

- LEGEND**
- SET NO. 5 REBAR & CAP  
P.L.S. NO. 16828
  - × SPOT ELEVATION
  - FENCE LINE
  - LIGHT POLE
  - EM ELECTRIC METER
  - GM GAS METER
  - OHW — OVERHEAD WIRES
  - ⊙ SANITARY SEWER MANHOLE
  - ⊙ STORM SEWER MANHOLE
  - ☀ CONIFEROUS TREE/DIAMETER
  - ☀ DECIDUOUS TREE/DIAMETER
  - UTILITY POLL
  - WV WATER VALVE
  - FIRE HYDRANT
  - CONCRETE
  - ASPHALT
  - SPILL CURB AND GUTTER
  - CATCH CURB AND GUTTER
  - EDGE OF ASPHALT
  - LIGHTING SA-2
  - LIGHTING SA-1
  - DESIGNATED CROSSWALKS
  - CURB RAMP (S3.1)
  - (S3.1) DENOTES CITY OF AURORA STD DETAIL I.D. NUMBER

- NOTE:**
- A) TRACT 9, TRACT 10 PARCEL A, TRACT 10 PARCEL B ARE A VACATION OF PART OF ALTURA FARMS.
  - B) ARCHITECTURAL FEATURES (I.E. BAY WINDOWS, FIREPLACES, ROOF OVERHANG, FOUNDATIONS, FOOTINGS, CANTILEVERED WALLS, ETC...) ARE NOT ALLOWED TO ENCROACH INTO ANY EASEMENT OR FIRE LANE.
  - C) THE CURB AND GUTTER BETWEEN THE ARROWS SHOULD BE DEPRESSED DOWN TO GUTTER LEVEL TO ALLOW WHEELCHAIR ACCESS TO THE SIDEWALK. RAMP THE SIDEWALK AND CURB DOWN TO GUTTER LEVEL IN THE AREAS SHOWN WITH ARROWS.

**LAND-USE DATA TABLE**

CATEGORY	AREA(oc)	PERCENT
BUILDINGS -EXISTING	0.12	2.6%
-PROPOSED	0.44	9.4%
DRIVEWAYS, PARKING & SIDEWALKS	1.90	40.7%
LANDSCAPED AREAS	2.21	47.3%
TOTAL SITE	4.67	100.0%

APPROVED FOR ONE YEAR FROM THIS DATE

CITY ENGINEER	DATE
DIRECTOR OF UTILITIES	DATE

**SITE PLAN**

Project Number: 21557  
Sheet Number: \_\_\_\_\_  
Drawn By: STN  
Issue Date: 05/18/05

- GENERAL NOTES:**
1. CITY OF AURORA PLAN REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH CITY OF AURORA DESIGN CRITERIA AND THE CITY CODE. THE CITY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS AND ELEVATIONS, WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. THE CITY OF AURORA, THROUGH THE APPROVAL OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.
  2. ALL ROADWAY CONSTRUCTION SHALL CONFORM TO CITY OF AURORA "ROADWAY DESIGN AND CONSTRUCTION SPECIFICATIONS", LATEST VERSION.
  3. ALL WATER DISTRIBUTION, SANITARY SEWER AND STORM DRAINAGE CONSTRUCTION SHALL CONFORM TO CITY OF AURORA "PUBLIC UTILITY IMPROVEMENT RULES AND REGULATIONS REGARDING STANDARDS AND SPECIFICATIONS", LATEST VERSION.
  4. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE CITY. THE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO THE CITY STANDARDS AND SPECIFICATIONS. THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC IMPROVEMENT INSPECTIONS DIVISION, 303-739-7350, 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.
  5. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION. FOR INFORMATION, CONTACT UTILITY NOTIFICATION CENTER OF COLORADO, 1-800-922-1987.
  7. THE CONTRACTOR SHALL HAVE ONE SIGNED COPY OF PLANS (APPROVED BY THE CITY OF AURORA), ONE COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS, AND A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED AT THE JOB SITE AT ALL TIMES.
  8. IT IS THE CONSULTANT'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ON-SITE AND OFF-SITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NEEDED DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS EITHER ON-SITE OR OFF-SITE THAT ARISE IN THE FIELD WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY. THE COST TO RECTIFY ANY ADVERSE SITUATION TO MEET THE CITY STANDARDS AND SPECIFICATIONS AND THE CITY CODE SHALL BE BORNE SOLELY BY THE DEVELOPER.
  9. THE OWNER/DEVELOPER MUST OBTAIN THE WRITTEN PERMISSION OF THE ADJACENT PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE GRADING OR CONSTRUCTION.
  10. CONCRETE SHALL NOT BE PLACED UNTIL THE FORMS HAVE BEEN INSPECTED AND A POUR SLIP ISSUED. POUR SLIPS WILL NOT BE ISSUED UNLESS THE CONTRACTOR HAS, AT THE JOB SITE, A COPY OF THE APPROVED PLANS BEARING THE SIGNATURE OF THE CITY ENGINEER AND WITH THE "APPROVED FOR CURB AND GUTTER ONLY" BLOCK INITIALED BY THE CITY ENGINEER'S REPRESENTATIVE.
  11. PAVING SHALL NOT START UNTIL A SOIL REPORT AND PAVEMENT DESIGN IS APPROVED BY THE CITY ENGINEER AND SUBGRADE COMPACTION TESTS ARE TAKEN AND APPROVED BY THE CITY ENGINEER.
  12. STANDARD CITY OF AURORA CURB RAMP ARE TO BE CONSTRUCTED AT ALL CURB RETURNS, AT ALL "T" INTERSECTIONS AND AT ALL CURBSIDE KIOSKS OR CLUSTERS.
  13. ALL STATIONING IS BASED ON CENTERLINE OF ROADWAYS, UNLESS OTHERWISE NOTED. ALL ELEVATIONS ARE FLOWLINE, UNLESS OTHERWISE NOTED.
  14. THE CITY OF AURORA SHALL NOT BE RESPONSIBLE FOR THE MAINTENANCE OF SURFACE IMPROVEMENTS WITHIN THE SITE BOUNDARIES OF THE GISHEN MARYAM ETHIOPIAN ORTHODOX CHURCH. THESE FACILITIES MAY NOT MEET CITY STANDARDS AND ARE TO REMAIN IN PRIVATE MAINTENANCE IN PERPETUITY.
  15. THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR CONTACTING CDOT TO ENSURE THAT ALL WORK ON OR ADJACENT TO STATE HIGHWAYS OR CDOT R.O.W. MEETS CDOT REQUIREMENTS.
  16. STREETLIGHT INSTALLATION COST IS FUNDED BY THE OWNER/DEVELOPER. COORDINATE STREETLIGHT LOCATIONS AND INSTALLATION WITH THE PUBLIC WORKS DEPARTMENT AT 303-739-7300.

Project Team:

Structural Engineer: Sam McGlomey  
McGlomey Structural Group  
1716 Boulder Street  
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Civil Engineer: Larry Owen, P.E.  
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Phone: (970) 226-0264

Landscape Architect: Norris Dulles  
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Denver, CO 80204  
Phone: 303.892.1166  
Fax: 303.892.1186

General Contractor: Newcastle Construction  
5801 Logan St., #200  
Denver, CO 80216  
Phone: (303) 383-1919  
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Professional Seal:

GISHEN MARYAM  
ETHIOPIAN ORTHODOX CHURCH

AURORA, CO

16250 EAST COLFAX

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No. Revision Description Date  
FINAL SDP SUBMITTAL 05.10.06  
(AS BUILT)

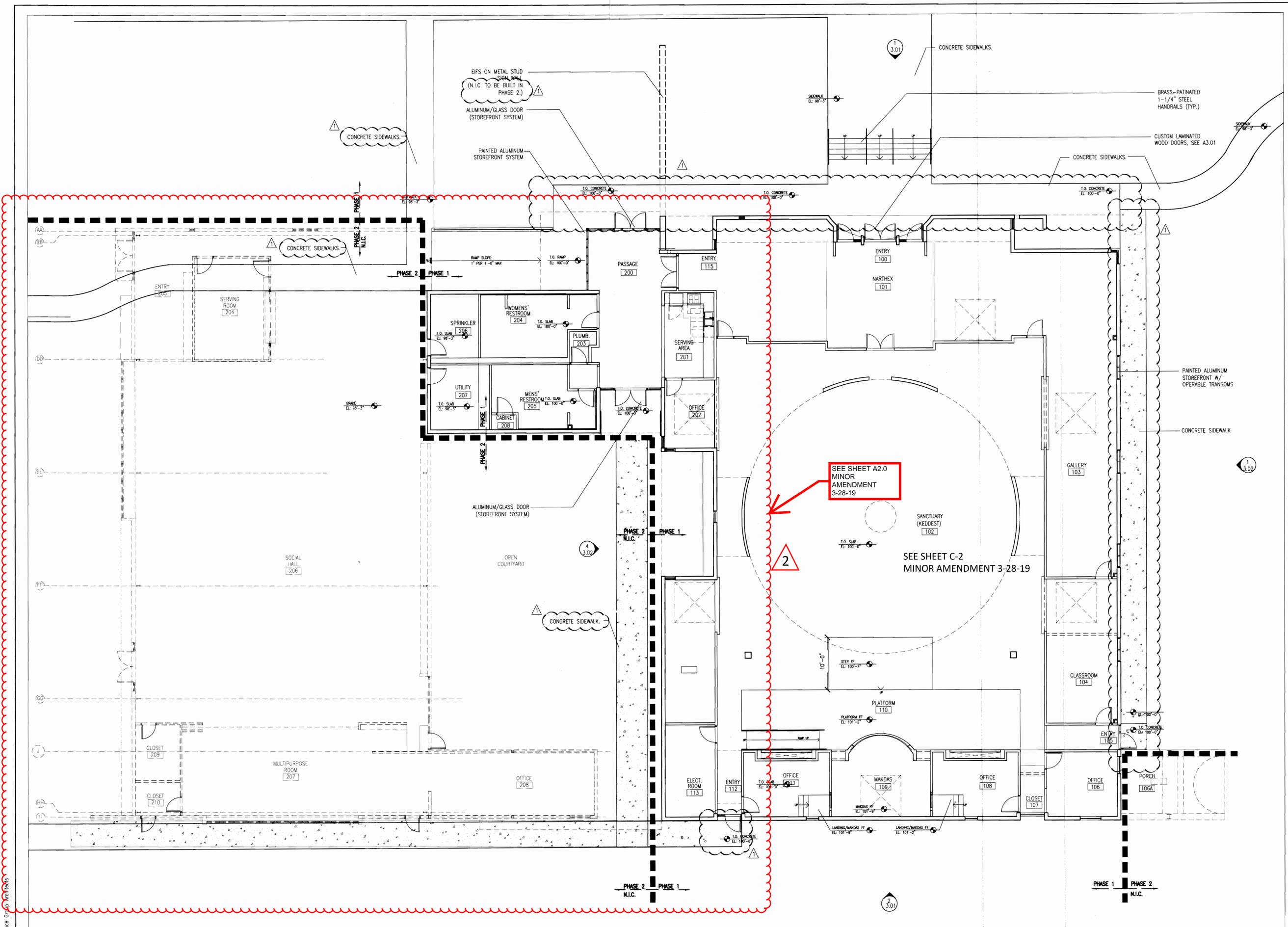
Sheet Title:

