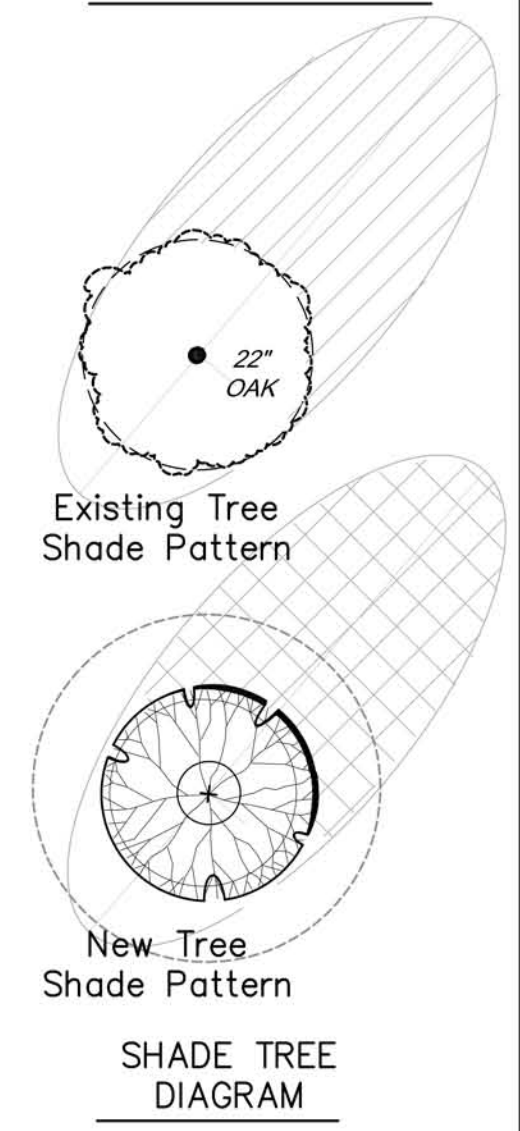


SHADE TREE REQUIREMENTS/PROVIDED:

TOTAL PARKING AREA:	34,825 SF
TOTAL SHADE TREE REQUIRED: 35% OF PARKING AREA	12,188 SF
TOTAL ENTRY DRIVE PAVED AREA:	4,070 SF
TOTAL SHADE TREE REQUIRED: 35% OF SERVICE PAVED AREA	1,425 SF
TOTAL PAVED AREA: (excluding entrance drive)	38,895 SF
Number of shade trees required: 38,895 sf/2000 sf =	19 trees
TOTAL SHADE TREE REQUIRED: 35% OF PAVED AREA	13,613 SF
TOTAL SHADE TREE PROVIDED: 35%+ of Parking & Entry Area new trees shade area = 15,305 sf extg. trees shade area = 5,910 sf (calculated as shown graphically)	21,215 SF
Number of shade trees provided	27 trees
27 trees x's 2000 sf / 2 =	27,000 SF
	54,000 SF



LEGEND for TREE - SHRUB - GRASS PLANTING

OUTER DASHED CIRCLE REPRESENTS A MATURE SIZED CANOPY WIDTH PLANT BASED ON EXPECTATIONS. ACTUAL GROWING CONDITIONS WILL VARY DEPENDING ON SOIL CONDITIONS, AMOUNT OF WET/DRY CONDITIONS, EXISTING TREE CANOPY COVERAGE AND SUNLIGHT, ROOT COMPETITION AND OTHER ENVIRONMENTAL FACTORS.

- | | |
|--|---|
| Pin Oak
<i>Quercus palustris</i> | Tulip Poplar
<i>Liriodendron tulipifera</i> |
| Swamp Chestnut Oak
<i>Quercus michauxii</i> | Black Gum
<i>Nyssa sylvatica</i> |
| Bald Cypress
<i>Taxodium distichum</i> | Chinese Pistache
<i>Pistacia chinensis</i> |
| Red Maple
<i>Acer rubrum</i> | Red Cedar
<i>Juniperus virginiana</i> |
| Persimmon
<i>Diospyros virginiana</i> | Loblolly Pine
<i>Pinus taeda</i> |
| Southern Magnolia
<i>Magnolia grandiflora</i> | Greenleaf Holly
<i>Ilex opaca 'Greenleaf'</i> |
| River Birch
<i>Betula nigra</i> | Nellie Stevens Holly
<i>Ilex x Nellie R Stevens</i> |
| Pecan
<i>Carya illinoensis</i> | Carolina Cherry Laurel
<i>Prunus caroliniana</i> |
| Ginkgo
<i>Ginkgo biloba</i> | Hornbeam (Ironwood)
<i>Carpinus caroliniana</i> |
| Red Bud
<i>Cercis canadensis</i> | Flowering Quince
<i>Chaenomeles speciosa</i> |
| Peggy Clarke Japanese Apricot
<i>Prunus mume 'Peggy Clarke'</i> | Chindo Viburnum
<i>Viburnum awabuki 'Chindo'</i> |
| Fringe Tree
<i>Chionanthus virginicus</i> | Wax Myrtle
<i>Myrica cerifera</i> |
| Crape Myrtle Natchez White
<i>Lagerstromia faurei 'Natchez'</i> | Winter Honeysuckle
<i>Lonicera fragrantissima</i> |
| | Grey Owl Juniper
<i>Juniperus virginiana 'Grey Owl'</i> |
| | Carolina Jasmine (Vine trained on fence)
<i>Gelsemium sempervirens</i> |
| | Tree Saucer (mulch ring - typ.) |

