

SITE PLAN NOTES:

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. ALL DISTURBED AREAS NOT BUILT NOR PAVED UPON ARE TO RECEIVE FOUR INCHES OF TOPSOIL, SEED, MULCH, AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
3. ALL ISLANDS WITH CURB AND GUTTER SHALL BE LANDSCAPED. THOSE ISLANDS ARE TO HAVE 24" MOUNTABLE CURB AND GUTTER.
4. ALL CURBED AND STRIPED RADII ARE TO BE 3' UNLESS OTHERWISE NOTED.
5. ALL DIMENSIONS AND RADII ARE TO FACE OF GUTTER UNLESS OTHERWISE NOTED.
6. BUILDING DIMENSIONS SHOWN ON SITE LAYOUT PLAN ARE NOMINAL DIMENSION ONLY INTENDED FOR USE IN DETERMINING APPROXIMATE SQUARE FOOTAGES. SEE ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS OF BUILDING CONSTRUCTION.
7. EXISTING STRUCTURES WITHIN THE CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED, OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE BID.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO ALL UTILITIES, STORM DRAINAGE, SIGNS, FENCING, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
9. SITE BOUNDARY, TOPOGRAPHY, UTILITY AND ROAD INFORMATION WAS TAKEN FROM A SURVEY BY BATSON, HIMES, NORVELL & POE, DATED 11/22/2019.
10. THE SITEWORK FOR THIS PROJECT SHALL MEET OR EXCEED "THE SITE WORK SPECIFICATIONS". ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICES.
11. IN ORDER TO PREVENT PONDING THE CONTRACTOR SHALL INSTALL REVERSE-PITCH GUTTER AT ALL LOCATIONS WHERE ASPHALT SLOPES AWAY FROM GUTTER.
12. ELECTRONIC FILE WILL BE PROVIDED TO THE GENERAL CONTRACTOR AT HIS REQUEST FOR LAYOUT PURPOSES AFTER THE BID IS AWARDED.
13. REFER TO ARCHITECTURAL PLANS FOR SITE ELECTRICAL PLAN.

SITE PAVING NOTES:

PAVING ELEVATION TOLERANCE
FINAL SUBGRADE SHALL BE INSPECTED BY PAVING CONTRACTOR FOR REQUIRED ELEVATION AND ADEQUATE COMPACTION BEFORE COMMENCING ANY PAVING ACTIVITY. PAVING ELEVATION SHALL NOT HAVE MORE THAN 1/2" DEVIATION IN ANY 10' INCREMENT.

TESTING DURING PLACEMENT
GENERAL CONTRACTOR SHALL PERFORM SEVERAL SPOT CHECKS OF PAVING BASE THICKNESS PRIOR TO INSTALLATION OF ANY ASPHALTIC OR CONCRETE PAVING. DENSITY TESTS SHALL BE PERFORMED ON EACH LIFT AT THE RATE OF ONE TEST PER 10,000 SQUARE FEET.

CONTRACTOR SHALL PROVIDE FOR TESTING OF COMPLETED PAVING INSTALLATION FOR COMPLIANCE WITH DESIGN CRITERIA. CONTRACTOR SHALL REPLACE ALL NON-CONFORMING MATERIAL AT HIS OWN EXPENSE.

TESTING SHALL BE PERFORMED ONLY BY AN INDEPENDENT TESTING AGENT APPROVED BY SITE, INC.

ASPHALTIC PAVING MATERIALS

MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE SPECIFICATION OF THE HIGHWAY DEPARTMENT OF THE STATE IN WHICH THE PROJECT IS LOCATED. REFER TO PAVING MATERIALS LEGEND.

CONCRETE

CONCRETE CURBING SHALL BE 4000 PSI 28 DAY STRENGTH 2" - 3" SLUMP, (NO CURB DEFORMATION) 3% - 5% AIR ENTRAINED. INSTALL WITH RC-70 TACK COAT EMULSION OVER ASPHALT.

PROVIDE CYLINDER BREAK TEST - 3500 L.F. OF CURBING OR 1-DAY POUR WITH BREAKS - 1 @ 7-DAYS, 2 @ 28-DAYS. COMPLY WITH ASTM C-31 AND ASTM C-39. ALSO PROVIDE ONE SLUMP TEST PER 500 L.F. OF CURBING OR 1-DAY POUR.

PROVIDE EXPANSION JOINT @ 50' O.C. (MAX) AND CONTROL JOINTS @ 20' O.C. (MAX) AT ALL CONCRETE PAVING AREAS. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

PAVEMENT MARKING

PROVIDE PAVEMENT MARKING AS SHOWN ON THE DRAWINGS. STRIPING SHALL BE 4" WIDE OR AS NOTED OTHERWISE ON THE PLANS. ALL MARKINGS SHALL BE THERMOPLASTIC AND SHALL MEET THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 1, 2015 (SECTION 919).

CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS THAT DO NOT CONFORM TO TDOT STANDARDS FOR MODIFIED INTERSECTION.

TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS BEFORE DARK HOURS. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED.

ALL MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE MUTCD AND TDOT STANDARD DRAWINGS T-M-1 THROUGH T-M-4.

PARKING DATA:

LINEAR FEET OF CONVEYOR TUNNEL:	125
NUMBER OF EMPLOYEES:	6
REQUIRED NUMBER OF PARKING SPACES: (2 SPACE PER 3 EMPLOYEES)	4
REQUIRED NUMBER OF STACK-UP SPACES: (1 SPACE PER 5 FEET OF TUNNEL)	25
NUMBER OF STACK-UP SPACES PROVIDED:	38
NUMBER OF EMPLOYEE PARKING SPACES PROVIDED:	4

PAVING MATERIALS SCHEDULE

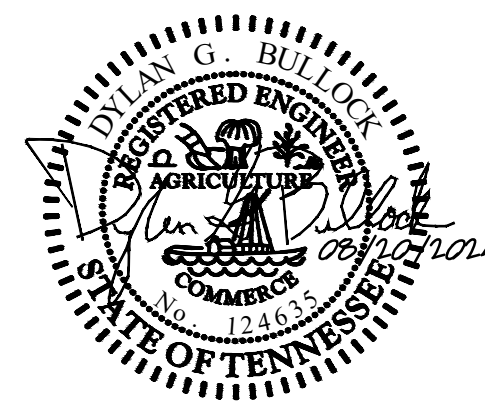
CONCRETE PAVING	
PROPERTY DATA:	
DISTRICT:	E6
CLT MAP:	67
PARCEL:	9.04
LOT AREA:	3.14 ACRES
ZONING:	CA/SC (KNOX COUNTY)
PROPOSED USE:	CAR WASH
CA - GENERAL BUSINESS ZONE:	
FRONT SETBACK:	20'
SIDE SETBACK:	5'
REAR SETBACK:	16'
SC - SHOPPING CENTER ZONE:	
FRONT SETBACK:	60'
BUILDING AREA:	+4,050 SQ. FT.
IMPERVIOUS AREA:	1.55 ACRES
GROUND AREA COVERAGE:	3.0%
FLOOR AREA RATIO:	3.0%
IMPERVIOUS AREA RATIO:	49.4%

LEGEND:

- (A) LANDSCAPE AREA/ISLAND (SEE DETAIL SHEET) (TYP)
- (B) CONCRETE SIDEWALK (SEE DETAIL SHEET)
- (C) CONCRETE SIDEWALK (REFER TO ARCH PLANS)
- (D) 24" ROLLED CONCRETE CURB & GUTTER (SEE DETAIL SHEET) (TYP)
- (E) ACCESSIBLE RAMP (MATCH TYPE AS SHOWN IN PLAN) (SEE DETAIL SHEET)
- (F) ADA SPACE W/ PAINTED ACCESSIBLE SYMBOL (SEE DETAIL SHEET) (TYP)
- (G) YELLOW DIRECTIONAL ARROW (SEE DETAIL SHEET) (TYP)
- (H) 4" WIDE YELLOW PARKING STRIPES (TYP)
- (I) 4" WIDE SOLID YELLOW STRIPE
- (J) 4" WIDE DIAGONAL YELLOW LINES @ 4'-0" O.C.
- (K) 24" WIDE WHITE STOP LINE W/ 4" BLACK BORDER (SEE DETAIL SHEET) (TYP)
- (L) R1-1 "STOP" SIGN (SEE DETAIL SHEET)
- (M) R5-1 "DO NOT ENTER" SIGN (SEE DETAIL SHEET)
- (N) R7-8 "ACCESSIBLE PARKING" SIGN W/ "VAN PARKING" PLAQUE (SEE DETAIL SHEET)
- (O) DUMPSTER ENCLOSURE (SEE ARCH PLANS)
- (P) CURB END TREATMENT (SEE DETAIL SHEET)
- (Q) RAISED CONCRETE ISLAND W/ 6" EXTRUDED CURB (SEE DETAIL SHEET)
- (R) "VAN" PAVEMENT MARKING (SEE DETAIL SHEET)
- (S) "DO NOT ENTER" PAVEMENT MARKING (SEE DETAIL SHEET)
- (T) PAY CANOPY (SEE ARCH PLANS)
- (U) HEADACHE BAR (SEE ARCH PLANS)
- (V) VACUUM CANOPY (SEE ARCH PLANS)
- (W) 18" TRAFFIC CONES SPACED @ 4'-0" O.C.
- (X) DIRECTIONAL SIGNAGE (SEE ARCH PLANS)
- (Y) LIGHT POLE ASSEMBLY (TYP)
- (Z) MONUMENT SIGN
- (AA) PYLON SIGN
- (AB) PICNIC TABLE



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Development Plan Review (9-H-24-DP) - Site Layout Plan

Weigel's Wash
7590 Bill Bell Way
Powell, Tennessee 37849
LKM Properties, LP

REVISIONS

NO.	DATE	COMMENTS
1	08/20/2024	Staff Comments

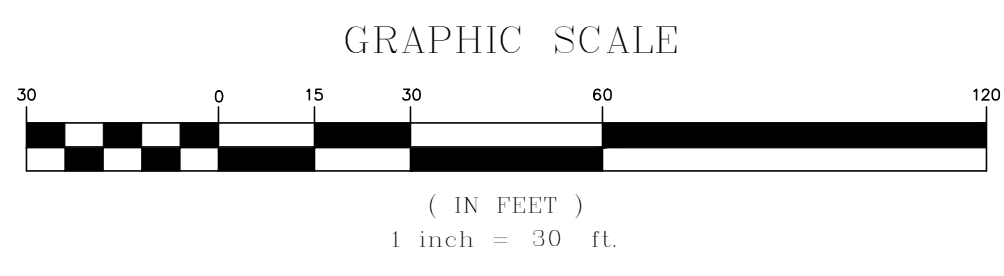
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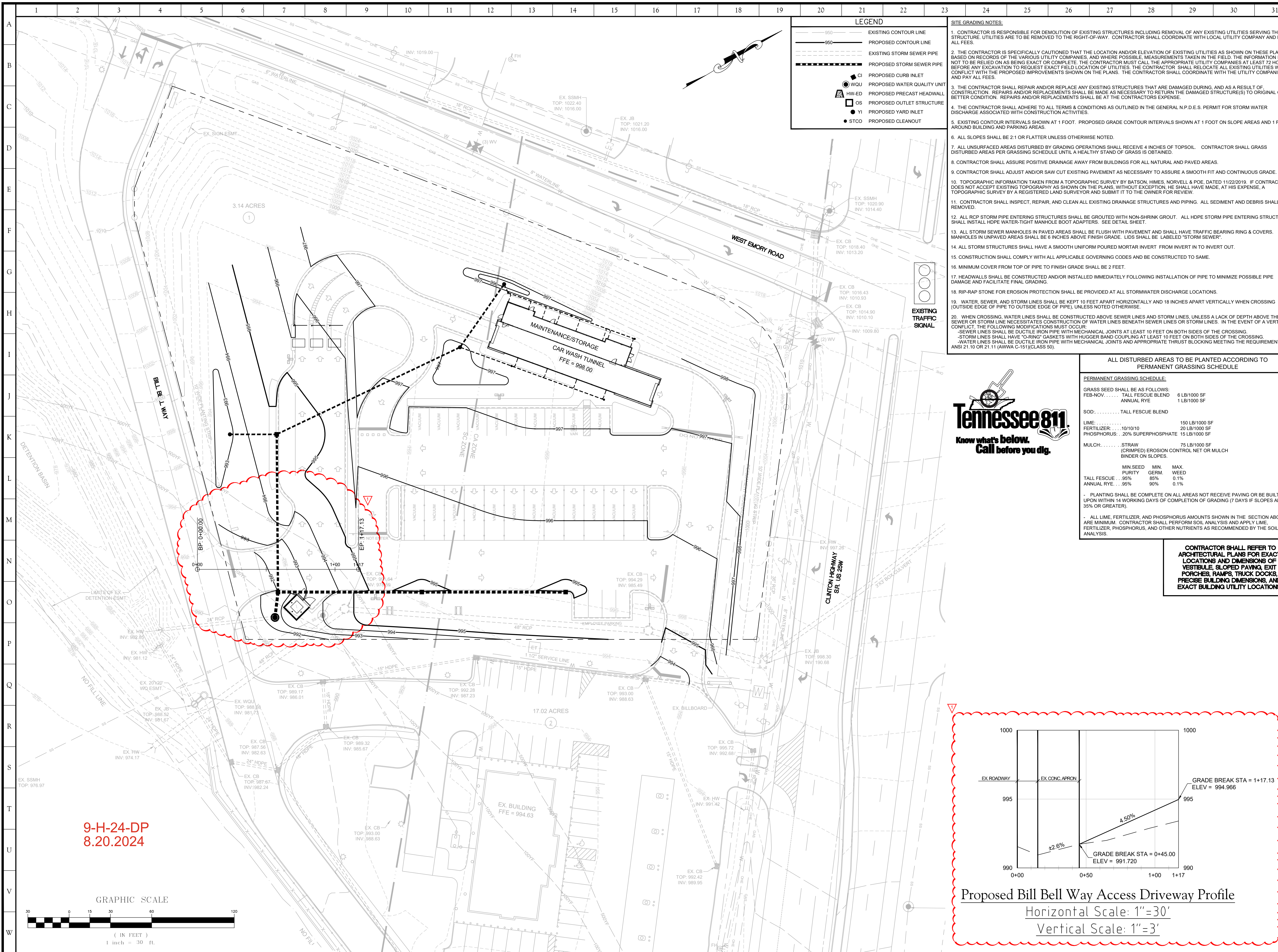
SITE PROJECT #: 2104

FILE: Layout

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8.20.2024





LEGEND

— 950 —	EXISTING CONTOUR LINE
- - - 950 - - -	PROPOSED CONTOUR LINE
—	EXISTING STORM SEWER PIPE
- - -	PROPOSED STORM SEWER PIPE
—	PROPOSED CURB INLET
● CI	PROPOSED WATER QUALITY UNIT
▲ HW-ED	PROPOSED PRECAST HEADWALL
□ OS	PROPOSED OUTLET STRUCTURE
● YI	PROPOSED YARD INLET
● STCO	PROPOSED CLEANOUT

