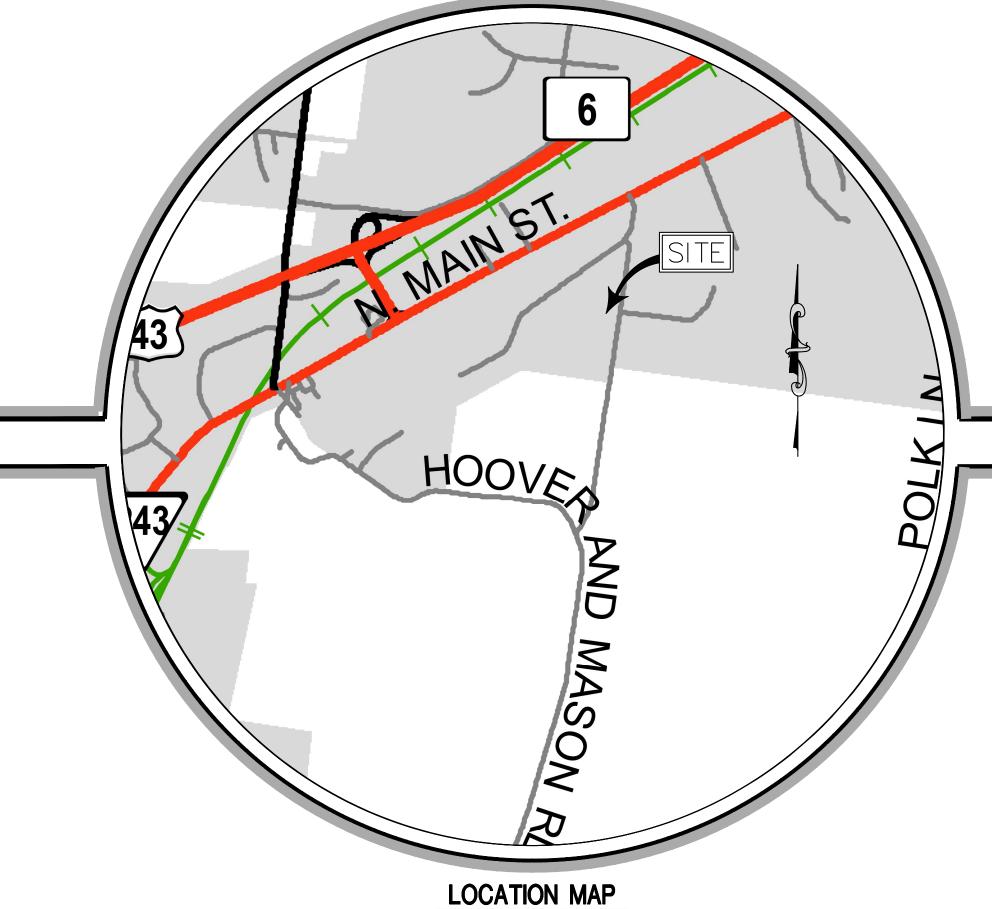
# A SITE PLAN FOR

# LAB LAND HOLDINGS, LLC

HOOVER MASON LN, MT PLEASANT, TENNESSEE TAX MAP 126, PARCEL 45.16 +/- 4,000 SF INDUSTRIAL BUILDING



#### SPECIFIED SEQUENCE OF WORK FOR THE SELECTED CONTRACTOR:

- INSTALL PHASE 1 OF EROSION PREVENTION & SEDIMENT CONTROL MEASURES. 2. BEGIN SITE EXCAVATION & FILLING TO CONSTRUCT DETENTION BASIN TO FUNCTION AS
- SEDIMENT TRAP DURING CONSTRUCTION. BEGIN BUILDING CONSTRUCTION & UTILITY CONSTRUCTION.
- 5. COMPLETE SOIL STABILIZATION (FINAL DRESSING SITE) ONCE BUILDING IS NEARING
- 6. COMPLETE PUNCH LIST ITEMS, AS-BUILT, INFRASTRUCTURE CERTIFICATIONS AS REQUIRED

## NOT TO SCALE MT PLEASANT, MAURY COUNTY, TENNESSEE

### NOT BE MADE TO THE APPROVED SITE PLAN UNLESS APPROVED BY THE RELEVANT DEPARTMENT SUPERINTENDANT OR THE PLANNING COMMISSION.

THIS SITE PLAN HAS BEEN DESIGNED TO MEET THE

BEEN ISSUED BY THE MUNICIPALITY. CHANGES SHALL

TENNESSEE. THE PLANS ARE NOT RELEASED FOR

CONSTRUCTION UNTIL THE RELATIVE PERMIT HAS

CRITERIA OF THE CITY OF MT PLEASANT,

#### **UTILITY COMPANIES:**

UTILITIES SHOWN ARE BASED ON LIMITED DATA. THERE IS NO GUARANTEE AS TO THEIR LOCATION OR SIZE. PLEASE CONTACT RESPECTIVE UTILITY COMPANIES PRIOR TO CONSTRUCTION. POSSIBLE CONTACTS IN THIS AREA

CITY OF MT. PLEASANT

MT. PLEASANT POWER SYSTEM SPECTRUM 123 N. MAIN ST.

100 PUBLIC SQUARE MT. PLEASANT, TN 38474 MT. PLEASANT, TN 38474

**STORM WATER:** CITY OF MT. PLEASANT

CITY OF MT. PLEASANT 100 PUBLIC SQUARE 100 PUBLIC SQUARE MT. PLEASANT. TN 38474 MT. PLEASANT, TN 38474 (931) 379-7717 (931) 379-7717

CITY OF MT. PLEASANT 100 PUBLIC SQUARE MT. PLEASANT, TN 38474

618 S. JAMES CAMPBELL BLVD. COLUMBIA, TN 38401

**CABLE TELEVISION:** 2008 S. MAIN ST. COLUMBIA, TN 38401

**CABLE TELEVISION:** 904 S. HIGH ST. COLUMBIA, TN 38401 (931) 380-3448

CITY OF MT. PLEASANT 100 PUBLIC SQUARE MT. PLEASANT, TN 38474

Know what's **below** Call before you dig. PRIMARY CONTRACTOR INFORMATION:

COMPANY NAME: \_\_\_\_\_\_CONTACT PHONE: \_\_\_\_\_

TDEC LEVEL I CERTIFIED 24 HOUR POINT OF CONTACT FOR SOIL EROSION CONTROL:

NAME:

PHONE:

STATE OF TENNESSEE NPDES PERMIT - NOTICE OF COVERAGE TRACKING NUMBER:

RELEASED FOR CONSTRUCTION WHEN

## SHEET INDEX

COVER (THIS SHEET) LAYOUT & UTILITY PLAN GRADING & DRAINAGE PLAN

EPSC DETAILS

CONSTRUCTION DETAILS C-4.1 C5.0 LANDSCAPE PLAN

**REFERENCES:** 

BOUNDARY SURVEY 1 OF 1 SITE LIGHTING PHOTOMETRIC PLAN

CONSTRUCTION DETAILS

# GENERAL NOTES

**EPSC PLAN PHASE 1** EPSC PLAN PHASE 2

- PROPOSED USE: INDUSTRIAL/DISTRIBUTION FACILITY HELIOS
- A PRE CONSTRUCTION MEETING WITH THE MUNICIPALITY IS REQUIRED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 4. THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION, OR VARIANCE
- DEVELOPER SHALL COMPLY WITH TDEC EROSION PREVENTION AND SEDIMENTATION CONTROL HANDBOOK, CURRENT
- UNDERGROUND DRY UTILITIES SHALL BE EXTENDED FROM EXISTING LOCATIONS TO SERVICE THIS SITE AS REQUIRED BY UTILITY
- THE ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- HANDICAP PARKING SPACES SHALL BE MARKED WITH ABOVE GRADE SIGNS IN ACCORDANCE WITH CURRENT ADA STANDARDS. VAN ACCESSIBLE SPACES SHALL BE MARKED AS SUCH.
- 9. ALL ON-SITE TRAFFIC SIGNS SHALL MEET THE REQUIREMENTS OF THE CITY ENGINEERING REQUIREMENT, ZONING ORDINANCE
- 10. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT STANDARDS AND SPECIFICATIONS OF TH CITY OF MT PLEASANT TENNESSEE.
- I. UTILITIES AS SHOWN INDICATE THE APPROXIMATE LOCATION OF FACILITIES ONLY AND NO GUARANTEE IS GIVEN TO THE COMPLETENESS OR ACCURACY THEREOF. NO EXCAVATION MAY BE MADE WITHIN 4 FEET OF THESE UTILITIES UNLESS AND UNTIL SUCH UTILITIES HAVE BEEN POSITIVELY LOCATED AS TO HORIZONTAL AND VERTICAL POSITION. CONTRACTOR SHALL CONTACT UTILITY COMPANY AND "TENNESSEE ONE CALL" AT 811 (1-800-351-1111) THREE WORKING DAYS PRIOR TO THE
- BOUNDARY AND FLOODWAY MAP COMMUNITY PANEL NO. 47119C0270E, ('ZONE X')
- THE LIMIT OF CONSTRUCTION IS SHOWN ON THE CONSTRUCTION PLANS. ANY WORK OUTSIDE OF THE LIMIT OF CONSTRUCTION IS TO BE COORDINATED BY THE CONTRACTOR AND PRE-APPROVED BY THE APPROPRIATE PROPERTY

# SITE DATA

PARCEL NUMBER **TAX MAP 126, PARCEL 45.16** DEED BOOK: R3061, PG 41

PLAT BOOK: 23, PG 544

PARCEL ADDRESS: HOOVER MASON LANE MT PLEASANT, TENNESSEE 38474

**EXISTING ZONING:** IL - LIGHT INDUSTRIAL

ACREAGE OF SITE: ± 3.32 ACRES

DISTURBED ACREAGE: ± 2.65 ACRES

MINIMUM REQUIRED BUILDING SETBACK LINES:

50' FRONT (MINOR) 50' REAR

50' SIDE

PROPOSED PARKING: CONTRACTOR OFFICE & STORAGE YARD 1 PER 400 OFC & 1 PER 5000 STORAGE

OFFICE: 2,000 SF - 5 SPACES

STORAGE: 23,685 - 5 SPACES

10 SPACES REQUIRED

10 SPACES PROVIDED

LAB LAND HOLDINGS, LLC 2411 DARKS MILL ROAD

COLUMBIA, TN 38401

SAMANTHA LARSON

# **PROPRIETOR**

PROPERTY OWNER

LAB LAND HOLDINGHS 2411 DARKS MILL ROAD COLUMBIA, TN 38401

CONTACT: SAMANTHA LARSON

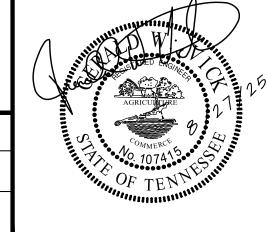


COLUMBIA, TN 38401 PHONE: (931) 388-2329 www.wesengineers.com

**ENGINEER'S SEAL** 

LAB LAND HOLDINGS, LLC (HELIOS) 2411 DARKS MILL ROAD COLUMBIA, TN 38401

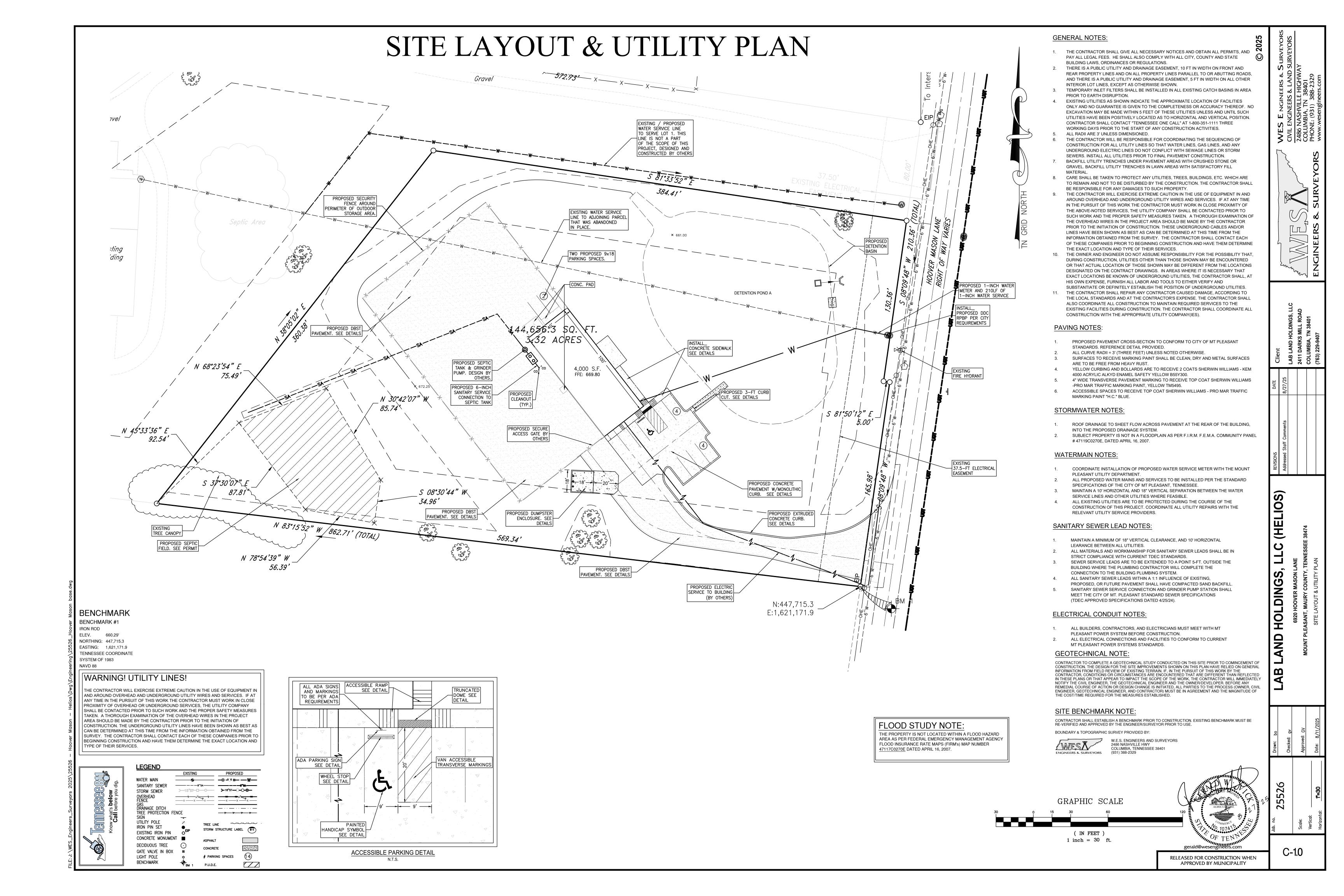
DATE PROJECT No. 25-526 Idressed Staff Comments SHEET 1 OF 11 DATE: 8/11/2025

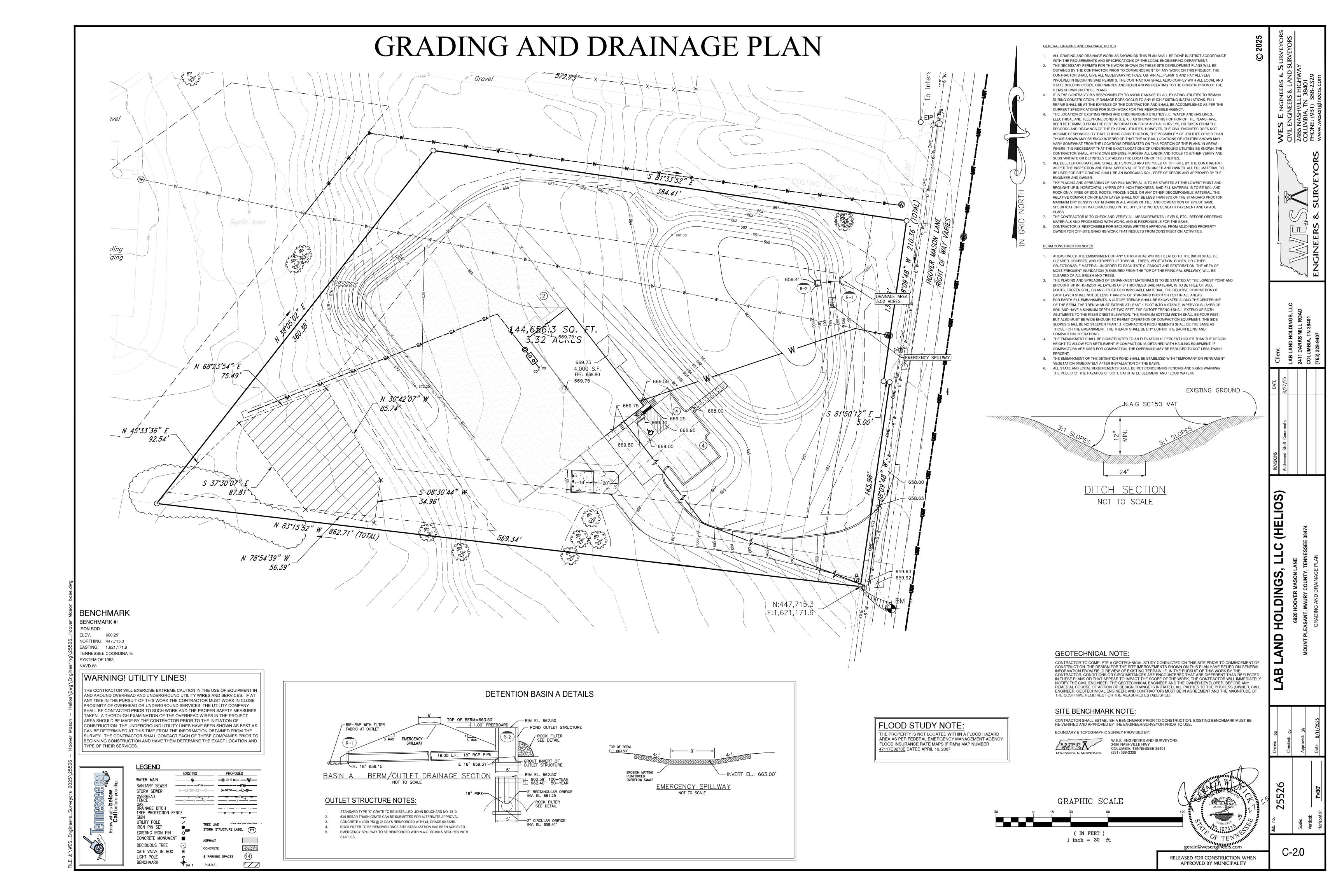


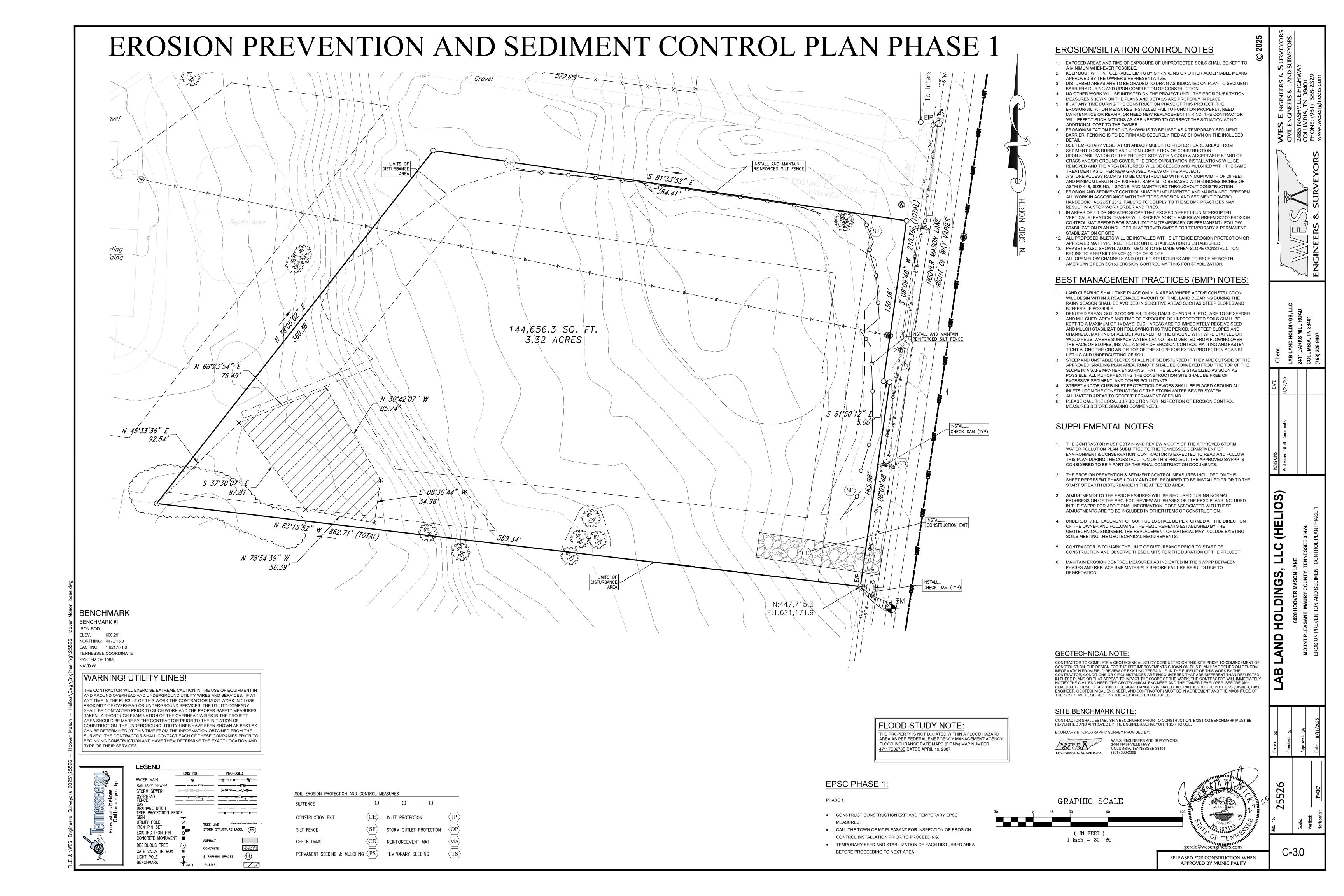
WES ENGINEERS & SURVEYORS **CIVIL ENGINEERS & LAND SURVEYORS** 

