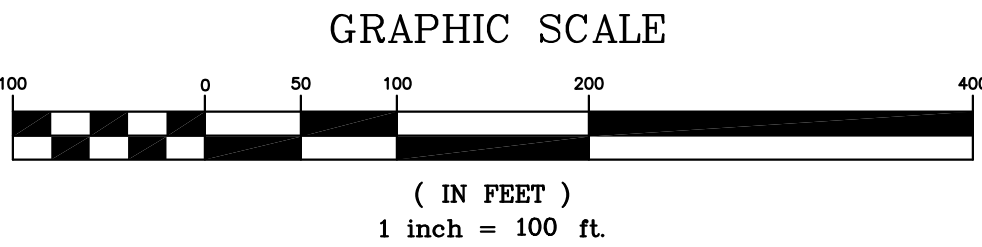


- General Notes**
1. The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records and where possible measurements taken in the field. This information is not to be relied upon as being exact or complete. The contractor must call Tennessee One Call and any utility that does not subscribe to One Call at least 72 hours before any excavation, to request exact field location of the utilities. It shall be the responsibility of the contractor to relocate all existing utilities which conflict with the proposed improvements shown on the plans.
 2. Owner: Faith Promise Church
10740 Faith Promise Lane
Knoxville, Tennessee 37931
Ph. 865-251-2590

Operations Building
10770 Faith Promise Lane
Knoxville, Tennessee 37931
 3. Survey by: Land Development Solutions
310 Simmons Road, Suite K
Knoxville, TN 37922
Ph. 865-671-2281
 4. Property is located in Knox County and is zoned BP & TO.
 5. Lot acreage = Approx 60.7 acres.
 6. TTCDA approved church parking, meeting date 12/06/2010, 1247 total spaces (including 27 accessible)
Operations Building Parking - 108 Spaces (including 2 accessible)
 7. Ground Area Coverage (GAC) = 80,119 sf / 2,613,600 sf = 3.1% < 25%
 8. Floor Area Ratio (FAR) = 124,702 sf / 2,613,600 sf = 4.8% < 30%
 9. Impervious Area Ratio (IAR) = 725,836 sf / 2,616,600 sf = 27.7% < 70%

2-A-19-UR



310 SIMMONS RD., SUITE K-KNOXVILLE, TENNESSEE 37922
PH. 865-671-2281

Drawing Description:

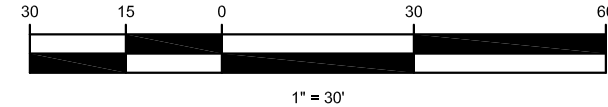
Entire Site Layout

No.	Date	Revision

Use on Review

Drawn By	CDB
Checked	EJB
Approved	EJB
Job No.	218131
1"=100' Scale	11-29-18 Date

C001
Sheet No.



1. The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records and where possible measurements taken in the field. This information is not to be relied upon as being exact or complete. The contractor must call Tennessee One Call and any utility that does not subscribe to One Call at least 72 hours before any excavation, to request exact field location of the utilities. It shall be the responsibility of the contractor to relocate all existing utilities which conflict with the proposed improvements shown on the plans.
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4. Property is located in Knox County and is zoned BP & TO.
5. Lot acreage = Approx 60.7 acres.
6. TTCDA approved church parking, meeting date 12/06/2010, 1247 total spaces (including 27 accessible)
7. Operations Building
Parking Allowed - 108 Spaces including 2 H/C spaces
Parking Provided - 108 Spaces including 2 H/C spaces

7. Operations Building
Parking Allowed - 108 Spaces including 2 H/C spaces
Parking Provided - 108 Spaces including 2 H/C space



*LAND
DEVELOPMENT
SOLUTIONS*

310 SIMMONS RD., SUITE K-KNOXVILLE, TENNESSEE 37923
PH. 865-671-2281

Drawing Description:

Revision

Drawn By	CDB
Checked	EJB
Approved	EJB
Job No.	218131
1"=30' Scale	11-29-18 Date

C101

Sheet No.

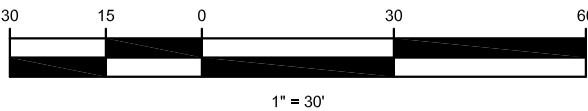



- ### General Notes
- The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records and where possible measurements taken in the field. This information is not to be relied upon as being exact or complete. The contractor must call Tennessee One Call and any utility that does not subscribe to One Call at least 72 hours before any excavation, to request exact field location of the utilities. It shall be the responsibility of the contractor to relocate all existing utilities which conflict with the proposed improvements shown on the plans.
 - Owner:**
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10740 Faith Promise Lane
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Operations Building
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Knoxville, Tennessee 37931
 - Survey by:**
Land Development Solutions
310 Simmons Road, Suite K
Knoxville, TN 37922
Ph. 865-671-2281
 - Property is located in Knox County and is zoned BP & TO.
 - Lot acreage = Approx 60.7 acres.
 - TTODA approved church parking, meeting date 12/06/2010, 1247 total spaces (including 27 accessible)
 - Operations Building**
Parking Allowed - 108 Spaces including 2 H/C spaces
Parking Provided - 108 Spaces including 2 H/C spaces

- ### Drainage Notes
- All storm lines in paved areas shall be backfilled to pavement subgrade with #57 stone.
 - All trenching and shoring shall comply with OSHA standards.
 - Storm lines and structures shall be constructed as soon as possible. Inlet Protection shall be used around structures to minimize the silt entering into drainage system. All silt shall be removed from structures and lines.
 - Pipe lengths and slope are measured from center of structure to center of structure.
 - All HDPE storm lines shall be smooth interior.
 - Contractor shall provide as-built survey of storm system PRIOR to paving. As-built survey shall include storm structure tops, inverts, pipe materials, slopes, and detention basin grading (1 foot contours). Survey shall be provided in electronic format (ACAD 2009 compatible) as well as stamped paper copy. Survey shall be on the same datum as coordinate system as the design plans. All survey points shall be provided in a comma delimited text file (PNEZD format).
 - After construction is complete, contractor shall provide as-built survey as noted above. Survey shall be updated to reflect any changes or modifications to the storm system since the first as-built survey. As-built survey shall include storm structure tops, inverts, pipe materials, slopes, and detention basin grading (1 foot contours). Survey shall be provided in electronic format (ACAD 2009 compatible) as well as stamped paper copy. Survey shall be on the same datum as coordinate system as the design plans. All survey points shall be provided in a comma delimited text file (PNEZD format).

2-A-19-UR



**faithpromise**
CHURCH

**LAND
DEVELOPMENT
SOLUTIONS**

310 SIMMONS RD., SUITE K-KNOXVILLE, TENNESSEE 37922
PH. 865-671-2281

Drawing Description:

Revision

No.

Date

No.

Date

No.

Date

No.

Date

Use
on
Review

Drawn By CDB
Checked EJB
Approved EJB
Job No. 218131
1"=30' 11-29-18
Scale Date

C201
Sheet No.

- This plan meets and exceeds the requirements as described under the TTCDA, section 3, 'Landscaping' requirements.

3.1.4 requires 25% newly planted trees to be evergreen. This plan provides (14) trees of which (4) are evergreen, achieving 29% evergreen trees.

3.1.5 requires 10 large maturing trees per 1 acre of yard. There is approximately 56,049 square feet (1.29 acres) of yard. $10 \times .56 = 12.9$ required large trees. This plan proposes (14) large trees (5 Willow Oak, 1 Lacebark Elm, 4 London Plane Tree, and 4 Magnolia).

3.1.6, no invasive exotic species have been proposed

3.3.6 requires landscaping to screen mechanical units. Sufficient landscape screening has been proposed and labeled.

