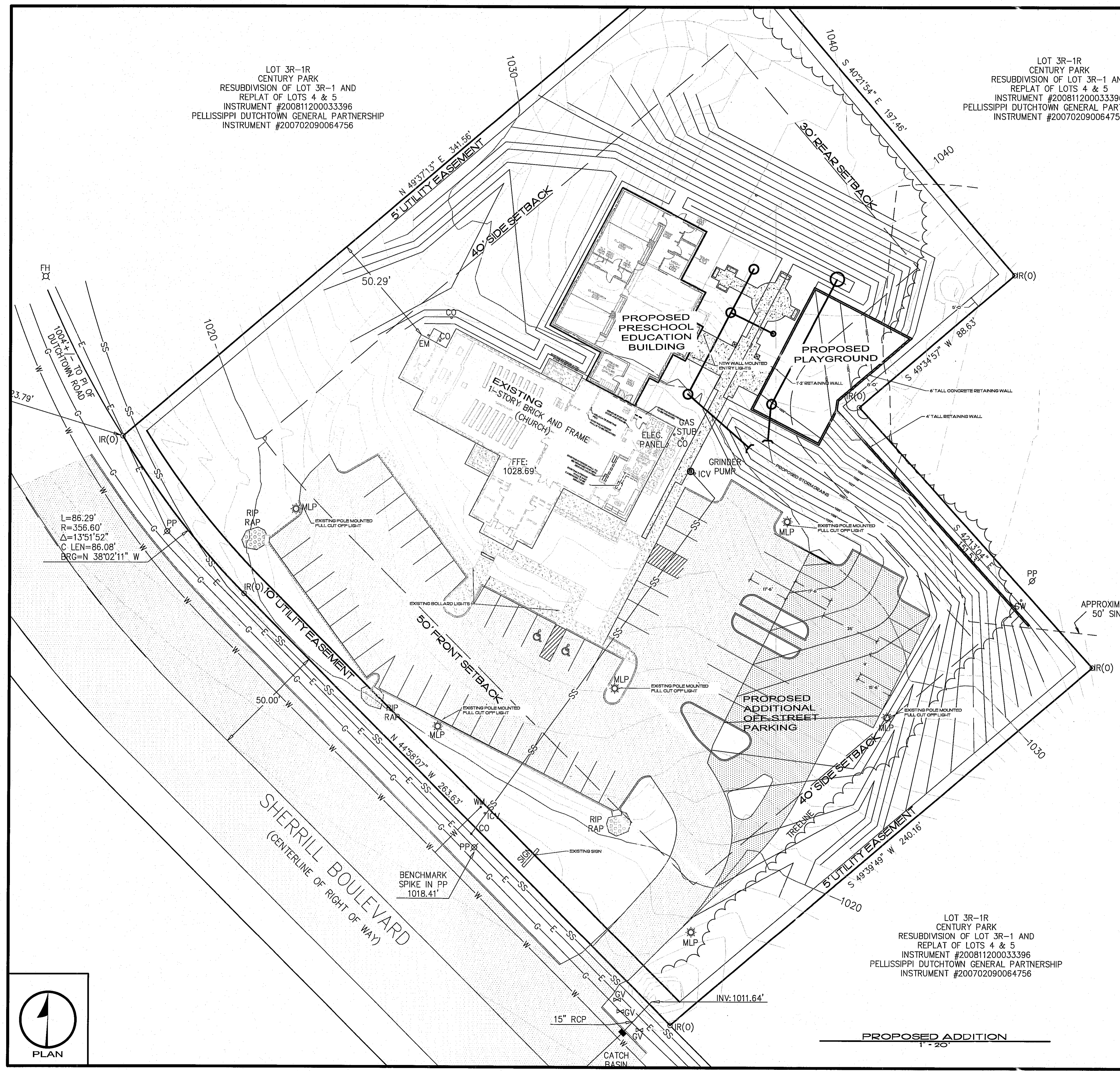


LOT 3R-1R
CENTURY PARK
RESUBDIVISION OF LOT 3R-1 AND
REPLAT OF LOTS 4 & 5
INSTRUMENT #200811200033396
PELLISSIPPI DUTCHTOWN GENERAL PARTNERSHIP
INSTRUMENT #200702090064756

LOT 3R-1R
CENTURY PARK
RESUBDIVISION OF LOT 3R-1 AND
REPLAT OF LOTS 4 & 5
INSTRUMENT #200811200033396
PELLISSIPPI DUTCHTOWN GENERAL PARTNERSHIP
INSTRUMENT #200702090064756



LOCATION ADDRESS:
10231 SHERRILL BOULEVARD
KNOXVILLE, TN 37932

PARCEL: 118 - 17702

AREA: 2.4 ACRES

ZONING BP-1 / TO-1

PROPOSED ADDITIONAL BUILDING: PRESCHOOL EDUCATION

PROPOSED OFF-STREET PARKING: 64 SPACES
MINIMUM SPACES REQUIRED: 53 SPACES

PROPOSED IMPERVIOUS AREA: 36,098 SQ. FT
INCREASE IN IMPERVIOUS AREA: 5,503 SQ. FT

EXISTING CHURCH BUILDING: 5,697 SQ. FT
EXISTING HOUSE TO BE REMOVED: 2,375 SQ. FT

PROPOSED NEW EDUCATION BUILDING: 3,768 SQ. FT

GROUND AREA COVERAGE:
GROSS LOT AREA = 2.40 AC = 104404 SQ. FT.
BUILDING FOOTPRINT AREA = 5697 SQ. FT. EXIST
+ 3768 SQ. FT. NET INCREASE
9465 SQ. FT.

GAC = 9.1% < 25%

FLOOR AREA RATIO:
FAR = 9.1% < 30%

IMPERVIOUS AREA RATIO:
EXISTING IMPERVIOUS = 30,611 SQ. FT.
IMPERVIOUS TO BE REMOVED = 4,316 SQ. FT.
NEW PARKING IMPERVIOUS = 6,000 SQ. FT.
NEW BUILDING IMPERVIOUS = 3,768 SQ. FT.
NEW SIDEWALK IMPERVIOUS = 1,336 SQ. FT.
POST DEVELOPED IMPERVIOUS = 37,399 SQ. FT.

IAR = 35.8% < 70%

PARKING REQUIREMENTS

TTCDA:

EXISTING SANCTUARY BUILDING
130 SEATS, 13% = MAXIMUM 44 SPACES
130 SEATS, 13% = MINIMUM 33 SPACES

ZONING ORDINANCE:

1500 SQ. FT. USABLE FLOOR AREA IN AUDITORIUM
= 1500 SQ. FT. / 25 SQ. FT. = MINIMUM 60 SPACES

PROPOSED TOTAL PARKING SPACES = 62

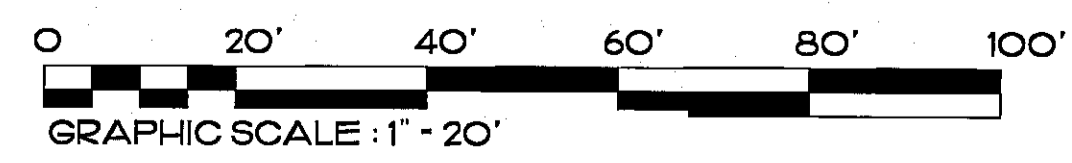
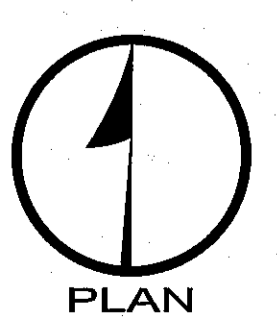
NO NEW SIGNAGE IS PROPOSED.

L=86.29'
R=356.60'
Δ=13°51'52"
C LEN=86.08'
BRC=N 38°02'11" W

BENCHMARK
SPIKE IN PP
1018.41'

LOT 3R-1R
CENTURY PARK
RESUBDIVISION OF LOT 3R-1 AND
REPLAT OF LOTS 4 & 5
INSTRUMENT #200811200033396
PELLISSIPPI DUTCHTOWN GENERAL PARTNERSHIP
INSTRUMENT #200702090064756

