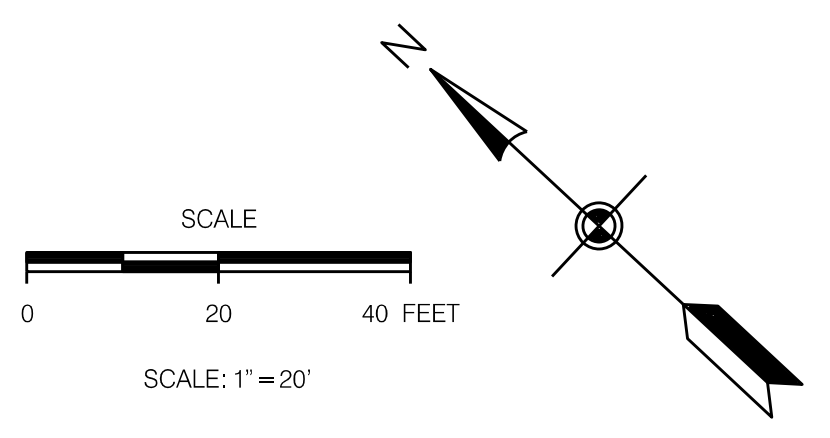


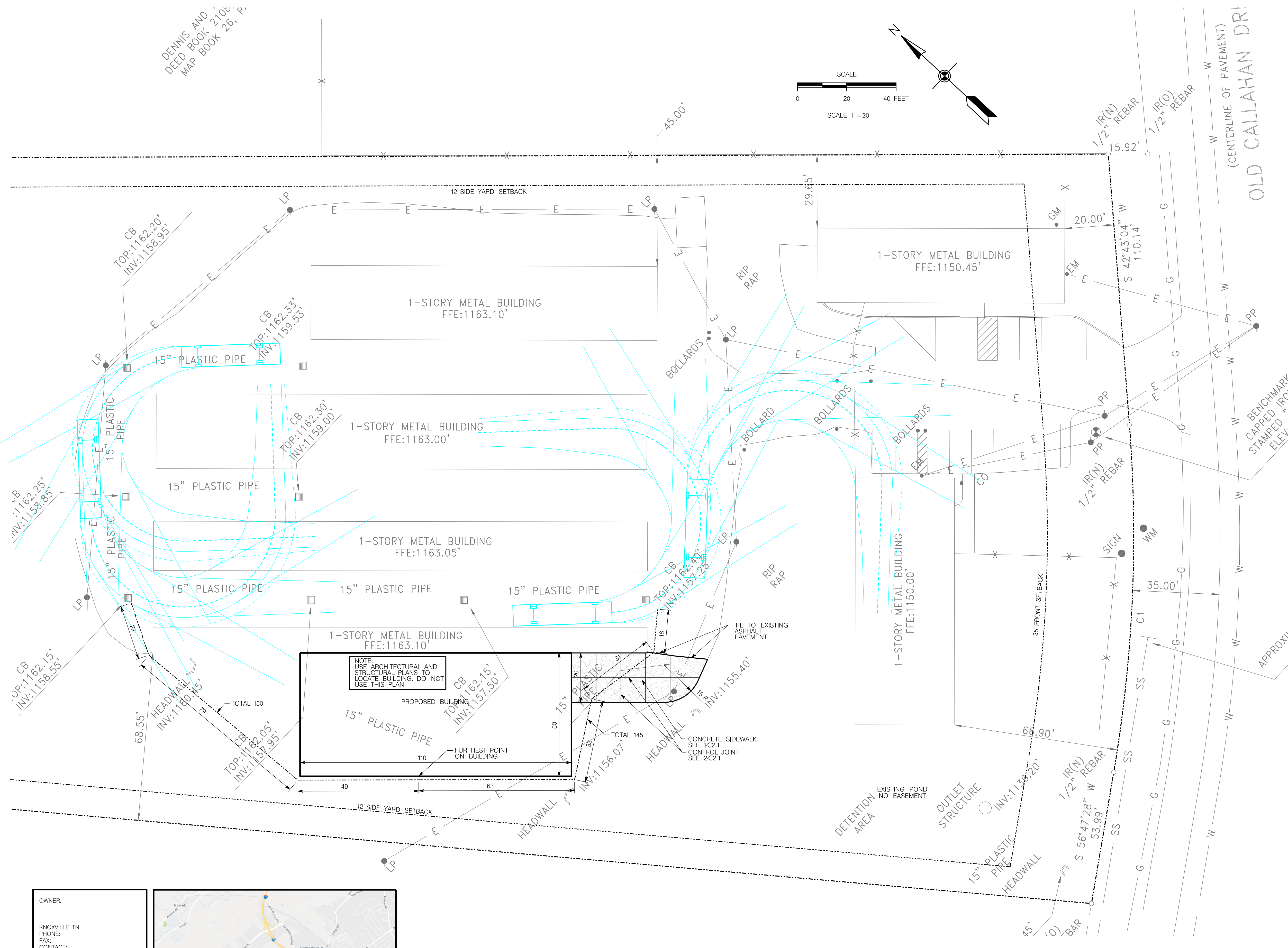
DENNIS AND DEED BOOK 2100, MAP BOOK 26, P. 1