3.4.1, no parking areas are adjacent to public right of ways

3.4.3 requires (1) tree per (10) parking spaces. There are 108 proposed parking spaces. $\frac{108}{10} = 10.8$ trees required. This plan provides (14) trees, only 11 required.













3.4.4 requires no less than 5% of the surface area devoted to parking to be landscaped. The proposed parking area is approximately 29,155 square feet. 5% of 29,155 = 1457 square feet. This plan provides approximately 3,463 square feet of shrubbery and bedding plants, and approximately 52,586 square feet of lawn adjacent to the parking area and building.

3.4.5, all proposed tree species are included in the recommended tree list (Appendix B)

3.3.7 requires that no parking space be located more than 60 feet from the trunk of a larger canopy tree. See note on plan. All proposed parking spaces are within 60' of a large tree.

- There are no existing trees on site.



(A)		(5) <i>Quercus phellos</i> , Willow Oak - 2" caliper	(E)		(4) <i>Lagerstroemia indica x fauriei</i> 'Natchez', Natchez Crape Myrtle - 15 gallon	(I)		(36) <i>Itea virginica</i> 'Sprich', Little Henry Itca - 3 gallon
(B)		(4) <i>Platanus x acerifolia</i> , London Plane Tree - 2" caliper	(F)		(2) <i>Cercis canadensis</i> 'JN2', The Rising Sun Redbud - 2" caliper	(J)		(14) <i>Rosa</i> 'Meigalpio', Drift Rose, pink - 3 gallon
(C)		(1) <i>Ulmus parvifolia</i> , Lacebark Elm - 2" caliper	(G)		(8) <i>Ilex x Nellie R. Stevens</i> , Nellie R. Stevens Holly - 6' height	(K)		(10) <i>Ilex glabra</i> 'Shamrock', Inkberry Holly - 3 gallon
(D)		(4) <i>Pinus strobus</i> , White Pine - 6' height	(H)		(24) <i>Jasminum nudiflorum</i> , Winter Jasmine - 3 gallon	(L)		(55) <i>Liriope muscari</i> 'Royale Purple', Royal Purple Lily Turf - pint

Planting Legend

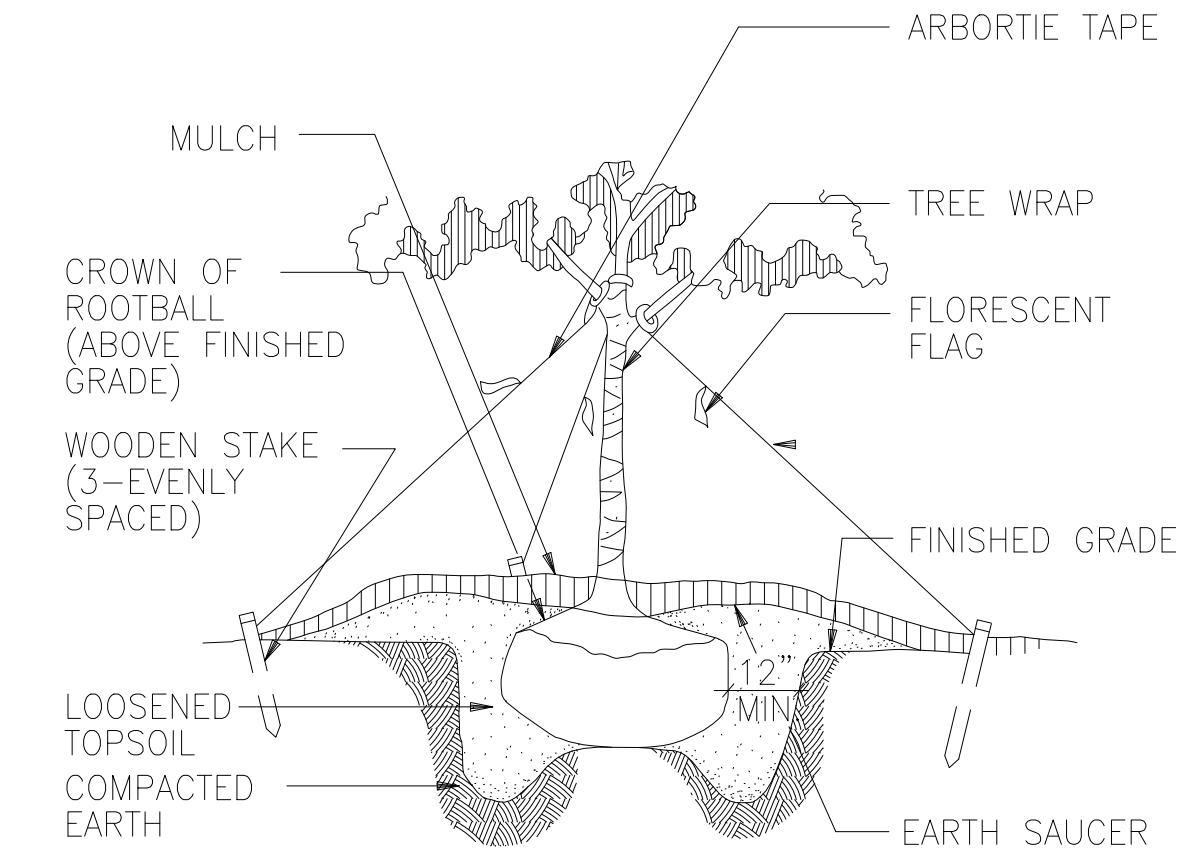
2-A-19-UR

The seal is circular with a double-lined border. The outer ring contains the text "PATRICK D. BEASLEY" at the top and "LANDSCAPE ARCHITECT" at the bottom. The inner circle features the word "REGISTERED" at the top, "AGRICULTURE" in the middle, and "COMMERCE" at the bottom. In the center is a stylized illustration of a landscape with a tree, a building, and a body of water. At the very bottom of the inner circle, it reads "TENNESSEE NO. 0000084".

Patricia Bennett
11-30-2018

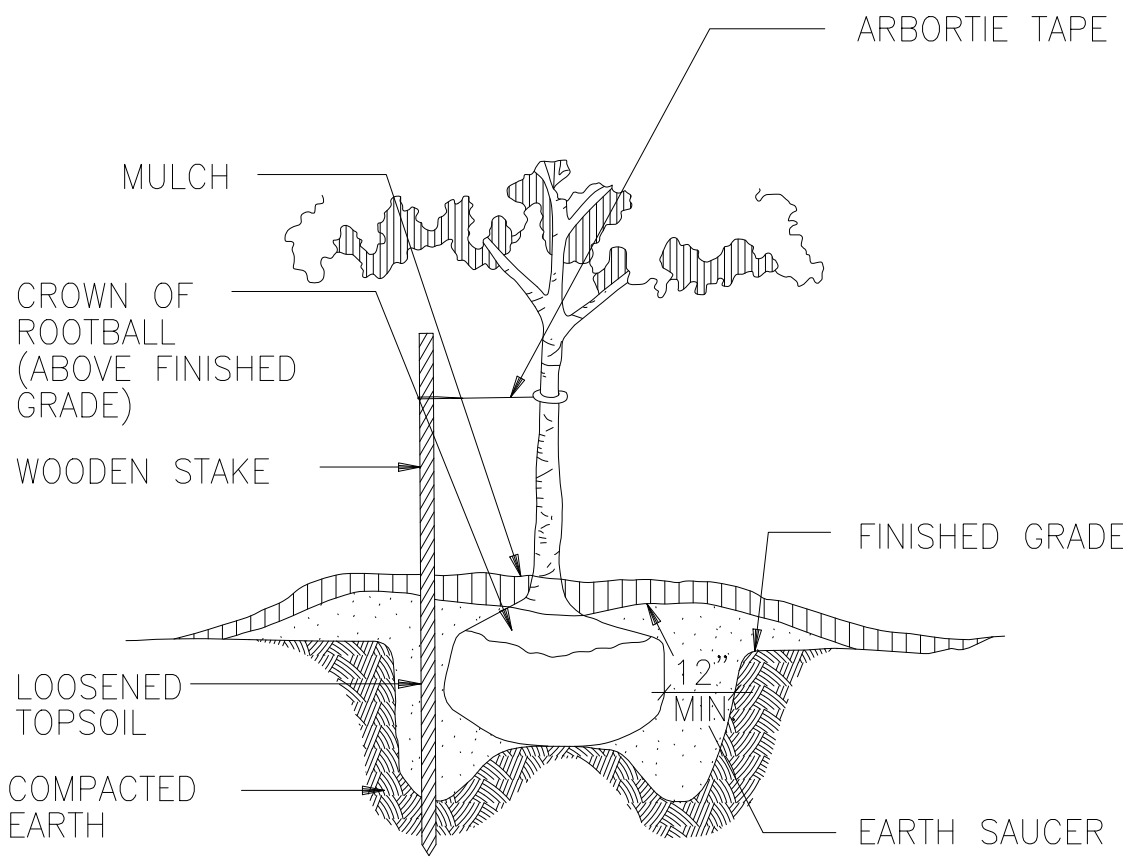
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Date: 11/30/2018 3:27:20 PM
Drawn By: PB
Checked By: PB
File:



