LEGEND

PROPERTY LINE

CURB AND GUTTER

PAVING MATERIALS SCHEDULE:

ASPHALT PAVING

AGGREGATE BASE COURSE*	6"	TDOT TYPE A, CLASS A & GRADING D
BITUMINOUS ASPHALT BASE MIX**	2"	TDOT GRADING E
BITUMINOUS ASPHALT SURFACE MIX***	1.5"	TDOT GRADING BM
PRIME COAT	0.25 GAL PER SQ. YD. OVER TOP BASE LIFT	

HEAVY DUTY ASPHALT PAVING

AGGREGATE BASE COURSE*	8"	TDOT TYPE A, CLASS A & GRADING D
BITUMINOUS ASPHALT BASE MIX**	3"	TDOT GRADING E
BITUMINOUS ASPHALT SURFACE MIX***	1.5"	TDOT GRADING BM
PRIME COAT	0.25 GAL PER SQ. YD. OVER TOP BASE LIFT	

CONCRETE PAVING

AGGREGATE BASE COURSE	6"	TDOT TYPE A, CLASS A & GRADING D
PORTLAND CEMENT CONCRETE	8"	PCC 4000 PSI TYPE I BASF MASTERFIBER M35 REINFORCEMENT AT DOSAGE RATE OF 0.5 LB/CY CONTINUOUS SAWED OR FORMED CONTROL JOINTS AT 12 FOOT BY 12FOOT SPACING MAX.

*REFER TO TDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", SECTION 903.05
**REFER TO TDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", SECTION 307
***REFER TO TDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", SECTION 411

SITE DATA:

SITE AREA	7.17 AC
ZONING	I - INDUSTRIAL ZONE
BUILDING SETBACKS:	
FRONT	20'
SIDE	5'
REAR	16'

PARKING DATA:

PARKING REQUIRED PER LOCAL CODE:

ONE PER TWO EMPLOYEES ON THE COMBINED TWO LARGEST SUCCESSIVE SHIFTS, PLUS ADEQUATE PARKING SPACE FOR CUSTOMER AND VISITOR VEHICLES AS DETERMINED BY THE PLANNING COMMISSION.

PARKING PROVIDED:

STANDARD SPACES	86
ACCESSIBLE SPACES	3
TOTAL PARKING PROVIDED	89

LEGEND:

- (A) LANDSCAPE AREA/ISLAND
- (B) CONCRETE SIDEWALK (SEE DETAIL SHEET)
- (C) 18" CONCRETE CURB & GUTTER (SEE DETAIL SHEET)
- (D) HANDICAP SPACE WITH PAINTED ACCESSIBLE SYMBOL (TYP)
- (E) 4" WIDE YELLOW DIAGONAL PAINT STRIPES AT 2'-0" O.C.
- (F) 4" WIDE PAINTED WHITE PARKING STRIPES (TYP)
- (G) 24" WIDE PAINTED WHITE STOP BAR (SEE DETAIL SHEET)
- (H) 4" WIDE PAINTED YELLOW STRIPE (TYP)
- (I) PAINTED DOCK NUMBER (REFER TO ARCHITECTURAL PLANS) (TYP)
- (J) ACCESSIBLE PARKING SIGN (SEE DETAIL SHEET)
- (K) ACCESSIBLE PARKING SIGN WITH "VAN ACCESSIBLE" SIGN (SEE DETAIL SHEET)
- (L) "STOP" SIGN (SEE DETAIL SHEET)
- (M) CONCRETE WHEEL STOP (SEE DETAIL SHEET)

