



③ SOUTH (TURKEY CREEK) ELEVATION
1/8" = 1'-0"



④ EAST ELEVATION
1/8" = 1'-0"

6-E-20-UR
4/27/2020



PROPOSED OFFICE BUILDING
MESA ASSOCIATES
MURDOCK DR., KNOXVILLE, TN

APRIL 30, 2020
PROJECT # 10-A-19-UR/9B-19-TOB



① NORTH (MURDOCK DR.) ELEVATION
1/8" = 1'-0"

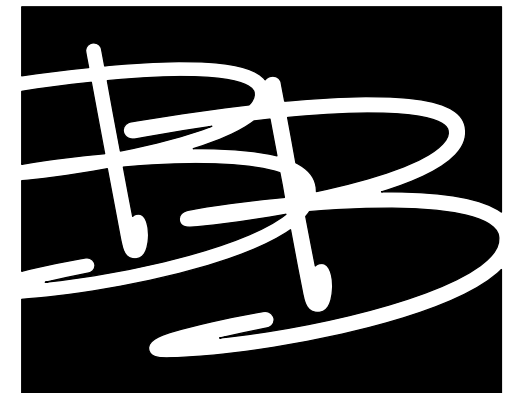


② WEST ELEVATION (FACING MESA CAMPUS)
1/8" = 1'-0"



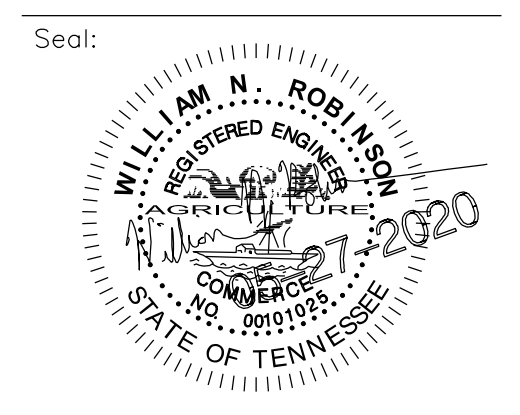
**PROPOSED OFFICE BUILDING
MESA ASSOCIATES
MURDOCK DR., KNOXVILLE, TN**

APRIL 30, 2020
PROJECT # 10-A-19-UR/9B-19-TOB



**BARRY BYRD
ARCHITECTURE**

P.O. Box 5482
Knoxville, TN 37928
(865) 687-6500



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Project Name: _____

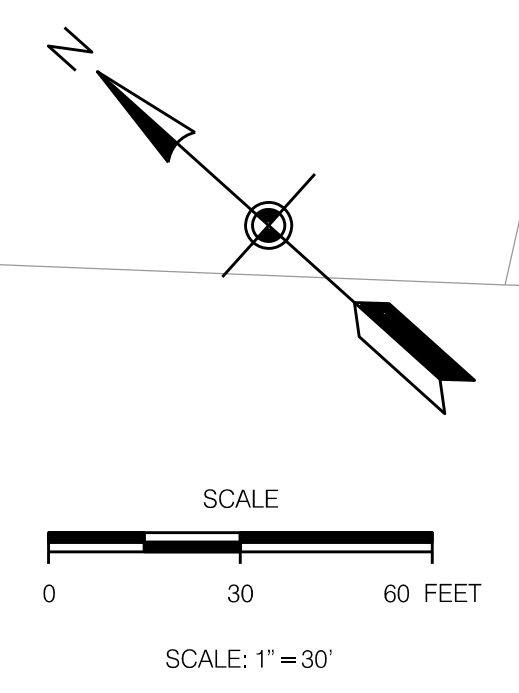
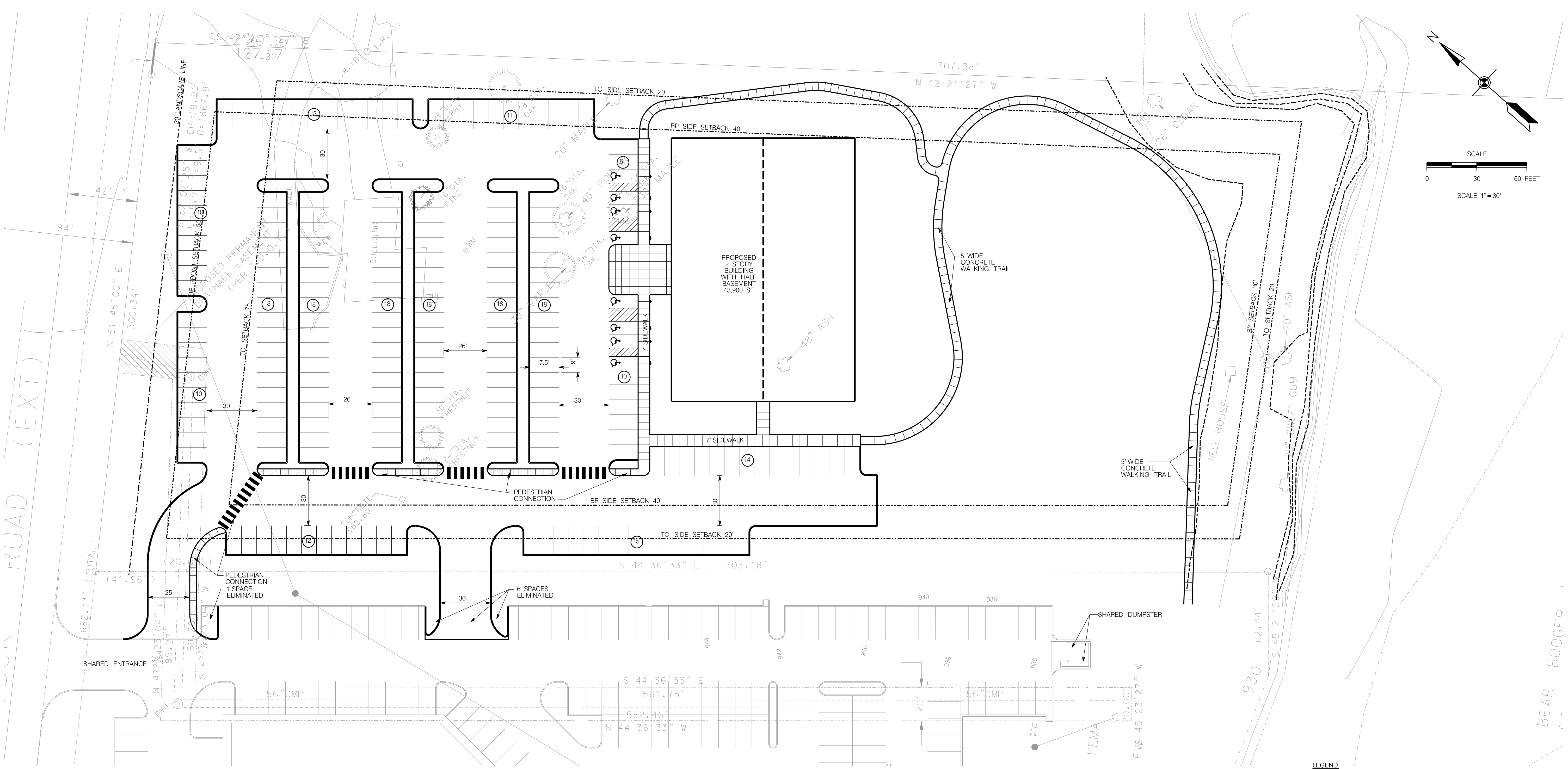
Drawn By: _____

Revisions:

No.	DATE	DESCRIPTION

Project Title: _____

A NEW FACILITY FOR:



LEGEND:

EXISTING	PROPOSED	
535	535	GROUND CONTOUR ELEVATION
535.25'	535.25'	SPOT ELEVATION
		STRUCTURE
		PROPERTY LINE
		EASEMENT
		EDGE OF PAVEMENT
		STORM DRAIN
SD	NA	SANITARY SEWER
SS	PW	POTABLE WATER
W	NG	NATURAL GAS
NG	FW	FIRE PROTECTION
		MANHOLE
		WATER METER
		FIRE HYDRANT
		SILT FENCING
		INLET PROTECTION
		CURB
		CONCRETE PAVEMENT
		ASPHALT PAVEMENT