1-A-B-UR
REVISED
12-31-12



REVISIONS
1
2

678.850.9055 INFO@ARCOENGINEERING.COM

ARCO ENGINEERING

1510 SENOIA ROAD SUITE A
TYRONE, GEORGIA 30290

PROPOSED NEW PRESCHOOL
EDUCATION BUILDING PLAN

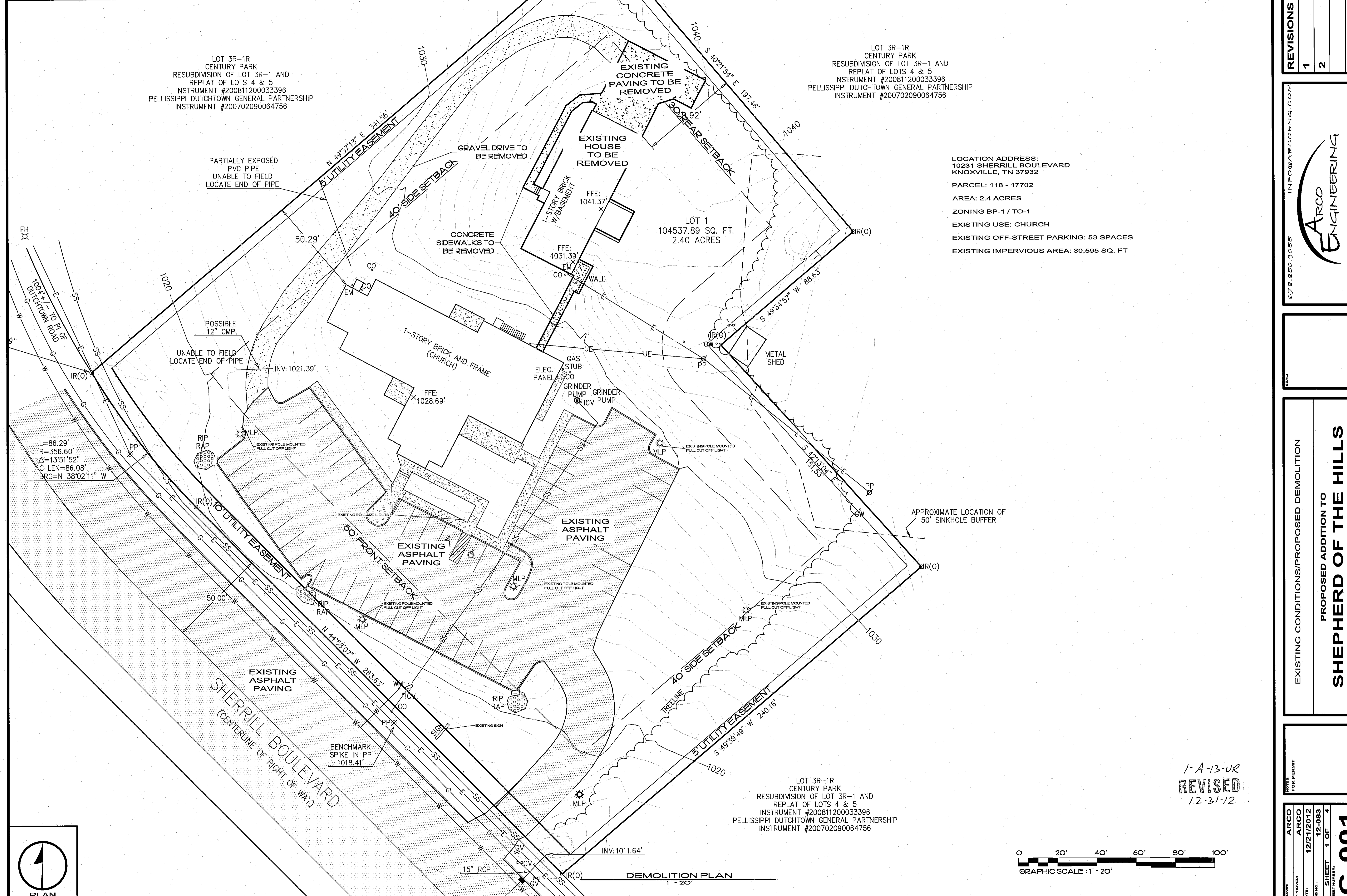
PROPOSED ADDITION TO
SHEPHERD OF THE HILLS
10231 SHERRILL BOULEVARD, KNOXVILLE, TENNESSEE 37932

ARCO
APPROVED: ARCO
DATE: 12/27/2012
JOB NO.: 12-083
SHEET NUMBER: 2 OF 4
C-002

LOT 3R-1R
CENTURY PARK
RESUBDIVISION OF LOT 3R-1 AND
REPLAT OF LOTS 4 & 5
INSTRUMENT #200811200033396
PELLISSIPPI DUTCHTOWN GENERAL PARTNERSHIP
INSTRUMENT #200702090064756

LOT 3R-1R
CENTURY PARK
RESUBDIVISION OF LOT 3R-1 AND
REPLAT OF LOTS 4 & 5
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PELLISSIPPI DUTCHTOWN GENERAL PARTNERSHIP
INSTRUMENT #200702090064756

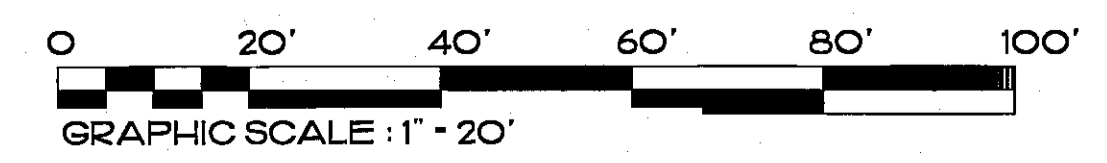
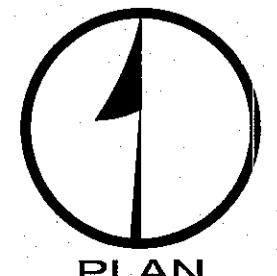
LOCATION ADDRESS:
10231 SHERRILL BOULEVARD
KNOXVILLE, TN 37932
PARCEL: 118 - 17702
AREA: 2.4 ACRES
ZONING BP-1 / TO-1
EXISTING USE: CHURCH
EXISTING OFF-STREET PARKING: 53 SPACES
EXISTING IMPERVIOUS AREA: 30,595 SQ. FT



L=86.29'
R=356.60'
Δ=13°51'52"
C LEN=86.08'
BRG=N 38°02'11" W

LOT 3R-1R
CENTURY PARK
RESUBDIVISION OF LOT 3R-1 AND
REPLAT OF LOTS 4 & 5
INSTRUMENT #200811200033396
PELLISSIPPI DUTCHTOWN GENERAL PARTNERSHIP
INSTRUMENT #200702090064756

1-A-13-UR
REVISED
12-31-12



REVISIONS	1	2

678.850.9055 INFO@ARCOENGINEERING.COM

ARCO ENGINEERING

1510 SENOIA RD SUITE A
TYRONE, GEORGIA 30250

EXISTING CONDITIONS/PROPOSED DEMOLITION

PROPOSED ADDITION TO

SHEPHERD OF THE HILLS

10231 SHERRILL BOULEVARD, KNOXVILLE, TENNESSEE 37932

DRAWN: ARCO	12/21/2012	SHEET 1 OF 4	C-001
APPROVED: ARCO	DATE: 12-083		
NOTED: FOR PERMIT			

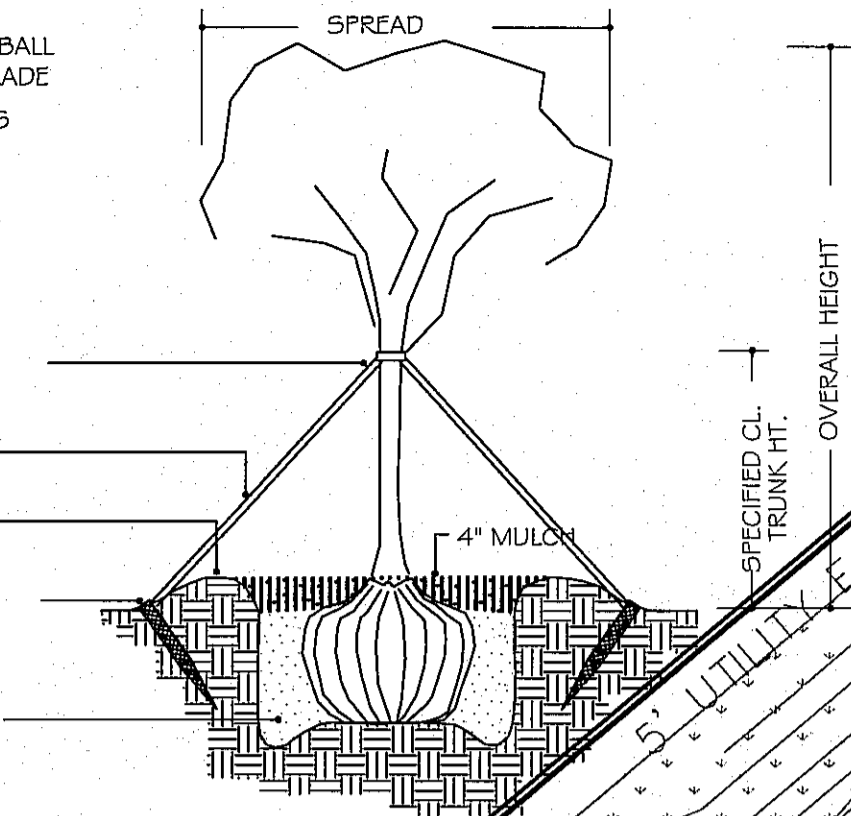
- NOTES:
- STAKING AS REQUIRED
 - PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE
 - STAKE ABOVE FIRST BRANCHES OR AS NECESSARY FOR FIRM SUPPORT
 - PAINT ALL CUTS OVER 1" DIAM.
 - FLAG ALL GUYING WIRES WITH SURVEYING TAPE

WIDE, SOFT, FLEXIBLE WOVEN POLYPROPYLENE WEBBING

3 SUPPORTS SHALL BE USED ON MAIN TRUNK FORM SAUCER WITH 4" CONTINUOUS RIM

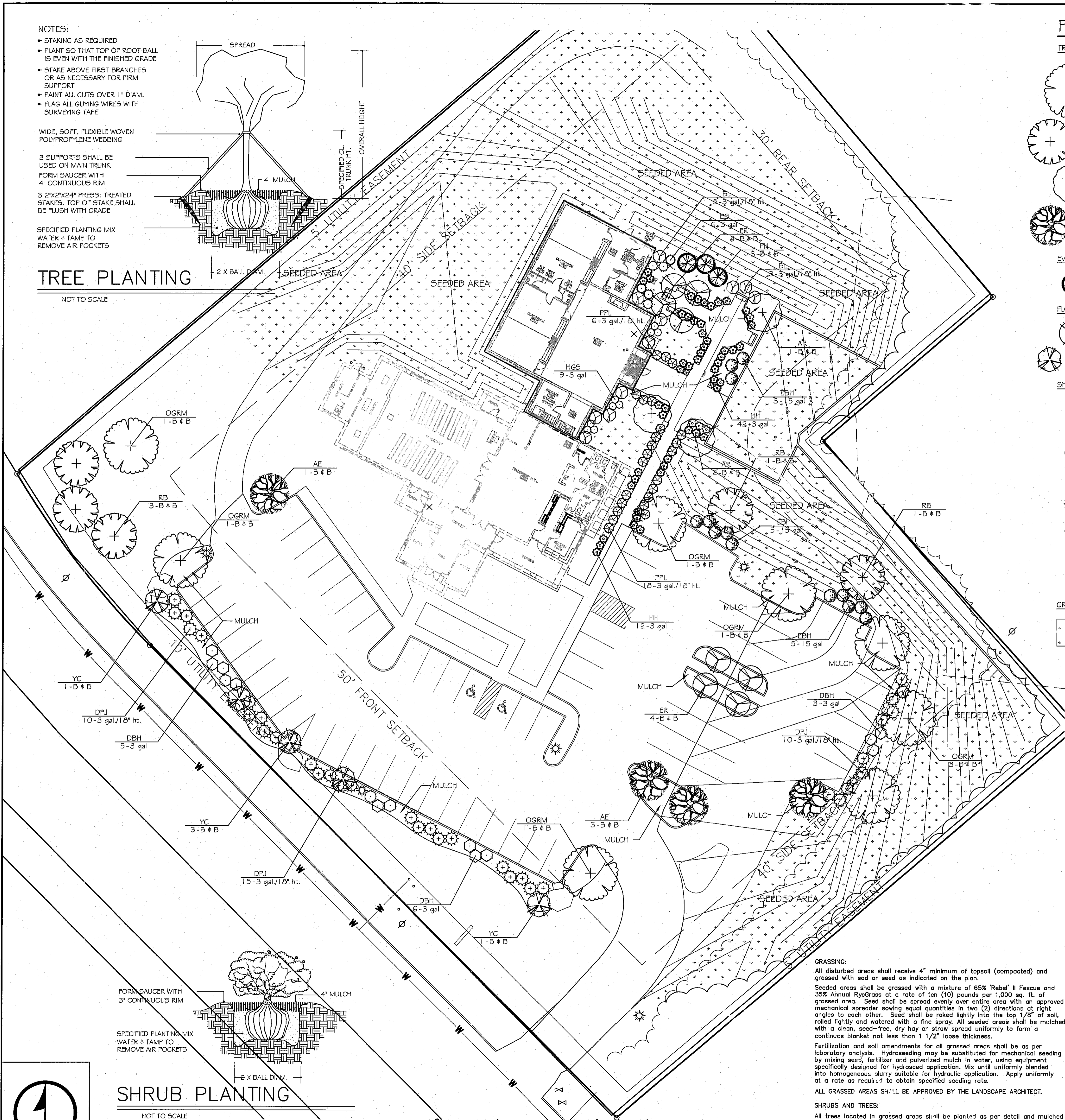
3 2"x2"x24" PRESS. TREATED STAKES. TOP OF STAKE SHALL BE FLUSH WITH GRADE