- SITE GRADING NOTES:**
- CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY. CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANY AND PAY ALL FEES.
 - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. THE CONTRACTOR SHALL RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES AND PAY ALL FEES.
 - THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY EXISTING STRUCTURES THAT ARE DAMAGED DURING, AND AS A RESULT OF, CONSTRUCTION. REPAIRS AND/OR REPLACEMENTS SHALL BE MADE AS NECESSARY TO RETURN THE DAMAGED STRUCTURE(S) TO ORIGINAL OR BETTER CONDITION. REPAIRS AND/OR REPLACEMENTS SHALL BE AT THE CONTRACTOR'S EXPENSE.
 - THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
 - EXISTING CONTOUR INTERVALS SHOWN AT 1 FOOT. PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT ON SLOPE AREAS AND 1 FOOT AROUND BUILDING AND PARKING AREAS.
 - ALL SLOPES SHALL BE 2:1 OR FLATTER UNLESS OTHERWISE NOTED.
 - ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATIONS SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL GRASS DISTURBED AREAS PER GRASSING SCHEDULE UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
 - CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
 - CONTRACTOR SHALL ADJUST AND/OR SAW CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
 - TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY BY BATSON, HIMES, NORVELL & POE, DATED 11/22/2019. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
 - CONTRACTOR SHALL INSPECT, REPAIR, AND CLEAN ALL EXISTING DRAINAGE STRUCTURES AND PIPING. ALL SEDIMENT AND DEBRIS SHALL BE REMOVED.
 - ALL RCP STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED WITH NON-SHRINK GROUT. ALL HDPE STORM PIPE ENTERING STRUCTURES SHALL INSTALL HDPE WATER-TIGHT MANHOLE BOOT ADAPTERS. SEE DETAIL SHEET.
 - ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6 INCHES ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
 - ALL STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT IN TO INVERT OUT.
 - CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
 - MINIMUM COVER FROM TOP OF PIPE TO FINISH GRADE SHALL BE 2 FEET.
 - HEADWALLS SHALL BE CONSTRUCTED AND/OR INSTALLED IMMEDIATELY FOLLOWING INSTALLATION OF PIPE TO MINIMIZE POSSIBLE PIPE DAMAGE AND FACILITATE FINAL GRADING.
 - RIP-RAP STONE FOR EROSION PROTECTION SHALL BE PROVIDED AT ALL STORMWATER DISCHARGE LOCATIONS.
 - WATER, SEWER, AND STORM LINES SHALL BE KEPT 10 FEET APART HORIZONTALLY AND 18 INCHES APART VERTICALLY WHEN CROSSING (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE), UNLESS NOTED OTHERWISE.
 - WHEN CROSSING, WATER LINES SHALL BE CONSTRUCTED ABOVE SEWER LINES AND STORM LINES. UNLESS A LACK OF DEPTH ABOVE THE SEWER OR STORM LINE NECESSITATES CONSTRUCTION OF WATER LINES BENEATH SEWER LINES OR STORM LINES. IN THE EVENT OF A VERTICAL CONFLICT, THE FOLLOWING MODIFICATIONS MUST OCCUR:
 - SEWER LINES SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF THE CROSSING.
 - STORM LINES SHALL HAVE "RIP-RAP" GASKETS WITH HUGGER BAND COUPLING AT LEAST 10 FEET ON BOTH SIDES OF THE CROSSING.
 - WATER LINES SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AND APPROPRIATE THRUST BLOCKING MEETING THE REQUIREMENTS OF ANSI Z1.10 OR Z1.11 (AWWA C-15)(CLASS 50).

ALL DISTURBED AREAS TO BE PLANTED ACCORDING TO PERMANENT GRASSING SCHEDULE

PERMANENT GRASSING SCHEDULE:

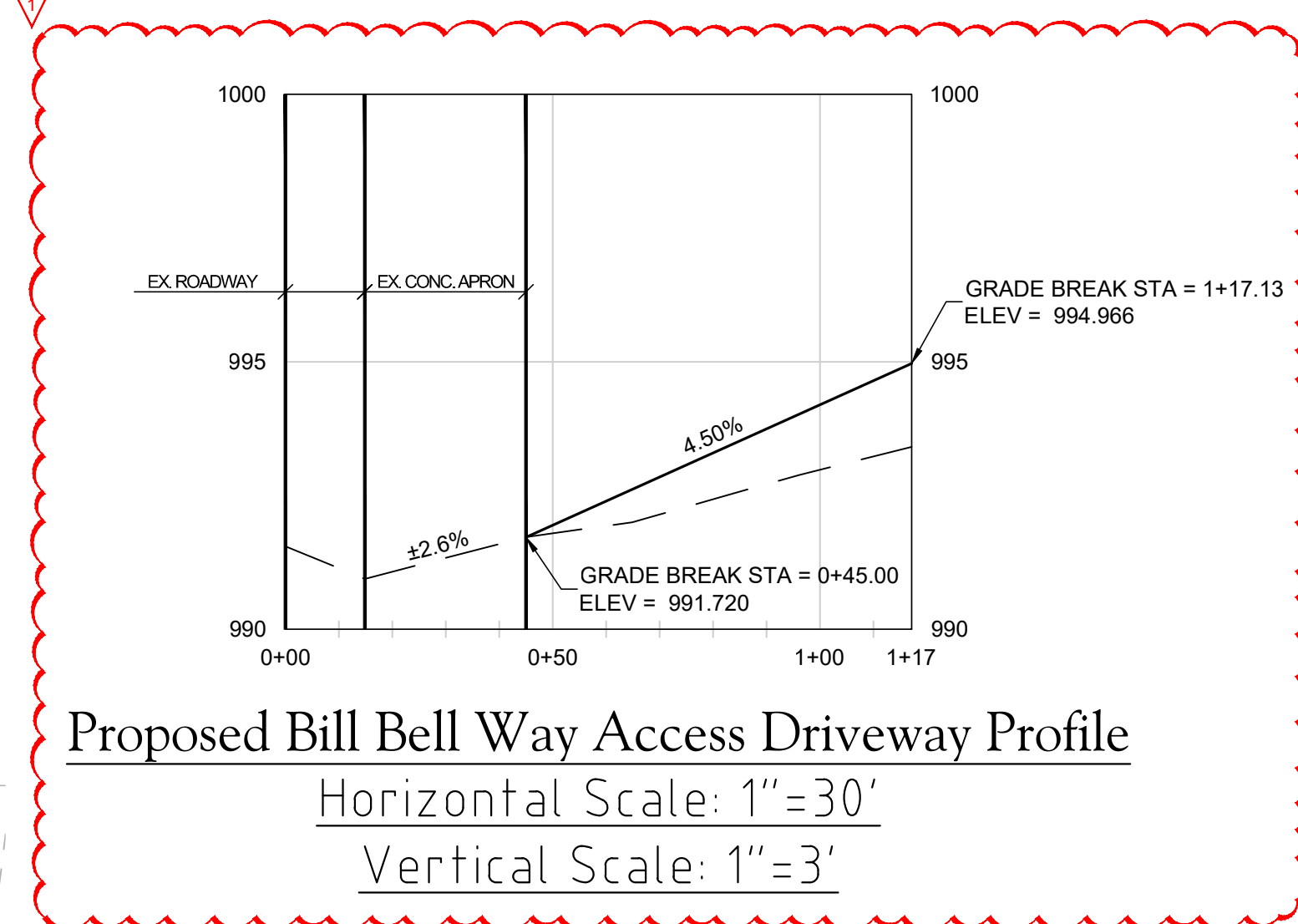
GRASS SEED SHALL BE AS FOLLOWS:

FEB-NOV.	TALL FESCUE BLEND	6 LB/1000 SF	
ANNUAL RYE		1 LB/1000 SF	
SOD:	TALL FESCUE BLEND		
LIME:		150 LB/1000 SF	
FERTILIZER:	10/10/10	20 LB/1000 SF	
PHOSPHORUS:	20% SUPERPHOSPHATE	15 LB/1000 SF	
MULCH:	STRAW (CRIMPED) EROSION CONTROL NET OR MULCH BINDER ON SLOPES:		
	MIN SEED PURITY	MIN. GERM. MAX. WEED	
TALL FESCUE	95%	85%	0.1%
ANNUAL RYE	95%	90%	0.1%

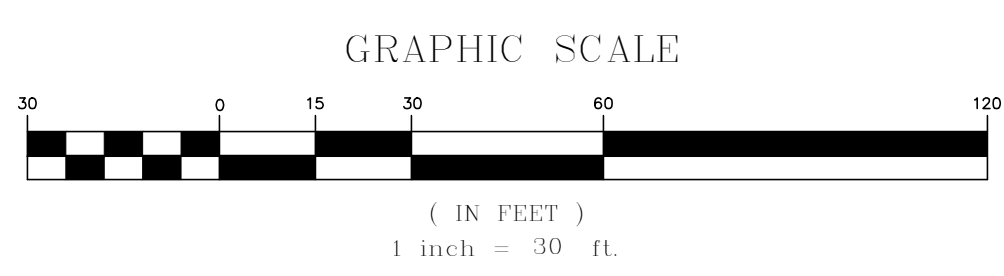
- PLANTING SHALL BE COMPLETE ON ALL AREAS NOT RECEIVE PAVING OR BE BUILT UPON WITHIN 14 WORKING DAYS OF COMPLETION OF GRADING (7 DAYS IF SLOPES ARE 3% OR GREATER).

