRAINAGE PLAN
SL-4		UTILITY PLAN
A-1		1BR UNIT PLANS
A-2		2BR UNIT PLANS
A-3		3BR UNIT PLANS
A-4		BUILDING A FLOOR PLAN
A-5		BUILDING A ELEVATIONS
A-6		BUILDING B FLOOR PLAN
A-7		BUILDING B ELEVATIONS
A-8		BUILDING C FLOOR PLAN
A-9		BUILDING C ELEVATIONS
A-10		LEASING OFFICE PLAN, ELEVATIONS & MAIL STATION
A-11		APPENDIX B
A-12		APPENDIX B
A-13		APPENDIX B
A-14		APPENDIX B

No.	Date	Description
	5.05.26	Full App

Job Number: 26-05

File Reference:

Scale:

CORP. SEAL

SEAL

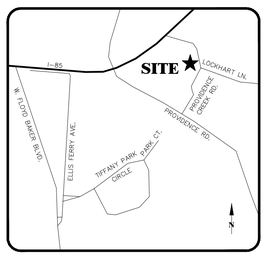
LOCKHART LANDING
APARTMENTS
GAFFNEY, SOUTH CAROLINA

PARKS-PLAYER ARCHITECTURE & PLANNING, LLC
85 CLEVELAND ST, SUITE 201
GREENVILLE, SC, 29601
(864) 382-5500

COVER SHEET

Sheet Number:
A-0

THIS DRAWING IS THE PROPERTY OF PARKS-PLAYER ARCHITECTURE & PLANNING, LLC AND IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART. IT IS ONLY TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN AND IS NOT TO BE USED ON ANY OTHER PROJECT. IT IS TO BE RETURNED UPON REQUEST.



VICINITY MAP

I hereby state that to the best of my knowledge, information, and belief the survey shown herein was made in accordance with the requirements of the minimum standards manual for the practice of land surveying in South Carolina, and meets or exceeds the requirements for a Class B Survey as specified therein; also there are no visible encroachments or projections than shown.

THIS SURVEY IS FOR THE PARTY TO WHOM IT IS FURNISHED, IS NOT TRANSFERABLE, AND MAY NOT BE USED BY ANY OTHER PERSON OR ENTITY WITHOUT THE PRIOR WRITTEN CONSENT OF SOUTHER LAND SURVEYING.

SURVEY IS VALID ONLY IF PRINT HAS ORIGINAL SEAL & SIGNATURE OF SURVEYOR.

CHECK ALL RIGHTS-OF-WAY AND SETBACKS BEFORE CONSTRUCTION.

THIS PROPERTY IS SUBJECT TO ALL RIGHTS-OF-WAY, EASEMENTS AND RESTRICTIONS OF RECORD AND NOT OF RECORD.

THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY THE SURVEYOR.

ALL UNDERGROUND UTILITIES ARE NOT SHOWN AND THEIR LOCATIONS ARE UNKNOWN TO ME.

EXISTING STRUCTURE DEMO PLAN

F: No existing structures will be renovated. All existing structures and site improvements will be completely removed from the site and legally disposed of before new construction begins.

G: Prior to any demolition activity a qualified abatement specialist will be contracted to remove asbestos containing materials including roof coatings, roof sealants, transite cement siding, exterior door and window caulk, TSI – ceiling panels, 9" floor tiles, moisture barriers, TSI – pipe insulation, TSI – rope gaskets, boiler insulation and TSI – pipe insulation. A preconstruction meeting will be held to notify trades of ACMs to prevent possible occupational exposures. No other trades or contractors will be permitted on site during abatement of ACMs. The abatement contractor shall give SCDHEC 10 days written notice prior to abatement. All ACMs identified for removal in the asbestos survey test results and recommendations shall be abated and disposed of according to all applicable OSHA, EPA and SCDHEC regulations including proper training, transportation, disposal and chain of custody recording keeping. Any additional suspect ACM's uncovered during the course of abatement or demolition shall be treated as either a) having already tested positive for ACM and abated accordingly, or b) tested for ACMs prior to disturbance of the suspect materials with appropriate action to follow after the updated report results are made available.

NOTE: EXISTING STRUCTURES TO BE DEMOLISHED

TOTAL: 6.276 ACRES

Horizontal Datum: NAD 83 (2011), South Carolina State Plane Coordinate System, U.S. Survey Feet
Vertical Datum: NAVD 88 – Contours shown hereon are at 1-foot intervals

TOPOGRAPHIC SURVEY FOR:
TC HAMPSHIRE, LLC
CHEROKEE COUNTY, SOUTH CAROLINA

LEGAL REFERENCE: DB 171 .p. 1301
PB 110 .p. 777
TAX MAP REFERENCE: P/O 098-00-00-011.000

LEGAL REFERENCE: DB 171 .p. 1301
PB 7A .p. 218
TAX MAP REFERENCE: 098-00-00-020.000

LEGAL REFERENCE: DB 171 .p. 1301
PB 7A .p. 217
TAX MAP REFERENCE: 098-00-00-021.001

01 MAY 2026

HARMONY RESIDENTAL CARE CENTER
DB 13 .p. 29
PB 13 K .p. 567
098-00-00-011.002

LOCKHART LANE APARTMENTS
DB 13 F .p. 434
PB 13 E .p. 35
098-00-00-011.001

T.B.M. – SCVRS – NAVD-88
ELEV= 741.49'
SPC N:1188518.03 IFT
E:1806600.70 IFT

T.B.M. – SCVRS – NAVD-88
ELEV= 740.50'
SPC N:1188440.47 IFT
E:1806855.71 IFT

T.B.M. – SCVRS – NAVD-88
ELEV= 738.51'
SPC N:1188189.44 IFT
E:1806332.43 IFT

T.B.M. – SCVRS – NAVD-88
ELEV= 730.91'
SPC N:1188164.28 IFT
E:1807052.88 IFT

SSMH-745.09'
INV. IN-736.74'
INV. OUT-736.64'

SSMH-741.97'
INV. IN-734.92'
INV. OUT-734.82'

SSMH-735.77'
INV. IN-729.12'
INV. OUT-729.07'

SSMH-732.46'
INV. IN-720.81'
INV. OUT-720.71'

SSMH-729.92'
INV. IN-718.67'
INV. OUT-718.27'

CURVE TABLE

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	1667.03'	142.12'	142.08'	S64°17'13"E	4°53'05"
C2	602.01'	106.53'	106.39'	S55°35'38"E	10°08'21"
C3	602.01'	69.79'	69.75'	S47°12'12"E	6°38'33"
C4	385.23'	86.18'	86.00'	S37°45'42"E	12°49'03"
C5	385.23'	39.93'	39.91'	S28°23'01"E	5°56'17"

TC HAMPSHIRE, LLC
DB 171 .p. 1301
PB 7A .p. 217
098-00-00-021.001
44,625sq. ft.
1.0244AC

TC HAMPSHIRE, LLC
DB 171 .p. 1301
PB 7A .p. 218
098-00-00-020.000
22,160sq. ft.
0.5087AC

TC HAMPSHIRE, LLC
DB 171 .p. 1301
PB 110 .p. 777
P/O 098-00-00-011.000
206,612sq. ft.
4.7432AC

MAURICE LEE HENDERSON
DB 55 .p. 285
PB 10B .p. 81
098-00-00-019.001

PATSY RUTH OWENSBY LE
DB 223 .p. 284
PB 8K .p. 455
098-00-00-019.000

SOUTH CAROLINA DEPT. OF MENTAL HEALTH
DB 99 .p. 409
PB 91 .p. 2281
098-00-00-012.000

GREENVILLE SPARTANBURG MHP LLC
DB 145 .p. 916
PB C76 .p. 10
098-00-00-014.009

PROPOSED NEW PROPERTY LINE

TC HAMPSHIRE, LLC
DB 171 .p. 1301
PB 7A .p. 218
P/O 098-00-00-011.000

LOCKHART LANE
(40' PRIVATE R/W)

BUILDING
APARTMENT BUILDING
MOBILE HOME
SHED
GRAVEL DRIVE
ASPHALT DRIVE
ELEC. TRANS.

N18°11'25"E 28.61'
S72°48'35"E 218.95'
S24°51'49"E 94.47'
N24°11'26"E 284.50' (TIE)
N65°44'54"W 415.06' (TIE)
S83°21'25"W 676.08' (TIE)
N24°11'26"E 110.00'
S83°21'25"W 659.87'
N24°31'15"E 201.18'
N67°26'35"E 222.23'
S67°26'49"W 221.94'
S37°59'14"E 118.34'
S37°17'37"E 128.73'
N39°09'25"E 211.48'

1/2" REBAR
5/8"REBAR
1/2" OT PIPE
1.5" OT PIPE
3/4" SOLID ROD

LEGEND
- 1/2" REBAR FOUND (IPO)
- 1/2" REBAR SET (IPS)
- MAG NAIL FOUND IN ROAD
- MAG NAIL SET IN ROAD
- POWER POLE
- LIGHT POLE
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- CONCRETE
- FENCE
- OVERHEAD POWER

NOTES:
ALL PINS ARE 1/2" REBAR OR MAG NAILS IN ROAD, UNLESS OTHERWISE NOTED.

GRAPHIC SCALE
20 10 0 40 80
1 INCH = 40 FEET

SC GRID (NAD 83)

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION NO.C02524 SOUTHER LAND SURVEYING, INC.

SOUTH CAROLINA PROFESSIONAL SEAL 21232 LAND SURVEYOR GEORGE B. SOUTHER

GEORGE B. SOUTHER P.L.S. 21232
JOB NO. 13732

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SOUTHER
LAND SURVEYING
10253 ASHEVILLE HWY
INMAN, SC 29349
864-473-1240

No.	Date	Description
	5.05.26	Full App

Job Number: 26-05
File Reference:
Scale: AS SHOWN
CORP. SEAL
SEAL

LOCKHART LANDING
APARTMENTS
GAFFNEY, SOUTH CAROLINA

PARKS-PLAYER ARCHITECTURE & PLANNING, LLC
85 CLEVELAND ST. SUITE 201
GREENVILLE, SC 29601
(864) 382-5000

EXISTING CONDITIONS

Sheet Number:
SL-1

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BUILDING BREAKDOWN

BLDG #	BLDG TYPE	1 BR	1 BR H.C.	2 BR	2 BR H.C.	2 BR H&SI	3 BR	3 BR H.C.	3 BR H&SI	TOTAL
BLDG #1	A			11	1		11	1		24
BLDG #2	C	5	1	17		1				24
BLDG #3	B			4			3		1	8
TOTAL		5	1	32	1	1	14	1	1	56

SITE = 6.276 ACRES
TAX MAP #: 098-00-00-021 (1.0244 AC),
098-00-00-020 (0.5087 AC) &
PORTION OF 098-00-00-011 (4.7432 AC OF 21.603 AC)
ZONED: GC & RES

PARKING:
124 PARKING SPACES
9 H.C. PARKING SPACES ♿
133 TOTAL PARKING SPACES = 2.375 SPACES PER UNIT

HANDICAP UNITS DESIGNATED BY: HC
HEARING & SIGHT IMPAIRED UNITS DESIGNATED BY: H&SI
HANDICAP UNIT DISTRIBUTION:
MOBILITY DISABLED UNITS = 5% = 3 HC UNITS
HEARING & SIGHT IMPAIRED UNITS = 2% = 2 H&SI UNIT

SPRINKLER CLOSET LOCATIONS : SP SEE SL-4

FDC DESIGNATED BY : FDC SEE SL-4

LAMP POLES : LOCATIONS TO BE APPROVED AFTER SITE PHOTOMETRICS COMPLETED ☒
NOTE: WATER & SEWER TO BE APPROVED BY LOCAL AUTHORITY

N

40 0 20 40 80

1" = 40'

No.	Date	Description
	5.05.26	Full App

Job Number: 26-05

File Reference:

Scale: AS SHOWN

CORP. SEAL

SEAL

LOCKHART LANDING
APARTMENTS

GAFFNEY, SOUTH CAROLINA

PARKS-PLAYER ARCHITECTURE & PLANNING, LLC
85 CLEVELAND ST. SUITE 201
GREENVILLE, SC. 29601
(864) 382-5000

PRELIMINARY SITE LAYOUT

Sheet Number:
SL-2

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BUILDING BREAKDOWN										
BLDG #	BLDG TYPE	1 BR	1 BR H.C.	2 BR	2 BR H.C.	2 BR H&SI	3 BR	3 BR H.C.	3 BR H&SI	TOTAL
BLDG #1	A			11	1		11	1		24
BLDG #2	C	5	1	17		1				24
BLDG #3	B			4			3		1	8
TOTAL		5	1	32	1	1	14	1	1	56

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MOBILITY DISABLED UNITS = 5% = 3 HC UNITS
HEARING & SIGHT IMPAIRED UNITS = 2% = 2 H&SI UNIT

SPRINKLER CLOSET LOCATIONS : SP SEE SL-4
FDC DESIGNATED BY : FDC SEE SL-4

LAMP POLES : LOCATIONS TO BE APPROVED AFTER SITE PHOTOMETRICS COMPLETED ☒
NOTE: WATER & SEWER TO BE APPROVED BY LOCAL AUTHORITY

NOTE: SITE GRADED FOR POSITIVE DRAINAGE AS PER THE QAP REQUIREMENTS

NOTE: UTILITIES TO BE UNDERGROUND THROUGHOUT THE DEVELOPMENT SITE

No.	Date	Description
	5.05.26	Full App

Job Number: 26-05

File Reference:

Scale: AS SHOWN

CORP. SEAL

SEAL

LOCKHART LANDING
APARTMENTS
GAFFNEY, SOUTH CAROLINA

PARKS-PLAYER ARCHITECTURE & PLANNING, LLC
85 CLEVELAND ST. SUITE 201
GREENVILLE, SC. 29601
(864) 382-5000

GRADING & DRAINAGE PLAN

Sheet Number:
SL-3

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EXISTING OVERHEAD POWER - CABLE, INTERNET & TELEPHONE

EXISTING SAN. SEWER

SSMH–745.09'
INV. IN–736.74'
INV. OUT–736.64'

SSMH–741.97'
INV. IN–734.92'
INV. OUT–734.82'

PROPOSED WATER

EXISTING WATER

T.B.M. – SCVRS – NAVD–88
ELEV= 740.50'

SSMH–735.77'
INV. IN–729.12'
INV. OUT–729.07'

EXISTING SANITARY SEWER

PROPOSED SANITARY SEWER

SSMH–732.46'
INV. IN–720.81'
INV. OUT–720.71'

SSMH–729.92'
INV. IN–718.67'
INV. OUT–718.27'

T.B.M. – SCVRS – NAVD–88
ELEV= 730.91'

T.B.M. – SCVRS – NAVD–88
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HARMONY RESIDENTAL CARE CENTER
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098–00–00–011.002

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098–00–00–011.001

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098–00–00–021.001
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1.0244AC

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PB 7A .p. 218
098–00–00–020.000
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PB 91 .p. 2281
098–00–00–012.000

GREENVILLE SPARTANBURG MHP LLC
DB 145 .p. 916
PB C76 .p. 10
098–00–00–014.009

FENCED DETENTION

LOCKHART LANE
SCDOT PROJECT #P029725

ASPHALT DRIVE

BUILDING

APARTMENT BUILDING

MOBILE HOME

SHED

GRAVEL DRIVE

ELEC. TRANS.