LEGEND:		
EXISTING	PROPOSED	
535	535	GROUND CONTOUR ELEVATION
535.25'	535.25'	SPOT ELEVATION
[Symbol]	[Symbol]	STRUCTURE
---	---	PROPERTY LINE
---	---	EASEMENT
---	---	EDGE OF PAVEMENT
SD	SD	STORM DRAIN
SS	SS	SANITARY SEWER
FW	FW	POTABLE WATER
NG	NG	NATURAL GAS
UE	UE	UNDERGROUND ELECTRICAL
○	●	MANHOLE
○	⊙	WATER METER
○	○	FIRE HYDRANT
⊙	→	SURFACE FLOW
NA	---	SILT FENCING
NA	---	CURB
NA	[Symbol]	CONCRETE PAVEMENT
NA	[Symbol]	ASPHALT PAVEMENT
NA	[Symbol]	CONSTRUCTION ENTRANCE
NA	[Symbol]	EROSION CONTROL MAT

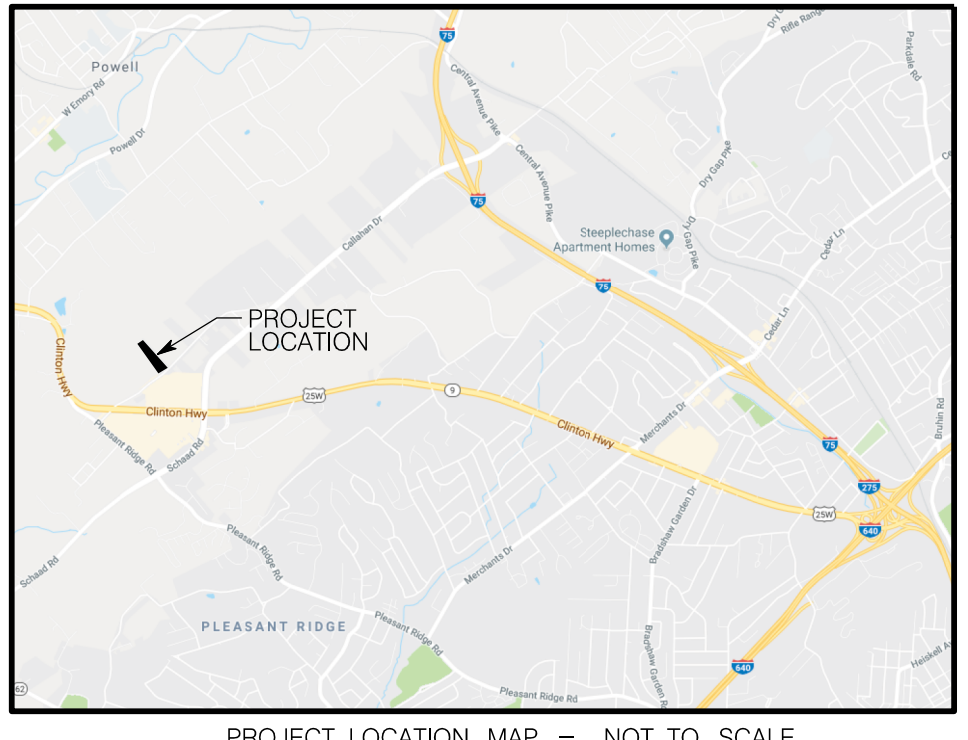
**SITE LAYOUT NOTES**

- USE: SELF STORAGE, ZONING: C-4, PARCEL 067 231
- TOTAL BUILDING AREA: PROPOSED 5,500 SF (1 STORY)
- TOTAL SITE: 6.18 AC, TOTAL DIST AREA: 0.25 AC, TOTAL NEW IMPERV: 0.15 AC.
- DEED REFERENCE: 20171004-0021422, CITY BLOCK: 40863, WARD: 40
- THIS PROPERTY IS NOT LOCATED IN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA SEE MAP 0120F.
- SITE BENCHMARK CONTACT SURVEYOR FOR SITE BENCHMARK DATUM NAVD 88.
- SITE BOUNDARY AND TOPOGRAPHIC INFORMATION IS FROM A SURVEY BY ROTH SURVEYING DATED 01/2017. THE CONTRACTOR SHALL VERIFY THE EXISTING INFORMATION PRIOR TO CONSTRUCTION. THE ARCHITECT NOR THE ENGINEER ACCEPT NO RESPONSIBILITY FOR THE ACCURACY AND/OR COMPLETENESS OF EXISTING CONDITIONS INFORMATION PROVIDED BY THE OTHERS.
- UTILITY INFORMATION IS BASED ON INFORMATION OBTAINED FROM THE UTILITY PROVIDERS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACCURACY OF THIS INFORMATION.
- PARKING SUMMARY:  
PARKING PROVIDED: 14 SPACES  
PARKING REQUIRED: 14 SPACES  
CALCULATION:  
FURNITURE SALES: 2.5 SPACE PER 1,000 SF 3,000,000 X 2.5 = 7.5 SPACES  
STORAGE: OUTDOOR: 5 SPACES  
STORAGE: INDOOR: 5 SPACES (ADDRESSED OUTDOOR) + .02 UNIT = .02 X 38 = 0.76 TOTAL: 13.26 SPACES
- SETBACKS:  
FRONT: 35'  
SIDE: 12'  
REAR: 10'
- THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND LICENSES FOR EXECUTION OF THE WORK. ALL MATERIALS AND EXECUTION OF THE WORK SHALL BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS.
- CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION ISSUED BY THE AGC OF AMERICA, INC. AND THE SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION ISSUED BY THE US DEPARTMENT OF LABOR. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION EROSION AND SEDIMENT CONTROL HANDBOOK.
- VERIFY SITE CONDITIONS, DIMENSIONS, ELEVATIONS, AND LOCATION OF EXISTING FEATURES BEFORE STARTING WORK. THE OWNERS REPRESENTATIVE SHALL BE NOTIFIED OF ANY INTERFERENCES OR DISCREPANCIES.
- TRAFFIC CONTROL IN CONSTRUCTION AREAS TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- CORRECT ALL DAMAGE TO EXISTING PAVEMENT, SIDEWALKS, DRAINAGE STRUCTURES, UTILITIES, OR OTHER EXISTING IMPROVEMENTS AT NO EXPENSE TO THE OWNER.
- PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND/OR CONCRETE AND NEW PAVEMENT AND/OR CONCRETE. FIELD ADJUSTMENT OF FINAL GRADES MAY BE REQUIRED. INSTALL ALL STORM SYSTEMS PRIOR TO INSTALLATION OF PAVEMENT AND/OR CONCRETE.
- DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVEMENT, OR TO THE FACE OF BUILDING UNLESS NOTED OTHERWISE.
- MAINTAIN ONE SET OF AS-BUILT DRAWINGS ON THE JOB SITE FOR DISTRIBUTION TO THE ENGINEER UPON COMPLETION. INCLUDE ALL UTILITY LOCATIONS AND ALL NEW SIDEWALK RAMP ELEVATIONS FOR ALL SANITARY AND STORM SEWER STRUCTURES SHALL BE INCLUDED. DRAWINGS SHALL INCLUDE VERTICAL AND HORIZONTAL INFORMATION ON ALL NEW UTILITIES AS WELL AS EXISTING UTILITIES DISCOVERED DURING CONSTRUCTION.