- ALL LIME, FERTILIZER, AND PHOSPHORUS AMOUNTS SHOWN IN THE SECTION ABOVE ARE MINIMUM. CONTRACTOR SHALL PERFORM SOIL ANALYSIS AND APPLY LIME, FERTILIZER, PHOSPHORUS, AND OTHER NUTRIENTS AS RECOMMENDED BY THE SOIL ANALYSIS.

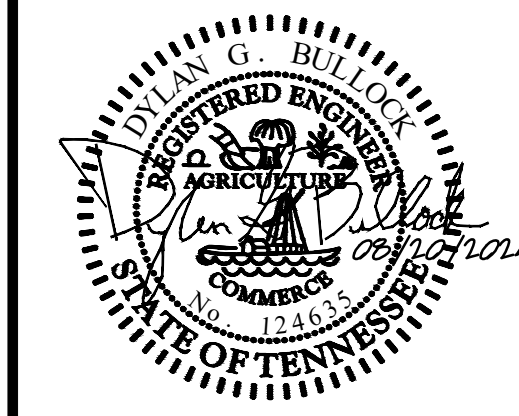
CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULE, SLOPED PAVING, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY LOCATIONS.



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Development Plan Review (9-H-24-DP) - Site Grading and Drainage Plan

Weigel's Wash
 7590 Bill Bell Way
 Powell, Tennessee 37849
 LKM Properties, LP

REVISIONS

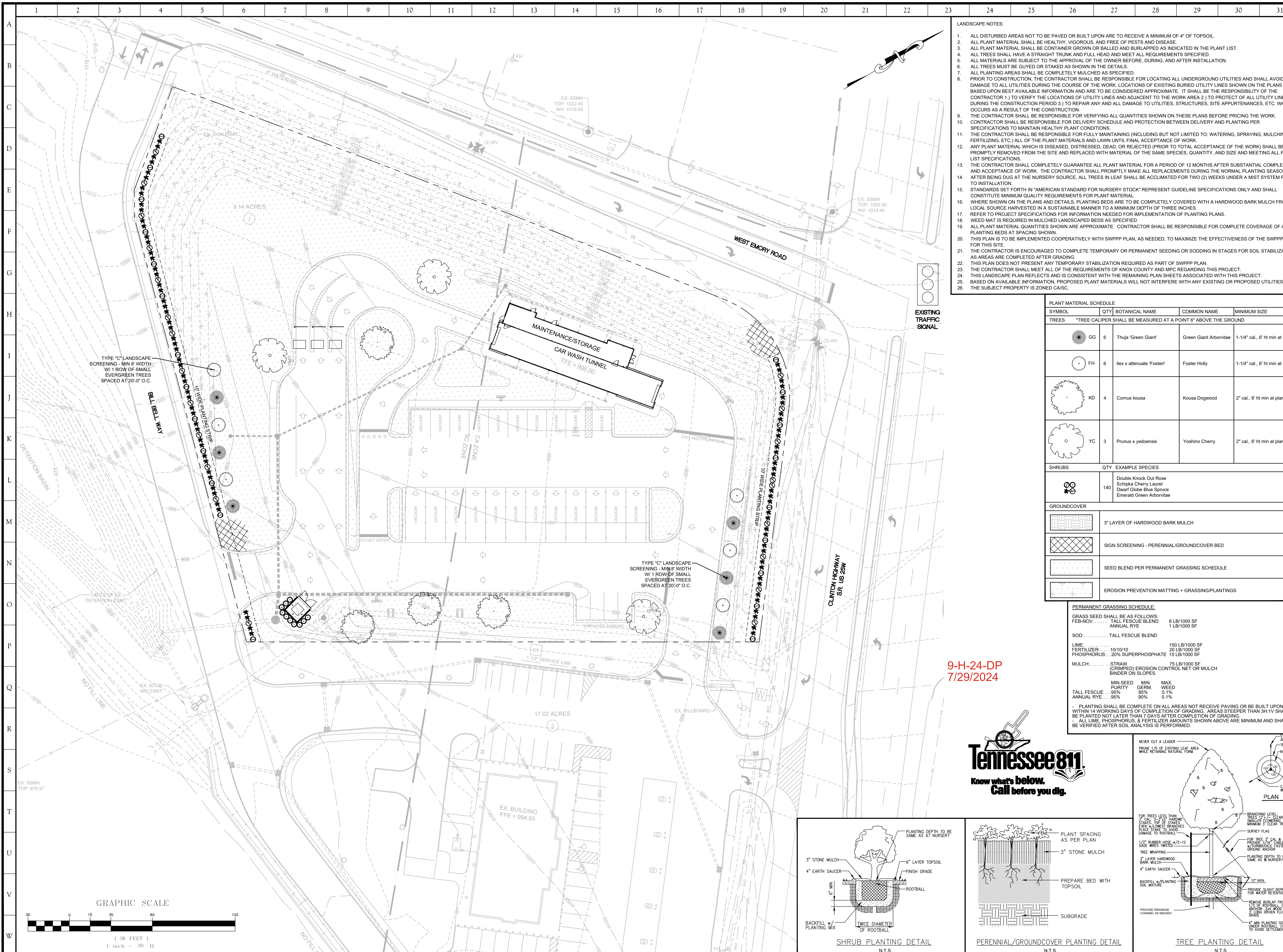
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SITE PROJECT #: 2104

FILE: Grading

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- LANDSCAPE NOTES:
- ALL DISTURBED AREAS NOT TO BE PAVED OR BUILT UPON ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL.
 - ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
 - ALL PLANT MATERIAL SHALL BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED IN THE PLANT LIST.
 - ALL TREES SHALL HAVE A STRAIGHT TRUNK AND FULL HEAD AND MEET ALL REQUIREMENTS SPECIFIED.
 - ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE OWNER BEFORE, DURING, AND AFTER INSTALLATION.
 - ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
 - ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
 - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR 1.) TO VERIFY THE LOCATIONS OF UTILITY LINES AND ADJACENT TO THE WORK AREA 2.) TO PROTECT OF ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD 3.) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING PER SPECIFICATIONS TO MAINTAIN HEALTHY PLANT CONDITIONS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY MAINTAINING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) ALL OF THE PLANT MATERIALS AND LAWN UNTIL FINAL ACCEPTANCE OF WORK.
 - ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE MEETING ALL PLANT LIST SPECIFICATIONS.
 - THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF 12 MONTHS AFTER SUBSTANTIAL COMPLETION AND ACCEPTANCE OF WORK. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NORMAL PLANTING SEASON.
 - AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
 - STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
 - WHERE SHOWN ON THE PLANS AND DETAILS, PLANTING BEDS ARE TO BE COMPLETELY COVERED WITH A HARDWOOD BARK MULCH FROM A LOCAL SOURCE HARVESTED IN A SUSTAINABLE MANNER TO A MINIMUM DEPTH OF THREE INCHES.
 - REFER TO PROJECT SPECIFICATIONS FOR INFORMATION NEEDED FOR IMPLEMENTATION OF PLANTING PLANS.
 - WEED MAT IS REQUIRED IN MULCHED LANDSCAPED BEDS AS SPECIFIED.
 - ALL PLANT MATERIAL QUANTITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT SPACING SHOWN.
 - THIS PLAN IS TO BE IMPLEMENTED COOPERATIVELY WITH SWPPP PLAN, AS NEEDED, TO MAXIMIZE THE EFFECTIVENESS OF THE SWPPP PLAN FOR THIS SITE.
 - THE CONTRACTOR IS ENCOURAGED TO COMPLETE TEMPORARY OR PERMANENT SEEDING OR SODDING IN STAGES FOR SOIL STABILIZATION AS AREAS ARE COMPLETED AFTER GRADING.
 - THIS PLAN DOES NOT PRESENT ANY TEMPORARY STABILIZATION REQUIRED AS PART OF SWPPP PLAN.
 - THE CONTRACTOR SHALL MEET ALL OF THE REQUIREMENTS OF KNOX COUNTY AND MPC REGARDING THIS PROJECT.
 - THIS LANDSCAPE PLAN REFLECTS AND IS CONSISTENT WITH THE REMAINING PLAN SHEETS ASSOCIATED WITH THIS PROJECT.
 - BASED ON AVAILABLE INFORMATION, PROPOSED PLANT MATERIALS WILL NOT INTERFERE WITH ANY EXISTING OR PROPOSED UTILITIES.
 - THE SUBJECT PROPERTY IS ZONED CA/C.

