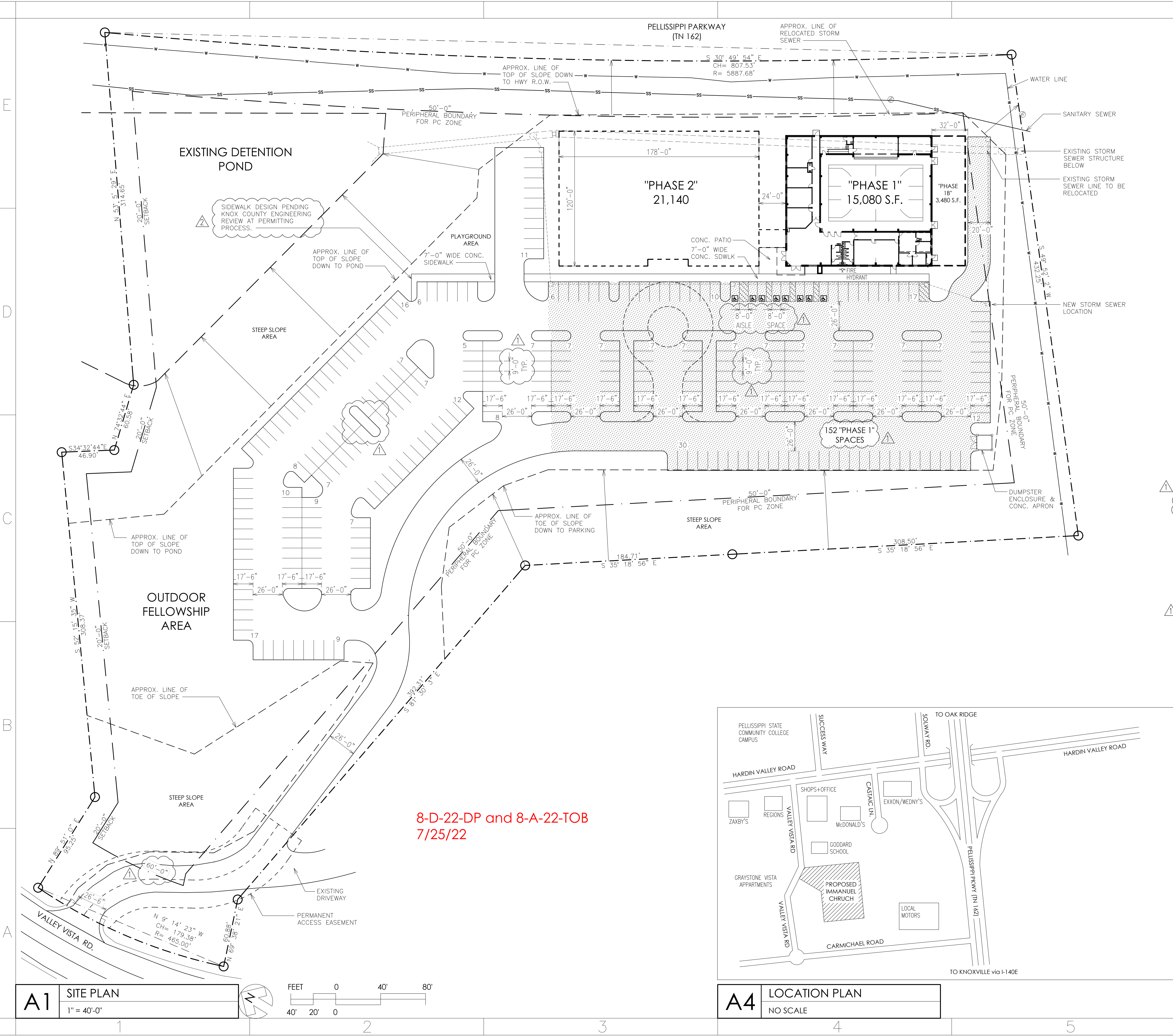




GRAPHIC LEGEND:

- FUTURE BUILDING PHASES
- STORM SEWER (NEW, EXISTING)
- SANITARY SEWER
- APPROX. LINE OF TOE OR TOP OF STEEP SLOPE AREA
- BUILDING SETBACK LINE
- PROPERTY LINE BOUNDARY
- DOMESTIC WATER LINE

GENERAL SITE INFORMATION:

MUNICIPAL JURISDICTION:
KNOX COUNTY, TN
TN TECHNOLOGY CORRIDOR DEVELOPMENT AUTHORITY (TTCCA)
VISTA DEL MONTE DEVELOPMENT ALSO HAS DESIGN GUIDELINES.

ADDRESS: VALLEY VISTA ROAD, NUMBER NOT ASSIGNED

SITE ZONE: PC/TO (PLANNED COMMERCIAL/TECHNOLOGY OVERLAY)

PARCEL ID: 103 12011

WARD: W6

AREA: 10.55 ACRES (459,730 s.f.)

SITE PLAN PREPARED FROM RECORDED PLAT PREPARED BY DANIEL P. HUMPHREYS, RLS AND PUBLICLY AVAILABLE KGIS DATA. THIS IS NOT A SURVEY.

PREVIOUS TTCCA SUBMITTALS:
TTCCA CASE # 3-C-21-TOB

DEVELOPMENT PHASES:

PHASE 1:
1-STORY BUILDING, 15,080 S.F. TYPE III-B, SPRINKLERED
625-SEAT AUDITORIUM/GYM, CLASSROOMS, OFFICES, KITCHEN

PHASE 1B:
PROVISION FOR FUTURE 3,480 SQ.FT. EXPANSION

PHASE 2:
1- OR 2-STORY BUILDING, 21,140 S.F. TYPE III-B, SPRINKLERED
PROGRAM AS NEEDED

PARKING:

NOTE: KNOX COUNTY ZONING DEFERS TO TTCCA GUIDELINES.

MAXIMUM SPACES: 1 PER 3 AUDITORIUM SEATS
610 ÷ 3 = 203 SPACES

MINIMUM SPACES: 1 PER 4 AUDITORIUM SEATS
610 ÷ 4 = 152 SPACES

CHURCH WOULD LIKE TO BUILD UP TO 292 SPACES WHICH WILL SUPPORT A NEW AUDITORIUM OF BETWEEN 875 AND 1,168 SEATS.

GROUND AREA COVERAGE (GAC):

NOTE: DUE TO PAST SITE DEVELOPMENT, HILL TOP PRESERVATION RULES NO LONGER APPLY.

GROSS SITE AREA: 459,730 s.f.

PHASE 1: 15,080 S.F. ÷ 459,730 S.F. = 3.3%

PHASE 1+1A: 18,560 S.F. ÷ 459,730 S.F. = 4.0%

PHASE 1+1A & 2: 39,700 S.F. ÷ 459,730 S.F. = 8.6%

FLOOR AREA RATIO (FAR):

ALL PROPOSED BUILDINGS ARE 1-STORY. TOTAL PROPOSED BUILDING AREA IS 39,700 S.F. WHICH IS 8.6% OF THE AREA OF 10.26 ACRES OR 459,730 S.F. (8.6% < 30%)

IMPERVIOUS AREA RATIO (IAR):
ASSUMES PARKING BUILD-OUT

PROPOSED IAR (PHASES 1, 1B AND 2):
BUILDING AREAS: 39,700 S.F.
PARKING AREAS: 132,878 S.F. (ALL PHASES)
TOTAL: 39,745 + 132,878 = 172,623 ÷ 459,730 = 37.5%

BUILDING HEIGHT:

MAXIMUM ALLOWABLE HEIGHT: 45 FEET (5.33.07)
PLANNED HEIGHT: 28'-8"

FOR BUILDING CODE INFORMATION, SEE A-100.