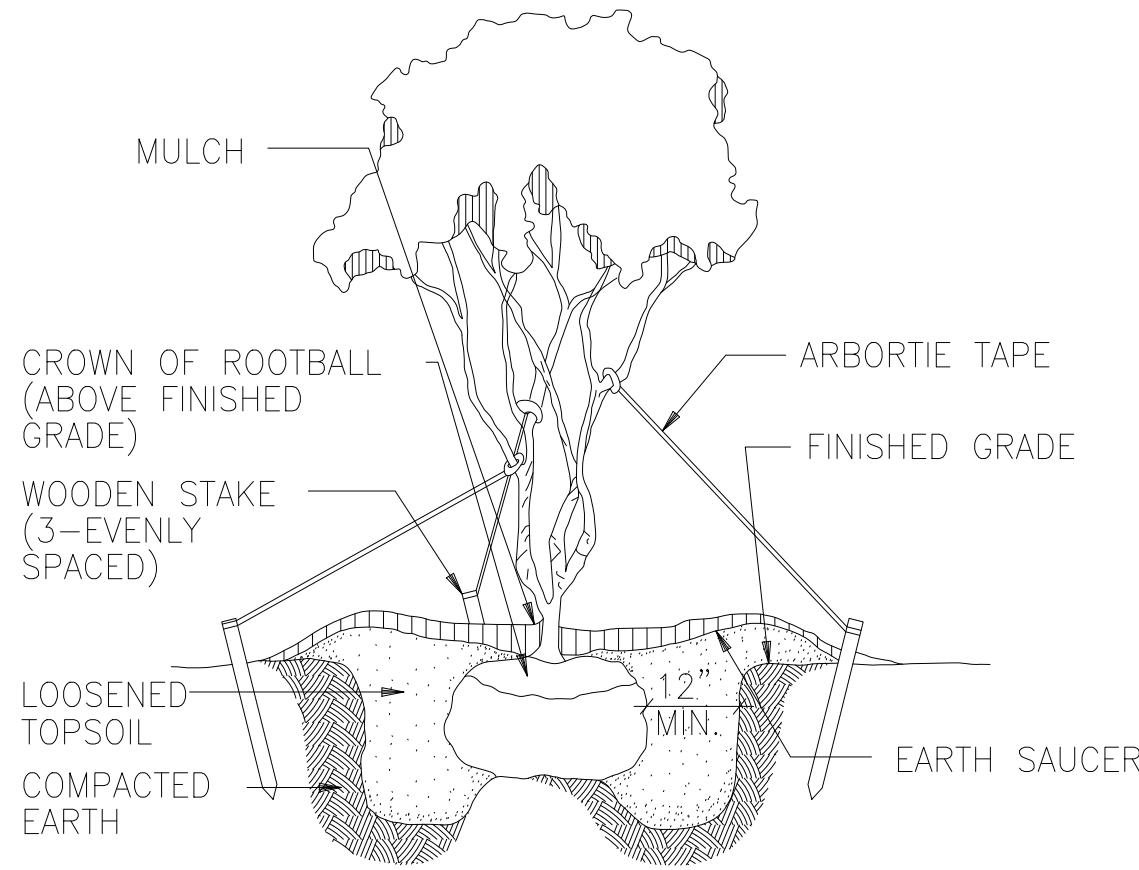
TREE PLANTING

N.T.S.



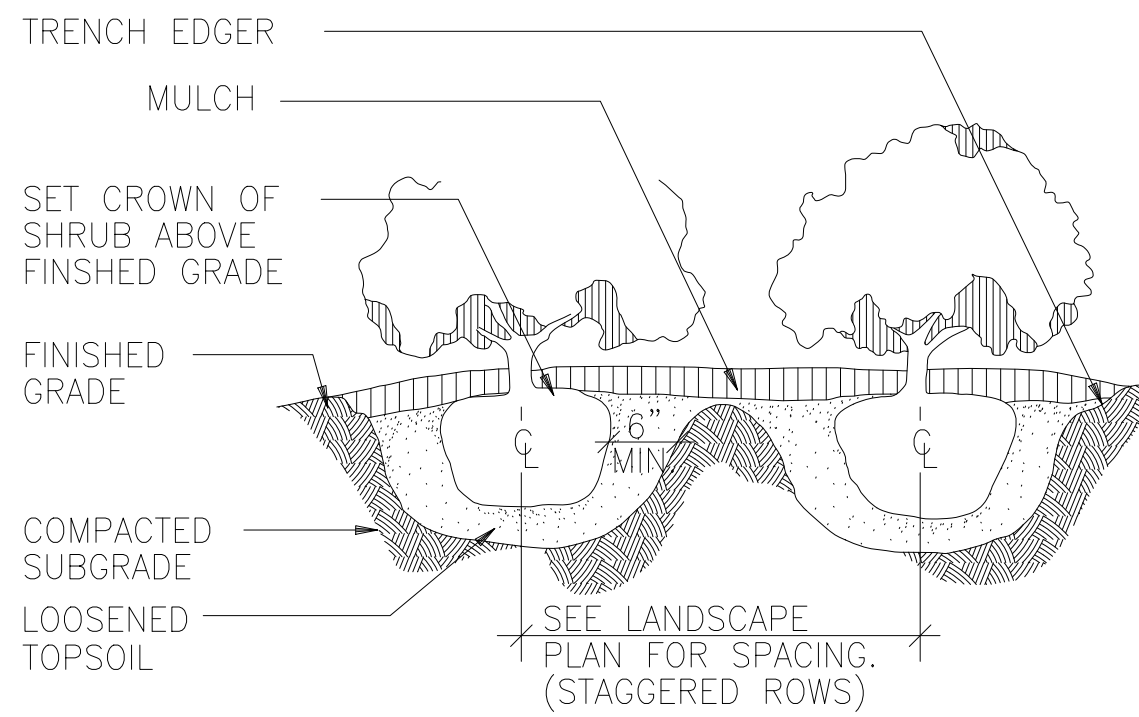
PINE OR SMALL TREE PLANTING

N.T.S.



MULTI-TRUNK TREE PLANTING

N.T.S.



SHRUB PLANTING

N.T.S.

