

Digitally signed by Daniel J. Merrikin, P.E.
Date: 2022.09.17 10:13:55 -04'00'

OWNER
R&R 53 WASHINGTON, LLC
10 LINCOLN ROAD
FOXBOROUGH, MA 02035

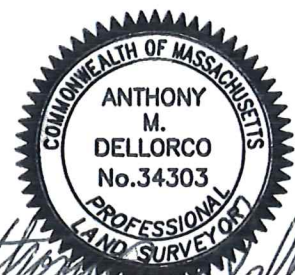
APPLICANT
CARROLL ADVERTISING
415 NEPONSET AVENUE
DORCHESTER, MA 02122

ZONING DISTRICT
S-1

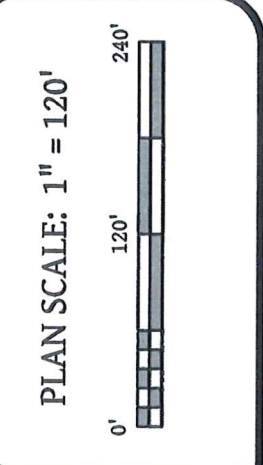
ASSESSORS PARCEL
10-004

PLAN & DEED REFERENCE
PLAN BOOK 483 NO. 112
DEED BK. 39343 PG. 258

- NOTES:**
1. SURVEY BY COLONIAL ENGINEERING, INC.
 2. BUILDING AND PAVEMENT LOCATIONS FROM AVAILABLE RECORD INFORMATION.



