

TRANSMITTAL

To: Wenger Excavating, Inc./ Jeff Date: 2/25/2014
Gaul/Gjorgi Kondev

From: Frederick P Werner

Re: 2013 Levee Infrastructure Date 2/25/2014
Improvement Project Submitted:

WE ARE SENDING YOU:

☒ ATTACHED ☐ DRAWINGS ☒ SHOP
DRAWINGS/
SUBMITTAL ☐ CONTRACTS ☐ CHANGE ORDER

Notes: Lindsay Concrete Precast Slab Top-, **APPROVED**,
USF Fabrication Inc. Aluminum Hatches-, **APPROVED**

Submittals have been reviewed with the following exceptions:

SUBMITTAL/ SHOP DRAWING REVIEW

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF THE GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NOTHING HERE IN AUTHORIZES ADDITIONAL COST. THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; PERFORMANCE; SELECTING FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS OR HER WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER.

CITY OF MASSILLON
151 LINCOLN WAY EAST
MASSILLON, OHIO 44646

BY _____ FPW
DATE 2/25/2014 _____

(x) APPROVED
() APPROVED AS NOTED

() NOT APPROVED
() REVISE/RESUBMIT

CC: File, RPR

SIGNED: 

4767

8158

Phone 330-837-

Fax 330-828-



26 N. Cochra St. • P.O. Box 499 • Dalton, Ohio 44618

City of Massillon – Division of Engineering
Municipal Government Annex
City Administration Building
Massillon, Ohio 44646

2/19/14

Attn: Fred Werner

Re: Proposed lowering of SCR-2

Mr. Werner,

Wenger Excavating would like to propose lowering SCR-2 to within 12" +/- of existing grade. Concrete Cutting of Akron will make a full depth horizontal saw cut at ground level. Wenger will remove and dispose of section of concrete and set with Conseal a HS-20 Precast Slab Top. The slab top shall have two 30" x 30" aluminum hatches cast in. See Lindsay Concrete Submittal.

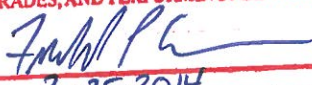
All above work shall be considered part of the Sanitary Siphon Chamber Rehab Work Item with No additional cost to the City of Massillon.

If you have any questions please call me at (330)495-6010

SUBMITTAL SHOP DRAWING REVIEW

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF THE GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NOTHING HEREIN AUTHORIZES ADDITIONAL COST. THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; PERFORMANCE; SELECTING FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS OR HER WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER.

CITY OF MASSILLON
151 LINCOLN WAY EAST
MASSILLON, OHIO 44646

BY 
DATE 2-25-2014

Sincerely,
George Bosu
Project Manager
Wenger Excavating, Inc.

☒ APPROVED
☐ APPROVED AS NOTED

☐ NOT APPROVED
☐ REVISE/RESUBMIT

"An Equal Opportunity Employer"



6845 ERIE AVE. N.W. BOX 578 • CANAL FULTON, OHIO 44614 • (330) 854-4511
WWW.LINDSAYCONCRETE.COM

Proposal For:

Lindsay Concrete Products, Inc.
P.O. Box 578
Canal Fulton, Ohio 44614
(330) 854-4511

Job:

SCR#1 (5'x5') & SCR#2 (L-shape) Lids – Massillon, OH

Project Engineer:

City of Massillon Engineering Department

Contractor:

Wenger Excavating, Inc.
(330) 837-4767

Components:

13'-2" x 12' x 8" L-shaped lid
Design Calcs
Hatch

SUBMITTAL SHOP DRAWING REVIEW

5' x 5' x 6" Lid

Hatch

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF THE GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NOTHING HEREIN AUTHORIZES THE CONTRACTOR TO CORRELATE ALL QUANTITIES AND DIMENSIONS: PERFORMANCE, SELECTING FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION, COORDINATING HIS OR HER WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER.

