

CITY OF ANN ARBOR, MICHIGAN Public Services Area/Water Treatment 919 Sunset Road Ann Arbor, Michigan 48103

Web: www.a2gov.org

November 18, 2014

To: All Contract Document Holders

### RE: Addendum to the Contract Documents for the Geddes Dam - Tainter Gate #4 Replacement project. Bid No. ITB-4356

Attached is a copy of Addendum Number One for the Geddes Dam – Tainter Gate #4 Replacement project. This Addendum supersedes and updates the Contract Document information for Bid No. ITB-4356. All Bidders shall acknowledge receipt and acceptance of this Addendum Number One by so indicating on the Invitation to Bid Form located in the existing Contract Documents. Bids submitted without acknowledgment of receipt of this Addendum will be considered informal. If you have any questions regarding the Contract Documents or this Addendum, please contact Paul Malocha, PE, Stantec Consulting, Project Engineer by email at paul.malocha@stantec.com.

Sincerely,

Br.D Styf

Brian Steglitz. P.E. Sr. Utilities Engineer City of Ann Arbor Water Treatment Plant

enc.

# ADDENDUM NO. 1 TO BID DOCUMENTS FOR GEDDES DAM – TAINTER GATE #4 REPLACEMENT FOR THE CITY OF ANN ARBOR, MICHIGAN

The following changes, additions, and/or deletions shall be made to the Bid Documents for the Geddes Dam – Tainter Gate #4 Replacement Project for the City of Ann Arbor, Michigan, Bid No. ITB – 4356 on which bids are to be received, on or before, 2:30 P.M. Tuesday, November 25, 2014.

The information contained herein shall take precedence over the original documents and all previous addenda, and is appended thereto.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. <u>1</u>, including all attachments, by so indicating on page ITB-1 of the Invitation to Bid Form. Bids submitted without acknowledgement of receipt of this addendum will be considered informal.

Changes in the Bid Documents which are outlined below are referenced to a page or drawing in which they appear conspicuously. The Bidder is to take note in its review of the documents and include these changes as they affect work or details in other areas not specifically referenced here. Changes to the original text are bolded, underlined and italicized.

# **DETAILED SPECIFICATIONS**

# DRAWINGS

Revise Drawings S-100, S-302 and S-303 as per the attachments.

# **QUESTIONS AND ANSWERS**

- Q: Will the weld on detail 8/S302, attaching the SS leveling studs to existing weld plate, be subject to weld testing?
- A: No.
- Q: Will the weld on detail 8/S302, attaching the SS leveling plate to the side seals, be subject to weld testing?
- A: Yes.
- Q: Will the weld on detail 3/S303, connecting new pin to old, be subject to weld testing?
- A: Yes.

## AAD-1 Page 1 of 2

- Q: What length are the 5/8" pull chains?
- A: Approximately 35 feet each. However, the contractor shall be responsible for field measuring to match existing.
- Q: Is a building permit required for this project?
- A: No.
- Q: Can you provide reference drawings from the original gate construction?
- A: Reference drawings are attached.
- Q: Can you provide a list of attendees at the pre-bid meeting?
- A: List attached.