Anthony M. Dellorco



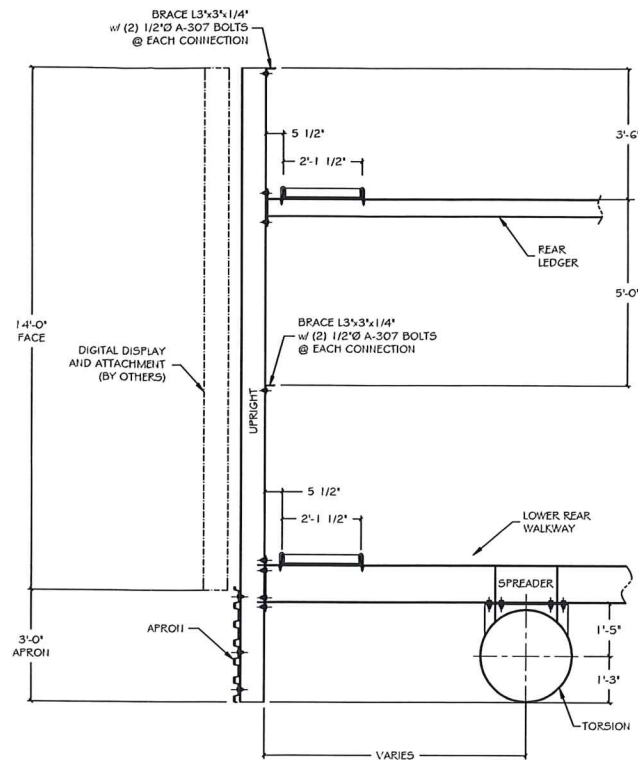
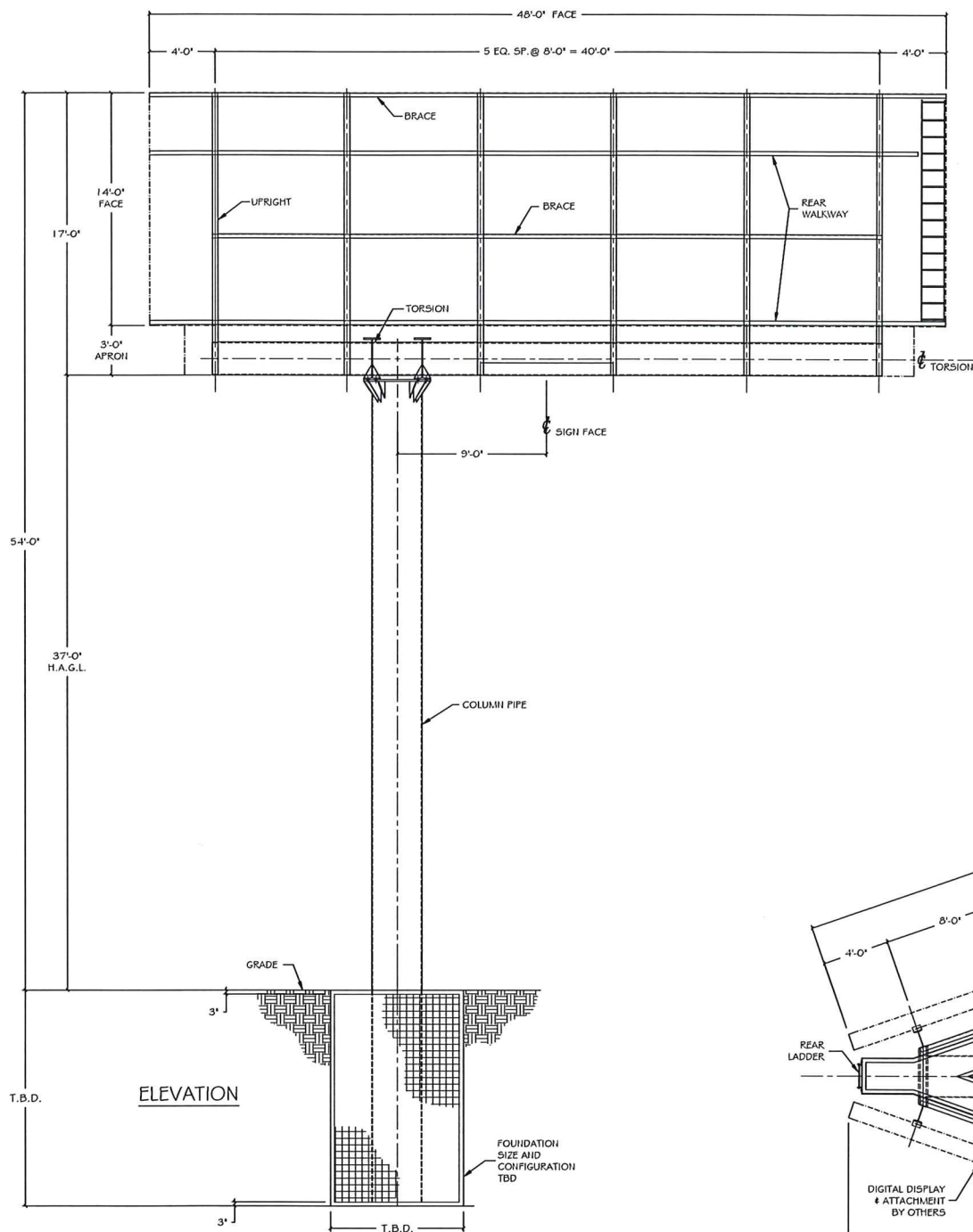
PLAN DATE: SEPTEMBER 14, 2022

REVISION	DATE	BY
1	09-17-22	DM
2	09-17-22	DM
3	09-17-22	DM
4	09-17-22	DM
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10	09-17-22	DM