Office Point of Contact:

Tony Hamric

(330) 854-4511

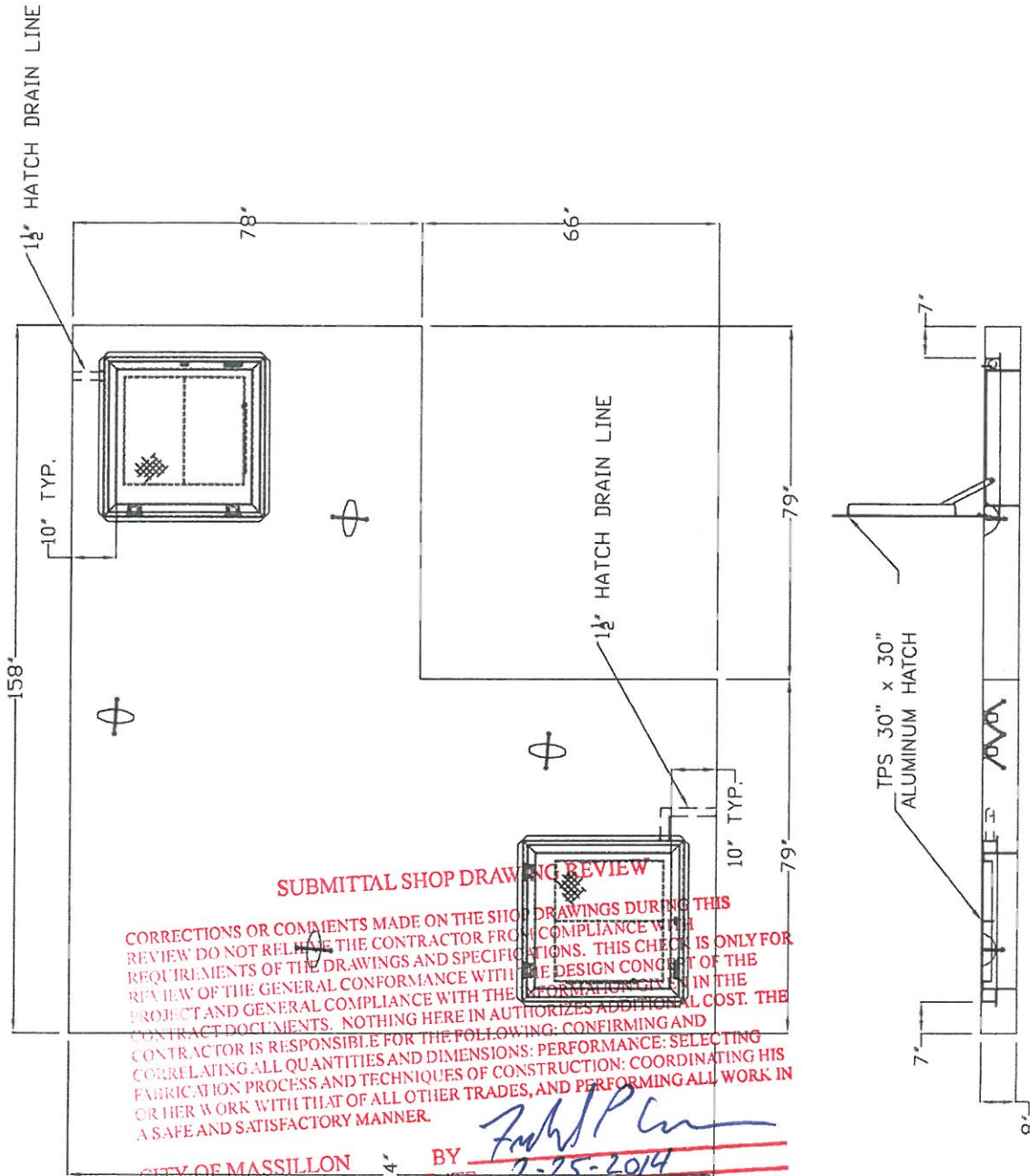
CITY OF MASSILLON
151 LINCOLN WAY EAST
MASSILLON, OHIO 44646

BY Tony Hamric DATE 2/25/2014 **Date of Submittal:**
02/18/14

() APPROVED
() APPROVED AS NOTED

() NOT APPROVED
() REVISE/RESUBMIT





SUBMITTAL SHOP DRAWING REVIEW

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF THE GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NOTHING HEREIN AUTHORIZES ADDITIONAL COST. THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; PERFORMANCE; SELECTING FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS OR HER WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER.