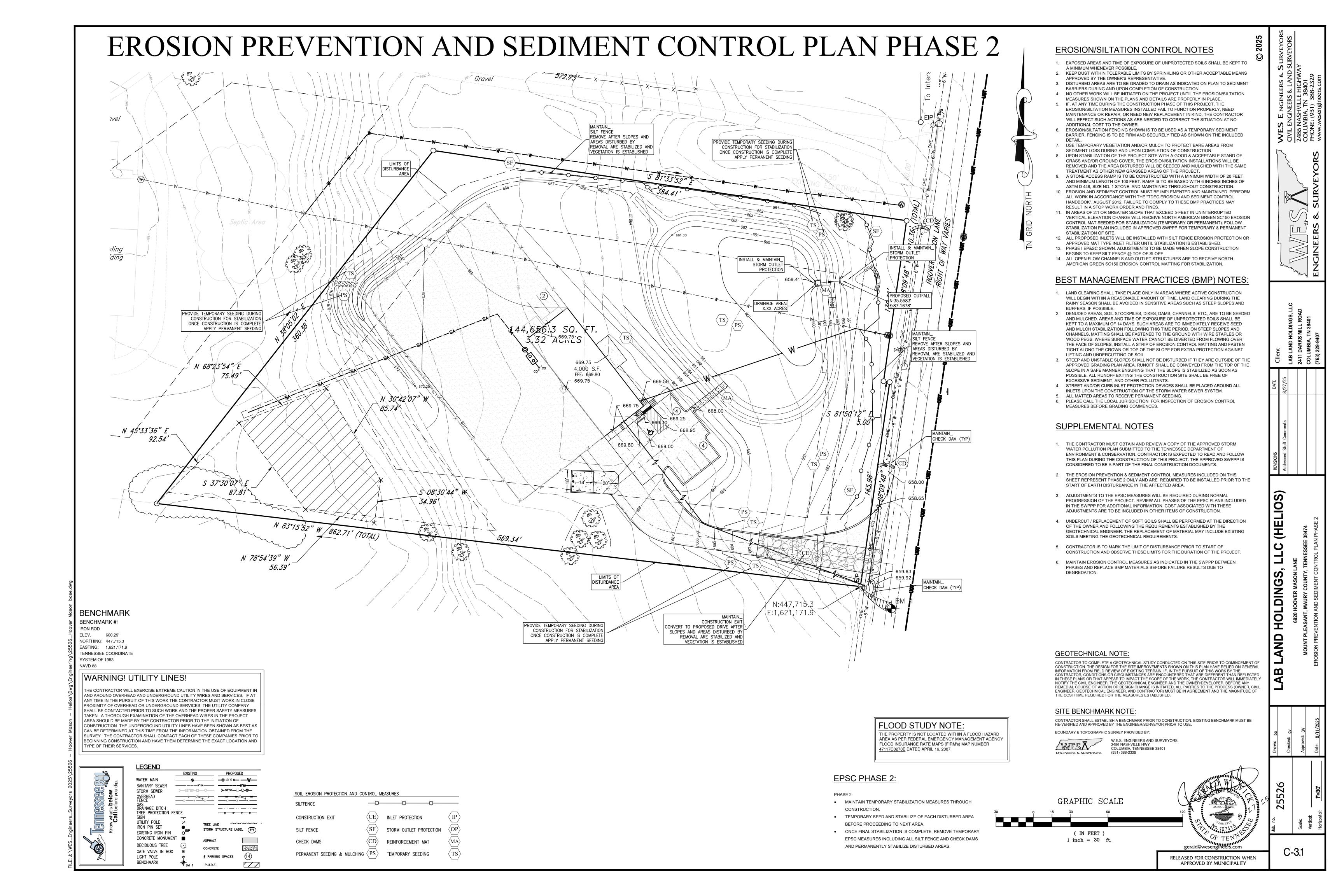
2486 NASHVILLE HIGHWAY

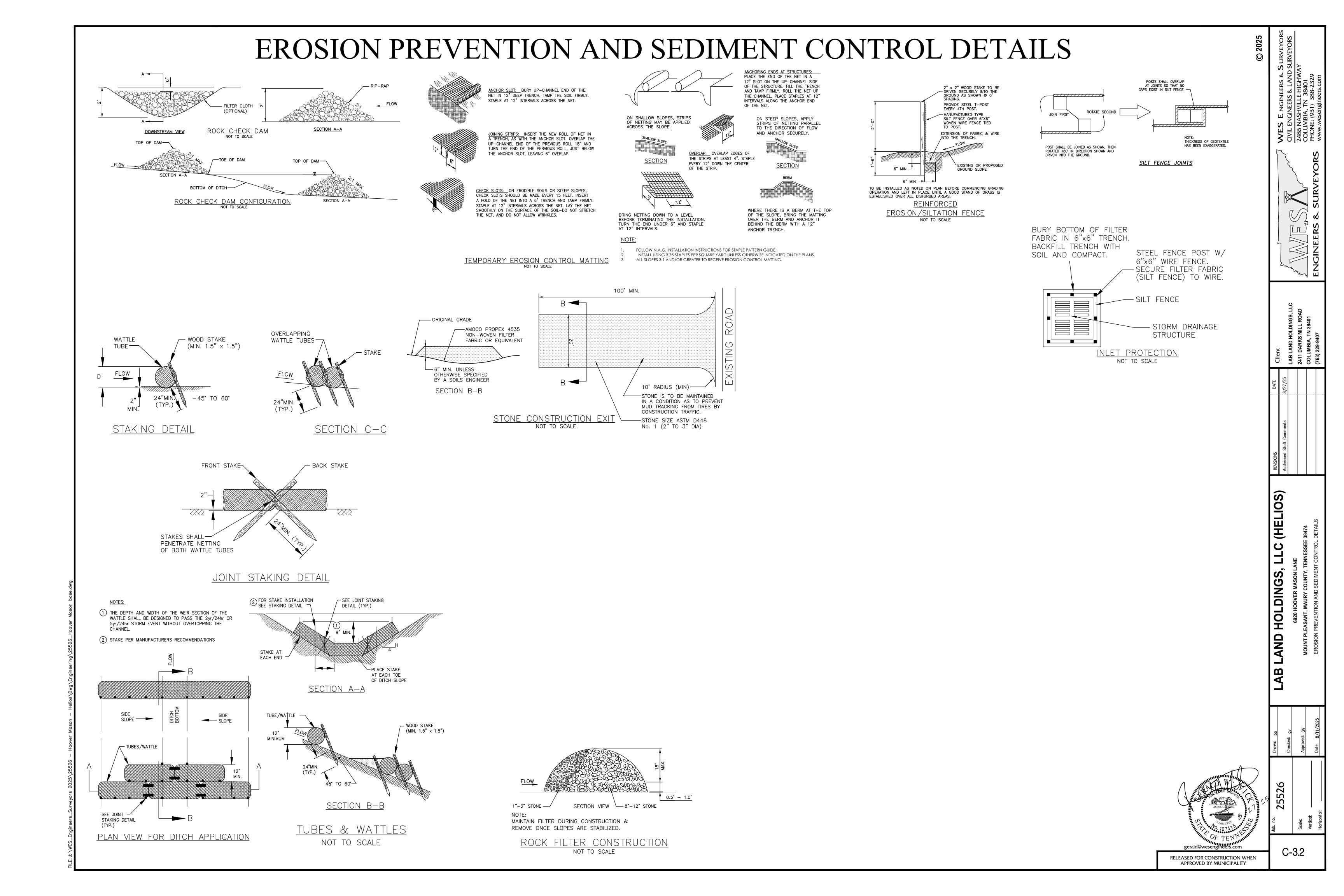
B LAND HOLDINGS HOOVER MASON MT PLEASANT, TENI



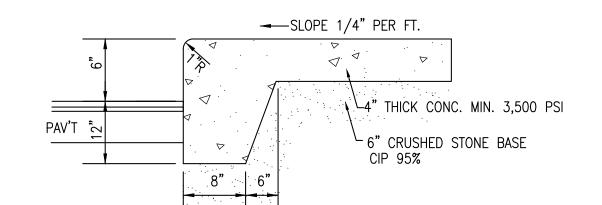






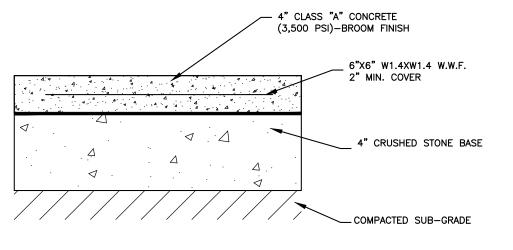


# CONSTRUCTION DETAILS



## CONC. WALK/CURB DETAIL

**CONCRETE SIDEWALK** 



DETAILS INCLUDED IN THE CONSTRUCTION DOCUMENTS.

10. FIBER REINFORCEMENT REQUIRED AS INDICATED IN DETAILS.

REQUIRED AT ALL ISOLATION JOINTS.

COORDINATE WITH THE TRANSVERSE JOINTS.

SCALE: NOT TO SCALE

NOTE: CONTROL JOINT EVERY 5' EXPANSION JOINT EVERY 25' UNLESS OTHERWISE NOTED.

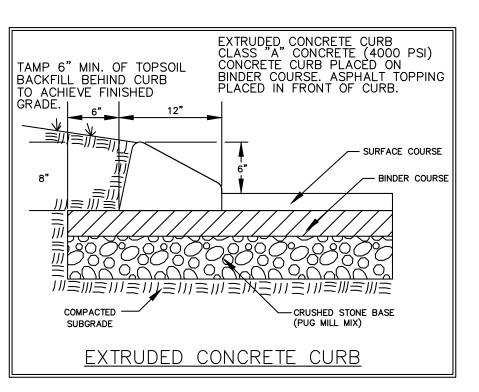
COMPACTED SELECT MATERIAL IN ACCORDANCE WITH GEOTECHNICAL RECOMMENDATIONS.