PROJECT DATA

USE: OFFICE

ZONING: BP/TO

PARCEL: 118 117320

PARKING SUMMARY:
 PARKING REQUIRED: 132 - 351 SPACES
 PARKING PROVIDED: 209 SPACES
 ELIMINATED FOR CONNECTIONS: 8 SPACES
 ADA SPACES REQUIRED: 201-300 1 VAN ACCESSIBLE 6 HANDICAP
 ADA SPACES PROVIDED: 2 VAN ACCESSIBLE 6 HANDICAP

CALCULATION (COUNTY):
 OFFICE: 3-8 PER 1,000 SF
 43.9 X 3 = 131.7 SPACES, 43.9 X 8 = 351.2 SPACES

CALCULATION (TTEDA):
 OFFICE: 3-4.5 PER 1,000 SF
 43.9 X 3 = 131.7 SPACES, 43.9 X 4.5 = 197.6 SPACES (WAIVER REQUESTED FOR MAXIMUM)

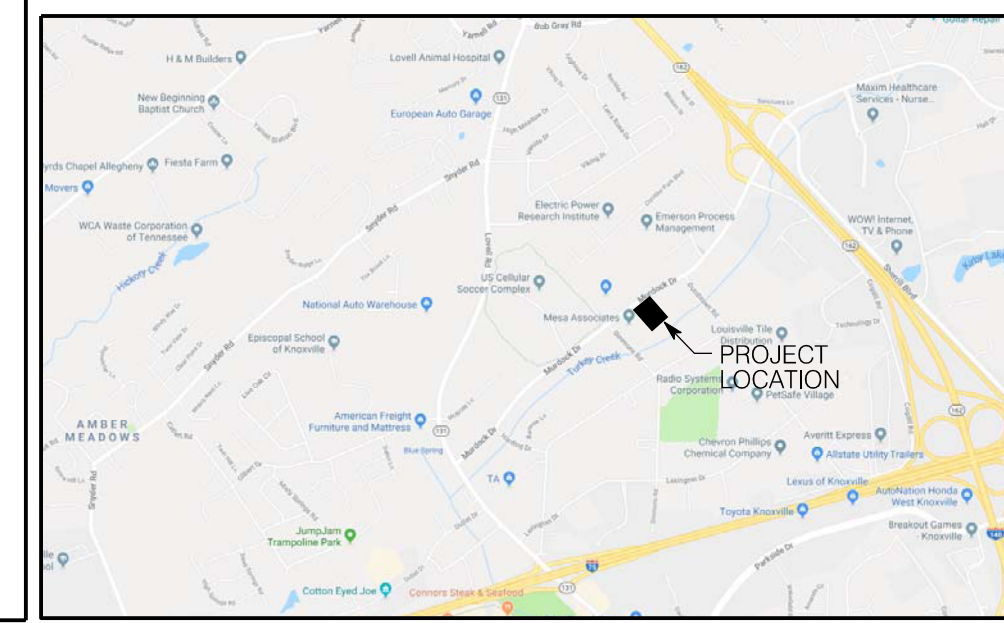
SETBACKS:
 FRONT: (BP) 50', (TO) 75'
 SIDE: (BP) 20', (TO) 40'
 REAR: (BP) 20', (TO) 30'

BUILDING AREA: 43,900 SF 2 STORY 2 WITH HALF BASEMENT

PARCEL AREA: 11.37 AC (INCLUDING OFFICE WAREHOUSE PROPERTY ACROSS CREEK) 4.97 ACRES CONSIDERED IN SITE CALCULATIONS FOR THIS DEVELOPMENT

IMPERVIOUS AREA: 2.39 AC

FLOOR AREA RATIO: 20.3 %
IMPERVIOUS AREA RATIO: 48 %
GROUND AREA COVERAGE: 8.1 %



MESA:

PROPOSED NEW OFFICE BUILDING (EAST PROPERTY) 6-E-20-UR/ 6-A-20-TOB

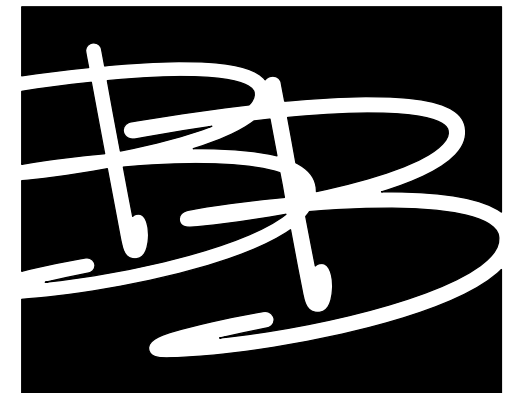
Location: _____

Sheet Contents: _____

Revised: 6/1/2020

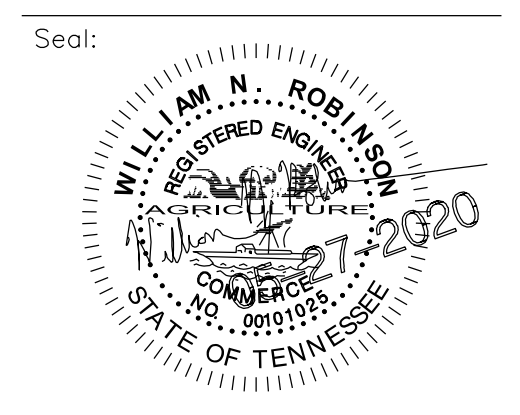
Date: _____

Sheet Number: **PL01**



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Project Name: _____

Drawn By: _____

Revisions:

No.	DATE	DESCRIPTION

Project Title: _____

A NEW FACILITY FOR:

MESA:

**PROPOSED NEW
OFFICE BUILDING
(EAST PROPERTY)
6-E-20-UR/
6-A-20-TOB**

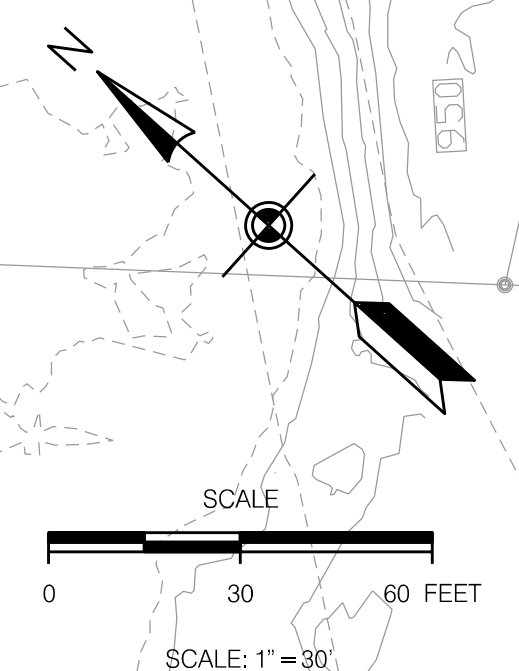
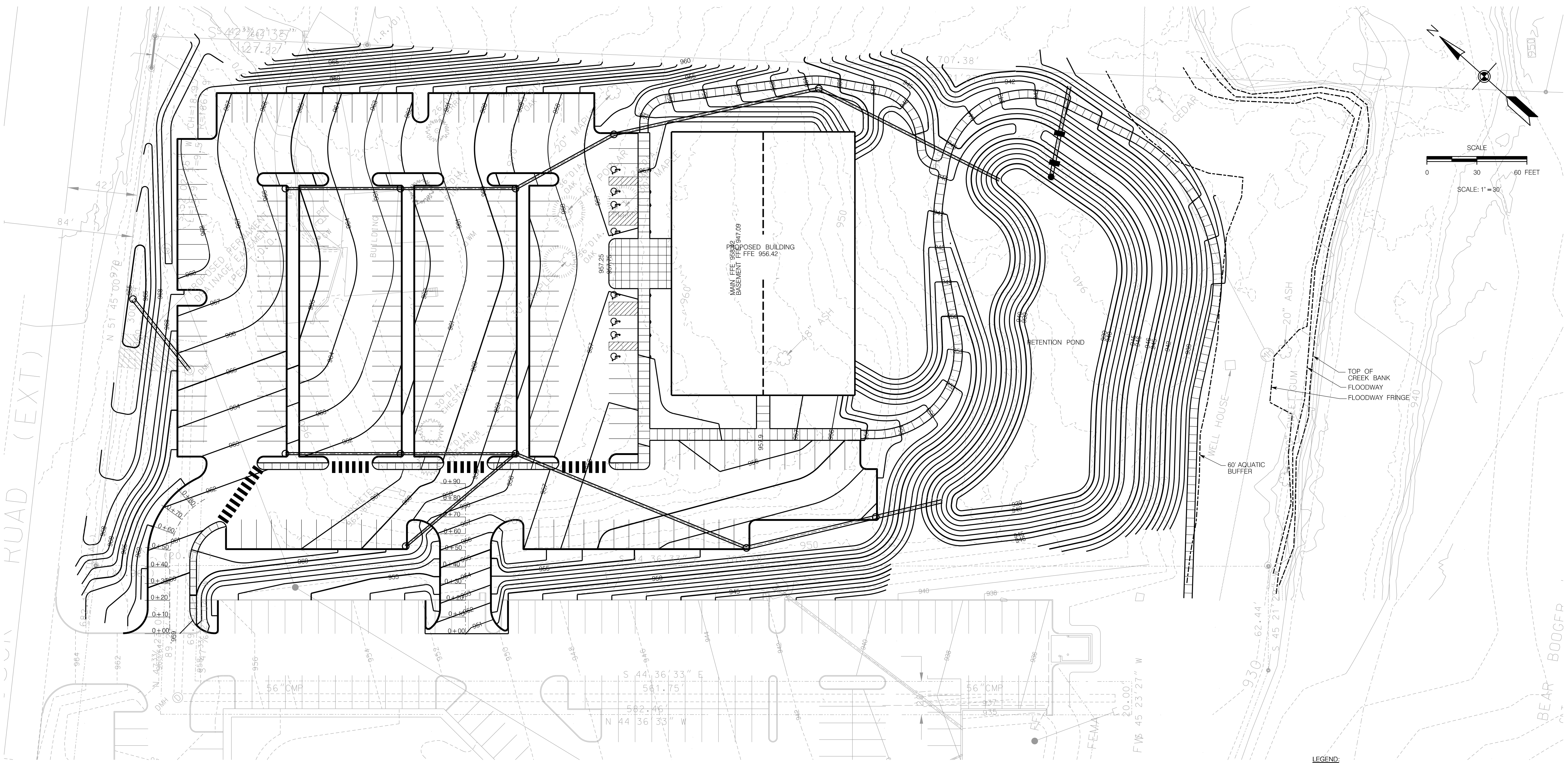
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Sheet Contents: _____

Revised: 6/1/2020

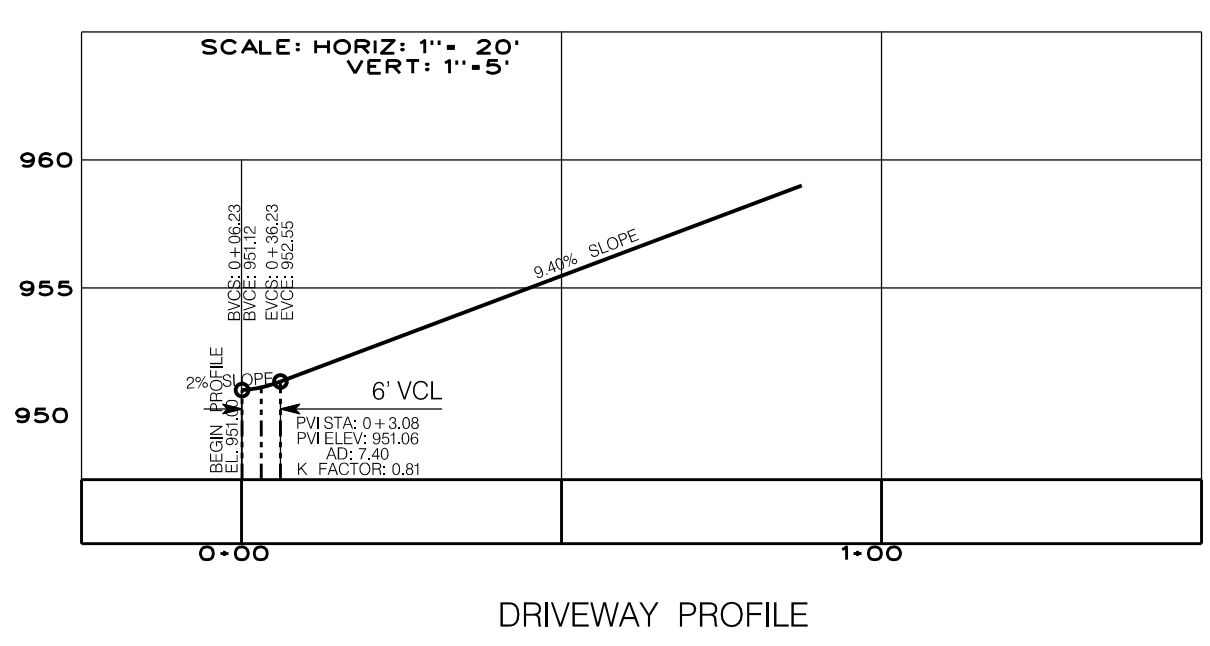
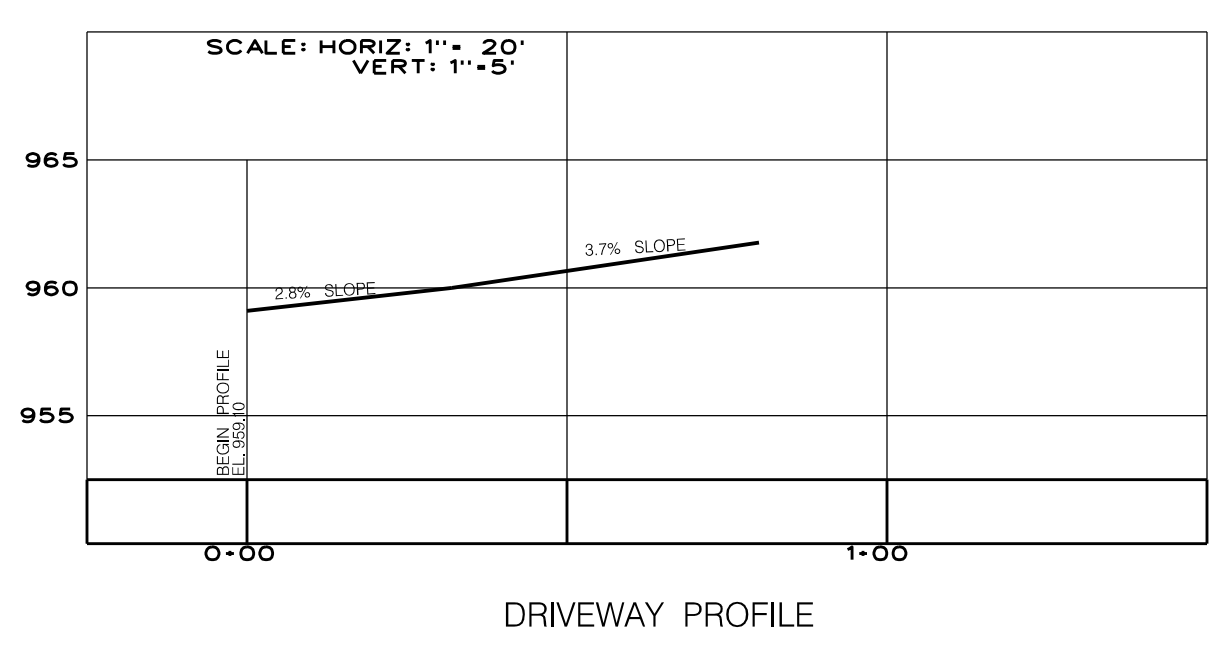
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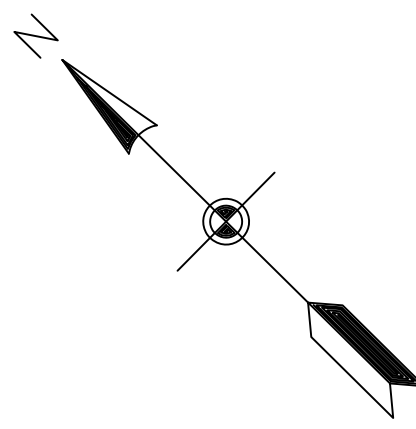
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PL02