PLANTING NOTES

SECTION I : GENERAL

CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE INSPECTION PRIOR TO LANDSCAPE CONSTRUCTION AND INSTALLATION IN ORDER TO ACQUAINT HIMSELF WITH EXISTING CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES BEFORE BEGINNING CONSTRUCTION. PRIOR TO SUBMITTING A BID, VERIFY ANY DISCREPANCIES BETWEEN THE NOTES, SPECIFICATIONS, DRAWINGS, OR SITE CONDITIONS WITH THE LANDSCAPE ARCHITECT.

CONTRACTOR SHALL COMPLETE SOIL TEST IN ALL PLANTING AREAS TO DETERMINE SOIL AMENDMENT REQUIREMENTS AND SUBMIT TEST RESULTS TO LANDSCAPE ARCHITECT FOR APPROVAL. CONTRACTOR SHALL ADJUST PH AND FERTILITY BASED UPON THESE RESULTS. NO ADDITION TO OR PLACEMENT OF SOIL IS TO BE DONE PRIOR TO INITIAL SOIL TEST REPORT APPROVAL. TESTING SHALL BE DONE BY SUITABLE LABORATORY. NO PLANTING SHALL BEGIN UNTIL RESULTS AND PROPER ADJUSTMENT HAVE BEEN MADE.

SOME TREES AND SPECIMEN PLANT MATERIAL MAY BE SUPPLIED BY OWNER. VERIFY WITH OWNER.

CONTRACTOR SHALL LAYOUT TREES AND BED LINES FOR PLANTS FOR REVIEW BY LANDSCAPE ARCHITECT PRIOR TO PLANTING. A MINIMUM 24 HOURS NOTICE SHOULD BE GIVEN AND ANTICIPATED BY THE CONTRACTOR FOR THIS REVIEW.

DUE TO EXISTING VEGETATION AND OTHER SITE CONDITIONS, THE CONTRACTOR SHOULD ANTICIPATE FIELD ADJUSTMENTS BY THE LANDSCAPE ARCHITECT.

CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR ONE FULL YEAR (SOD 60 DAYS) FROM DATE OF FINAL ACCEPTANCE.

LANDSCAPE CONTRACTOR RESPONSIBLE FOR VERIFYING PLANT QUANTITY TAKE OFFS.

SECTION II : MATERIALS

PLANTS SHALL BE WELL FORMED, VIGOROUS, GROWING SPECIMENS WITH GROWTH TYPICAL OR VARIETIES SPECIFIED AND SHALL BE FREE FROM INJURY, INSECTS AND DISEASES. PLANTS SHALL EQUAL OR SURPASS #1 QUALITY AS DEFINED IN THE CURRENT ISSUE OF "AMERICAN STANDARDS FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN NURSERYMEN, INC.

ALL PLANT MATERIALS ARE SUBJECT TO APPROVAL OR REFUSAL BY THE LANDSCAPE ARCHITECT AT THE JOB SITE. ALL MATERIAL REJECTED SHALL BE REMOVED FROM THE PROJECT SITE AT NO ADDITIONAL COST TO THE OWNER.

ALL PLANT MATERIAL IS TO BE CAREFULLY HANDLED BY THE ROOT BALL, NOT THE TRUNK, BRANCHES, AND/OR FOILAGE OF THE PLANT. MISHANDLED PLANT MATERIAL MAY BE REJECTED.

ALL PLANT MATERIAL IS TO BE WELL ROOTED, NOT ROOT BOUND, SUCH THAT THE ROOT BALL REMAINS INTACT THROUGHOUT THE PLANTING PROCESS. REJECT ALL CRACKED ROOTBALLS.

SECTION III : EXECUTION

ALL TREES SHALL BE STAKED AND GUYED ON THREE SIDES. SEE DETAIL. BACK ROW OF SHRUBS SHALL BE PLANTED AT 36" FROM FACE OF BUILDING WALL. GROUNDCOVERS SHALL BE 12" OUT FROM BUILDING AS REQUIRED BY PLANT SPECIFICATIONS.

FRONT ROW OF SHRUBS SHALL BE PLANTED A MINIMUM OF 24" BEHIND (12" FOR GROUND COVER) BED LINE @ LAWNS OR WALKS AND MINIMUM 36" BACK FROM DRIVEWAY AND PARKING AREAS.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING 2% MINIMUM POSITIVE DRAINAGE IN ALL PLANT AREAS.

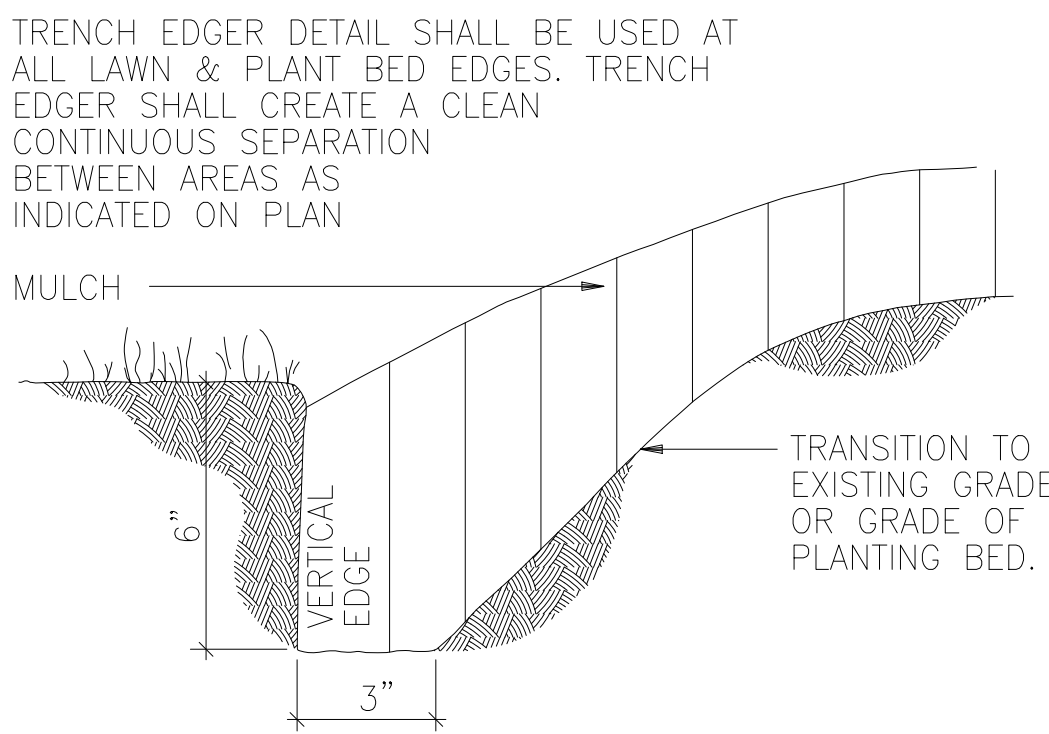
ALL PLANTING BEDS AND TREE PITS SHALL BE MULCHED WITH A 3" (AFTER SETTLEMENT) LAYER OF PINE STRAW.

EXCAVATE EDGE OF ALL PLANTING BEDS TO 2" DEPTH TO FORM A NEAT CRISP DEFINITION. SEE DETAIL.

CONTRACTOR SHALL REMOVE ALL DEBRIS AND FINE GRADE ALL AREAS FOR APPROVAL BY LANDSCAPE ARCHITECT. REMOVE ALL GUY WIRES AND STAKES AT END OF GUARANTEE PERIOD.