GRASS PLANTING NOTES

Native Vegetation Stabilization Mix
Recommended application rate: 20-25 lbs. per acre

Species Common Name	Percent
<i>Elymus virginicus</i> Virginia wild rye	15
<i>Tripsacum dactyloides</i> Eastern gammagrass	13
<i>Panicum virgatum</i> Switchgrass	12
<i>Agrostis perennans</i> Autumn bentgrass	12
<i>Carex vulpinoidea</i> Fox sedge	10
<i>Tridens flavus</i> Purple top	10
<i>Schizachyrium scoparium</i> Little bluestem	8
<i>Coreopsis lanceolata</i> Lance leaf tickseed	5
<i>Sorghastrum nutans</i> Indian grass	5
<i>Elymus hystrix</i> Bottlebrush grass	5
<i>Festuca ovina</i> var. <i>duriuscula</i> Hard fescue	4
<i>Rudbeckia hirta</i> NC Ecotype Blackeyed susan	1
	100

Lawn Area Grass

Native Grass Mix

Source for Native Seed Mix
<https://www.mellowmarshfarms>

Swanson + Associates, pa
landscape architect

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philip.n.post@gmail.com
PO Box 4032
Chapel Hill, NC 27515

PHILIP POST ENGINEERING FIRM: C-347

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 461
DAVID T SWANSON
David Swanson
July 18, 2019

NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER AND ASSOCIATE P.E. C-168

