NORTH

50' 0' 50' 100' 150'

Date: January 30, 2018
Scale: 1" = 50'

12 MILE BAYOU

I-220(OVERHEAD)

N56°41'59"E 103.84'

S86°41'31"E 515.20'

N66°09'59"E 176.07'

TREES TO REMAIN IN THIS AREA

S13°05'26"W 387.11'

LEVEE

REQ'D BERM
3:1 SLOPES
TOP EL:170.00'
BTM EL:169.00'

REQ'D RIP RAP

Tract 1
8.412 ACRES
366,421 SQ FT

FENCE TO BE RELOCATED ON WEST SIDE OF P/L

DRY DETENTION POND

STORAGE/EQUIPMENT YARD(AGGREGATE SURFACE)

SAN. SEWER TREATMENT

N22°22'02"W 775.23'

VACANT-ZONED I-2

2205 sf
1 story
Truck Shop
(not open to public)

60'

40'

10'

25'

9'

200'

EXISTING PROPOSED WELL (APPROXIMATE LOCATION)

ALL WEATHER HARD SURFACED DRIVE(ASPHALT OR CONCRETE)

S31°09'59"W 388.18'

EXISTING CHAIN LINK FENCE

R50'

15.50'

R10'

180'

15' LANDSCAPE AREA

S59°25'59"W 64.35'

47.50'

220.50'

DIXIE SHREVEPORT ROAD(LA. HWY. 3049)

R=182.30'
L=89.94'
CH=S45°17'59"W
ChL=89.03'

SEE INSET "A"

EXISTING FENCE W/ GATE

30'

R50'

15.50'

R10'

180'

47.50'

57.95'

220.50'

INSET "A"

Scale: 1" = 30'

9" CONCRETE PAVEMENT – REQUIRED IN STATE R/W

LADOTD NOTES:

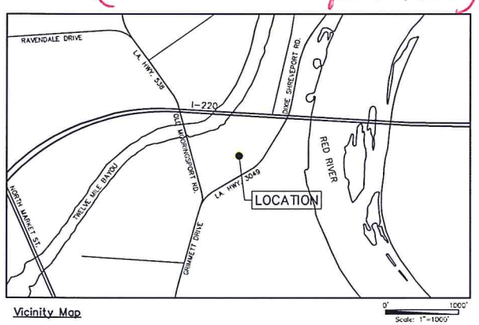
1. REFER TO LADOTD CP-01 STANDARD DETAILS FOR JOINT DETIALS IN LADOTD R/W.
2. REFER TO LADOTD CB-01 STANDARD DETAIL FOR SURFACE INLETS IN LADOTD R/W.
3. REFER TO LADOTD TTC-00 (A-D) AND TTTC-04 STANDARD DETAILS FOR TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION OF PAVED ACCESS IN LADOTD R/W.

EXECUTIVE DIRECTOR APPROVAL

5/22/18 Date

MWG By

(Refer to stipulation)



Vicinity Map

COMPACTED CRUSHED AGGREGATE (LADOTD 1003.03 (b) OR (c))

PORTLAND CEMENT CONCRETE (4,000 PSI AT 28-DAYS)

6"

9"

GEOTEXTILE FABRIC

SCARIFY AND COMPACT THE UPPER 8" OF EXISTING SUBGRADE TO 95% OF THE STANDARD PROCTOR DENSITY WITHIN 2% OF THE OPTIMUM MOISTURE.