TTCCA/DEVELOPMENT/BZA SUBMITTAL DRAWING INDEX:

- C-100 SITE PLAN
- C-105 EXISTING TOPOGRAPHICAL PLAN
- C-110 LANDSCAPING PLAN
- A-100 PHASE 1 FLOOR PLAN
- A-200 PHASE 1 ELEVATIONS & ROOF PLAN
- A-201 PHASE 1 COLOR ELEVATION
- ES101 PHASE 1 ILLUMINATION
- ES201 SCHEDULE & DETAILS

FALCONNIER DESIGN COMPANY

4622 Chambliss Avenue
Knoxville, TN 37919
Phone 865.584.7868
Fax 865.584.3139
faldesco@gmail.com
© copyright 2022

TTCCA CASE # 8-D-22-TOB
TENNESSEE TECHNOLOGY CORRIDOR DEVELOPMENT AUTHORITY & VISTA DEL MONTE DESIGN DEVELOPMENT GUIDELINES

KNOX PLANNING
3-E-21-UR Immanuel Church

MULTI-PURPOSE BUILDING

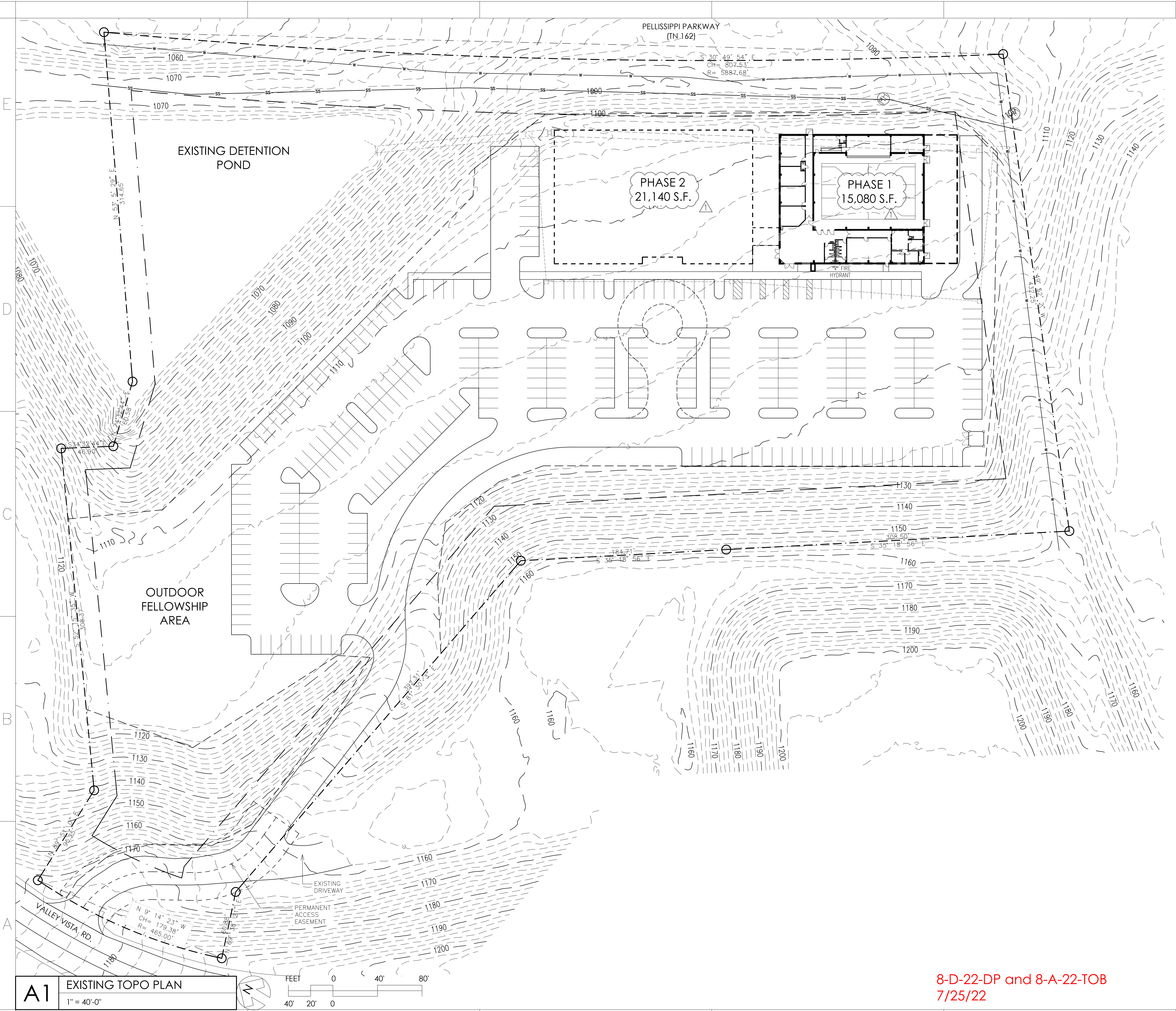
IMMANUEL CHURCH
VALLEY VISTA ROAD
KNOXVILLE, TN 37932

SITE PLAN
OPTION 4

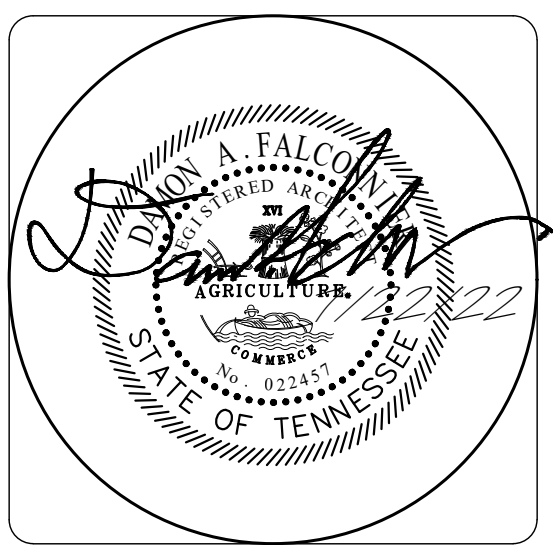
AS INSTRUMENTS OF SERVICE, THESE DRAWINGS AND THE DESIGN REPRESENTED BY THEM ARE THE PROPERTY OF DAMON A. FALCONNIER AND AS SUCH ARE PROTECTED BY STATE AND FEDERAL COPYRIGHT LAWS. REPRODUCTION OR USE OF THESE DRAWINGS OTHER THAN FOR THE PROJECT INTENDED WITHOUT WRITTEN CONSENT FROM DAMON A. FALCONNIER IS PROHIBITED. UNAUTHORIZED USE WILL BE SUBJECT TO LEGAL ACTION.

DRAWN BY:	GHF/DRK
CHECKED BY:	DAF
ISSUED:	06/27/22
REVISION(S):	07/18/22 07/22/22
FILE:	2022-049

C-100



4622 Chambliss Avenue
Knoxville, TN 37919
Phone 865.584.7868
Fax 865.584.3139
faldesco@gmail.com
© copyright 2022



TTCA CASE # 8-D-22-TOB
TENNESSEE TECHNOLOGY
CORRIDOR DEVELOPMENT
AUTHORITY &
VISTA DEL MONTE DESIGN
DEVELOPMENT GUIDELINES
2