CITY OF MASSILLON
151 LINCOLN WAY EAST
MASSILLON, OHIO 44646

BY Frederick P. Lee
DATE 2-25-2014

(K)
()

APPROVED
APPROVED AS NOTED

()
()

NOT APPROVED
REVISE/RESUBMIT

NOTES:

- ALL CONCRETE 5,000 PSI @ 28 DAYS.
- (4) UTILITY LIFTS
- ESTIMATED WT: 12,300 LBS

NO.	DATE	BY
1		
2		
3		
4		
5		
6		
7		

UP **Lindsey**
P E C A S

THIS DRAWING IS THE PROPRIETARY PROPERTY OF LINDSEY PRECAST. REPRODUCTION, REUSE, OR ANY PART OF THIS DRAWING OR ANY INFORMATION THEREIN IS EXPRESSLY PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF LINDSEY PRECAST.

WENGER EXC. - MASSILLON LEVEE

12' x 13'-2" "L" SHAPED TOP SLAB

DRAWN BY: TJS CHECKED BY: NTS SCALE: DATE: 2/11/14 PLOT NO: 131495

Telephone 215-855-8713

FAX 215-855-8714

GARY K. MUNKELT & ASSOCIATESConsulting Engineers
Precast Concrete, Structural, Civil

1180 Welsh Rd. Suite 190 North Wales, PA 19454

PROJECT: DESIGN PRECAST CONCRETE LSHAPED TOP
SLAB 12'-0" x 13'-2" OD**CLIENT:** LINDSAY CONCRETE PRODUCTS CO., INC.
CANAL FULTON, OH**LOCATION:** MASSILLON LEVEE PROJECT SCR- #2**SUBMITTAL SHOP DRAWING REVIEW**

TABLE OF CONTENTS

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THE REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF THE GENERAL CONCEPT WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NO PART OF THIS CHECK IS TO BE CONSIDERED AS AN ADDITIONAL COST. THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; PERFORMANCE; SELECTING FABRICATION PROCESS AND MATERIALS; COORDINATING HIS OR HER WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER.

Title
Specifications
Description of Product
Calculations
Reinforcing Drawing

Sheet
2
3
4
5

CITY OF MASSILLON
151 LINCOLN WAY EAST
MASSILLON, OHIO 44646BY [Signature]
DATE 2-25-2014(X) APPROVED
() GKM Job #140169
() APPROVED AS NOTED() NOT APPROVED
() REVISE/RESUBMIT

Date: 02/06/14

GENERAL SPECIFICATIONS

1. Concrete shall be designed to obtain a strength of 5,000 psi in 28 days. Material shall meet requirements of ACI 318.
2. Reinforcing steel shall be Grade 60 (obtain yield strength of 60,000 psi) and meet requirements of ASTM A615.
3. Weight of Concrete – 150 lb/ft³
4. Weight of Soil – 120 lb/ft³
5. 300 psf live load at surface
6. Ground water table is at grade.
7. Top slab is at grade.
8. Soil is assumed to have properties such that $K_a = 0.33$

REFERENCES

1. ASTM C 857-01 titled "Standard Practice for Minimum Structural Design Loading for Underground Precast Concrete Utility Structures".
2. ACI 318-08 titled "Building Code Requirements for Reinforced Concrete".
3. AASHTO 17th Edition (2002) "Standard Specification for Highway Bridges".
4. McGregor "Reinforced Concrete Mechanics & Design" 2006 McGraw-Hill
5. ASTM C 858-04 titled "Standard Specification for Underground Precast Concrete Utility Structures"

SUBMITTAL SHOP DRAWING REVIEW

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF THE GENERAL CONFORMANCE WITH THE INFORMATION GIVEN IN THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NOTHING HEREIN AUTHORIZES ADDITIONAL COST. THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; PERFORMANCE; SELECTING FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS OR HER WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER.