PLANT MATERIAL SCHEDULE				
SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE
TREES *TREE CALIPER SHALL BE MEASURED AT A POINT 6" ABOVE THE GROUND				
GG	6	Thuja 'Green Giant'	Green Giant Arborvitae	1-1/4" cal., 6' ht min at planting
FH	6	Ilex x attenuate 'Foster'	Foster Holly	1-1/4" cal., 6' ht min at planting
KD	4	Cornus kousa	Kousa Dogwood	2" cal., 6' ht min at planting
YC	3	Prunus x yedoensis	Yoshino Cherry	2" cal., 6' ht min at planting
SHRUBS				
DB	140	Double Knock Out Rose Schipka Cherry Laurel Dwarf Globe Blue Spruce Emerald Green Arborvitae		
GROUNDCOVER				
MM		3" LAYER OF HARDWOOD BARK MULCH		
SS		SIGN SCREENING - PERENNIAL/GROUNDCOVER BED		
GB		SEED BLEND PER PERMANENT GRASSING SCHEDULE		
EM		EROSION PREVENTION MATTING + GRASSING/PLANTINGS		

PERMANENT GRASSING SCHEDULE:

GRASS SEED SHALL BE AS FOLLOWS:
 FEB-NOV. TALL FESCUE BLEND 6 LB/1000 SF
 ANNUAL RYE 1 LB/1000 SF

SOD: TALL FESCUE BLEND

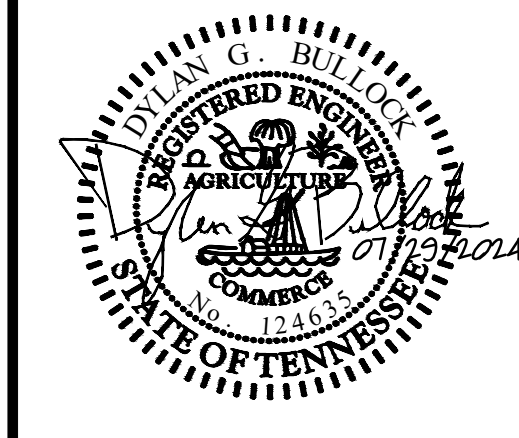
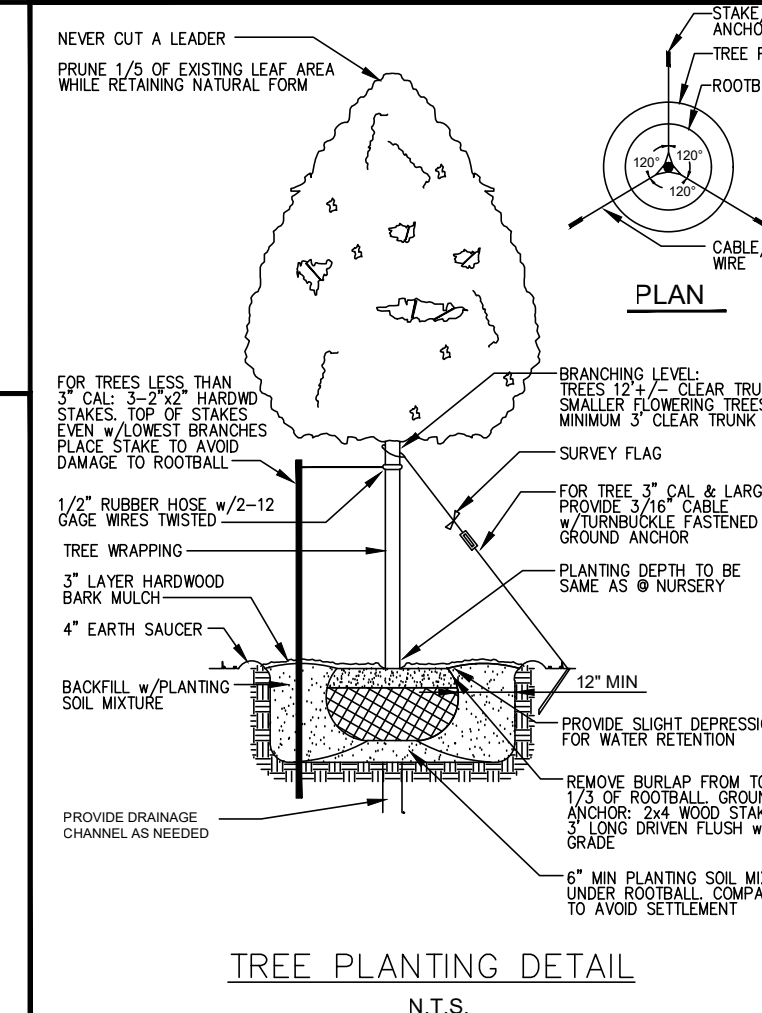
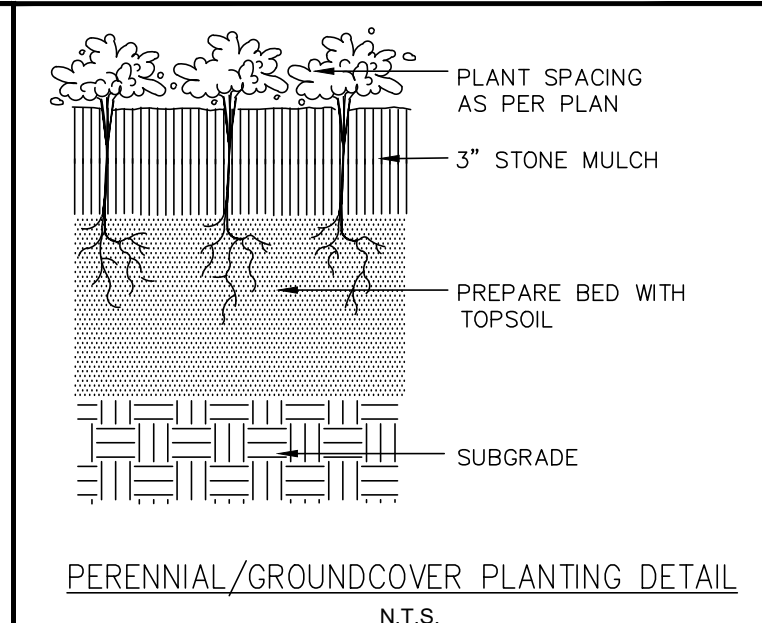
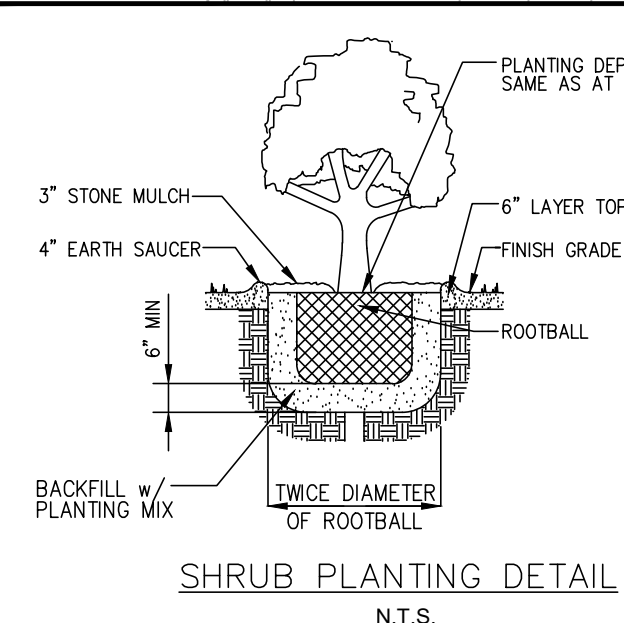
LIME: 10/10/10 150 LB/1000 SF
 FERTILIZER: 20 LB/1000 SF
 PHOSPHORUS: 20% SUPERPHOSPHATE 15 LB/1000 SF

MULCH: 75 LB/1000 SF
 (CRIMPED) EROSION CONTROL NET OR MULCH BINDER ON SLOPES.