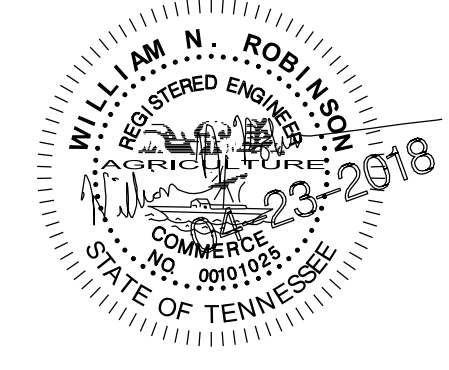
NOTE:  
USE ARCHITECTURAL AND STRUCTURAL PLANS TO LOCATE BUILDING. DO NOT USE THIS PLAN

OWNER:  
KNOXVILLE, TN  
PHONE:  
FAX:  
CONTACT:  
  
ENGINEER:  
WILL ROBINSON & ASSOCIATES  
1248 N. SHOREWOOD LN  
CARYVILLE, TN 37714  
PHONE: 386-4200  
CONTACT: WILL ROBINSON  
  
CONTRACTOR:  
TO BE DETERMINED



5-D-18-UR  
Revised: 4/24/2018

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A NEW ADDITION FOR:  
**CALLAHAN ROAD STORAGE**  
KNOXVILLE, TN

SITE LAYOUT PLAN

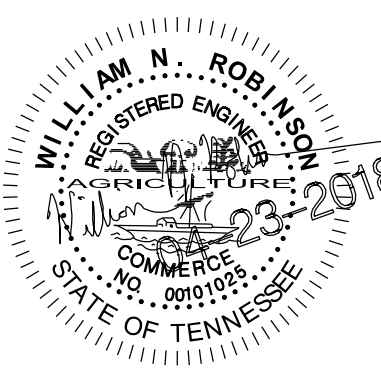
DATE: 23 APR 2018  
PROJECT NO.: 18025  
PROJ. MGR.: GAE  
**C1.2**