CHRIST COMMUNITY CHURCH
141 ERWIN ROAD, CHAPEL HILL, N.C. 27514
PIN# 9799-99-9116 AND 9799-48-0235

LANDSCAPE PLAN AND DETAILS

APPLICANT: CHRIST COMMUNITY CHURCH
1526 E. FRANKLIN STREET, SUITE 201
CHAPEL HILL, N.C. 27514

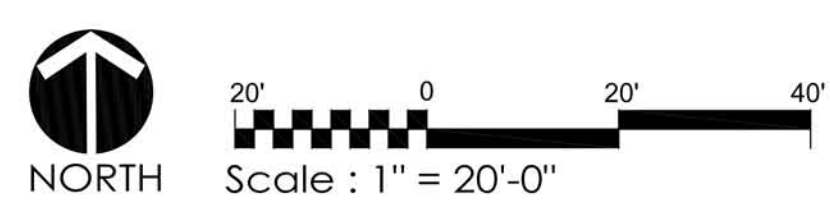
NO.	DATE	REVISIONS	BY

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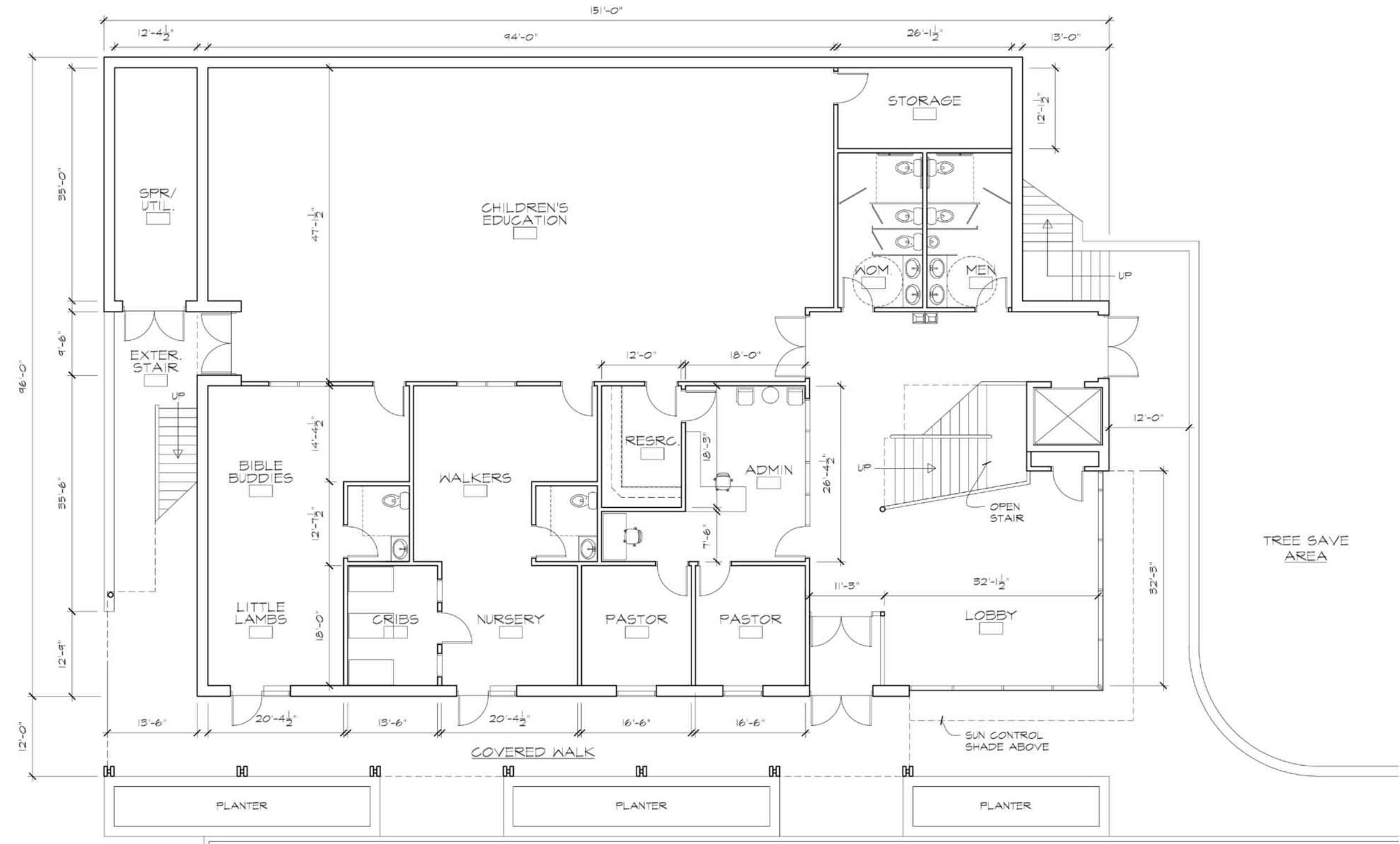
PROJECT	401801
DATE	07/18/2019
DRAWING SCALE	1" = 20'
DRAWN BY	DD
APPROVED BY	PP