CITY OF MASSILLON
151 LINCOLN WAY EAST
MASSILLON, OHIO 44646

BY [Signature]
DATE 2/25/2014

☒ APPROVED
☐ APPROVED AS NOTED
GARY K. MUNKELT & ASSOC. Structural Engineers

☐ NOT APPROVED
☐ REVISE/RESUBMIT

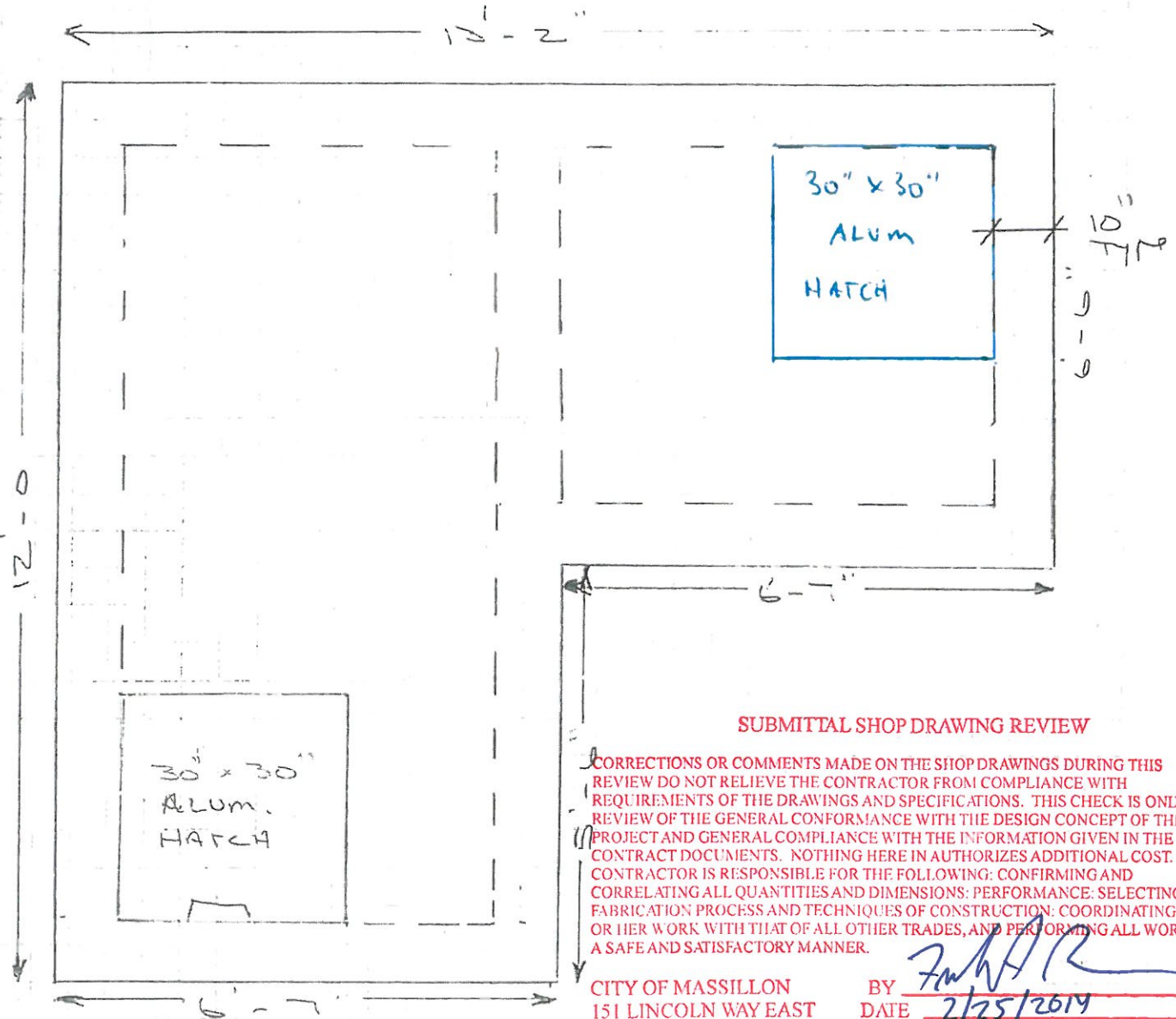


ej

ejco.com
800 626 4653

3 of 5

MASSILLON LEVEE PROJECT PROPOSED SLAB TOP FOR SCR - #2



SUBMITTAL SHOP DRAWING REVIEW

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF THE GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NOTHING HERE IN AUTHORIZES ADDITIONAL COST. THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; PERFORMANCE; SELECTING FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS OR HER WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER.

CITY OF MASSILLON
151 LINCOLN WAY EAST
MASSILLON, OHIO 44646

BY John H. R.
DATE 2/25/2019

(X) APPROVED
() APPROVED AS NOTED

() NOT APPROVED
() REVISE/RESUBMIT

PLAN VIEW

SUBMITTAL SHOP DRAWING REVIEW