First Floor Plan

Project Number: 21357 Sheet Number:

Drawn By: Kp Issue Date: 05.18.06

A2.01



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

© 2004 Lawrence Group Architects

Project Team:  
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Professional Seal:

**GISHEN MARYAM  
ETHIOPIAN ORTHODOX CHURCH**  
AURORA, CO  
16250 EAST COLFAX

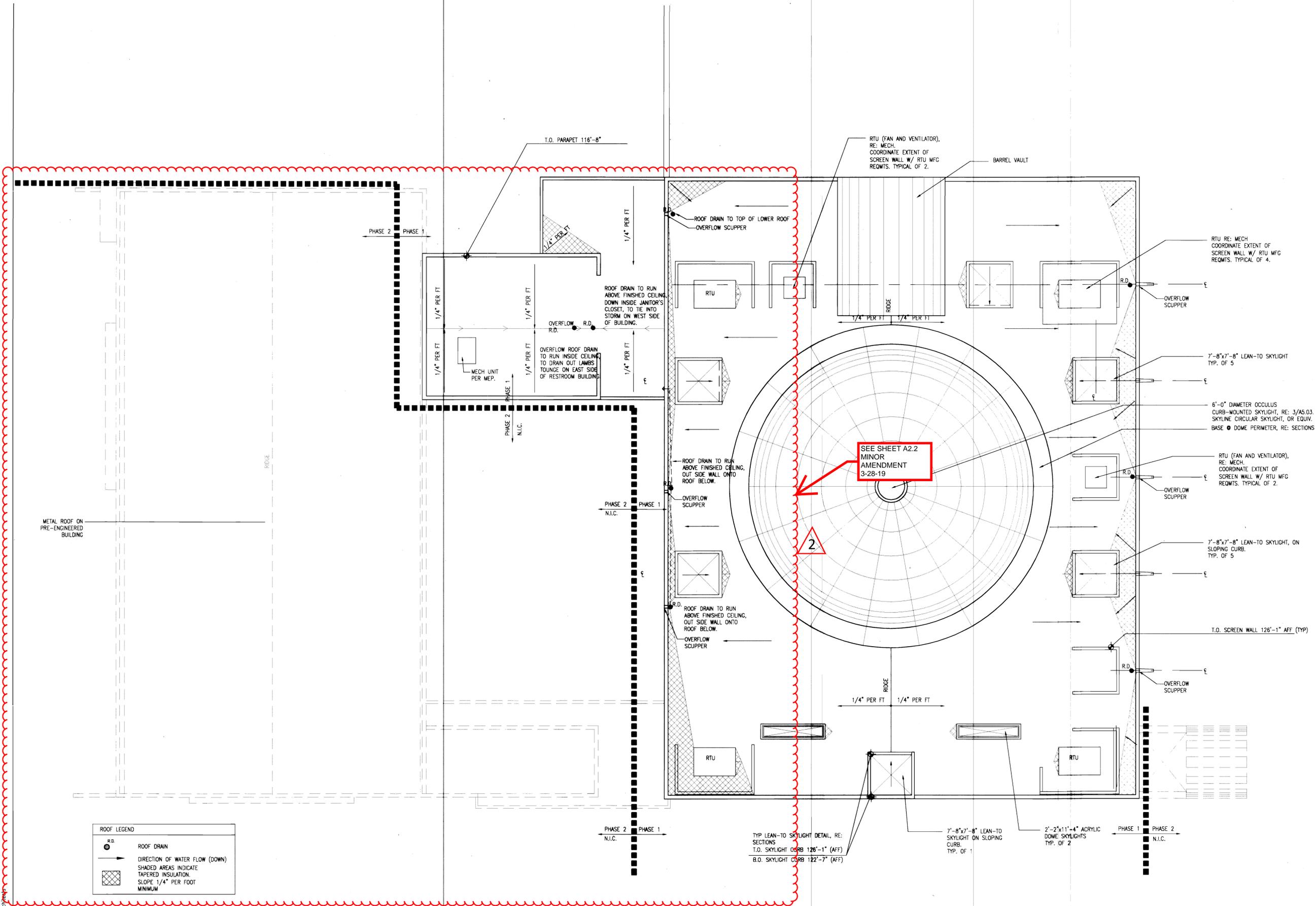
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No.	Revision Description	Date

Sheet File:

**Roof Plan**

Project Number: 21357  
Sheet Number:  
Drawn By: kp  
Issue Date: 05.18.05  
**A2.02**



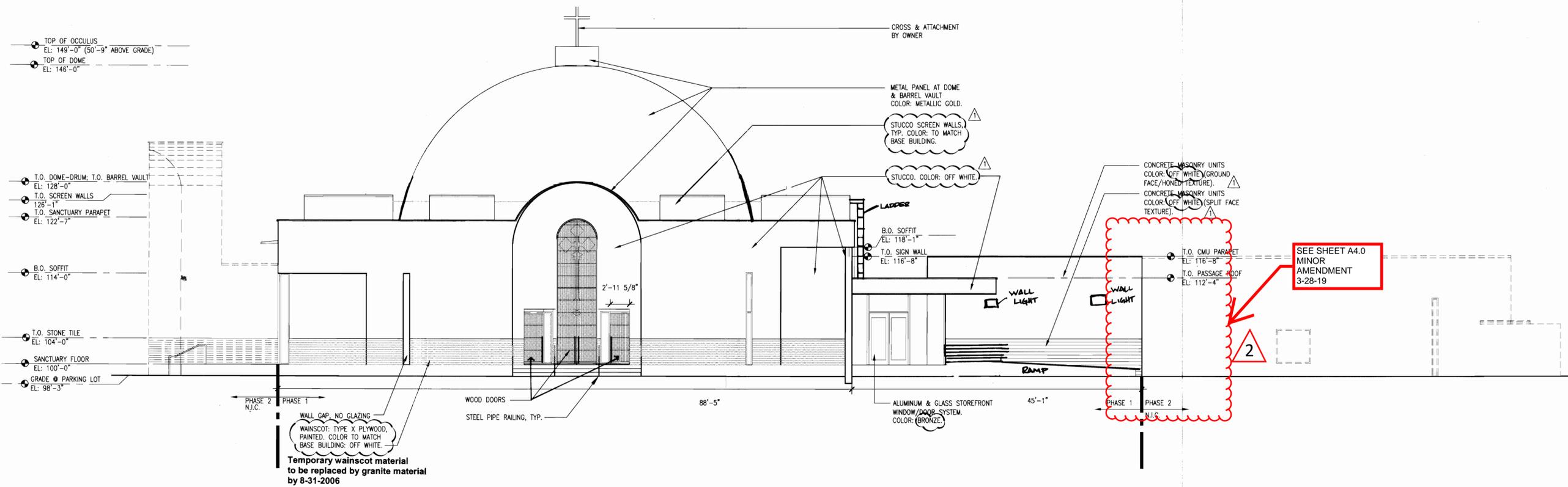
**ROOF LEGEND**

- R.D. ROOF DRAIN
- DIRECTION OF WATER FLOW (DOWN)
- SHADED AREAS INDICATE TAPERED INSULATION. SLOPE 1/4" PER FOOT MINIMUM

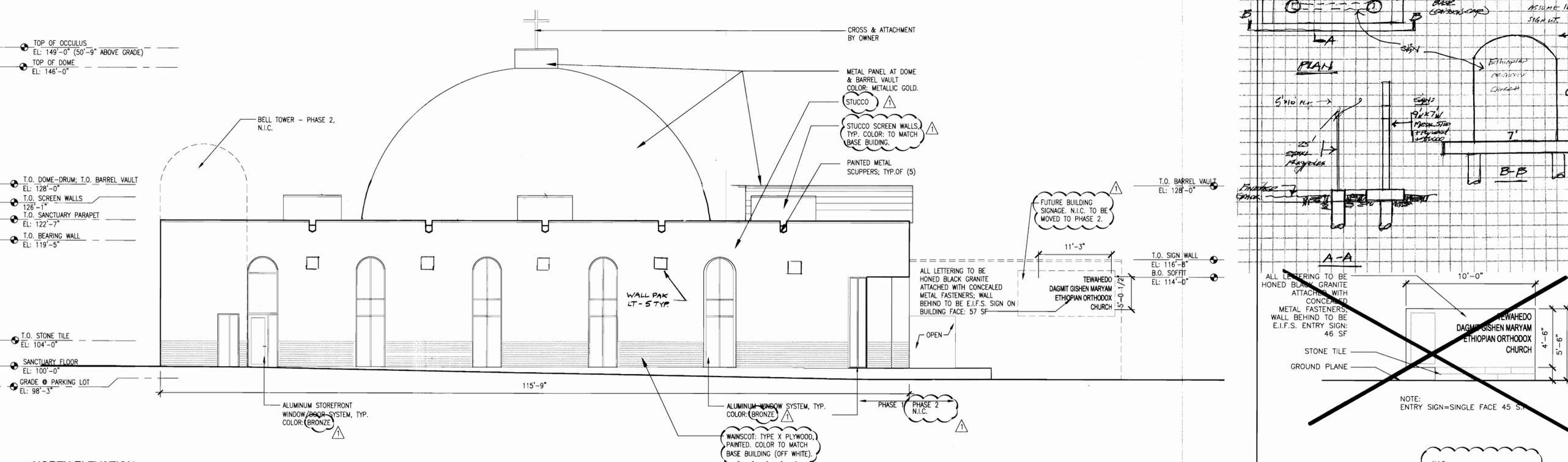
**1**  
A2.01  
**ROOF PLAN**  
SCALE: 1/8" = 1' - 0"

Project Team:  
 Structural Engineer: Sam McGlormery  
 McGlormery Structural Group  
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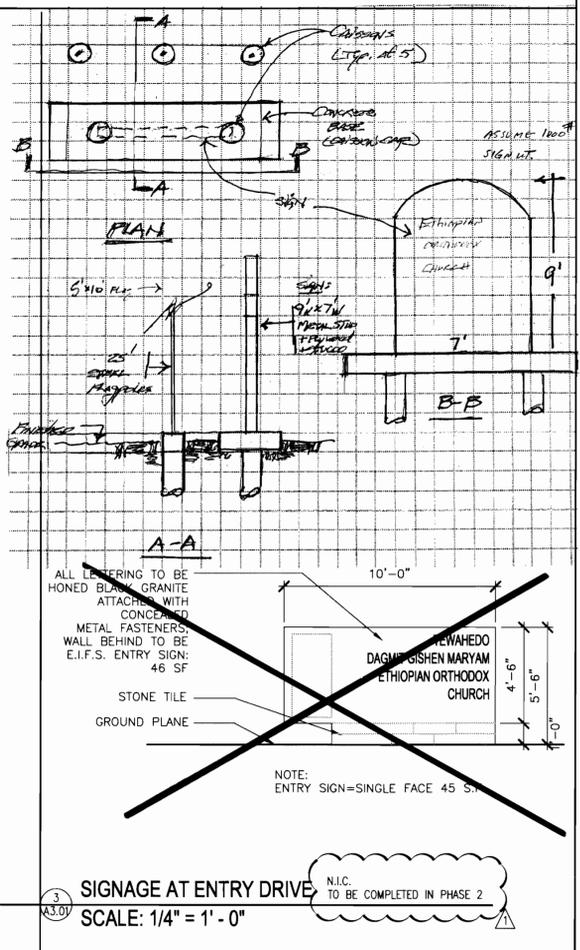
Professional Seal:



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



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



**SIGNAGE AT ENTRY DRIVE**  
 SCALE: 1/4" = 1' - 0"

**GISHEN MARYAM ETHIOPIAN ORTHODOX CHURCH**  
 AURORA, CO  
 16250 EAST COLFAX

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No.            Revision Description Date  
 FINAL SDP SUBMITTAL 05.10.06  
 (AS BUILT)

Sheet Title:  
**Elevations**

Project Number: 21357  
 Drawn By: kp  
 Issue Date: 05.18.05  
 Sheet Number: **A3.01**

GISHEN MARYAM ETHIOPIAN ORTHODOX CHURCH

AURORA, CO

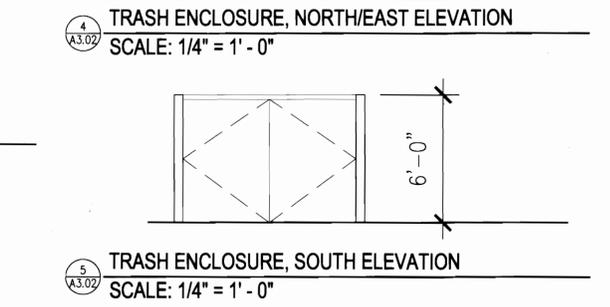
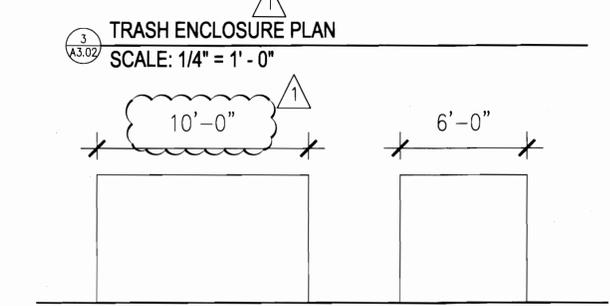
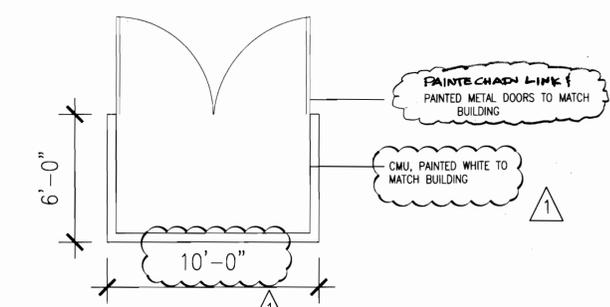
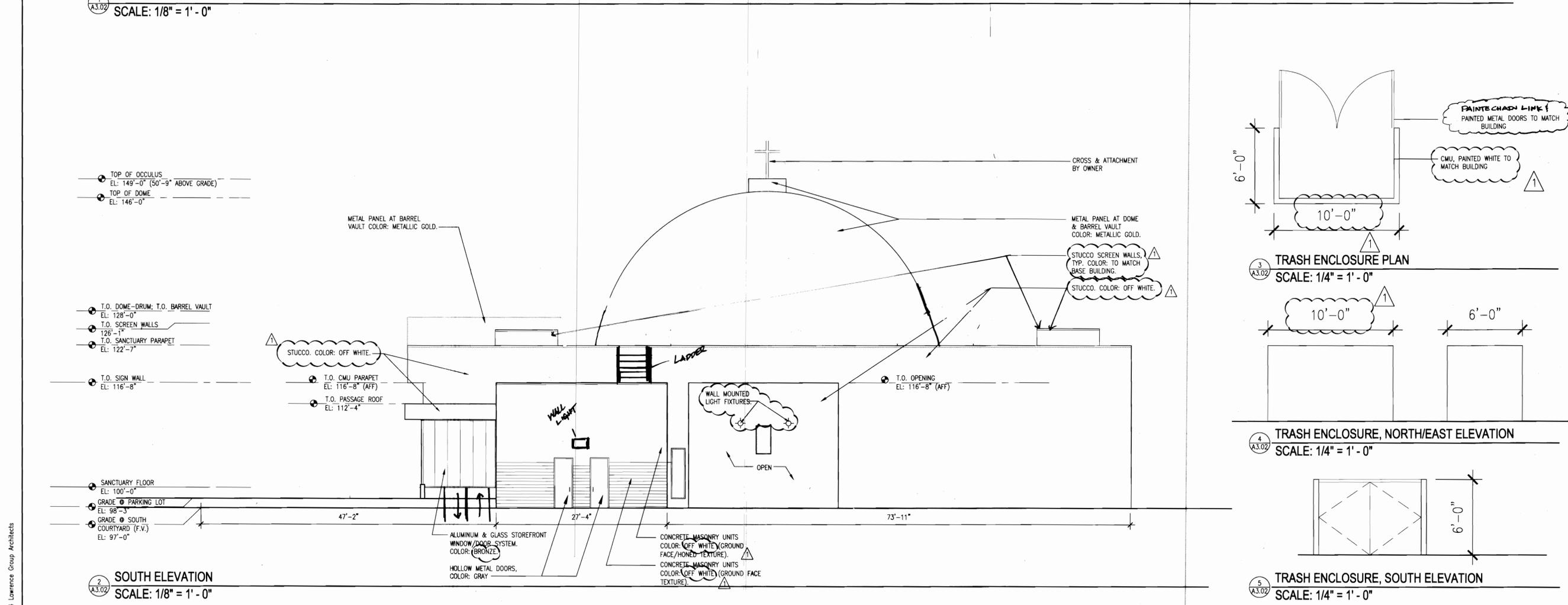
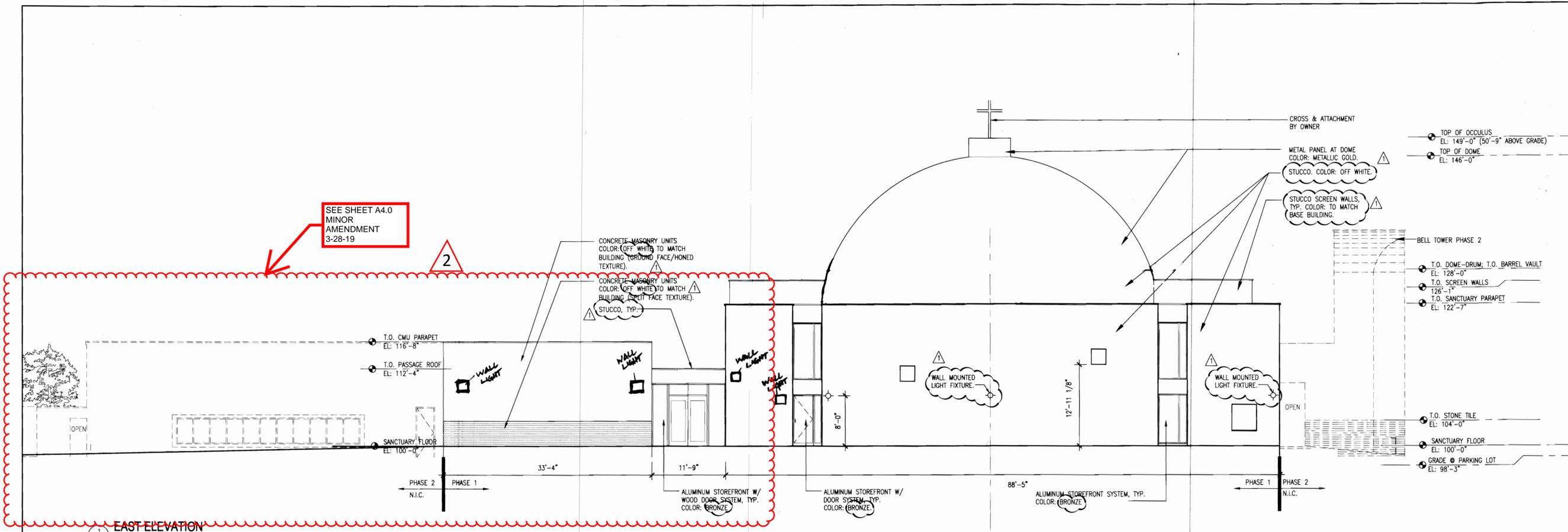
16260 EAST COLFAX

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No.	Revision Description	Date
3	FINAL SDP SUBMITTAL (AS BUILT)	03.24.09

Sheet Title:

Elevations



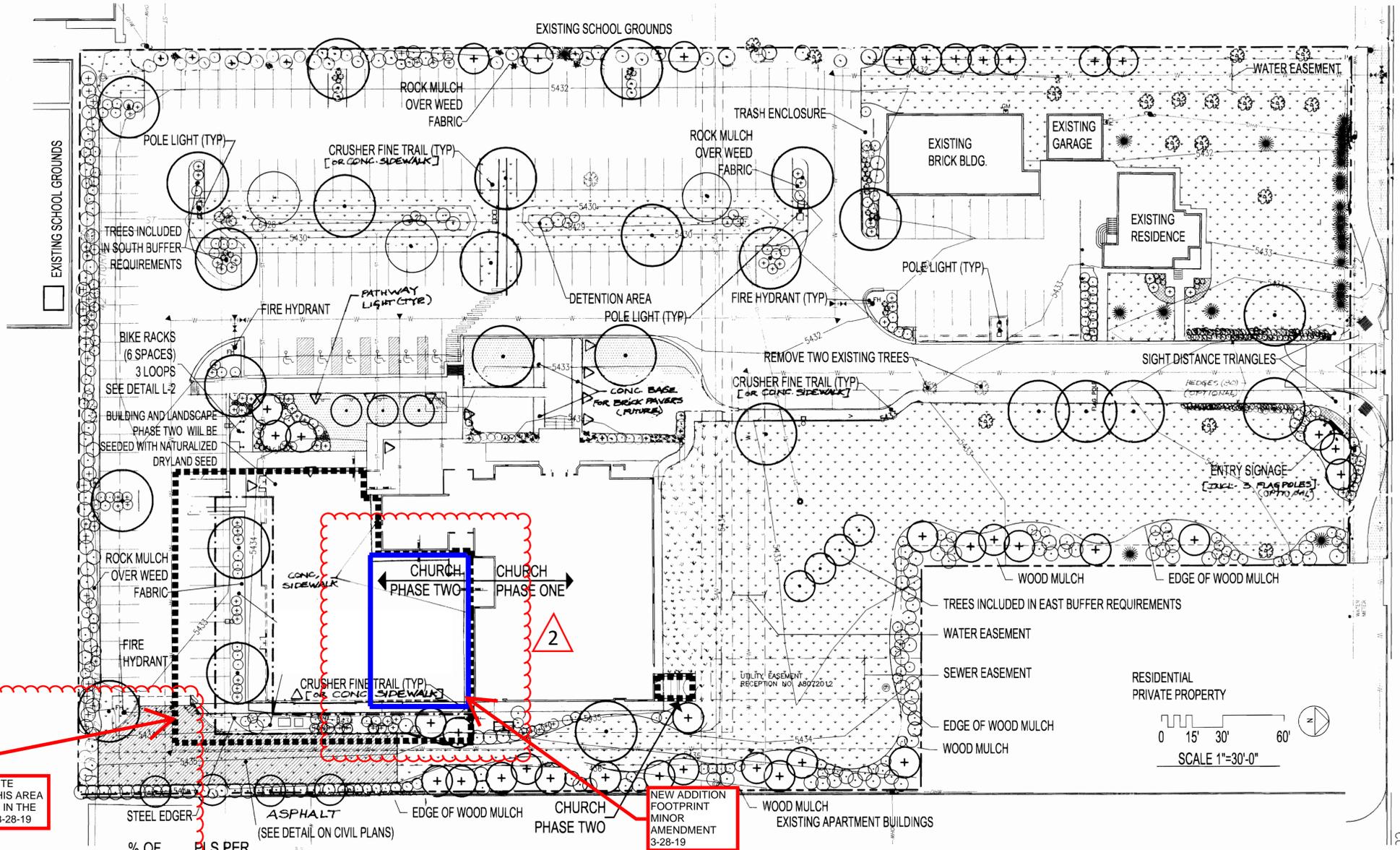
**30 SCALE LANDSCAPE LEGEND**

- DECIDUOUS TREE
- EVERGREEN TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUBS
- EVERGREEN SHRUBS
- ORNAMENTAL GRASSES
- EXISTING EVERGREEN TREE TO REMAIN
- EXISTING DECIDUOUS TREE TO REMAIN
- EXISTING DECIDUOUS TREE TO BE MOVED OR REPLACED

**GRASS LEGEND**

- IRRIGATED TURF AREAS
- TALL FESCUE AND BLUEGRASS (90/10 BLEND)
- IRRIGATED NATURALIZED DRYLAND SEED AREAS
- DRILLED SEED

2 LANDSCAPING AND SITE IMPROVEMENTS IN THIS AREA ARE TO BE INCLUDED IN THE MINOR AMENDMENT 3-28-19



COLFAX AVENUE

**GISHEN MARYAM**  
**ETHIOPIAN ORTHODOX CHURCH**  
 16250 EAST COLFAX  
 AURORA, CO

COMMON NAME	SCIENTIFIC NAME	% OF TOTAL	PLS PER ACRE
WESTERN WHEATGRASS	AGROPYRON SMITHII	28%	6.2 LBS.
BIG BLUESTEM	ANDROPOGON GRARDII	28%	6.2 LBS.
SIDE OATS GRAMA	BOUPELOUA CURTIPENDULA	10%	2.2 LBS.
BLUE GRAMA	BOUPELOUA GRACILIS	6%	1.2 LBS.
SWITCHGRASS	PANICUM VIRGATUM	10%	2.2 LBS.
INDIANGRASS	SORGHASTRUM NUTANS	10%	2.2 LBS.
LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUS	8%	1.8 LBS.
TOTAL		100%	22.0 LBS.

**BUILDING PHASES 1 & 2 PERIMETER LANDSCAPE REQUIREMENTS**

BUILDING ELEVATION TOTAL LENGTH	TOTAL PERIMETER PLANTINGS = 2 x (L+W)/5 X 1.25	5% TREES	15% TALL SHRUBS/ SMALL TREES	80% TALL SHRUBS
702'	176 REQUIRED	9 REQUIRED	26 REQUIRED	141 REQUIRED
	176 PROVIDED	9 PROVIDED	26 PROVIDED	* 141 PROVIDED

\* INCLUDES ORNAMENTAL GRASSES

**BUFFER LANDSCAPE REQUIREMENTS**

Buffer Description/ Length/Adj. Land	St. Buffer Width/ Provided Buffer Width	L/S REQUIREMENTS	# Trees Required	# Shrubs Required	# Trees Provided	# Shrubs Provided	TREE SIZE UPGRADES
NORTH BUFFER FRONTAGE 254'	10'/10'	STREET TREES 40' O.C.	4	N.A.	50	N.A.	
SOUTH BUFFER FRONTAGE 363'	10'/10'	1 TREE AND 5 SHRUBS/40 LINEAR FEET	9	45	15	85	
EAST BUFFER FRONTAGE 735'	25'/25'	1 TREE AND 5 SHRUBS/25 LINEAR FEET	29	147	29	147	SHADE TREES 3.5" ORNAMENTAL TREES 2.5" EVERGREEN TREES 10' HT.
WEST BUFFER FRONTAGE 623'	10'/10'	1 TREE AND 5 SHRUBS/40 LINEAR FEET	16	78	16	78	

- 5 17 EXISTING PINYON PINES ARE WITHIN THE 10' BUFFER
- 1 40 SHRUBS SUBSTITUTED FOR 4 TREES DUE TO TREES NOT ALLOWED TO BE PLANTED IN EXISTING EASEMENT
- 2 26 NEW TREE PLANTINGS AND 3 EXISTING TREES WITHIN 25' BUFFER
- 3 12 NEW TREE PLANTINGS AND 4 EXISTING TREES WITHIN 10' BUFFER



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No.	Revision	Description	Date

Sheet Title: **Landscape Plan**  
 Project Number: 21357  
 Drawn By: \_\_\_\_\_  
 Issue Date: 05.18.05  
 Sheet Number: \_\_\_\_\_  
**L-1**

**PLANTING SCHEDULE**

WATER REQ.	SYM.	SYM.	COMMON NAME	BOTANICAL NAME	SIZE & COND.
<b>DECIDUOUS CANOPY TREES</b>					
LOW	BO	BO	BURR OAK	QUERCUS MACROCARPA	2 1/2" CAL., B&B, SPECIMEN
LOW	HB	HB	WESTERN HACKBERRY	CELTIS OCCIDENTALIS	2 1/2" CAL., B&B, SPECIMEN
HIGH	LAN	LAN	LANCELEAF COTTONWOOD	POPULUS X ACUMINATA	2 1/2" CAL., B&B, SPECIMEN
LOW	MAR	MAR	MARSHALL'S SEEDLESS ASH	FRAX. PENN. 'MARSHALL'S SEEDLESS'	2 1/2" CAL., B&B, SPECIMEN
LOW	PA	PA	PATMORE ASH	FRAXINUS PENNSYLVANIA 'PATMORE'	2 1/2" CAL., B&B, SPECIMEN
MOD.	WC	WC	WESTERN CATALPA	CATALPA SPECIOSA	2 1/2" CAL., B&B, SPECIMEN
<b>EVERGREEN TREES</b>					
MOD.	CS	CS	COLORADO SPRUCE	PICEA PUNGENS	6' HT. MIN., B&B, SPECIMEN
LOW	PP	PP	PONDEROSA PINE	PINUS PONDEROSA	6' HT. MIN., B&B, SPECIMEN
LOW	PE	PE	PINON PINE	PINUS EDULIS	6' HT. MIN., B&B, SPECIMEN
<b>DECIDUOUS ORNAMENTAL TREES</b>					
MOD.	AM	AM	AMUR MAPLE	ACER GINNALA	2" CAL., B&B, SPECIMEN
MOD.	GRT	GRT	GOLDEN RAIN TREE	KOELREUTERIA PANICULATA	2" CAL., B&B, SPECIMEN
MOD.	TCH	TCH	THORNLESS COCKSPUR HAWTHORN	CRATAEGUS CRUS-GALLI 'INERMIS'	2" CAL., B&B, SPECIMEN
<b>MED. EVERGREEN SHRUBS</b>					
MOD.	DOG	DOG	DWARF OREGON GRAPE HOLLY	MAHONIA AQUIFOLIUM COMPACTA	5 GAL. 1 GA. 24" O.C.
LOW	BCJ	BCJ	BLUE CHIP JUNIPER	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	5 GAL. 24" SPREAD MIN.
LOW	HJ	HJ	HUGHES JUNIPER	JUNIPERUS SABINA 'HUGHES'	5 GAL. 36" SPREAD MIN.
LOW	BJ	BJ	BUFFALO JUNIPER	JUNIPERUS SABINA 'BUFFALO'	5 GAL. 24" SPREAD MIN.
<b>LARGE EVERGREEN SHRUBS</b>					
LOW	SG	SG	SEA GREEN JUNIPER	JUNIPERUS CHINENSIS 'SEA GREEN'	5 GAL. 24" SPREAD MIN.
LOW	MP	MP	MUGO PINE	PINUS MUGO MUGUS	5 GAL. 24" HT. MIN.
LOW	TJ	TJ	TAM JUNIPER	JUNIPERUS SABINA 'TAMARISCIFOLIA'	5 GAL. 36" SPREAD MIN.
<b>MEDIUM DECIDUOUS SHRUBS</b>					
MOD.	CAC	CAC	COMPACT AMER. CRANBERRY	VIBURNUM TRILOBUM 'COMPACTUM'	5 GAL. 30" HT. MIN.
LOW	POT	POT	NATIVE POTENTILLA	POTENTILLA FRUTICOSA	5 GAL. 30" HT. MIN.
MOD.	BMS	BMS	BLUE MIST SPIREA	CARYOPTERIS X CLANDONENSIS	5 GAL. 18" HT. MIN.
HIGH	BSW	BSW	BLUE STEM WILLOW	SALIX IRRORATA	5 GAL. 24" HT. MIN.
LOW	RB	RB	RUSSET BUFFALOBERRY	SHEPHERDIA CANADENSIS	5 GAL. 24" HT. MIN.
LOW	NC	NC	NATIVE CHOKECHERRY	PRUNUS VIRGINIANA MELANOCARPA	5 GAL. 30" HT. MIN.
LOW	GC	GC	GOLDEN CURRANT	RIBES AUREUM	5 GAL. 30" HT. MIN.
LOW	RSG	RSG	RUSSIAN SAGE	PEROVSKIA ATRIPLICIFOLIA	5 GAL. 30" HT. MIN.
<b>LARGE DECIDUOUS SHRUBS</b>					
LOW	CMM	CMM	CURLLEAF MOUNTAIN MAHOGANY	CERCOCARPUS LEDIFOLIUS	5 GAL. 30" HT. MIN.
LOW	MN	MN	MOUNTAIN NINEBARK	PHYSOCARPUS OPULIFOLIUS 'MOUNTAIN'	5 GAL. 30" HT. MIN.
MOD.	RTD	RTD	RED TWIG DOGWOOD	CORNUS STOLONIFERA 'BAILEY'	5 GAL. 30" HT. MIN.
MOD.	SB	SB	SASKATOON SERVICEBERRY	AMELANCHIER CANADENSIS	5 GAL. 30" HT. MIN.
<b>PERENNIALS</b>					
MOD.	COR	COR	COREOPSIS	COREOPSIS LANCEOLATA	1 GAL. CONT. - 12" O.C.
MOD.	CVM	CVM	COREOPSIS	COREOPSIS VERTICILLATA 'MOONBEAM'	1 GAL. CONT. - 12" O.C.
MOD.	DL	DL	STELLA D' ORO DAYLILLY	HEMEROCALLIS	1 GAL. CONT. - 12" O.C.
MOD.	GF	GF	GAY FEATHER	LIATRIS PYCNOSTACHYA	1 GAL. CONT. - 12" O.C.
<b>ORNAMENTAL GRASSES</b>					
MOD.	BB	BB	BIG BLUESTEM	ANDROPOGON GERARDII GRASS	1 GAL. 20" HT. MIN.
HIGH	FRG	FRG	FEATHER REED GRASS	CALAMAGROSTIS ACUTIFLORA	1 GAL. 18" HT. MIN.
MOD.	FG	FG	FOUNTAIN GRASS	'KARL FOERSTER' GRASS	1 GAL. 18" HT. MIN.
MOD.	MG	MG	DWARF MAIDEN GRASS	PENNISETUM ALOPECUROIDES 'HAMELIN'	1 GAL. 20" HT. MIN.
MOD.				MISCANTHUS SINENSIS 'JAKU JIMA'	1 GAL. 20" HT. MIN.