FDC
SP

1/2" OT PIPE

1.5" OT PIPE

3/4" SOLID ROD

5/8"REBAR

N18°11'25"E 28.61'

S25°09'06"E 108.13'

N39°29'15"E 211.46'

S47°39'24"E 45.58'

N67°26'35"E 222.23'

S67°26'35"W 221.94'

S36°50'17"E 116.94'

S31°47'17"E 105.14'

S83°21'25"W 659.87'

N24°31'15"E 591.51'

N24°31'15"E 10.55'

N65°44'54"W 215.06' (TIE)

S41°17'26"E 184.50'(TIE)

1" = 40'

BUILDING BREAKDOWN										
BLDG #	BLDG TYPE	1 BR	1 BR H.C.	2 BR	2 BR H.C.	2 BR H&SI	3 BR	3 BR H.C.	3 BR H&SI	TOTAL
BLDG #1	A			11	1		11	1		24
BLDG #2	C	5	1	17		1				24
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SPRINKLER CLOSET LOCATIONS : SP SEE SL-4

FDC DESIGNATED BY : FDC SEE SL-4

LAMP POLES : LOCATIONS TO BE APPROVED AFTER SITE PHOTOMETRICS COMPLETED ☒

NOTE: WATER & SEWER TO BE APPROVED BY LOCAL AUTHORITY

NOTE: UTILITIES TO BE UNDERGROUND THROUGHOUT THE DEVELOPMENT SITE

No.	Date	Description
	5.05.26	Full App

Job Number: 26-05

File Reference:

Scale: AS SHOWN

CORP. SEAL

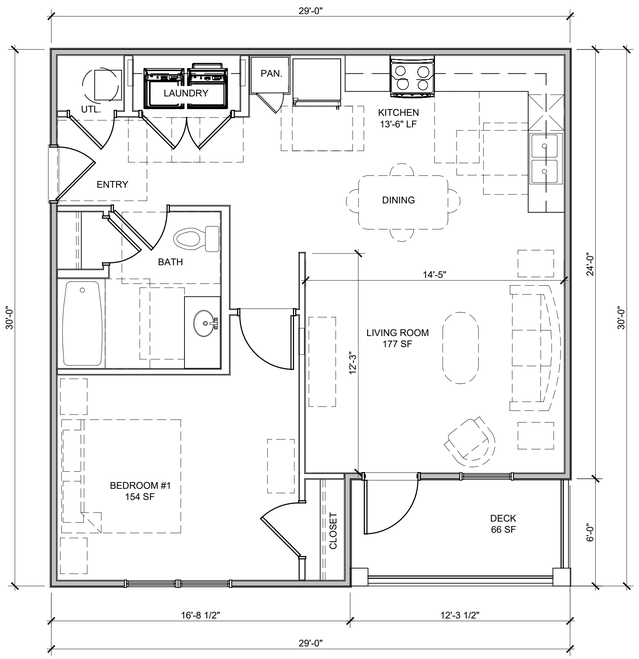
SEAL

LOCKHART LANDING
APARTMENTS
GAFFNEY, SOUTH CAROLINA

PARKS-PLAYER ARCHITECTURE & PLANNING, LLC
85 CLEVELAND ST. SUITE 201
GREENVILLE, SC. 29601
(864) 382-5000

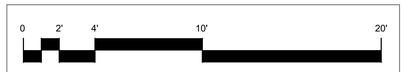
UTILITY PLAN

Sheet Number:
SL-4

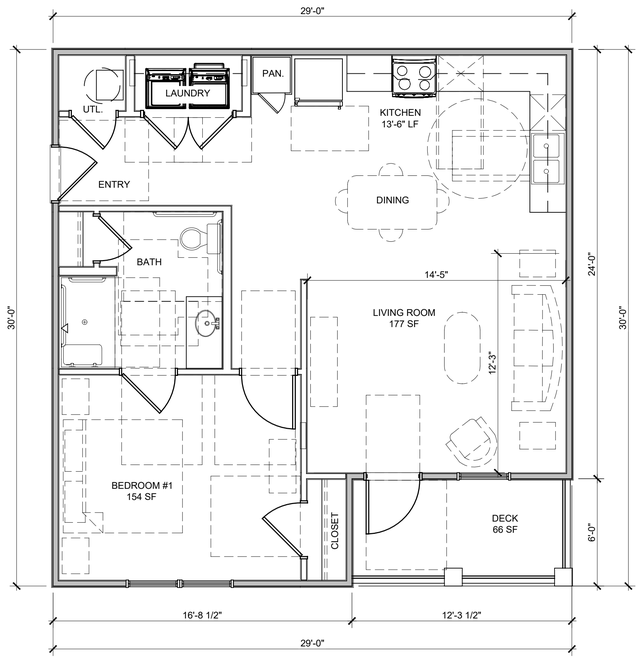


1 1BR UNIT FLOOR PLAN — UPPER SIMILAR
1/4" = 1'-0"
TOTAL SF: 868 SF
HEATED SF: 756 SF
HEARING & SIGHT IMPAIRED UNIT SIMILAR

PLANS MEET THE "APPENDIX B" DEVELOPMENT DESIGN CRITERIA SET FORTH BY THE 2026 SC QAP



SCALE: 1/4" = 1'-0"



2 1BR HC UNIT FLOOR PLAN
1/4" = 1'-0"
TOTAL SF: 868 SF
HEATED SF: 756 SF

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	5.05.26	Full App

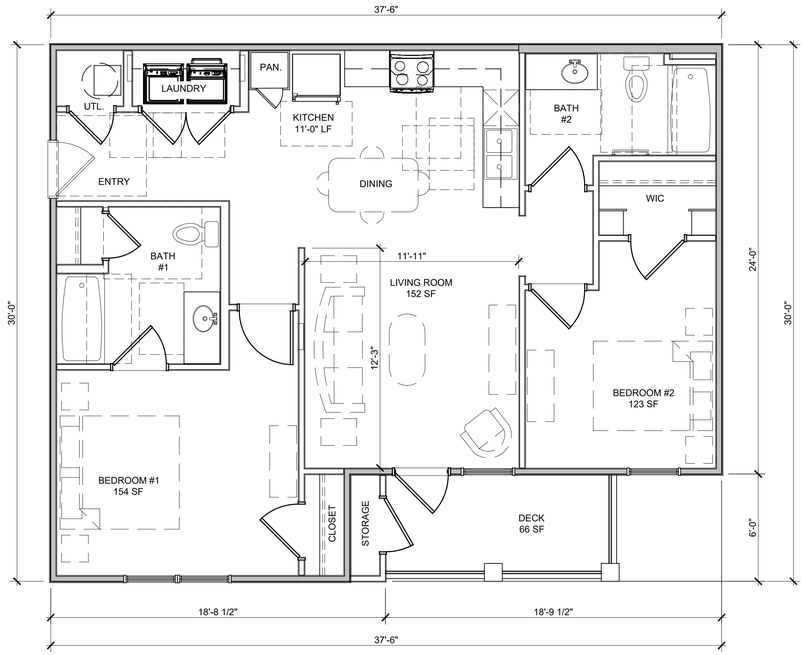
Job Number: 26-05
File Reference:
Scale: AS SHOWN
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SEAL

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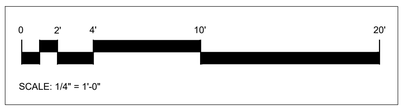
1BR UNIT PLANS

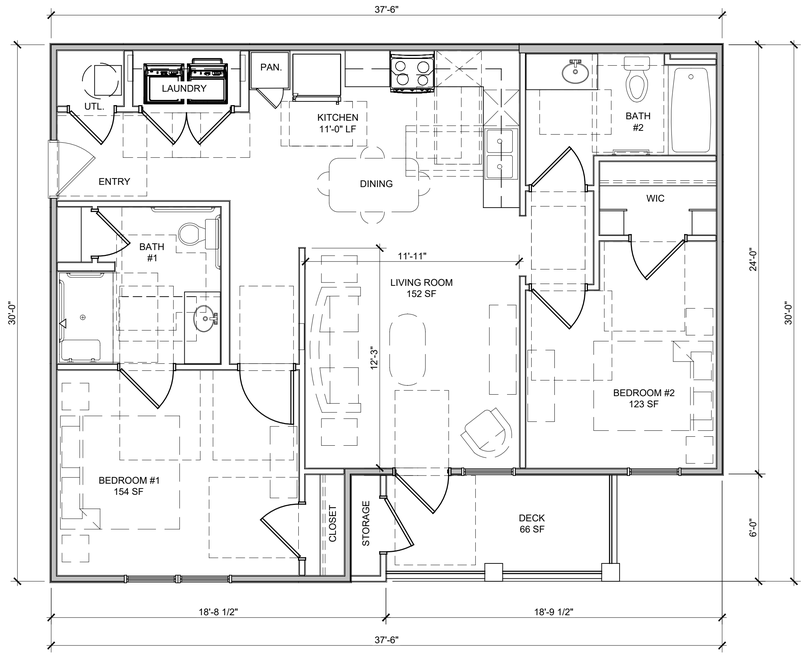
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1 2BR UNIT FLOOR PLAN — UPPER SIMILAR
1/4" = 1'-0"
TOTAL SF: 1088 SF
HEATED SF: 952 SF
HEARING & SIGHT IMPAIRED UNIT SIMILAR

PLANS MEET THE "APPENDIX B" DEVELOPMENT DESIGN CRITERIA SET FORTH BY THE 2026 SC QAP





2 2BR HC UNIT FLOOR PLAN
1/4" = 1'-0"
TOTAL SF: 1088 SF
HEATED SF: 952 SF

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Job Number: 26-05

File Reference:

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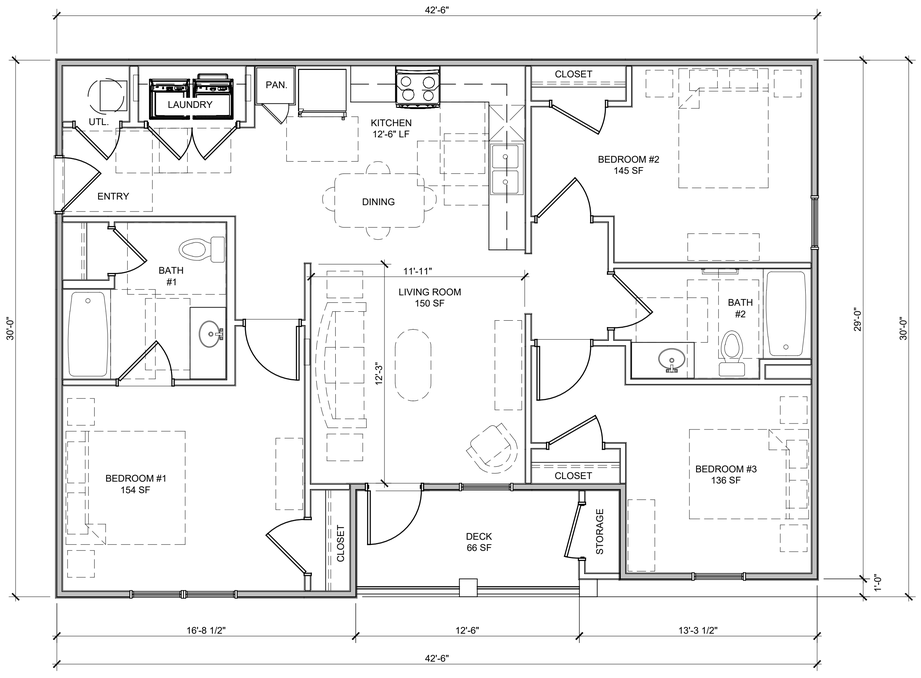
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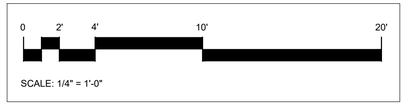
2BR UNIT PLANS

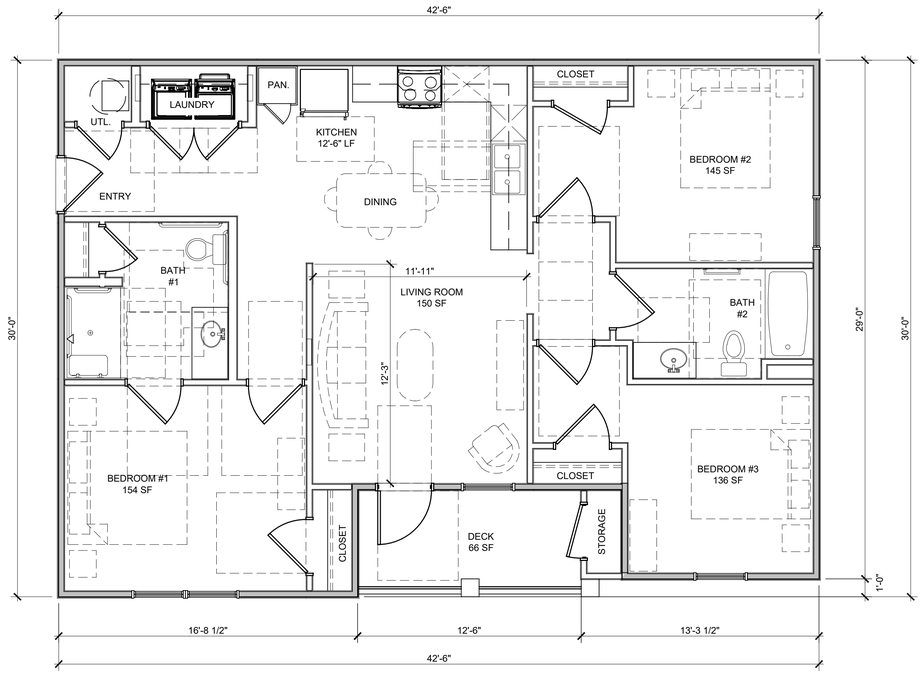
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1 **3BR UNIT FLOOR PLAN** — UPPER SIMILAR
1/4" = 1'-0"
TOTAL SF: 1263 SF
HEATED SF: 1122 SF
HEARING & SIGHT IMPAIRED UNIT SIMILAR