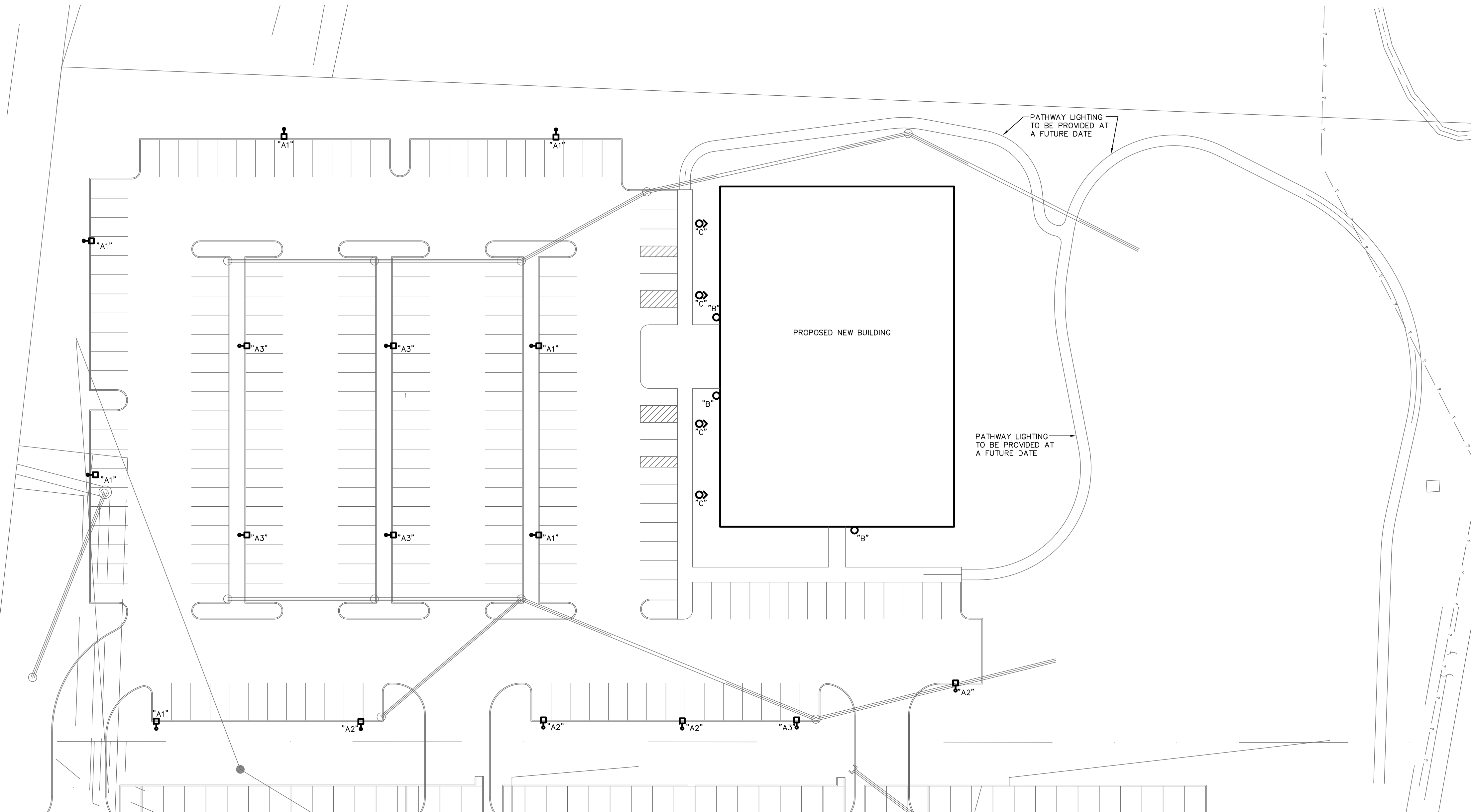
LEGEND:

EXISTING	PROPOSED	
535	535	GROUND CONTOUR ELEVATION
535.25'	535.25'	SPOT ELEVATION
		STRUCTURE
	NA	PROPERTY LINE
	NA	EASEMENT
		EDGE OF PAVEMENT
		STORM DRAIN
	NA	SANITARY SEWER
		POTABLE WATER
		NATURAL GAS
		FIRE PROTECTION
		MANHOLE
		WATER METER
		FIRE HYDRANT
		SILT FENCING
		INLET PROTECTION
		CURB
		CONCRETE PAVEMENT
		ASPHALT PAVEMENT