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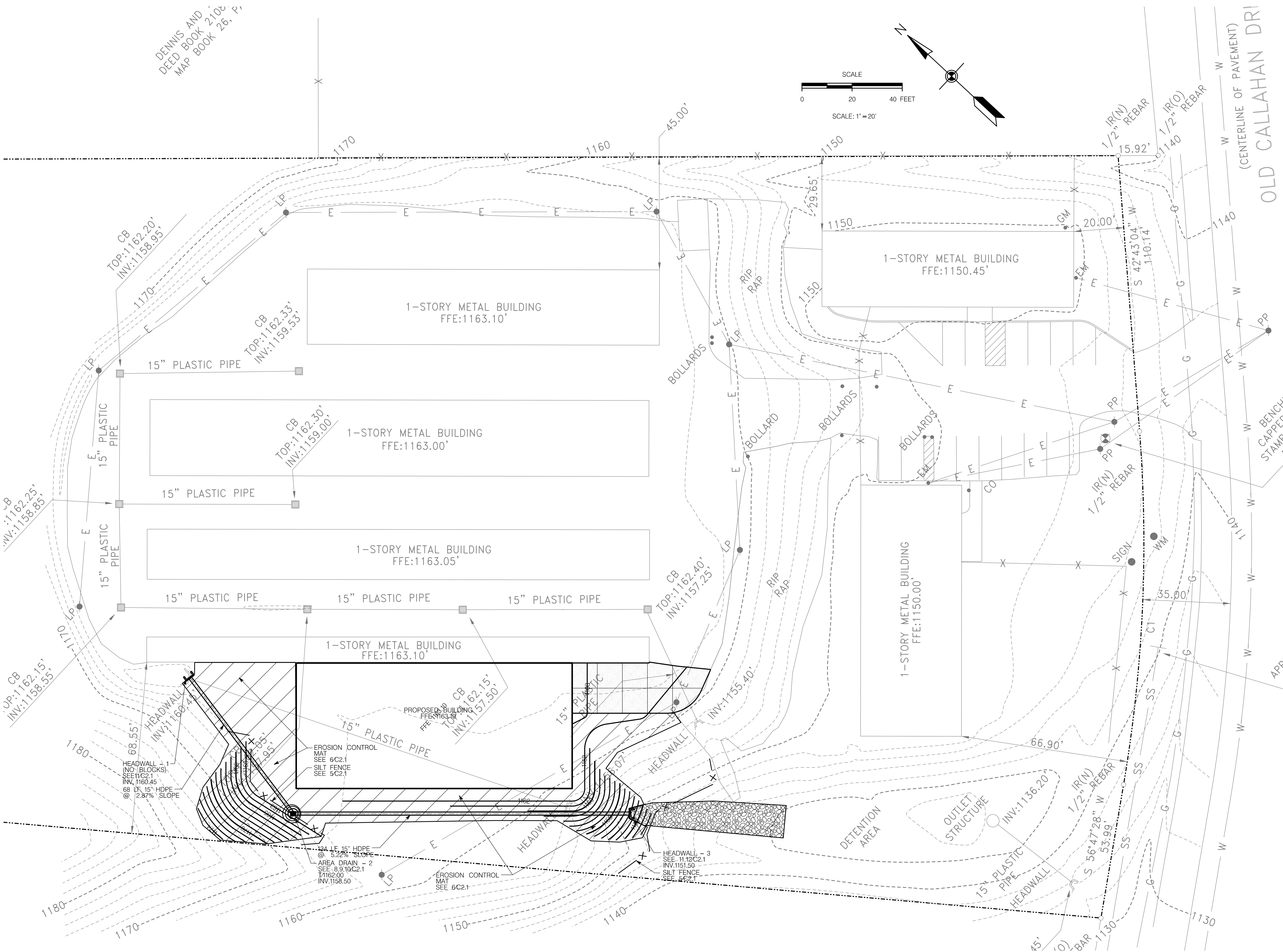


CALLAHAN ROAD  
STORAGE  
KNOXVILLE, TN

SITE GRADING PLAN

DATE: 23 APR 2018  
PROJECT NO.: 18025  
PROJ. MGR.: GAE

C1.3



**LEGEND:**

		GROUND CONTOUR ELEVATION
		SPOT ELEVATION
		STRUCTURE
		PROPERTY LINE
		EASEMENT
		EDGE OF PAVEMENT
		STORM DRAIN
		SANITARY SEWER
		POTABLE WATER
		NATURAL GAS
		UNDERGROUND ELECTRICAL
		MANHOLE
		WATER METER
		FIRE HYDRANT
		SURFACE FLOW
		RIPT RAP
		CURB
		CONCRETE PAVEMENT
		ASPHALT PAVEMENT
		CONSTRUCTION ENTRANCE
		EROSION CONTROL MAT