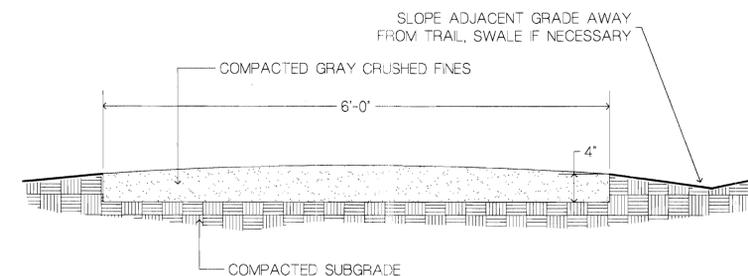
WESTERN HACKBERRY  
LANCELEAF COTTONWOOD  
~~MARSHALL'S SEEDLESS ASH~~  
~~PATMORE ASH~~  
WESTERN CATALPA

NO ASH TREES  
WILL PLANTED  
MINOR  
AMENDMENT  
3-28-19

**LANDSCAPE NOTES**

- AREAS INDICATED AS FESCUE MIX SOD SHALL BE PREPARED WITH 3CY/1000S.F. COMPOSTED ORGANICS AND 5CY/1000S.F. TRIPLE SUPERPHOSPHATE ROTOTILLED TO A 4-6' DEPTH..
- SITE LIGHTS WILL CONSIST OF 3' BOLLARD LIGHTS ON THE ENTRY DRIVE AND POLE LIGHTS IN PARKING AREA.
- ALL WALKS WILL BE MADE OF CONCRETE, PLAZAS WILL BE A MIXTURE OF CONCRETE TOPPING SLAB AND DECOMPOSED GRANITE CRUSHER FINES, VEHICULAR DRIVES AND PARKING LOTS WILL BE ASPHALT.
- ALL UTILITY EASEMENTS SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THEIR ENTIRE LENGTH FOR MAINTENANCE EQUIPMENT ENTRY.
- THE DEVELOPER, HIS SUCCESSORS AND ASSIGNS, SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF ALL LANDSCAPING MATERIALS SHOWN OR INDICATED ON THE APPROVED SITE PLAN ON FILE IN THE PLANNING DEPARTMENT. ALL LANDSCAPING WILL BE INSTALLED AS DELINEATED ON THE PLAN, PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
- ALL LANDSCAPE AREAS AND PLANT MATERIAL MUST BE WATERED BY AN UNDERGROUND IRRIGATION SYSTEM. ALL CONTROLLERS FOR THESE SYSTEMS SHALL BE CONNECTED TO AUTOMATIC SHUTOFF RAIN SENSORS.
- BICYCLE PARKING INCREASED FROM 5 REQUIRED SPACES TO 6 TOTAL SPACES (3 INVERTED U-TYPE RACKS) IN ORDER TO REDUCE REQUIRED VEHICLE PARKING 3 SPACES.

**CRUSHER FINES PATH**



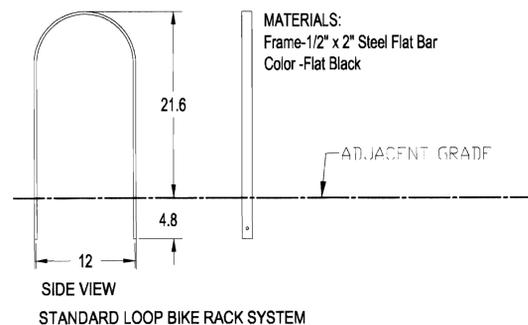
**COMPACTION NOTES:**

- COMPACT WET FOR BEST RESULTS.
- USE A SMALL (4) RIDING ROLLER TO COMPACT TRAIL.
- CROWN TRAIL IN FLAT AREAS (AS SHOWN).
- CROSS-SLOPE TRAIL AT 1-2% WITH GRADE WHERE TOPOGRAPHY DICTATES.

**REVEGETATION NOTES:**

- RE-SEED DISTURBED EDGES OF TRAIL UPON COMPLETION OF TRAIL CONSTRUCTION.
- FOLLOW SEEDING SPECIFICATIONS AS PROVIDED BY LANDSCAPE ARCHITECT.

**BIKE RACK DETAIL**



**NATURALIZED DRYLAND SEEDING**

ALL DISTURBED AREAS WILL BE SEEDED AS SHOWN ON THE PLAN. DRILL SEED .25" TO .5" INTO THE TOPSOIL WHERE POSSIBLE. IN AREAS NOT ACCESSIBLE TO A DRILL HAND BROADCAST AT TRIPLE THE BELOW RATE AND RAKE .25" TO .5" INTO THE TOPSOIL.

**MULCHING APPLICATION:**

1.5 TONS OF CERTIFIED WEED FREE HAY PER ACRE MECHANICALLY CRIMPED INTO THE TOPSOIL IN COMBINATION WITH AN ORGANIC MULCH TAKCIFIER.

**THE LAWRENCE GROUP ARCHITECTS**

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**SCAPE**  
architecture urbanism

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General Contractor: Newcastle Construction  
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Denver, CO 80216  
Phone: (303) 383-1919  
Fax: (303) 383-1995

**Professional Seal:**

**GISHEN MARYAM ETHIOPIAN ORTHODOX CHURCH**  
 16250 EAST COLFAX  
 AURORA, CO

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No.	Revision	Description	Date

Sheet Title: **Landscape Details**  
 Project Number: 21357  
 Drawn By: \_\_\_\_\_  
 Issue Date: 05.18.05  
 Sheet Number: **L-2**

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## TREE MITIGATION/PRESERVATION NOTES

- WHERE POSSIBLE, ALL TREES ON THE SITE WILL BE PRESERVED.
- IN SOME CASES, DUE TO FIRE LANE ACCESS, TREES WILL HAVE TO BE REMOVED OR MOVED TO OTHER LOCATIONS ON THE SITE.
- ALL EXISTING TREES WILL BE INTEGRATED WITH THE IRRIGATION PLAN AND WILL BE SURROUNDED AND COMPLEMENTED BY LIKE OR COMPATIBLE SPECIES.
- THE DEVELOPER, HIS SUCCESSORS AND ASSIGNS, SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE, AND REPLACEMENT OF ALL LANDSCAPING MATERIALS SHOWN OR INDICATED ON THE APPROVED SITE PLAN OR LANDSCAPE PLAN ON FILE IN THE PLANNING DEPARTMENT. ALL LANDSCAPING WILL BE PRESERVED OR MOVED AS DELINEATED ON THE PLAN PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

## TREE MITIGATION/PRESERVATION LEGEND

-  EXISTING DECIDUOUS TREE, PROTECT IN PLACE
-  EXISTING CONIFER TREE, PROTECT IN PLACE
-  TREE TO BE REMOVED  
(3 DEAD DECIDUOUS TREES)  
(2 ALIVE DECIDUOUS TREES)

## TREE MITIGATION SUMMARY

TOTAL TREES TO BE MOVED	0
TOTAL CALIPER INCHES REMOVED (EVERGREEN HEIGHT DIVIDED BY TWO EQUALS CALIPER INCHES)	56
TOTAL CALIPER INCHES ADDED BY L/S PLAN 3 (6' HT.) EVERGREEN TREES 19 (2.5" CAL.) DECIDUOUS TREES (EVERGREEN HEIGHT DIVIDED BY TWO EQUALS CALIPER INCHES)	56