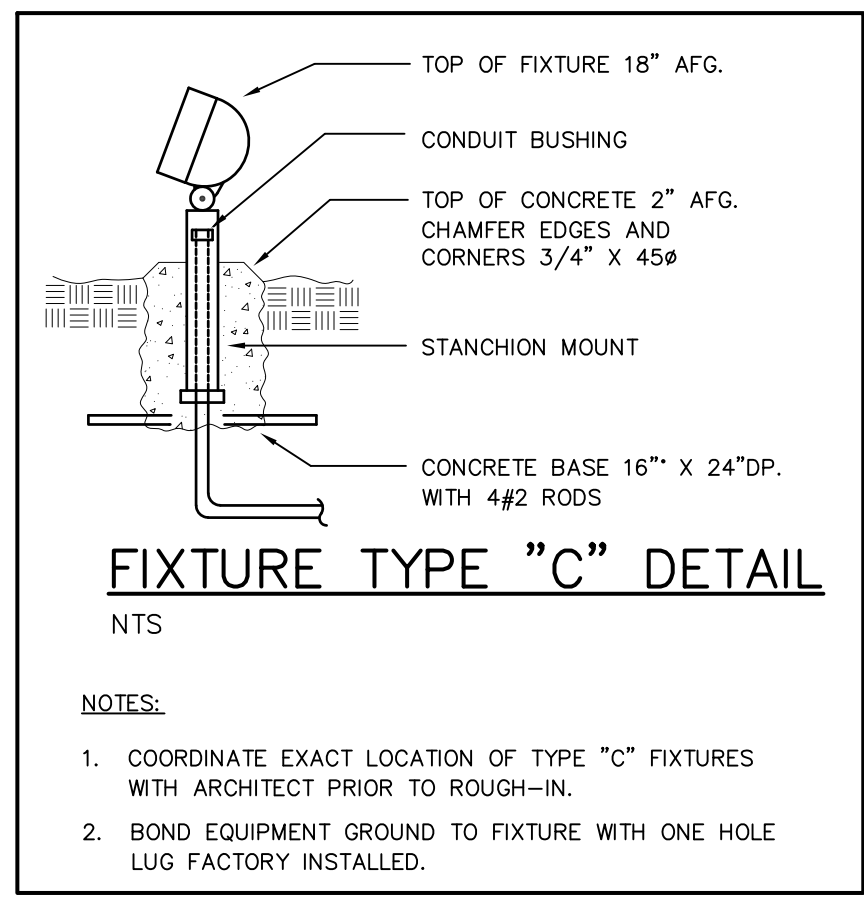


MURDOCK ROAD



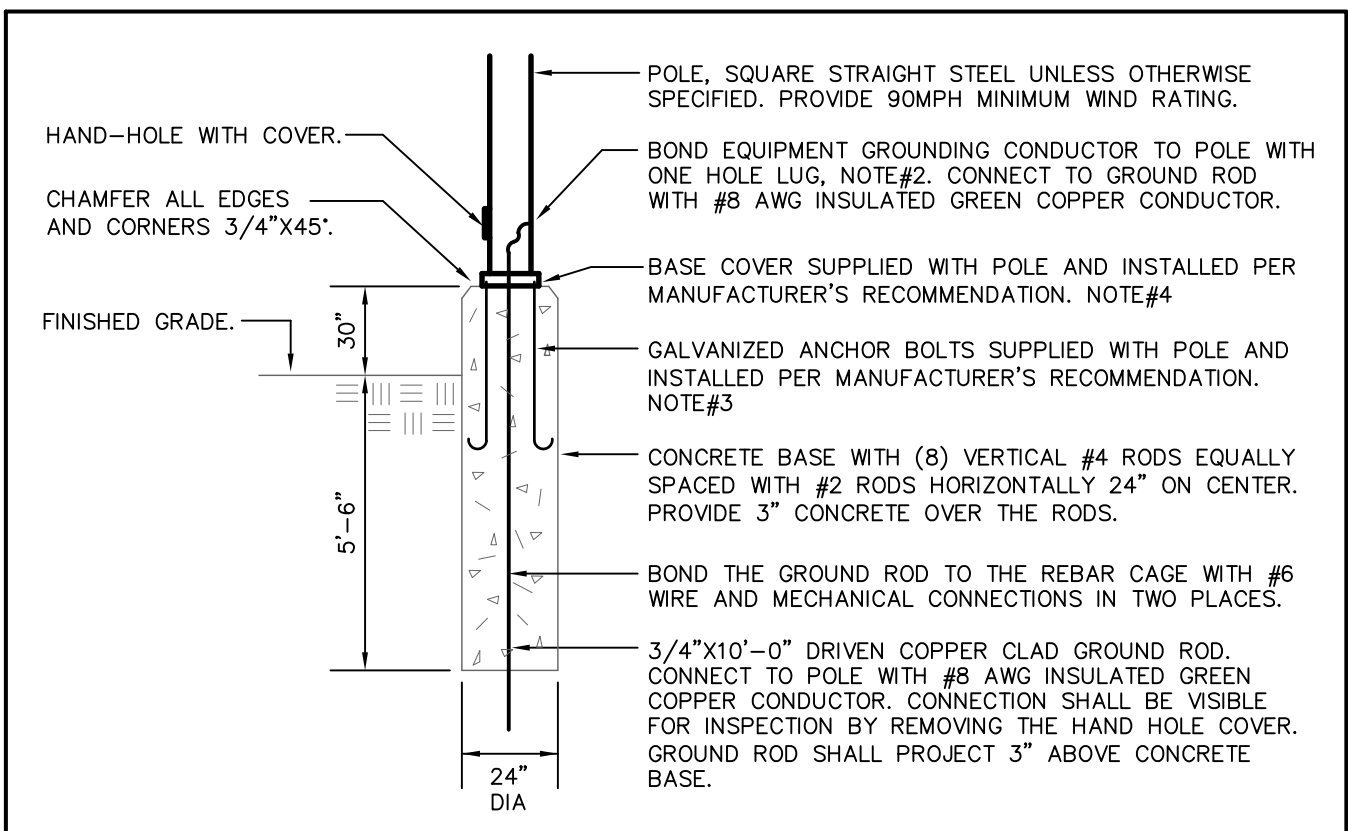
E SITE PLAN - NEW PARKING LOT LIGHT POLE LOCATIONS
 ES1.1 SCALE: 1" = 30'

LIGHTING FIXTURE SCHEDULE					
TYPE	LAMPS	MOUNTING	FIXTURE DESCRIPTION	MANUFACTURER'S NAME AND CATALOG NUMBER	WATTAGE
A1	LED 15133 LUMEN 4000 K	25' POLE	POLE LIGHT FIXTURE WITH TYPE IV OPTICS, VERIFY COLOR WITH ARCHITECT	SPAULDING CL1-A-60L-U-4K-4	135 WATT
A2	LED 7715 LUMEN 4000 K	25' POLE	POLE LIGHT FIXTURE WITH TYPE IV OPTICS, VERIFY COLOR WITH ARCHITECT	SPAULDING CL1-A-30L-U-4K-4	70 WATT
A3	LED 14988 LUMEN 4000 K	25' POLE	POLE LIGHT FIXTURE WITH TYPE III OPTICS, VERIFY COLOR WITH ARCHITECT	SPAULDING CL1-A-60L-U-4K-3	135 WATT
B	LED 2624 LUMEN 4000 K	10' AFF	WALL PACK, FULL CUT-OFF, VERIFY COLOR WITH ARCHITECT	SPAULDING LMC-30LU-4K-2-035	135 WATT
C	LED 5186 LUMEN 4000 K	STANCHION	WIDE FLOOD LIGHT, VERIFY COLOR WITH ARCHITECT	KIM KFL2-24L-4K7-WF-UNV	44 WATT



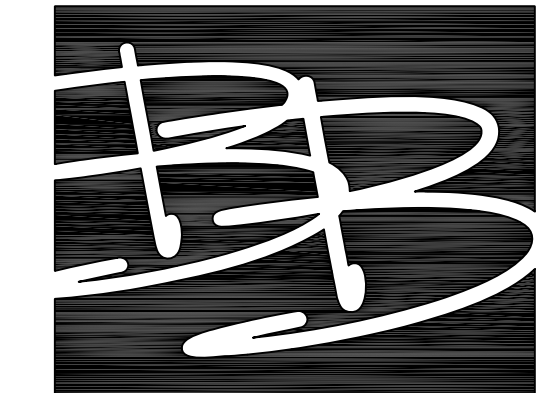
FIXTURE TYPE "C" DETAIL
 NTS

NOTES:
 1. COORDINATE EXACT LOCATION OF TYPE "C" FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.
 2. BOND EQUIPMENT GROUND TO FIXTURE WITH ONE HOLE LUG FACTORY INSTALLED.



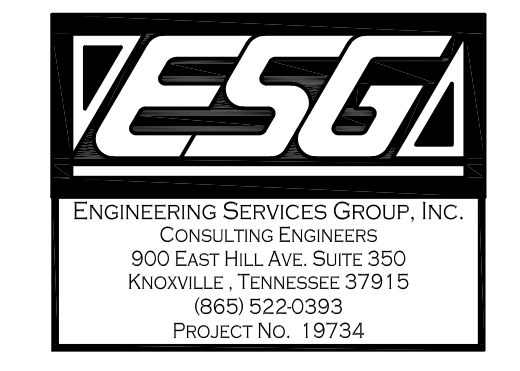
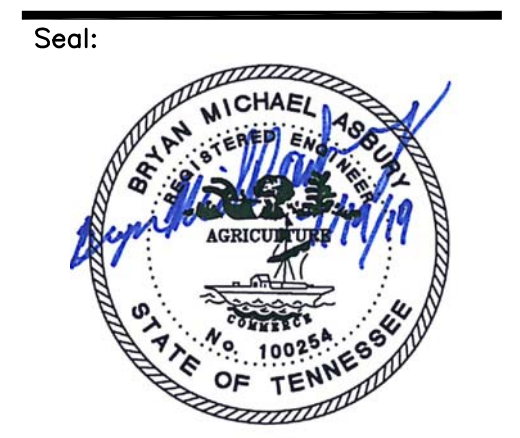
POLE BASE DETAIL FIXTURE TYPE "A1, A2 & A3"
 N.T.S.

NOTES:
 1. BASE SHALL BE HAND RUBBED FINISH UNLESS OTHERWISE SPECIFIED.
 2. EQUIPMENT GROUNDING LUGS TO BE FACTORY INSTALLED.
 3. TOP OF ANCHOR BOLTS SHALL EXTEND FULLY THROUGH THE TOP MOST NUT TO PROVIDE FULL STRUCTURAL STRENGTH AND POSITIVE DRAINAGE OF RAINWATER.
 4. POLE BASE COVER SHALL TOUCH THE TOP OF THE CONCRETE BASE. THERE SHALL BE NO VISIBLE AIR GAP BETWEEN THE BASE COVER AND THE TOP OF THE CONCRETE BASE.
 5. CENTER POINT OF BASE SHALL BE SET BACK FROM PAVEMENT AS INDICATED BELOW:
 EDGE OF PAVEMENT, NO CURB: 36" FROM EDGE OF PAVEMENT
 EDGE OF PAVEMENT, WITH CURB: 24" FROM BACK OF CURB
 PARKING ISLAND: CENTER BETWEEN BACK OF CURBS
 NOTE: THE ENTIRE POLE BASE ASSEMBLY SHALL BE ENTIRELY LOCATED WITHIN THE OWNER'S PROPERTY BOUNDARY.