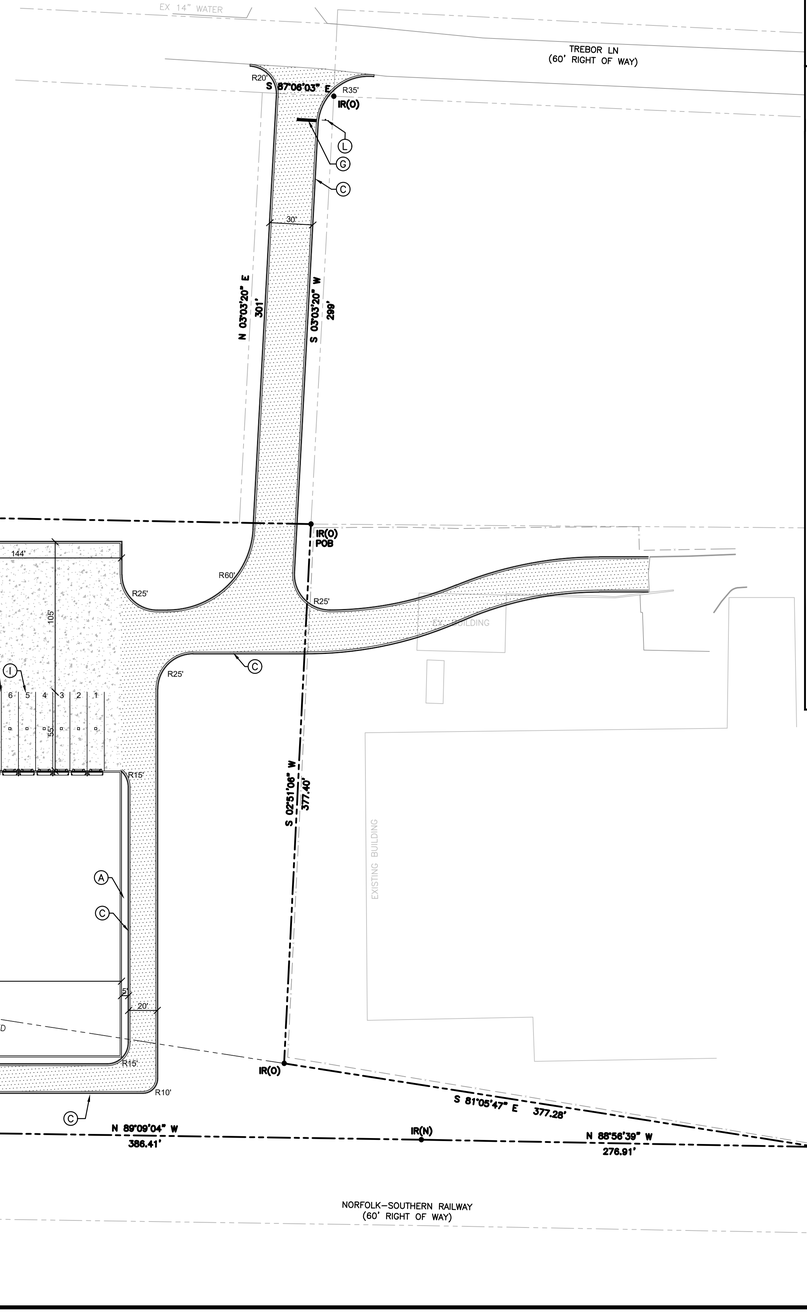
REFER TO SHEET C8.1 FOR SITE DETAILS

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

Tennessee811
Know what's below.
Call before you dig.



SITE PLAN NOTES:

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY 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 CURBED AND STRIPED RADII ARE TO BE 3' UNLESS OTHERWISE NOTED.
4. ALL DIMENSIONS AND RADII ARE TO FACE OF CURB OR FACE OF BUILDING UNLESS OTHERWISE NOTED.
5. 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.
6. EXISTING STRUCTURES WITHIN THE CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED, OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE BID.
7. 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.
8. SITE BOUNDARY , TOPOGRAPHY, UTILITY AND BOUNDARY INFORMATION WAS TAKEN FROM SURVEY BY RANDALL WHITE LAND SURVEYS, DATED 04/18/2021.
9. THE SITEWORK FOR THIS PROJECT SHALL MEET OR EXCEED "THE PROJECT 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.
10. IN ORDER TO PREVENT PONDING THE CONTRACTOR SHALL INSTALL REVERSE-PITCH GUTTER AT ALL LOCATIONS WHERE ASPHALT SLOPES AWAY FROM GUTTER.
11. REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING AND 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 ½"DEVIATION IN ANY 10' INCREMENT.

PAVING THICKNESS TOLERANCE
PAVING THICKNESS AT ANY ONE CORE SHALL NOT BE LESS THAN 90% OF SPECIFIED THICKNESS. THE AVERAGE OF ALL APPROVED TESTS MUST BE AT LEAST EQUAL TO THE SPECIFIED THICKNESS FOR EACH MATERIAL. NOT MORE THAN 20% OF ALL APPROVED TEST MAY FALL BELOW SPECIFIED MINIMUMS. ANY AREA FOUND TO BE LESS THAN 90% SPECIFIED THICKNESS SHALL BE OVERLAIN WITH ASPHALT AS DIRECTED BY SITE, INC.

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 AND REQUIRED THICKNESS. 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. TEST HOLES NOT SPOTTED BY SITE, INC. MAY NOT BE CONSIDERED ACCEPTABLE.

ALLOW A MINIMUM OF SIXTEEN CORE TESTS TO BE LOCATED ONLY BY WRITTEN INSTRUCTION BY SITE, INC.

THE PAVING CONTRACTOR SHALL REPAIR ALL CORING HOLES BY FILLING HOLES WITH CONCRETE FLUSH TO TOP OF PAVEMENT.

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 - 3/500 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, MARCH 1, 2006 (SECTION 918.23).

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.

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FOR PRICING

Site Layout Plan

Proposed Warehouse

Trebor Ln
Knoxville, Tennessee 37914
HBC Warehouse Holdings Partners

REVISIONS

NO.	DATE	COMMENTS

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SITE PROJECT#: 2055
FILE: 2055 Layout
SHEET: ___ OF: ___

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