BRIDGE FRAMING SHEET NOTES:

BFN1. T/ABUTMENT WALL = +664.00 (CIVIL/STRUCT'L).
T/TIMBER DECK'G = +662.67 (CIVIL/STRUCT'L).

T/ABUTMENT FTG'S = +653.00' (CIVIL/STRUCT'L).
T/AND' @ DRIVE = +661.67 (CIVIL/STRUCT'L).

T/BEAM BRG' LEDGE = +660.50' (8" BRG' LEDGE)

BFN2. SEE S0.0 FOR GENERAL STRUCTURAL NOTES.

BFN3. PI = 4x4 RAIL POST - SEE SCHED. THIS SHEET

BFN4 6"x1½"x1'-0" BRG' PL W/ (2) ¾"Ø L&L HOLES FOR ANCHORAGE TO W21 DECK BEAMS. PROVIDE NEO-PRENE BEARING PAD BTW' W21 BEAM & PL.

ANCHOR PL TO ABUTMENT W/ (2) ⅝"x10" EMBED'D HILTI SS ANCHORS AND HY-200 EPOXY. FINGER TIGHTEN AND DAMAGE THREAD AFTER INTALLTN.

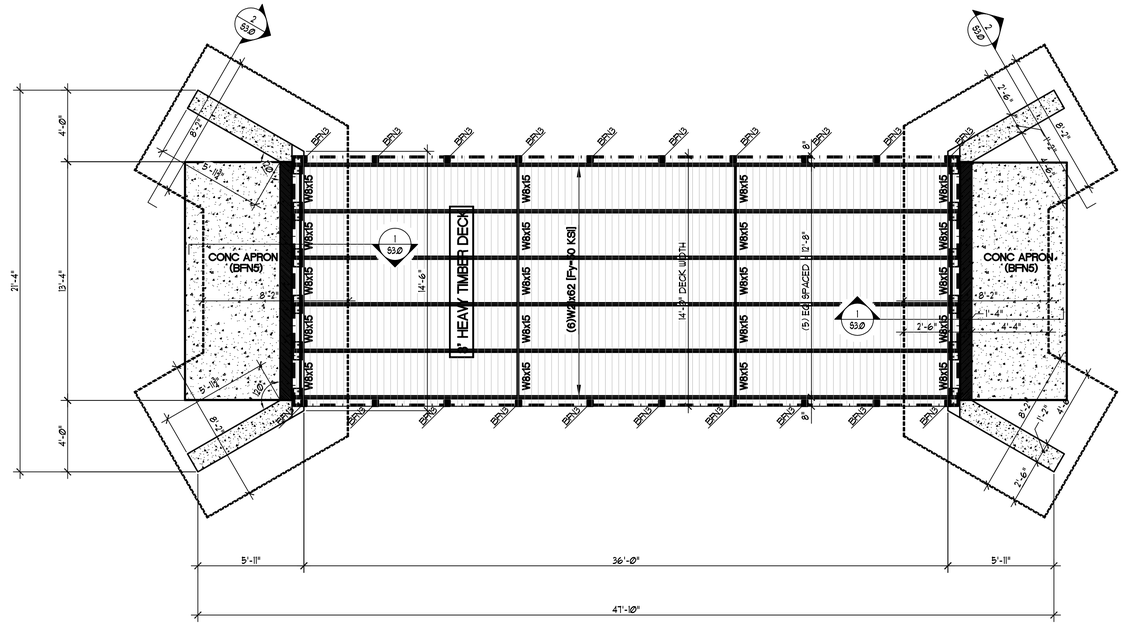
BFN5. INDICATES 8" CONCRETE APPROACH APRON TO BE ANCHORED TO T/ABUTMENT WALL W/ #5 BARS. REINFORCE APRON WITH #4 @ 12" o.c. (EA. WAY)

FIELD TESTING AND REPORTS

G.C TO WORK WITH SOILS CONSULTANT TO CONFIRM THE FOLLOWING DATA:

1.0) CONFIRM SOILS BEARING CAPACITY @ 4,000 PSF. REMOVE BAD SOIL AND FILL WITH CA-6 STONE AND COMPACT TO 98% DRY DENSITY(MIN.) TO ACHIEVE 4,000 PSF BEARING.

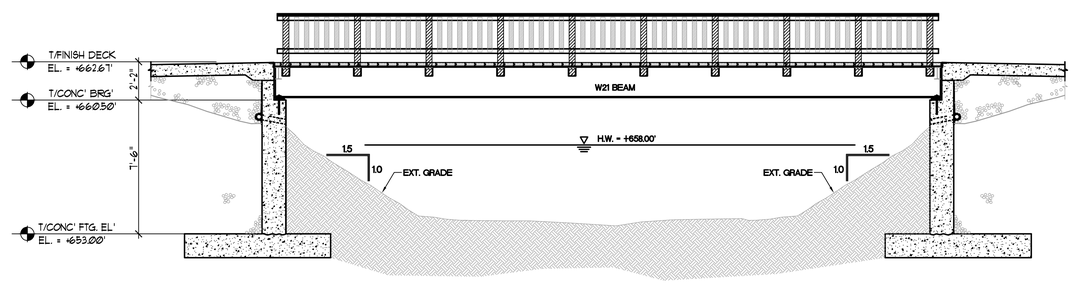
2.0) CONTACT SOILS CONSULTANTS AND PROVIDE TO VILLAGE OF LEMONT CONCRETE MIX AND ALL SOILS CAPACITY CONFIRMATION FIELD TEST REPORTS.



BRIDGE FRAMING PLAN

SCALE: 1/4" = 1'-0"

TRUE NORTH PLAN NORTH



BRIDGE ELEVATION

SCALE: 1/4" = 1'-0"

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NEW BRIDGE
STRUCTURE
FOR
LOT #30

EQUESTRIAN WOODS
UNIT #2
LEMONT, IL

SEAL:

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No.	Description	Date
-	ISSUED FOR REVIEW	11/02/2021

BRIDGE
FRAMING PLAN
& ELEVATION

Project number	211479.00
Date	11/02/2021
Drawn by	AMW
Checked by	DER
S2.0	
Scale	As indicated