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Project Name: **MESA EAST BLDG**

Drawn By: **MWE**

Revisions:

No.	DATE	DESCRIPTION

Project Title:
 A NEW FACILITY FOR:

Revised: 6/1/2020

MESA:

**PROPOSED NEW
 OFFICE BUILDING
 (EAST PROPERTY)**

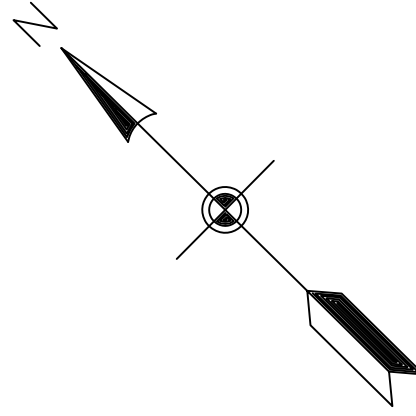
TTCDA (6-A-20-TOB)
 PC (6-E-20-UR)

Location:
 Knox County, TN

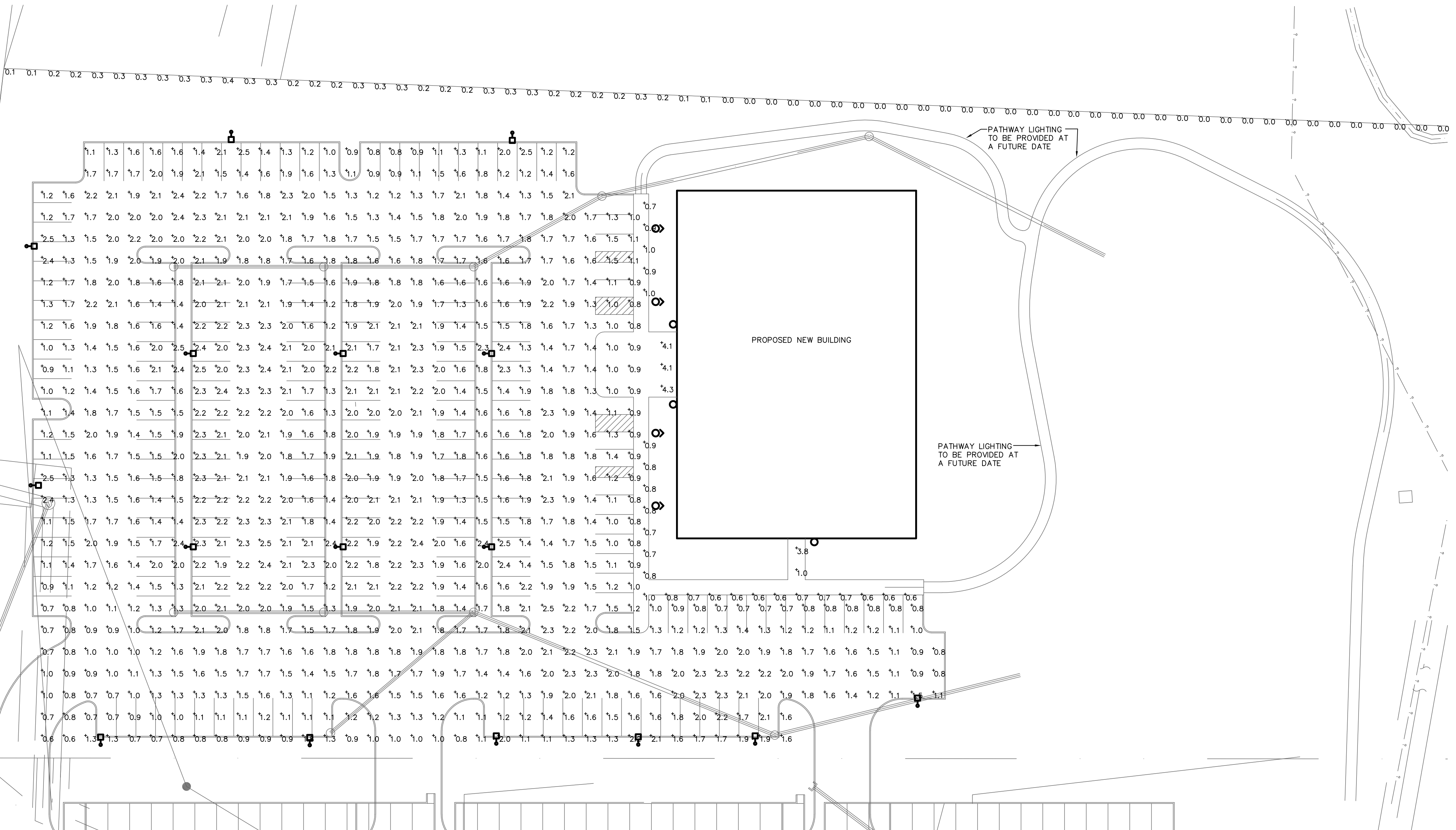
Sheet Contents:
 N.T.S.
**Site Plan
 Parking Lot Light
 Pole Locations**

Date:
 July 19, 2019

Sheet Number:
ES1.1

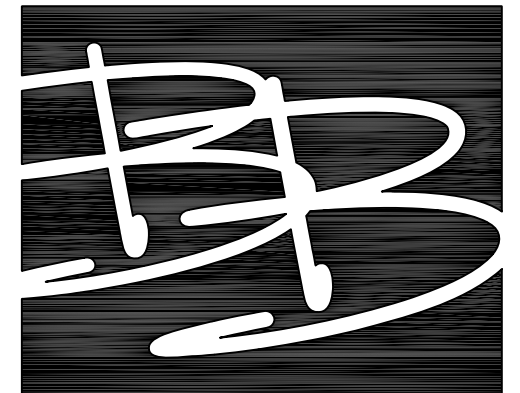


MURDOCK ROAD



E SITE PLAN - NEW PARKING LOT LIGHT PHOTOMETRICS
 ES1.2 SCALE: 1" = 30'

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
MAIN ENTRANCE	+	4.2 fc	4.3 fc	4.1 fc	1.0:1	1.0:1
PARKING	+	1.6 fc	2.5 fc	0.6 fc	4.2:1	2.7:1
PROPERTY LINE	+	0.1 fc	0.4 fc	0.0 fc	N/A	N/A
SIDE ENTRANCE	+	2.4 fc	3.8 fc	1.0 fc	3.8:1	2.4:1
SIDEWALK	+	0.8 fc	1.0 fc	0.6 fc	1.7:1	1.3:1



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MESA EAST BLDG

Drawn By:
MWE

Revisions:

No.	DATE	DESCRIPTION

Project Title:

A NEW FACILITY FOR:

MESA:

PROPOSED NEW OFFICE BUILDING (EAST PROPERTY)

TTCDA (6-A-20-TOB)
 PC (6-E-20-UR)

Revised: 6/1/2020

Location:

Knox County, TN

Sheet Contents:

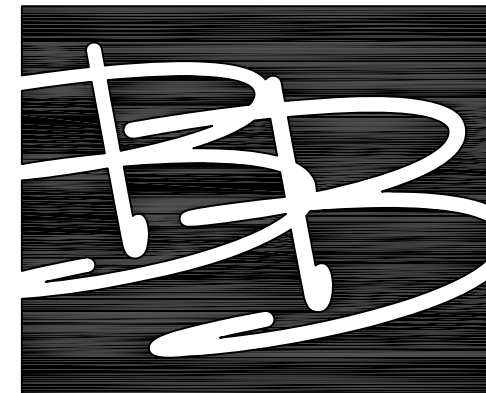
**Site Plan
 Parking Lot Light
 Photometrics**

Date:

July 19, 2019

Sheet Number:

ES1.2



BARRY BYRD ARCHITECTURE

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Seal:



ENGINEERING SERVICES GROUP, INC.
CONSULTING ENGINEERS
900 EAST HILL AVE. SUITE 350
KNOXVILLE, TENNESSEE 37915
(865) 522-0393
PROJECT No. 19734

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Project Name:
MESA EAST BLDG

Drawn By:
MWE

Revisions:

No.	DATE	DESCRIPTION

Project Title:

A NEW FACILITY FOR:

Revised: 6/1/2020

MESA:

PROPOSED NEW OFFICE BUILDING (EAST PROPERTY)

TCDA (6-A-20-TOB)
PC (6-E-20-UR)

Location:

Knox County, TN

Sheet Contents:

Lighting Fixture Illustrations

Date:

July 19, 2019

Sheet Number:

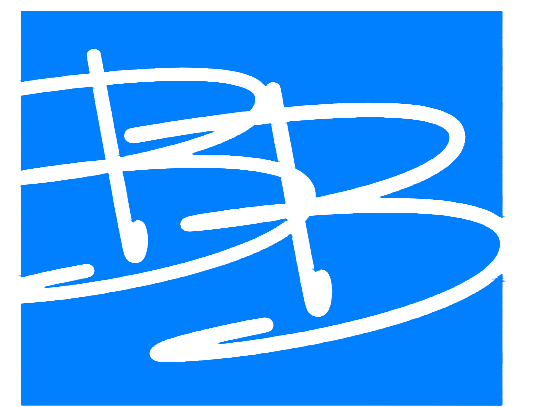
ES1.3

Lighting fixture specification sheet for Laredo Series LMC-30LEDs. Includes job title (MESA: PROPOSED NEW OFFICE BUILDING), approvals, specifications, product images, dimensions, and ordering information.