PLANS MEET THE "APPENDIX B" DEVELOPMENT DESIGN CRITERIA SET FORTH BY THE 2026 SC QAP





2 **3BR HC UNIT FLOOR PLAN**
1/4" = 1'-0"
TOTAL SF: 1263 SF
HEATED SF: 1122 SF

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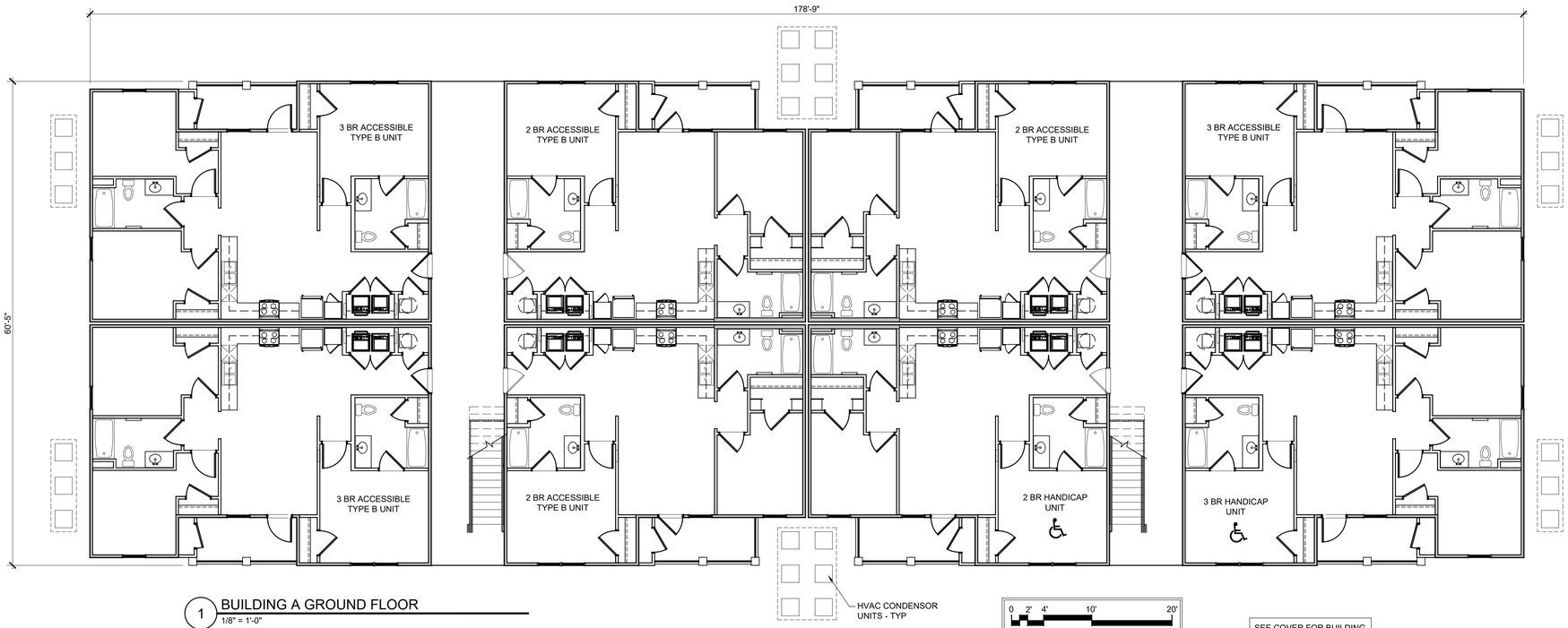
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File Reference:
Scale: AS SHOWN
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3BR UNIT PLANS

Sheet Number:
A-3.00

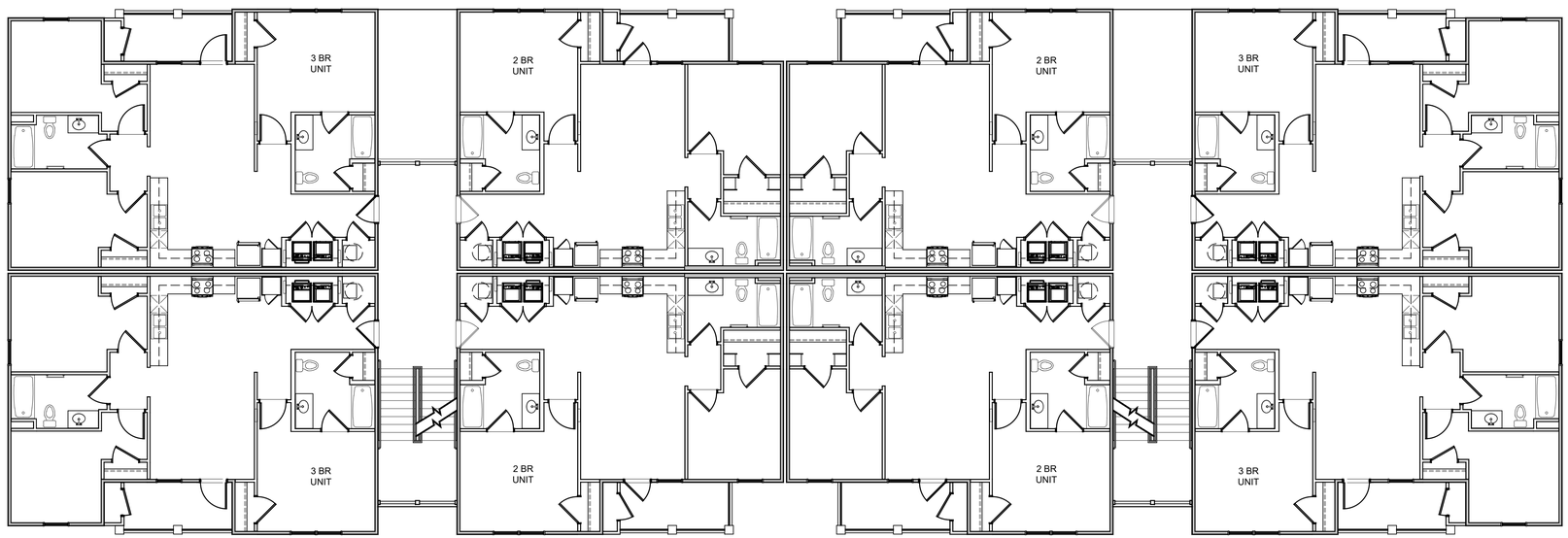


1 BUILDING A GROUND FLOOR
1/8" = 1'-0"

0 2' 4' 10' 20'
SCALE: 1/8" = 1'-0"

SEE COVER FOR BUILDING SQUARE FOOTAGES

PLANS MEET THE "APPENDIX B" DEVELOPMENT DESIGN CRITERIA SET FORTH BY THE 2026 SC QAP



2 BUILDING A UPPER FLOOR
1/8" = 1'-0"

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Job Number: 26-05

File Reference:

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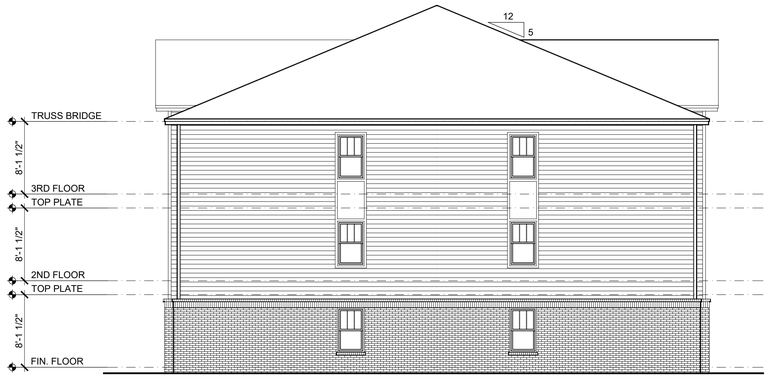
BUILDING A FLOOR PLANS

Sheet Number:
A-4.00



1 BUILDING TYPE "A" FRONT & REAR ELEVATION
1/8" = 1'-0"

NOTE: VERIFY ALL MATERIALS W/
OWNER & 2026 SC QAP REQUIREMENTS



2 BUILDING TYPE "A" SIDE ELEVATION
1/8" = 1'-0"

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SEAL

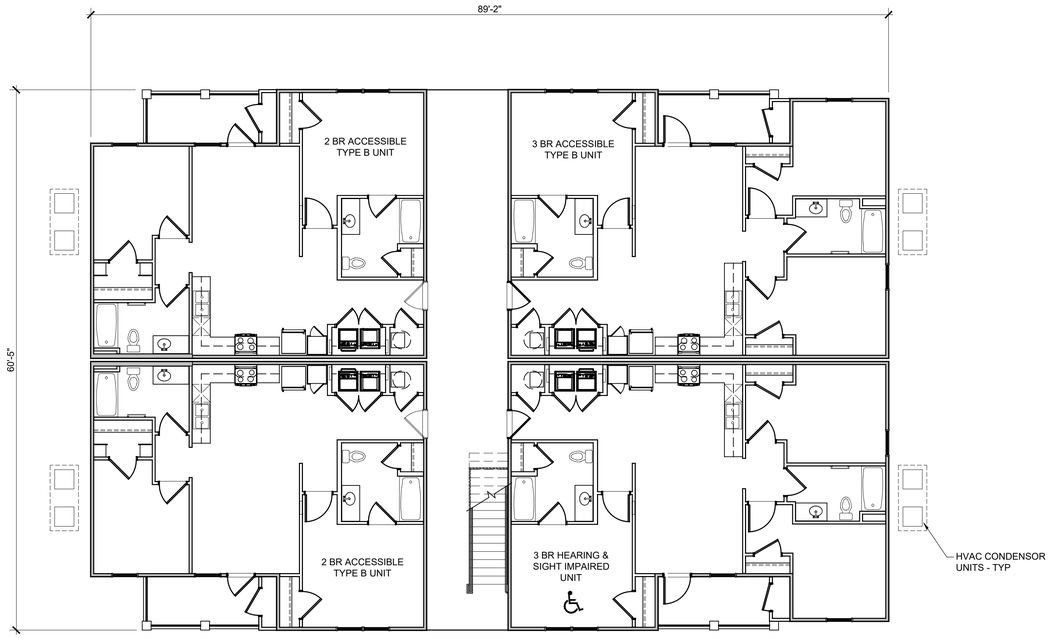
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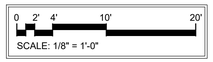
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BUILDING A
ELEVATIONS

Sheet Number:
A-5.00

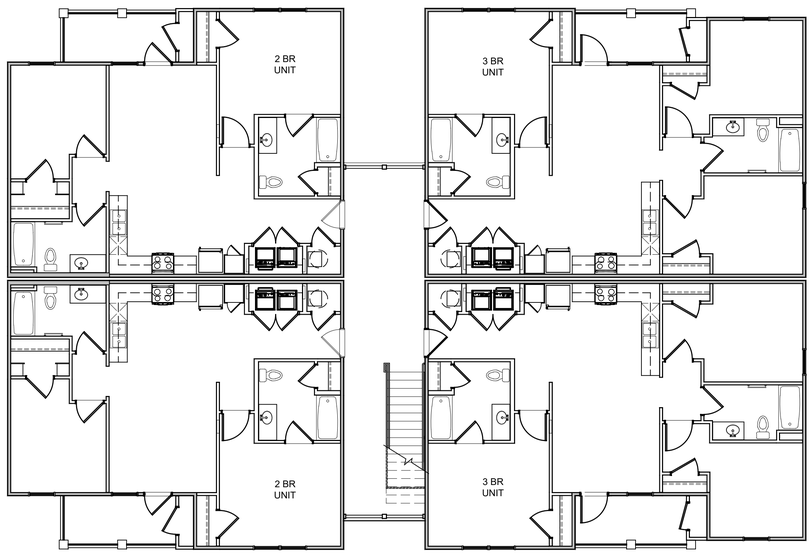


1 BUILDING A GROUND FLOOR
1/8" = 1'-0"



SEE COVER FOR BUILDING SQUARE FOOTAGES

PLANS MEET THE "APPENDIX B" DEVELOPMENT DESIGN CRITERIA SET FORTH BY THE 2026 SC QAP



2 BUILDING A UPPER FLOOR
1/8" = 1'-0"

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	5.05.26	Full App

Job Number: 26-05

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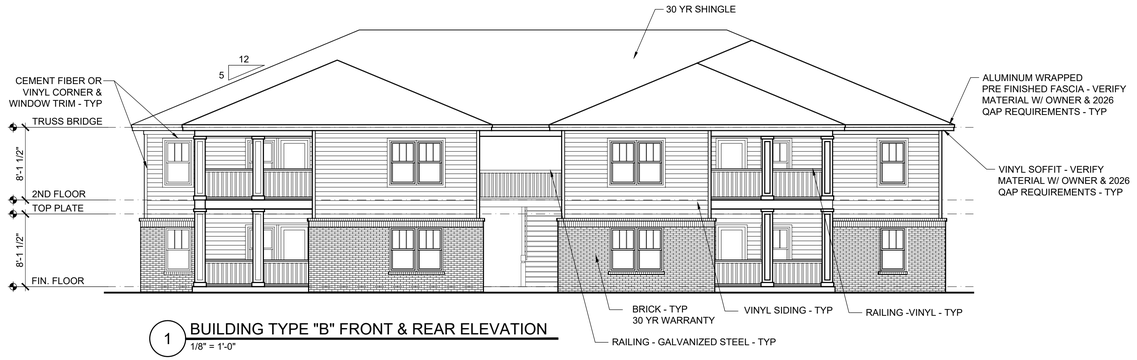
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BUILDING B FLOOR PLANS

Sheet Number:
A-6.00



1 BUILDING TYPE "B" FRONT & REAR ELEVATION
1/8" = 1'-0"

NOTE: VERIFY ALL MATERIALS W/ OWNER & 2026 SC QAP REQUIREMENTS



2 BUILDING TYPE "B" LEFT SIDE ELEVATION
1/8" = 1'-0"



3 BUILDING TYPE "B" RIGHT SIDE ELEVATION
1/8" = 1'-0"

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	5.05.26	Full App

Job Number: 26-05

File Reference:

Scale: AS SHOWN

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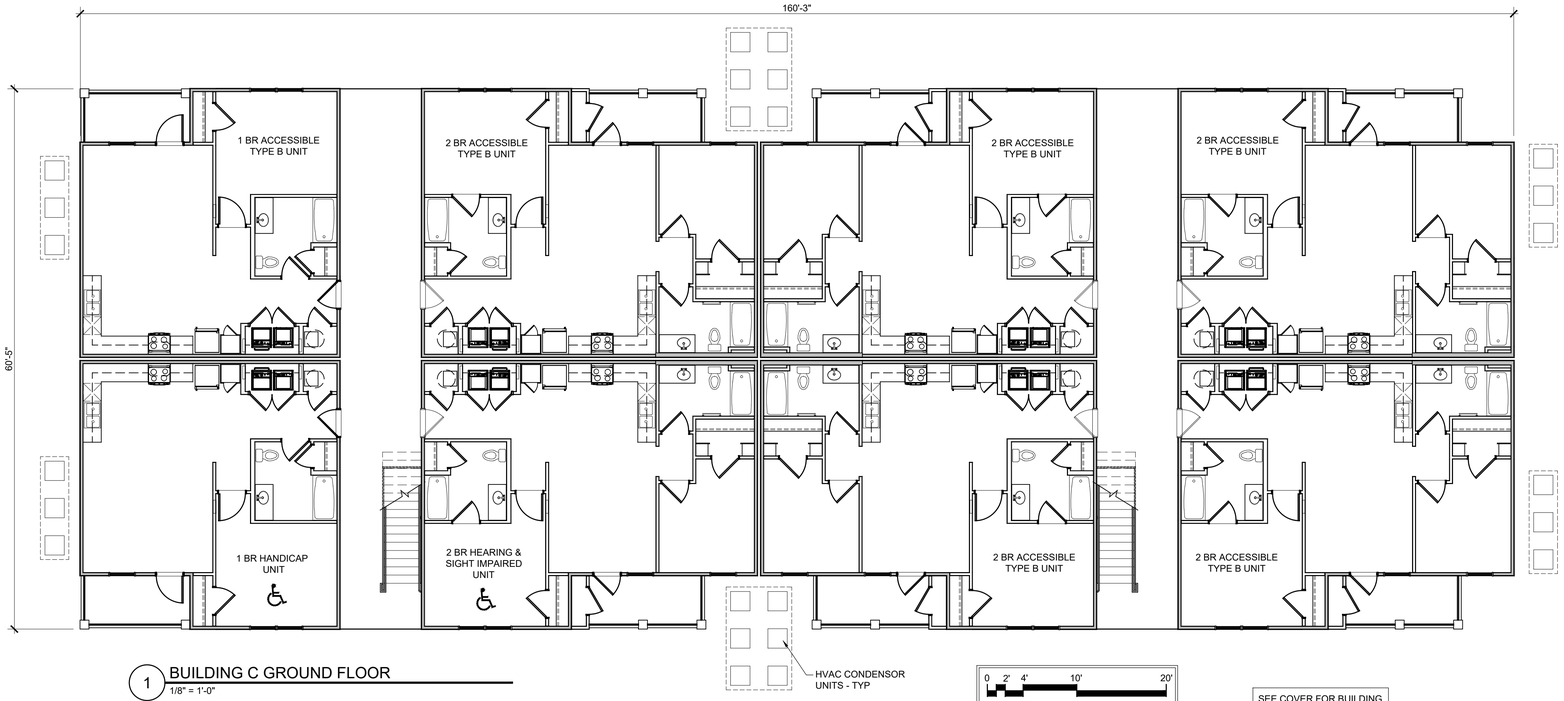
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BUILDING B ELEVATIONS

Sheet Number:
A-7.00

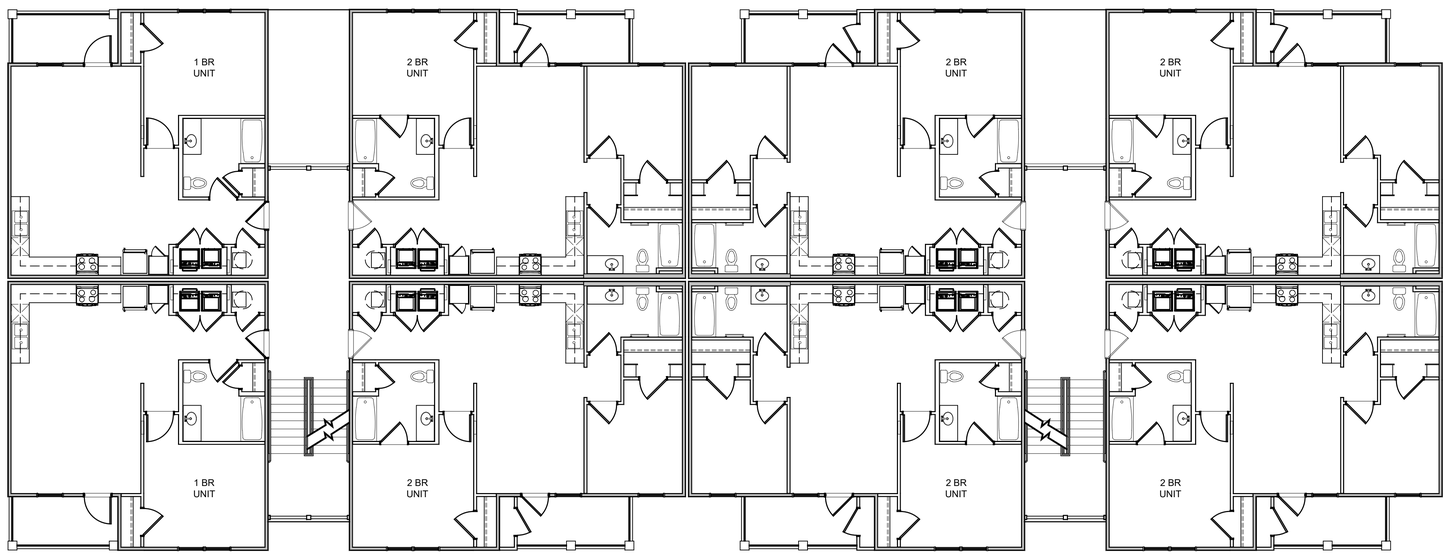


1 BUILDING C GROUND FLOOR
1/8" = 1'-0"

0 2' 4' 10' 20'
SCALE: 1/8" = 1'-0"

SEE COVER FOR BUILDING SQUARE FOOTAGES

PLANS MEET THE "APPENDIX B" DEVELOPMENT DESIGN CRITERIA SET FORTH BY THE 2026 SC QAP



2 BUILDING C UPPER FLOOR
1/8" = 1'-0"

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BUILDING C FLOOR PLANS

Sheet Number:
A-8.00



1 BUILDING TYPE "C" FRONT & REAR ELEVATION
1/8" = 1'-0"

NOTE: VERIFY ALL MATERIALS W/
OWNER & 2026 SC QAP REQUIREMENTS



2 BUILDING TYPE "C" LEFT SIDE ELEVATION
1/8" = 1'-0"



3 BUILDING TYPE "C" SIDE ELEVATION
1/8" = 1'-0"

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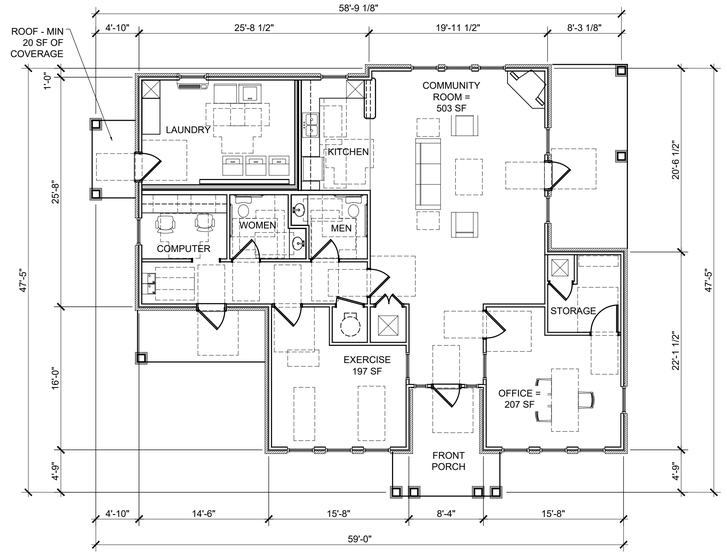
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BUILDING C
ELEVATIONS

Sheet Number:
A-9.00



1 LEASING OFFICE
1/8" = 1'-0"

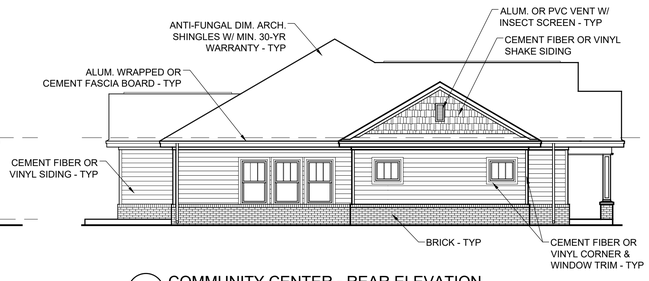
BUILDING HEATED SF: 1,750 SF
BUILDING SF: 2,250 SF

0 2' 4' 10' 20'
SCALE: 1/8" = 1'-0"

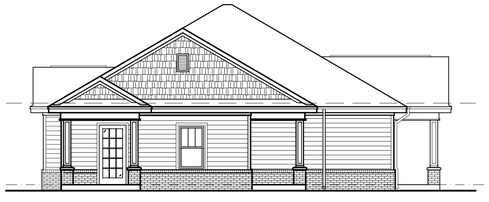
PLANS MEET THE "APPENDIX B" DESIGN QUALITY STANDARDS AND REQUIREMENTS SET FORTH BY THE 2026 NC QAP



2 COMMUNITY CENTER - FRONT ELEVATION
1/8" = 1'-0"



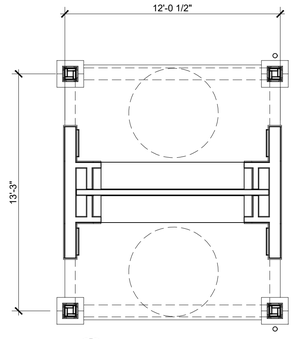
3 COMMUNITY CENTER - REAR ELEVATION
1/8" = 1'-0"



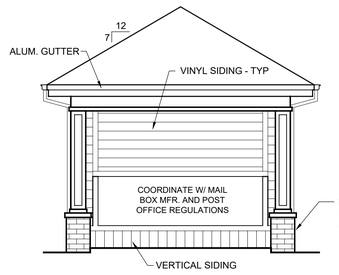
4 COMMUNITY CENTER - LEFT SIDE ELEVATION
1/8" = 1'-0"



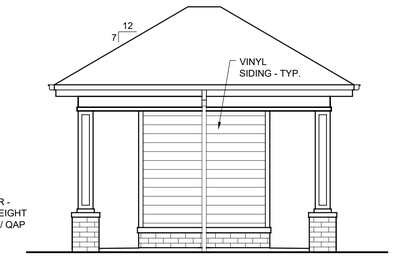
5 COMMUNITY CENTER - RIGHT SIDE ELEVATION
1/8" = 1'-0"



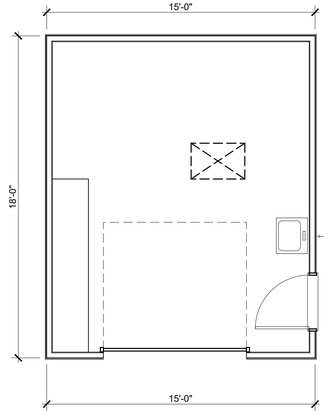
6 MAIL STATION PLAN
1/4" = 1'-0"



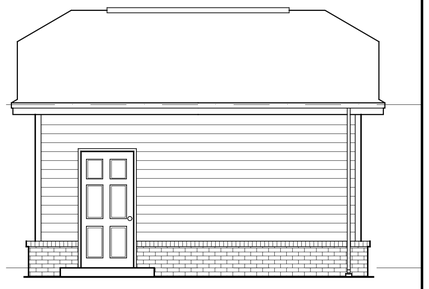
7 MAIL STATION ELEVATION
1/4" = 1'-0"



8 MAIL STATION SIDE ELEVATION
1/4" = 1'-0"



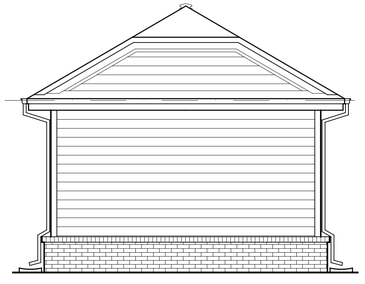
9 MAINTENENACE FLOOR PLAN
1/4" = 1'-0"



10 MAINTENENACE SIDE ELEVATION
1/4" = 1'-0"



11 MAINTENENACE FRONT ELEVATION
1/4" = 1'-0"



12 MAINTENENACE REAR ELEVATION
1/4" = 1'-0"

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LEASING OFFICE, MAIL & MAINT. PLANS & ELEV.'S

Sheet Number:
A-10.00

APPENDIX B

DEVELOPMENT DESIGN CRITERIA

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The terms of these mandatory design criteria are the minimum requirements for any project awarded LIHTCs. Required documents must be prepared by engineers and architects licensed to do business in South Carolina.

Owners must submit a full size (24" x 36") electronic version of the final plans and specifications and receive approval before commencing site work or construction. At all times after award, the owner is responsible for promptly informing the Authority of any changes or alterations which deviate from the final plans and specifications approved by the Authority. The owners must not take action on any material change, the site layout, floor plan, elevations or amenities without a completed change order approved by the Authority. This includes changes required by local governments to receive building permits.

Nothing in this Appendix shall be construed to modify or eliminate any legally imposed requirement, including those governing accessibility.

I. DESIGN DOCUMENT STANDARDS

A. Code Compliance

Construction must be in compliance with all federal, state, county, city, local and governing jurisdictions codes, in addition to:

1. Fair Housing Act.
2. Section 504.
3. HUD Housing Quality Standards (HQS).
4. HUD Minimum Property Standards (MPS).
5. HUD Uniform Physical Condition Standards (UPCS).

These code standards are not meant to replace Federal, State or local codes.

B. Application Plan Requirements

Plans must be submitted in electronic via the application system.