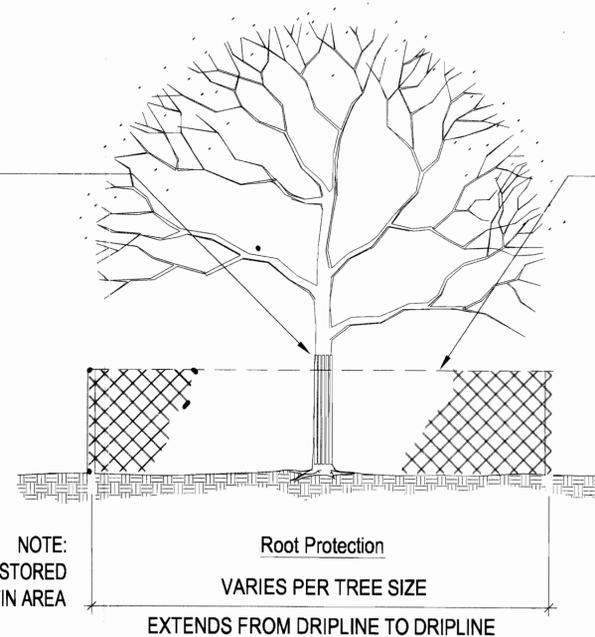
## TREE PROTECTION NOTES

- ALL TREES TO BE PROTECTED AND PRESERVED SHALL BE PER DETAIL. GROUPING OF MORE THAN ONE TREE MAY OCCUR.  
TO PREVENT TREE ROOT SMOTHERING, SOIL STOCKPILES, SUPPLIES, EQUIPMENT OR ANY OTHER MATERIAL SHALL NOT BE PLACED OR STORED WITHIN A TREE DRIP LINE OR WITHIN 15 FEET OF A TREE TRUNK, WHICHEVER IS GREATER.
- TREE ROOTS SHALL NOT BE CUT UNLESS CUTTING IS UNAVOIDABLE.
- TRENCHES SHALL BE HAND DUG WITHIN THE DRIP LINE IN AREAS WHERE ROOTS TWO INCHES IN DIAMETER AND GREATER ARE PRESENT, OR WHEN IN CLOSE PROXIMITY TO LOW BRANCHING TREES. WHENEVER POSSIBLE, ROOTS TWO INCHES OR GREATER IN DIAMETER SHALL BE TUNNELED OR BORED UNDER AND SHALL BE COVERED TO PREVENT DEHYDRATION.
- WHEN ROOT CUTTING IS UNAVOIDABLE, A CLEAN SHARP CUT SHALL BE MADE TO AVOID SHREDDING OR SMASHING. ROOT CUTS SHOULD BE MADE BACK TO A LATERAL ROOT. WHENEVER POSSIBLE, TREE ROOTS SHOULD BE CUT BETWEEN LATE FALL AND BUD OPENING, WHEN ROOT ENERGY SUPPLIES ARE HIGH AND CONDITIONS ARE LEAST FAVORABLE FOR DISEASE CAUSING AGENTS. EXPOSED ROOTS SHALL BE COVERED IMMEDIATELY TO PREVENT DEHYDRATION. ROOTS SHALL BE COVERED WITH SOIL OR BURLAP AND KEPT MOIST.
- WATERING OF PROTECTED TREES IN WHICH ROOTS WERE CUT SHALL BE PROVIDED BY THE CONTRACTOR.
- AUGER TUNNELING RATHER THAN TRENCHING SHOULD BE USED FOR UTILITY PLACEMENT WITHIN DRIP LINE OR TREE.
- FENCING MATERIAL SHALL ENCIRCLE ANY TREE WHOSE OUTER DRIP LINE EDGE IS WITHIN 20 FEET OF ANY CONSTRUCTION ACTIVITIES.
- FENCING MATERIAL SHALL BE BRIGHT, CONTRASTING COLOR, DURABLE, AND A MINIMUM OF FOUR FEET IN HEIGHT.

## TREE PROTECTION DETAIL

### Trunk Protection

REQUIRED IF WHEELED CONSTRUCTION EQUIPMENT INVOLVED WITHIN 20' OR LESS. 1" BOARDS NOT LESS THAN 5' LONG OR TO REACH FIRST SCAFFOLD BRANCH. WIRE TO HOLD BOARDS IN PLACE, NO NAILS PERMITTED. INCLUDE WRAPPING OF BURLAP UNDER BOARDS.



NOTE:  
NO MATERIALS SHALL BE STORED WITHIN THE TREE PROTECTIN AREA

Root Protection  
VARIES PER TREE SIZE  
EXTENDS FROM DRIPLINE TO DRIPLINE

### Branch Protection

PROTECT LOWER BRANCHES OF TREE CANOPY. PROVIDE CONSTRUCTION FENCING OR EQUAL AT DRIPLINE (MIN.)

### PLACE SIGNS:

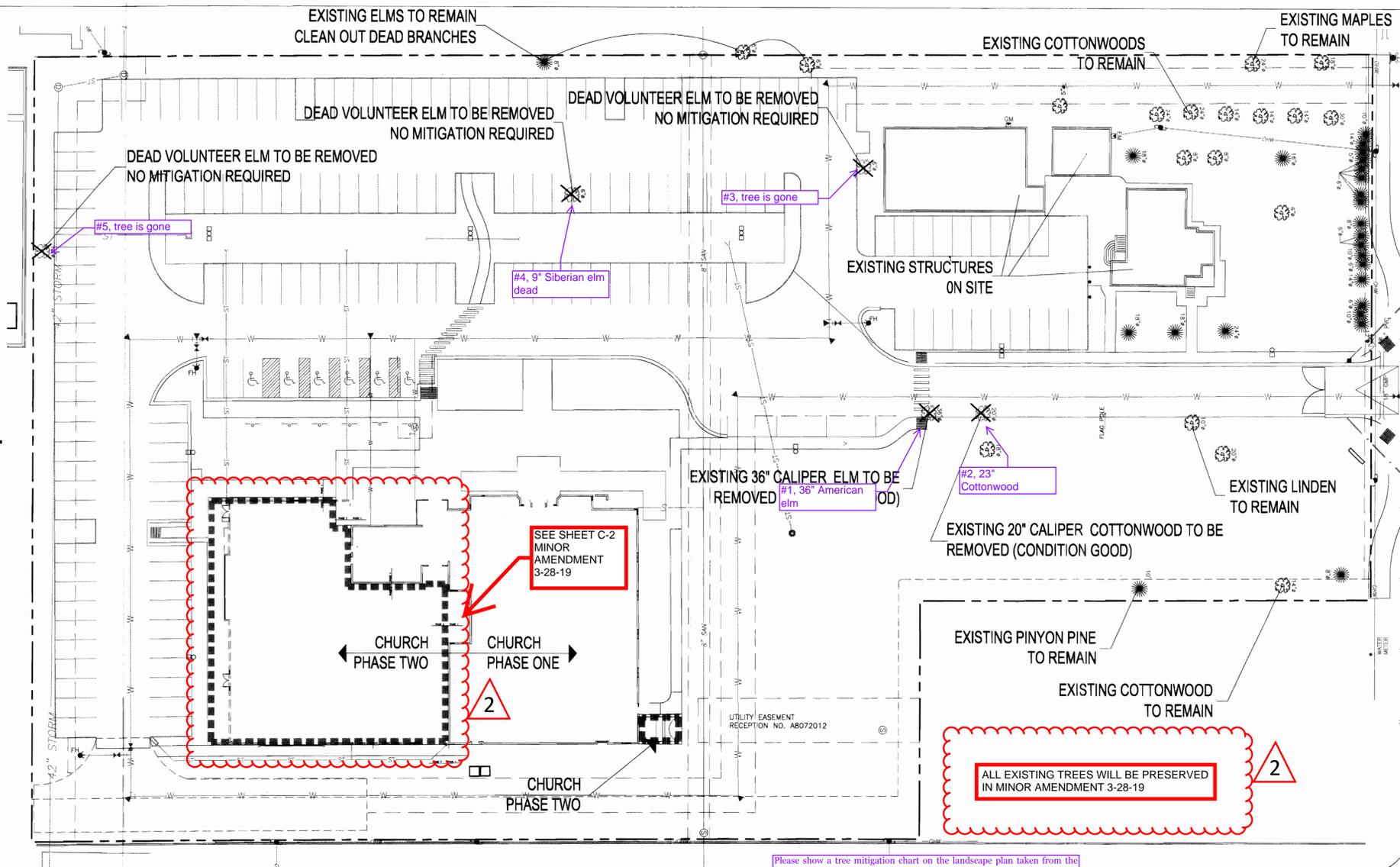
KEEP OUT  
TREE PROTECTION  
AREA

EVERY 50' ATTACHED TO FENCING

SCALE 1"=30'-0"

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Please show a tree mitigation chart on the landscape plan taken from the Landscape Manual page 29. If payment will be made into the Tree Planting Fund, add another column to the chart indicating the payment amount that will be made. If trees will be planted on the site, please show a symbol indicating trees that are specific to tree mitigation.

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Professional Seal:

COLFAX AVENUE

GISHEN MARYAM  
ETHIOPIAN ORTHODOX CHURCH

AURORA, CO

16250 EAST COLFAX

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No.	Revision	Description	Date

Sheet Title:  
**Tree Mitigation**  
Project Number: 21357  
Drawn By:  
Issue Date: 05.18.05  
Sheet Number: L-3

REVISIONS	
NO.	DESCRIPTION
1	MINOR AMENDMENT

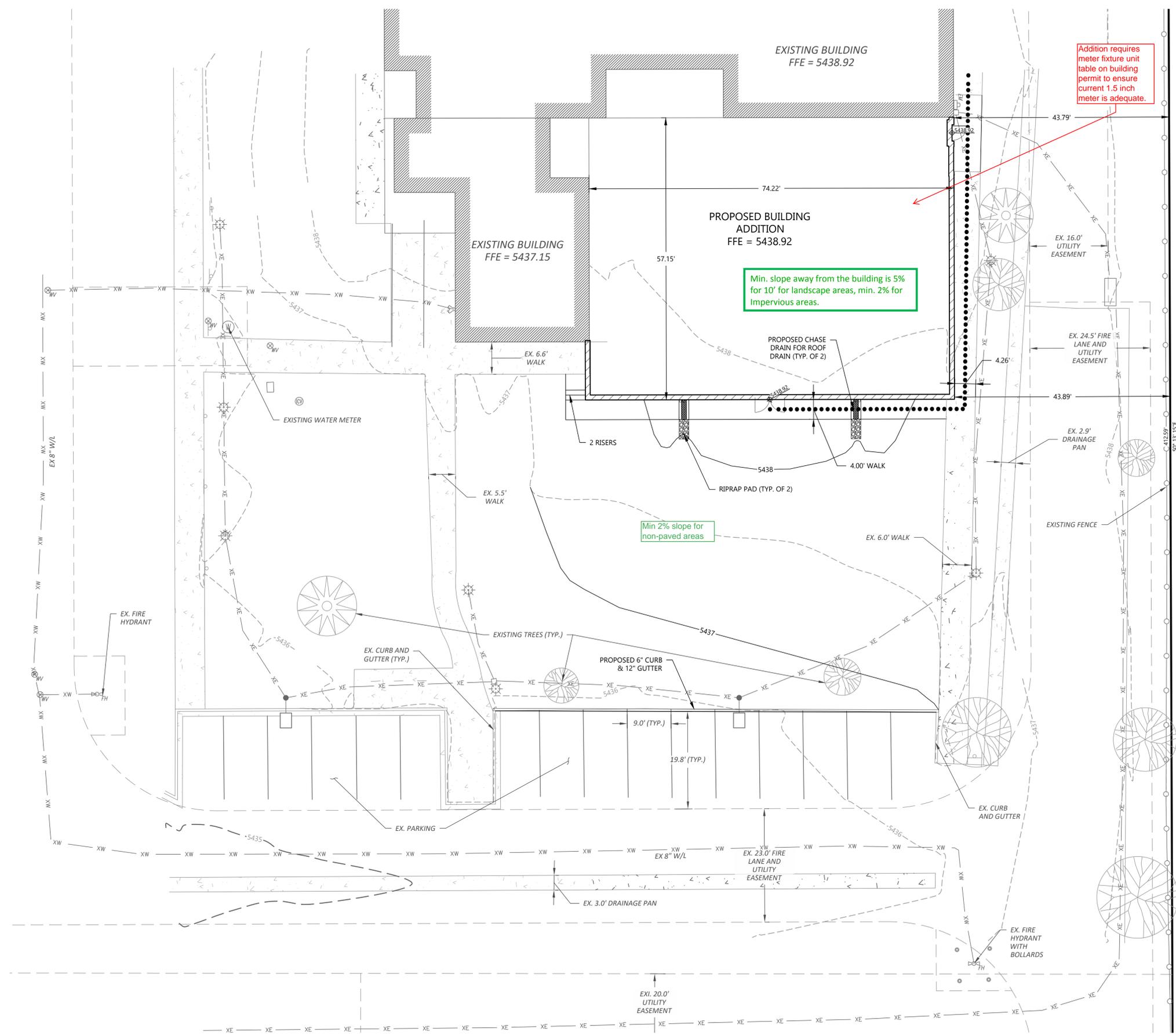
PROJ. NO.	DATE	NO.	DATE	NO.	DATE
19006	5/18/05	1	3/28/19		

DRAWN BY: JGD  
CHECKED BY: JGD

**SITE UTILITY & GRADING PLAN**  
GISHEN MARYAM  
ETHIOPIAN ORTHODOX CHRUCH  
COLORADO  
AURORA

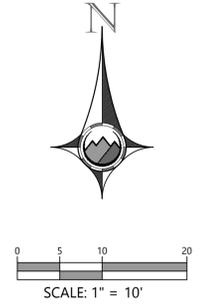
DRAWING NO.