SPECIFIED PLANTING MIX WATER & TAMP TO REMOVE AIR POCKETS



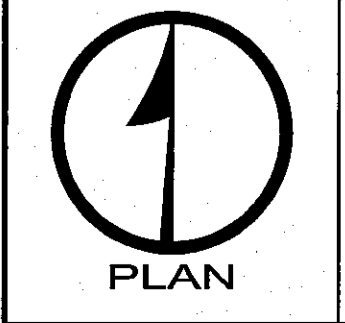
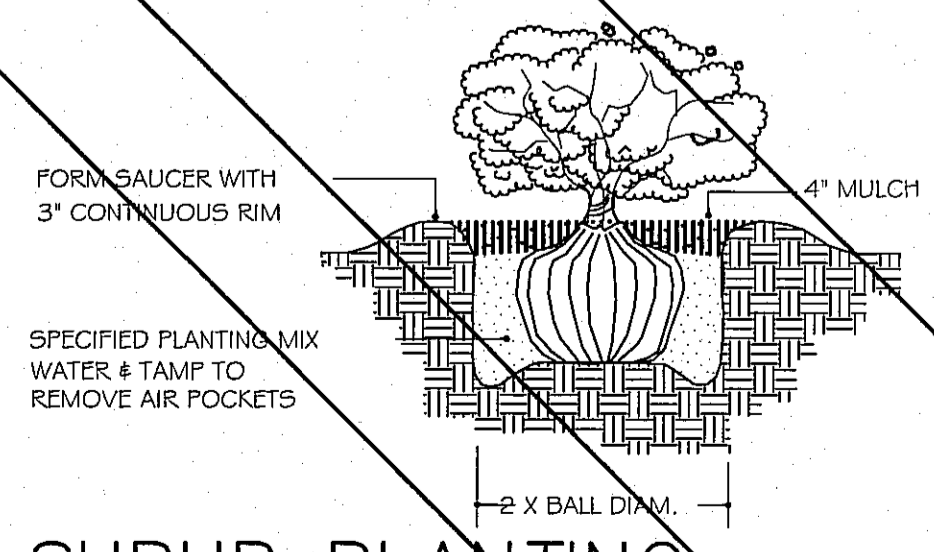
TREE PLANTING

NOT TO SCALE



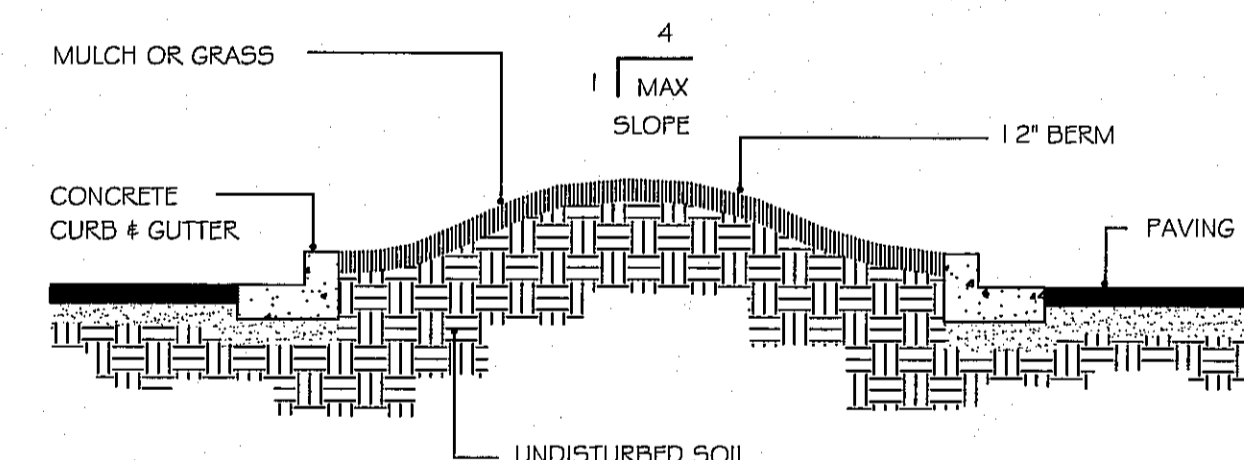
SHRUB PLANTING

NOT TO SCALE



PLANT SCHEDULE

TREES	CODE	COMMON NAME	BOTANICAL NAME	CONT.	CAL.	QTY.
	OGRM	'October Glory' Maple Matching Specimens	Acer rubrum 'October Glory' TM	B & B	2" cal./12" ht.	8
	RB	Multi-Trunk River Birch Multi-Tr./Min. 3 Tr.	Betula nigra	B & B	2" cal./12" ht.	5
	AR	American Hornbeam Matching Specimens	Carpinus caroliniana	B & B	2" cal./12" ht.	3
	AE	Allee Lacebark Elm Matching Specimens	Ulmus parvifolia 'Allee'	B & B	2" cal./12" ht.	4
EVERGREEN TREES	CODE	COMMON NAME	BOTANICAL NAME	CONT.	CAL.	QTY.
	FH	Foster's #2 Holly	Ilex attenuata 'Foster's #2'	B & B	1.5" cal./6-7 ft. ht.	3
FLOWERING TREES	CODE	COMMON NAME	BOTANICAL NAME	CONT.	CAL.	QTY.
	ER	Eastern Redbud Multi-Trunk/Min. 3 Tr.	Cercis canadensis	B & B	2" cal./6" ht.	8
	YC	Yoshino Cherry Multi-Trunk/Min. 3 Tr.	Prunus yedoensis	B & B	2" cal./6" ht.	5
SHRUBS	CODE	COMMON NAME	BOTANICAL NAME	CONT.	CAL.	QTY.
	DBH	Dwarf Burford Holly Full	Ilex cornuta 'Burfordii Nana'	3 gal.		14
	HH	'Hellen' Holly Full	Ilex crenata 'Hellen'	3 gal.		54
	EBH	Emily Bruner Holly Full	Ilex x 'Emily Bruner'	15 gal.		13
	HGS	Henry's Garnet Sweetspire Full	Itea virginica 'Henry's Garnet'	3 gal.		9
	DPJ	Compacta Pfitzer Full	Juniperus chinensis 'Pfitzenana Compacta'	3 gal./18" ht.		35
	BL	Burgundy Loropetalum Full	Loropetalum chinense rubrum 'Burgundy'	3 gal./18" ht.		11
	PPL	Purple Pixie Loropetalum Full	/ R U R S H W D O X P F K L Q H Q V H 1 6 3 gal./18" ht. O R 3 X U S O H 243 L [L H C			
	BS	Bumald Spiraea Full	Spiraea japonica 'Bumald'	3 gal.		6
GROUND COVERS	CODE	COMMON NAME	BOTANICAL NAME	CONT.	CAL.	QTY.
	SEED	Fescue/Rye Grass Blend		seed		32,502 sf



PARKING ISLAND DETAIL

NOT TO SCALE

LANDSCAPE PLANTING:
The landscape contractor shall familiarize himself with the site conditions and verify them to his satisfaction. The landscape contractor shall accept the site conditions and do the work specified without additional compensation for possible variation from grades and conditions shown.

Prior to construction the landscape contractor shall be responsible for locating all underground utilities and shall avoid damage to all utilities during construction. Should the landscape contractor cause damage to any utilities, he shall make necessary repairs as quickly as practicable without additional compensation.

All plant material sizes and measurements, including trunk, head and spread sizes, container and rootball sizes, quality and condition shall conform to the standards set forth in the current issue of "American Standards for Nursery Stock" (ANSI Z60.1).

All plant material are subject to the approval by the owner, and may be inspected at the place of growth or at site before planting.

The landscape contractor shall be responsible for maintaining, in full, all landscape planting work (including watering, spraying for insects and diseases, mulching, mowing, fertilizing, cultivating, edging and weeding) during installation and until acceptance by the owner.

The landscape contractor shall completely guarantee all landscape planting work and materials for a period of one (1) full year from the date the work has been approved by the owner as installed. All plant material not in a healthy growing condition shall be removed immediately and replaced as soon as practicable with like kind at no charge to the owner.

The landscape contractor shall be responsible for obtaining soil samples from top soil and native or fill soils at the site and submitting them to an approved soil testing laboratory, and obtain analyses and recommendations for amending these soils and fertilization of specified plant material.

All planting areas, shrub beds and trees shall be mulched with a minimum compacted depth of four (4) inches of mulch as specified. Prior to mulching apply: $\frac{1}{2}$ cup of 10-10-10 fertilizer per 100 sq. ft. of mulch area.

All disturbed areas of the site shall be either grassed or planted immediately after grading in order to prevent soil erosion. A permanent vegetation cover shall be provided throughout all unpaired areas of the site, adjacent disturbed areas and right-of-way (R.O.W.). All work within any R.O.W. shall conform to standards and specifications of local and/or state jurisdictions.