- SITE GRADING NOTES**
- SITE BENCHMARK: CONTACT SURVEYOR FOR LOCATION AND ELEVATION OF SITE BENCHMARK BASIS NGVD88.
  - SITE BOUNDARY AND TOPOGRAPHIC INFORMATION IS BASED ON A SURVEY BY ROTH SURVEYS DATED 01/2018. THE GRADING CONTRACTOR SHALL VERIFY CONDITIONS AND INFORM THE ENGINEER OF ANY DISCREPANCIES. THE ARCHITECT AND THE ENGINEER ACCEPT NO RESPONSIBILITY FOR THE ACCURACY AND/OR COMPLETENESS OF EXISTING CONDITIONS INFORMATION PROVIDED BY OTHERS.
  - UTILITY INFORMATION IS BASED ON INFORMATION OBTAINED FROM THE UTILITY PROVIDERS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACCURACY OF THIS INFORMATION.
  - CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES INCLUDING SILT FENCE, RIP RAP AND EROSION CONTROL MAT AS SOON AS PRACTICAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THESE STRUCTURES UNTIL THE SITE HAS BEEN SUFFICIENTLY STABILIZED.
  - THE CONTRACTOR SHALL EMPLOY SOILS CONSULTANTS FOR THE TESTING OF SOIL COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. SOIL SHALL BE COMPACTED TO 98% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR METHOD. SOIL MOISTURE CONTENT SHALL BE MAINTAINED WITHIN +/- 3% OF OPTIMUM.
  - THIS PROJECT MAY INVOLVE IMPORT OR WASTE OF FILL MATERIAL. THE CONTRACTOR SHALL REVIEW THIS PLAN, THE SITE SURVEY AND INSPECT THE SITE ITSELF. THE CONTRACTOR SHALL THEN FORMULATE HIS OWN OPINION AS TO THE APPLICABILITY OF THIS PLAN TO THE GOAL OF AN ECONOMICALLY OPTIMAL SITE. CONTACT THE ENGINEER IF CHANGES TO THIS GRADING PLAN ARE REQUIRED TO MEET THIS GOAL.
  - ALL SLOPES GREATER THAN 3:1 SHALL BE SPREAD WITH NORTH AMERICAN GREEN S-71 EROSION CONTROL FABRIC. INSTALL FABRIC PER MANUFACTURERS RECOMMENDATIONS.
  - NO SLOPES SHALL BE GREATER THAN 2 HORIZONTAL : 1 VERTICAL.
  - APPLY TEMPORARY SEEDING WHENEVER GRADING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS AND FINAL GRADING OR EXPOSED SURFACES IS TO BE COMPLETED WITHIN ONE YEAR. APPLY TEMPORARY SEEDING TO SOIL STOCKPILES.
  - APPLY PERMANENT SEEDING WHENEVER GRADING OPERATIONS ARE COMPLETED AND ALL CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. APPLY PERMANENT SEEDING TO ALL NON-CONSTRUCTION AREAS WHICH SHOW SIGNS OF EXCESSIVE EROSION.
  - EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL FOLLOW THE APPROVED PLAN DETAILS. IF DETAILS ARE NOT SHOWN, REFERENCE THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
  - SLOPES SHALL HAVE EROSION CONTROL MAT INSTALLED IMMEDIATELY AFTER SLOPE GRADING IS COMPLETED AND TOPSOIL HAS BEEN INSTALLED TO ENCOURAGE "LOCK IN" OF EROSION MAT.
  - ADEQUATE DRAINAGE, EROSION AND SEDIMENT CONTROL MEASURES, BEST MANAGEMENT PRACTICES, AND/OR OTHER STORMWATER MANAGEMENT FACILITIES SHALL BE PROVIDED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION. DAMAGES TO ADJACENT PROPERTY AND/OR THE CONSTRUCTION SITE CAUSED BY THE CONTRACTOR'S OR PROPERTY OWNER'S FAILURE TO PROVIDE AND MAINTAIN ADEQUATE DRAINAGE AND EROSION/SEDIMENT CONTROL FOR THE CONSTRUCTION AREA SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER AND/OR CONTRACTOR.
  - CONTRACTOR SHALL STORE CHEMICALS AND SOLUBLE MATERIALS IN AN ENCLOSED, WATERPROOF LOCATION OR PROVIDED WITH SECONDARY CONTAINMENT CAPABLE OF STORING THE CONTENTS OF THE TOTAL AMOUNT OF CHEMICALS STORED. SPILL CLEANUP MATERIALS MUST BE LOCATED WITHIN THE IMMEDIATE PROXIMITY OF THE MATERIALS AS WELL.
  - PLACEMENT OF PORTA-POTTIES ON THE PROJECT WILL NOT BE LOCATED CLOSE TO STREAMS, WETLANDS, OR STORM DRAINS.
  - NO VEHICLE MAINTENANCE OF CONSTRUCTION VEHICLES WILL OCCUR ON-SITE.
  - CONSTRUCTION MATERIALS WILL BE STAGED IN QUALITY TOPSOIL ON ALL DISTURBED AREAS AND ESTABLISH A THICK STAND OF GRASS ACCEPTABLE TO THE CITY OF KNOXVILLE.
  - CONTRACTOR SHALL INSTALL 4" THICK LAYER OF QUALITY TOPSOIL ON ALL DISTURBED AREAS AND ESTABLISH A THICK STAND OF GRASS ACCEPTABLE TO THE CITY OF KNOXVILLE.
  - LANDSCAPING WILL COMPLY WITH ALL ASPECTS OF THE CITY OF KNOXVILLE TREE PROTECTION ORDINANCE.

- CONSTRUCTION SEQUENCE OF EVENTS:**
- INSTALL EROSION CONTROL MEASURES
  - CONSTRUCT SEDIMENT POND
  - SITE CLEARING AND GRUBBING
  - SITE ROUGH GRADING
  - TEMPORARY SEEDING
  - FOUNDATION CONSTRUCTION
  - SLAB CONSTRUCTION
  - WALL/ROOF SYSTEM CONSTRUCTION
  - EXTERIOR/INTERIOR FINISH
  - PARKING LOT PAVING
  - FINISH GRADING
  - PERMANENT SEEDING/LANDSCAPING
  - SITE CLOSEOUT/LONG TERM MAINTENANCE

**PERMANENT COVER SEEDING MIXTURES**

SEEDING DATE	GRASS SEED	PERCENTAGES
FEBRUARY 1 TO JULY 1	KENTUCKY 31 FESCUE	80%
	KOREAN LESPEDEZA	15%
	ENGLISH RYE	5%
JUNE 1 TO AUGUST 15	KENTUCKY 31 FESCUE	55%
	ENGLISH RYE	20%
	KOREAN LESPEDEZA	15%
	GERMAN MILLET	10%
APRIL 15 TO AUGUST 15	BERMUDAGRASS (HULLED)	70%
	ANNUAL LESPEDEZA	30%
	KENTUCKY 31 FESCUE	70%
AUGUST 1 TO DECEMBER 1	KENTUCKY 31 FESCUE	70%
	ENGLISH RYE	20%
	WHITE CLOVER	10%
	KENTUCKY 31 FESCUE	70%
FEBRUARY 1 TO DECEMBER	KENTUCKY 31 FESCUE	70%
	CROWN VETCH	25%
	ENGLISH RYE	5%