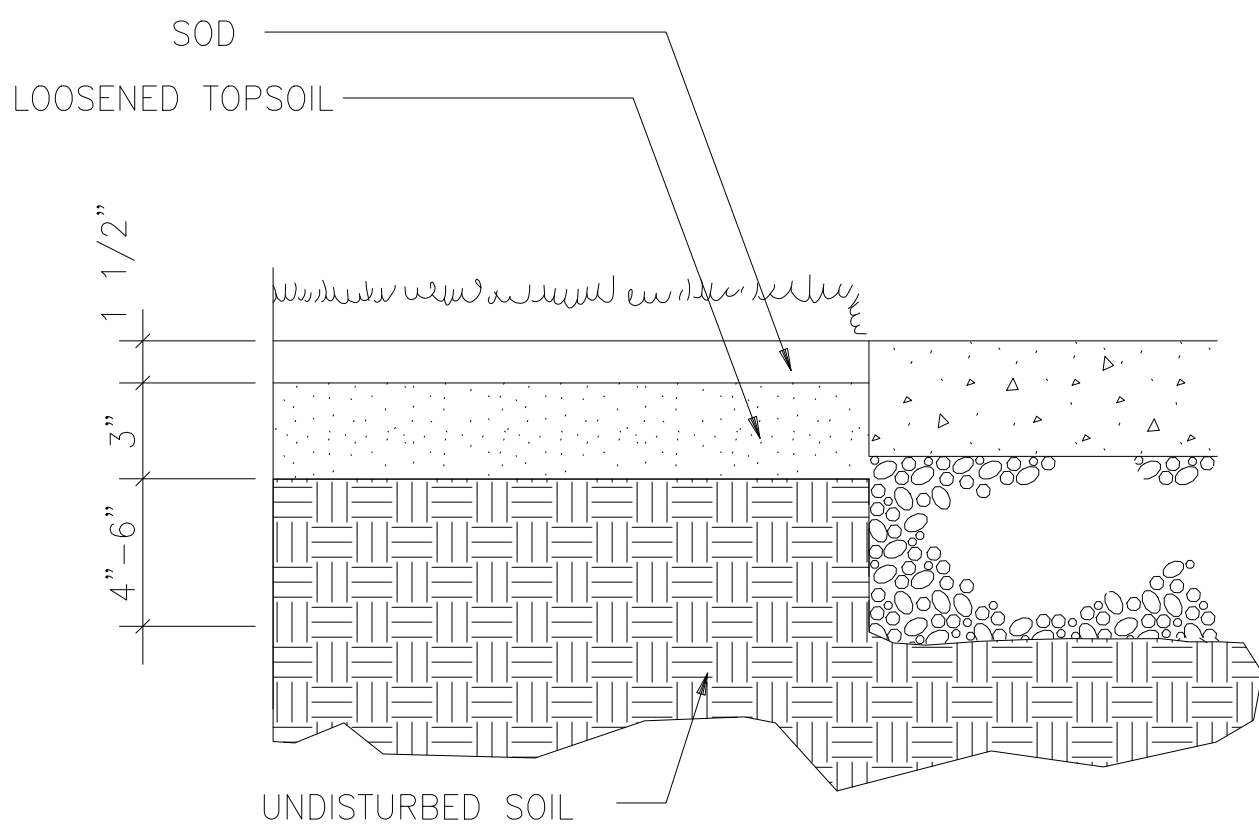
ADDITIONAL NOTES

ALL PROPOSED LANDSCAPE WILL BE MAINTAINED BY A PROFESSIONAL LANDSCAPE MAINTENANCE COMPANY TO BE SELECTED BY OWNER.



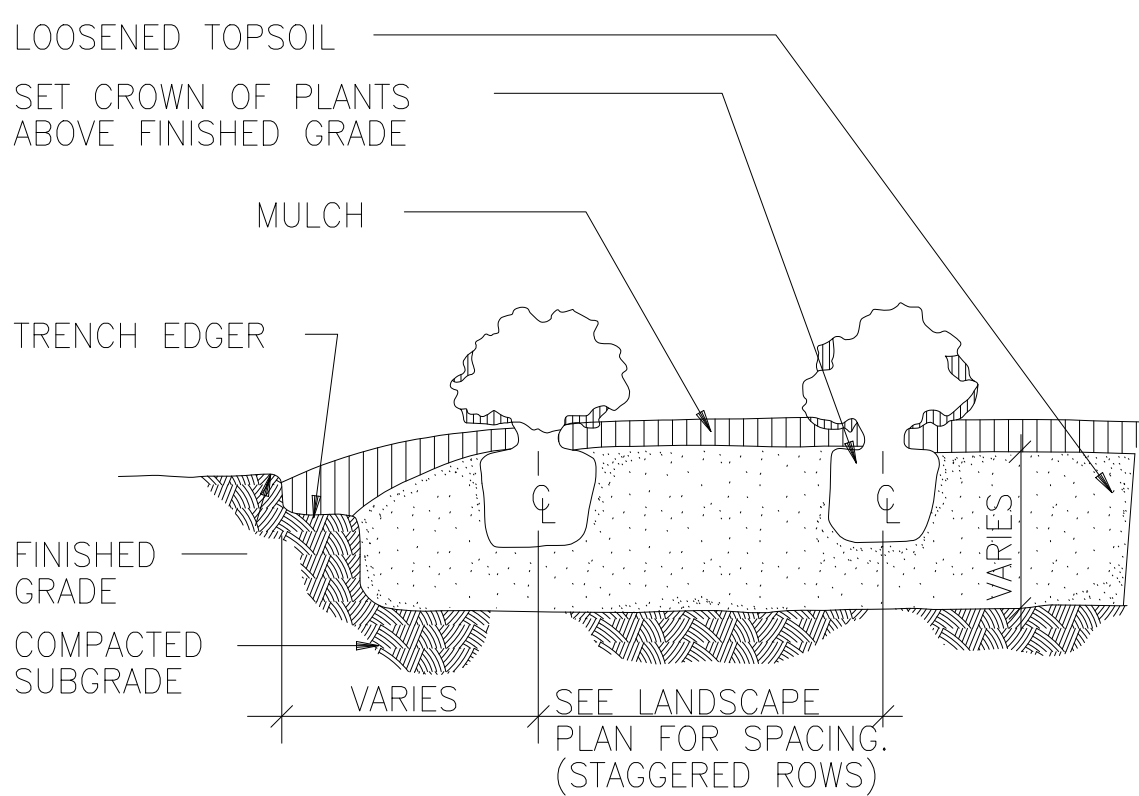
TRENCH EDGER DETAIL

N.T.S.



SOD INSTALLATION DETAIL

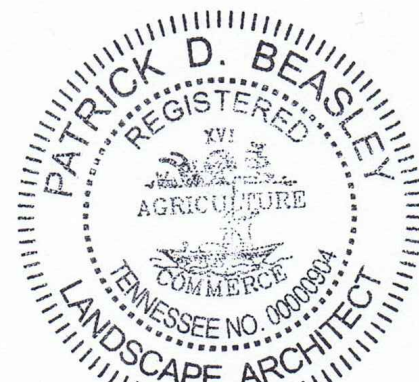
N.T.S.



SHRUB/GROUND COVER MASS PLANTING

N.T.S.