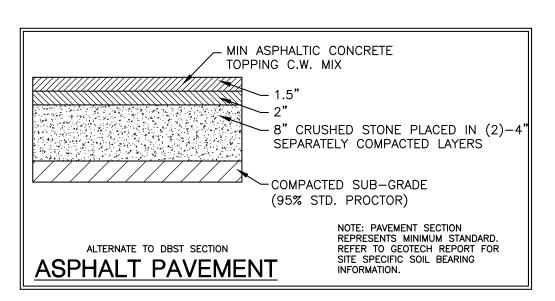
ALL TRANSVERSE JOINTS ARE TO BE SAW JOINTS AT A DEPTH OF T/4 AT THE SPACING INDICATED IN THE DETAILS.

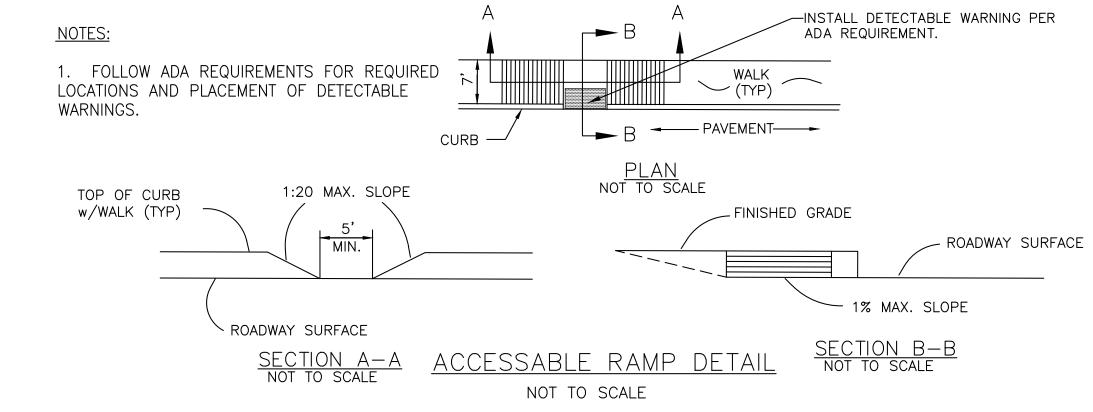
ALL SAW JOINTS TO BE SEALED WITH LOW MODULUS HOT-POURED POLYMERIC SEALANT TYPE COMPOUND.

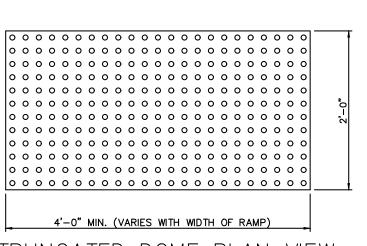
ALL TRANSVERSE JOINTS ARE UNDOWELLED AND EDGE SUPPORT IS REQUIRED (TIED CURB AND GUTTER)

ISOLATE ALL STRUCTURES THAT ARE LOCATED IN OR PROTRUDE INTO THE CONCRETE PAVEMENT





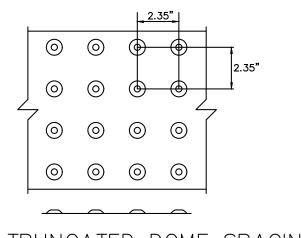




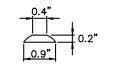
TRUNCATED DOME PLAN VIEW

NOTES:
1. DETECTABLE WARNINGS SHALL BE INSTALLED PER MANUFACTURERS 2. WIDTH OF DETECTABLE WARNING AREA SHALL BE A MINIMUM OF 4 FEET AND VARY WITH WIDTH OF RAMP. OF SECTION WIDTH. DETECTABLE WARNING DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES. 5. THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SERVICE. 6. DETECTABLE WARNINGS USED ON INTERIOR SURFACES SHALL DIFFER FROM ADJOINING WALKING SURFACES IN RESILIENCY OR SOUND-ON-CANE 7. THE MATERIAL USED TO PROVIDE CONTRAST SHOULD CONTRAST BY AT LEAST 70%. CONTRAST IN PERCENT IS DETERMINED BY:  $CONTRAST = [(B1-B2)/B1] \times 100$ 

WHERE B1= LIGHT REFECTANCE VALUE (LRV) OF THE LIGHTER AREA AND B2 = LIGHT REFLECTANCE VALUE (LRV) OF THE DARKER AREA. (NOTE THAT IN ANY APPLICATION BOTH WHITE AND BLACK ARE NEVER ÀBSOLUTE; THUS, B1 NEVER EQUALS 100 AND B2 IS ALWAYS GREATER



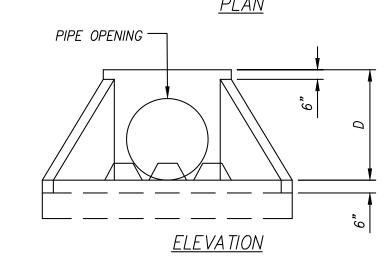
TRUNCATED DOME SPACING



RUNCATED DOME SECTION

1" DIA. HOLE-

REQUIRES TWO #3 STEEL BAR STAKES 2' LONG FOR EACH CURB SECTION. DRIVE #3 BARS FLUSH WITH TOP. LOCATE WHEEL STOP 2' FROM FACE OF SIDEWALK HEADER OR EDGE OF PAVEMENT



CONCRETE CURB

PAVEMENT

SYSTEM

3' CURB

6" CLASS CONCRETE

CURB CUT WITH CONCRETE FLUME

NOT TO SCALE

MAX. OPENING

MINIMUM 2" CONCRETE COVER ON REBAR. CONCRETE: CLASS A - 3500 PSI @ 28 DAYS W/ AIR ENTRAINMENT. ALL PICK UP POINTS AND PIPE OPENINGS TO BE GROUTED BY CONTRACTOR WITH NON-SHRINK GROUT. 3/4" CHAMFER ON ALL EXPOSED EDGES.

WIRE MESH

| BW | CW | DW

36" | 64" | 83"

8" | 8" | 8"

32" | 55" | 75"

1,380 | 3,100 | 8,100 | 11,400

80" | 99"

102" | 120"

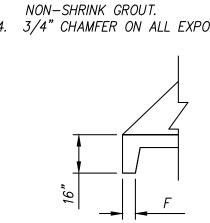
60" | 66"

48"

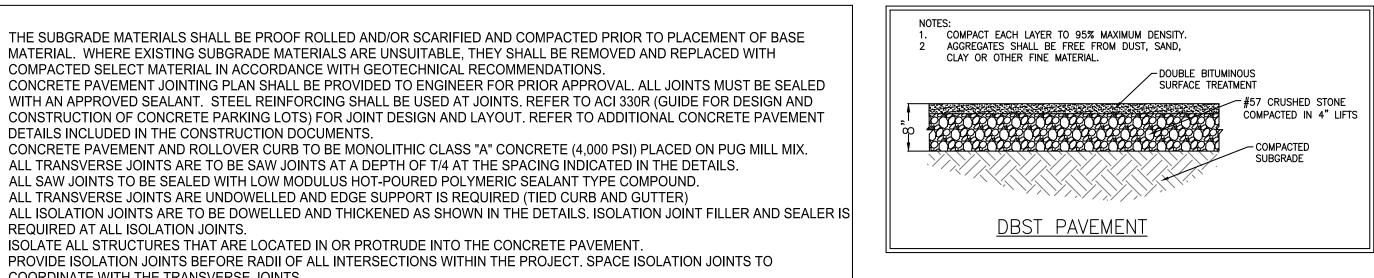
30" | 44" | 54" | 56"

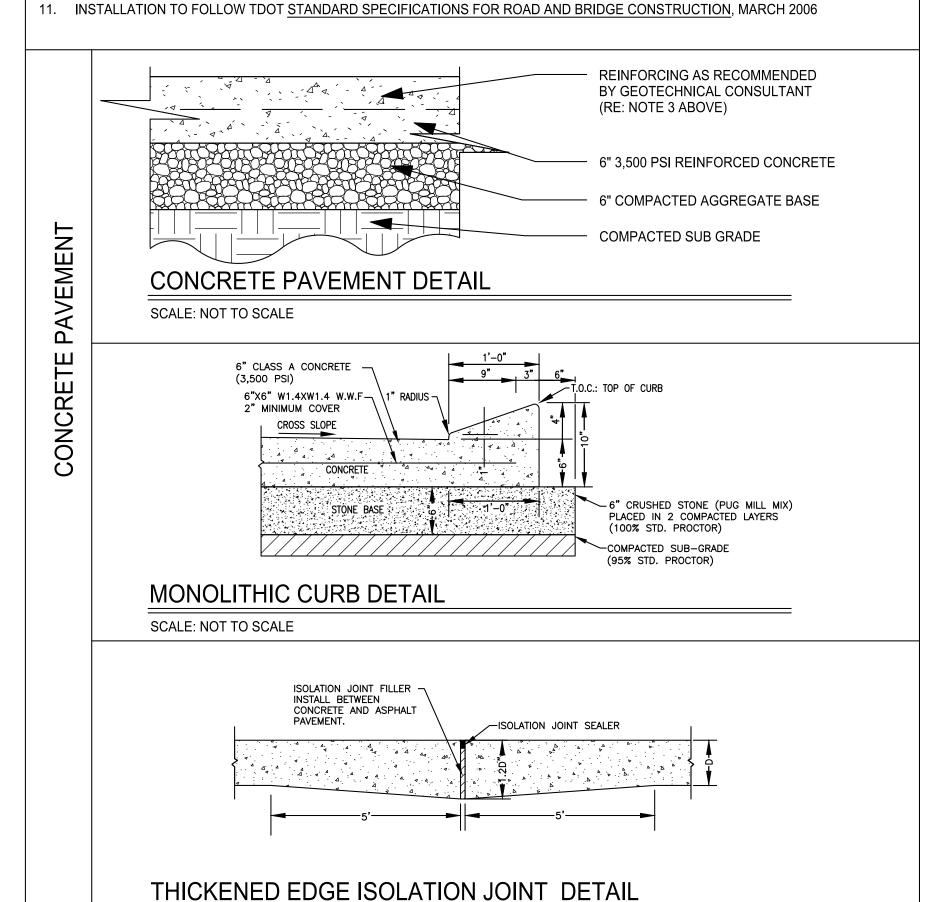
CONCRETE

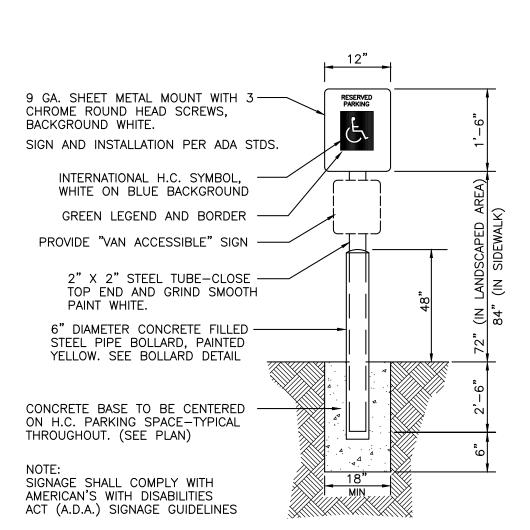
FLUME



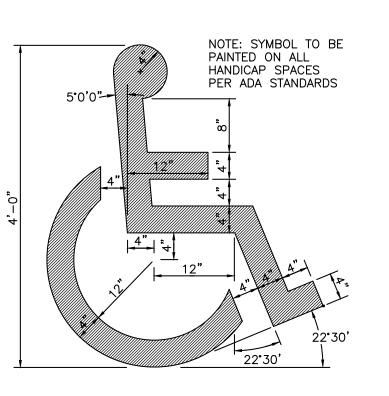
TOE DETAIL CONCRETE HEADWALL W/ENERGY DISSIPATORS NOT TO SCALE