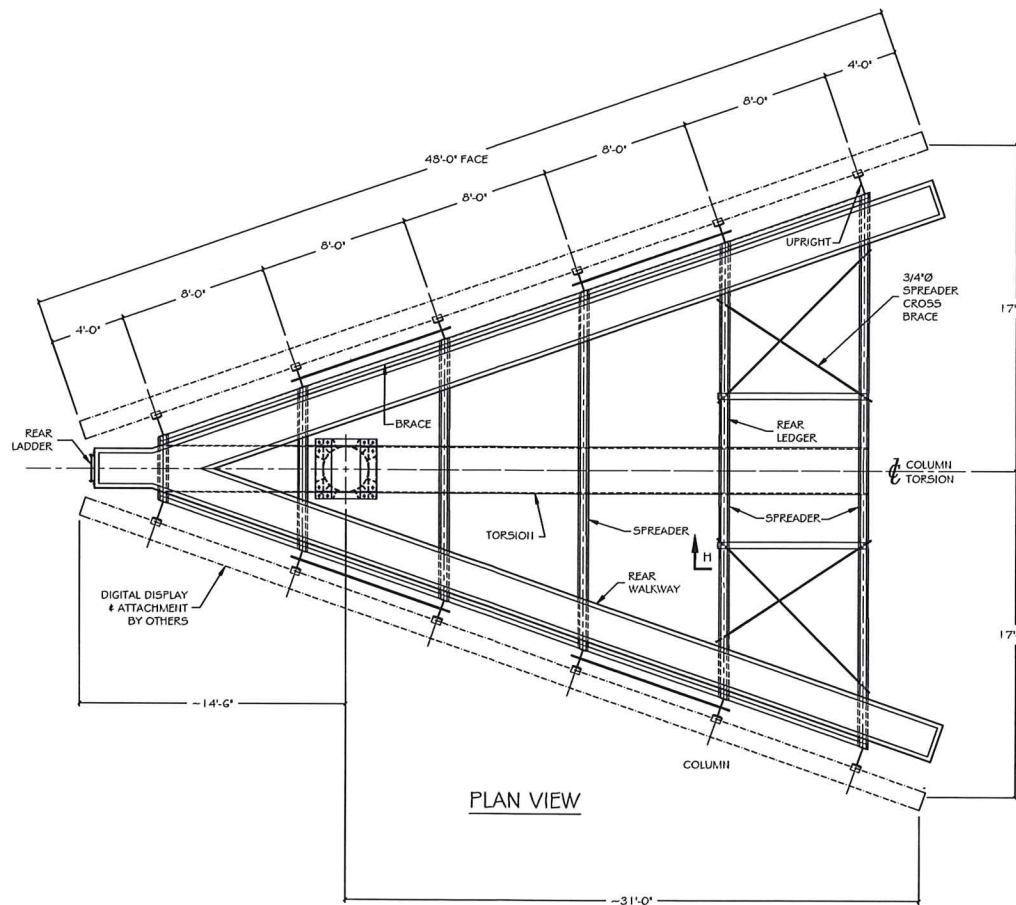
45 WASHINGTON STREET
PLOT
PLAN OF LAND
IN
FOXBOROUGH, MA

730 MAIN STREET
SUITE 2C
MILLIS, MA 02054
508-376-8883(o)
SHEET 1 OF 1





TYPICAL SECTION THRU SIGN



PLAN VIEW

NOTES AND SPECIFICATIONS

CODE - 9th ED. MASSACHUSETTS STATE BUILDING CODE, 2015 IBC AS AMENDED

SITE COORDINATES - 42°02'54.5"N, 71°18'06.8"W

WIND DESIGN - SIGN STRUCTURE WIND LOADS ARE DETERMINED IN ACCORDANCE WITH ASCE 7-10 SECTION 29.4.1.
 BASIC WIND SPEED: 131 MPH (3 SECOND GUST)
 RISK CATEGORY: II
 EXPOSURE: C
 VELOCITY PRESSURE (q): TBD PSF
 REFER TO ASCE 7-10 FIGURE 29.4-1.
 ANY SIGN COMPONENTS NOT SPECIFICALLY DETAILED ON THESE DRAWINGS BUT ATTACHED TO THE STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH THE INFORMATION ABOVE.

LIVE LOAD - WALKWAYS: 40 PSF OR 300 POUNDS AT ANY POINT

DEAD LOAD -
 LED DISPLAY: 8,000 LBS EACH SIDE
 OTHER STRUCTURAL MEMBERS: AS NOTED IN CALCULATIONS

STEEL -
 WIDE FLANGES: ASTM A992
 PIPES: ASTM A53, A252, A500 OR API 5L GRADED TO MEET F_y ON DRAWING
 OTHER SHAPES & PLATES - ASTM A36 OR A572 GRADE 50

EXPANDED METAL GRATING - EXPANDED METAL GRATING SHALL BE MANUFACTURED FROM CARBON STEEL IN CONFORMANCE WITH THE EXPANDED METAL MANUFACTURERS ASSOCIATION (EMMA) STANDARD NO. 557-18, 'STANDARDS FOR EXPANDED METAL.' EMMA IS A DIVISION OF THE NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS (NAAMM).

ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED ACCORDING TO LATEST AISC SPECIFICATIONS AND STANDARD PRACTICE.

PAINTING - ALL STRUCTURAL STEEL, EXPOSED TO WEATHER, SHALL BE SHOP PRIMED AND PAINTED IN ACCORDANCE WITH AISC 335 (SPECIFICATION) AND AISC 303 (STANDARD PRACTICE).