	MIN SEED PURITY	MIN GERM	MAX WEED
TALL FESCUE	95%	85%	0.1%
ANNUAL RYE	95%	90%	0.1%

PLANTINGS SHALL BE COMPLETE ON ALL AREAS NOT RECEIVE PAVING OR BE BUILT UPON WITHIN 14 WORKING DAYS OF COMPLETION OF GRADING. AREAS STEEPER THAN 3H:1V SHALL BE PLANTED NOT LATER THAN 7 DAYS AFTER COMPLETION OF GRADING.
 ALL LIME, PHOSPHORUS, & FERTILIZER AMOUNTS SHOWN ABOVE ARE MINIMUM AND SHALL BE VERIFIED AFTER SOIL ANALYSIS IS PERFORMED.

9-H-24-DP
7/29/2024



Use on Review - Landscape Plan

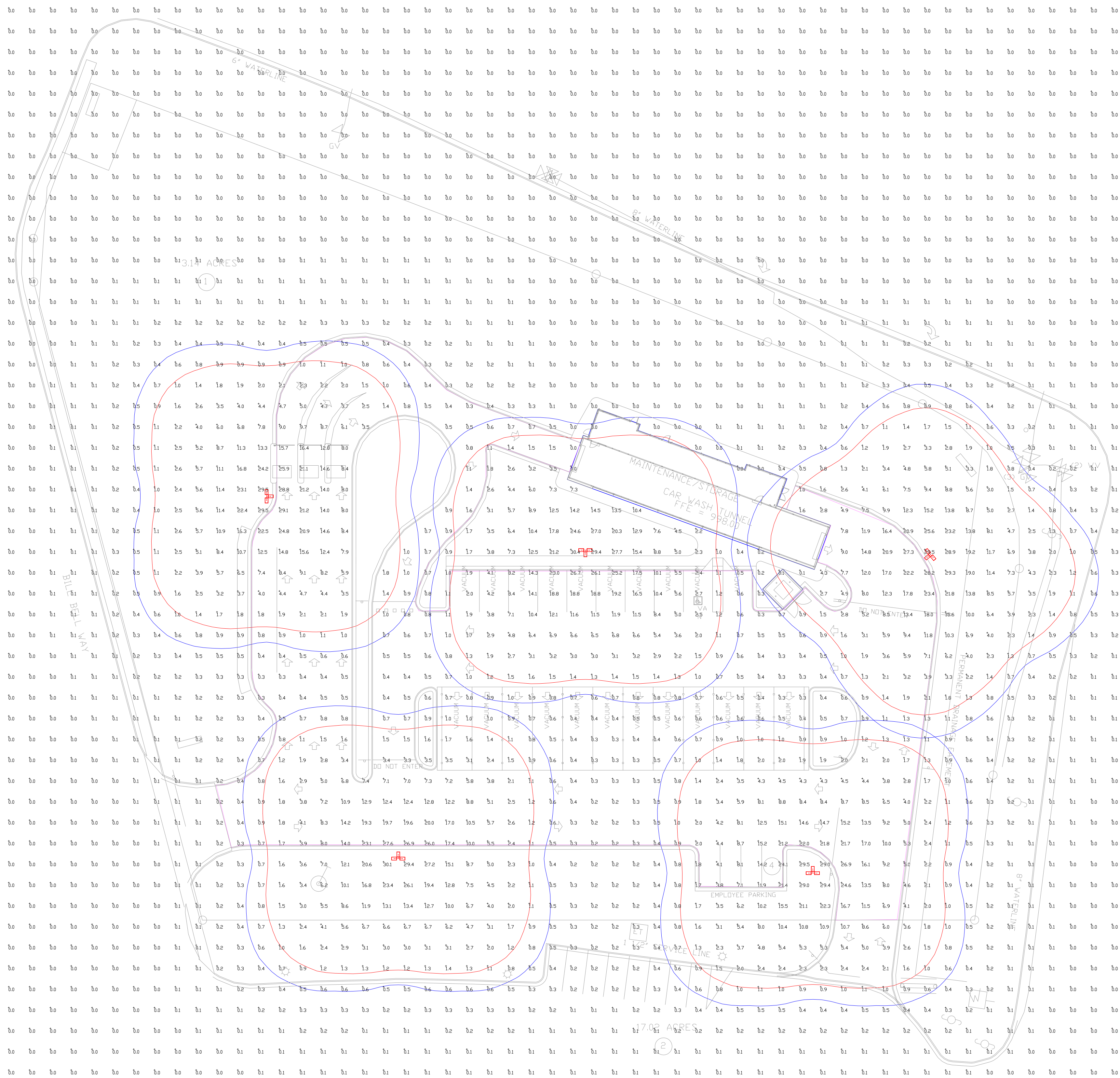
Weigel's Wash

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NO.	DATE COMMENTS

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PHOTOMETRIC EVALUATION
NOT FOR CONSTRUCTION

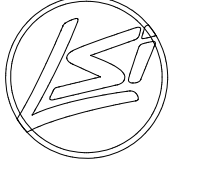
Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts_1	Illuminance	Fc	1.93	30.4	0.0	N.A.	N.A.
PARKING AND DRIVES	Illuminance	Fc	4.95	29.1	0.0	N.A.	N.A.

Luminaire Schedule										
Symbol	Qty	Label	Arrangement	Description	Mounting Height	LLD	LLF	Arr. Lum. Lumens	Arr. Watts	
	5	A	3 @ 90 Degrees	SLM-LED-36L-SIL-FT-50-70CRI-T90	20' + 2' BASE	1.000	1.000	110175	765	

Total Project Watts
Total Watts = 3825



WEIGEL'S WASH
7590 BILL BELL WAY
POWELL, TN

1800 ALLIANCE RD. CHENOWETH, OHIO 43041 USA
(615) 793-2003 • FAX (615) 793-0107

LIGHTING PROPOSAL LD-160636

DATE: 7/22/24 REV: SHEET 1 OF 1

SCALE: 1"=30'