KNOX PLANNING
3-E-21-UR Immanuel
Church

MULTI-PURPOSE
BUILDING

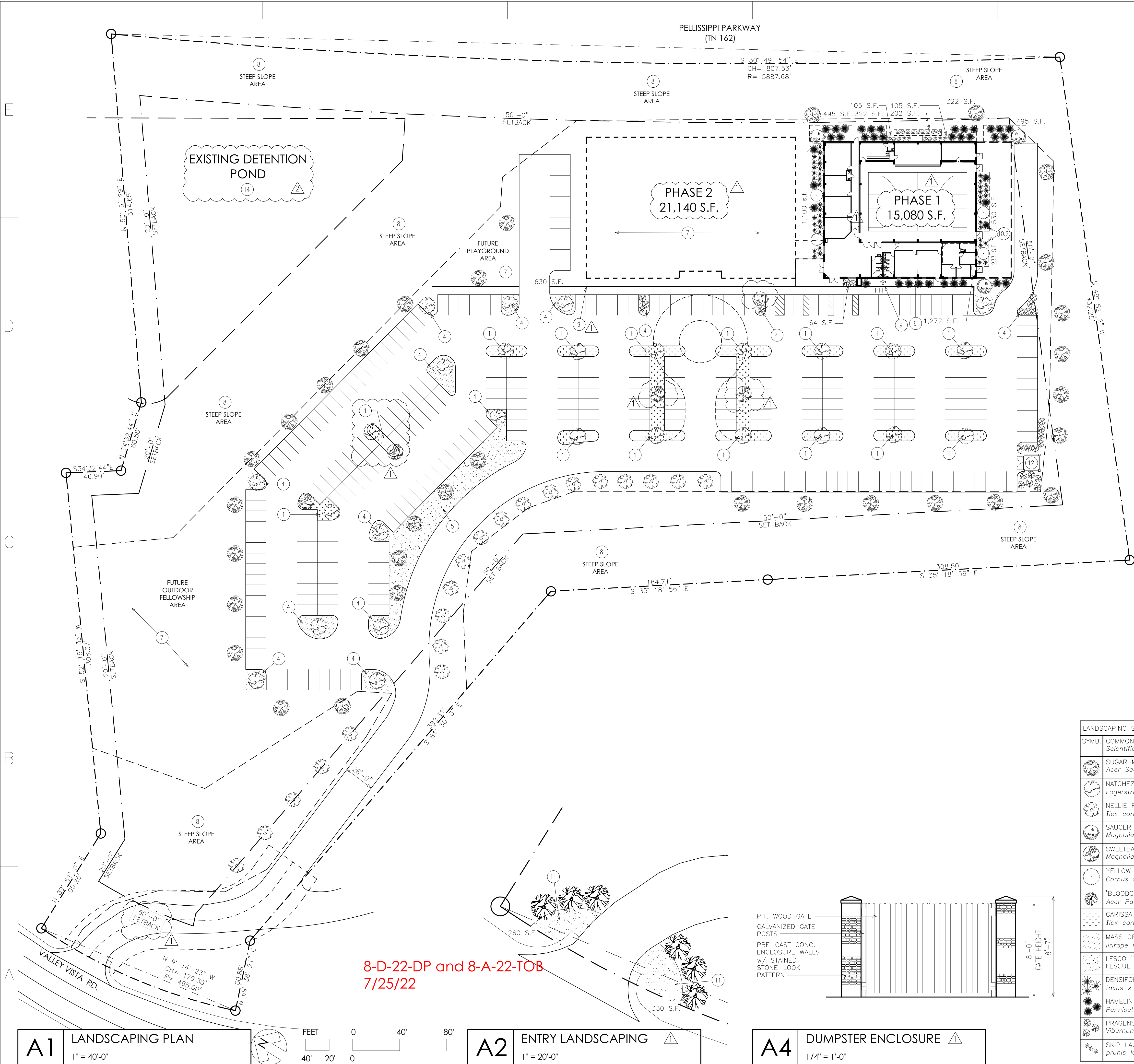
IMMANUEL CHURCH
VALLEY VISTA ROAD
KNOXVILLE, TN 37932

EXISTING
TOPOGRAPHICAL
PLAN

AS INSTRUMENTS OF SERVICE, THESE
DRAWINGS AND THE DESIGN REPRESENTED BY
THEM ARE THE PROPERTY OF DAMON A.
FALCONNIER AND AS SUCH ARE PROTECTED
BY STATE AND FEDERAL COPYRIGHT LAWS.
REPRODUCTION OR USE OF THESE DRAWINGS
OTHER THAN FOR THE PROJECT INTENDED
WITHOUT WRITTEN CONSENT FROM DAMON A.
FALCONNIER IS PROHIBITED. UNAUTHORIZED
USE WILL BE SUBJECT TO LEGAL ACTION.

DRAWN BY:	GHF\DRK
CHECKED BY:	DAF
ISSUED:	06/27/22
REVISION(S):	
07/18/22	07/22/22
FILE:	2022-049

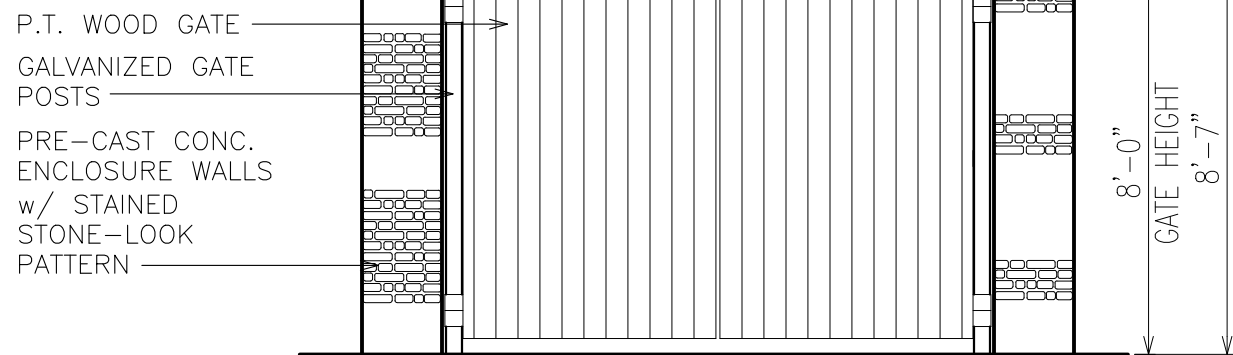
C-105



- LANDSCAPE PLAN NOTES:
1. TYPICAL ISLAND LANDSCAPING: 11 CARISSA HOLLY, TREES AS INDICATED.
 2. NOT USED
 3. PARTIAL ISLAND, 8 CARISSA HOLLY
 4. LANDSCAPED PENINSULAS: LIRIROPE, 4" MATCH DENSITY OF "CIRCLE" SEE NOTE 2 ABOVE.
 5. GRASS AREAS.
 6. BEDS AT BUILDING: LIRIROPE, 4", MATCH DENSITY OF CIRCLE, SEE NOTES 2 ABOVE.
 7. SEED AND STRAW "PHASE 2" AREA, "OUTDOOR FELLOWSHIP AREA" AND "FUTURE PLAYGROUND AREA" TO ACHIEVE UNIFORM DENSE LAWN
 8. STEEP SLOPE AREAS ARE EXISTING TO REMAIN. CLEAN OUT ANY UNDESIRABLE WEED PLANTS AND STABILIZE AS REQUIRED. EXISTING VEGETATION TO REMAIN WHERE POSSIBLE.
 9. FRONT ELEVATIONS HAVE 2,210 S.F. x 0.5 = 1,105 S.F. OF LANDSCAPING BEDS. PROVIDED: FRONT: 1,272 > 1,105
 10. SIDE ELEVATIONS HAVE 1,477 S.F. x 0.5 = 1,934(±2=739)
 - 10.1. NORTH SIDE: 1100 > 739
 - 10.2. SOUTH SIDE: 763 > 739
 11. ENTRY AREAS WITH LIRIROPE, 4"
 12. PRE-CAST CONCRETE STONE-LOOK DUMPSTER ENCLOSURE w/ WOOD GATE, SEE A4 THIS SHEET.
 13. PARKING AREA PLANTINGS:
 - 13.1. PARKING AREA TOTAL: 123,719 S.F.
 - 13.2. 5% OF PARKING AREA: 6,186 S.F.
 - 13.3. TOTAL LANDSCAPING PLANTING BED AREAS:
 - 13.3.1. BUILDING AREAS: 4,696
 - 13.3.2. ENTRANCE AREAS: 590
 - 13.3.3. PARKING AREAS: 15,602
 14. POND MAINTENANCE WILL BE REQUIRED DURING PERMIT REVIEW.