CORRECTIONS OR COMMENTS MADE ON THE SHOPDRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF THE GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NOTHING HEREIN AUTHORIZES ADDITIONAL COST. THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING: CONFIRMING AND CORRECTING ALL LOCATIONS, TIES AND DIMENSIONS; PERFORMANCE, SELECTING FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS FABRICATION WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER.

#5 @ 6" O.C.E.W.
TOP & BOTTOM
OF SLAB
2" COVER

CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING:
CORRELATING ALL QUANTITIES AND DIMENSIONS
TO THE ESTIMATION PROCESS AND TECHNIQUES OF
THE SLAB WORK WITH THAT OF ALL OTHER TRADES
IN A SAFE AND SATISFACTORY MANNER.

8' 12"
CITY OF MASSILLON
151 LINCOLN HWY. EAST
MASSILLON, OHIO 44646
BY DATE

CITY OF MASSILLON
151 LINCOLN WAY EAST
MASSILLON, OHIO 44646

BY DATE

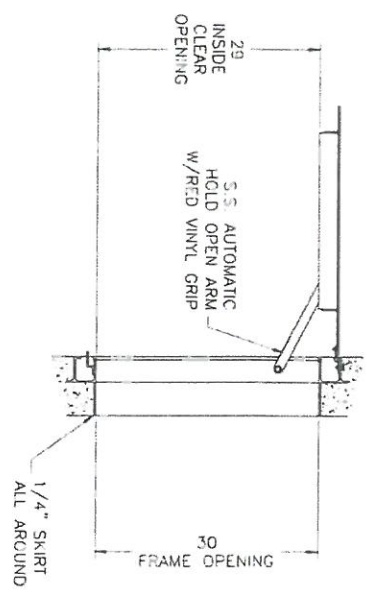
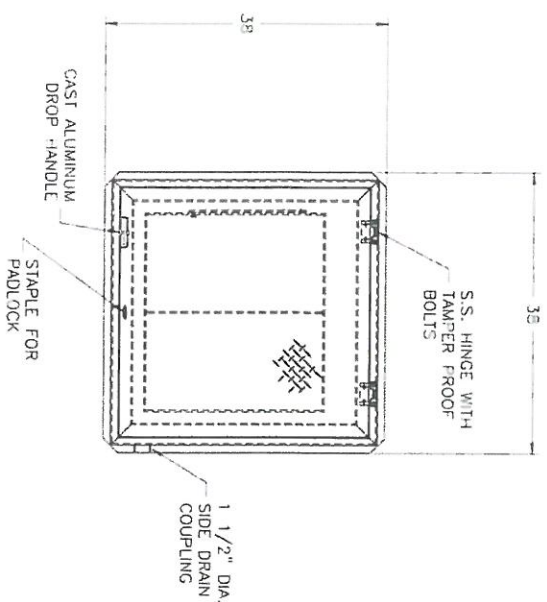
2-25-2014