L 001
SHEET 9 OF 11

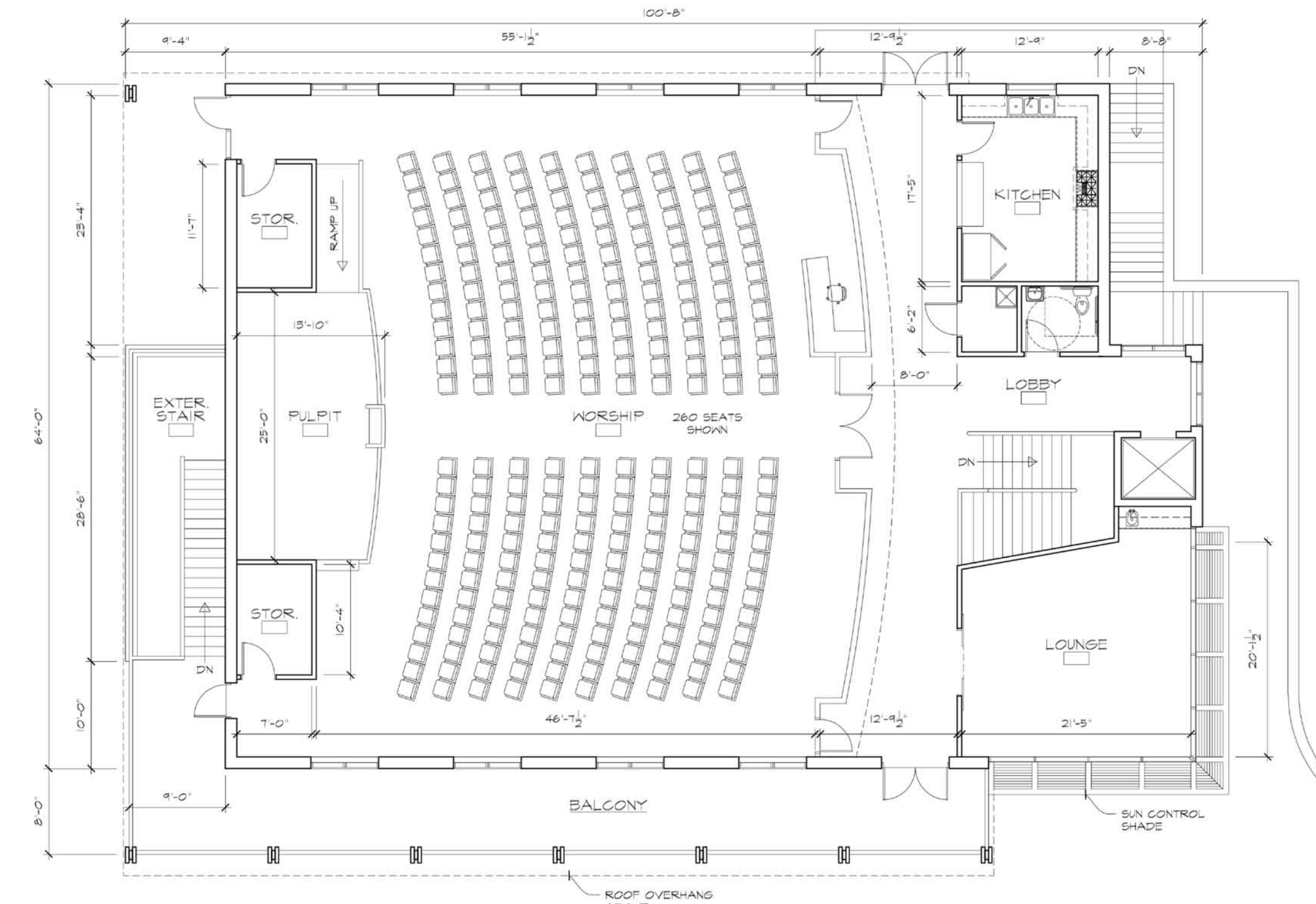
PRELIMINARY NOT FOR CONSTRUCTION



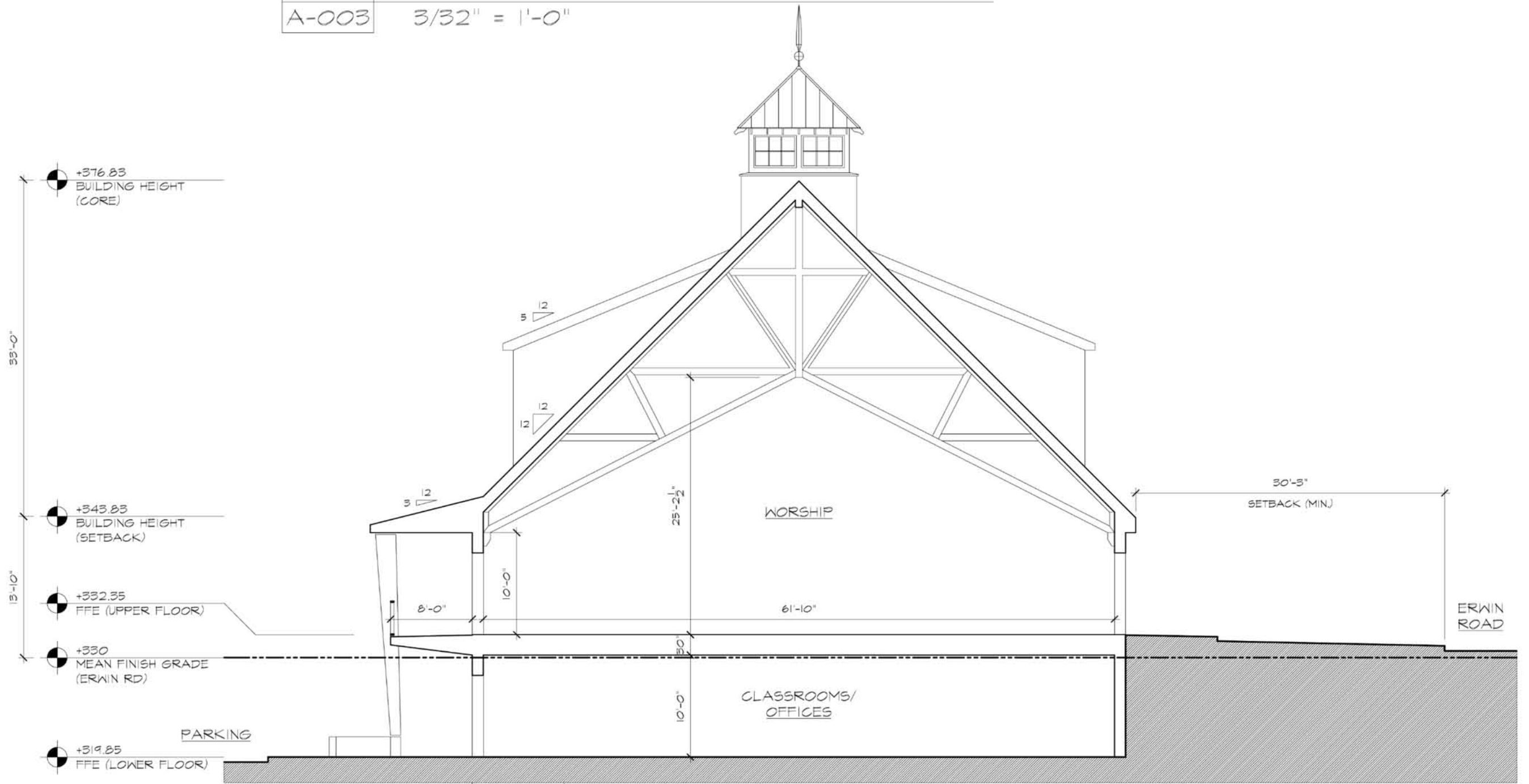
BUILDING AREA:
 UPPER FLOOR GSF: 5,425
 LOWER FLOOR GSF: 5,826
 TOTAL GSF: 11,251
 (BALCONY: 737 SF)