- LANDSCAPING GENERAL NOTES:
1. PROPERTY LINES ARE BASED ON SURVEY PROVIDED BY OWNER. SEE CIVIL DRAWINGS FOR MEETS AND BOUNDS.
 2. TOTAL SITE AREA IS 10.55 ACRES.
 3. SITE IS GOVERNED BY THREE OVERLAPPING SETS OF GUIDELINES. THE MOST STRINGENT IN EACH CASE SHALL GOVERN:
 - 3.1. KNOX COUNTY ZONING ORDINANCE
 - 3.2. TENNESSEE TECHNOLOGY CORRIDOR DEVELOPEMENT AUTHORITY.
 - 3.3. VISTA DEL MONTE DEVELOPMENT GUIDELINES
 4. DEVELOPED AREA SHALL HAVE LANDSCAPING TO CONFORM TO ALL APPLICABLE CODES AND STANDARDS.
 5. TREE AND PLANT SCHEDULES ARE INCLUDED IN THE LANDSCAPING DESIGN.
 6. THERE ARE NO ENVIRONMENTALLY SENSITIVE AREAS WITHIN THE LIMITS OF DEVELOPMENT IN THIS SITE.
 7. THERE IS TO BE NO CLEARING WITHIN THE REQUIRED LANDSCAPE BUFFER AREA. EXISTING TREES ARE NUMEROUS AND ARE ADEQUATE TO MEET LANDSCAPING BUFFER.
 8. DETENTION POND MAINTENANCE PLAN:
 - 8.1. AS DIRECTED BY DEVELOPMENT COVENANTS AND RESTRICTIONS, OTHERWISE:
 - 8.1.1. BI-WEEKLY MOWING AND/OR TRIMMING WITH A STRING-LINE TRIMMER.
 - 8.1.2. PRUNING AND SHAPING OF DECORATIVE PLANTS ON A MONTHLY BASIS OR AS PER ACCEPTED HORTICULTURAL PRACTICES.
 9. WHERE REQUIRED: SLOPE STABILIZATION FOR SLOPES GREATER THAN 2 1/2:1, INCLUDING SEED MIX APPLICATION, GROUND SURFACE PREPARATION AND ANY REPEAT APPLICATIONS (IF NEEDED) MUST BE INSTALLED BY A PROFESSIONAL WHO IS FAMILIAR WITH THE PROPER MANNER IN WHICH THIS MUST BE COMPLETED IN ORDER TO PROVIDE THE BEST CHANCE OF SUCCESS.
 10. FOR SLOPES STEEPER THAN 2 1/2:1 SLOPE STABILIZATION WILL BE REQUIRED TO BE INSTALLED IMMEDIATELY ONCE FINISHED GRADES ARE ACHIEVED.
 11. PROVIDE DARK MULCH AROUND PLANTS AS REQUIRED.

LANDSCAPING SCHEDULE & LEGEND					
SYMB.	COMMON NAME <i>Scientific Name</i>	QUANTITY (APPROX)	HEIGHT AT MATURITY	EVERGREEN/ DECIDUOUS	REMARKS:
	SUGAR MAPLE <i>Acer Saccharum</i>	32	40'-50' LARGE	DECIDUOUS	
	NATCHEZ CREPE MYRTLE <i>Lagerstroemia 'indica' 'Natchez'</i>	27	15'-20' MEDIUM	DECIDUOUS	
	NELLIE R. STEVENS HOLLY <i>Ilex cornuta 'Nellie R Stevens'</i>	20	20'-25' LARGE	EVERGREEN	
	SAUCER MAGNOLIA <i>Magnolia x soulangeana</i>	3	12'-15' SMALL	DECIDUOUS	
	SWEETBAY MAGNOLIA <i>Magnolia virginiana</i>	4	12'-15' MEDIUM	DECIDUOUS	
	YELLOW TWIG DOGWOOD <i>Cornus sericea 'Flaviramea'</i>	4	8'-10' SMALL	DECIDUOUS	
	'BLOODGOOD' JAPANESE MAPLE <i>Acer Palmatum 'Bloodgood'</i>	6	8'-10' SMALL	DECIDUOUS	
	CARISSA HOLLY <i>Ilex cornuta 'carissa'</i>	±115	N/A	EVERGREEN	EXACT QUANTITY DETERMINED IN FIELD. SEE LANDSCAPE NOTE 1
	MASS OF LIRIROPE, 4" <i>Lirirope muscari 'Big Blue'</i>	AS REQ'D	N/A	EVERGREEN	EXACT QUANTITY DETERMINED IN FIELD. SEE LANDSCAPE PLAN NOTE 2.
	LESCO "TRANSITION BEND" TALL FESCUE <i>festuca arundinacea</i>	5 lbs/ 1000 S.F.	N/A	N/A	SEE LANDSCAPE PLAN NOTE 7.
	DENSIFORMIS YEW <i>taxus x media 'Densiformis'</i>	66	N/A	EVERGREEN	
	HAMELIN DWARF FOUNTAIN GRASS <i>Pennisetum alopecuroides 'Hamelin'</i>	62	N/A	DECIDUOUS	
	PRAGENSE VIBURNUM <i>Viburnum x pragense</i>	15	N/A	EVERGREEN	
	SKIP LAUREL <i>prunus laurocerasus</i>	19	N/A	EVERGREEN	



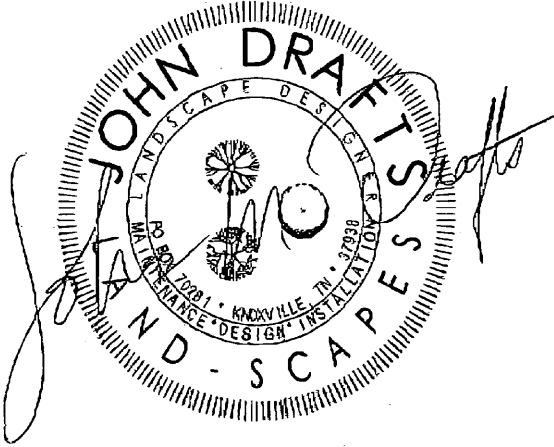
8-D-22-DP and 8-A-22-TOB
7/25/22

A1 LANDSCAPING PLAN
1" = 40'-0"

A2 ENTRY LANDSCAPING
1" = 20'-0"

A4 DUMPSTER ENCLOSURE
1/4" = 1'-0"

FALCONNIER
DESIGN COMPANY
4622 Chambliss Avenue
Knoxville, TN 37919
Phone 865.584.7868
Fax 865.584.3139
faldesco@gmail.com
© copyright 2022



865-679-4899

TTCA CASE # 8-D-22-TOB
TENNESSEE TECHNOLOGY
CORRIDOR DEVELOPMENT
AUTHORITY &
VISTA DEL MONTE DESIGN
DEVELOPMENT GUIDELINES