1-A-13-UR
REVISED
12-31-12

LOCATION ADDRESS:
10231 SHERRILL BOULEVARD
KNOXVILLE, TN 37932

PARCEL: 118 - 17702

AREA: 2.4 ACRES

ZONING BP-1 / TO-1

PROPOSED ADDITIONAL BUILDING: PRESCHOOL EDUCATION

PROPOSED OFF-STREET PARKING: 62 SPACES
MINIMUM SPACES REQUIRED: 60 SPACES

PROPOSED IMPERVIOUS AREA: 36,098 SQ. FT.
EXISTING IMPERVIOUS AREA: 5,503 SQ. FT.
INCREASE IN IMPERVIOUS AREA: 30,595 SQ. FT.

EXISTING CHURCH BUILDING: 5,697 SQ. FT.
EXISTING HOUSE TO BE REMOVED: 2,375 SQ. FT.

PROPOSED NEW EDUCATION BUILDING: 3,768 SQ. FT.

GROUND AREA COVERAGE:
GROSS LOT AREA = 2.40 AC = 104404 SQ. FT.
BUILDING FOOTPRINT AREA = 5697 SQ. FT. EXIST
+ 3768 SQ. FT. NET INCREASE
= 9465 SQ. FT.

GAC = 9.1% < 25%

FLOOR AREA RATIO:
FAR = 9.1% < 30%

IMPERVIOUS AREA RATIO:
EXISTING IMPERVIOUS = 30,611 SQ. FT.
NEW IMPERVIOUS TO BE REMOVED = 5,836 SQ. FT.
NEW PARKING IMPERVIOUS = 3,768 SQ. FT.
NEW BUILDING IMPERVIOUS = 1,336 SQ. FT.
POST DEVELOPED IMPERVIOUS = 37,234 SQ. FT.

IAR = 35.7% < 70%

REVISIONS	NO.	DESCRIPTION
	1	
	2	

678.850.9055 INFO@ARCOENG.COM

ARCOCO ENGINEERING

7510 SENECGA RD SUITE 300
TYRONE, GEORGIA 30250

LANDSCAPE PLAN

PROPOSED ADDITION TO
SHEPHERD OF THE HILLS
10231 SHERRILL BOULEVARD, KNOXVILLE, TENNESSEE 37932

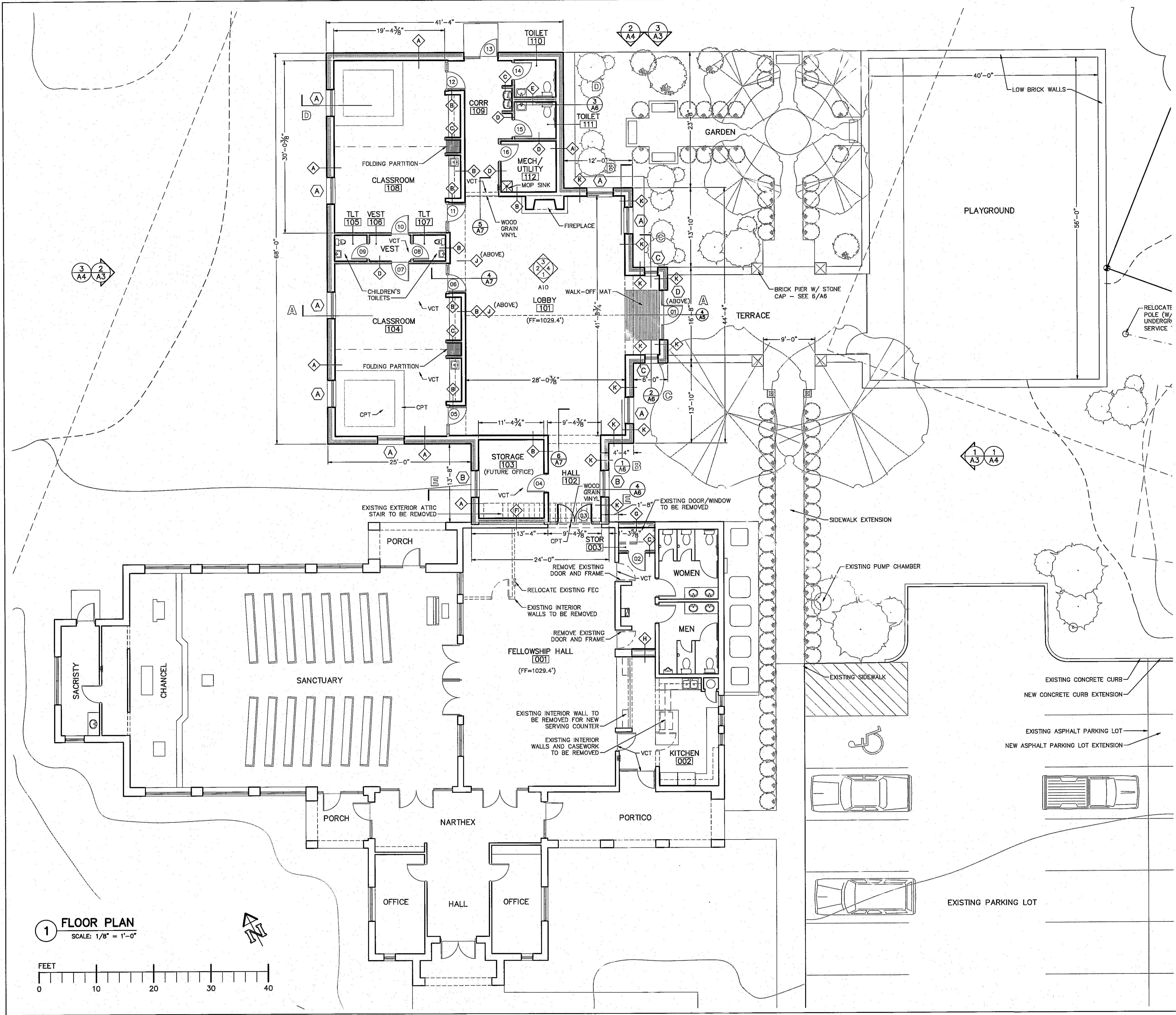
DATE: 12/20/2012

APPROVED: [Signature]

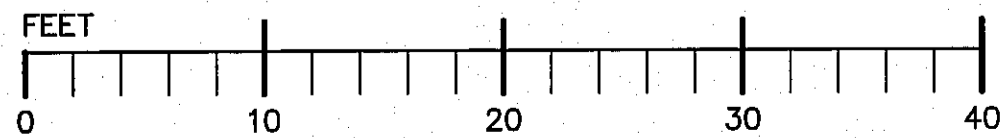
FOR PERMIT

SHEET 1 OF 4

L-001



1 FLOOR PLAN
SCALE: 1/8" = 1'-0"



OCCUPANT LOAD SUMMARY

EXISTING CHURCH BUILDING:	218 PERSONS
SANCTUARY:	130
FELLOWSHIP HALL:	79
KITCHEN:	5
OFFICES:	4
PROPOSED ADDITION:	144 PERSONS
LOBBY:	82
CLASSROOMS:	60
STORAGE/OFFICE:	2

FLOOR AREA SUMMARY

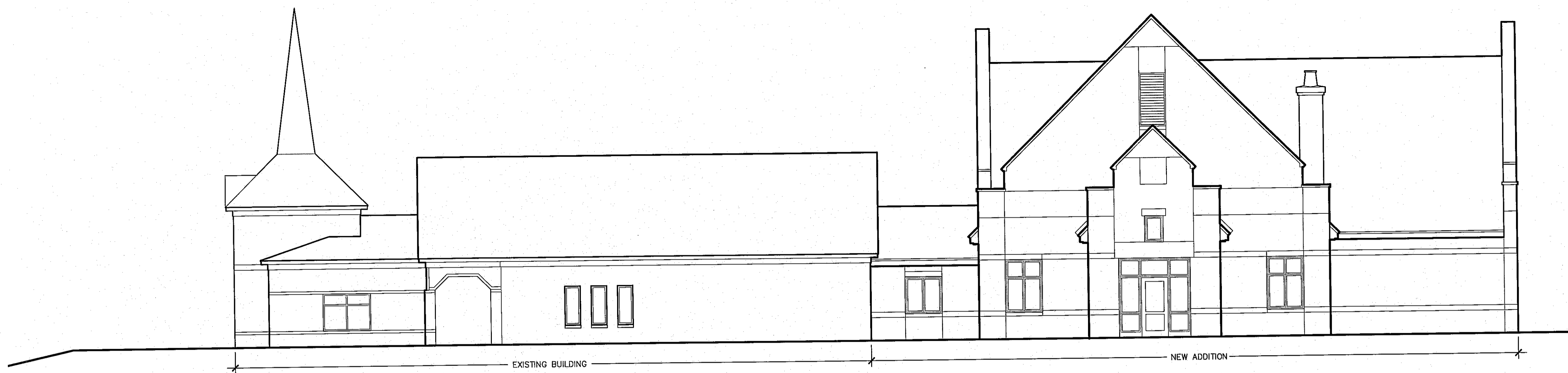
EXISTING CHURCH BUILDING:	6,250 SF
PROPOSED ADDITION:	3,700 SF
TOTAL AREA:	9,950 SF

1-A-13-UR
REVISED
12-31-12

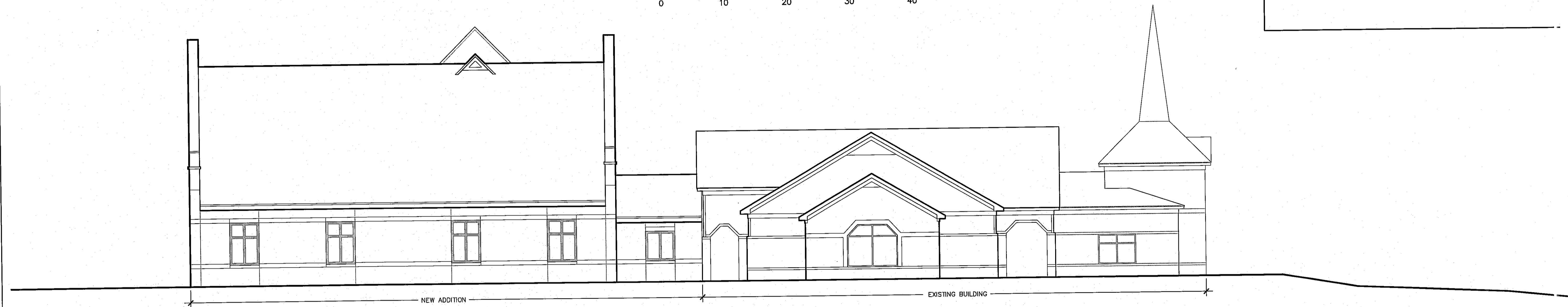
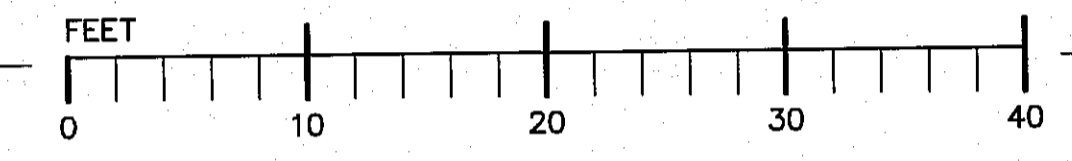
SUMMARY OF EXTERIOR FINISHES