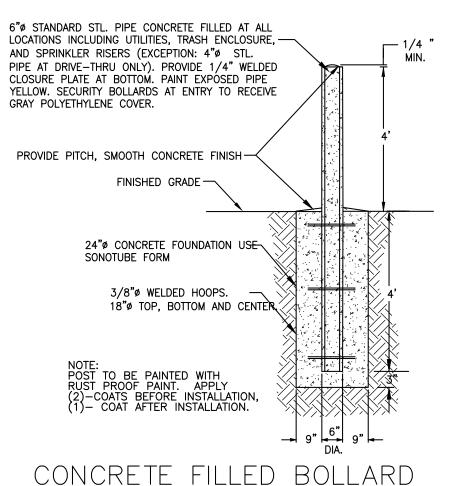


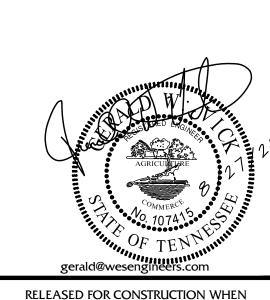


ACCESSIBLE SIGN NOT TO SCALE



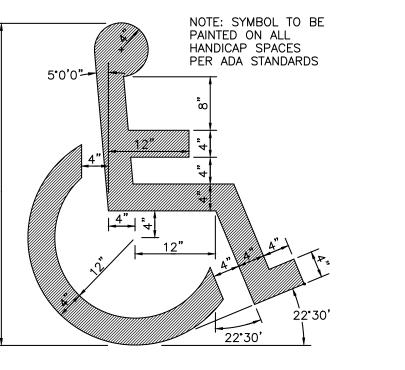
PAINTED HANDICAP SYMBOL NOT TO SCALE





HOLDINGS

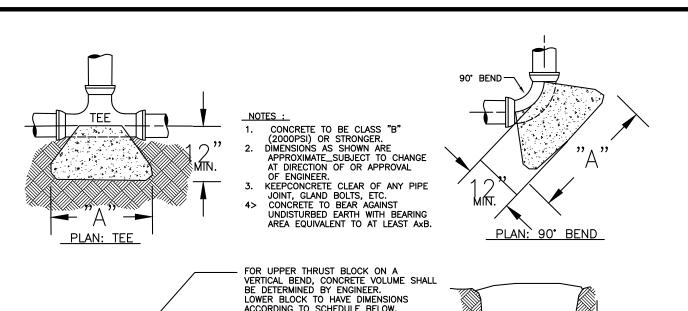
APPROVED BY MUNICIPALITY



CONCRETE WHEEL STOP

NOT TO SCALE

NOT TO SCALE



# - FOR UPPER THRUST BLOCK ON A VERTICAL BEND, CONCRETE VOLUME SHALL BE DETERMINED BY ENGINEER. LOWER BLOCK TO HAVE DIMENSIONS ACCORDING TO SCHEDULE BELOW. FITTING TO BE FIXED TO UPPER BLOCK USING 1/4"x1/2" STEEL STRAP PROTECTED WITH 2 COATS BITUMASTIC PAINT (OR AS OTHERWISE APPROVED BYB ENGINEER)

GRAVITY-TYPE THRUST BLOCK

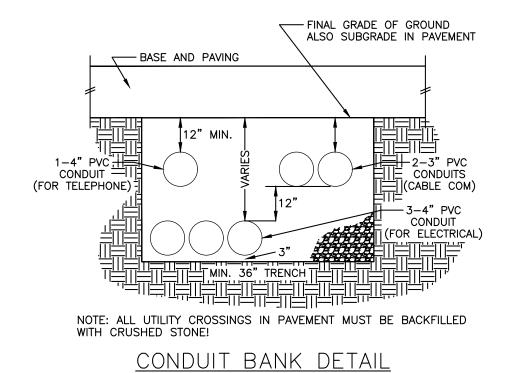
WEIGHT IS CRITICAL-MUST BE DETERMINED OR APPROVED BY ENGINEER

SECTION

<u> </u>	0011501			DE4_DE01#BED			
SCHEDULE OF MINUMIM BEARING AREA REQUIRED BASED ON 2000 PSI INTERNAL PRESSURE AND 4000 PSI SOIL BEARING CAPACITY *							
PIPE SIZE	TEE OR DEAD END	90° BEND	45° BEND	22 1/2° BEND	111/2° BEND		
4"	1.0	1.5	1.0	1.0	1.0		
6"	2.5	3.0 5.5	2.0 3.0	1.0 1.5	1.0		
8"	4.0						
10"	6.0	8.5	4.5	2.5	1.5		
12"	8.5	12.0	6.5	3.0	2.0		
16" 15.0		21.5	11.0	6.0	3.0		
VALUES ARE TABULATED IN SQUARE FEET							

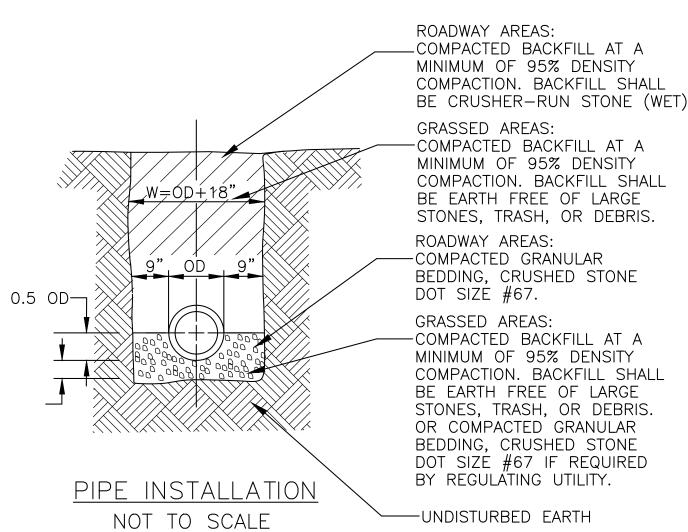
\* ENGINEER TO CONFIRM ACTUAL REQUIREMENTS BEFORE CONSTRUCTION OF THE THRUST BLOCK. BEARING AREA (SQUARE FEET) = A(FEET)xB(FEET)

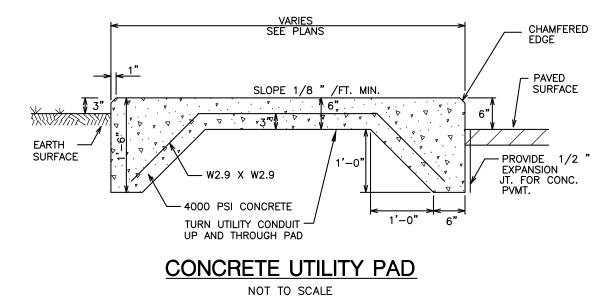
CONCRETE THRUST BLOCK NOT TO SCALE

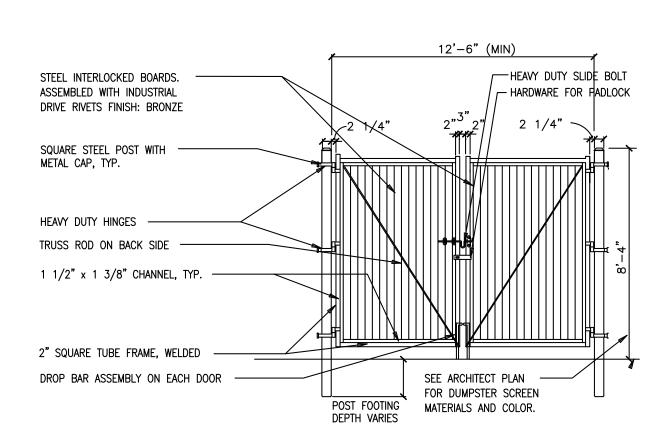


NOT TO SCALE

# CONSTRUCTION DETAILS

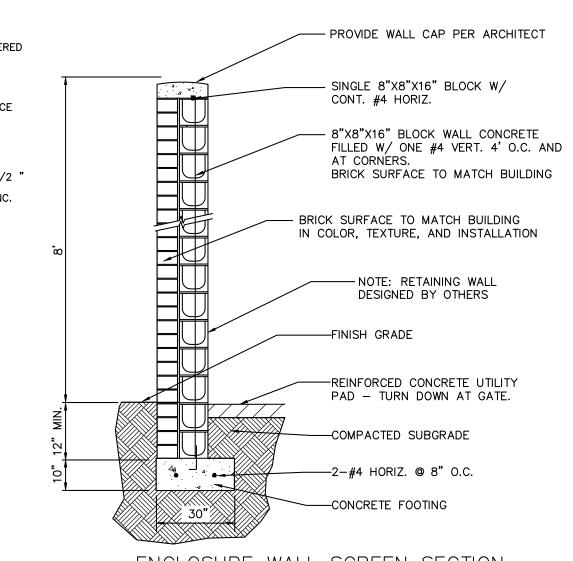






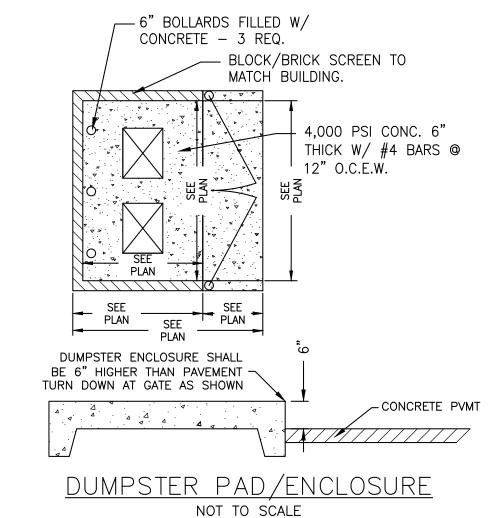
ALL DUMPSTER ENCLOSURES TO BE CONSTRUCTED OF BLOCK TO MATCH BUILDING UNLESS OTHERWISE NOTED ON PLANS.