Lighting fixture specification sheet for Cimarron LED. Includes job title (MESA: PROPOSED NEW OFFICE BUILDING), approvals, specifications, product images, dimensions, and ordering information.

Lighting fixture specification sheet for Kim Floodlight KFL2. Includes job title (MESA: PROPOSED NEW OFFICE BUILDING), approvals, features, specifications, and ordering information.

Lighting fixture specification sheet for Hubbell Control Solutions. Includes accessories and services, Hubbell Control Solutions - Accessories (sold separately), and SiteSync 7-Pin Module.



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Project Name:
MESA EAST

Drawn By:
TMW

Revisions:

No.	DATE	DESCRIPTION

Project Title:
**A NEW OFFICE
BUILDING FOR:**

Revised: 6/1/2020



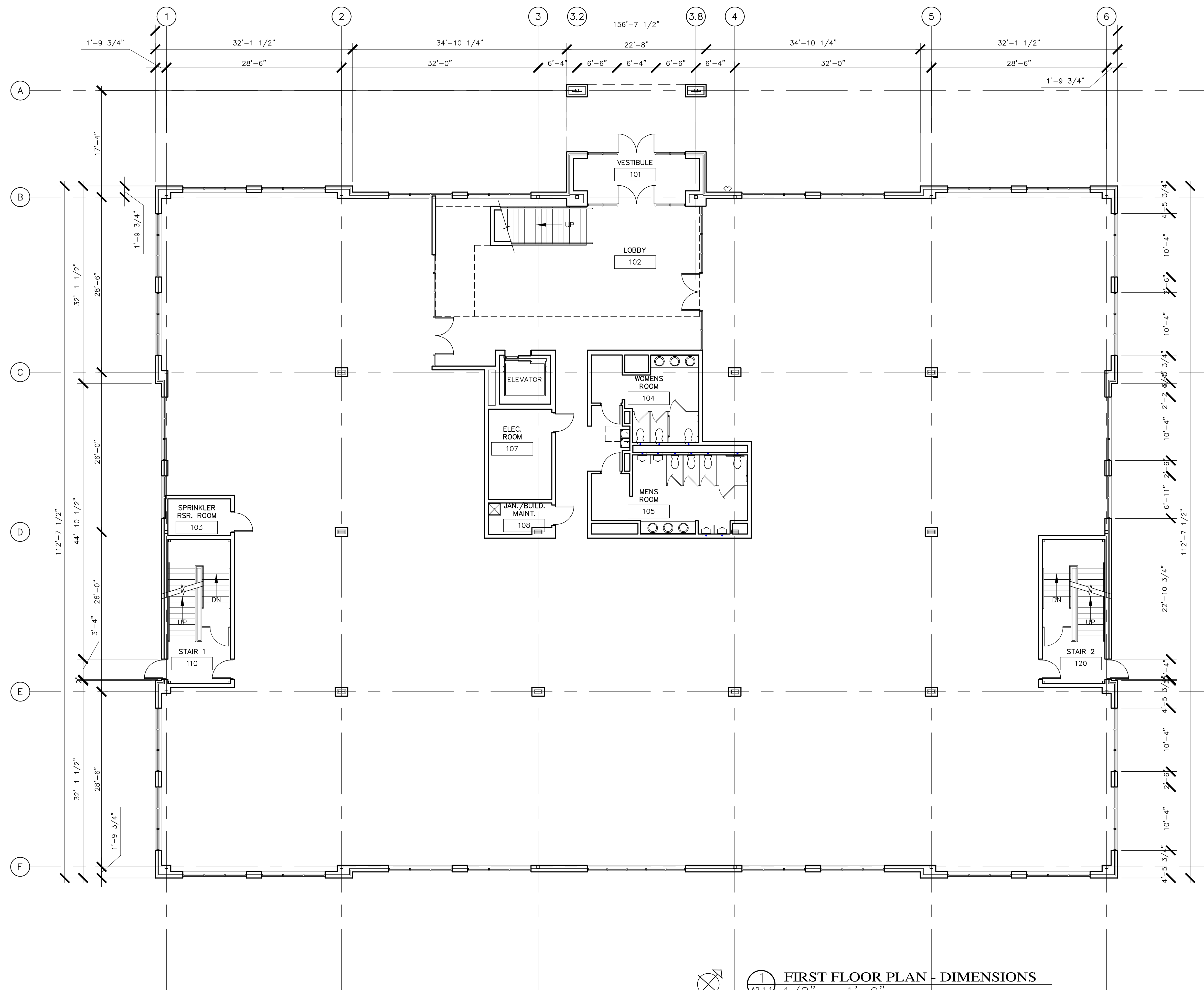
JUNE 1, 2020
TTCDA (6-A-20-TOB)
PC (6-E-20-UR)

Location:
Knox County, TN

Sheet Contents:
**First Floor
Floor Plan
Dimensions**

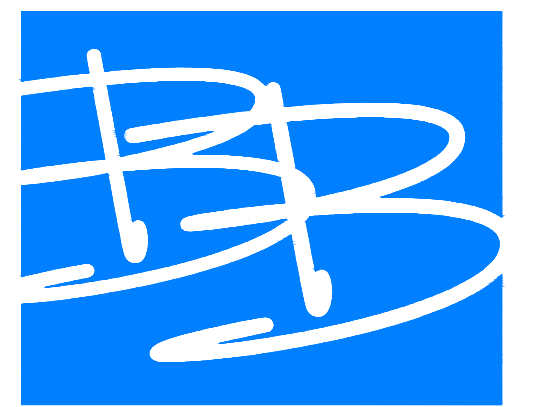
Date:
June 25, 2020

Sheet Number:
A2.1.2



 BUILDING NORTH

1
A2.1.1
FIRST FLOOR PLAN - DIMENSIONS
1/8" = 1'-0"



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MESA EAST

Drawn By:
TMW

Revisions:

No.	DATE	DESCRIPTION

Project Title:
**A NEW OFFICE
BUILDING FOR:**

Revised: 6/1/2020



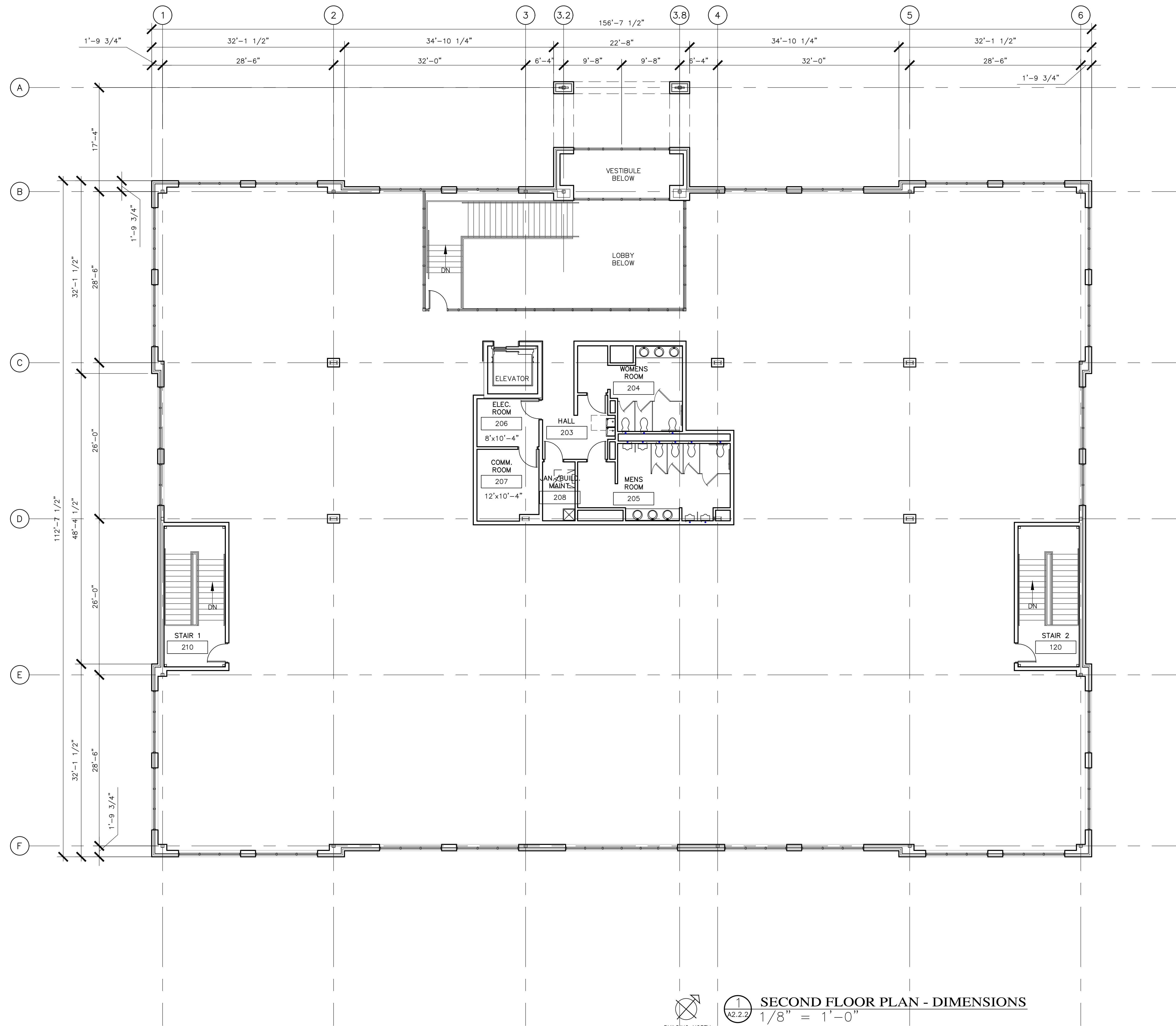
JUNE 1, 2020
TTCDA (6-A-20-TOB)
PC (6-E-20-UR)

Location:
Knox County, TN

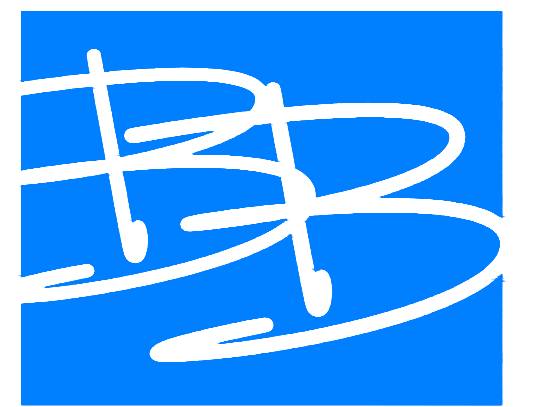
Sheet Contents:
**Second Floor
Floor Plan
Dimensions**

Date:
June 25, 2020

Sheet Number:
A2.2.2



1 SECOND FLOOR PLAN - DIMENSIONS
A2.2.2 1/8" = 1'-0"



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Drawn By:
TMW

Revisions:

No.	DATE	DESCRIPTION

Project Title:
**A NEW OFFICE
BUILDING FOR:**

Revised: 6/1/2020



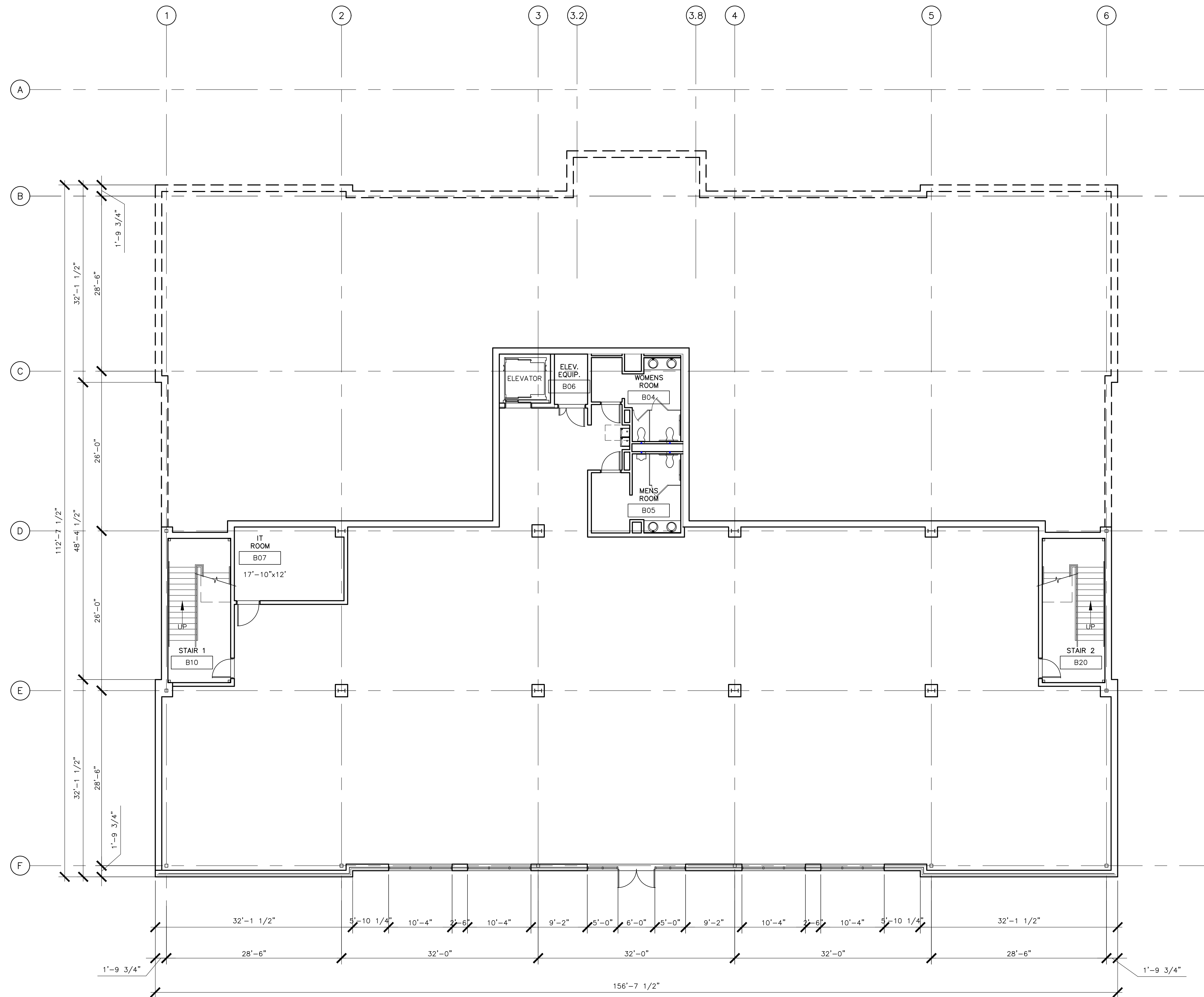
JUNE 1, 2020
TTCDA (6-A-20-TOB)
PC (6-E-20-UR)

Location:
Knox County, TN

Sheet Contents:
**Basement
Floor Plan
Dimensions**

Date:
June 25, 2020

Sheet Number:
A2.0.2



1 BASEMENT FLOOR PLAN - DIMENSIONS
A2.0.2 1/8" = 1'-0"