KNOX PLANNING
3-E-21-UR_Immanuel
Church

MULTI-PURPOSE
BUILDING

IMMANUEL CHURCH
VALLEY VISTA ROAD
KNOXVILLE, TN 37932

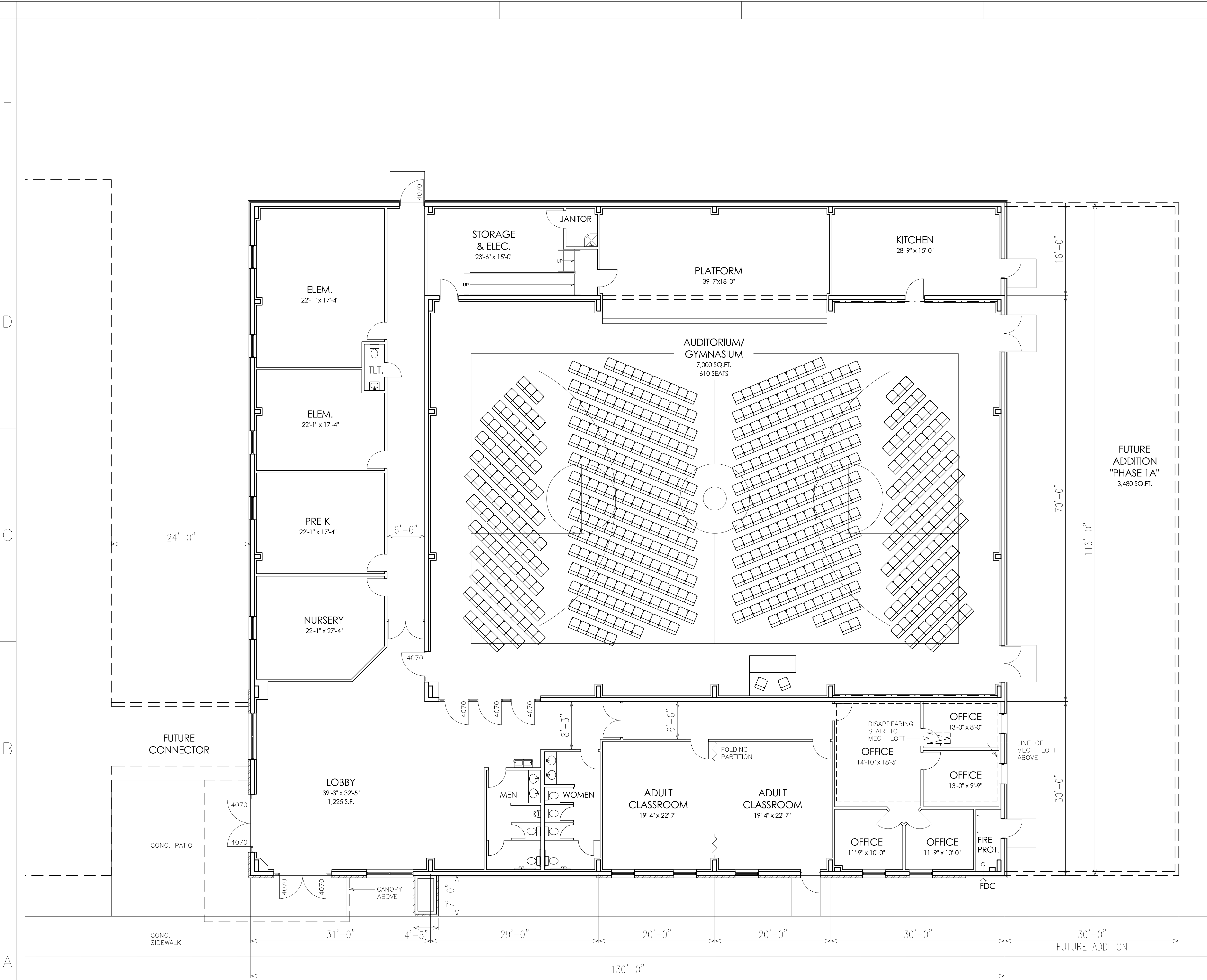
LANDSCAPING
PLAN

AS INSTRUMENTS OF SERVICE, THESE
DRAWINGS AND THE DESIGN REPRESENTED BY
THEM ARE THE PROPERTY OF DAMON A.
FALCONNIER AND AS SUCH ARE PROTECTED
BY STATE AND FEDERAL COPYRIGHT LAWS.
REPRODUCTION OR USE OF THESE DRAWINGS
OTHER THAN FOR THE PROJECT INTENDED
WITHOUT WRITTEN CONSENT FROM DAMON A.
FALCONNIER IS PROHIBITED. UNAUTHORIZED
USE WILL BE SUBJECT TO LEGAL ACTION.

DRAWN BY: GHF\DRK
CHECKED BY: JD
ISSUED: 06/27/22
REVISION(S):
07/18/22 07/22/22

FILE: 2022-049

C-110



CODE DATA
CODE DATA IS FOR "PHASE 1" ONLY.

MUNICIPAL JURISDICTION: KNOX COUNTY, TN
CODE ADMINISTRATION: FIRE PREVENTION BUREAU
APPLICABLE CODES:
2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL PLUMBING CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL FUEL GAS CODE
2018 INTERNATIONAL ENERGY CODE
2018 INTERNATIONAL FIRE CODE
2018 INTERNATIONAL PROPERTY MAINTENANCE CODE
2018 NFPA 101 LIFE SAFETY CODE
2017 NFPA 70 NATIONAL ELECTRIC CODE
OR LATEST ADOPTED CODE
2010 ADA/2009 ANSI 117.1 ACCESSIBILITY
KNOX COUNTY ZONING ORDINANCE
TN TECHNOLOGY CORRIDOR DEVELOPMENT AUTHORITY
OCCUPANCY GROUP: "A-3" ASSEMBLY, RELIGIOUS WORSHIP
CONSTRUCTION TYPE: III-B, SPRINKLERED
ALLOWABLE AREA:
15,080 GROSS S.F. ACTUAL 1st FLOOR
PROVISION FOR 3,480 S.F. ADDITION
(18,560 S.F. TOTAL FINISHED)
(28,500 S.F. ALLOWABLE 2+STORIES)
ALLOWABLE HEIGHT:
1 STORY, 28'-8" ACTUAL
(3 STORIES, 45' ALLOWABLE BY TTCDA/ZONING)
OCCUPANT LOAD (AUDITORIUM):
SEATING AREA: 6,812 S.F. ÷ 7 S.F./PERSON = 973
PLATFORM: 696 S.F. ÷ 15 S.F./PERSON = 46
TOTAL: 1019
CHAIRS: 610
DESIGN CAPACITY: 625
TABLES & CHAIRS: 6,812 ÷ 15 S.F./PERSON = 454
MEANS OF EGRESS:
5 PROVIDED
FIRE ALARM:
REQUIRED, WITH SPRINKLER MONITORING
PLUMBING (ASSUMES FINAL CONFIGURATION):
454 ÷ 2 = 227 MEN, 227 WOMEN
WOMEN WC 1 PER 75, 227 ÷ 75 = 3
MEN WC 1 PER 150, 227 ÷ 150 = 2 (UP TO 2/3 OF REQUIRED WC CAN BE URINALS)
ENTRY/EXIT DOORS:
DOOR SIZES ARE LISTED IN FEET AND INCHES
"6070" MEANS 6'-0" (WIDE) x 7'-0" (TALL)
DOORS ARE 3'-0" x 7'-0" UNLESS NOTED OTHERWISE.

4622 Chambliss Avenue
Knoxville, TN 37919
Phone 865.584.7868
Fax 865.584.3139
faldesco@gmail.com
© copyright 2022

2222

TTCDA CASE # 8-D-22-TOB
TENNESSEE TECHNOLOGY
CORRIDOR DEVELOPMENT
AUTHORITY &
VISTA DEL MONTE DESIGN
DEVELOPMENT GUIDELINES

△ 2

KNOX PLANNING
3-E-21-UR_Immanuel
Church

MULTI-PURPOSE
BUILDING

IMMANUEL CHURCH
VALLEY VISTA ROAD
KNOXVILLE, TN 37932

"PHASE 1"
FLOOR PLAN

OPTION 4

AS INSTRUMENTS OF SERVICE, THESE DRAWINGS AND THE DESIGN REPRESENTED BY THEM ARE THE PROPERTY OF DAMON A. FALCONNIER AND AS SUCH ARE PROTECTED BY STATE AND FEDERAL COPYRIGHT LAWS. REPRODUCTION OR USE OF THESE DRAWINGS OTHER THAN FOR THE PROJECT INTENDED WITHOUT WRITTEN CONSENT FROM DAMON A. FALCONNIER IS PROHIBITED. UNAUTHORIZED USE WILL BE SUBJECT TO LEGAL ACTION.

DRAWN BY:	GHF\DRK
CHECKED BY:	DAF
ISSUED:	06/27/22
REVISION(S):	
△ 07/18/22	△ 07/22/22
FILE:	2022-049

A-100

PHASE 1 GROSS AREA: 15,080 s.f.
PHASE 1A ADDITION: +3,480 s.f.

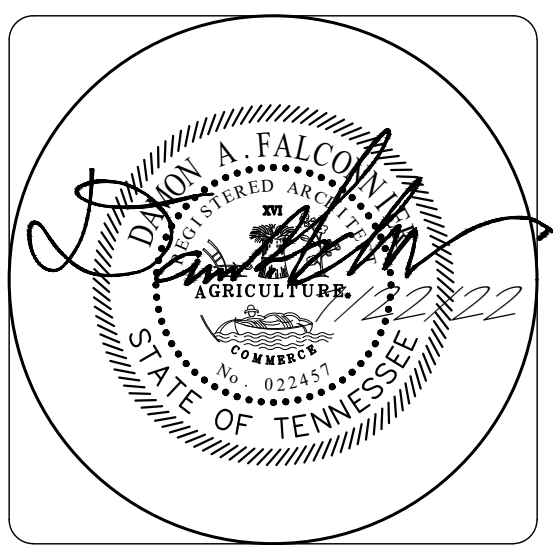
A1

FLOOR PLAN

1/8" = 1'-0"

BUILD
NORTH

8-D-22-DP and 8-A-22-TOB
7/25/22



KNOX PLANNING
3-E-21-UR_Immanuel
Church

IMMANUEL CHURCH
VALLEY VISTA ROAD
KNOXVILLE, TN 37932

OPTION 4

AS INSTRUMENTS OF SERVICE, THESE DRAWINGS AND THE DESIGN REPRESENTED BY THEM ARE THE PROPERTY OF DAMON A. FALCONNIER AND AS SUCH ARE PROTECTED BY STATE AND FEDERAL COPYRIGHT LAWS. REPRODUCTION OR USE OF THESE DRAWINGS OTHER THAN FOR THE PROJECT INTENDED WITHOUT WRITTEN CONSENT FROM DAMON A. FALCONNIER IS PROHIBITED. UNAUTHORIZED USE WILL BE SUBJECT TO LEGAL ACTION.