**TEMPORARY COVER SEEDING MIXTURES**

SEEDING DATE	GRASS SEED	PERCENTAGES
JANUARY 1 TO MAY 1	ITALIAN RYE	33%
	KOREAN LESPEDEZA	33%
	SUMMER OATS	34%
MAY 1 TO JULY 15	SUDAN - SORGHUM	100%
	STARR MILLET	100%
MAY 1 TO JULY 15	STARR MILLET	100%
	BALBOA RYE	67%
JULY 1 TO JANUARY 1	ITALIAN RYE	33%

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Revised: 4/24/2018

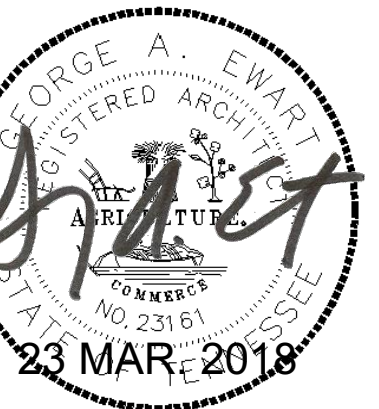




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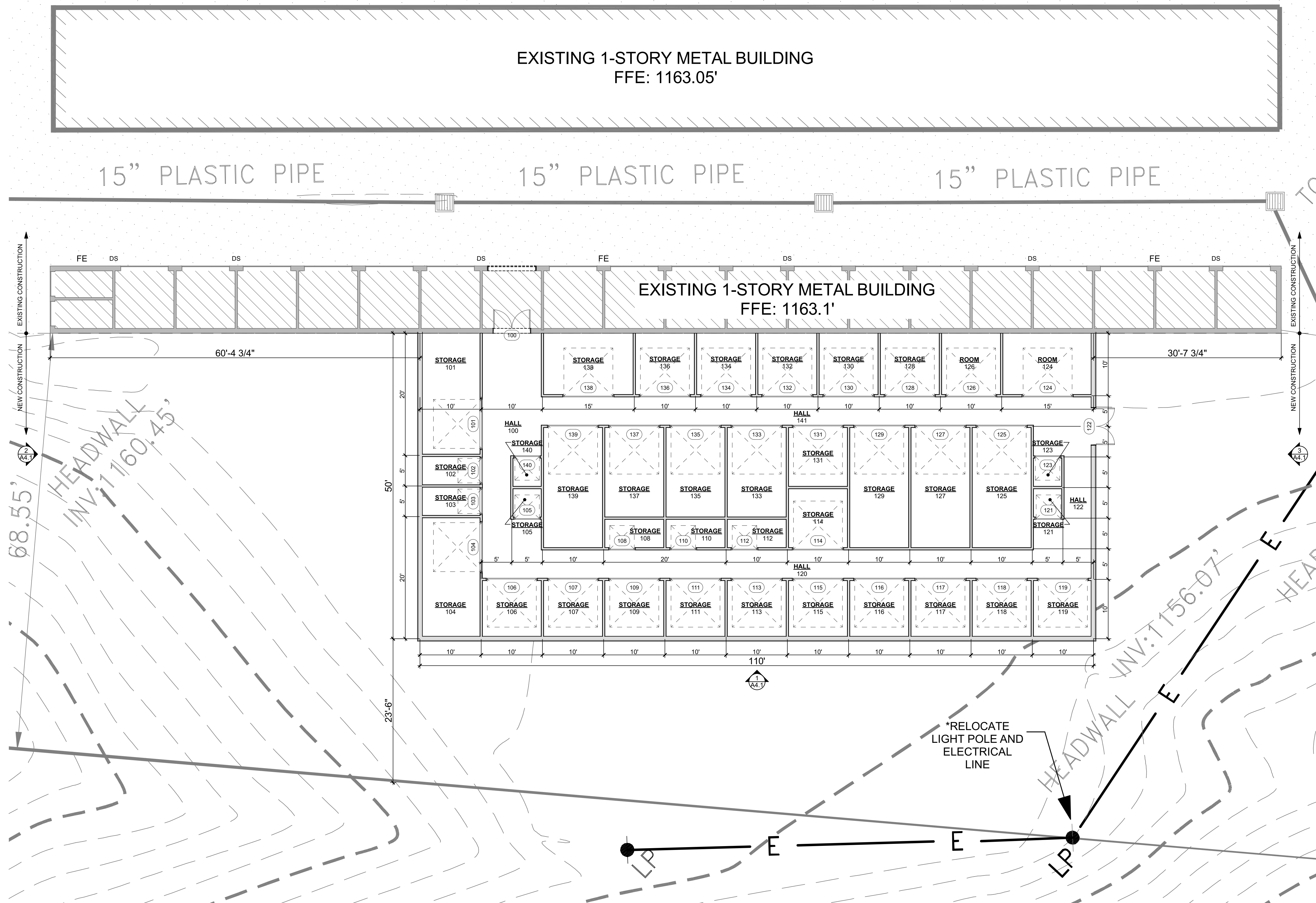
NEW ADDITION FOR  
**CALLAHAN ROAD  
STORAGE**  
KNOXVILLE, TN