1 LOWER FLOOR PLAN
 A-003 3/32" = 1'-0"

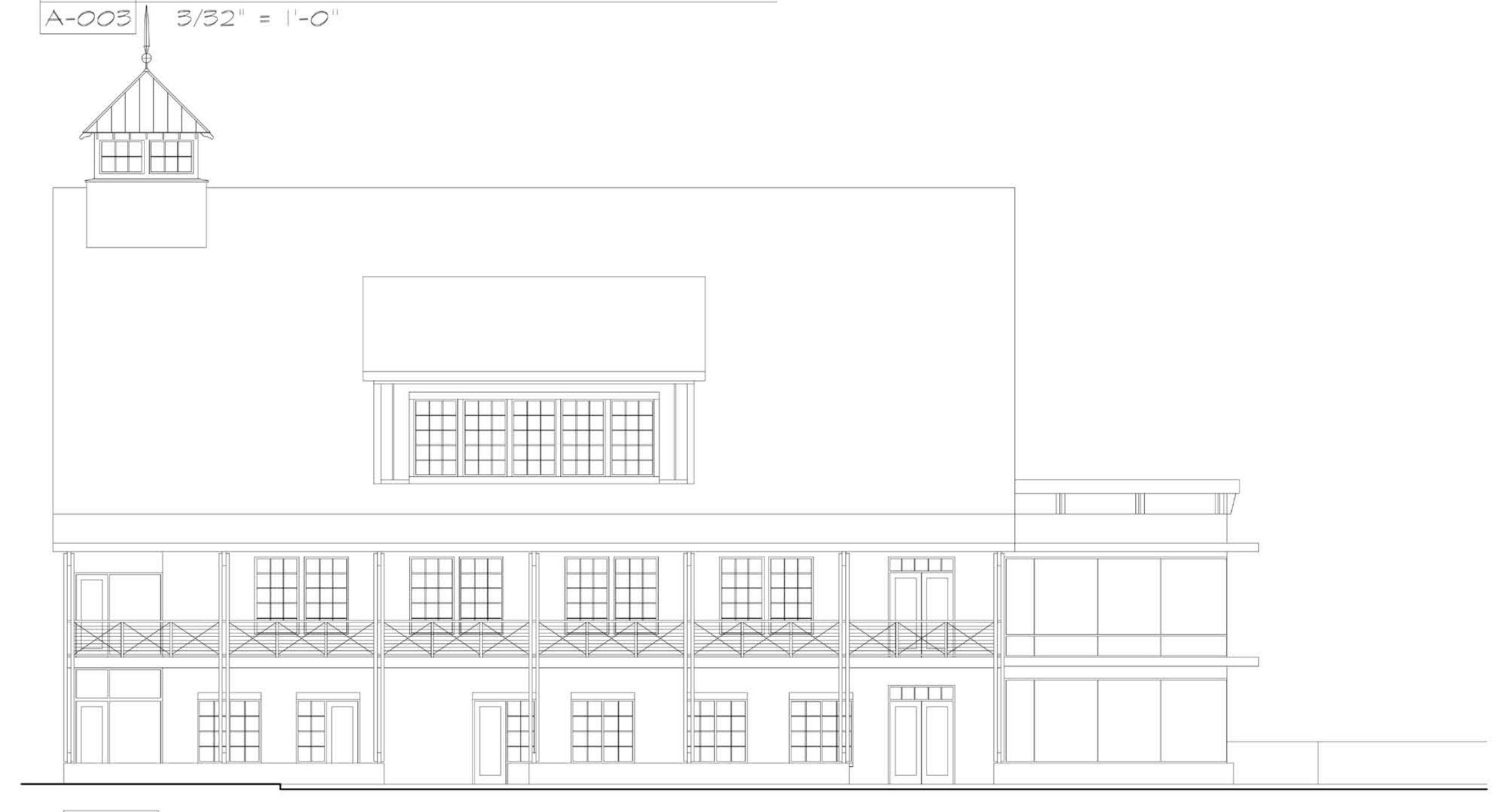


2 UPPER FLOOR PLAN
 A-003 3/32" = 1'-0"

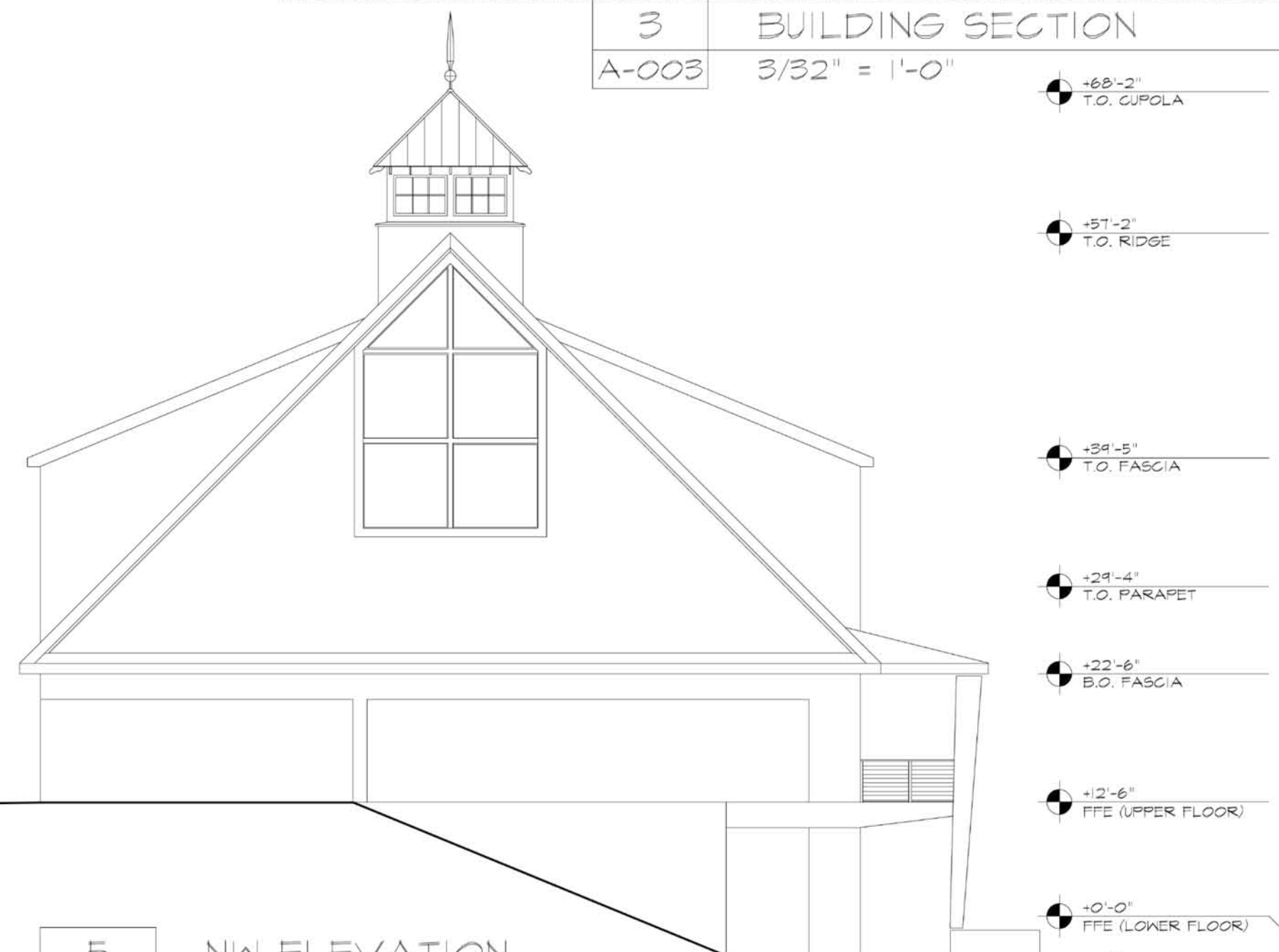


3 BUILDING SECTION
 A-003 3/32" = 1'-0"