1265 Oakbrook Dr. STE C
 Norcross, GA 30093
 1-866-GENWASH
 www.genwash.com

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No.	Description	Date

PROFESSIONAL SEAL



MODULAR CONSTRUCTION

CLIENT: Weigel's

PROJECT NAME: Express Car Wash

SHEET TITLE: Perspective Views

PROJECT NUMBER: -

ADDRESS: 7505 Clinton Hwy
Powell, TN 37849

DRAWER NO: -

MODEL NO: -

DEPT/PROJECT NO: -

DATE: 03/08/2024

PROFESSIONAL IN CHARGE: TD

PROJECT MANAGER: TD

DRAWN BY: TD

QUALITY CONTROL: TD

01-A3

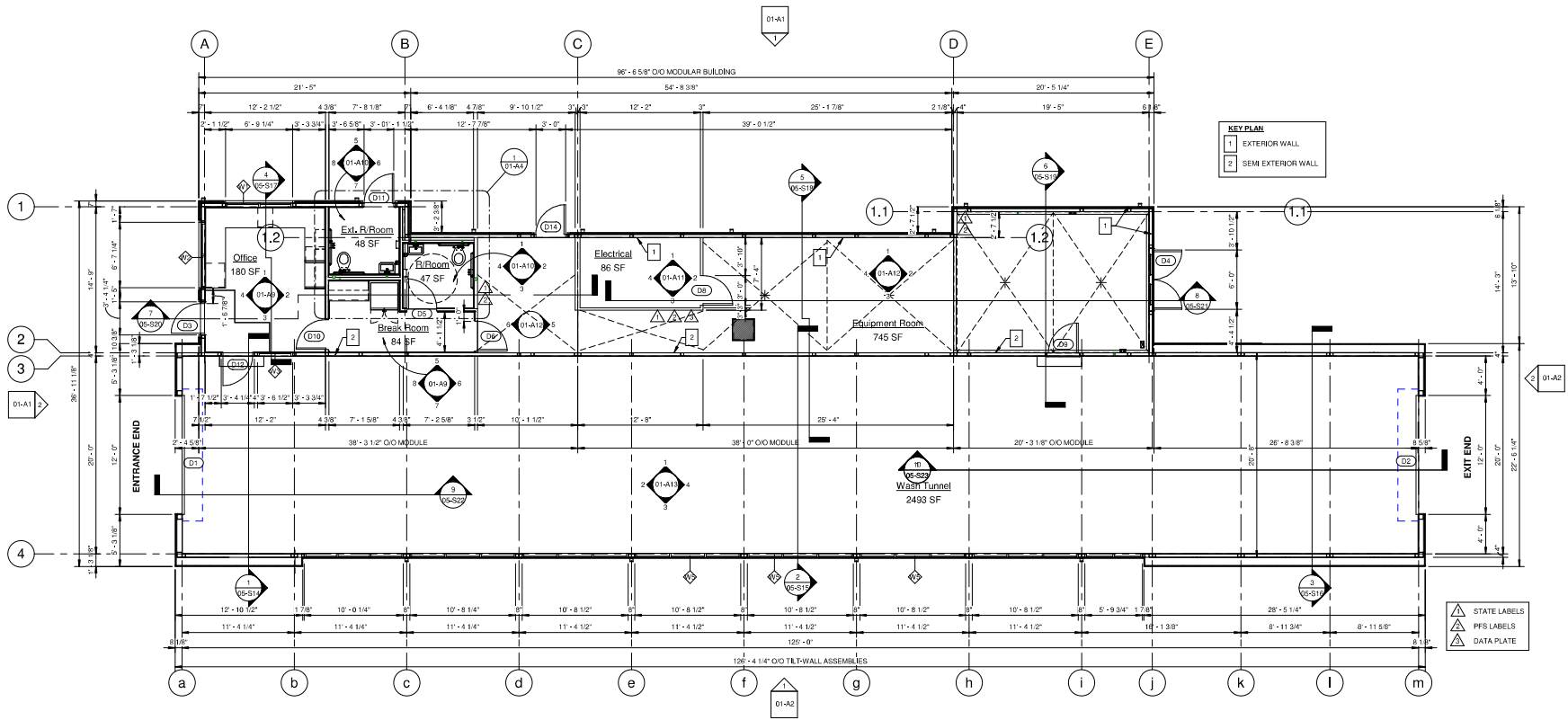
Page 5 of 80

Scale: -

9-H-24-DP
 7/29/2024



1285 Oakbrook Dr. STE C
Norcross, GA 30093
1.866.GENWASH
www.genwash.com

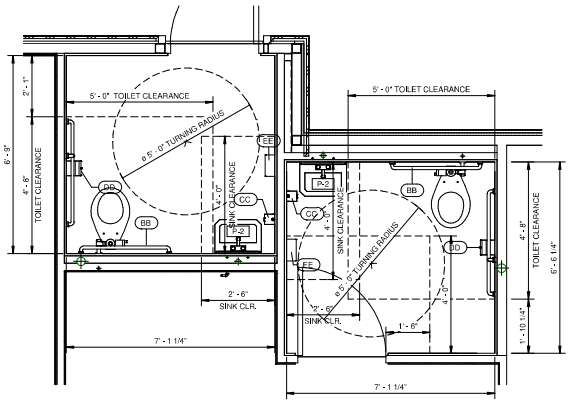


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No.	Description	Date

PROFESSIONAL SEAL

② Floor Plan
3/16" = 1'-0"



① Floor Plan - Rest Rooms
1/2" = 1'-0"

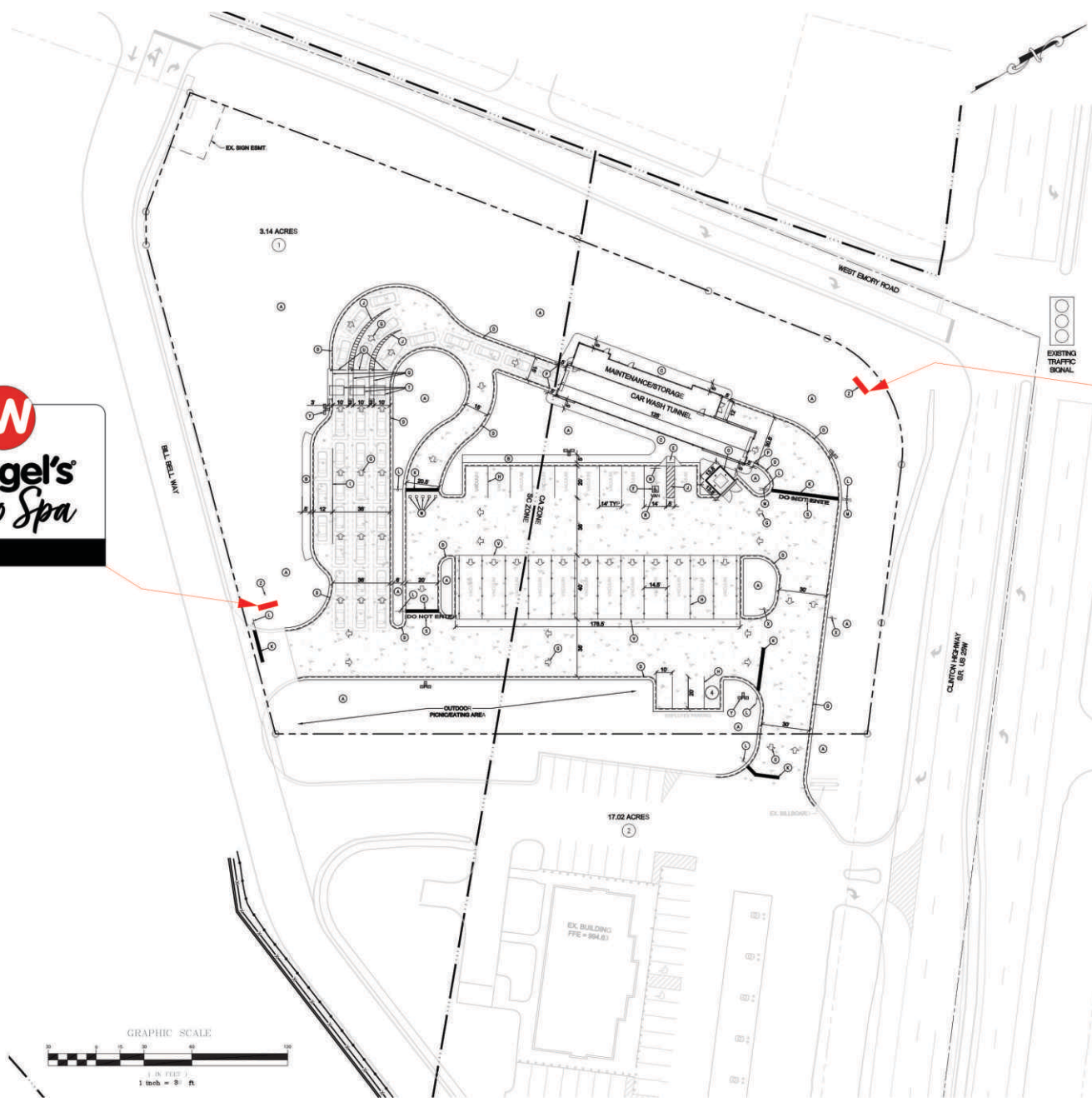
9-H-24-DP
7/29/2024

MODULAR CONSTRUCTION

CLIENT	Weigel's
PROJECT NAME	Express Car Wash
SHEET TITLE	Floor Plan
PROJECT NUMBER	-
ADDRESS	7505 Clinton Hwy Powell, TN 37849
DRAWN BY	-
MODEL NO.	-
IMP/PROJECT NO.	-
DATE	03/08/2024
PROFESSIONAL IN CHARGE	-
PROJECT MANAGER	-
DRAWN BY	-
QUALITY CONTROL	TD