2-A-19-UR



Patrick Beasley
11-30-2018

**STUDIO
FOUR
DESIGN** INC.

ARCHITECTURE & INTERIORS

414 Clinch Ave. Knoxville, TN 37902
p 865 523-5001 f 865 523-5003
studiofourdesign.com

Faith Promise
Operations Building
10740 Faith Promise Ln
Knoxville, TN 37931

Beasley
LANDSCAPE ARCHITECTS

Project Phase: TTCD

Issue Date: 12/03/18

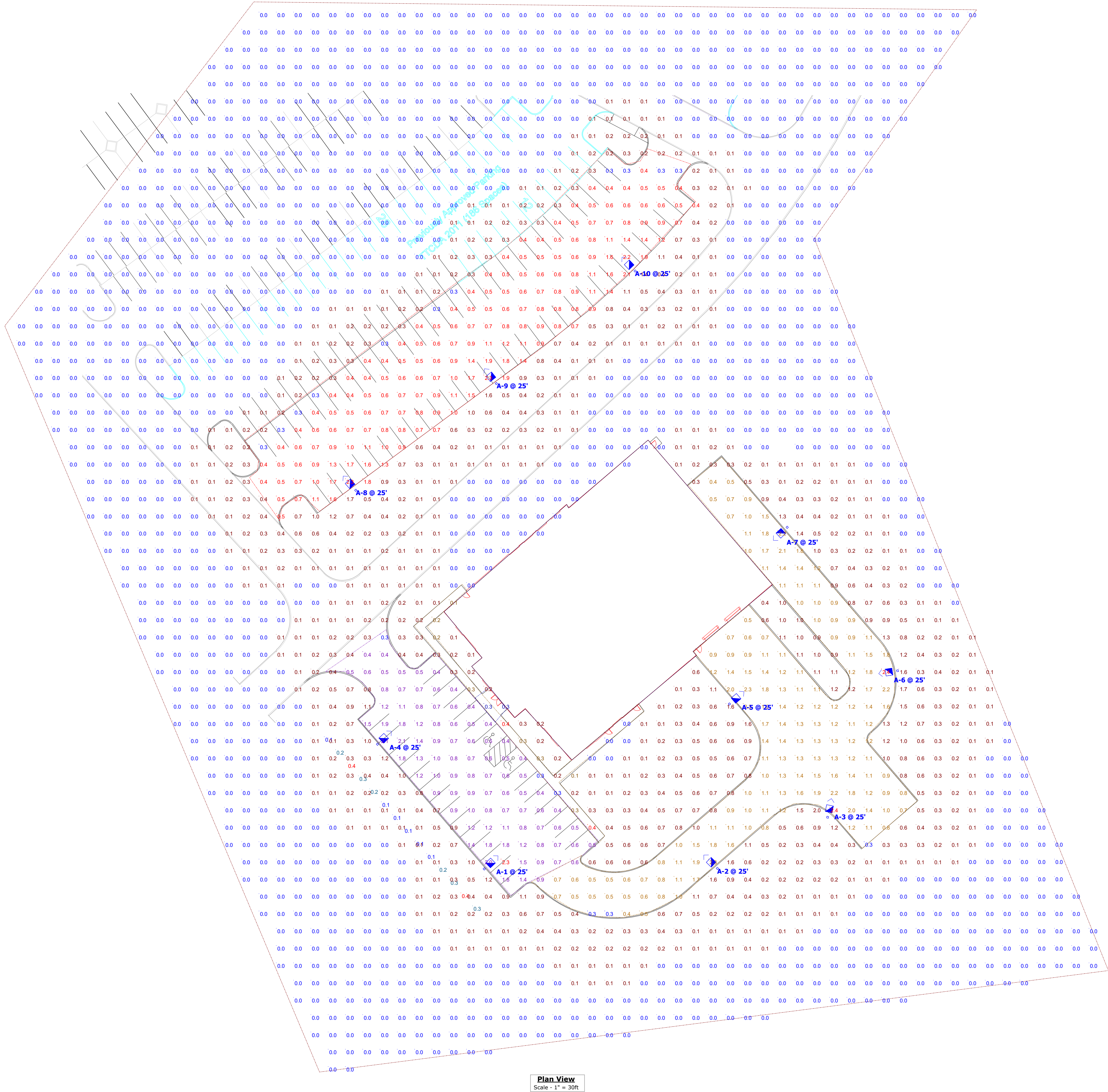
Revisions

No.	Description	Date

Job Number: 18107.00

Landscape Plan

L2.0



Disclaimer

This architectural lighting submittal is provided only for informational purposes and to the help the customer or end-user (as applicable) understand how various sections of linear fixtures connect to each other and how they mount to the ceiling. This lighting submittal is strictly based on the information provided to Acuity Brands, and is provided without warranty as to accuracy, completeness, reliability or ending but. If the information (including but not limited to floor-plans, reflected ceiling plans, electrical plans and specifications) provided to Acuity Brands is incomplete or not current (i.e., newer versions exist), the accuracy of proposed design may be adversely affected. Once this lighting submittal is received by the customer or end-user (as applicable), it is the obligation of the customer or end-user (as applicable) to consult with a professional engineering advisor to determine whether the proposed design meets the applicable project requirements for lighting system performance, code compliance, safety, suitability and effectiveness for use in a particular application. In no event will Acuity Brands be responsible for any loss resulting from any use of any information contained in this lighting submittal.

RSX1 LED
Area Luminaire

Acuity Brands

RSX1 LED

Area Luminaire

Lighting

Acuity Brands

Lighting

Color
Master

Form

Spec

Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor and an adjustable integral slip-fitter are also available.

Specifications

EPA (ft²/ft²): 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 (max): 25.0 lbs (11.3 kg)

Images

Ordering Information						EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DBBDD	
RSX1 LED		Color Temperature		Microtubulation		Mounting	
Series	Performance Package	Color Temperature	Microtubulation	Voltage	Mounting		
RSX1 LED	P1	30K 3000K	R3 Type 3 Wide	400VOLT (200V-277V) 1	SPA	Square post-mounting (Max. 1.5" (38mm) x 1.5" (38mm) at 90°, Max. 3.5" (89mm) x 1.5" (38mm) at 0°)	
	P2	40K 4000K	R4 Type 4 Wide	400VOLT (240V-480V) 2	RPA	Round post-mounting (1.7" (43mm) dia. for 1.25" (32mm) x 4" (102mm))	
	P3	50K 5000K	R5 Type 5 Wide	(Use specific voltage for options as noted)	MA	Mast arm adaptor (Max. 2" (51mm) horizontal travel)	
	P4		R5S Type 5 Short	120V 277V	IS	Adjustable slip-fitter (Max. 1.5" (38mm) x 1.5" (38mm))	
			40K	Adjustment Front Row	208V 347V		
					240V 480V	WBA	
						Wall bracket	
Options						Finish	
Shipped Installed				Shipped Installed		DBBDD	Dark Bronze
R5				*Standard Sensors Controls (factory default settings, see table page 5)		DBLDD	Black
PE				PMS		DBWDD	Neutral Aluminum
PEX				PMS		DBWDD	White
PEB7				PMS		DBWDD	Textured Dark Bronze
CEB4				*Networked Sensors Controls		DBLDD	Textured Black
SE				NL TMR2		DBWDD	Textured Natural Aluminum
SE				PMS		DBWDD	Textured White
SP200W				*Note: Sensor coverage pattern is affected when luminaire is tilted.			
FAD							
DMG							
Shipped Separately (requires some field assembly)							
EGS							
EGV							
RS							

Safety

Please note this analysis does not comply with minimal IESNA levels for parking and pedestrian safety. Acuity Brands will not be liable for any safety issues that may arise from the installation of this design.

Note

1. Readings shown are based on a total LLF of as shown at grade. Data references the extrapolated performance projections in a 25c ambient based on 10,000 hrs of LED testing (per IESNA LM-80-08 and projected per IESNA TM-21-11).