WELDING - ALL WELDING MATERIALS AND COMPONENTS SHALL BE IN COMPLIANCE WITH AWS D1.1 USING 70 KSI FILLER MATERIAL.

BOLTS - BOLTS SHALL CONFORM TO ASTM F3125 GRADE A325 AND BE ZINC PLATED OR HOT DIPPED GALVANIZED. ALL BOLTS SHALL BE INSTALLED TO A PRE-TENSIONED (PT) CONDITION UNLESS NOTED TO BE SNUG TIGHT. PT BOLTS SHALL BE FULLY TENSIONED PER AISC TURN OF THE NUT METHOD (1/3 OF A TURN PAST A SNUG TIGHT CONDITION) OR OTHER AISC APPROVED TENSIONING METHOD.

CONCRETE - CONCRETE SHALL BE PROPORTIONED WITH TYPE II CEMENT AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. CONCRETE TO BE PLACED IN ACCORDANCE WITH ACI 318 WITH A MAXIMUM WATER TO CEMENT RATIO OF 0.50.

REINFORCEMENT - FOR CUBE FOUNDATIONS, REINFORCING STEEL SHALL BE WELDED WIRE REINFORCEMENT 4x4 - W4 x W4 PER ASTM A1064. REINFORCEMENT SHALL BE FABRICATED AND SECURED IN ACCORDANCE WITH ACI 318 AND WIRE REINFORCEMENT INSTITUTE MANUAL OF STANDARD PRACTICE. IN LIEU OF WWR, CONCRETE MAY BE REINFORCED WITH SIKAFIBERMESH 650-43 (OR EQUAL) DOSED TO CONCRETE AT A MINIMUM 3 POUNDS PER CUBIC YARD.

FOUNDATION - PRELIMINARY FOUNDATION DESIGN BASED UPON LATERAL BEARING PER 1807.3.2.1 USING AN ALLOWABLE LATERAL BEARING PRESSURE OF 200 PSF/FT FOR CLASS 3 MATERIAL (SANDY GRAVEL, GRAVEL) PER TABLE 1806.2. DESIGN SOIL PRESSURE MULTIPLIED BY 2 PER 1806.3.4. VERIFICATION OF SOIL TYPE REQUIRED PRIOR TO CONSTRUCTION.

EXTEND COLUMN PIPE TO BOTTOM OF FOOTING (3" CONCRETE COVER REQUIRED)

SPECIAL INSPECTIONS - SPECIAL INSPECTIONS ARE REQUIRED PER CHAPTER 17 FOR THE FOLLOWING ITEMS:

- HIGH STRENGTH BOLTS: PERIODIC INSPECTION TO REVIEW BOLT TYPE AND TENSION

THE ERECTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD BEFORE ERECTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

THE UNDERSIGNED ENGINEER WILL NOT SUPERVISE THE FABRICATION OR ERECTION OF THIS STRUCTURE.

NOT FOR CONSTRUCTION

CLIENT:
CARROLL ADVERTISING OUTDOOR DIGITAL
 1002 NICHOLSON BLVD.
 BOX 100
 FOXBORO, MA 02035
 (617) 262-2100

DRAWING TITLE:
PRELIMINARY DRAWINGS AND NOTES
 JOB TITLE:
14' x 48' PF 35' V SIGN STRUCTURE
 JOB LOCATION:
**45 WASHINGTON STREET
 FOXBORO, MA**

THE USE OF THESE DRAWINGS (PLANS, SCHEDULES, NOTES, SECTIONS, AND DETAILS) ARE TO BE LIMITED TO THIS SPECIFIC PROJECT UNLESS EXPRESSED WRITTEN CONSENT IS GIVEN BY THE ENGINEER OF RECORD.

REVISIONS		
NO.	DATE	COMMENTS
△	10/12/22	PRELIM FOR ZONING
△		
△		
△		
△		
△		

DRAWN BY: JSW	DESIGNED BY: JSW
SCALE: AS NOTED	CHECKED BY: JSW
JOB NUMBER: ---	FILE NUMBER: ---

DATE ISSUED: 10/12/22

DRAWING NUMBER:
S-1
 1 OF 1

RECEIVED
 TOWN CLERK
 2022 OCT 28 A 11:18
 FOXBOROUGH, MA 02035