# **END OF ADDENDUM**

### 1 - GENERAL NOTES

- A. ALL STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH OTHER PROJECT DRAWINGS AND SPECIFICATIONS.
- B. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC., IN FIELD AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION OR SHOP DRAWINGS.
- THE DRAWINGS ARE INTENDED TO REQUIRE AND TO INCLUDE ALL LABOR, MATERIAL AND EQUIPMENT PROPER FOR THE WORK. C.
- D. ALL WORK SHALL COMPLY WITH ALL LOCAL, STATE AND NATIONAL CODES AND REQUIREMENTS.
- E. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND SAFETY PROCEDURES. THE ARCHITECT/ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR THEIR AGENTS OR EMPLOYEES OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK.
- OBSERVE ALL OSHA AND OTHER APPLICABLE SAFETY REQUIREMENTS INCLUDING THE USE OF SAFETY GLASSES, HARD HATS, AND PROTECTION OF AREA WHEN WORKING OVERHEAD. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR CONSTRUCTION SAFETY AT ALL TIMES.
- G. COORDINATE WORK OF ALL DISCIPLINES (ARCH., STRUCT., ELECT., ETC.) WITH EXISTING CONDITIONS, SPECIAL REQUIREMENTS, CONSTRUCTION SCHEDULE AND OTHER CONTRACTORS PERFORMING WORK AT THE SITE.
- THE CONTRACTOR SHALL DESIGN AND PROVIDE ANY TEMPORARY SHORING, BRACING, ETC., AS NEEDED FOR THE WORK SO AS NOT TO ENDANGER THE STRUCTURAL INTEGRITY OF ANY EXISTING FEATURE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY DAMAGE DONE TO EXISTING FEATURES AS A RESULT OF THIS WORK, DAMAGED ITEMS SHALL BE REPLACED IN KIND AND AT NO ADDITIONAL COST TO THE OWNER.

M. TEMPORARY CLOSURES OF OLD GEDDES ROAD SHALL NOT BE PERMITTED.

- K. SHOP DRAWINGS: REPRODUCTION OF DESIGN DRAWINGS SHALL NOT BE PERMITTED FOR SHOP DRAWING SUBMISSIONS. THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL REVIEW AND PROVIDE REVIEW STAMP ON SHOP DRAWING SUBMISSIONS PRIOR TO SUBMITTAL TO ARCHITECT/ENGINEER INDICATING UNDERSTANDING AND ACCEPTANCE OF SUBMITTAL AND CONFIRMING CONFORMANCE TO PROJECT PLANS/SPECIFICATIONS.

L. NO DEBRIS, DEMOLISHED ITEMS, CONSTRUCTION MATERIALS, ETC. SHALL BE PERMITTED TO ENTER THE RIVER. ANY ITEMS FALLING IN THE RIVER SHALL BE RETRIEVED IMMEDIATELY AND REMOVED THE SITE.

- J. SEE SPECIFICATIONS FOR FULL SCOPE OF REQUIREMENTS APPLICABLE TO THIS PROJECT.

E. ALL BOLTS SHALL BE TIGHTENED TO THE SNUG TIGHT CONDITION UNLESS NO SHALL BE USED AT ALL MOMENT CONNECTIONS. F. PROVIDE S.S. ANCHORS AND OTHER DEVICES TO BE BUILT INTO CONCRETE G. STEEL SHALL RECEIVE PAINT SYSTEM AS PER PAINT SPECIFICATIONS (SECTIO PAINTING EXCEPT FOR TOUCH UP SHALL BE SHOP PERFORMED. ANY FIELD H. SHOP DRAWINGS: SUBMIT SHOP DRAWINGS INCLUDING COMPLETE DETAILS AND ASSEMBLY OF STRUCTURAL STEEL MEMBERS, PROCEDURES AND DIAGRAMS. I. PIPE SCHEDULE DIMENSIONS AS FOLLOWS: SCH NOM. SIZE

2 - DESIGN CRITERIA

A. HORIZONTAL ICE LOAD = 2,000 #/FT.

В.

C.

NORMAL LIFTING PULL = 16,000 # TOTAL.

MAXIMUM OVERLOAD PULL ON SINGLE STOP = 36,400#.

- B. ALL WELDS TO BE CONTINUOUS FILLET. RIB TO SKIN PLATE WELDS TO BE 3
- C. ALL CORNERS AND EDGES IN CONTRACT WITH RUBBER SEALS TO BE ROUND
- D. ENDS OF ALL PIPE MEMBERS TO BE CLOSED AND WELDED WATERTIGHT.
- E. FOR TOLERANCES SEE SPECIFICATIONS.
- F. SEALS SHALL BE CONTINUOUS, WATERTIGHT AND SPLICES IF REQUIRED SHALL G. SKIN PL JOINTS TO BE WATERTIGHT, FULL PENETRATION BEVEL BUTT WELDS BE GROUND FLUSH WHERE IN CONTACT WITH SEALS.