(X) APPROVED
() APPROVED AS NOTED

() NOT APPROVED
() REVISE/RESUBMIT

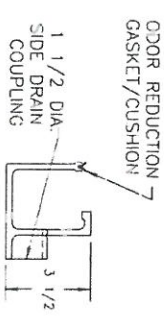
SECTION VIEW

MATERIALS:	REINFORCING STEEL DRAWING	DESIGNED FOR:
CONCRETE $f_c = 5,000$ PSI STEEL REBAR $f_y = 60,000$ PSI	L-SHAPED TOP SLAB 12'-0" x 13'-2"	300 PSF LIVE LOAD AT SURFACE TOP OF TOP SLAB IS AT GRADE



- SELECTED FEATURES**
1. SIDE DRAIN APPLICATION
 2. SKIRT FOR 8" DEEP SLAB
 3. BITUMINOUS COATING

- NOTES:**
1. MATERIAL: ALUMINUM
 2. FINISH: MILL
 3. LOADING: 300 LBS. PSF
 4. 316 SS NUTS & BOLTS
 5. AREA OF FRAME IN CONTACT WITH CONCRETE TO BE PAINTED WITH BITUMINOUS COATING
 6. APPROX. HATCH WT: 93.22 LBS.



1/4" EXTRUDED TROUGH SECTION W/ INTEGRAL CONT. ANCHOR FLANGE & GROOVE FOR GASKET/CUSHION
FRAME MAT'L. ALUMINUM 6063-T5

FRAME DETAIL

SEMI-FINAL SHEET DRAWING REVIEW

CORRECTIONS OR COMMENTS MADE ON THE SHEET DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF THE PROJECT AND GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE CONTRACT DOCUMENTS. NOTHING HEREIN IS TO BE TAKEN AS AN ADVICE OR CORRELATING ALL OF THE DETAILS AND DIMENSIONS PERFORMING AND FABRICATING PROCESS AND THE QUALITY OF CONSTRUCTION COORDINATING HIS OR HER WORK WITH THAT OF ALL OTHER TRADES AND PROFESSIONALS ALL WORK IN A SAFE AND SATISFACTORY MANNER.