BRICK VENEER:	FACE BRICK MATCHING EXISTING BRICK (RED)
MASONRY MORTAR:	MASONRY MORTAR COLOR MATCHING EXISTING MORTAR
CAST STONE DETAILS:	CAST STONE IN NATURAL "LIMESTONE" BUFF FINISH
EXTERIOR LOUVERS & VENTS:	PREFINISHED ALUMINUM COLOR MATCHING CAST STONE
EXTERIOR DOORS:	ANODIZED ALUMINUM ENTRANCES COLOR: "MEDIUM BRONZE"
EXTERIOR WINDOW FRAMES:	ANODIZED ALUMINUM WINDOWS COLOR: "MEDIUM BRONZE"
SHINGLE ROOFING:	ARCHITECTURAL SHINGLE MATCHING EXISTING
RIDGE VENT:	PRE-MANUFACTURED RIDGE VENT COLOR MATCHING SHINGLES
DRIP EDGE:	PREFINISHED ALUMINUM DRIP EDGE COLOR MATCHING FASCIA
ROOF FASCIA & COPING:	PREFINISHED ALUMINUM OR MEMBRANE-COATED METAL COLOR MATCHING CAST STONE
ROOF SOFFIT:	PREFINISHED ALUMINUM VENTING SOFFIT COLOR MATCHING CAST STONE
SEALANTS:	ELASTOMERIC JOINT SEALANTS COLOR MATCHING ADJACENT FINISHES

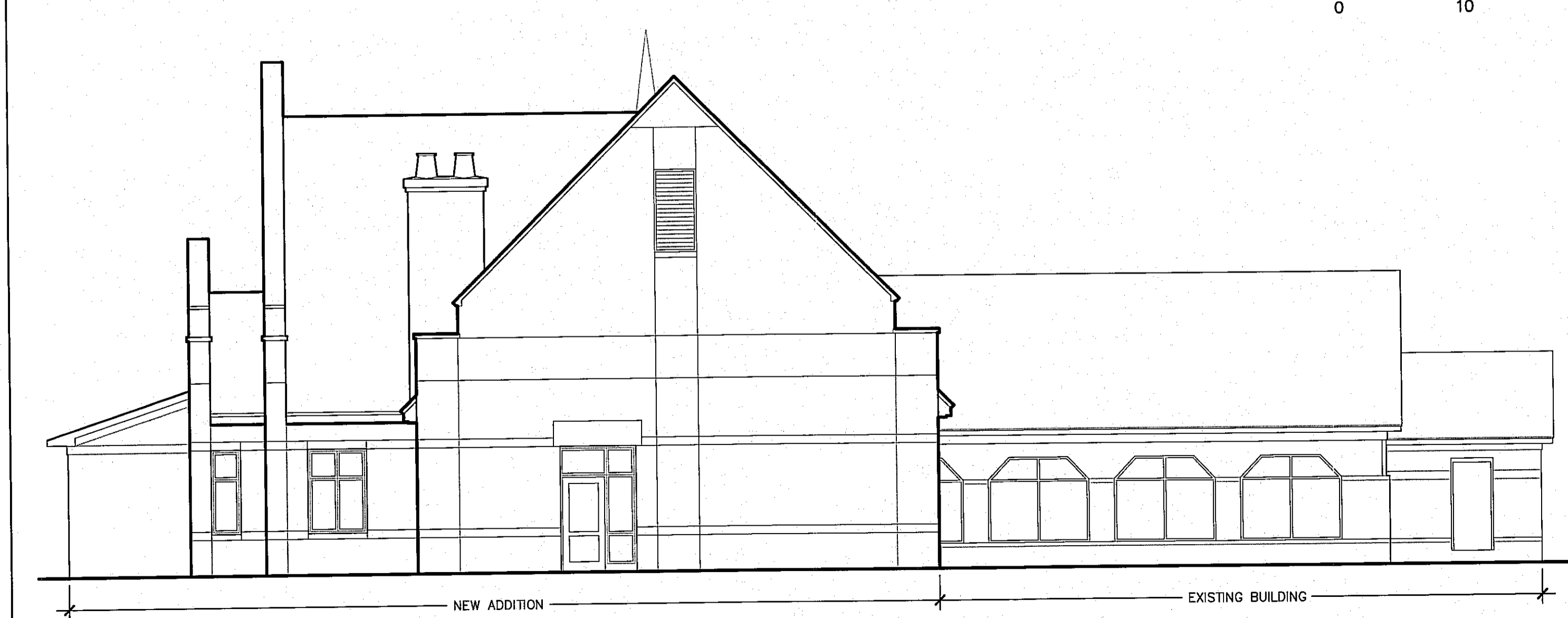
SHL_PLAN				
DWN:	REV:	REV:	REV:	REV:



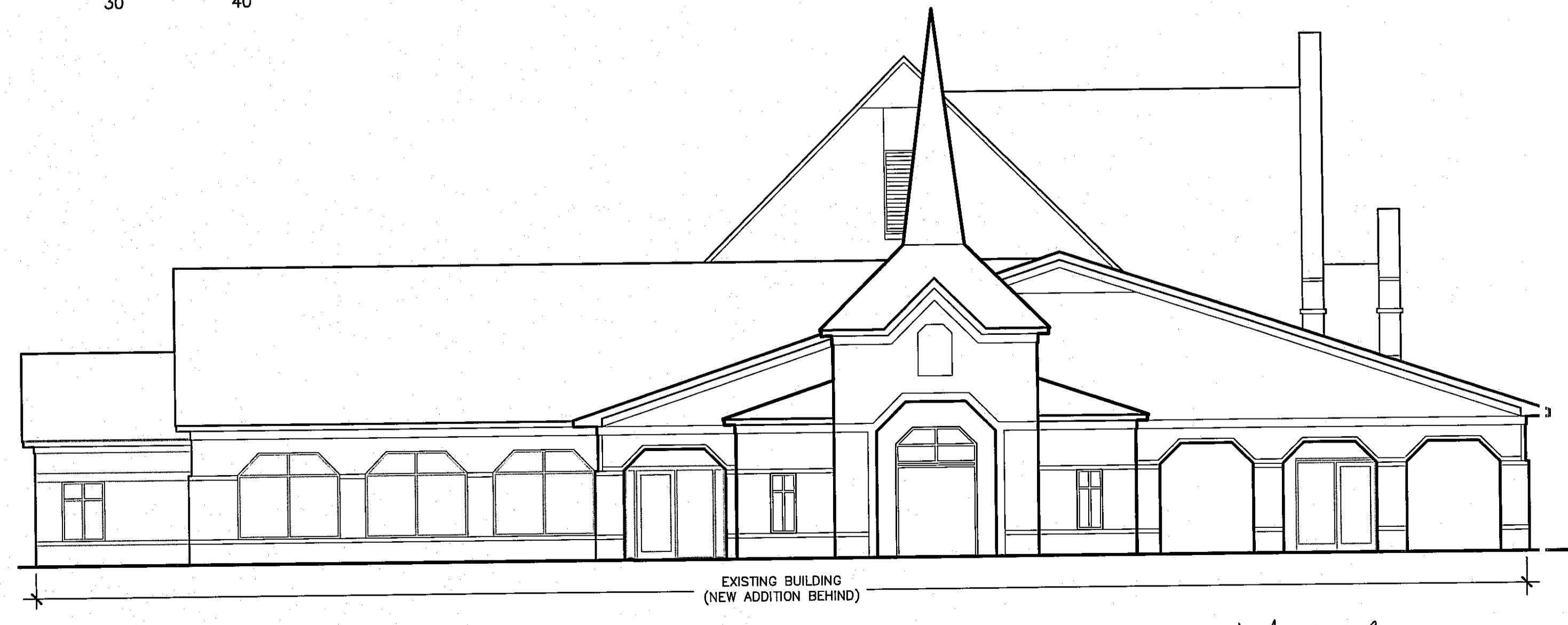
1 EAST EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