	3 - STRUCTURAL STEEL	
A.	STRUCTURAL STEEL WORK INCLUDES ALL STRUCTURAL STEEL TO BE FURNISHED AND ERECTED, BEAMS, COLUMNS, CHANNELS, ANGLES, JOISTS, LINTELS, BEARING PLATES, ETC., AS INDICATED ON THE DRAWINGS. COMPLY WITH THE FOLLOWING CODES AND STANDARDS:	3 A
в.	A MECI WITH THE FOLLOWING CODES AND STANDARDS. ALSC STEEL CONSTRUCTION MANUAL, ASD, 9TH EDITION ALMERICAN WELDING SOCIETY (AWS) DI.1 "STRUCTURAL WELDING CODE STEEL", 2000. CURRENT OSHA ERECTION AND FABRICATION REQUIREMENTS.	
Ci Ci	MATERIALS: 1. BEAMS, GIRDERS, SKIN PLATE AND COLUMNS: ASTM A992 2. ANGLESS FAMS AND PLATES: ASTM AS72 -GSGC 3. TUBE STEEL: ASTM AS00, GRADE B Fy=42 KSI 4. PIPE: SCHEDULE 40 CONFORMING TO ASTM A53, GRADE B. U.N.O. 5. HIGH STRENGTH BOLTS: ASTM A 325. 6. WELDS: ETOXX ELECTRODES.	
D.	ALL STREUGURAL STEEL SHOP CONNECTIONS SHALL BE WELDED AND ALL FIELD CONNECTIONS SHALL BE HIGH-STRENGTH BOLTED UNLESS SHOWN OTHERWISE.	
E. F.	ALL BOLTS SHALL BE TIGHTENED TO THE SNUG TIGHT CONDITION UNLESS NOTED OTHERWISE. SLIP CRITICAL BOLTS SHALL BE USED AT ALL MOMENT CONNECTIONS. PROVIDE S.S. ANCHORS AND OTHER DEVICES TO BE BUILT INTO CONCRETE WORK.	
G. Н.	STEEL SHALL RECEIVE PAINT SYSTEM AS PER PAINT SPECIFICATIONS (SECTION 09900).IT IS ANTICIPATED THAT ALL PAINTING EXCEPT FOR TOUCH UP SHALL BE SHOP PERFORMED. ANY FIELD PAINTING SHALL BE FULLY CONTAINED. SHOP DRAWINGS: SUBMIT SHOP DRAWINGS INCLUDING COMPLETE DETAILS AND SCHEDULES FOR FABRICATION AND ASSEMBLY OF STRUCTURAL STEEL MEMBERS, PROCEDURES AND DIAGRAMS. PIPE SCHEDULE DIMENSIONS AS FOLLOWS:	
۱. ا	Sch     NOM.     Size     O.D.     WALL       80     24     2.875     0.276       80     5     5.563     0.375       160     8.8625     0.996     1       %6" CAP PLATE REQUIRED ON ALL TUBES AND PIPES. WELD WATER TIGHT.     100     100	
<u> </u>		
	4 - FABRICATION	
А. В.	GATE TO BE SHOP WELDED AND FIELD BOLTED. ALL WELDS TO BE CONTINUOUS FILLET. RIB TO SKIN PLATE WELDS TO BE 3/16", OTHER WELDS TO BE 1/4"	
с.	UNLESS NOTED.	
D. E.	ENDS OF ALL PIPE MEMBERS TO BE CLOSED AND WELDED WATERTIGHT. FOR TOLERANCES SEE SPECIFICATIONS.	
F. G.	SEALS SHALL BE CONTINUOUS, WATERTIGHT AND SPLICES IF REQUIRED SHALL BE VULCANIZED. SKIN PL JOINTS TO BE WATERTIGHT, FULL PENETRATION BEVEL BUTT WELDS WELDED FROM BOTH SIDES. WELDS TO	
в.	Skin PL JOINS TO BE WATERTIONT, FOLL PERETRATION BEVEL BOTT WELDS WELDED FROM BOTH SIDES. WELDS TO BE GROUND FULSH WHERE IN CONTACT WITH SEALS.	
١.	SURFACE FINISH ON BEARING PINS FOR RUNNING FIT SUBJECT TO RECOMMENDATIONS OF BEARING MANUFACTURER. GATE FABRICATOR SHALL COORDINATE WITH BEARING MANUFACTURER.	
J.	UNLESS NOTED OTHERWISE, FAYING SURFACES SHALL BE FINISHED TO 125µ-INCHES.	
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1	ADDENDUM #1		TRR	PJM	14.11.18
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В	95% PLANS		BWA	PJM	14.10.02
Α	60% PLANS		BWA	PJM	14.06.05
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GEDDES DAM - TAINTER GATE #4 REPLACEMENT Ann Arbor, Michigan