1. Site & Civil plans, four pages minimum, using a scale of 1" = 30' or 40' with a north arrow that include:
   a. Phased site plan.
   b. Vicinity map.
   c. Street name(s) where site access is made.
   d. Site acreage with Tax map #s.
   e. Flood plains and wetlands as determined by qualified wetlands professional
   f. Site zoning restrictions including but not limited to: setback, utility easements, ingress/egress easements, right of ways and boundary lines.
   g. Existing topographic elevations and proposed elevations.
   h. Location of existing and any proposed changes to existing structures, buildings, roadways and parking areas.

   i. Finished floor elevations for all buildings.
   j. Building(s) layout with locations of proposed specialty units including but not limited to handicapped and sensory impaired locations.
   k. Site features such as community building, playground, picnic shelter, gazebo, walking trails, refuse collection area, postal facilities and site entrance signage.
   l. Planed roads and parking areas with parking spaces clearly depicted.
   m. Retaining walls.
   n. Current underground utilities, including but not limited to: sanitary sewer, water, gas, electric, cable, internet and telephone if available.
   o. Storm water detention, detention pond, underground detention, storm water/detention easement.
   p. All proposed fencing.
   q. Location of any proposed/new utility easements, ingress/egress easements and right of ways.
2. Architectural plans that include:
   a. Front, rear and side elevations of all building types and identify all materials to be used on building (s) exterior using a scale of 1/8" = 1'.
   b. Building plans using a scale of 1/8" or ¼" = 1'.
   c. Building plans to include total square footage and heated total square footage.
   d. Dimensioned floor plans for all unit types using a scale of ¼" = 1" that include heated square footage, total square footage and individual room square footage. Plans must include furniture and equipment layouts.
   e. Dimensioned floor plans for all Community Buildings or Rooms, Site Amenities and Facilities using a scale of ¼" =1" that include heated square footage, total square footage and individual room square footage. Plans must include the furniture and equipment layout.
   f. For projects involving renovation and/or demolition of existing structures, proposed changes to building components and design shown in redline and also describe removal and new construction methods.
   g. For projects involving removal of asbestos and/or lead based paint removal, general notes identifying location and procedures for removal.

C. Final Plan and Specification Requirements

No later than twelve (12) months after the Reservation Date, all awarded projects must submit a full set of completed Plans, Specifications and Geotechnical Soil Reports that include all application plan requirements, any changes from the application plan submittal, and the following:

1. Plans must include and incorporate all Mandatory and Optional Design Criteria into the plans.
2. The Mandatory Design Criteria must be bound with in the project specifications.
3. Accessibility, Energy Star and Sustainable Building reports and/or reviews and checklist must be signed and/or sealed by the Engineer or Consultant that completed the plan, design, review and checklist.

4. All plans must be 100% complete, sealed by the appropriate professional and marked released for construction. The Landscaping and Development Site Lighting plans may be preliminary plans.
5. Full parcel survey; must include adjoining parcel(s) if functionally dependent.
6. Site, Civil, Architectural and Structural plans.
   a. Must incorporate all Geotechnical recommendations included in the soil report(s).
   b. Provide complete sections and details.
   c. Window and Door Schedules must be complete.
   d. Details and Sections pages for all site features and amenities.
7. Mechanicals (HVAC, Plumbing and Electrical) and Fire Sprinkler must be completed by engineers and sealed.
   a. Plumbing drawings must include waste and domestic water riser diagrams.
   b. All electrical, plumbing and HVAC fixture schedules must be complete.
   c. HVAC, manuals J, S & D.
   d. Natural air calculations.
   e. Outside air calculations.
8. Landscaping Plans must follow any applicable landscape municipal ordinance and include:
   a. Existing plantings.
   b. Proposed plantings.
   c. Use of native drought resistance plants.
   d. There must be 20' minimum of sod or planting bed extending out from each exterior building wall. A lesser amount will be permitted if sod extends from building wall to property line or road.
   e. An Irrigation/sprinkler system serving all landscaped areas.
   f. All disturbed areas not sodded must be seeded.
9. Development Site Lighting plans with representative photometrics shown on plan reflecting an average footcandles of 1.0 for all development parking, sidewalks and exterior common areas.
10. Site and Civil plans using a scale of 1" = 30' or 40'.
11. Building plans using a scale of 1/8" or ¼" = 1'.
12. Floor Plans using a scale of 1/4" = 1' scale.
13. Elevations and Sections using a scale of 1/8' or ¼" = 1'.

II. ACCESSIBILITY

Developments must meet all federal, state and local accessibility standards, as well as all Authority accessibility requirements.

A. Accessibility Consultant

All owners must contract with a third-party Qualified Accessibility Consultant to conduct the following:

1. A pre-construction plan and specification review to determine that the proposed property will meet all required accessibility requirements, including initial comments from the consultant and all documents related to resolution of identified accessibility issues. The Consultant report must be included with the initial construction documents submitted to the Authority.
2. Provide at least two training sessions to the Architect, General Contractor, Job Superintendent, and a representative of every subcontractor group that will affect accessibility (grading, concrete, framing, electrical, plumbing, sheetrock, and cabinetry) regarding accessibility requirements. One training session must be on site. Maintain a written description of the training sessions and documentation of the events.
3. An inspection of the construction site after framing. The Authority must receive a copy of the consultant's report and documentation that all issues have been resolved.
4. A final inspection of the property after construction completion to determine that the property was constructed in accordance with all accessibility requirements. The Authority must receive a copy of the consultant's report and documentation that all issues were resolved prior to cost certification submission. Developers must contact the qualified accessibility consultant directly, and contract to provide the accessibility compliance services.

The project team must discuss the scope of the specific project with the Accessibility Consultant to determine the number of site visits/reviews.

The Accessibility Consultant must:
- complete Exhibit AA, Accessibility Consultant Qualifications Statement;
- possess the required knowledge to inspect multifamily properties for compliance with all federal, state and agency accessibility requirements and meets the following experience requirements and qualifications;
- not be a member or have an identity of interest with any member of the Development Team;
- have no less than five (5) years of experience performing accessibility compliance assessments for affordable rental housing projects; and
- carry the minimum insurance coverage as required by current industry standards.

The Qualified Consultant must arrange enough visits with the Development Team to observe all areas of accessibility and to verify completion of recommended corrections.

B. Modification Requirements:

1. All accessibility modifications must be in place upon completion of
   - new construction and/or
   - rehabilitation,

   including kitchen and closet shelving, grab bars, and appliances. The ability of the applicant to adapt a unit to the required standard upon request is generally not sufficient to meet this requirement. However, removable or adaptable base cabinets are permitted under kitchen and bathroom sinks and under kitchen work surfaces if written instructions for their removal and adaptation is on file in the leasing office
2. The following equipment may be stored onsite for installation at the tenant's request:
   a. Under-sink pipe guards.
   b. Visual/hearing impaired equipment.

   c. Tub seats.

   Refer to Uniform Federal Accessibility Standards (UFAS) 4.34 for additional unit design standards and consumer information that must be available to the tenant in an accessible unit.

C. Required Accessibility Standards:

1. **Mobility Disabled Units**: Type A, at least 5% of the total units (but no less than one unit) must be equipped for the mobility disabled, including for wheelchair restricted residents. ADA/ANSI compliant 36" x 60" minimum useable floor space roll-in showers must be incorporated into all of the Type A mobility equipped units. Mobility units with more than one bathroom must have at least one bathroom with a roll-in shower.
2. **Hearing and Sight-Impaired Units**: Type B, at least an additional 2% of the total units (but no less than one unit) must be equipped for hearing and sight-impaired residents including compliance with ICC/ANSI A117.1 Section 1006 (audio and visual notification on fire alarms and at the primary unit entrance).
   - The unit(s) must be roughed in to allow for smoke alarms with strobe lights in every bedroom, hallway outside of the bathroom, and living area.
   - A lighted doorbell button connected to an audible and strobe alarm installed in each bathroom, bedroom, and common area is required for each sight and hearing-impaired unit.
3. **5% and 2% requirement**: The same unit(s) cannot be used to satisfy the 5% and 2% requirement.
4. Signage for designated common areas and all units must be in Braille and meet ANSI A117.1, Section 703 standards.

D. Emergency Alert System:

1. All Mobility and Hearing and Sight-Impaired Units must have a wireless or hard-wired emergency alert system installed, located in every bedroom and bathroom that either triggers an audible and visual notification outside of the dwelling unit or notifies the staff and 911 during work hours, and 911 after work hours. All call for aid devices must be installed beside or below ceiling light switches in bedrooms and bathrooms.
2. If a building fire alarm system is required, the hearing and sight-impaired units are undesignated, and the required equipment is not installed, then all units must be wired into the building fire alarm system.

E. Older Persons 55+ Developments:

1. **Elevators:** There must be an ADA compliant elevator to all units above the ground floor.
2. **Furnished Gathering Areas:** Buildings with multi-story construction must have interior conditioned and furnished gathering areas located throughout the complex, including but not limited to areas near elevators.
3. **Accessible and Adaptable:** 100% of the non Type A units in new construction projects must be accessible and adaptable (Type B), as defined by the Fair Housing Amendments Act of 1988 and applicable regulations.

4. Hallways must have a minimum width of 42 inches.
5. Hallways and Corridors areas must have a continuous suitable handrail on both sides mounted 34 to 38 inches above finished floor, and be 1 ¼ inches in diameter.
6. Provide a minimum 18 inch grab bar in all tub/shower units. The grab bar must be centered vertically at 48 inches A.F.F. on the wall opposite the controls.
7. Provide solid blocking at all toilets and tub/shower units for grab bar installation.

III. MANDATORY NEW CONSTRUCTION DESIGN CRITERIA

A. Applicability

Unless otherwise indicated, the requirements in this Section III apply to the design and construction of new amenities, buildings (including nonresidential), and other structures, including when done as part of a rehabilitation or adaptive re-use development.

B. Unit Size & Base Requirements

1. All residential units must meet minimum and maximum unit size requirements. The square footage measurements below are for heated square feet only, measured interior wall to interior wall, and do not include exterior wall square footage. The area occupied by the stair case may only be counted once. Unheated areas such as patios, decks, porches, stoops, or storage rooms cannot be included. The maximum number of bedrooms allowed is four (4).

Unit	Minimum	Maximum
Studio	500 square feet	525 square feet
1 Bedroom	750 square feet	840 square feet
2 Bedroom	850 square feet	1,100 square feet
3 Bedroom	1,100 square feet	1,280 square feet
4 Bedroom	1,250 square feet	1,375 square feet

   The requirements in section (B)(2) below are applicable.

   No more than 20% of the total number of residential units may be Studio units.

   The above square footage requirements do not apply to rehabilitation projects.

   For townhouses, the maximum square footage for a 2 bedroom is 1,224 and 1,512 for a 3 bedroom.

2. Units must also meet the following requirements:
   a. Studio Apartment: the bedroom, living area and full kitchen may be contained in the same room; must have one full bathroom and laundry room.
   b. One Bedroom Apartment: at least six rooms including a living room, dining room, full kitchen, one bedroom, one full bathroom and laundry room.
   c. Two Bedroom Apartment: at least seven rooms including a living room, dining room, full kitchen, two bedrooms, one full bathroom and laundry room.

   d. Three Bedroom Apartment: at least nine rooms including a living room, dining room, full kitchen, three bedrooms, two full bathrooms and laundry room.
   e. Four Bedroom Apartment: at least ten rooms including a living room, dining room, full kitchen, four bedrooms, two full bathrooms and laundry room.

   Designers are encouraged to combine living, dining and kitchen rooms into a single space to promote family community.

   The above room requirements do not apply to rehabilitation projects.

3. Bedroom Size: The primary bedroom in each unit must be at least 144 square feet. All other bedrooms must be a minimum 120 square feet. The minimum bedroom square footage excludes the closet space.
4. Living Room Size: The living room must be at least 150 square feet with a minimum dimension of 11'6".
5. Bathroom Requirements
   a. Full Bathroom: must contain a toilet, vanity with sink and a 32" x 60" gasketed fiberglass tub/shower combination.
   b. Half Bathroom: must contain a toilet and a vanity with sink.
   c. Type A units must have the accessible bedroom and bathroom with one roll-in shower located on the accessible floor.
   d. Town Homes without a bed and bath on the main floor will be required to have a half bathroom located on the main floor.
   e. Whirlpool tubs are prohibited.
6. All units must have a balcony, sunroom, or patio.
   a. Patios and balconies must be 65 square feet minimum inside the railing.
   b. Sunroom must be 70 square feet minimum and:
      i. Contain a minimum of three operable window units.
      ii. Have distinct architectural separation from the living room.
      iii. Front porches are not considered patios.
   c. Applicants may request a wavier for this requirement before the submission deadline if building zoning or design restrictions prohibit.
7. All Single Family, Townhouse and Duplex Developments must have:
   a. A covered / roofed front main entryway that must be a minimum 5' x 5' and
   b. A porch, patio or deck at a minimum of 70 square feet. A front porch on a single-family home or stacked duplex is acceptable to meet this requirement and must be 100 square feet minimum.
8. Hallways, interior:
   a. 40" minimum width in all family units.

No.	Date	Description
	5.05.26	Full App

Job Number: 26-05

File Reference:

Scale: AS SHOWN

CORP. SEAL

SEAL

LOCKHART LANDING
APARTMENTS
GAFFNEY, SOUTH CAROLINA

PARKS-PLAYER ARCHITECTURE & PLANNING, LLC
85 CLEVELAND ST., SUITE 201
GREENVILLE, SC. 29601
(864) 382-5000

DEVELOPMENT DESIGN CRITERIA

Sheet Number:
A-11

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b. 42" minimum width in all older persons units.

9. Breezeways and Stairways: 48" minimum clear path of travel is required through building breezeways and public/common use stairways.

10. Moisture resistant gypsum board must be installed on all ceilings and walls of bathrooms, on all walls of laundry rooms, mechanical closets and exterior storage closets, and behind kitchen sink base and dishwasher.

11. Water-resistant gypsum board or equivalent shall be provided behind any tub/shower unit located on an exterior wall.

12. Fireplaces are prohibited in residential units.

C. Community Room(S), Site Amenities & Facilities

Community room(s) and amenities must be consistent with the design and appearance of the residential buildings. Development lighting is required for all amenities. Amenities should be usable beyond leasing office hours and on weekends and include occupancy sensor lighting or photocell lighting if an exterior amenity.

A Phased Development with a previously funded phase will not share amenities with a previous phase without the Authority's prior written consent.