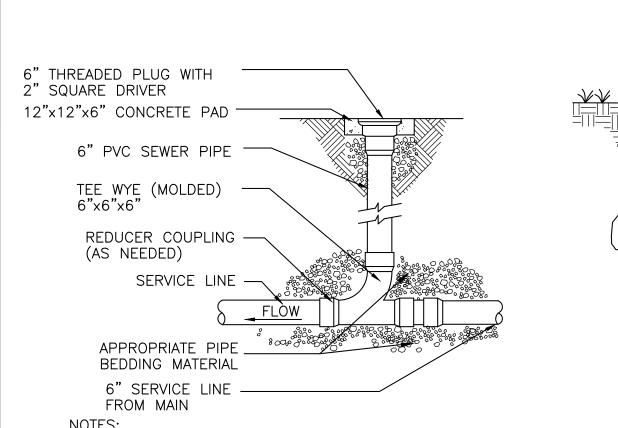
DUMPSTER SCREEN GATE ELEVATION NOT TO SCALE



0

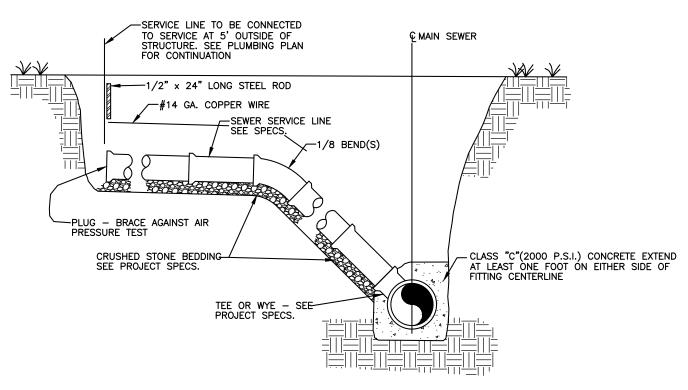
ENCLOSURE WALL SCREEN SECTION NOT TO SCALE





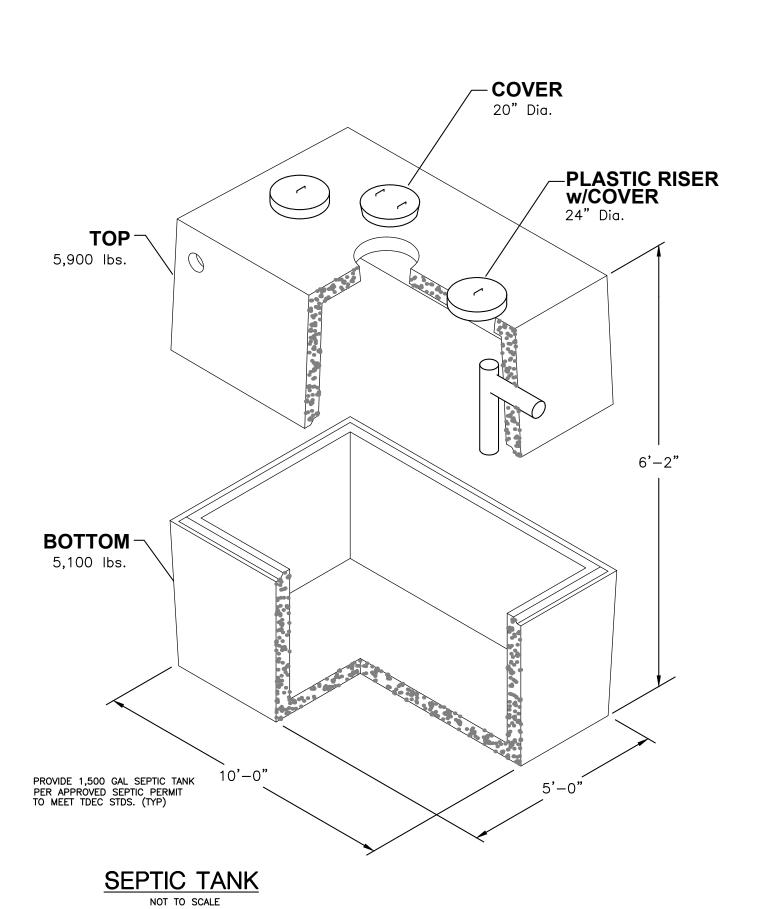
1. ALL FITTINGS AND LINES TO BE PVC. SOLVENT WELD (SDR-33). 2. WHEN SERVICE LINE FROM MAIN LINE IS 4", ALL FITTINGS AND LINES TO BE 4". <u>CLEANOUT</u>

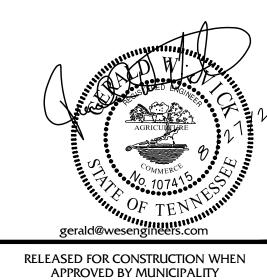
NOT TO SCALE



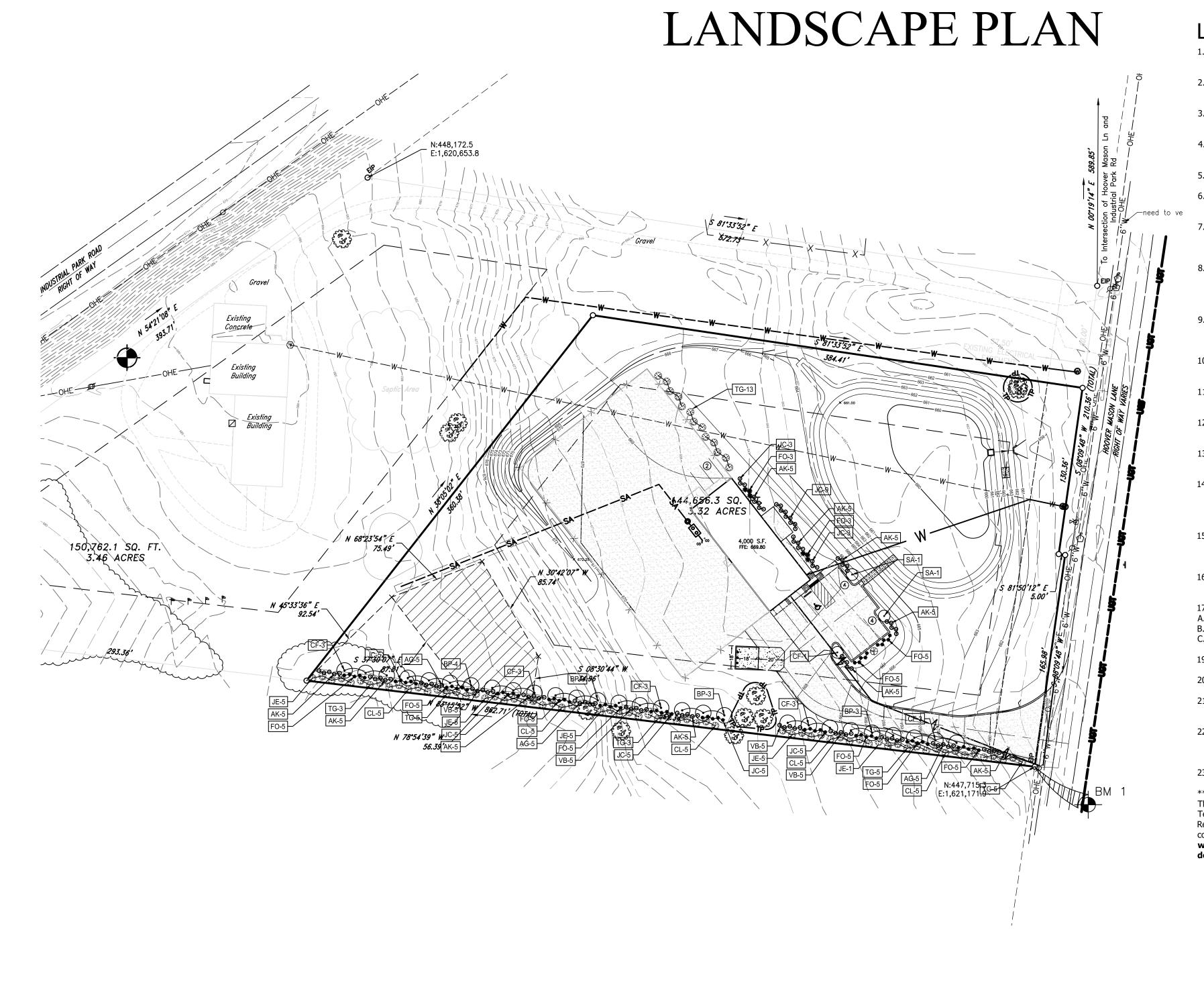
<u>DEEP SEWER SERVICE</u>
USE WHERE DIRECTED BY ENGINEER

**SEWER SERVICE** NOT TO SCALE





HOLDINGS,



### Landscape Notes:

- The landscape contractor shall verify the exact location of all utilities and take necessary precautions to prevent damage to these utilities.
- The landscape contractor shall coordinate all construction with the appropriate utility company and shall be responsible for and damage to utilities.
- Plant materials and stumps indicated for removal shall be removed and disposed off-site by
- the contractor. Backfill holes with topsoil free of roots and rocks. All planting and mulch beds shall be hand weeded or sprayed with round-up (contractor's
- option ) prior to the installation of mulch.

lawns until total acceptance of the work by the owner.

- The landscape contractor shall be responsible for the fine grading of all planting areas. The landscape contractor shall verify all material quantities. In the event of a discrepancy, the
- quantities shown on the plan will take precedence. The landscape contractor shall be responsible for completely maintaining the work (including
- The standards set forth in "American Standard for Nursery Stock" represent general guideline specifications only and will constitute minimum quality requirements for plant material. All plants must meet minimum size noted at the materials schedule. Trees shall be No. 1 grade specimen and shrubs shall be heavy well shaped specimens as well.