**C-2**



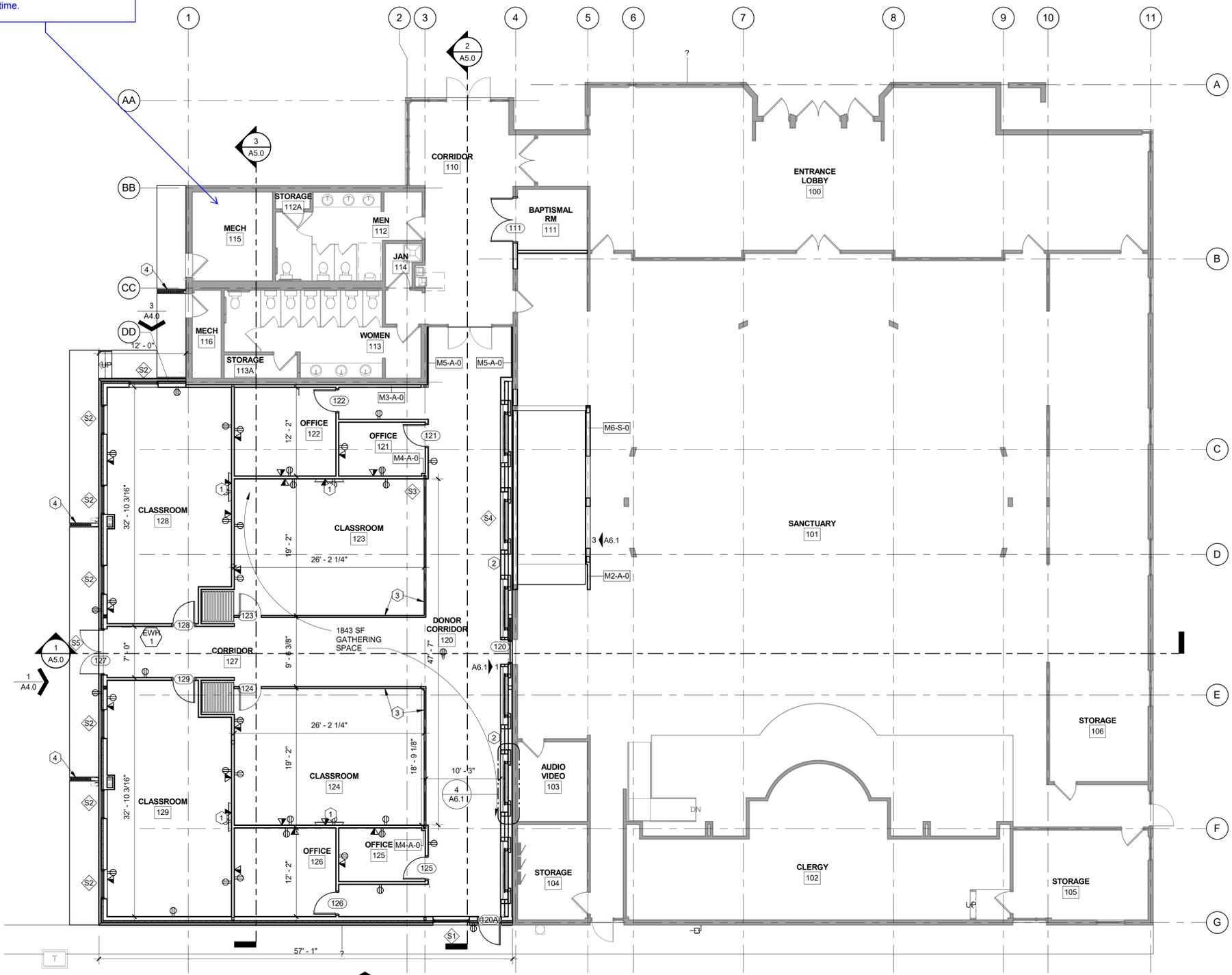
- LEGEND:**
- PROPERTY LINE
  - ADA ACCESSIBLE ROUTE
  - ▨ PROPOSED BUILDING
  - EXISTING BUILDING
  - - - PROPOSED EASEMENT
  - - - EXISTING EASEMENT
  - PROPERTY SETBACK
  - SD> PROPOSED STORM LINE
  - XSD> EXISTING STORM LINE
  - PROPOSED INLET
  - EXISTING INLET
  - W PROPOSED WATER LINE
  - XW EXISTING WATER LINE
  - PROPOSED HYDRANT & VALVE
  - EXISTING HYDRANT & VALVE
  - S> PROPOSED SAN SEWER LINE
  - XS> EXISTING SAN SEWER LINE
  - XE EXISTING ELECTRICAL LINE
  - XOH EXIST. OVERHEAD ELEC. LINE
  - 5400 PROPOSED 5' CONTOUR
  - 5401 PROPOSED 1' CONTOUR
  - - - 5400 EXISTING 5' CONTOUR
  - - - 5401 EXISTING 1' CONTOUR
  - ☀ PROPOSED LIGHT POLE
  - ☀ EXISTING LIGHT POLE

- NOTES:**
- ALL DIMENSIONS ARE TO FLOWLINE UNLESS OTHERWISE INDICATED.
  - ALL ELEVATION SPOTS ALONG CURB INDICATE FLOWLINE ELEVATION UNLESS OTHERWISE INDICATED.
  - PROPOSED ACCESSIBLE PARKING SPOTS SHALL HAVE 2.0% MAX SLOPE IN ANY DIRECTION.



2

Show location of fire riser room on this sheet. Include a symbol for the fire department connection. Note: Knox caps are required to secure the openings on the fire department connection. If the door to riser room is not currently labeled, it will be required to be labeled at this time.



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

**KEYNOTES - PLAN**

- 1 PROVIDE BACKING AND A.V. FOR MONITOR SCREEN THIS WALL, SEE ELEC. DRAWINGS
- 2 RETRACTABLE PROJECTOR SCREEN, SEE ELEVATION ON A6.1.
- 3 OPERABLE PARTITION WALLS, 11'-0" TALL. MODERNFOLD OR EQUIVALENT.
- 4 SIDEWALK CHASE.

**WALL LEGEND - METAL STUD FRAMING**

WALL HEIGHT KEY (AS INDICATED ON PLANS):	WALL TYPE
P = PARTIAL HEIGHT WITH TOP CAP. PROVIDE STEEL BRACE BOLTED TO FLOOR AT END OF WALL.	
C = TO UNDERSIDE OF CEILING GRID	
A = TO 4" ABOVE CEILING, BRACE TO STRUCTURE	
S = TO UNDERSIDE OF DECK, PROVIDE SLIPHEAD WITH X" OF COMPRESSION AND X" OF EXTENSION	
B = BEARING WALL - SEE STRUCTURAL	
E = EXTERIOR WALL - SEE ELEVATIONS	WALL TAG

**NOTE:** \*AT GYPSUM BOARD WALLS AND CEILINGS PROVIDE CONTROL JOINTS AT A MINIMUM OF EVERY 30 LINEAR FEET OF UNINTERRUPTED SURFACE.  
\*ALL WALLS ARE M1-A-0 U.N.O.

TYPE	VERTICAL SECTION	DESCRIPTION
M1		20 GA. 3 5/8" X 1 3/8" FLANGE STEEL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE WITH ACCOUSTIC BATT IN THE CAVITIES
M2		20 GA. 3 5/8" X 1 3/8" FLANGE STEEL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE
M3		20 GA. 3 5/8" X 1 3/8" FLANGE STEEL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD ONE SIDE
M4		20 GA. 2 1/2" X 1 3/8" FLANGE STEEL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD ONE SIDE
M5		20 GA. 7/8" HAT CHANNELS AT 16" O.C. WITH 5/8" GYPSUM BOARD ONE SIDE
M6		20 GA. 7/8" HAT CHANNELS AT 16" O.C. WITH 5/8" GYPSUM BOARD ONE SIDE



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**ST. MARY'S ADDITION**

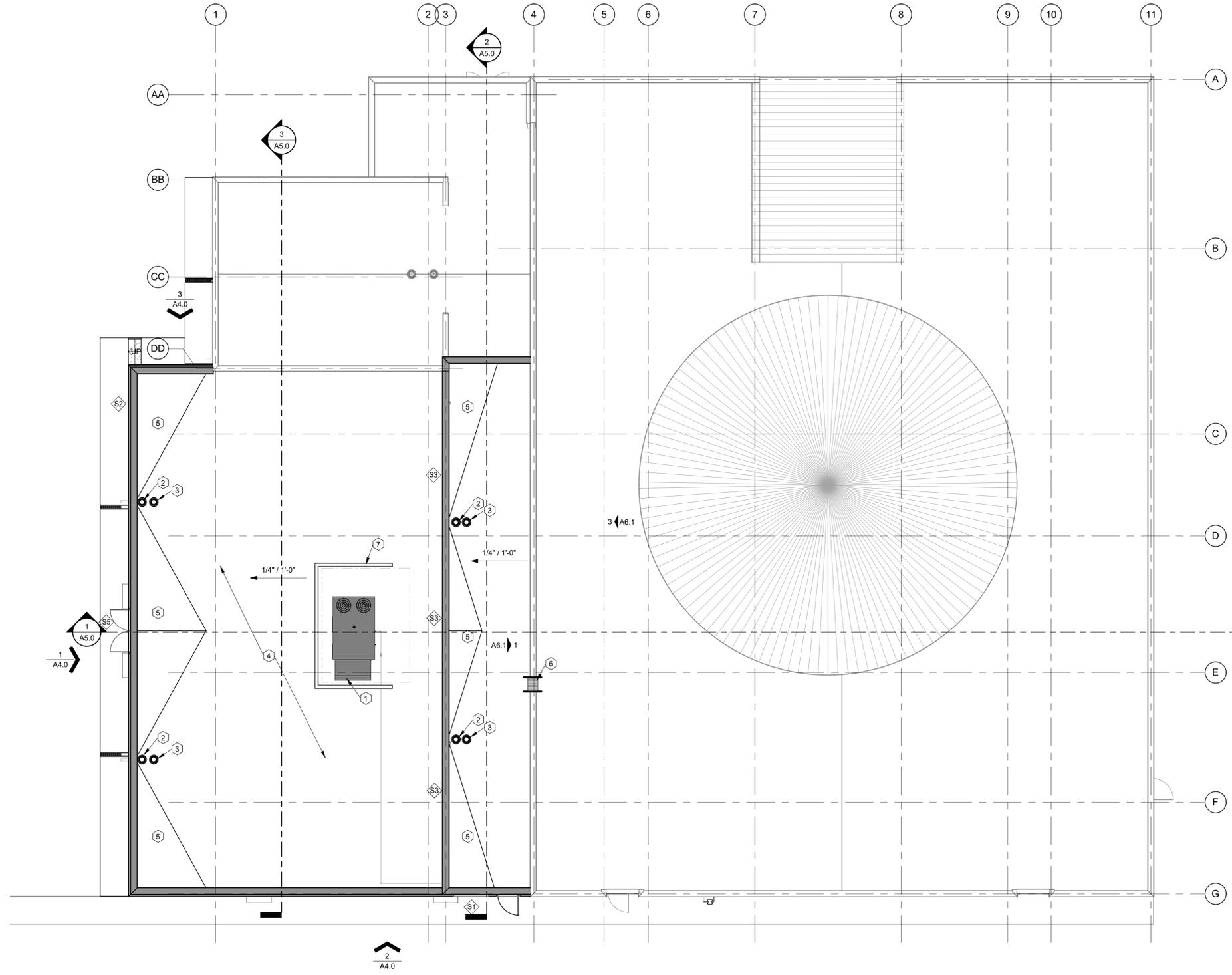
DATE	DESC.
11-05-18	PRELIM.
11-21-18	PRELIM.
12-18-18	PRICING SET
03-28-19	MINOR AMENDMENT