FLOOR PLAN

DATE: 23 MAR. 2018  
PROJECT NO.: 18025  
PROJECT MGR.: GAE

**A1.1**



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

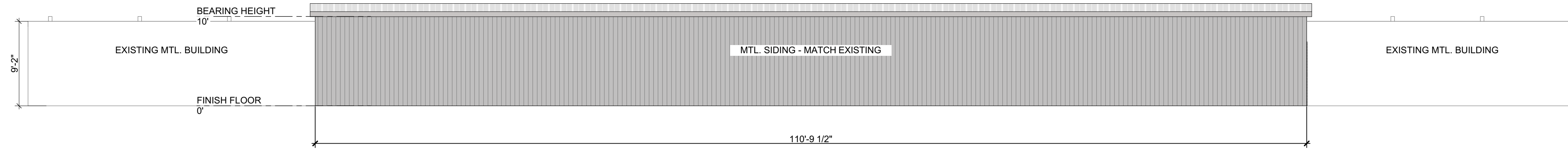
**PARTITION LEGEND:**

**NOTES:**

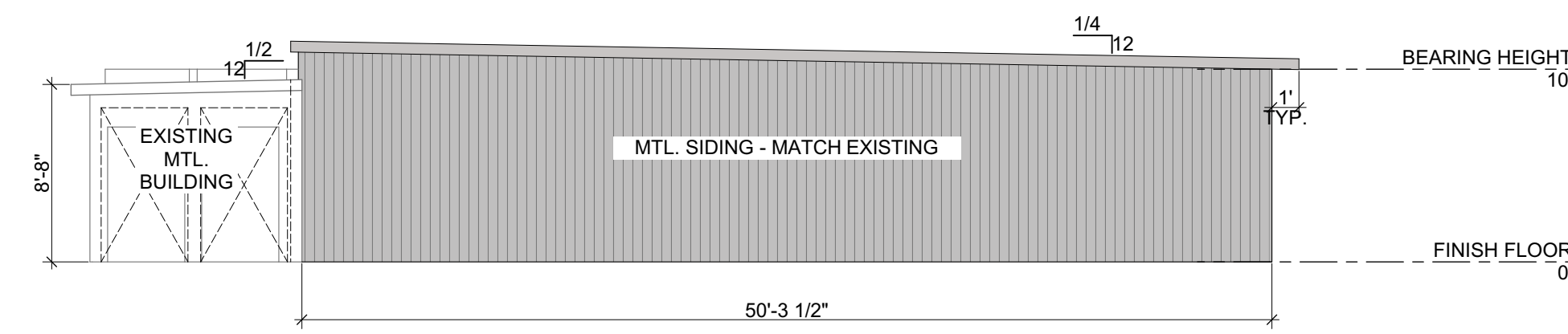
- 1) REFER TO SHEET A4.1 FOR PARTITION DETAILS.
- 2) UNLESS NOTED OTHERWISE, ALL PARTITIONS ARE TYPE '1' - CONTACT ARCHITECT FOR CLARIFICATION IF REQUIRED.
- 3) REFER TO PLAN FOR INDICATION OF SOUND BLANKET INSULATION BY THE FOLLOWING SYMBOL: ~~~~~

- ◆ 3 5/8" STL. STUD W/ CORRUGATED MTL. PANEL EACH SIDE
- ◆ 6" STL. STUD W/ CORRUGATED MTL. PANEL EACH SIDE
- EXISTING STL. STUD WALL TO REMAIN