FILE:	2022-049
-------	----------

A-200

Architectural elevation drawing of the Immanuel Church building. The drawing shows a long, single-story structure with a gabled roof. The roof is labeled "GALVALUME METAL ROOF". The upper portion of the exterior walls is labeled "PRE-FINISHED METAL PANELS "COLOR B"". The lower portion is labeled "PRE-FINISHED METAL PANELS "COLOR A"". The base of the building is labeled "BRICK VENEER". A central entrance is shown with a small porch. A vertical dimension line indicates a height of "14'-0"" for the main body of the building. The text "IMMANUEL church" is prominently displayed on the left side of the upper wall section. Labels on the left side include "PRE-FINISHED METAL PANELS "COLOR B"", "PRE-FINISHED GUTTERS AND DOWNSPOUTS", "PRE-FINISHED METAL PANELS "COLOR A"", and "BRICK VENEER". A label on the right side points to the roof and says ""GALVALUME" METAL ROOF". Another label on the right side points to the upper wall and says "PRE-FINISHED METAL PANELS "COLOR B"". A vertical dimension line on the right side indicates a height of "14'-0".

Architectural elevation drawing of a building facade. The drawing includes the following labels and dimensions:

- WOOD-LOOK FIBER CEMENT SIDING
- MANUFACTURED STONE VENEER
- BRICK VENEER
- EXTERIOR INSULATION AND FINISH SYSTEM
- 12
- 2'
- 12, 1/3
- 14'-0"
- 12, 1/3
- PRE-FINISHED METAL PANELS "COLOR B"
- PRE-FINISHED GUTTERS AND DOWNSPOUTS
- PRE-FINISHED METAL PANELS "COLOR A"
- BRICK VENEER

Architectural elevation drawing of a building facade. The drawing shows a long, low building with a flat roof. The facade is composed of several materials and features:

- PRE-FINISHED METAL PANELS "COLOR B"**: Located on the upper portion of the facade, above the main window line.
- LINE OF ROOF BEYOND**: Indicated by a dashed line extending from the roofline.
- PRE-FINISHED METAL PANELS "COLOR A"**: Located on the lower portion of the facade, below the main window line.
- BRICK VENEER**: Located on the far left and right ends of the facade.
- 10'-0"**: A vertical dimension line indicating the height of the main window section.
- 14'-0"**: A vertical dimension line indicating the height of the entrance section.
- 1/3 12"**: A horizontal dimension line indicating the width of a specific section.
- INTERIOR LIGHTED SIGN GRAPHIC**: A circular sign with the letter 'I' inside, located above the entrance.
- PRE-FINISHED METAL COPINGS**: Located above the entrance section.
- EXTERIOR INSULATION AND FINISH SYSTEM**: Located on the wall above the entrance section.
- MANUFACTURED STONE VENEER**: Located on the right end of the facade, above the brick veneer.
- PRE-FINISHED METAL CANOPY**: Located above the entrance section.
- BRICK VENEER**: Located on the right end of the facade, below the stone veneer.

Architectural elevation drawing of the Immanuel Church building. The drawing shows a cross-section of the building, highlighting the roof structure and exterior finishes. Key features and materials labeled include:

- GALV. STEEL CROSS
- INTERIOR LIGHTED SIGN GRAPHIC
- PRE-FINISHED METAL COPINGS
- EXTERIOR INSULATION AND FINISH SYSTEM
- MANUFACTURED STONE VENEER
- PRE-FINISHED METAL PANELS
- WOOD-LOOK FIBER-CEMENT SIDING
- PRE-FINISHED METAL ROOFING
- ILLUMINATED SIGNAGE
- IMMANUEL church
- PRE-FINISHED METAL CANOPY
- BRICK VENEER
- PRE-FINISHED GUTTERS AND DOWNSPOUTS
- 10'-0"

PRE-FIN. GUTTERS AND DOWNSPOUTS

GALVALUME METAL ROOF 1/3:12

PARAPET w/ PRE-FIN. SNAP-ON METAL COPING

PRE-FIN. METAL CANOPY

GALVALUME METAL ROOF 1/3:12

PRE-FINISHED METAL ROOF 2:12

PRE-FIN. GUTTERS AND DOWNSPOUTS

A3	ROOF PLAN
	1/16" = 1'-0"

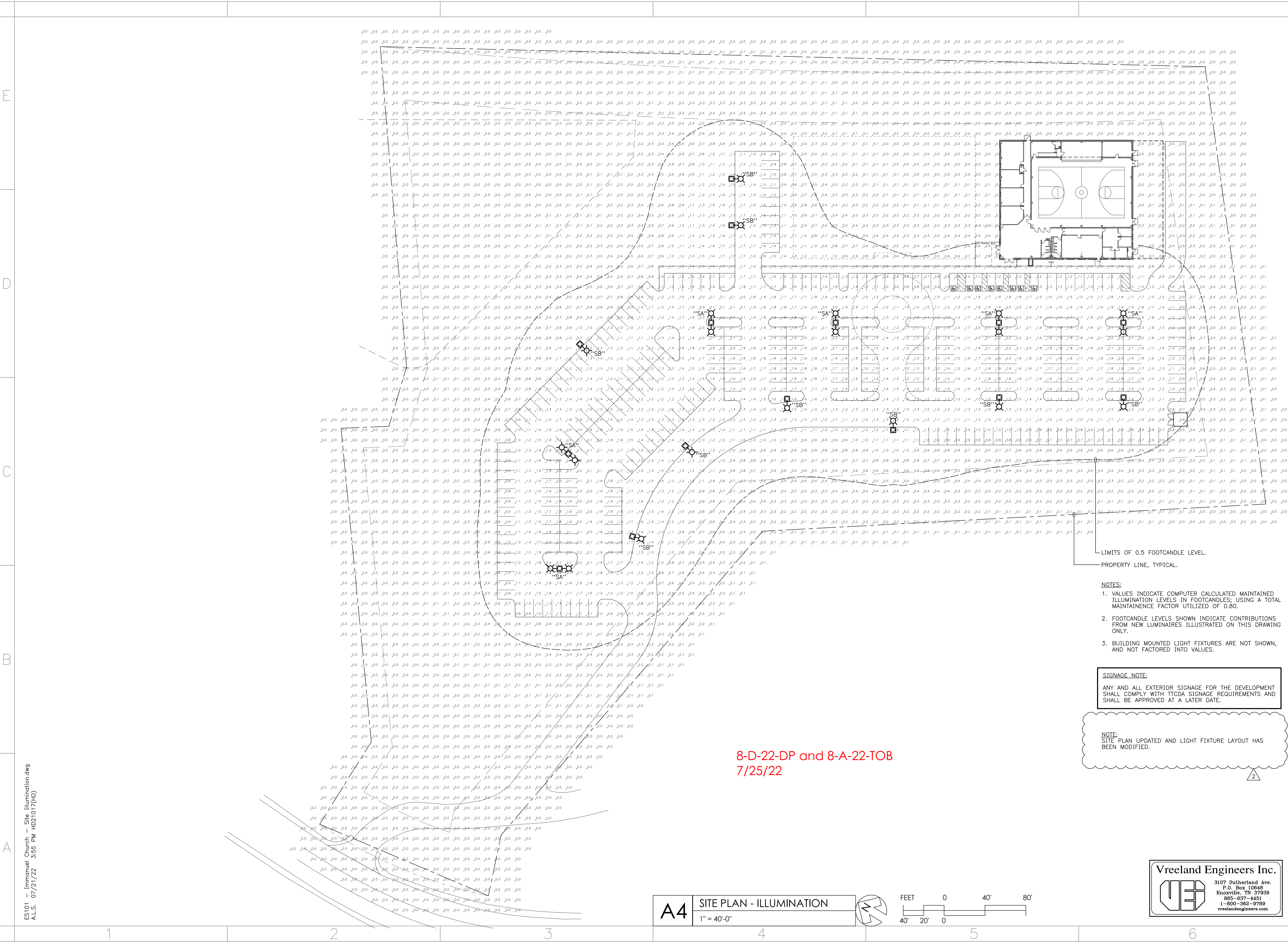
A

FRONT COLOR ELEVATION

NOT TO SCALE

6

A-201



4622 Chambliss Avenue
Knoxville, TN 37919
Phone 865.584.7868
Fax 865.584.3139
faldesco@gmail.com
© copyright 2021

HAROLD E. DAMON
GOVERNOR
1967-1971
AGRICULTURE
7-2222
COUNTY NO. 022989
STATE OF TENNESSEE

TTODA CASE # 8-D-22-TOB
TENNESSEE TECHNOLOGY
CORRIDOR DEVELOPMENT
AUTHORITY &
VISTA DEL MONTE DESIGN
DEVELOPMENT GUIDELINES