1. COMMUNITY BUILDING OR ROOM

Community room(s) and site amenities may be incorporated into the resident / unit buildings therefore eliminating the need for a community building. If provided, a community building must be at least 1,200 square feet and include the community multi-purpose room and ADA compliant handicapped toilet facilities. The community building may include a leasing office of 200 square feet minimum, laundry rooms, and storage / maintenance rooms. Screened porch(es), sunroom(s), and covered patio(s) may be incorporated into the community building, but their square footage will not be included as part of the 1,200 square foot minimum for the community building. All primary entrance doors in the community building and site amenities must be either half lite or full view commercial grade glass, unless otherwise noted, to allow residents a view of the outside/inside. This does not include the maintenance or storage room doors. Blinds are prohibited on these doors. For rehabilitation projects without an existing community building/room is not required to construct a new community room or building or meet the required amenities listed below with exception of the playground for family developments.

2. REQUIRED AMENITIES

a. Community multi-purpose room must be adequately furnished. Must contain a minimum of 8 square feet for each unit, rounded up for a total of 1,000 square feet, never being less than 250 square feet regardless of developments total units.

b. Kitchenette with a minimum of 6 linear feet of counter top that is equipped with refrigerator, microwave, sink and a 5lb. fire extinguisher.

c. An exercise room equipped with a minimum of three low impact cardio machines.

d. Tenant computer room equipped with two new current and updated computer systems that include a scanner and printer. Computers must be connected to a high-speed internet service. All

equipment must be kept current for the entire compliance period. All expenses associated with supplies, updates, internet service and replacement of the computer equipment is the responsibility of the development.

e. For a single building multi story development, a covered drive thru at building main entry with 13' vehicle headroom clearance minimum (Older Persons 55+ only).

f. Playground (Family developments only)

i. Equipment must be of commercial design and quality.

ii. All playgrounds must each contain at least four play stations/activities.

iii. Playground must be located away from areas of frequent automobile traffic and situated such that the play area is visible from the office and maximum number of residential units.

iv. Playground must be accessible to persons with mobility impairments.

v. A bench that is weather resistant, metal or composite, have a back, and be anchored permanently.

3. LAUNDRY FACILITIES

a. Laundry facilities are required for all developments not providing washers and dryers in all rental units. For rehabilitation projects without an existing laundry facility is not required to construct a new laundry facility.

b. Entry into the laundry facility must be available at all times and days.

c. The development must provide washer and dryer hookups and space as required per development based upon the total units in the development as follows:

Up to 30 units	2 Washers and 2 Dryers
31-60 units	4 Washers and 4 Dryers
61-100 units	5 Washers and 5 Dryers
100+ units	7 Washers and 7 Dryers

The development must supply at all times a minimum one washer and one dryer. If tenant needs and usage exceeds the washers and dryers provided, the development must supply up to the required amount above.

d. The entrance must have a minimum roof covering of 20 square feet and have adequate lighting functioning from dusk to dawn.

e. The primary entrance door to the laundry facilities must be full view / full length glass to allow residents a view of the outside/inside. Blinds are prohibited.

f. Contain adequate seating

g. A working surface for folding cloths must be installed.

i. 24" x 48", 8 square feet minimum.

ii. Must provide working space of 8 square feet per every twelve washer/dryers provided.

h. One of every twelve washer/dryers provided must be ADA compliant and accessible with one working surface also being ADA compliant and accessible.

4. POSTAL FACILITIES

If not located within the building, the postal facility must:

a. have a roof covering which offers residents ample protection from the rain while gathering mail;

b. be located adjacent to available parking and sited such that tenants will not obstruct traffic while collecting mail; and

c. have adequate lighting functioning from dusk to dawn.

5. OFFICE AND MAINTENANCE ROOM

a. Development must have an office on site of 200 square feet minimum. Does not apply to rehabilitation projects.

b. Development must have a maintenance room of 200 square feet minimum. Does not apply to rehabilitation projects.

c. The office must contain ADA compliant toilet facilities.

d. Office must be clearly marked and visible with exterior signage on or close to building.

6. PARKING, ROADS, SIDEWALKS AND DEVELOPMENT SIGN

a. Parking and side walk lighting must be provided.

b. All roads and parking areas are to be asphalt or concrete paved.

c. Curbing is required for all roads and parking areas throughout the development site.

d. Parking areas must be located on the development site.

e. The primary property entrance must have a development sign designed with brick or stone columns with lighting and a Fair Housing logo.

f. All sidewalks and walkways shall be a minimum of 48" in width, must be made of concrete, and must comply with the following requirements:

i. Provide access to all parking spaces, front entryway doors, amenities, driveways and leasing office.

ii. Sidewalks may not exceed a 2% cross slope regardless of where located. Provide a non-skid finish to all walkways.

iii. Switchbacks are not permitted from handicap parking spaces or access aisles to building entrance in new construction projects.

iv. Be ADA accessible and compliant as required within the development with clearly marked ramps, crosswalks, signage, etc. in accordance with ADA regulations.

v. The developments sidewalks must join the local existing sidewalks if they exist.

7. PARKING SPACES

If local guidelines mandate parking less than the Authority requirement, the development must receive Authority approval prior to application submittal.

a. All developments require a minimum number of parking spaces per unit size as follows:

i. One bedroom units are 1.0 parking spaces per unit.

ii. Two bedroom units are 1.5 parking spaces per unit.

iii. Three and four bedroom units are 2.0 parking spaces per unit.

b. There must be at least one handicap parking space for each designated accessible unit that must be the nearest available parking space to the unit.

i. All handicap parking spaces and associated aisles must be concrete.

ii. Handicap ramps may not protrude into parking lot.

iii. Access aisles cannot be installed through vehicular paths of travel.

c. All non-handicap parking spaces must be an asphalt or concrete solid surface with a minimum dimension of 8 feet wide and 18 feet deep. Ten (10) percent of the required parking spaces can be compact parking spaces.

The minimum number required parking spaces does not apply to rehabilitation projects.

8. REFUSE COLLECTION AREA (S) AND RECYCLING

a. Collection area(s) should not be placed at the entrance or exits of the development unless the collection area provides the following:

i. A pull off from the main road consisting of a cul-de-sac / turn around.

ii. Dumpster drop off or pick up that does not stop or impede the flow of traffic.

iii. Tenant use that does not stop or impede the flow of traffic.

b. Provide an easily-accessible area that serves the entire development for the refuse collection area and recycling area. These can be combined into one area.

c. Dumpsters / trash compactors and recycling area must be ADA accessible and located on an ADA accessible route or have ADA parking near the collection area(s).

d. Provide a collection and storage area of non-hazardous material for recycling.

Property management is responsible for prominently displaying a sign stating exactly which materials are and are not accepted for recycling.

e. The pad and approach pad to the dumpster must be concrete. The approach pad must meet the requirements determined by a professional engineer. At a minimum, the dumpster pad must include two painted pipe bollards installed behind each dumpster.

f. Pedestrian paths of accessible travel must be marked/identified (painted in yellow or white) on dumpster pad surfaces.

g. The dumpster / trash compactor and recycling pad / area must be enclosed on at least three sides with materials that will be consistent with the design and appearance of the residential buildings. An enclosure combining masonry, cementitious products or composite products are acceptable enclosures or these products can be used independently. PVC or vinyl fencing is acceptable. Chain link and wood fencing are not acceptable.

The above requirements for Refuse Collection Area and Recycling do not apply to rehabilitation projects with exception of items c., d., and g.

D. Site and Site Lighting

1. Utilities (including but not limited to sanitary sewer, water, gas/electric, cable, internet, and telephone) must be underground throughout the development site.

2. Lots must be graded so as to drain surface water away from foundation walls. The final grade away from foundation walls must fall a minimum of ≥ 0.5 inches per foot away from building for ≥ 10ft according to the National Water Management System Requirements under Energy Star Multifamily New Construction.

3. Provide positive drainage at all driveways, parking areas, ramps, walkways and dumpster pads to prevent standing water.

   Utilize yard drains if needed, piped to storm water system or to daylight.

4. All water from roof and gutter system must be discharged no less than 6 feet from building foundation with positive drainage that is not impeded by mulch or other landscaping ground cover. See gutter requirements. Does not apply to rehabilitation projects.

5. All retention and/or detention ponds must be fenced. The storm water retention/detention basin design, maintenance and management shall be the sole responsibility of the owner/developer and shall be in strict accordance with all applicable federal, state, local and environmental regulations governing storm water retention/detention basins.

6. Site lighting is required for all parking, sidewalks, buildings and site amenities and should be directed down to diminish nuisance light in residential units. Lighting plans to be completed using photometrics software reflecting an average footcandle of 1.0 for all development parking, sidewalks, and exterior common areas.

7. No part of the disturbed site may be left uncovered or un-stabilized once construction is complete.

8. Burying construction waste on-site is prohibited.

E. Building Foundations, Slabs and Radon

1. All buildings located in a Radon Zone 1 will require Radon Resistant New Construction Practices. Rehabilitation projects located in a Radon Zone 1 must meet Radon Mitigation Standards. The ANSI/AARST standards are available at https://standards.aarst.org/. Check applicable federal, state, and local building codes to see if more stringent codes apply.

2. All units and community buildings must be elevated 24" minimum above the base flood elevation. Base Flood Elevation - The elevation of an area in relation to the mean sea level expected to be reached during a flood. Based on historic data, these figures indicate which areas are most likely to be flooded. This includes all flood years (100, 500, and 1000 year) and both FEMA maps and Local flood hazard areas.

3. Slab constructed buildings / structures. Slab to be elevated a minimum of 8" above finished grade on all elevations.

4. Slab foundations will consist of a brick or stone veneer at a minimum height of 16" above finished floor elevation on all elevations.

5. Crawl space constructed home/structures will have a minimum of 30" clearance from the bottom of the lowest structural floor system framing member to grade.

6. Crawl space foundations will consist of brick or stone veneer installed up to the finished floor elevation at a minimum on all elevations.

F. Building Exterior

The building exteriors should create a residential image appropriate to the market area. Building design must use different roof planes and contours to break up roof lines. Wide window and door trim should be used to accent siding. If horizontal banding is used between floor levels, use separate color tones for upper and lower levels or patterns.

All materials must be installed using standard construction methods and means, and result in the issuance of written manufacturer's warranty and guarantees. No exterior wood finishes may be used.

EXTERIOR WALL FINISHES

1. Exterior wall faces (other than for single family homes, townhomes, and duplexes) must have an excess of 20% brick or natural or manufactured stone on each of the exterior wall surfaces, including the front wall face, each side's wall face and the rear wall face of the buildings (not to the interior wall faces of open breezeways). On all exterior walls the brick/stone must extend to all areas of grass, landscaping and other areas of soil or mulch. Does not apply to rehabilitation projects.

2. High quality durable low maintenance materials are required for exterior building coverings on all elevations including all exterior trims, fascia, soffits, ceilings and vents and must be warranted for at least 30 years as installed:

   a. **Brick** must be installed per manufacturer's requirements

   b. **Portland Cement Stucco** (No EIFS) must be installed per manufacturer's requirements

   c. **Stone**- natural or manufactured must be installed per manufacturer's requirements

   d. **Fiber Cement Siding & Trims** must be 5/16" thickness or greater and be installed per manufacturer's requirements

   e. **Vinyl Siding** must have a .044" thickness or greater and be installed per manufacturer's requirements

   f. **Vinyl Soffit** must have a .040" thickness or greater and be installed per manufacturer's requirements

   g. **PVC or Vinyl Composite Trim Boards** must be installed per manufacturer's requirements.

   h. **PVC Coated Trim Coil** must have a .024" thickness or greater for fascia and freeze boards only- must be installed per manufacturer's requirements

   Developments must provide the Authority a written manufacturer warranty confirming a 30 year minimum warranty for all of the above items with the placed in service application.

3. Where exterior brick does not extend to an eave line, aluminum flashing shall be installed that extends a minimum of 5" under/behind the above exterior wall surface material and over the outer edge of the brick to prevent water penetration.

4. Weep holes must be below finished slab elevation and not covered by finished grade or landscaping.

5. Siding applications require all exterior penetrations to be installed on mounting blocks.

6. Metal z-flashings must be installed behind on top of and below all band boards and be of appropriate size for materials being flashed.

7. Metal flashings must be installed behind on top of and below all veneer material changes.

8. Metal flashing or 20 mil polyethylene when used in conjunction with a self-adhering polyethylene laminate flashing, must be installed above all exterior door and window units.

EXTERIOR STAIRS, RAILINGS, COLUMNS, SIGNAGE, PATIO & BREEZEWAY

1. Columns must be sized and loaded properly and consist of fiberglass, polyurethane or aluminum. Must be installed with stand offs, bases, caps and vents per manufacturer's recommendations. 4X4, 4X6, 6X6 etc. treated wood post wrapped with coil stock are prohibited. Steel post and treated post may be utilized if built up with cement trims.

2. Exterior steps at porches and patios and porches will be constructed of brick/stone foundation veneers with concrete deck/slab.

3. Multi story second, third, or fourth floor elevated porch, patio or breezeway may be constructed utilizing concrete slabs or 5/4" composite materials for the deck. Be constructed in such a manner that no wood is exposed. Concealment of wood shall be with composite materials such as PVC coated coil stock, vinyl 1x's composite 1x's, and fiber cement trims.

4. Hand rails and/or guard rail systems used at steps, porches, and patios shall be code compliant systems made of composite materials such as vinyl, fiberglass, steel (field painted) or aluminum.

5. Public use stairway components, such as stringers, treads, and risers must be constructed from steel (primed and field painted) and/or concrete. Handrails and pickets must be constructed from steel (primed and field painted) or aluminum, and be completely under roof cover.

6. Buildings and units must be identified using clearly visible signage and numbers. Building and unit identification signage must be well lit from dusk till dawn and meet ANSI A117.1, Section 703 standards.

7. For Type A units,

   a. ADA Handicap ramp components must be constructed from one of the following:

      i. steel (field painted) and/or concrete

      ii. concrete slab with brick ribbon and sidewalls

      iii. aluminum ramp system.

   b. Handrails and pickets must be constructed from steel (field painted) or aluminum.

G. Roofing and Gutters

All roofing to be installed in accordance with the current IBC / IRC Chapter 9 and the Authority standards listed below. Developments are required to provide the Authority a written manufacturer warranty confirming a 30 year minimum warranty has been acquired for the installed roof system. This can be submitted with the placed in service application.

ASPHALT SHINGLES

1. Roof pitch to be a minimum of 4/12.

2. Architectural (dimensional) anti-fungal shingles must be used and:

   a. Must be high quality and durable.

   b. Must be installed per manufacturer's requirements to achieve at least a 30 year warranty.

   c. The following must be used underlayment, leak barriers, starter strip shingles and hip & ridge cap shingles. No exceptions.