CITY OF MASSILLON
151 LINCOLN WAY EAST
MASSILLON, OHIO 44646

DATE: 2-25-2014

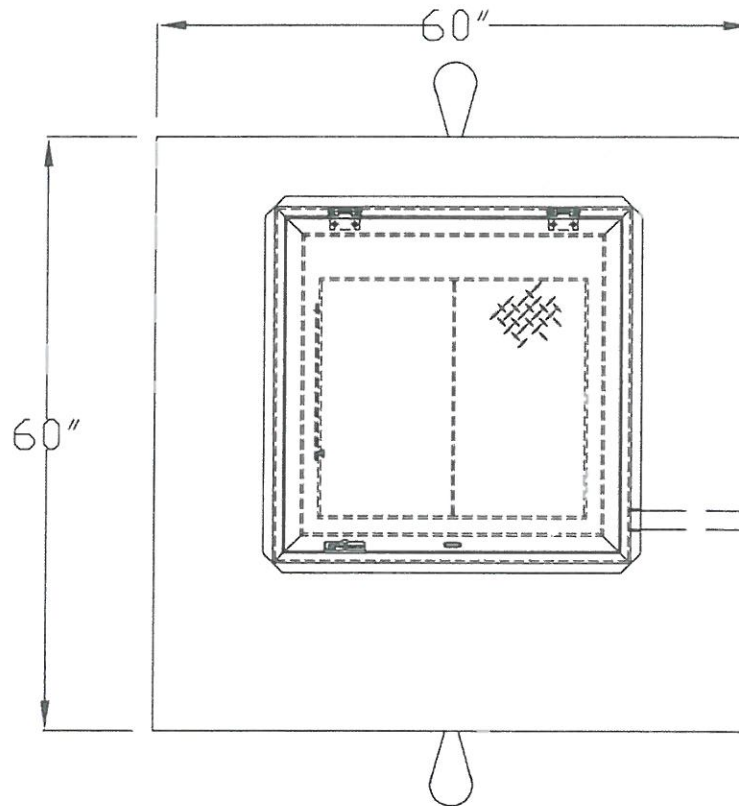
APPROVED
APPROVED AS NOTED

THIS DOCUMENT IS THE PROPERTY OF U.S.F. FABRICATION, INC. AND CONTAINS PROPRIETARY INFORMATION. IT SHALL NOT BE COPIED, REPRODUCED, OR DISTRIBUTED (IN WHOLE OR IN PART) WITHOUT PRIOR AUTHORIZATION OF U.S.F. FABRICATION, INC.

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M		COPYRIGHT © 2014 U.S.F. FABRICATION, INC. ALL RIGHTS RESERVED	
BREAK ALL SHARP CORNERS & EDGES TO 0.015" RADIUS		REVISIONS	
TOLERANCES UNLESS OTHERWISE SPECIFIED		HATCH TPS 30 X 30 ALUM	
1/16" = ± 1/32"		SCALE: 1:10	
1/32" = ± 1/64"		QUOTED	
DWN BY: WZD/02.0		SHEET: 1 OF 1	
CHK. BY: 37-1392224457		DATE: 02/12/14	

U.S.F. FABRICATION INC.
HALEAH, FLORIDA

LET	REVISIONS	DATE	BY



TPS 30" x 30"
ALUMINUM HATCH

1 1/2" HATCH
DRAIN LINE

SUBMITTAL SHOP DRAWING REVIEW

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF THE GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NOTHING HEREIN AUTHORIZES ADDITIONAL COST. THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS, PERFORMANCE, SELECTING FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION, COORDINATING HIS OR HER WORK WITH THAT OF ALL OTHER TRADES, AND PERFORMING ALL WORK IN A SAFE AND SATISFACTORY MANNER.

CITY OF MASSILLON
151 LINCOLN WAY EAST
MASSILLON, OHIO 44646

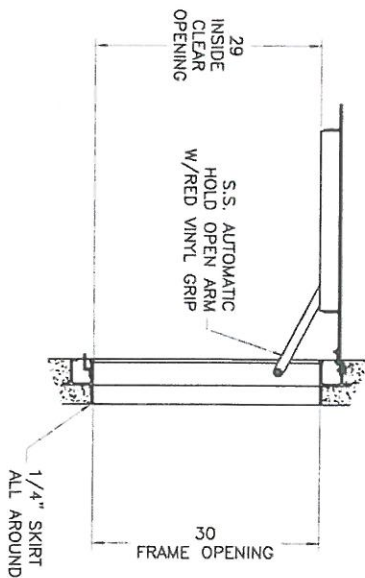
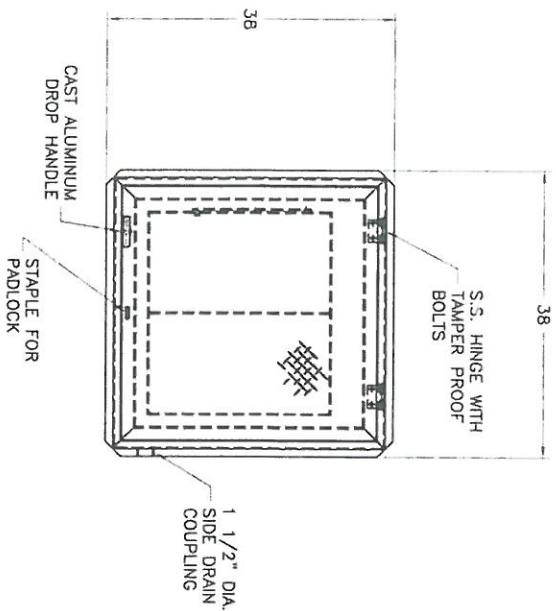
BY [Signature]
DATE 2-25-2014