TYPICAL CONCRETE SECTION
WITHIN DOTD RIGHT OF WAY
Scale: 3/4" = 1'-0"

EXISTING ZONING: I-2

PARKING DATA

TOTAL SHOP AREA=2205 SF±/500=5 SPACES
5 PROVIDED

PROPOSED LANDSCAPING LEGEND

SHADE TREE – GREEN ASH (3) fraxinus pennsylvanica

SHADE TREE – SHORTLEAF PINE(3) pinus echinata

GRASS/GROUND COVER

IRRIGATION TO BE PROVIDED PER CODE

APPROVED:

MPC Executive Director Date

SITE PLAN
PART OF LOT 7, SEC. 14, T18N-R14W,
CADDO PARISH, LA. 181414-000-0037-00
& 181414-000-0119-00 8.412 ACRES

NO.	REVISIONS	DATE

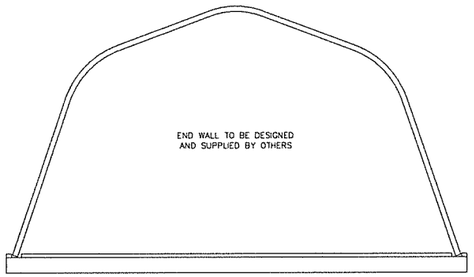
Mohr and Associates, Inc.
Consulting Civil Engineers & Land Surveyors
1324 N. Hearne Ave., Ste 301 Phone: (318) 686-7190
Shreveport, Louisiana 71107 Fax: (318) 402-4400

MAC CONTRACTING GROUP
MIKE ESTESS 318-402-4744

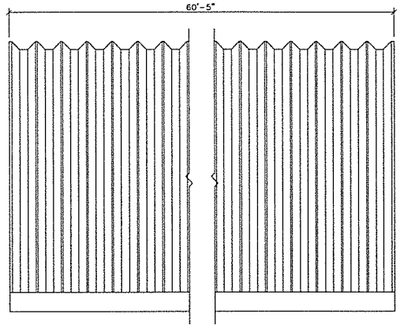
FOR:

Date 2-07-2018
Scale 1"=50'
Job 36702 Drawn DBA
Sheet 1 of 1 Sheets

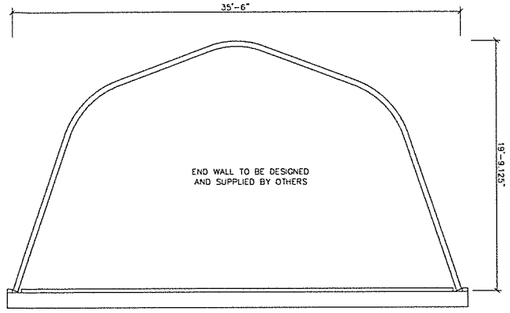
5/11/2018, 1:02:10 PM, J:\CIVIL\SITE PLANS\MAC CONTRACTING\DRAWINGS\36702-MPC SITE PLAN.DWG