KNOX
PLANNING
3-E-21-UR_Immanuel
Church

MULTI-PURPOSE
BUILDING

IMMANUEL CHURCH
VALLEY VISTA ROAD
KNOXVILLE, TN 37932

SITE PLAN -
ILLUMINATION

AS INSTRUMENTS OF SERVICE, THESE
DRAWINGS AND THE DESIGN REPRESENTED
BY THEM ARE THE PROPERTY OF DAMON A.
FALCONNIER AND AS SUCH ARE PROTECTED
BY STATE AND FEDERAL COPYRIGHT LAWS.
REPRODUCTION OR USE OF THESE DRAWINGS
OTHER THAN FOR THE PROJECT INTENDED
WITHOUT WRITTEN CONSENT FROM DAMON A.
FALCONNIER IS PROHIBITED. UNAUTHORIZED
USE WILL BE SUBJECT TO LEGAL ACTION.

DRAWN BY:	VEI
CHECKED BY:	HD
ISSUED:	2-1-21
REVISION(S):	
△ 2-22-21	△ 6-27-22
△ 07/22/22	

FILE: 2022-049

ES-101

ES101 - Immanuel Church - Site Illumination.dwg
A.L.S. 07/21/22 3:55 PM HD21017(HD)

E

D

C

B

A

ESI02 - Immanuel Church - Schedule Details.dwg
ALLS: 07/22/22 7:57 AM HD2107(HD)

1

2

3

4

5

6

A2

LIGHTING FIXTURE CUT SHEET

NO SCALE



RSX1 LED Area Luminaire

Specifications

EPA (#400): 0.57 ft² (0.05 m²)

Length: 21.8" (55.4 cm) (SPA mount)

Width: 13.3" (33.8 cm)

Height: 3.0" (7.6 cm) Main Body
7.2" (18.4 cm) Arm

Weight: 22.0 lbs (10.0 kg)

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

RSX1 LED	P1 & P4	40K	R5	MVOLT	SPA
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide R5S Type 5 Short	MVOLT (20K-277V) ¹ HVOLT (347V-480V) ¹ XVOLT (277V-480V) ¹ (Use specific voltage for options as noted)	SPA Square pole mounting (3.0" min. 5/2 pole for 1 at 90°, 3.5" min. 5/2 pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. 9/8 pole for 1 at 90°, 3.4 at 180°, 3 at 180°) MA Mast arm adapter (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) ¹ WBA Wall bracket ¹ WASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting ⁴ AARP Adjustable tilt arm round pole mounting ⁴ AAWB Adjustable tilt arm with wall bracket ⁴ AAWSC Adjustable tilt arm wall bracket and surface conduit box ⁴

Options

Shipped Installed

HS House-side shield¹
PE Photocell, button style¹²
PEX Photocell external threaded, adjustable¹³
PEEZ Seven-wire lead-in connector (only for controls)^{13,14}
CE34 Conduit entry 3/4" NPT (Qty 2)
SF Single fuse (120, 277, 347)¹
DF Double fuse (208, 240, 480)¹
SP200V 200V surge pack (120V standard)
FAD Field adjustable output¹⁵
DMG 0-10V dimming extend out back of housing for external control (control ordered separately)¹⁶

Shipped Separately (requires some field assembly)

EGS External glare shield⁷
EGFV External glare full visor (500° around light aperture)⁷
BS Bird spikes¹⁷

Accessories

RSX1HS House-side shield (Include 1 side)
RSX1PEX PEX Photocell external threaded (Include 1 side)
RSX1PEEZ PEEZ Seven-wire lead-in connector (only for controls)
RSX1CE34 CE34 Conduit entry 3/4" NPT (Qty 2)
RSX1SF SF Single fuse (120, 277, 347)
RSX1DF DF Double fuse (208, 240, 480)
RSX1SP200V SP200V 200V surge pack (120V standard)
RSX1FAD FAD Field adjustable output
RSX1DMG DMG 0-10V dimming extend out back of housing for external control (control ordered separately)

External Shields

House Side Shield
External Glare Shield
External 360 Full Visor

Pole/Mounting Information

Accessories including bullhorns, cross arms and other adapters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit Accessories.

Round Tenon Mount - Pole Top Slipfitters

Size (in)	1/4" Tenon	3/8" Tenon	1/2" Tenon	3/4" Tenon	1" Tenon	1 1/4" Tenon	1 1/2" Tenon	2" Tenon
2-3/8"	RSX1-100	RSX1-150	RSX1-200	RSX1-250	RSX1-300	RSX1-350	RSX1-400	RSX1-450
3-1/8"	RSX1-100	RSX1-150	RSX1-200	RSX1-250	RSX1-300	RSX1-350	RSX1-400	RSX1-450
4"	RSX1-100	RSX1-150	RSX1-200	RSX1-250	RSX1-300	RSX1-350	RSX1-400	RSX1-450

Drill/Side Location by Configuration Type

Drilling Template	Mounting Options	Single	2 in 100	2 in 150	2 in 200	2 in 250	2 in 300	2 in 350	2 in 400	2 in 450
Head Location	Side B	Side B & D	Side B & C	Side B & C	Side B & C	Side B & C	Side B & C	Side B & C	Side B & C	Side B & C
HS	Drill Dimensions	DR1154S	DR1284S	DR1394S	DR1504S	DR1614S	DR1724S	DR1834S	DR1944S	DR2054S