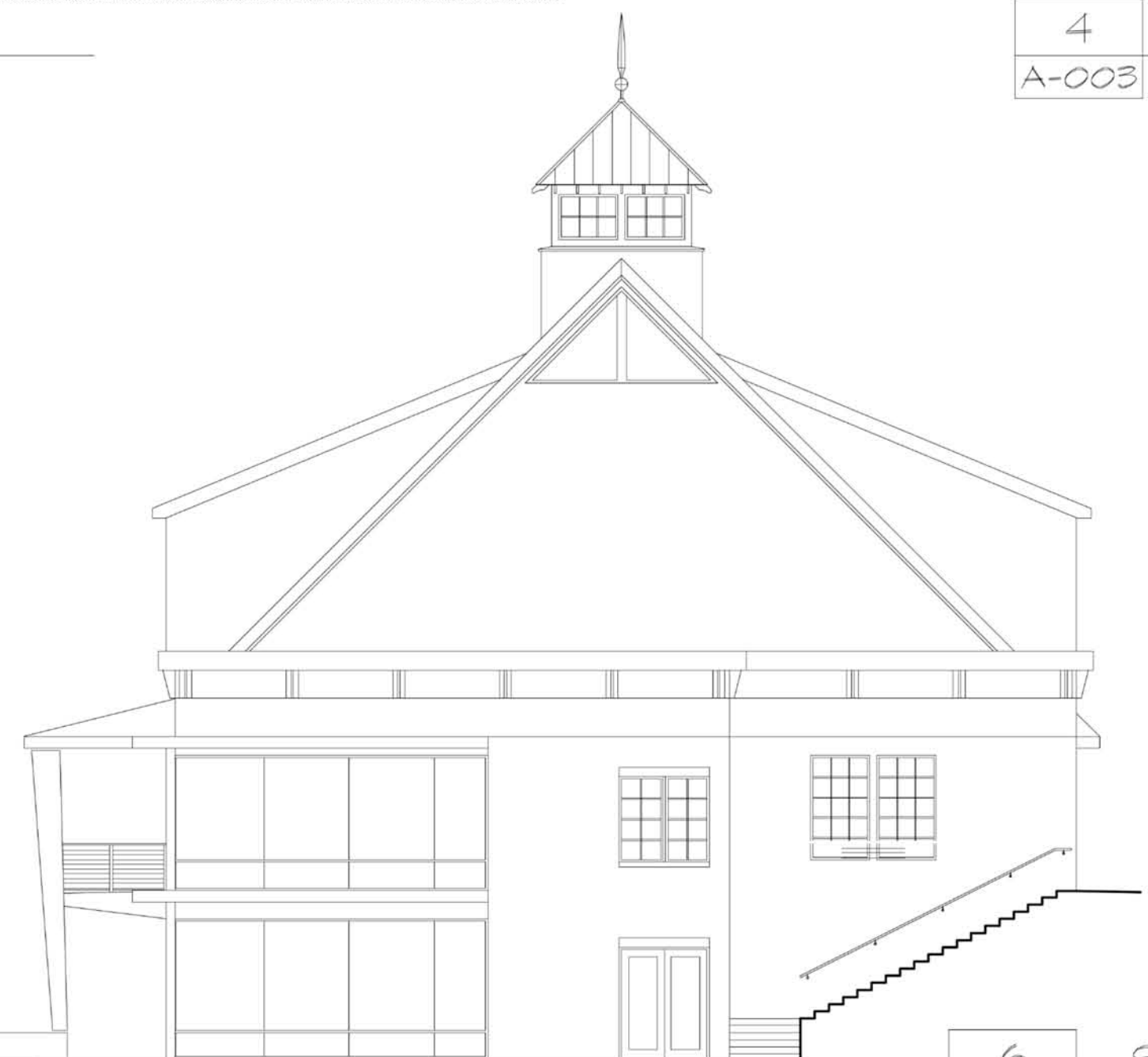
- +68'-2" T.O. CUPOLA
- +51'-2" T.O. RIDGE
- +39'-5" T.O. FASCIA
- +29'-4" T.O. PARAPET
- +22'-6" B.O. FASCIA
- +12'-6" FFE (UPPER FLOOR)
- +0'-0" FFE (LOWER FLOOR)