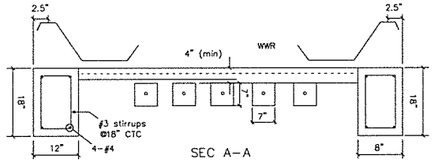
REAR ELEVATION



SIDE ELEVATION

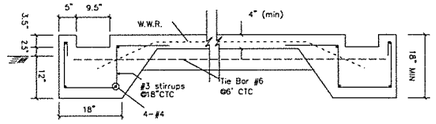


FRONT ELEVATION



SEC A-A

Total 10 Tie Bars @6' CTC

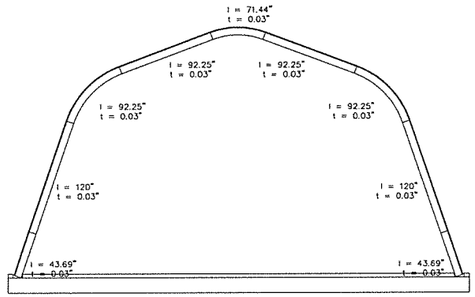


SEC B-B

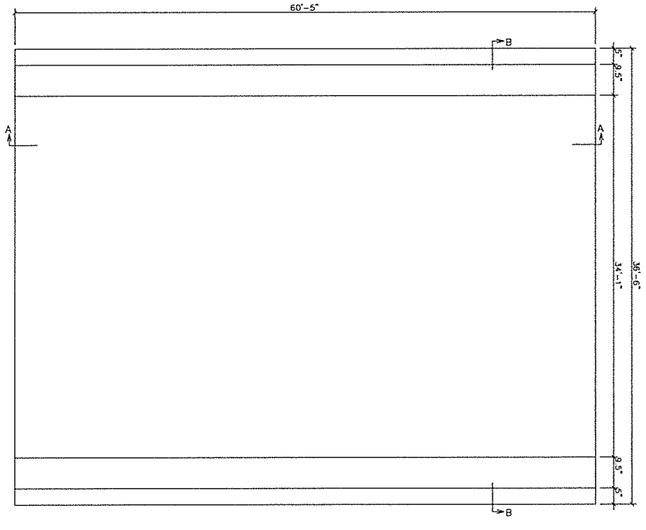
WARNING: DO NOT REMOVE OR REDUCE THE CONCRETE FLOOR OR THE REINFORCING STEEL, AND/OR RAISE THE TOPS OF THE FOOTERS ABOVE THE FLOOR OR BUILDING FAILURE MAY RESULT

Minimum Concrete Cover:

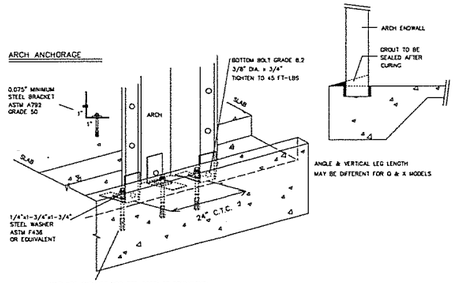
(a) Concrete Cast against earth:	3"
(b) Concrete exposed to earth or weather:	
No. 6 through No. 10 bars:	2"
No. 5 bor and smaller:	1.5"
(c) Concrete not exposed to earth or weather:	0.75"



ARCH PROFILE



FOUNDATION PLAN



HILTI KB3 ANCHORS (ICC-ESR-2302) OR EQUIVALENT:
1/2" DIA. x 5 1/2" BOLTS WITH 4.4" EMBEDDED DEPTH FOR BUILDINGS LESS THAN 30'-0" WIDE
5/8" DIA. x 10" BOLTS WITH 8.75" EMBEDDED DEPTH FOR 30'-0" WIDE AND GREATER

FIRST ANCHOR BOLT LOCATION FROM END OF FOUNDATION:
* 2.5" WITH NO WALL OR MANUFACTURER'S CLADDED ENDWALL
* 3.5" WITH MANUFACTURER'S CORRUGATED ENDWALL

ARCHES AND MANUFACTURER'S ENDWALLS MUST BE GROUTED INTO FOUNDATION ON BOTH SIDES OF PANELS

GENERAL NOTES

1. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM WITH THE REQUIREMENTS OF THE LATEST REVISION OF THE INTERNATIONAL BUILDING CODE 2012. DESIGN ACCORDING TO AISI S100-07/S2-10, NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, AND WITH ANSI/ASCE 7-10.
2. NO LOADS OTHER THAN THOSE GIVEN UNDER "DESIGN DATA" BELOW SHALL BE IMPOSED ON THE "STRUCTURE"
3. SPECIFIC NOTES AND DETAILS SHOWN ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE BUILDING MANUAL SUPPLIED.
4. THE BUILDING, INCLUDING THE FOUNDATION, MUST BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE DRAWING AND ERECTION INSTRUCTIONS. ANY DEVIATION, UNLESS APPROVED BY US IN WRITING, SHALL NULLIFY OUR CERTIFICATE AND SEAL AND SHALL BE THE SOLE RESPONSIBILITY OF THE ERECTOR.
5. A PROFESSIONAL ENGINEER SHOULD BE RETAINED WHERE SITE INSPECTIONS ARE WARRANTED.
6. NO ARCH PANEL MAY BE CUT OR MODIFIED UNLESS IT IS TO ACCOMMODATE AN ACCESSORY PROVIDED BY THE MANUFACTURER IN ACCORDANCE WITH ITS INSTRUCTIONS AND/OR THIS DRAWING.
7. MINIMUM SEPARATION FROM THIS BUILDING TO ANY TALLER BUILDING MUST BE THE SMALLER OF 20 FEET AND 6 TIMES THE HEIGHT DIFFERENCE.