2 WEST EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



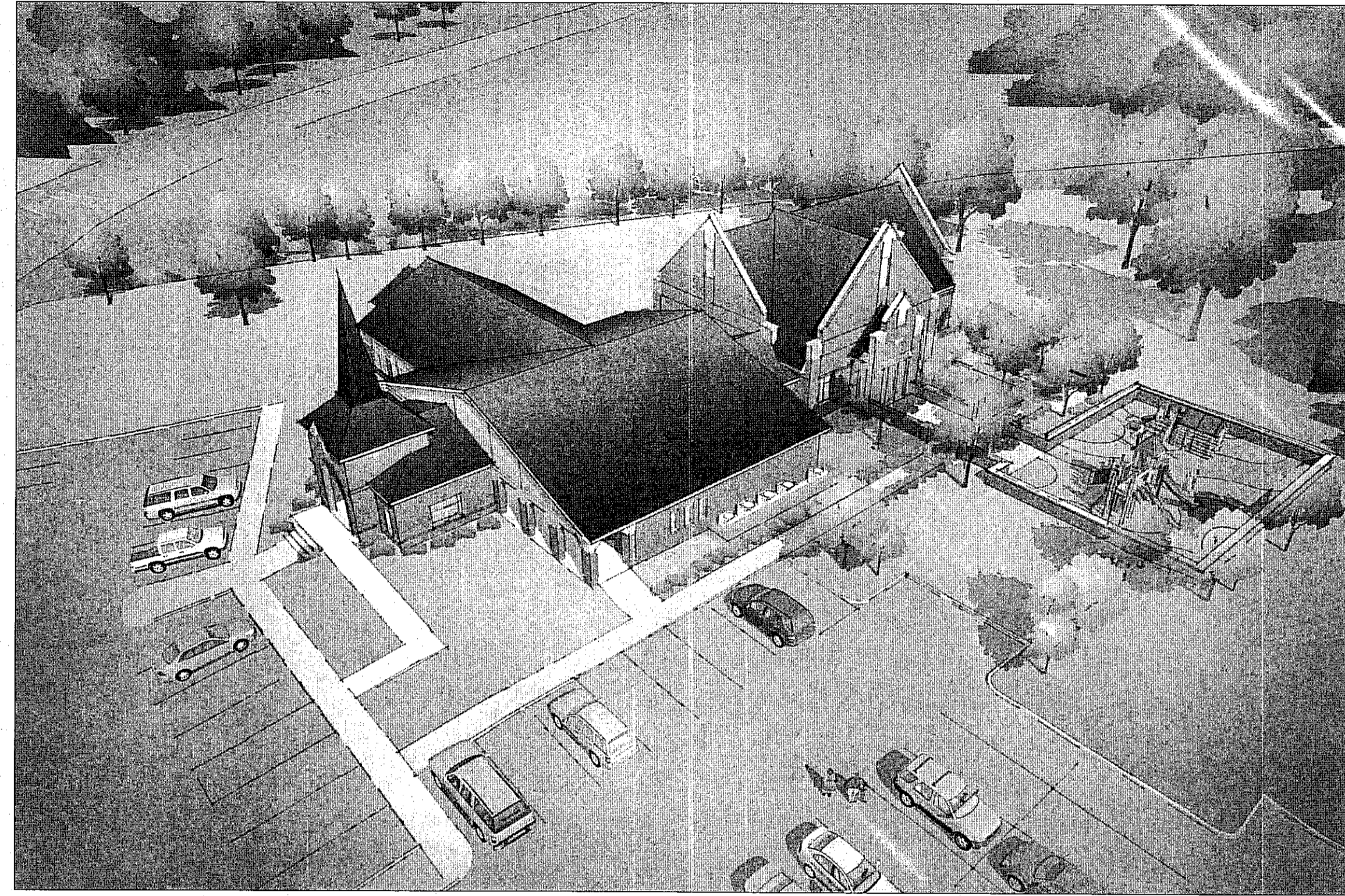
3 NORTH EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



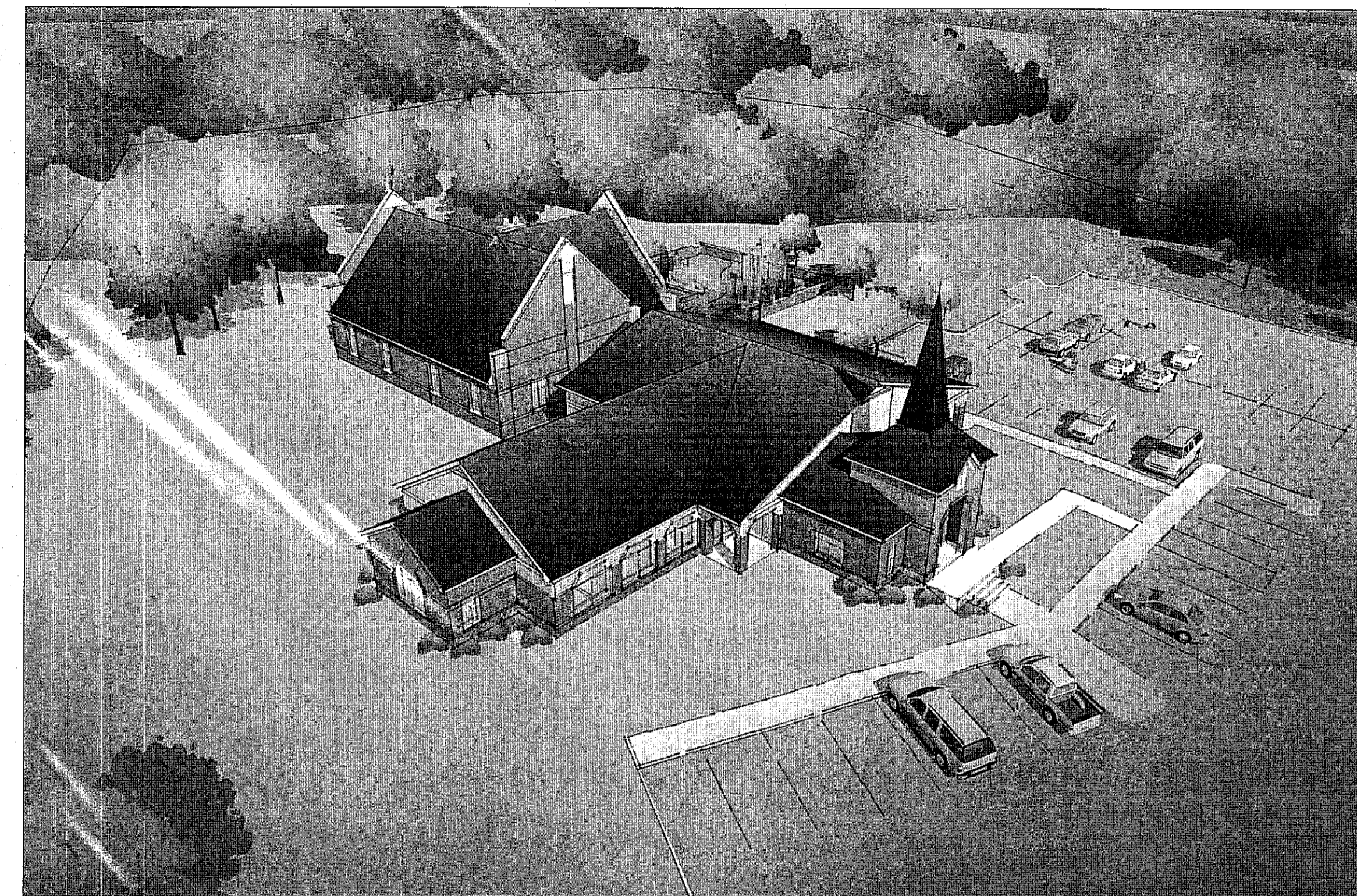
4 SOUTH EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