16250 E. COLFAX AVE.  
AURORA, CO 80011

**2**  
NORTH  
**A2.0**  
FLOOR PLAN

**KEYNOTES - ROOF PLAN**

- 1 NEW MECHANICAL UNIT ON CURB, RE: MECHANICAL AND STRUCTURAL
- 2 ROOF DRAIN CONNECTED TO INTERIOR LEADER CONNECTED TO LAMBS TONGUE, RE: PLUMBING.
- 3 OVERFLOW ROOF DRAIN CONNECTED TO INTERIOR LEADER CONNECTED TO LAMBS TONGUE, RE: PLUMBING.
- 4 60 MIL FULLY ADHERED EPDM ROOF MEMBRANE ON 1/4" COVER BOARD ON 5" POLYISO INSULATION ON METAL DECK.
- 5 60 MIL FULLY ADHERED EPDM ROOF MEMBRANE ON 1/4" COVER BOARD ON TAPERED INSULATION SLOPED AT 1/4"1'-0" TOWARDS DRAINS ON METAL DECK.
- 6 PARAPET LADDER.
- 7 ROOF MOUNTED EQUIPMENT SCREENING.



**1 ROOF PLAN**  
 SCALE: 1/8" = 1'-0"

By: Author

4/26/2019 3:07:29 PM

ST. MARY'S ADDITION

16250 E. COLFAX AVE.  
 AURORA, CO 80011

DATE	DESC.
11-05-18	PRELIM.
11-21-18	PRELIM.
12-18-18	PRICING SET
03-28-19	MINOR AMENDMENT

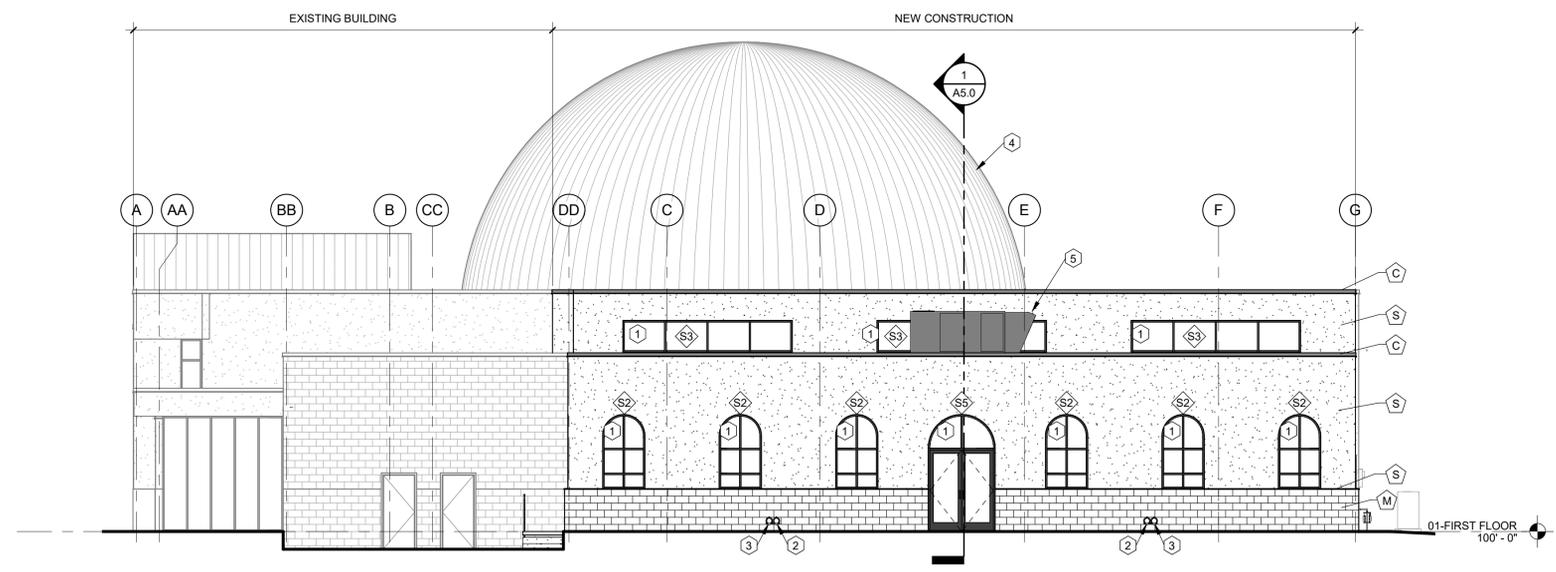
**A2.2**  
 ROOF PLAN



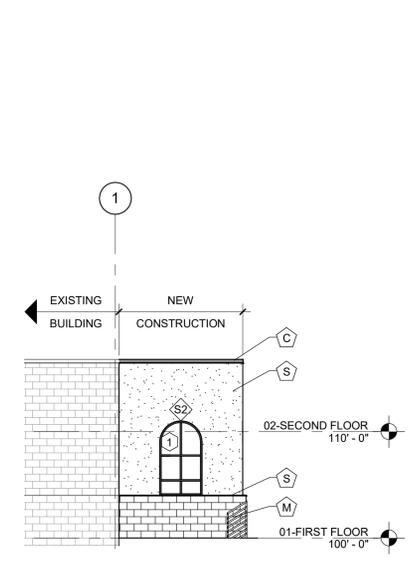
EXTERIOR FINISH LEGEND			
SYM.	PATTERN	DESCRIPTION	MANUFACTURER / COLOR
M	[Pattern]	4"x8"x16" SPLIT FACE CMU	TBS / TBS
S	[Pattern]	THREE COAT STUCCO	MATCH (E) BUILDING STUCCO COLOR AND FINISH AS CLOSELY AS POSSIBLE
C	[Pattern]	CAP FLASHING	MATCH (E) BUILDING GOLD COLOR
SF	[Pattern]	SILL FLASHING	MATCH (E) BUILDING GOLD COLOR

**KEYNOTES - EXTERIOR ELEVATIONS**

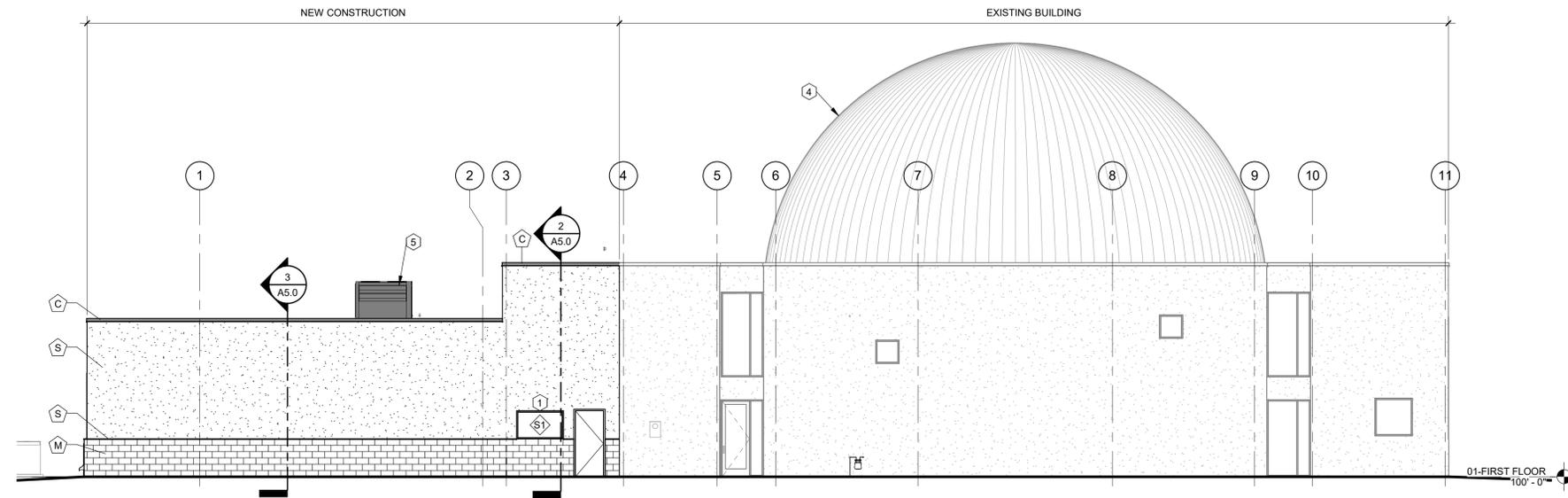
- 1 STOREFRONT TUBELITE SERIES T14000.
- 2 LAMBS TONGUE CONNECTED TO ROOF DRAIN, RE: PLUMBING.
- 3 LAMBS TONGUE CONNECTED TO ROOF OVERFLOW DRAIN, RE: PLUMBING.
- 4 (E) DOME BEYOND.
- 5 RTU, RE: MECH.



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



**3 WEST ELEVATION**  
 SCALE: 1/8" = 1'-0"



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

ST. MARY'S ADDITION

DATE	DESC.
11-05-18	PRELIM.
11-21-18	PRELIM.
12-18-18	PRICING SET
03-28-19	MINOR AMENDMENT

**A4.0**  
 EXTERIOR ELEVATIONS