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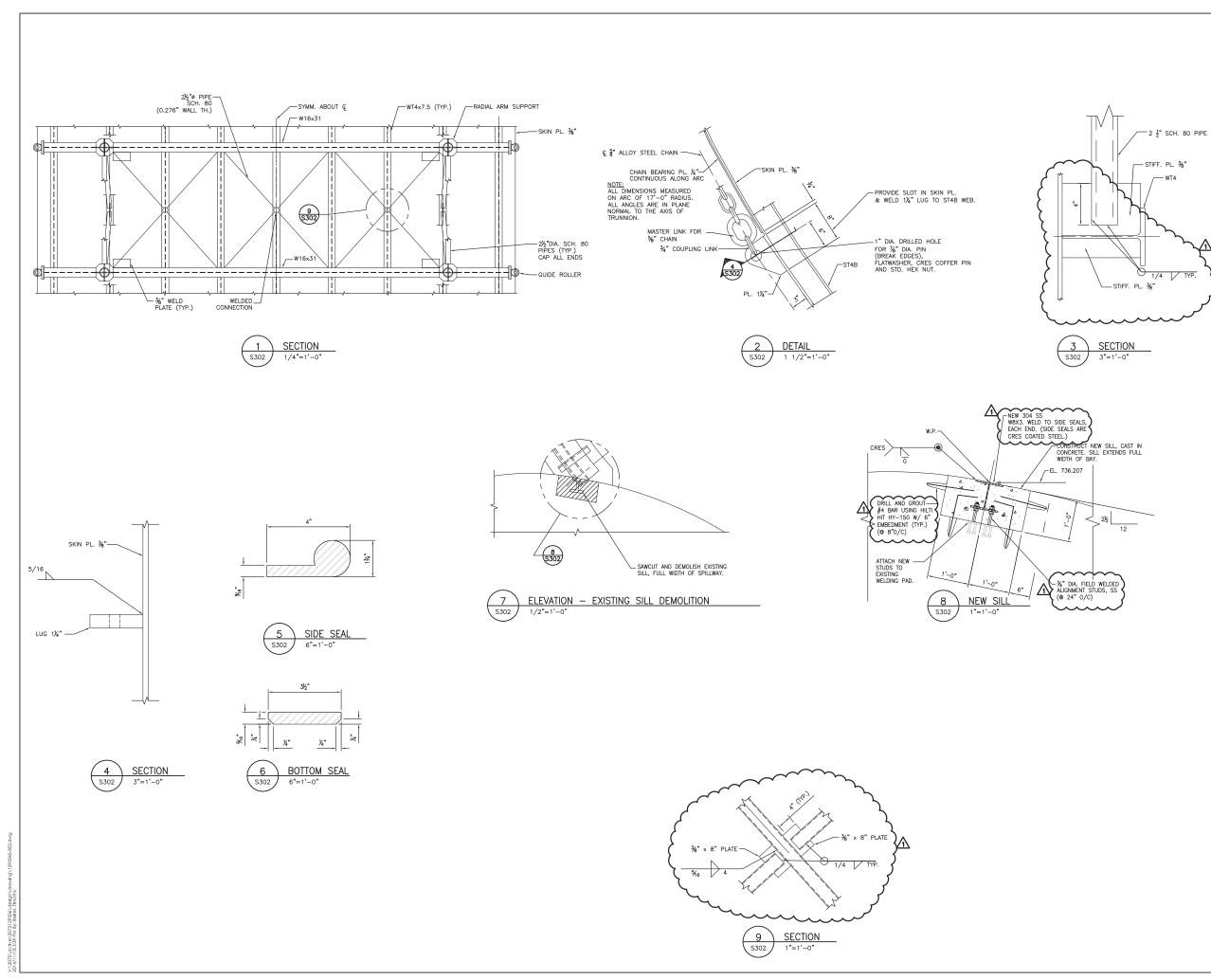
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> GEDDES DAM - TAINTER GATE #4 REPLACEMENT Ann Arbor, Michigan