FOUNDATION NOTES

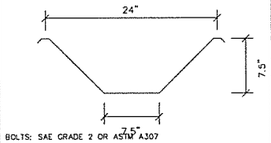
NOTE: THE FOUNDATION ON THE DRAWNG SPECIFIES THE MINIMUM REQUIREMENTS. LOCAL BUILDING CODE AND SITE CONDITIONS MAY REQUIRE A STRONGER FOUNDATION, WHICH MUST BE DESIGNED BY A LOCAL ENGINEER.

1. THE FOUNDATION SHALL BE FOUNDED ON NATURAL UNDISTURBED SOIL CAPABLE OF SAFELY SUSTAINING 1500 psf. THIS SHALL BE DESIGNED TO FULLY RESIST ALL ROTATION AT THE BASE OF THE ARCH.
2. SLAB ON GRADE SHALL BE PLACED ON WELL COMPACTED SOIL CAPABLE OF SUSTAINING 1500 psf WITHOUT APPRECIABLE SETTLEMENT.

DESIGN DATA (MATERIALS)

1. CONCRETE F'c = 2500 PSI @ 28 DAYS, ACI
2. REINFORCING STEEL GRADE 40, Fy = 40 KSI, ASTM A615
3. W.W.R. Fy = 65 KSI, ASTM A185.
4. W.W.R. 6 x 6 – W1.4 x W1.4

ARCH DATA



BOLTS: SAE GRADE 2 OR ASTM A307
ARCH STEEL THICKNESS – SEE ARCH PROFILE

GALVALUME SHEET STEEL
STRUCTURAL QUALITY ASTM SPECIFICATION A792-08
55% ALUMINUM-ZINC ALLOY (HOT DIP COATING)
ASTM A792 GRADE 50A
50 KSI MINIMUM YIELD
65 KSI MINIMUM TENSILE
HSS SECTIONS SHALL CONFORM TO:
ASTM A500 GRADE B (Fy = 46 ksi)
W SECTIONS SHALL CONFORM TO:
ASTM A992 GRADE 50 (Fy = 50 ksi)
OTHER SECTIONS SHALL CONFORM TO:
ASTM A36 (Fy = 36 ksi)

ARCH DESIGN DATA IN ACCORDANCE WITH ANSI/ASCE 7-10:
ROOF LIVE LOAD (PSF) = 20
Pg: GROUND SNOW LOAD (PSF) = 5
Ce: EXPOSURE FACTOR = 1.0
Ct: THERMAL FACTOR = 1.0
IMPORTANCE FACTOR (SNOW) = 0.8
CATEGORY 1/AGRICULTURAL BUILDING
Pnet: COMPONENT WIND PRESSURE (PSF) = +/- 21
V : BASIC WIND SPEED (MPH) = 105
Kh: VELOCITY PRESSURE EXPOSURE = 0.85
WIND EXPOSURE CATEGORY = C
SEISMIC DESIGN CATEGORY = A

REVISIONS:

ENGINEER'S SEAL:

Future Steel Buildings Intl. Corp.
220 Chrysler Drive, Brampton, Ontario, Canada, L6S 6B6, Phone: (905) 790-8500

SCALE: N.T.S.	APPROVED BY: P. QUO	
DATE: 07/12/2017	CHECKED BY: J.B.	

PROJECT: MIKE ESTESS
SHREVEPORT, LA

MODEL: X35-20 DWG: 17-2888