2. Please refer to the "Plan View" for mounting heights.

3. Product information can be obtained at www.lithonia.com or through your local agency.

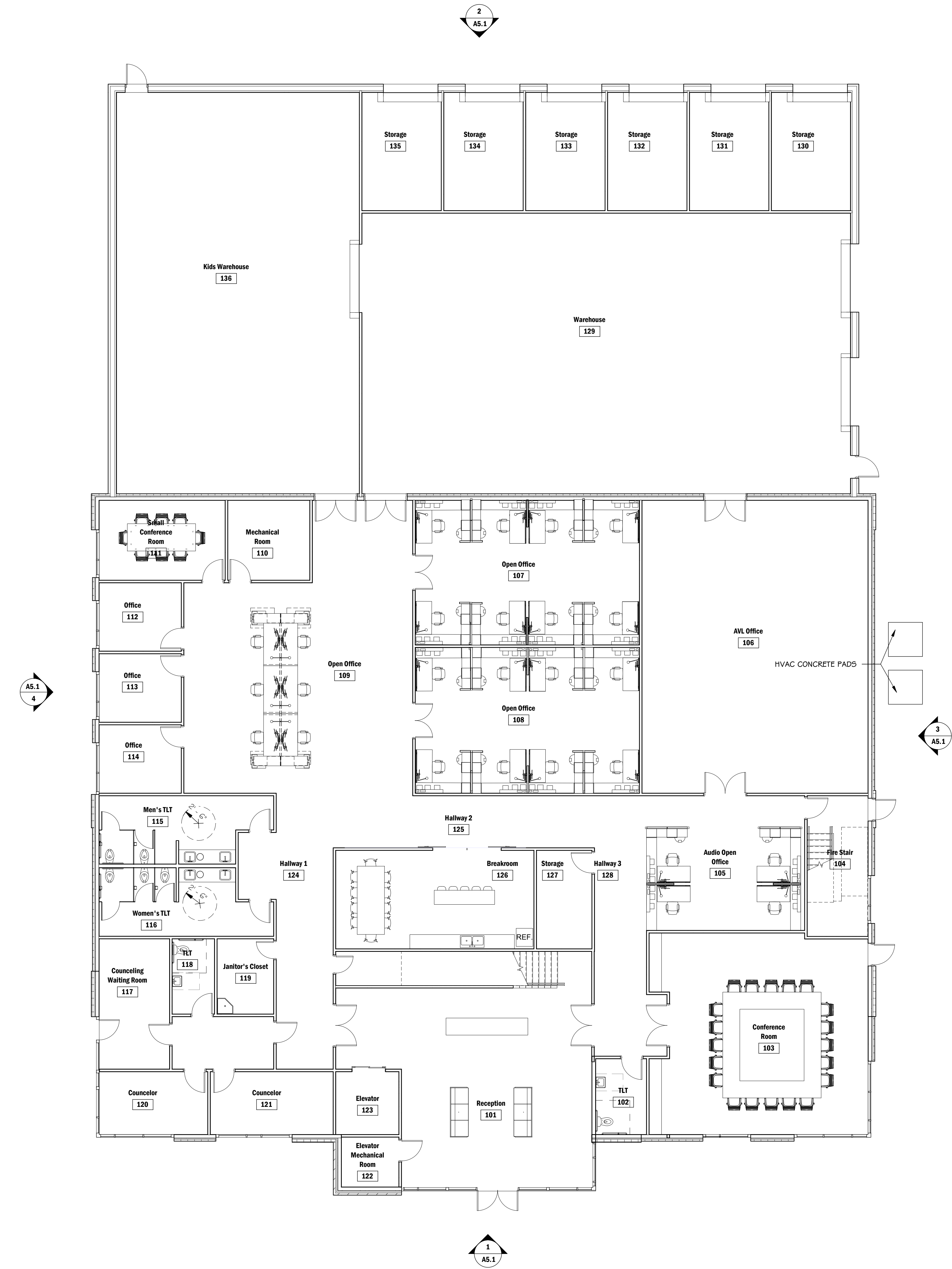
Luminaire Locations							
Location							
No.	Label	X	Y	Z	MH	Orientation	
1	A	99.75	-111.44	25.00	25.00	46.68	
2	A	234.61	-111.12	25.00	25.00	314.48	
3	A	298.35	-81.54	25.00	25.00	11.55	
4	A	38.00	-39.31	25.00	25.00	46.68	
5	A	241.56	-16.02	25.00	25.00	49.78	
6	A	338.76	3.18	25.00	25.00	261.41	
7	A	274.95	86.15	25.00	25.00	226.69	
8	A	25.50	107.56	25.00	25.00	318.28	
9	A	106.75	169.31	25.00	25.00	321.41	
10	A	187.00	234.44	25.00	25.00	316.59	

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
20' Away from Adjacent Parking	+	0.2 fc	0.4 fc	0.1 fc	4.0:1	2.0:1
Across Street Parking	■	0.8 fc	2.3 fc	0.3 fc	7.7:1	2.7:1
Adjacent Parking Lot	◇	0.9 fc	2.3 fc	0.3 fc	7.7:1	3.0:1
Building Entrance	◇	0.3 fc	0.3 fc	0.3 fc	1.0:1	1.0:1
Driveway/Dock Summary	■	1.2 fc	2.4 fc	0.3 fc	8.0:1	4.0:1
Sidewalk	□	0.2 fc	0.4 fc	0.0 fc	N/A	N/A
Spill Light Summary	+	0.2 fc	2.4 fc	0.0 fc	N/A	N/A

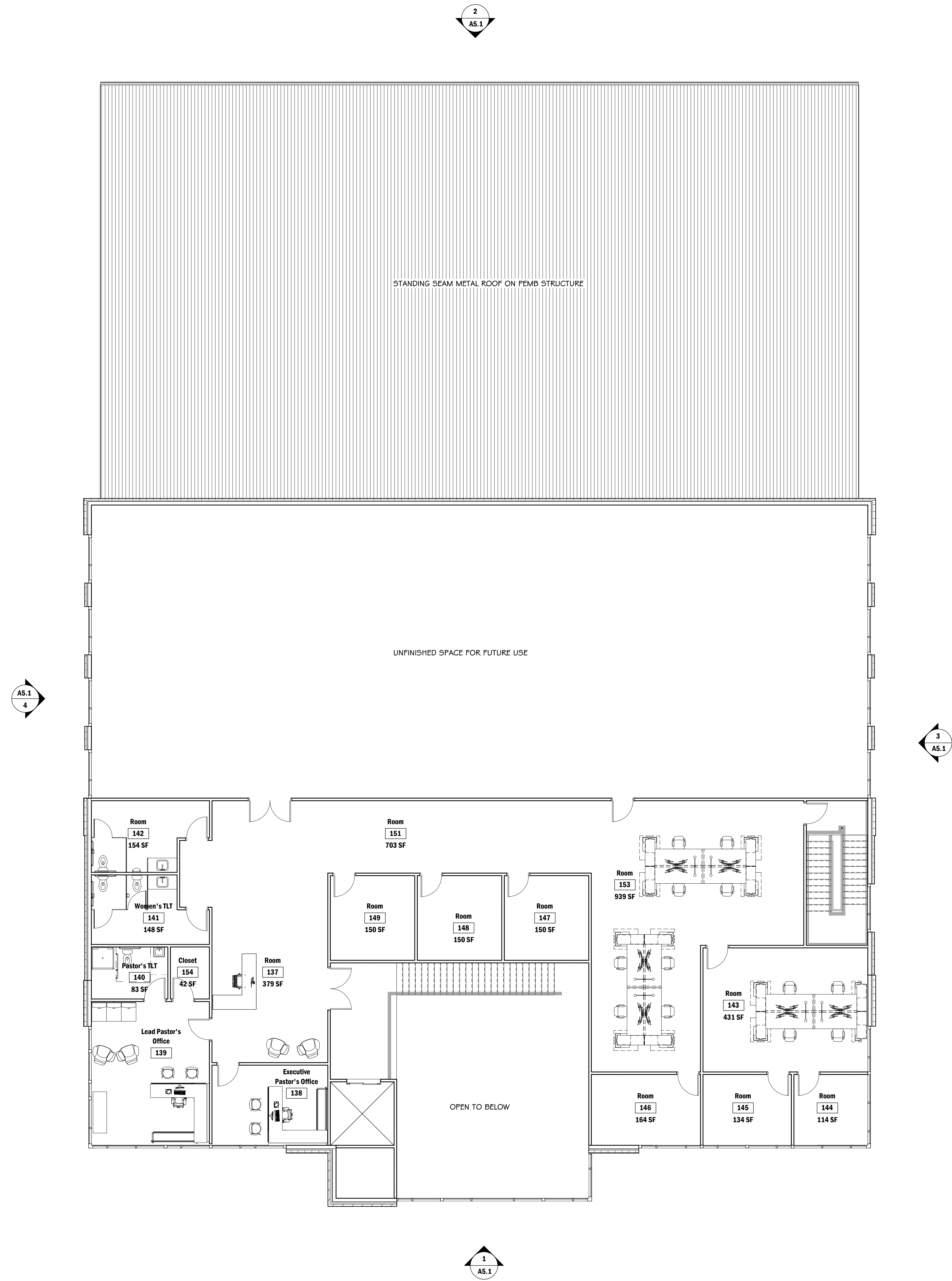
Schedule									
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp
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▲ ■ □	B	0	Lithonia Lighting	RSX1 LED P1 40K R5	RSX Area Fixture Size 1 P1 Lumen Package 4000K CCT Type R5 Distribution		1	RSX1_LED_P1_40K_R5.ies	7285