Title

SECTIONS & DETAILS II

Scale

Sheet

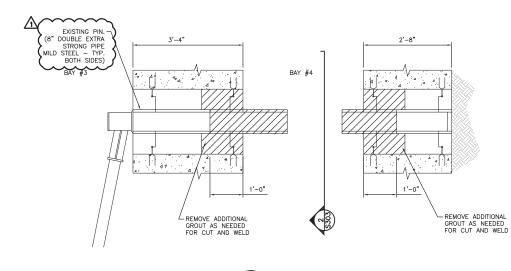
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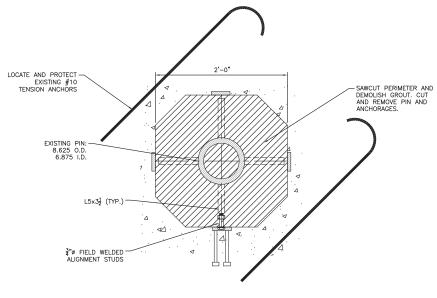
S-302

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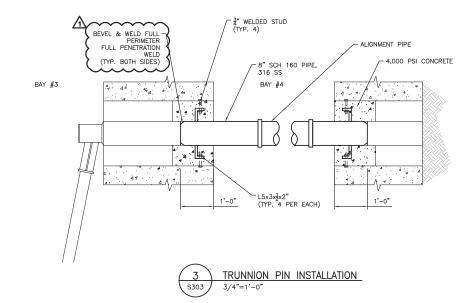
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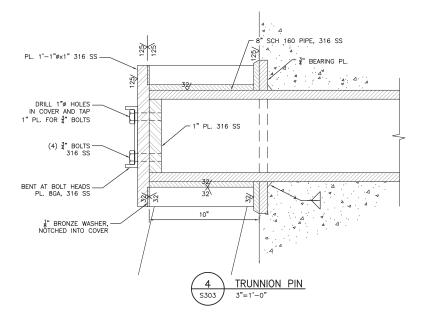


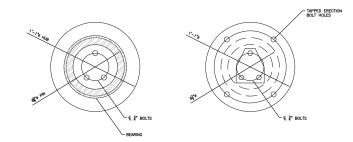
















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Client/Project CITY OF ANN ARBOR

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GEDDES DAM - TAINTER GATE #4 REPLACEMENT Ann Arbor, Michigan