NOTES:

- (1) CONCRETE 5000 PSI @ 28 DAYS.
- (2) SS CABLES

() NOT APPROVED
REVISE/RESUBMIT

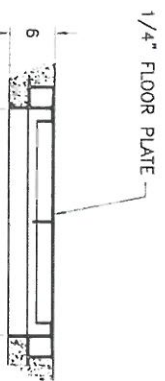
REVISIONS			Lindsay PRECAST	
NO.	DATE	BY		
1.			THIS DRAWING IS THE PROPRIETARY PROPERTY OF LINDSAY PRECAST. REPRODUCTION, DISCLOSURE OR USE OF ANY PART OF THIS DRAWING OR ANY INFORMATION THEREIN IS EXPRESSLY PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF LINDSAY PRECAST.	
2.				
3.				
4.				
5.			CUSTOMER: WENGER EXC.	
6.			JOB: MASSILLON LEVEE	
7.			DRAWN BY: TJS	CHECKED BY: TH
			DATE: 2/10/14	ENG. NO. 131495



- SELECTED FEATURES**
1. SIDE DRAIN APPLICATION
 2. SKIRT FOR 6" DEEP SLAB
 3. BITUMINOUS COATING

- NOTES:**
1. MATERIAL: ALUMINUM
 2. FINISH: MILL
 3. LOADING: 300 LBS PSF
 4. 316 SS NUTS & BOLTS
 5. AREA OF FRAME IN CONTACT WITH CONCRETE TO BE PAINTED WITH BITUMINOUS COATING
 6. APPROX HATCH WT: 87.01 LBS.

SELECTED FEATURES FOR REVIEW



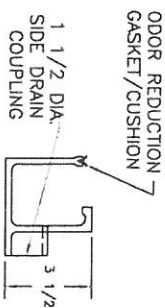
CORRECTIONS OR COMMENTS: ANY CORRECTIONS OR COMMENTS SHOULD BE MADE TO THE ORIGINAL DRAWING. THIS CHECK IS ONLY FOR REVIEW OF THE GENERAL CONCEPT OF THE PROJECT AND GENERAL COORDINATION. IT DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION OR THE COST OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.

CITY OF MASSILLON
151 LINCOLN WAY EAST
MASSILLON, OHIO 44646

APPROVED
APPROVED AS NOTED

NOT APPROVED
REVISE/RESUBMIT

Handwritten signature and date: 2-25-2014



1/4" EXTRUDED TROUGH SECTION
W/INTEGRAL CONT. ANCHOR FLANGE
& GROOVE FOR GASKET/CUSHION
FRAME MTL: ALUMINUM 6063-T5

FRAME DETAIL

U.S.F. FABRICATION INC.

HALEAH, FL

HATCH TPS 30 X 30 ALUM

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M			
BREAK ALL SHARP CORNERS & EDGES TO 0.01			
TOLERANCES UNLESS OTHERWISE SPECIFIED			
FRACTIONAL			
1/16 = ± 1/32			
1/32 = ± 1/64			
COPYRIGHT © 2014 ALL RIGHTS RESERVED			
DATE: 01/22/14	SCALE: 1:24	PROJECT: 37-139040319	REV: 0
DRAWN BY: Wjzord2.0	SCALE: 1:24	PROJECT: 37-139040319	REV: 0
CHECK BY:	SCALE: 1:24	PROJECT: 37-139040319	REV: 0

THIS DOCUMENT IS THE PROPERTY OF U.S.F. FABRICATION, INC. AND CONTAINS PROPRIETARY INFORMATION. IT SHALL NOT BE COPIED, FURNISHED NOR DISTRIBUTED (IN WHOLE OR IN PART) WITHOUT PROPER AUTHORIZATION OF U.S.F. FABRICATION, INC.