Date: 12/26/2018 10:00 AM
Drawn By: Author Checked By: Checker
File: C:\Users\mcdowd\Documents\18107.00_Faith Promise Operations Center Option 2.mcdowd.CHW.rvt

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1 First Floor Plan
1/8" = 1'-0"



2 Second Floor Plan
1/8" = 1'-0"

2-A-19-UR

STUDIO FOUR DESIGN

ARCHITECTURE & INTERIORS

414 Clinch Ave. Knoxville, TN 37902
p 865 523-5001 f 865 523-5003
studiofourdesign.com

Faith Promise Operations Building

10770 Faith Promise Ln
Knoxville, TN 37931

Project Phase: TTCA

Issue Date: 01.01.18

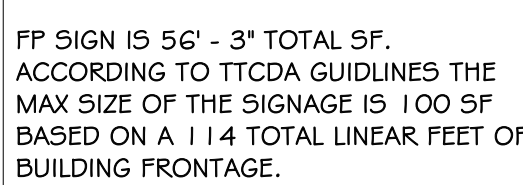
Revisions

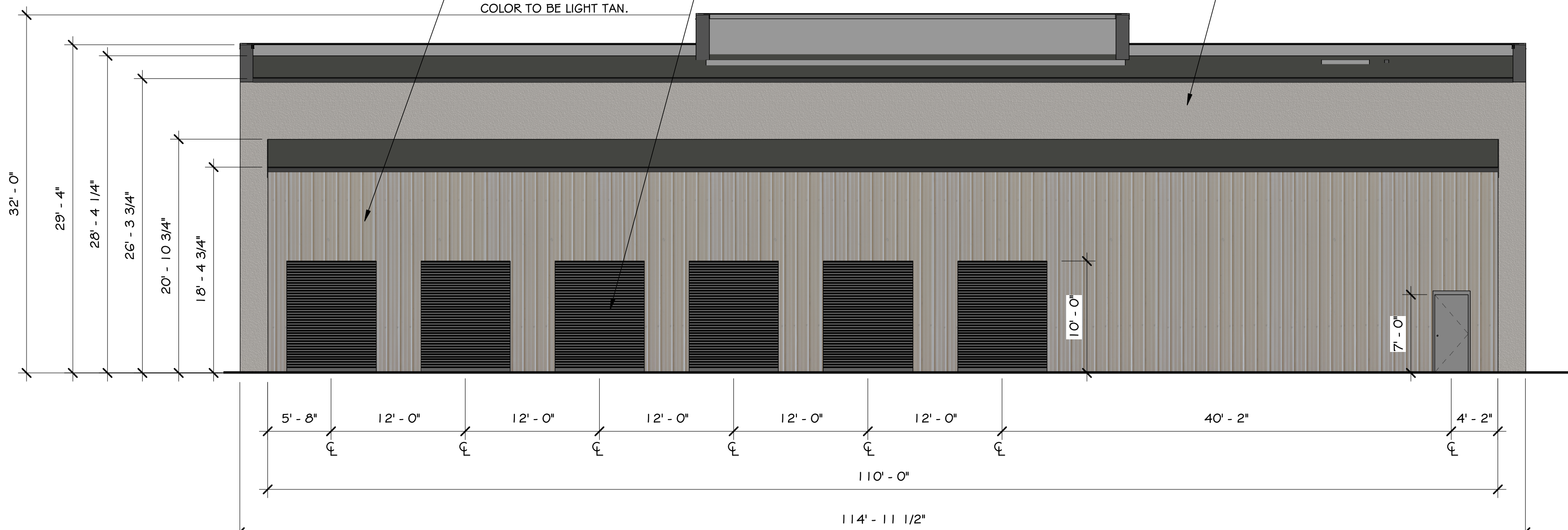
No.	Description	Date

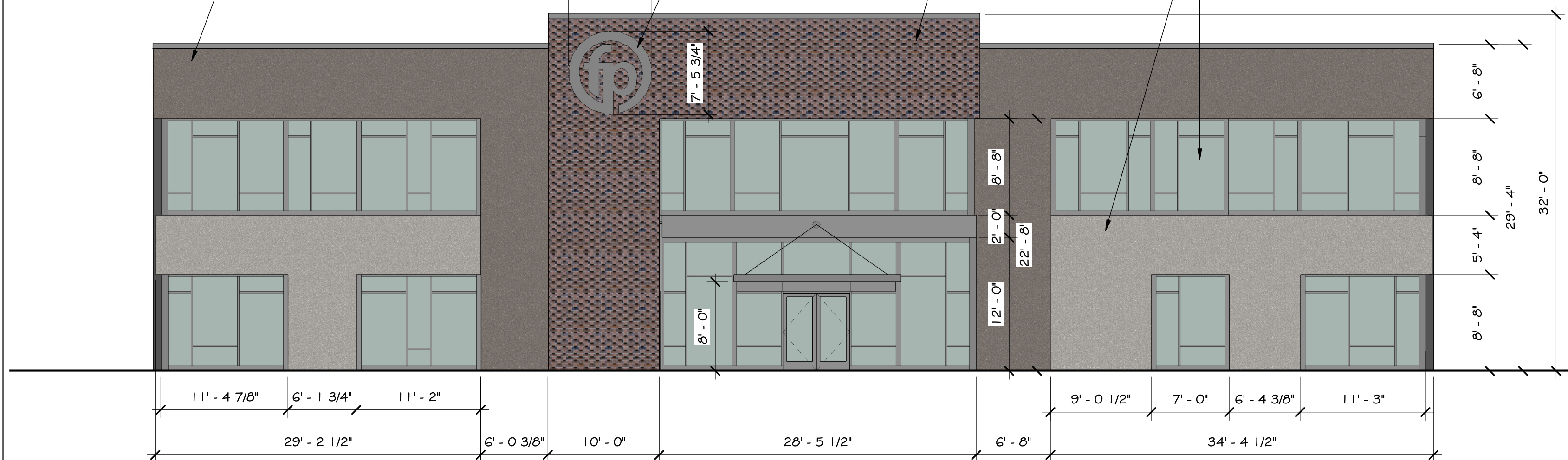
Job Number: 18107.00

First Floor Plan

A2.1


$$1/8^{\circ} = 1^{\circ}.0^{\circ}$$

$$1/8^3 = 1/512$$




Fa
 Op
 107
 Kno

Job Number: 18107.00

Elevations

A5.1