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SECTIONS & DETAILS III

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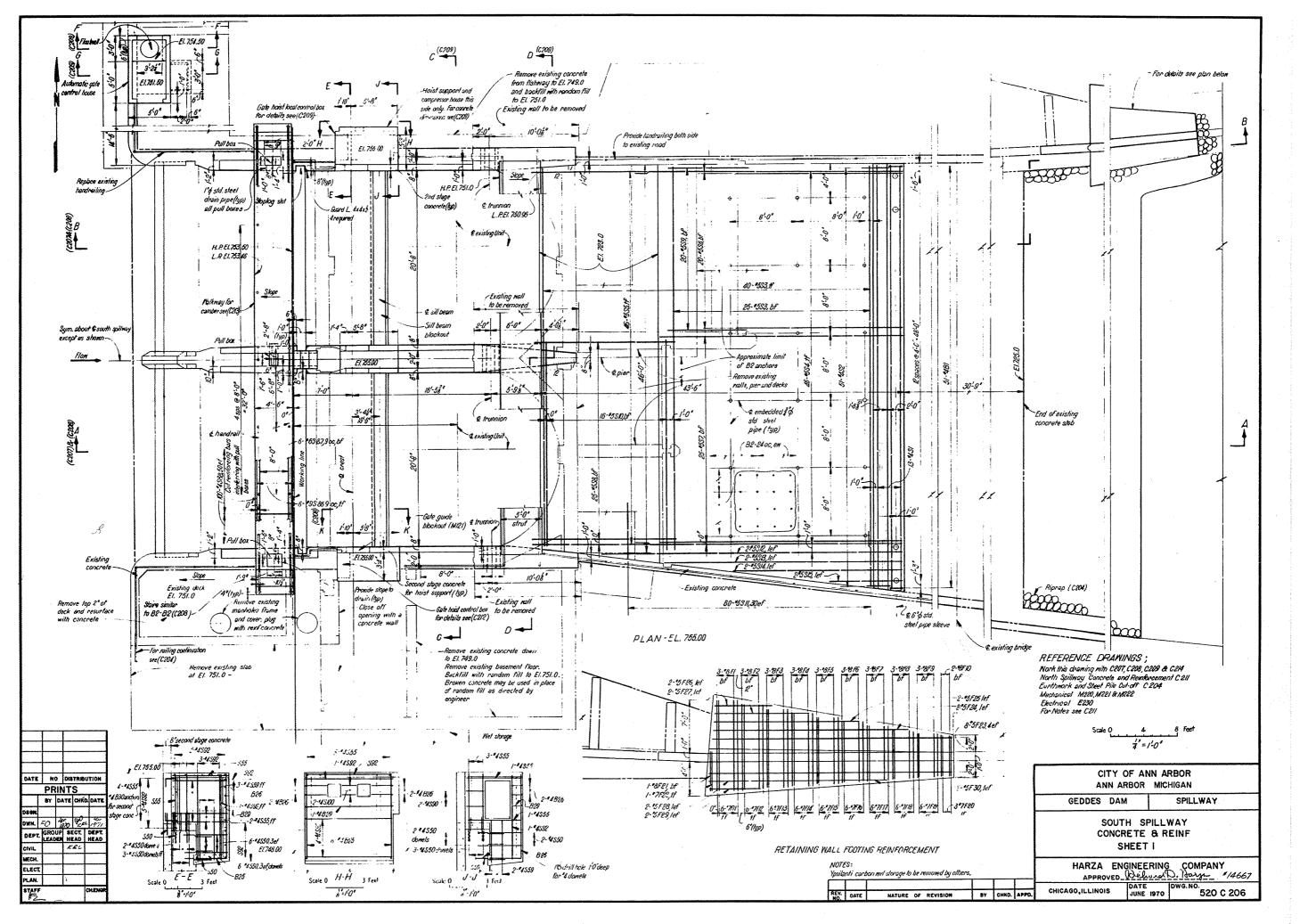