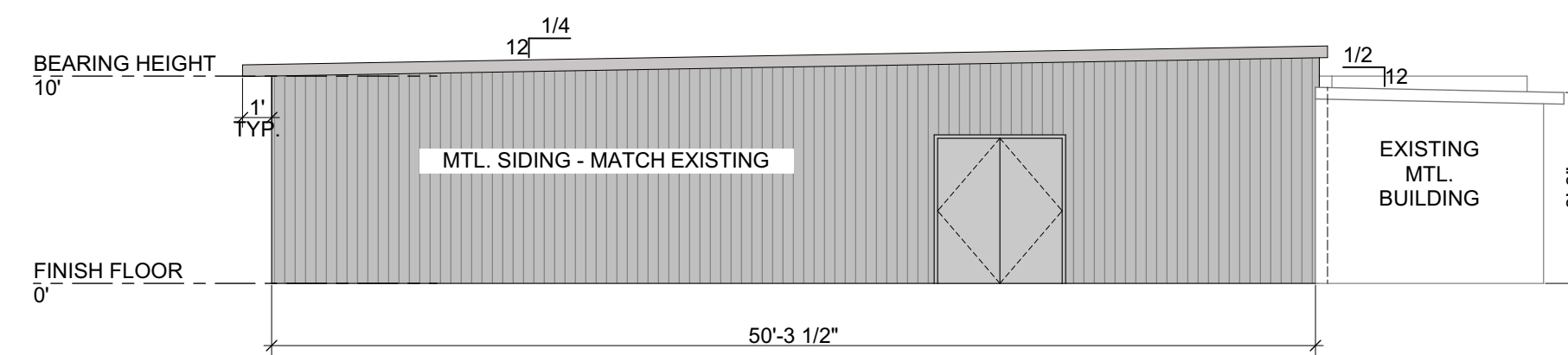
5-D-18-UR  
3/26/2018



1 WEST ELEVATION  
A4.1 SCALE: 1/8" = 1'-0"



2 NORTH ELEVATION  
A4.1 SCALE: 1/8" = 1'-0"



3 SOUTH ELEVATION  
A4.1 SCALE: 1/8" = 1'-0"



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NEW ADDITION FOR  
**CALLAHAN ROAD  
STORAGE**  
KNOXVILLE, TN



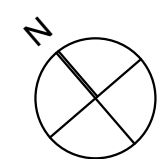
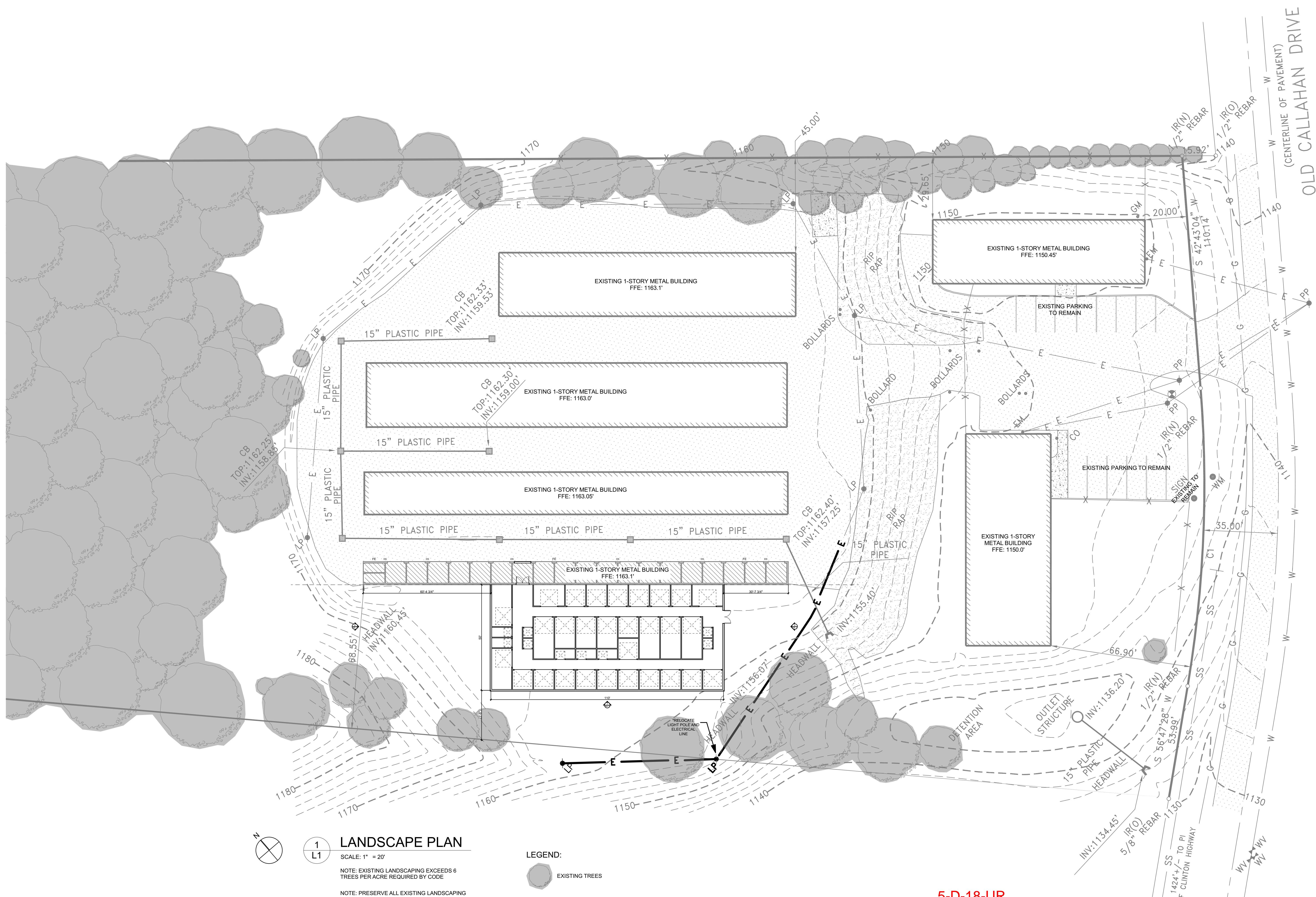
ELEVATIONS

5-D-18-UR  
3/26/2018

DATE: 23 MAR. 2018  
PROJECT NO.: 18025  
PROJECT MGR.: GAE

A4.1





1  
L1

**LANDSCAPE PLAN**

SCALE: 1" = 20'  
 NOTE: EXISTING LANDSCAPING EXCEEDS 6 TREES PER ACRE REQUIRED BY CODE  
 NOTE: PRESERVE ALL EXISTING LANDSCAPING WHERE POSSIBLE

**LEGEND:**

EXISTING TREES

5-D-18-UR  
 3/26/2018



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NEW ADDITION FOR  
**CALLAHAN ROAD  
 STORAGE**  
 KNOXVILLE, TN



LANDSCAPE PLAN

DATE: 23 MAR. 2018  
 PROJECT NO.: 18025  
 PROJECT MGR.: GAE

L1