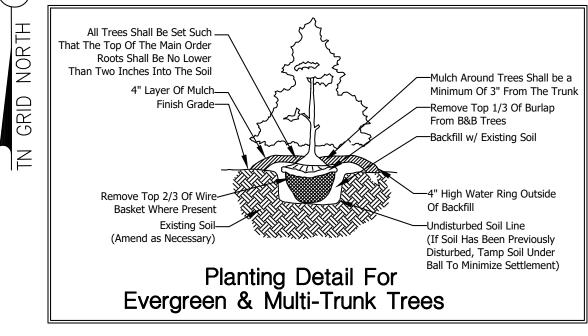
but not limited to: watering, mulching, spraying, fertilizing, etc. ) of all planting areas and

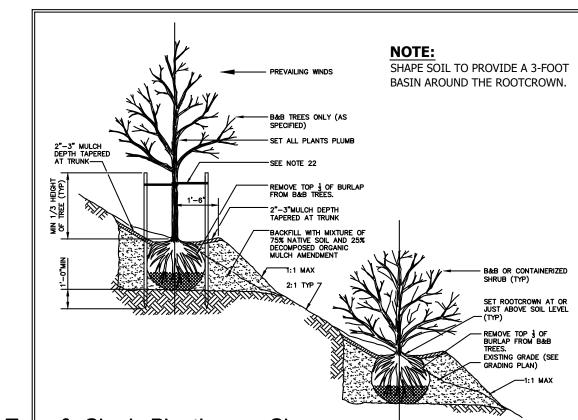
- The landscape contractor shall completely guarantee all work for a period of one year beginning at the date of acceptance. The landscape contractor shall make all replacements promptly ( as per direction of owner ).
- 10. The landscape contractor shall provide the owner with written instructions on the proper care of all specified plant materials prior to final payment.
- 11. Existing trees to remain shall be protected from construction damage. Selectively prune dead
- 12. All disturbed areas shall be planted with seed and mulched or turf as indicated on the materials schedule.
- All deciduous trees, existing and proposed shall be pruned to provide 4' minimum clear trunk unless otherwise noted.
- All Landscape materials to be selected by owner and must be in accordance to the Required Plant Species requirements of the Zoning Ordinance. Remaining areas to be surfaced with shrubs, ground cover, grass, or other landscape material (excluding rock). (Zoning
- 15. Canopy trees shall be a minimum of ten feet in height with a four to five-foot spread and a 2-inch caliper trunk at time of planting. Accent trees shall be a minimum of eight feet in height with a three to four-foot spread and a  $1\frac{1}{2}$  -inch caliper trunk at time of planting.
- Deciduous trees shall have one dominant trunk with the tip of the leader on the main trunk left intact and the terminal bud on the central leader is at the highest point on the tree.
- Trees with forked trunks are acceptable if all the following conditions are met:
- The fork occurs in the upper  $\frac{1}{3}$  of the tree.
- One fork is less than  $\frac{2}{3}$  the diameter of the dominant fork. The top  $\frac{1}{3}$  of the smaller fork is removed at the time of planting.
- No branch shall be greater than  $\frac{1}{3}$  the diameter of the trunk directly above the branch.
- Several branches shall be larger in diameter and obviously more dominant.
- 21. Branching habit is to be more horizontal than vertical, and no branches are to be oriented nearly vertical to the trunk.
- 22. Branches are to be evenly distributed around the trunk with no more than one major branch located directly above another and the crown is to be full of foliage evenly distributed around
- 23. Stake all trees as shown in Planting on Slopes details.

#### \*\*ATTENTION OWNER/ INSTALLER\*\*

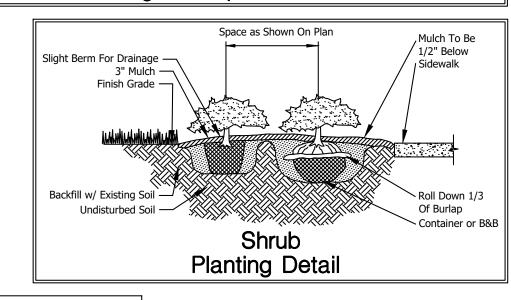
This landscape plan has been designed to meet the minimum requirements of the MT Pleasant, Tennessee zoning ordinance, the approval of the planning commission, and department policy. Relocating, substituting, resizing, reducing or deleting material may cause the site to no longer conform to the requirements. **Deviation from the approved landscape plan shall not be made** without first obtaining approval from either the planning commission or the planning

#### BURLAP AND WIRE CAGE TO BE PULLED TO EXPOSE TOP 2/3 OF ROOTBALL. ANY TWINE/ ROPE AT BASE OF TREE FLARE TO BE CUT All Trees Shall Be Set Such \_\_\_ AND REMOVED. hat The Top Of The Main Order Roots Shall Be No Lower Than Two Inches Into The Soil —Mulch Around Trees Shall be a 4" Layer Of Mulch-Minimum Of 3" From The Trunk -Remove Top 1/3 Of Burlap From B&B Trees —Backfill w/ Existing Soil Remove Top 2/3 Of Wire I" High Water Ring Outside Basket Where Present (Amend as Necessary) (If Soil Has Been Previously Disturbed, Tamp Soil Under Ball To Minimize Settlement)





Tree & Shrub Planting on Slopes



#### BENCHMARK

BENCHMARK #1 IRON ROD ELEV. 660.29' NORTHING: 447,715.3 EASTING: 1,621,171.9 TENNESSEE COORDINATE SYSTEM OF 1983

NAVD 88

#### |WARNING! UTILITY LINES!

DECIDUOUS TREE

LIGHT POLE

BENCHMARK

GATE VALVE IN BOX

THE CONTRACTOR WILL EXERCISE EXTREME CAUTION IN THE USE OF EQUIPMENT IN AND AROUND OVERHEAD AND UNDERGROUND UTILITY WIRES AND SERVICES. IF AT ANY TIME IN THE PURSUIT OF THIS WORK THE CONTRACTOR MUST WORK IN CLOSE PROXIMITY OF OVERHEAD OR UNDERGROUND SERVICES, THE UTILITY COMPANY SHALL BE CONTACTED PRIOR TO SUCH WORK AND THE PROPER SAFETY MEASURES TAKEN. A THOROUGH EXAMINATION OF THE OVERHEAD WIRES IN THE PROJECT AREA SHOULD BE MADE BY THE CONTRACTOR PRIOR TO THE INITIATION OF CONSTRUCTION. THE UNDERGROUND UTILITY LINES HAVE BEEN SHOWN AS BEST AS CAN BE DETERMINED AT THIS TIME FROM THE INFORMATION OBTAINED FROM THE SURVEY. THE CONTRACTOR SHALL CONTACT EACH OF THESE COMPANIES PRIOR TO BEGINNING CONSTRUCTION AND HAVE THEM DETERMINE THE EXACT LOCATION AND TYPE OF THEIR SERVICES.

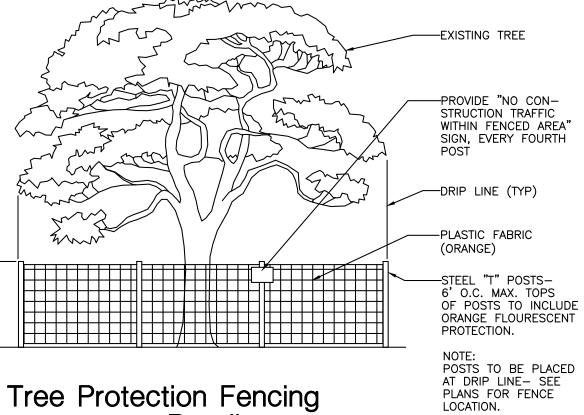


#### <u>LEGEND</u> SANITARY SEWER >—15"ST—□—O— **>**—18"ST—□—O— STORM SEWER RAINAGE DITCH TREE PROTECTION FENCE — TP— TP— TP— TP— UTILITY POLF iron pin set STORM STRUCTURE LABEL (R-1) EXISTING IRON PIN CONCRETE MONUMENT

P.U.D.E.

# LANDSCAPE LEGEND:

Proposed Plantings Plant Identification Removed Trees Proposed Canopy Trees Proposed Understory Trees Proposed Screening Proposed Shrubs



# Tree Protection Fencing

ALL TREE PROTECTION FENCING SHALL BE IN PLACE PRIOR TO BEGINNING DEMOLITION AND SHALL BE MAINTAINED IN GOOD WORKING ORDER UNTIL ALL CONSTRUCTION ACTIVITY IS COMPLETED. ANY REQUIRED EROSION CONTROL MEASURES SHALL BE PLACED OUTSIDE OF ANY TREE PROTECTION FENCING.

#### LANDSCAPE REQUIREMENTS

STREET BUFFER: (Xxxxx Drive) (3 CANOPY PER 100 L.F.) FRONTAGE = 119LF - 4 Canopy

PROJECT BOUNDARY BUFFER: (West Boundary Line): (RM-1/RM-1 - 0.2/0.4) (146.00') (UNDEVELOPED) 1 CANOPY, 1 ACCENT, 7 SHRUBS / 100 FT (146.00') 1 Canopy, 2 Accent, 12 Shrubs

PROJECT BOUNDARY BUFFER: (South Boundary Line): (R-20/RM-1 - 0.4/0.6) (164.00') (UNDEVELOPED) 1 CANOPY, 1 ACCENT, 7 SHRUBS / 100 FT (146.00') 1 Canopy, 2 Accent, 12 Shrubs

PROJECT BOUNDARY BUFFER: (East Boundary Line): (3 CANOPY PER 100 L.F.) (UNDEVELOPED) 1 CANOPY, 1 ACCENT, 7 SHRUBS / 100 FT (146.00') 1 Canopy, 2 Accent, 12 Shrubs

VEHICLE USE AREA: (1 TREE PER 50 LF OF LANDSCAPED AREA) 144 LF - 3 trees

#### LANDSCAPE WITHIN PARKING AREA CALCULATIONS:

 OVERALL AREA OF PARKING: 3.71 ACRES TOTAL LANDSCAPE AREA: 1.63 ACRES ASPHALT AREA PERCENTAGE: 70.98% • GREENSPACE PERCENTAGE : 29.02%