01-A4

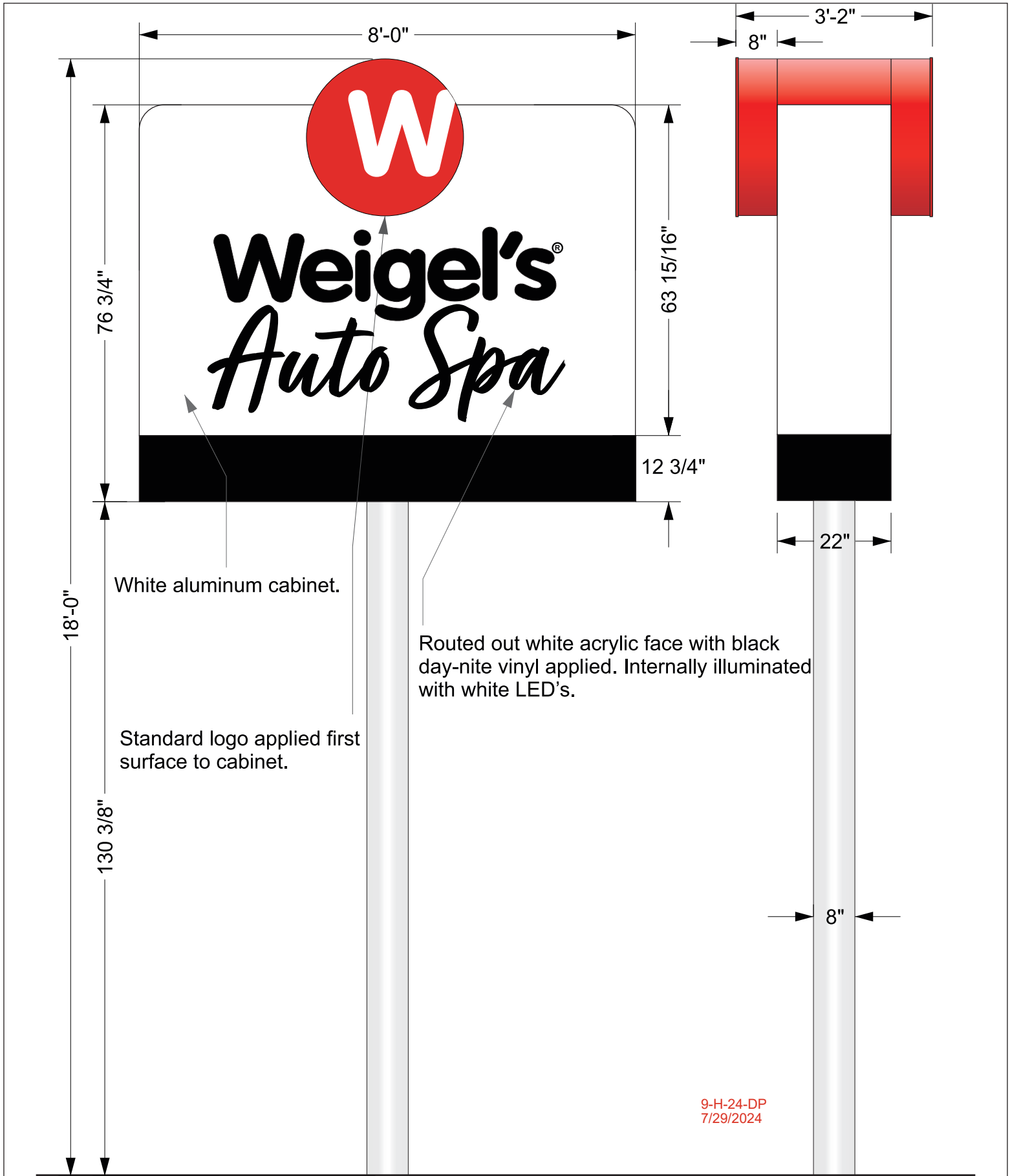
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7/29/2024

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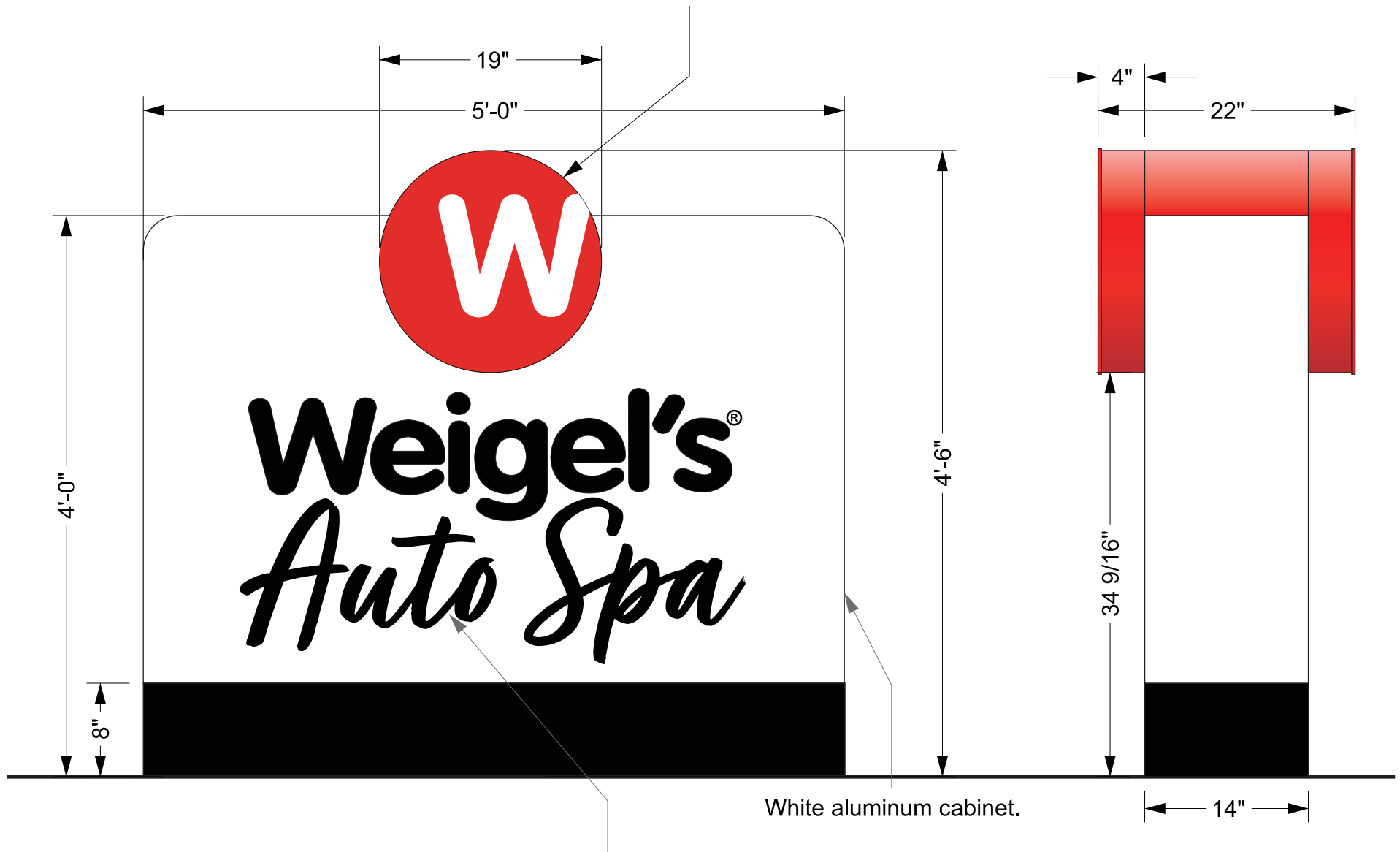
<i>Neon Service Co.</i>		
SCALE: N/A	APPROVED BY:	DRAWN BY:
DATE: 7-26-24		R.H.
NAME: Weigel's Auto Spa		
DRAWING NUMBER		9-26-241194



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<i>Neon Service Co.</i>		
SCALE: 1/2":1'	APPROVED BY:	DRAWN BY:
DATE: 7-26-24		R.H.
NAME: Weigel's Auto Spa		
DRAWING NUMBER		7-26-241194

Standard logo applied first surface to cabinet.



White aluminum cabinet.

Routed out white acrylic face with black day-nite vinyl applied. Internally illuminated with white LED's.

9-H-24-DP
7/29/2024

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Neon Service Co.

SCALE: 1":1'	APPROVED BY:	DRAWN BY:
DATE: 7-26-24		R.H.
NAME: Weigel's Auto Spa		
DRAWING NUMBER		7-26-241194