3. Synthetic underlayment is required

4. Leak barriers must be the mineral surfaced type.

   a. Leak barriers must be installed a minimum of 5" up all side walls.

   b. Leak barrier must be installed a minimum of 24" around all roof penetration on the roof deck.

   c. Ice barriers to be installed per IBC/IRC R905.1.2.

5. All flashing are to be installed per manufacturer's recommendations to obtain a minimum 30 year warranty and:

   a. Step flashing to be 5"x5"x7" minimum.

   b. Be a minimum of 0.019" (0.5 mm) in thickness.

   c. Be factory painted.

   d. All rakes or slopes must have step flashing.

   e. Drip edge to be installed on all eves and rakes per IBC/IRC R905.2.8.5 at a minimum.

METAL ROOFING

1. Roof pitch to be a minimum of 3/12

2. Standing Seam panels must be used and:

   a. Be 24 gauge or thicker if placed over a heated/conditioned space.

   b. Have 1 ½" seam height minimum.

   c. Have striations or stiffing ribs.

   d. Have a galvalume coating.

   e. Must have a 30 year minimum paint warranty.

   f. Be installed per manufacturer's recommendations.

   g. Must be installed be certified installers.

3. Synthetic underlayment is required on roof deck.

LOW SLOPE/FLAT ROOFING

All low slope/flat roofing products are to be installed per manufacturer's recommendations to achieve at least a 30-year warranty.

1. Products must be installed by certified installers.

2. Acceptable products are

   a. Metal panels with a 3" seam height minimum.

   b. Single- Ply membranes

      i. PVC or,

      ii. TPO or,

      iii. EPDM

   c. Modified Bitumen must:

      i. Be a 2 ply system.

No.	Date	Description
	5.05.26	Full App

Job Number: 26-05

File Reference:

Scale: AS SHOWN

CORP. SEAL

SEAL

LOCKHART LANDING
APARTMENTS
GAFFNEY, SOUTH CAROLINA

PARKS-PLAYER ARCHITECTURE & PLANNING, LLC
85 CLEVELAND ST., SUITE 201
GREENVILLE, SC. 29601
(864) 382-5000

DEVELOPMENT DESIGN CRITERIA

Sheet Number:
A-12

THIS DRAWING IS THE PROPERTY OF PARKS-PLAYER ARCHITECTURE & PLANNING, LLC AND IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART. IT IS ONLY TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN AND IS NOT TO BE USED ON ANY OTHER PROJECT. IT IS TO BE RETURNED UPON REQUEST

ii. Be Torch down.
iii. Have a ceramic surface.

3. All Single-Ply membranes and Modified Bitumen low slope roof products to be installed with heavy duty walkway pads:
   a. Walkway must be a different color.
   b. Must be from same manufacture as roofing material or approved by manufacture for use.

GUTTERS

Seamless 5" minimum gutter and downspout systems complete to be installed on all buildings.

1. Downspouts must be installed so as not to drain across pedestrian paths of travel
2. All water from roof and gutter system must be discharged no less than 6 feet from building foundation by:
   a. Concrete splash blocks with positive sloped drainage away from foundation; or
   b. Be piped underground to an appropriate location.

H. Building Envelope, Insulation and Sound Proofing

1. All buildings must be wrapped with an exterior air and water infiltration barrier. All wall penetrations are to be taped for moisture protection or similar water barriers provided manufacture's installation steps are followed.
2. Seal all penetrations to prevent moisture and air leakage.
3. All attics to be vented.
4. Exterior walls R-13 insulation.
5. Attics R-38 insulation.
6. Crawl Space floors R-19 insulation.
7. Unit party walls and floor assemblies require sound proofing (sound batt insulation) to achieve a rating of STC 54.

I. Windows and Doors

All windows and exterior doors must be Energy Star rated for zone south central be of high quality, durability and must be installed per manufacturer's requirements to achieve at least a 10 year warranty for windows and a 1 year warranty for Fire Rated doors. Developments are required to provide the Authority a written manufacturer warranty confirming the warranty has been acquired for the windows and exterior doors. This can be submitted with the placed in service application. An accessible automatic door opener is required for the primary entrance into and out of older person's congregate buildings.

1. All interior doors must:
   a. Be side hinged.
   b. Be hollow core paneled hardboard, paneled solid wood, or hollow core flush hardwood.
   c. Bedroom doors must be 3-0. Does not apply to rehabilitation projects.
   d. Bath doors minimum of 2-8. Does not apply to rehabilitation projects.

e. Closet doors minimum of 2-6. Does not apply to rehabilitation projects.
f. Pantry doors minimum 2-0. Does not apply to rehabilitation projects.
g. Hollow core, flush lauan doors are prohibited.
h. ADA accessible doors at common areas and Type A units must:
   i. Have ADA lever hardware.
   ii. Be 3-0 minimum.
i. Have a 3/4" minimum air space at bottom of door measured from finished floor for air circulation.
j. Louvered doors at HVAC closet for air handler return are acceptable.

2. All exterior doors must be Energy Star metal-clad or fiberglass doors and must:
   a. Metal clad steel edge doors and frames are acceptable for use in firewalls only.
   b. Be side hinged.
   c. Be a minimum of 3-0 in width (34" clear width). Does not apply to rehabilitation projects.
   d. Have a rot proof jamb.
   e. Include a peephole on main entry door.
   f. Have a thumb latch / lever style deadbolt lock.
   g. ADA accessible doors at common areas and Type A units must:
      i. Have a maximum threshold height of ½".
      ii. Have ADA lever hardware.
      iii. Include a peephole a maximum of 48" AFF at primary unit entry door only.
      iv. Have spring hinges at the unit's primary unit entry door only.
   h. Primary unit entry doors must have a minimum roof covering of 3'w x 5'd with corresponding porch/pad or be located in the breezeway.
   i. High quality vinyl sliding glass doors are acceptable for use at the back door to the patio or deck and must:
      i. Have multi point locking hardware keyed alike.
      ii. Include coastal hardware.

3. Windows must be Energy Star rated for zone south central and must:
   a. Have blinds for each window installed.
   b. Metal blinds are prohibited.
   c. Provide window manufacturers data sheet (s) with plans.
   d. Be single hung, double hung, casement or awning. Sliding windows are prohibited. Sliding windows are acceptable to rehabilitation projects.
   e. Be vinyl.
   f. Have appropriate design for exterior finishes.

i. Windows installed in brick or stucco veneer must meet manufacture's recommendation for installation and water proofing.
ii. Windows installed in siding veneers must meet manufacture's recommendation for installation and water proofing.
iii. Windows installed with 1x perimeter trim must meet manufacture's recommendation for installation and water proofing.
   g. Not be installed over bath tub/shower.
   h. Be continuously caulked behind the flange and taped per the manufacture's recommendations.
   i. Be installed per window manufactures recommendations.
   j. In Type A units, all windows and blinds must meet or exceed all State and Federal accessibility requirements.

J. Kitchens

1. All kitchen cabinets shall be constructed with solid wood or plywood stiles, rails, doors and drawer fronts. All cabinets will conform to the performance and fabrication requirements of ANSI/KCMA A161.1-2000.
   a. Drawers must have dual slide tracks.
   b. Accessible cabinets with removable fronts must be manufactured to be removable with only a screwdriver.
   c. Site built cabinets are prohibited.
2. Each kitchen must have at the least the following minimum linear footage of clear countertop that are at or below 36 inches in height above finished floor, excluding the sink and range space:

Studio	5.0 linear feet minimum
1 Bedroom	8.0 linear feet minimum
2 Bedroom	10.0 linear feet minimum
3 Bedroom	12.0 linear feet minimum
4 Bedroom	13.0 linear feet minimum

   This amount must be clearly shown on the plans.

   The minimum linear footage of clear countertop requirement does not apply to rehabilitation projects.

   a. Counter tops may be manufactured post form, granite or solid surface.
   b. Site built tops countertops must be constructed of 3/4"AC plywood. No particle board, press board or fiber board will be allowed.
3. All units must have an 18 cubic foot minimum Energy Star rated frost free refrigerator freezer with ice maker. Does not apply to rehabilitation projects.
   a. Doors must open beyond 90 degrees to allow bin removal.
   b. Ice maker box (cold water supply) with shut off must be installed behind the refrigerator.
4. All units must have an Energy Star rated dishwasher and be installed beside the kitchen sink. Does apply to rehabilitation projects.

5. All units must have a double bowl kitchen sink 8" deep minimum. Does not apply to rehabilitation projects.
6. All units must have over the range microwave.
7. All units must have a slide in range that is at least 30 inches wide or a cooktop and wall oven.
   a. A backsplash panel must be installed behind the cooktop and cover the entire wall behind the cooktop.
   b. Anti-tip devices must be installed on all kitchen ranges and be securely fastened to the floor.
8. All units must have a Fire Stop or comparable extinguishing system over the stove. Alternatively, the range must have SmartBurner elements installed in the range.
9. Each unit must be equipped with a 5 lb. ABC rated dry chemical fire extinguisher readily accessible in the kitchen and mounted to accommodate handicapped accessible height in accessible units. If contained in the cabinet/pantry area must have proper signage, 4" X 3" minimum, identifying the location.
10. A 24" wide pantry cabinet, same manufacture as kitchen cabinets, or a pantry closet with a 24" interior door and a minimum of 24' deep must be provided in the kitchen.
11. Fluorescent lighting or LED lighting is required in the kitchen.
12. The aisle width between cabinets and/or appliances is 42" minimum. Does not apply to rehabilitation projects.
13. For Type A units:
   a. The refrigerator must be ADA compliant.
   b. Kitchen sinks must be ADA compliant and:
      i. Be 6 ½" deep maximum.
      ii. Be rear-draining.
      iii. Sink bottoms insulated if bottom of sink is at or below 29 inches above finished floor.
   c. The range / cooktop / wall oven must be ADA compliant.
   d. Pull-out worktops are prohibited
   e. Workstations must be installed beside the range with no wall to the left or right of the workstation.
   f. The wall cabinet mounted over the work station must be 48 inches maximum above finished floor to the top of the bottom shelf.
   g. Provide cabinet microwave shelf with microwave or counter top microwave.
   h. Unit must have a 30" range hood.
   i. The range hood fan and light must have separate remote switches.
   j. Kitchen counter tops and ranges with cooktop must be ADA compliant.
   k. Provide ADA compliant cabinet handles/pulls on cabinet doors and drawers. Knobs are prohibited.

K. Bathrooms

1. All bathroom vanities/cabinets shall be constructed with solid wood or plywood stiles, rails, doors and drawer fronts. All cabinets will conform to the performance and fabrication requirements of ANSI/KCMA A161.1-2000 and:
   a. Drawers must have dual slide tracks.
   b. Accessible cabinets with removable fronts must be manufactured to be removable with only a screwdriver.
   c. Site built cabinets are prohibited.
2. Vanities/cabinets shall be provided in all units and must be 36" minimum.
3. All full bathrooms must have:
   a. Ceiling light and exhaust fan on the same switch and must provide adequate lighting to the tub/shower.
   b. Vanity light must be provided and be on a separate switch.
4. All half bathrooms must have:
   a. Ceiling light and or vanity light, must provide adequate lighting
   b. Exhaust fan.
   c. These can be switch together or separately.
5. Mirror length must extend from the top of vanity backsplash to 6' minimum above finish floor. Framed decorative mirrors are excepted if they meet the above requirements.
6. Tub/shower units must be 32" x 60" minimum fiberglass based units with slip resistant floors. Shower head to be mounted 80" above finished floor.
7. Water closets must be centered, at a minimum, 18 inches from sidewalls, vanity/lavatories and bath tubs and be clearly marked on the plans.
8. Type A units:
   a. Must contain a roll in shower and:
      i. Be one piece fiberglass based unit with slip resistant floor.
      ii. Be ADA/ANSI compliant from manufacture.
      iii. Have factory installed grab bars.
      iv. Have a 36" x 60" minimum useable floor space.
      v. Have a collapsible water dam or beveled threshold that meets code.
      vi. Approaches to roll-in showers must be level, not sloped.
      vii. Have adjustable shower rod and weighted curtain installed before occupancy.
      viii. Shower floor may not be used for code required 67" clear floor space in bathrooms.
      ix. The shower head with wand must be installed on a sliding bar and within code required reach ranges by the seat.
      x. An additional diverter must be installed to provide water to a shower head on the short shower wall in front of the seat, mounted 80" above finished floor.

b. Accessible cabinets with removable fronts must be manufactured to be removable with only a screwdriver.
c. Vanity tops or top of sink rim can be no higher than 34" above floor.
d. Provide ADA compliant cabinet handles/pulls on cabinet doors and drawers. Knobs are prohibited.
e. Provide solid blocking at all toilets and tub/shower units for grab bar installation.
f. If providing a wall hung sink in an accessible unit it must have solid blocking behind the fixture and a recessed medicine cabinet or a storage cabinet must be provided.
g. A wireless or hard-wired call for aid station is required in all bathrooms

L. Bedrooms, Closets and Storage Closets

1. The primary bedroom must have at least 144 square feet, excluding the closet(s). Does not apply to rehabilitation projects.
2. Secondary bedrooms must have at least 120 square feet, excluding the closet(s). Does not apply to rehabilitation projects.
3. Every bedroom must have a closet at a minimum of 24" deep and contain a 5' long minimum wire shelf and closet rod. Does not apply to rehabilitation projects.
4. All interior and exterior mechanical and storage closets must have finished floor coverings.
   a. Interior closets must have carpet or resilient flooring.
   b. Interior mechanical closet must be resilient flooring

M. Laundry Room

1. All developments must have a washer and dryer hookup in each unit and:
   a. Have a minimum depth of 36" measured from the back of the door.
   b. Must accommodate a full sized 30" washer and dryer adjacent to each other.
2. Washer water shutoff valves must be installed right side up with the hose connection below the shutoff handle.
3. Dryer vent connection box must be galvanized metal and be located above the baseboard.
4. In Type A and Type B units,
   a. Each clothes washer and dryer must be centered for a side approach only. Does not apply to Type B units in rehabilitation projects.
   b. The washer and dryer clear floor space areas may overlap.
   c. All electrical, plumbing, and venting rough-ins must be centered behind each washer and dryer to allow them to be centered for side approach.

N. Floor Coverings

All materials must be installed to manufacturer's specifications using standard methods and resulting in the issuance of a manufacturer's guarantee / warranty. Manufacturer's written warranties must be provided to the Authority with the placed in service application.