EXISTING TREES TO REMAIN

#### **MATERIALS SCHEDULE**

VE I	TITIMAU	SCIENTIFIC NAME	COMMON NAME	HEIGHT	SPREAD			FLOOD STUDY NOTE:
AR		Acer Rubrum	Red Maple	6'-8'	3'-4'		4' CLEAR TRUNK	FLOOD STODY NOTE.
QP	0	Quercus Phellos	Willow Oak	6'-8'	3'-4'		4' CLEAR TRUNK	THE PROPERTY IS NOT LOCATED WITHIN A FLOOD
SA	2	Sassafras albidum	Sassafras	6'-8'	3'-4'		4' CLEAR TRUNK	AREA AS PER FEDERAL EMERGENCY MANAGEMEN
CL	0	Cupressocyparis leylandii	Leyland Cypress	6'-8'	3'-4'	2 1/2"	F.T.B.	FLOOD INSURANCE RATE MAPS (FIRM'S) MAP NUM
JE	0	Juniperus Virginiana	Eastern Redcedar	6'-8'	3'-4'	2 1/2"	F.T.B.	47117C0270E DATED APRIL 16, 2007.
	UNDERS	TORY TREES						
		SCIENTIFIC NAME	COMMON NAME	HEIGHT	SPREAD	TRUNK	REMARKS	
CF I	16	Cornus Florida	White Flowering Dogwood	6'-8'	3'-4'	2"	4' CLEAR TRUNK	
BP	13	Betula nigra 'Heritage'	Heritage River Birch	6'-8'	3'-4'	2"	MULTI-TRUNK	
LI	0	Lagerstroemia indica	Crepemyrtle	6'-8'	3'-4'	2"	MULTI-TRUNK	
PY	0	Prunus x yedoensis	Yoshino Cherry	6'-8'	3'-4'	2"	4' CLEAR TRUNK	
İF	0	Ilex Attenuata 'Fosterii'	Foster Holly	6'-8'	3'-4'	2"	4' CLEAR TRUNK	
TG	34	Thuia 'Green Giant'	Green Giant Arborvitae	6'-8'	3'-4'	2"	F.T.B.	
	<u> </u>	Triaja Green Giane	orcen diane / ir bor viewe		, , ,	<del>-</del>	111151	
	SHRUBS							
_	,	SCIENTIFIC NAME	COMMON NAME		SPREAD		REMARKS	
AG		Abelia hybrid 'Edward Goucher'	Pink Abelia	24"-30"	18"-24"			
AK		Abelia x grandiflora 'Kaleidoscope'		24"-30"	18"-24"			
FO		Forsythia Intermedia	Forsythia	24"-30"	18"-24"	F.T.B.		
JC		Juniperus Chinesis 'Sea Green'	Sea Green Juniper	24"-30"	18"-24"			
VB			Burkwood Viburnum	24"-30"	18"-24"			
VP		Viburnum Pragense	Prague Viburnum	24"-30"	18"-24"	F.T.B.		
VS	0	Viburnum davidii	Dwarf Viburnum	24"-30"	18"-24"	F.T.B.		
	TURF							
SEED	Т	urf Mixture	Rebel III Turftype Fescue.					
SOD	F	Fine Bladed Fescue Sod	Rebel III Install 4' strip beh	ind ALL curb	grass area	as & betw	een building	
		· ·	& curb.					
	MISCELL							
		Seasonal Color		Flower Beds				.,,,,,,,,
	S	Shredded Hardwood Bark Mulch		Minimum 3"	depth thro	ughout p	lant beds.	
	NOTES							
	F.T.B. = Full	l To Base						
		EAS OUTSIDE OF THE PROPOSED LIM	IIT OF CONSTRUCTION TO REM	1AIN UNDISTU	JRBED, SEE	LIMIT OF		

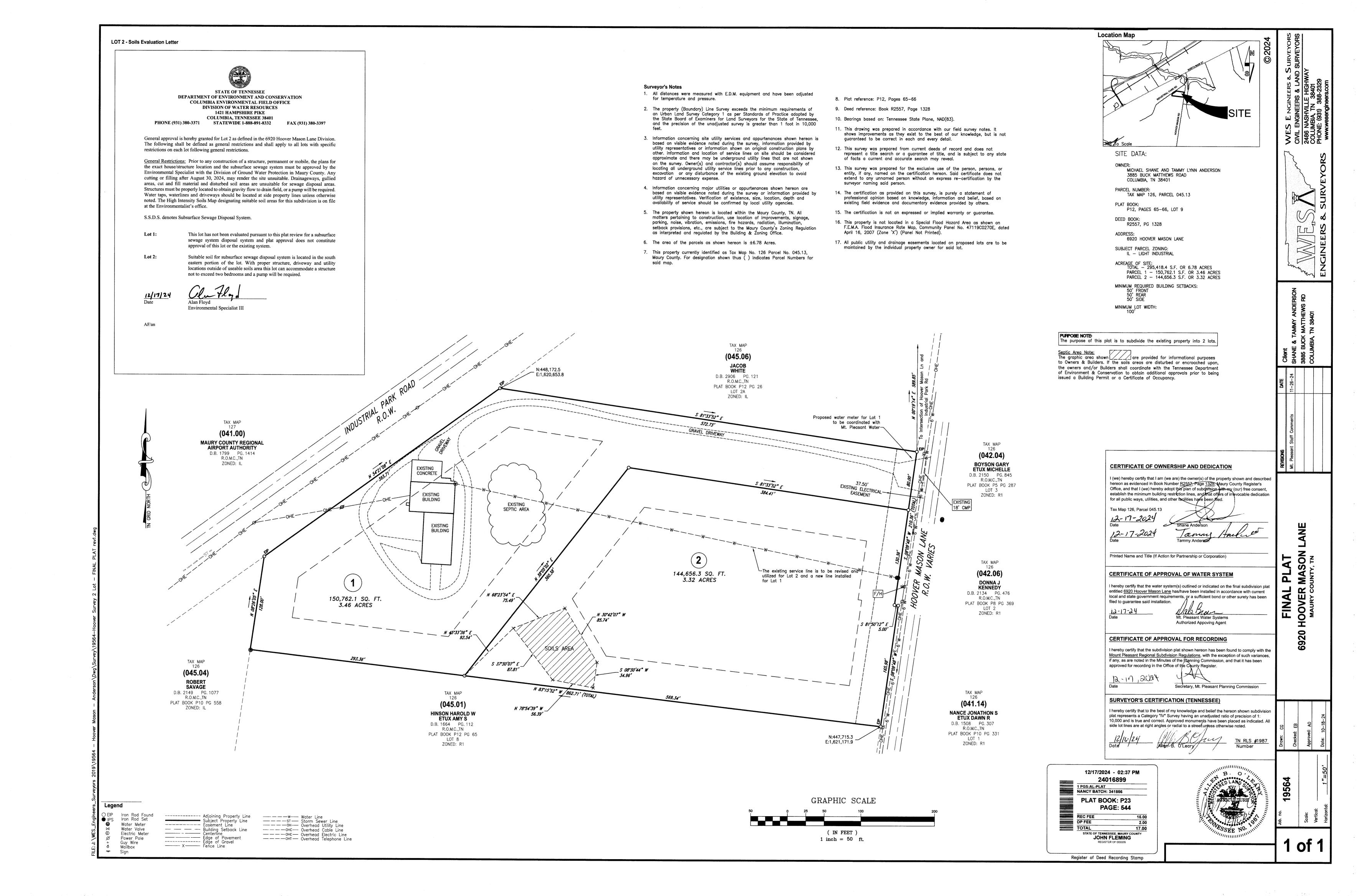
## GRAPHIC SCALE

1 inch = 50 ft.



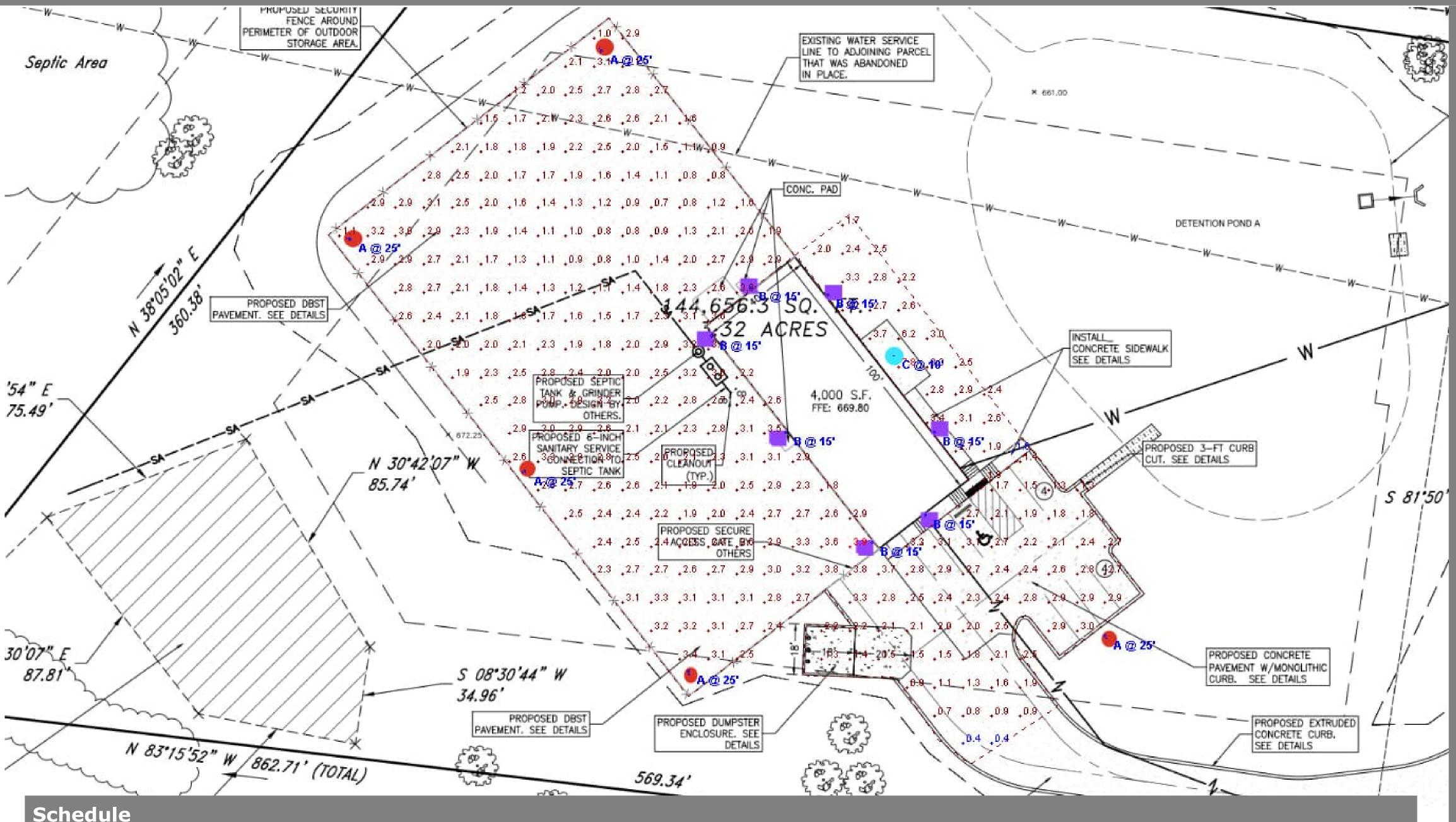
RELEASED FOR CONSTRUCTION WHEN APPROVED BY MUNICIPALITY

S OLDING 





# ayout



Schedule										
Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power	
	A	5	Industrial Lighting Products Inc	SAS-15L-U-40-T3	Skyline Small, 15,000 Lumens, 4000K, Type 3 Optic	1	16982	0.9	110.5	
	В	7	Industrial Lighting Products LLC	SWM-6L-U-40-T4	Skyline Wall Pack Medium, 6000L, 4000K, T4 Lens	1	6096	0.9	42.6	
	С	1	ILP		CP-3L-U-40	1	3476	0.9	28.4	

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Paved Area	+	2.2 fc	3.9 fc	0.4 fc	9.8:1	5.5:1
Building Front	+	3.0 fc	7.8 fc	1.6 fc	4.9:1	1.9:1

### Note

- 1. Dimensions:
- 2. Mounting Height: 10, 15, 25
- 3. Calc Zone: 0
- 4. Reflectances:

Calculations provided are estimates only.

Designer
Bryan Schneider
Date
08/22/2025
Scale
Not to Scale
Drawing No.

Summary

1 of 1