RSX1 - Luminaire EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

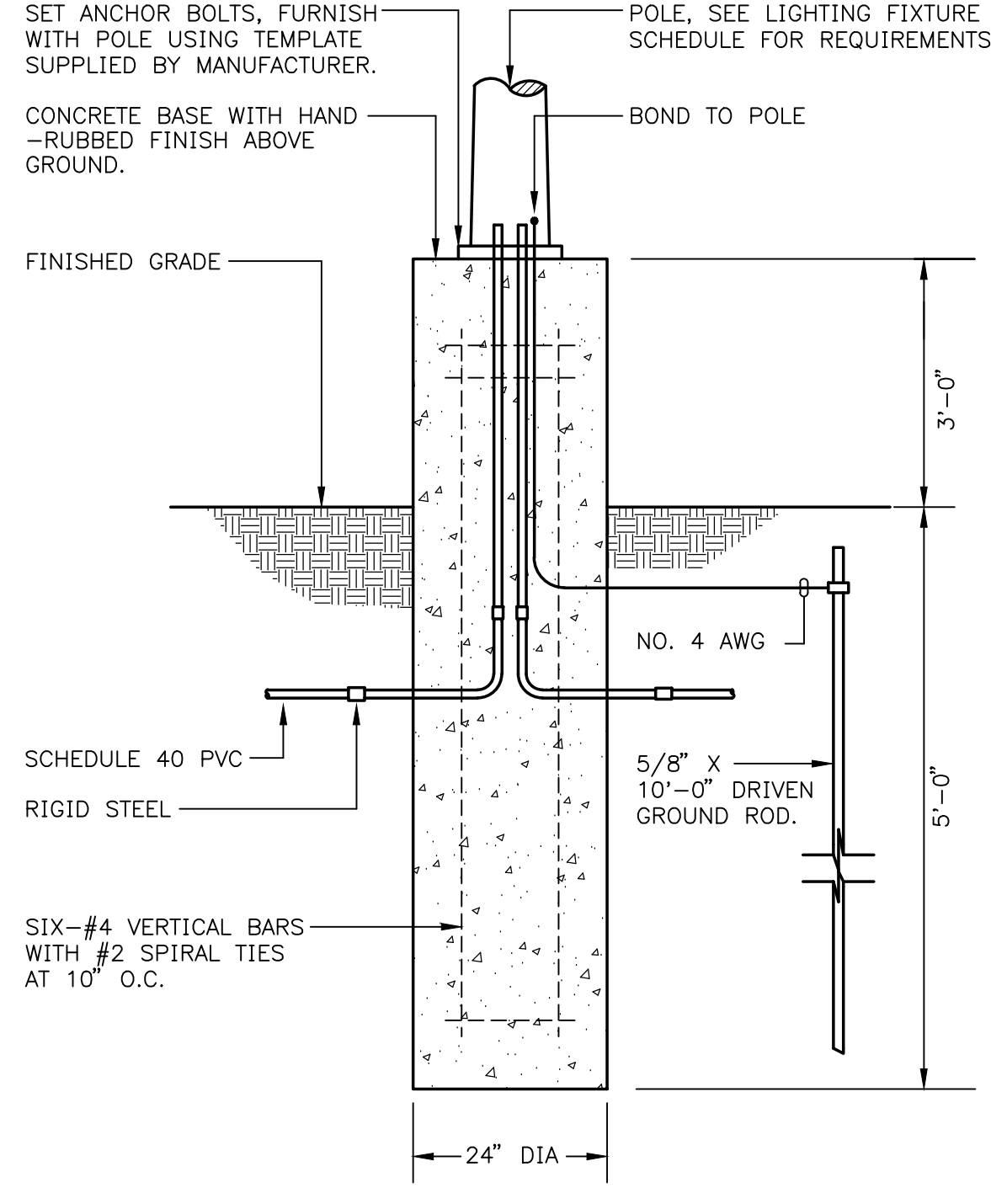
Fixtures Quantity & Mounting Configuration	Single	2 in 100	2 in 150	2 in 200	2 in 250	2 in 300	2 in 350	2 in 400	2 in 450	
SPA - Square Pole Adapter	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26	
RPA - Round Pole Adapter	0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36	
MA - Mast Arm Adapter	0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1	
IS - Integral Slipfitter	0"	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
AASP/AARP - Adjustable Arm-Square/Round Pole	10"	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03	2.71
	20"	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62	3.49
	30"	1.24	2.39	2.3	3.21	2.87	4.36	2.49	3.73	4.97
	40"	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43	7.24
	50"	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33	8.44
	60"	2.31	3.17	3.72	4.52	4.45	6.26	4.62	6.96	9.25
	70"	2.71	3.66	4.18	5.21	5.15	7.24	5.43	8.14	10.86
	80"	2.78	3.98	4.54	5.67	5.67	7.91	5.52	8.27	11.03
	90"	2.78	4.18	4.62	5.97	5.76	8.31	5.51	8.27	11.03
	100"	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18	10.97

SITE LIGHTING FIXTURE SCHEDULE

DESIGNATION	WATTS	DELIVERED LUMENS	COLOR	TEMPERATURE	POLE DESCRIPTION: MATERIAL, SHAPE,				HEIGHT ABOVE FINISHED GRADE	DESCRIPTION: SHIELDING, TYPE MATERIALS, FINISH, MOUNTING	MANUFACTURER'S PRODUCT ITEM			REMARKS
					STEEL	ROUND	SQUARE	COMPANY			POLE CATALOG NO.	LUMINAIRE CATALOG NO.		
S A	133 EACH	16,796	4000	•			•	30 FT.	DIE-CAST ALUMINUM, L.E.D., TYPE V DISTRIBUTION, ARM MOUNTED, 2 @ 180°	LITHONIA	SSA-27-DM28AS-DDBXD	RSX1LED-P4-40K-R5-MVOLT-SPA-DDBXD	DARK BRONZE FINISH "DDBXD"	
S B	133	16,796	4000	•			•	30 FT.	DIE-CAST ALUMINUM, L.E.D., TYPE V DISTRIBUTION, ARM MOUNTED	LITHONIA	SSA-27-DM19AS-DDBXD	RSX1LED-P4-40K-R5-MVOLT-SPA-DDBXD	DARK BRONZE FINISH "DDBXD"	

SITE LIGHTING FIXTURE SCHEDULE

NO SCALE



SET ANCHOR BOLTS, FURNISH WITH POLE USING TEMPLATE SUPPLIED BY MANUFACTURER.

CONCRETE BASE WITH HAND-RUBBED FINISH ABOVE GROUND.

FINISHED GRADE

SCHEDULE 40 PVC RIGID STEEL

SIX-#4 VERTICAL BARS WITH #2 SPIRAL TIES AT 10" O.C.

POLE, SEE LIGHTING FIXTURE SCHEDULE FOR REQUIREMENTS.

BOND TO POLE

NO. 4 AWG

5/8" X 10'-0" DRIVEN GROUND ROD.

24" DIA

3'-0"

5'-0"

B4

POLE BASE DETAIL

NO SCALE

8-D-22-DP and 8-A-22-TOB

7/25/22

NOTE: SHEET RE-ISSUED TO COMPLETE SET.

Freeland Engineers Inc.

3107 Sutherland Ave.
P.O. Box 10648
Knoxville, TN 37939
865-697-4451
1-800-362-9789
freelandengineers.com

DRAWN BY: VEI
CHECKED BY: HD
ISSUED: 2-1-21
REVISION(S):
2-22-21
6-27-22
07/22/22

FILE: 2022-049

TCDA CASE # 8-D-22-TOB
TENNESSEE TECHNOLOGY
CORRIDOR DEVELOPMENT
AUTHORITY &
VISTA DEL MONTE DESIGN
DEVELOPMENT GUIDELINES

KNOX
PLANNING
3-E-21-UR_Immanuel
Church

MULTI-PURPOSE
BUILDING

IMMANUEL CHURCH
VALLEY VISTA ROAD
KNOXVILLE, TN 37932

SCHEDULE,
DETAILS

AS INSTRUMENTS OF SERVICE, THESE
DRAWINGS AND THE DESIGN REPRESENTED
BY THEM ARE THE PROPERTY OF DAMON A.
FALCONNIER AND AS SUCH ARE PROTECTED
BY STATE AND FEDERAL COPYRIGHT LAWS.
REPRODUCTION OR USE OF THESE DRAWINGS
OTHER THAN FOR THE PROJECT INTENDED
WITHOUT WRITTEN CONSENT FROM DAMON A.
FALCONNIER IS PROHIBITED. UNAUTHORIZED
USE WILL BE SUBJECT TO LEGAL ACTION.

DRAWN BY: VEI
CHECKED BY: HD
ISSUED: 2-1-21
REVISION(S):
2-22-21
6-27-22
07/22/22

FILE: 2022-049

ES-102

4622 Chambliss Avenue
Knoxville, TN 37919
Phone 865.584.7868
Fax 865.584.3139
falDESCO@gmail.com
© copyright 2021

TCDA CASE # 8-D-22-TOB
TENNESSEE TECHNOLOGY
CORRIDOR DEVELOPMENT
AUTHORITY &
VISTA DEL MONTE DESIGN
DEVELOPMENT GUIDELINES

KNOX
PLANNING
3-E-21-UR_Immanuel
Church

MULTI-PURPOSE
BUILDING

IMMANUEL CHURCH
VALLEY VISTA ROAD
KNOXVILLE, TN 37932

SCHEDULE,
DETAILS

AS INSTRUMENTS OF SERVICE, THESE
DRAWINGS AND THE DESIGN REPRESENTED
BY THEM ARE THE PROPERTY OF DAMON A.
FALCONNIER AND AS SUCH ARE PROTECTED
BY STATE AND FEDERAL COPYRIGHT LAWS.
REPRODUCTION OR USE OF THESE DRAWINGS
OTHER THAN FOR THE PROJECT INTENDED
WITHOUT WRITTEN CONSENT FROM DAMON A.
FALCONNIER IS PROHIBITED. UNAUTHORIZED
USE WILL BE SUBJECT TO LEGAL ACTION.

DRAWN BY: VEI
CHECKED BY: HD
ISSUED: 2-1-21
REVISION(S):
2-22-21
6-27-22
07/22/22

FILE: 2022-049

ES-102