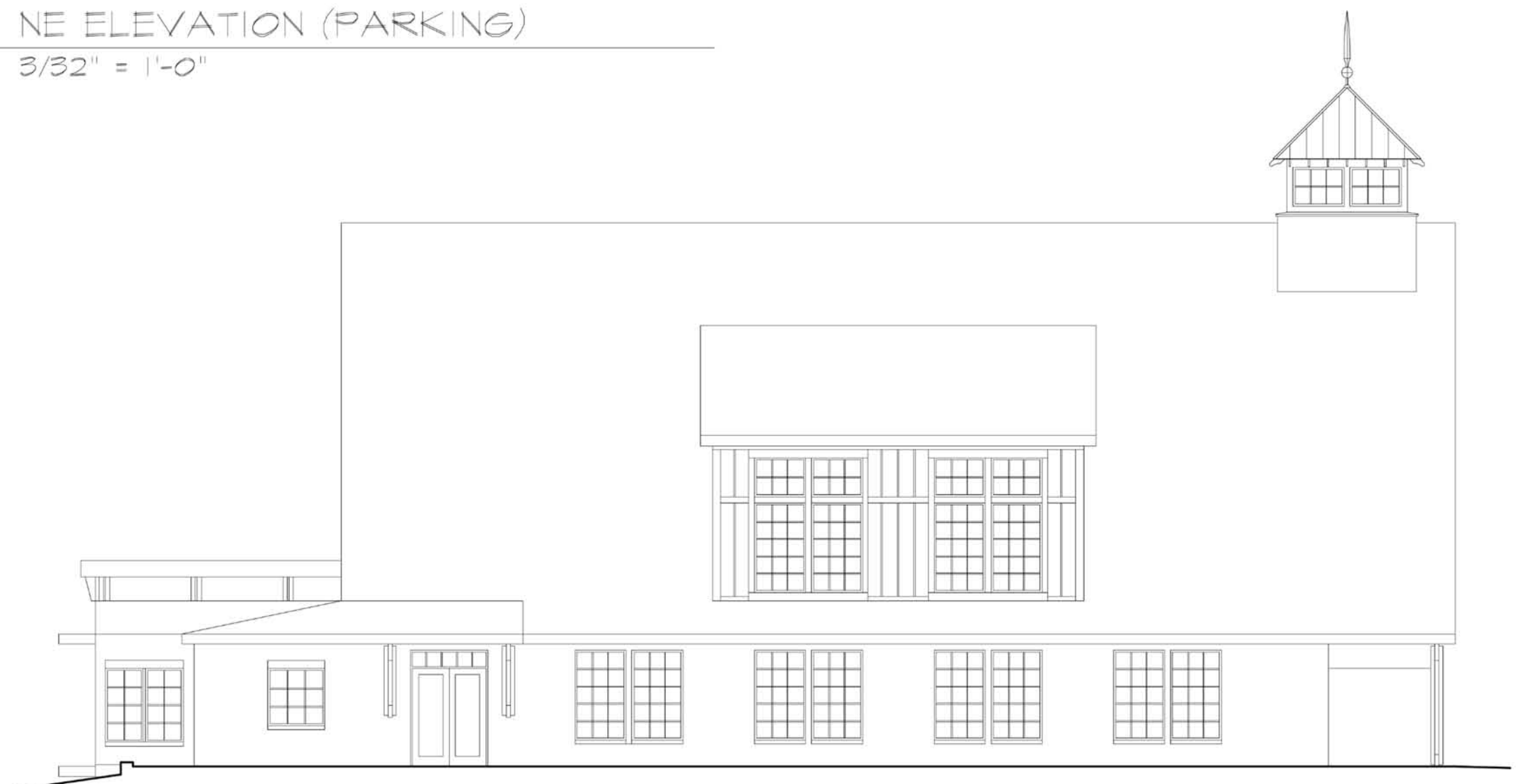
4 NE ELEVATION (PARKING)
 A-003 3/32" = 1'-0"



5 NW ELEVATION
 A-003 3/32" = 1'-0"



6 SE ELEVATION
 A-003 3/32" = 1'-0"



7 SW ELEVATION (ERWIN ROAD)
 A-003 3/32" = 1'-0"

FOR REVIEW ONLY
 NOT FOR CONSTRUCTION

prepared for
 SUP SUBMITTAL
 project name
CHRIST COMMUNITY CHURCH
 141 ERWIN ROAD
 CHAPEL HILL, NC 27514
 project number
 201801-CCC
 drawing title
 BLDG PLANS
 BLDG SECTION
 PERSPECTIVE VIEWS
 drawing scale

AS NOTED
 orientation

 revision history
 11/23/2018 CONCEPT PLAN
 09/06/2019 SUP SUBMITTAL

Mark	Date	Description
Issue/Revision		
CAD File Name		
Drawn By		
Checked By		
Plot Date:		
Reviewed by		
Designed by		
Submitted By		
Drawing Code		

issue date
 09/06/2019
 sheet index

A 003