1-A-13-UR

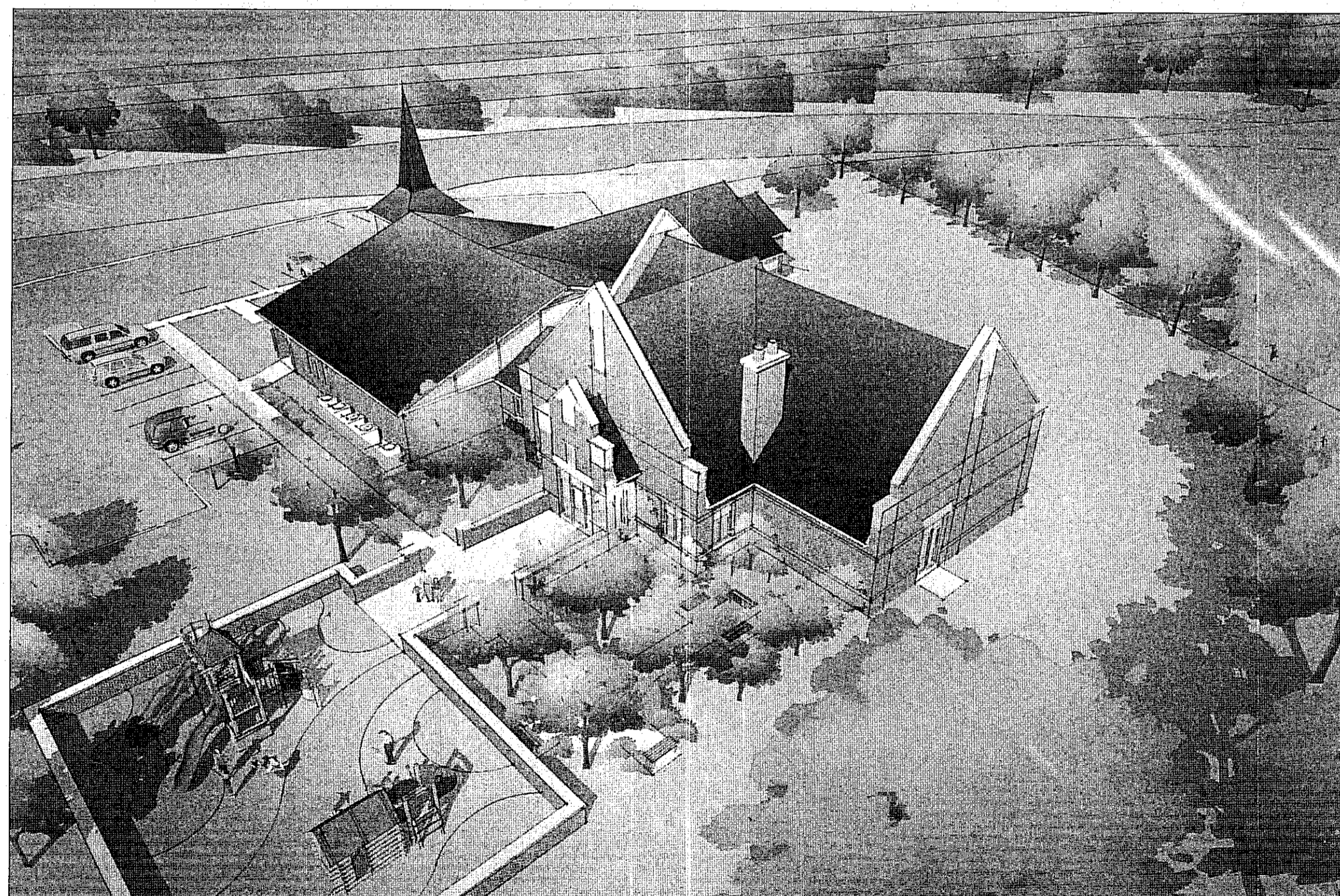
EXTERIOR RENDERINGS



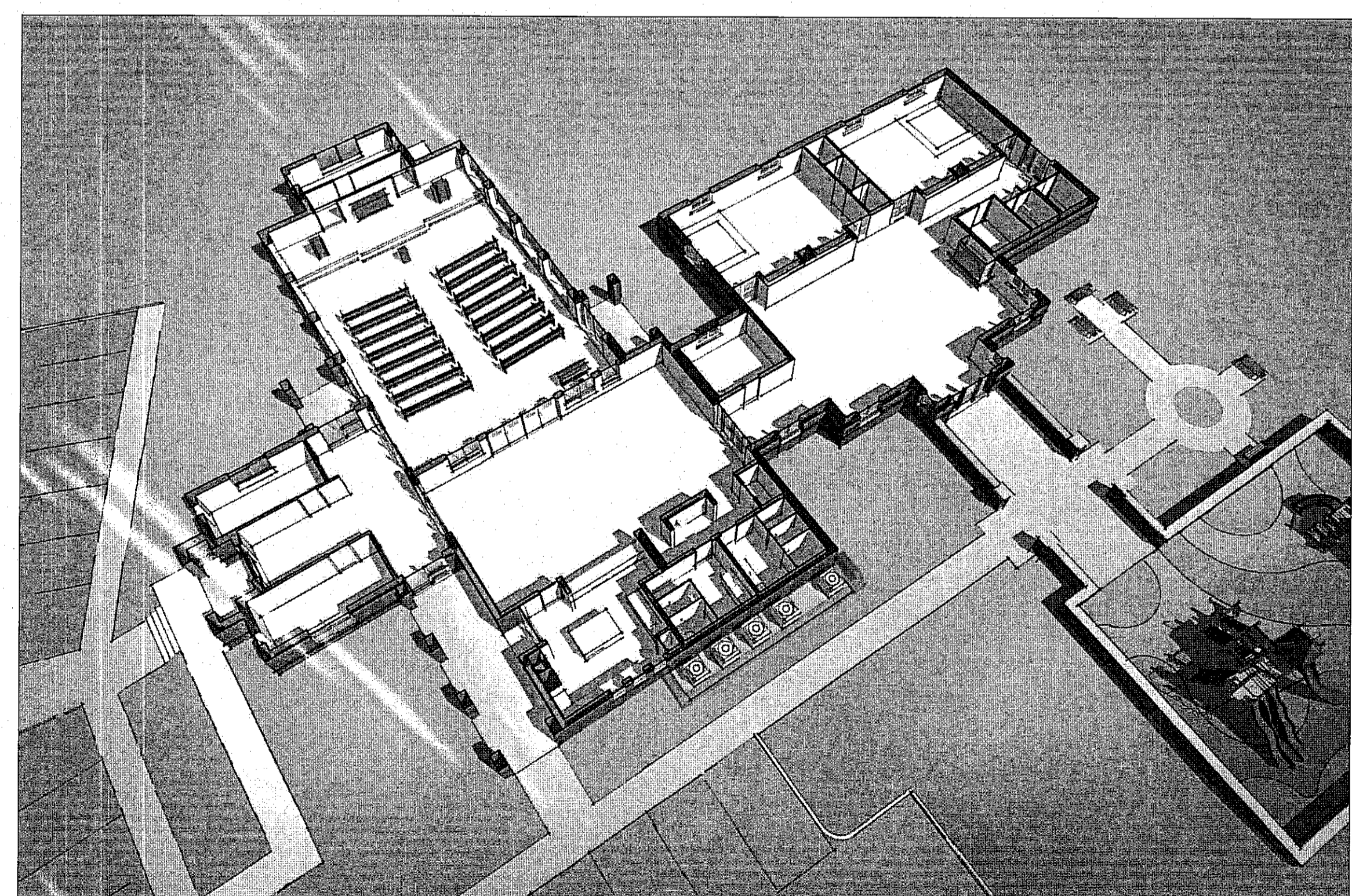
AERIAL VIEW (LOOKING NORTH)



AERIAL VIEW (LOOKING NORTHEAST)

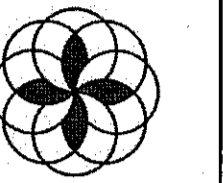


AERIAL VIEW (LOOKING SOUTHWEST)



AERIAL CUTAWAY SECTION VIEW (LOOKING NORTHWEST)

MASSMAN
STUDIOS



135 CELTIC BLVD.
SUITE A
TYRONE, GA 30290

WWW.MASSMANSTUDIOS.COM

OWNER:
SHEPHERD OF THE HILLS
LUTHERAN CHURCH
PASTOR DAVID PANITZKE

PROJECT:
CHURCH ADDITION
10231 SHERRILL BLVD
KNOXVILLE, TN 37932

SHEET CONTENTS:
EXTERIOR
RENDERINGS

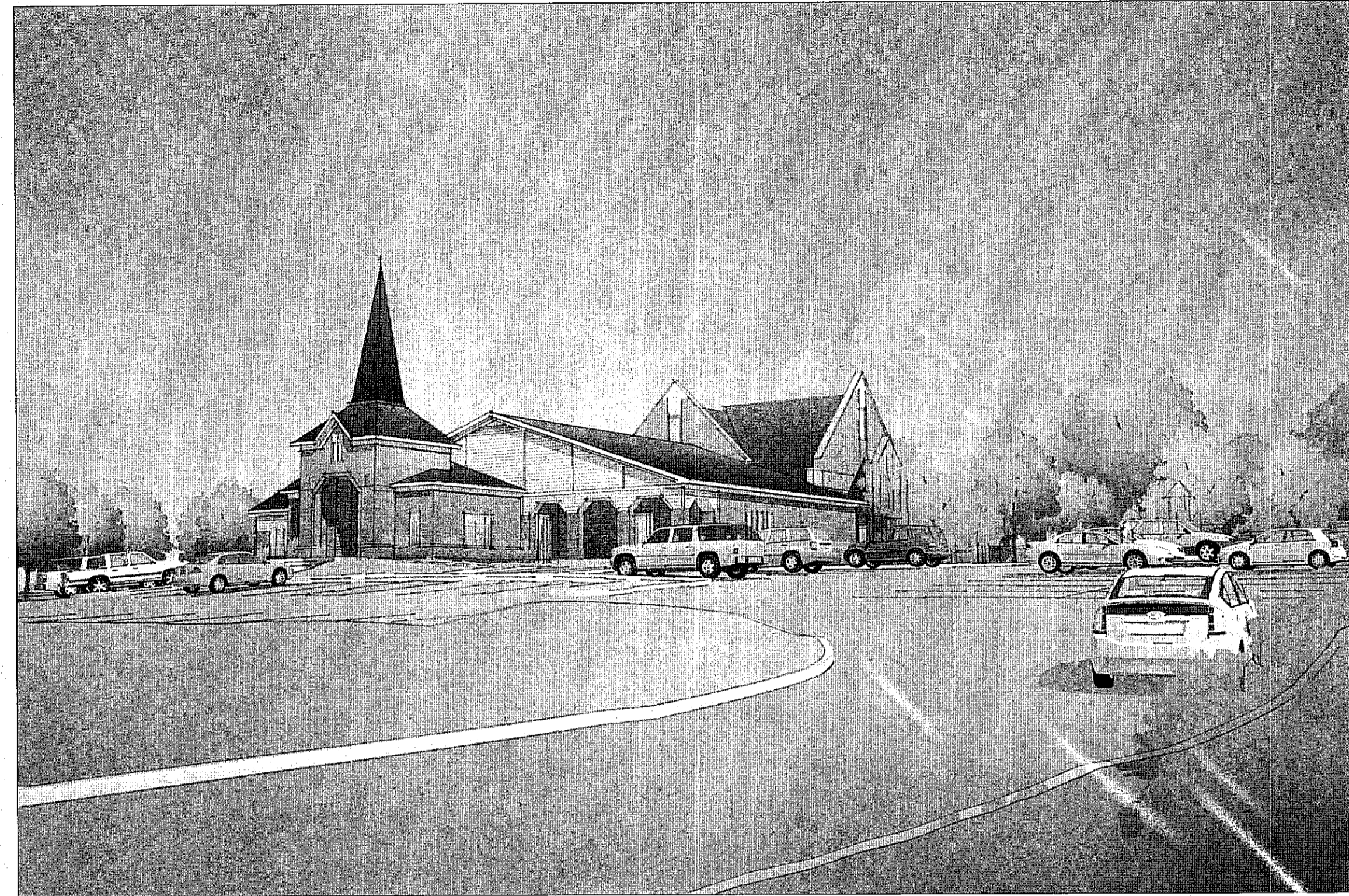
SHL_PLAN

DWN: 10-2-12
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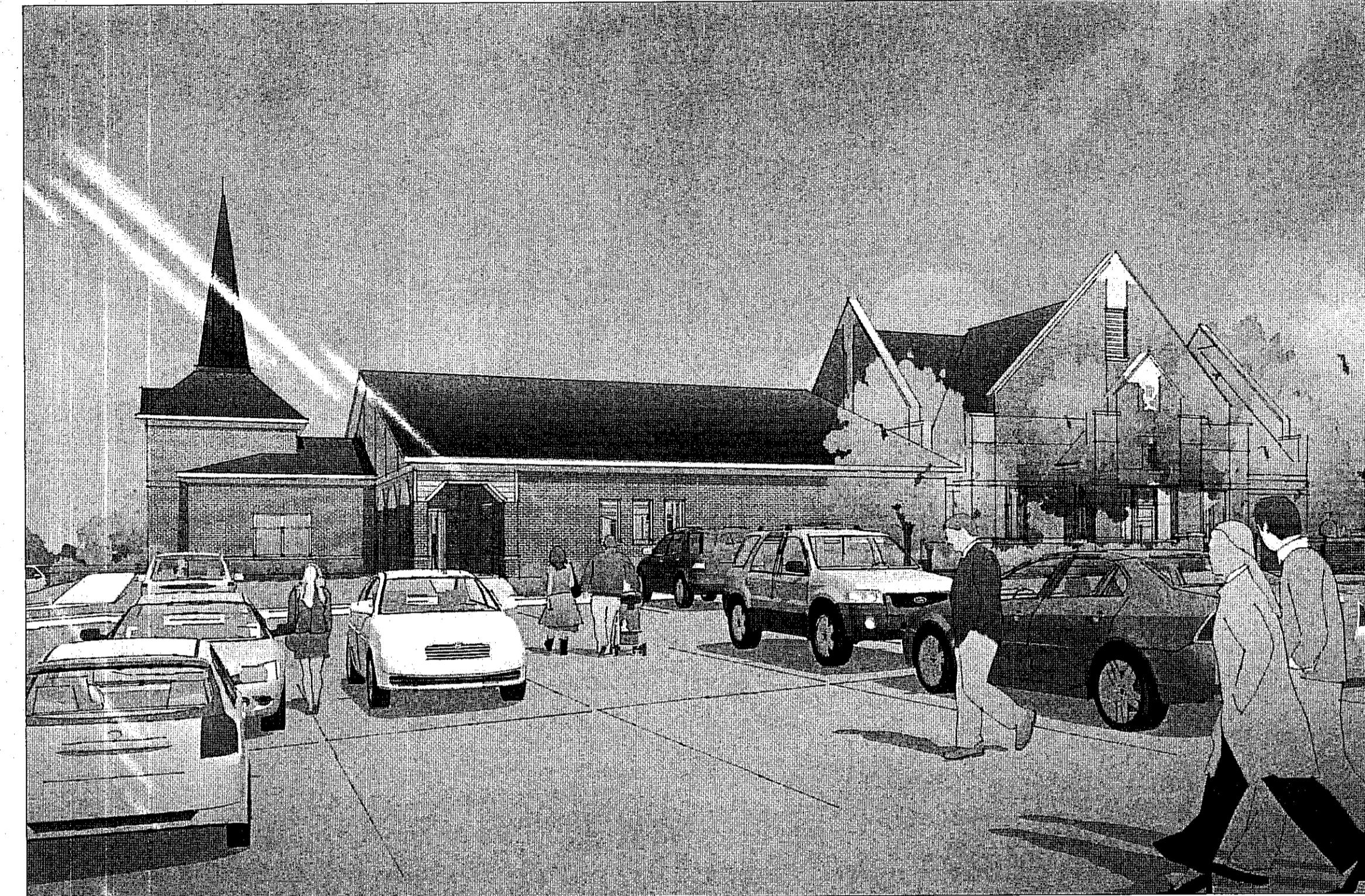
1-A-13-UK
REVISED
12-31-12