1. Living Areas must have Luxury Vinyl Tile (LVT), Ceramic Tile, Laminate Flooring or Hardwoods.
2. Bedrooms may have carpet.
3. Kitchens, Bathrooms, Laundry room, Mechanical closets, Dining areas, and Foyer/ entrance area must have resilient flooring LVT, Sheet Vinyl, VCT or Ceramic Tile. Shoe molding must be installed in all resilient flooring areas.
4. LVT must have a 12mil wear layer and provide a minimum 15-year residential warranty. LVT installed in kitchens, bathrooms, laundry areas and mechanical closets must be water resistant.
5. Sheet vinyl must be a minimum 0.095 thickness and provide a minimum 20-year residential warranty.
6. VCT must be at minimum 0.080 thickness.
7. Ceramic floor tile shall be minimum 12" x 12" and installed over poured concrete slab or cementitious backing material.
8. Carpeting shall comply with FHA -HUD Use of Materials Bulletin No. 44d.
9. Carpet pad must be installed under all carpeting and shall comply with FHA -HUD Use of Materials Bulletin No. 72a.
10. Carpets used in Type A unit bedrooms must be glue-down type without padding.
11. Carpet tile may be used in common area and must be:
   - rated for severe use with a 3.5 or greater TARR rating,
   - open cell backed, no hard backed tiles. and
   - stain resistant.

O. Mechanicals

1. Non-Unit, "development", spaces must have separate HVAC systems. AKA "House System"
   a. Must have a combined 15 SEER2 Energy Star rated HVAC system.
   b. All refrigeration lines must be insulated.
   c. Must be located within the developments building space.
2. All units must have individual central heat and air, HVAC.
   a. Manuals J, S & D must be utilized for design requirements. HVAC manufactures J, S & D software can be utilized to provide the required manuals as long as that manufacturer's equipment is being installed.
   b. All units must have a combined 15 SEER2 Energy Star rated HVAC system.
   c. All refrigeration lines must be insulated.
   d. Traditional air handler, heat pump and ducted HVAC system are acceptable.
   e. Mini split ducted or ductless systems are acceptable.

3. All HVAC air handlers must be contained within the unit.
4. Bottom of returns must be 12" minimum above FFE.
5. All openings in duct work at registers and grilles must be covered after installation to keep out debris during construction.
6. The use of duct board is prohibited.
7. Connections in duct system must be taped and sealed with mastic and fiberglass mesh.
8. Ductwork located in unconditioned spaces must be insulated with R-8 minimum.
9. Galvanized metal or aluminum must be used for plenums and mixing boxes.
10. Electric mechanical condensate pumps are not allowed.
11. All hub drains serving HVAC condensate lines must be piped to the outside. Piping to the sanitary sewer is not allowed unless a primed p-trap is installed.
12. All bedroom closets, interior storage rooms, coat closets, and laundry rooms/closets must have a 4 inch tall by 8 inch wide minimum pass-thru grille above doors for air circulation in those areas that do not get conditioned. Does not apply to rehabilitation projects.
13. There must be a minimum of ¾ inch air space under all interior doors measured from finished floor for air circulation.
14. All bath exhaust fans shall be rated at 70 CFM minimum vented to the exterior of the building using hard ductwork along the shortest run possible. Venting through the roof is prohibited.
15. Dryer vents must be vented to the exterior of the building using hard ductwork along with the shortest run possible: maximum run is 35' including deductions for elbows.
   a. Vent connection must be centered behind the dryer.
   b. Venting thru the roof is prohibited.

P. Plumbing

1. Sanitary sewer main lines cannot be located under the slab of a multifamily single-story design, single family homes, townhouses and duplex developments. The sanitary sewer main line must run on the front, side or back of the building / structure and provide a sanitary sewer service tie in for each unit. Sub metering, readable, is required for all units in multifamily multi story developments.
2. Individual water meters are required for all units in multifamily single-story designs, single family homes, townhouses and duplex developments.
3. Unit water cut offs must be in an easily accessible area and clearly marked with signage.
4. All domestic water line cut off valves must have metal handles, not plastic.
5. Domestic water lines are not allowed in unconditioned spaces.
6. Offset toilet flanges are prohibited.
7. All shower valves to be anti-scald.
8. Water sense fixtures must be used:
   a. Toilets 1.28 GPM or less.
   b. Showerheads, Kitchen faucets and Bath faucets 1.5 GPM or less.

No.	Date	Description
	5.05.26	Full App

Job Number: 26-05

File Reference:

Scale: AS SHOWN

CORP. SEAL

SEAL

LOCKHART LANDING
APARTMENTS
GAFFNEY, SOUTH CAROLINA

PARKS-PLAYER ARCHITECTURE & PLANNING, LLC
85 CLEVELAND ST., SUITE 201
GREENVILLE, SC. 29601
(864) 382-5000

DEVELOPMENT DESIGN CRITERIA

Sheet Number:
A-13

9. Washer/dryer hookups in all units.
10. Toilets to be ADA height in all units.
11. Toilets must be centered, at a minimum, 18 inches from sidewalls, vanity/lavatories and bath tubs and be clearly marked on the plans.
12. Water heater for each unit:
    a. Electric water heaters must meet Energy Star requirements.
    b. Gas water heaters must meet Energy Star requirements.
    c. 30 gallon minimum for one and two bedroom units.
    d. 40 gallon minimum for three and four bedroom units.
    e. Prohibited to be mounted above equipment or appliances.
    f. Located in the units insulated envelope.
    g. Placed in drain pans with drain piping plumbed to disposal point as per the latest approved addition of the International Plumbing Code.
    h. Pipe all Water Heater Temperature & Pressure (T&P) relief valve discharges to disposal point as per the latest approved edition of the International Plumbing Code.
    i. Elevated if necessary for proper pan drainage.
    j. Use of gas tankless water heaters is allowed with above requirements.
    k. Use of electric tank less water heaters is allowed with the above requirements and the electrical panel must be rated at 200 amps or greater.
13. All hub drains serving HVAC condensate lines and water heater lines must be piped to the outside. Piping to the sanitary sewer is not allowed unless a primed p-trap is installed.
14. Frost-proof exterior faucets must be provided on every building with in a multi story development on the "House" water supply. Locations should be maintenance based.
15. All single family, Townhouse, Duplex and single story development must supply a frost-proof faucet at the front and rear of each unit on the unit's water supply. Does not apply to rehabilitation projects.

Q. Electrical

1. Units must have separate electrical systems.
2. Non-residential, "development", spaces must have separate electrical systems. AKA "House".
3. Hardwired interconnected Smoke Detectors and Carbon monoxide detectors are to be installed as required by all applicable codes and regulations local, state and federal.
4. All switches and thermostats to be mounted no more than 48" above the FFE.
5. All receptacles, telephone jacks (Older Person +55 Development), and cable jacks to be mounted 15" minimum above FFE.
6. All ceiling fans to be Energy Star rated.
7. All bulbs to be Energy Star rated.
8. All units must have an Energy Star rated ceiling fan with light fixture located in the living room and all bedrooms with the light and fan being wall switched separately.

9. Overhead lighting is required in all bedrooms, bathrooms, laundry rooms, closets (other than pantries or coat closets), and storage rooms and to be wall switched. Does not apply to laundry rooms and closets for rehabilitation projects.
10. Exterior lighting is required at each unit entry door and to be wall switched by door unit. Buildings with conditioned interior corridors with access doors at each end with 24/7 "House" lighting are exempt from this requirement at the unit main entry door only.
11. All units pre-wired for high speed Internet, phone and data hook-up with:
    a. One centrally located connection port within the unit with capabilities in the living room and each bedroom.
    b. All internet, phone and data lines must be toned and tagged properly to each unit.
    c. Each building must have an internet, phone and data termination and demarcation box for each vendor connection.
12. All units in an Older Person +55 development must be pre-wired for telephone with jacks installed in the living room and one per bedroom.

    All telephone lines must be toned and tagged properly to each unit.
13. Development Lighting
    a. Serviced by the "House" electrical panel.
    b. Must be located in all common areas, breezeways, corridors, stairwells and amenities.
    c. Open areas and exterior amenities must be activated by a photo cell placed on the east or north side of the building.
    d. Conditioned or closed common areas require 24/7 lighting.

R. Energy Star

1. New Construction Multi Family Developments will:
    a. Be built to meet and receive the Multi Family New Construction Energy Star Certification. This includes all mandatory measures; MFNC Rater Design Review Checklist, MFNC Rater Filed Checklist, MFNC HVAC Functional Testing Checklist, MFNC Water Management System Requirements.
    b. All reports must be provided to the Authority with final inspection request.
    c. Developments will use the Energy Star Portfolio Manager and must allow The Authority full access to this data for a minimum of five years. To share a property with The Authority, users should send a connection request to development@SCHousing.com.
2. New Construction Single Family, Townhouses and Duplex Developments will:
    a. Be built to meet and receive the Version 3.0 Energy Star Certification. This includes all mandatory measures; National Rater Design Review Checklist, National Rater Checklist, National HVAC Design Report, National HVAC Commissioning Checklist, National Water Management System Builder Requirements.
    b. All reports must be provided to the Authority with final inspection request.
3. If the development fails to meet the requirements outlined in this section, the Authority may adjust the allowable costs for construction and may reduce the LIHTC allocation.

S. Single Family, Townhouse and Duplex Developments

1. All detached single-family homes must contain a minimum of two (2) bedrooms.
2. Duplexes may have one bedroom if mixed development two (2) bedrooms if not mixed.
3. Townhouses must contain:
    a. a minimum of two (2) bedrooms
    b. Town Homes without a bed and bath on the main floor will be required to have a half bathroom located on the main floor.
    c. Townhouse definition: A single family dwelling unit constructed in a row of three or four attached units two or three stories tall in which each unit extends from foundation to roof with a yard or public way in the front and back. Each unit would have its own separate street address. These units would be considered IRC R-3 buildings.
4. Must have concrete driveways (if providing individual driveway for each unit), curbing at street and front entry walkways. Curbing at street will be waived for scattered site developments.
5. May use trash cart container if the locality provides such and:
    a. Must provide enclosed storage at each unit for the trash cart.
    b. Must have one for each unit.
    c. Must provide letter stating this service is available.

T. Adaptive Re-Use of Existing Structures

The definition of "adaptive reuse" is the conversion of an existing non-residential building(s) into a residential building(s). The architect must certify on Exhibit G that the development will meet the following requirements:

1. A minimum of fifty percent (50%) of the square footage of each existing building(s) must be converted to residential use.
2. If additional buildings/units are constructed to provide additional space, the total square footage of the previously existing building(s) must constitute a minimum of fifty percent (50%) of the total square footage of the entire development.
3. Reseal all asphalt parking and roadway surfaces throughout the development.

IV. MANDATORY REHABILITATION CRITERIA

A. Applicability

The following requirements apply to rehabilitation of existing units. Other than as described below, existing developments do not need to be physically altered to meet new construction standards.

Design documents must show all proposed changes to existing and proposed buildings, parking, utilities, and landscaping. An architect or engineer must prepare the design drawings.

All amenities and common areas must be brought to current ADA requirements. Any replacement of existing materials or components must comply with the design standards for new construction. In addition to needs identified by the Authority, the rehabilitation scope of work must include the following:

1. UNIT INTERIORS

- All bi-fold and accordion doors must be replaced with hinged doors.
- Shoe molding must be installed in areas where glue down or laminate flooring is/was installed.
- Splash panels must be installed behind all ranges.
- Stair handrails must have continuous wood blocker board.
- Anti-tip devices secured to the floor must be installed under all ranges.
- Interior painting must include the entire unit.

2. PLUMBING

- All water heaters must be in an overflow pan and piped to the outside (where possible).
- All units must have individual water shut off valves in the unit.
- Water heaters under kitchen countertops must be relocated.
- All polybutylene ("Quest") piping must be replaced.
- All original cast iron p-traps must be replaced.

3. ELECTRICAL

- All receptacles, switches and cover plates must be replaced.
- All units must have looped smoke alarms.
- In bathrooms, overhead ceiling light must be switched with the exhaust fan and the vanity light wired to a separate switch. If a ceiling light is not present, one must be installed and switched accordingly.
- Ceiling fans with lights must be installed in all living rooms and bedrooms. Fan and light must be wired to a separate switch.
- A telephone jack must be installed in the primary bedroom next to a receptacle for future TTY use.
- A centrally located port supporting tenants personal (private) wireless high speed internet equipment, per unit.

4. HEATING AND AIR

- Hard duct all new and existing bathroom exhaust fans where possible (in attics).
- Existing HVAC air handlers must have a secondary condensate overflow line or cutoff switch.
- Clothes dryer venting must be hard ducted to the exterior and concealed in wall.

5. SITE WORK

- Existing site lighting must be adequate and functioning according to photo metric analysis software.
- Property entrance must have a monument sign with brick or stone columns.
- Sewer lines must be scoped and repaired/replaced as needed.
- Painted pipe bollards must be installed behind all dumpsters.

6. MISCELLANEOUS

- Attic insulation must meet R-30 minimum value.
- An automatic accessible door opener is required for the primary entrance into and out of senior congregate buildings.
- All Type A accessible units must be brought to current building standards.
- Existing fire walls in attics between units must be intact and solid.

- Attic access panels must be lockable with keys available.

B. Applicants must submit the following

These tests must be provided 10 months after receiving an award.

1. For properties built prior to 1978, a hazardous material report that provides the results of testing for asbestos containing materials, lead based paint, Polychlorinated Biphenyls (PCBs), underground storage tanks, petroleum bulk storage tanks, Chlorofluorocarbons (CFCs), and other hazardous materials. Professionals licensed to do hazardous materials testing must perform the testing. A report written by an architect, building contactor or develop will not suffice. A plan and projected costs for removal of hazardous materials must be included.
2. All properties must be tested mold by licensed professional in these areas and a plan for removal or remediation of any issues. At least ten (10) percent of the total number of units must be tested. The testing must include at least one (1) centrally located unit in each building.
3. All properties located in Radon Zone 1 must be tested by a licensed professional in these areas and a plan for remediation of any issues.
3. A report assessing the structural integrity of the building(s) being renovated from an architect or engineer. Report must be dated no more than six (6) months from the full application deadline.
4. A current termite inspection report. Report must be dated no more than six (6) months from the full application deadline.

C. Replacement Reserve

Applications must demonstrate the replacement reserve is adequate to maintain and replace any existing systems and conditions not being replaced or addressed during rehabilitation.

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No.	Date	Description
	5.05.26	Full App

Job Number: 26-05

File Reference:

Scale: AS SHOWN

CORP. SEAL

SEAL

LOCKHART LANDING
APARTMENTS
GAFFNEY, SOUTH CAROLINA

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DEVELOPMENT DESIGN CRITERIA

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