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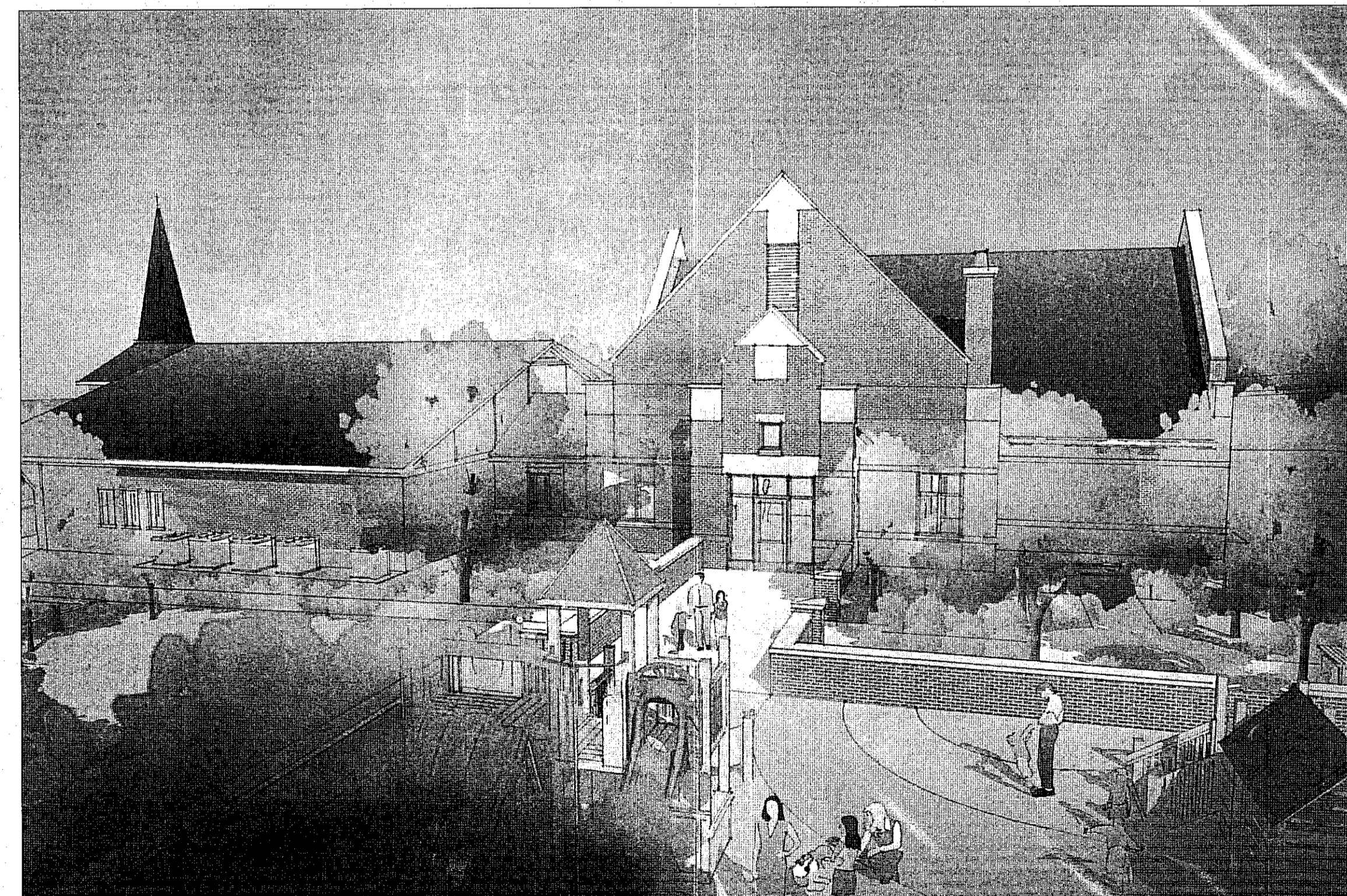
EXTERIOR RENDERINGS



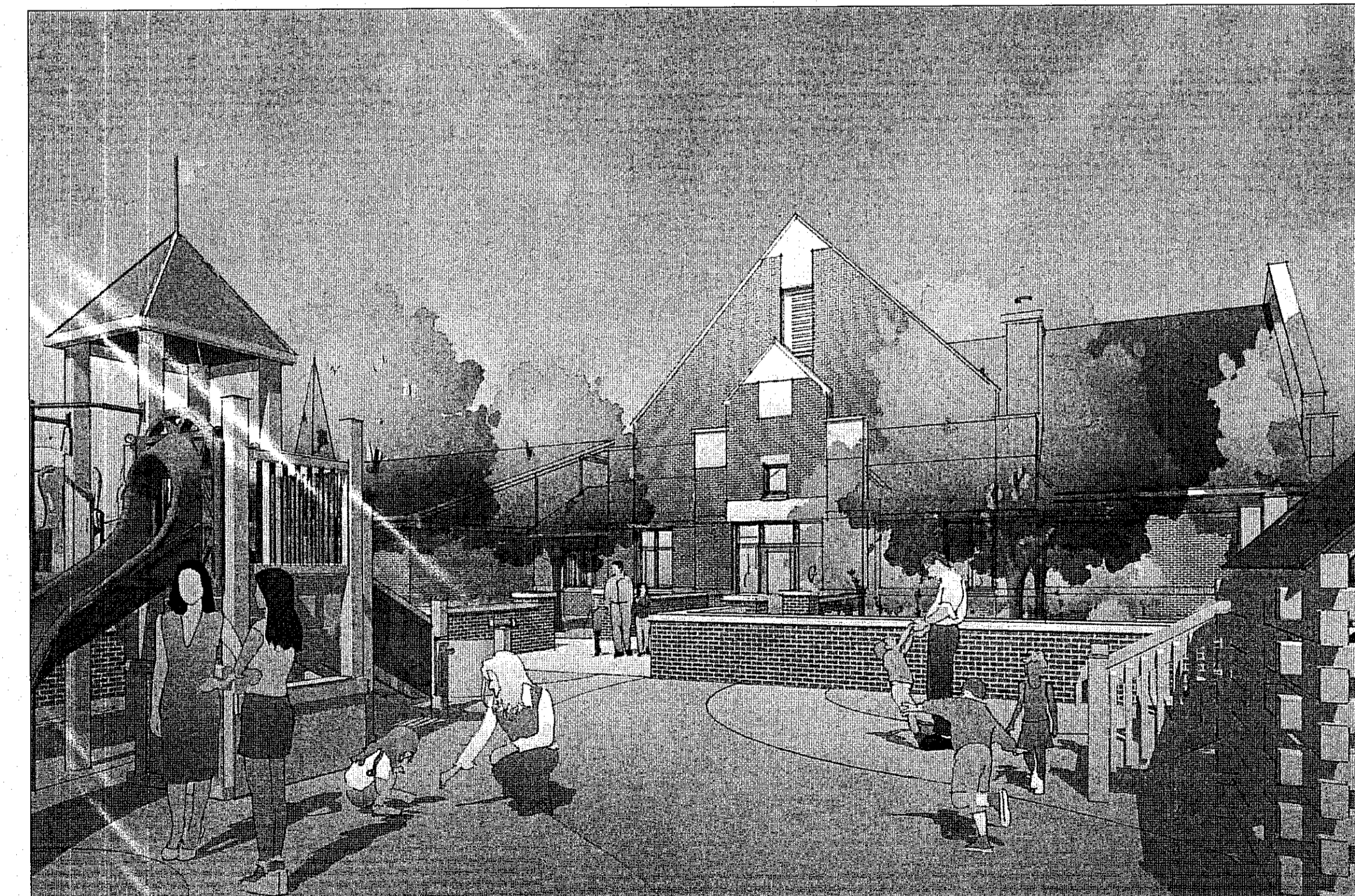
SITE APPROACH VIEW (LOOKING NORTH)



BUILDING APPROACH VIEW (LOOKING NORTHWEST)



PLAYGROUND VIEW (LOOKING NORTHWEST)



PLAYGROUND VIEW (LOOKING NORTHWEST)

M A S S M A N N
S T U D I O S

135 CELTIC BLVD.
SUITE A
TYRONE, GA 30290

WWW.MASSMANSTUDIOS.COM

OWNER:
SHEPHERD OF THE HILLS
LUTHERAN CHURCH
PASTOR DAVID PANITZKE

PROJECT:
CHURCH ADDITION
10231 SHERRILL BLVD
KNOXVILLE, TN 37932

SHEET CONTENTS:
EXTERIOR
RENDERINGS

SHL_PLAN

DWN	10-2-12				
REV.					
REV.					
REV.					
REV.					

1-A-13-UK
REVISED
12-31-12

B