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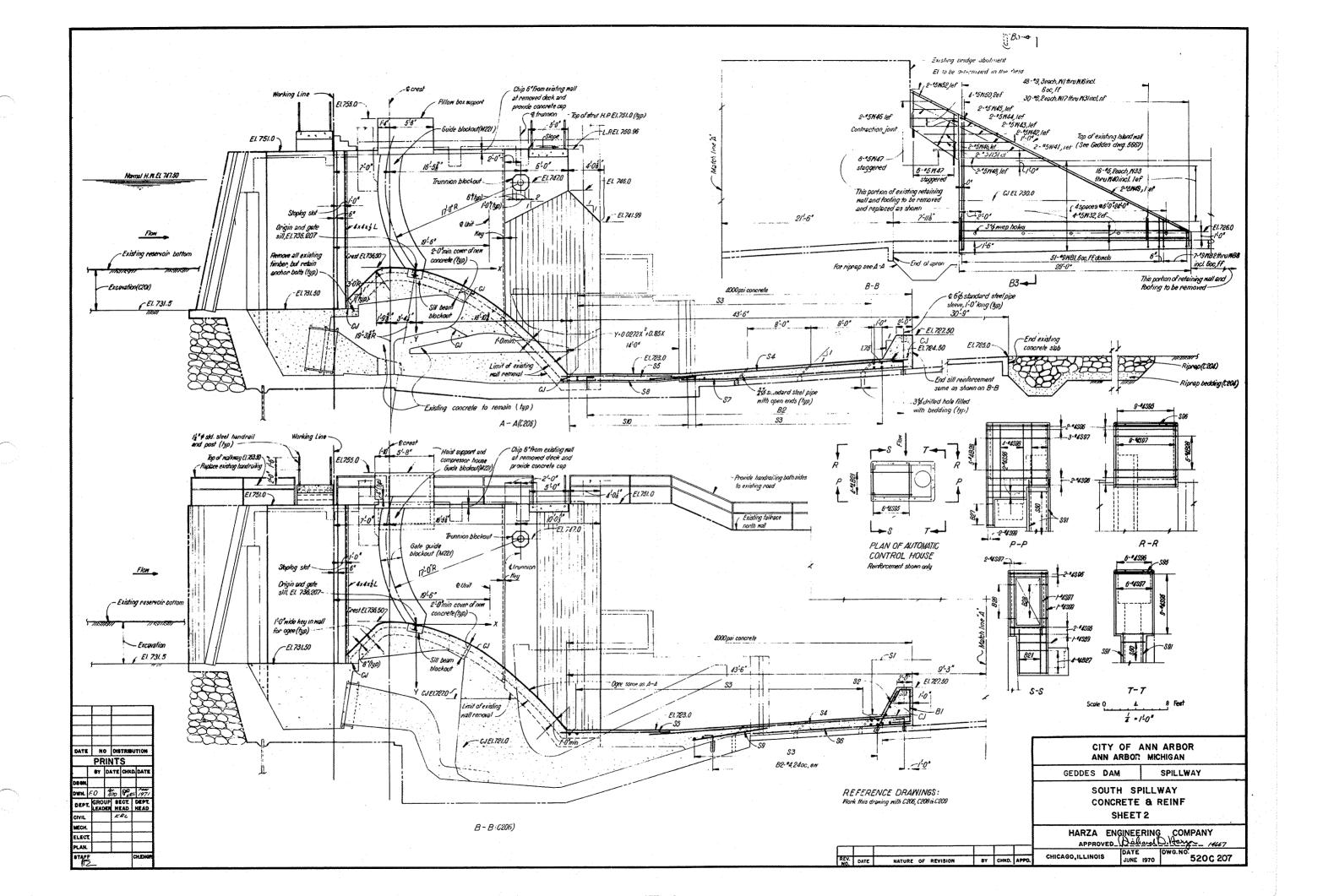
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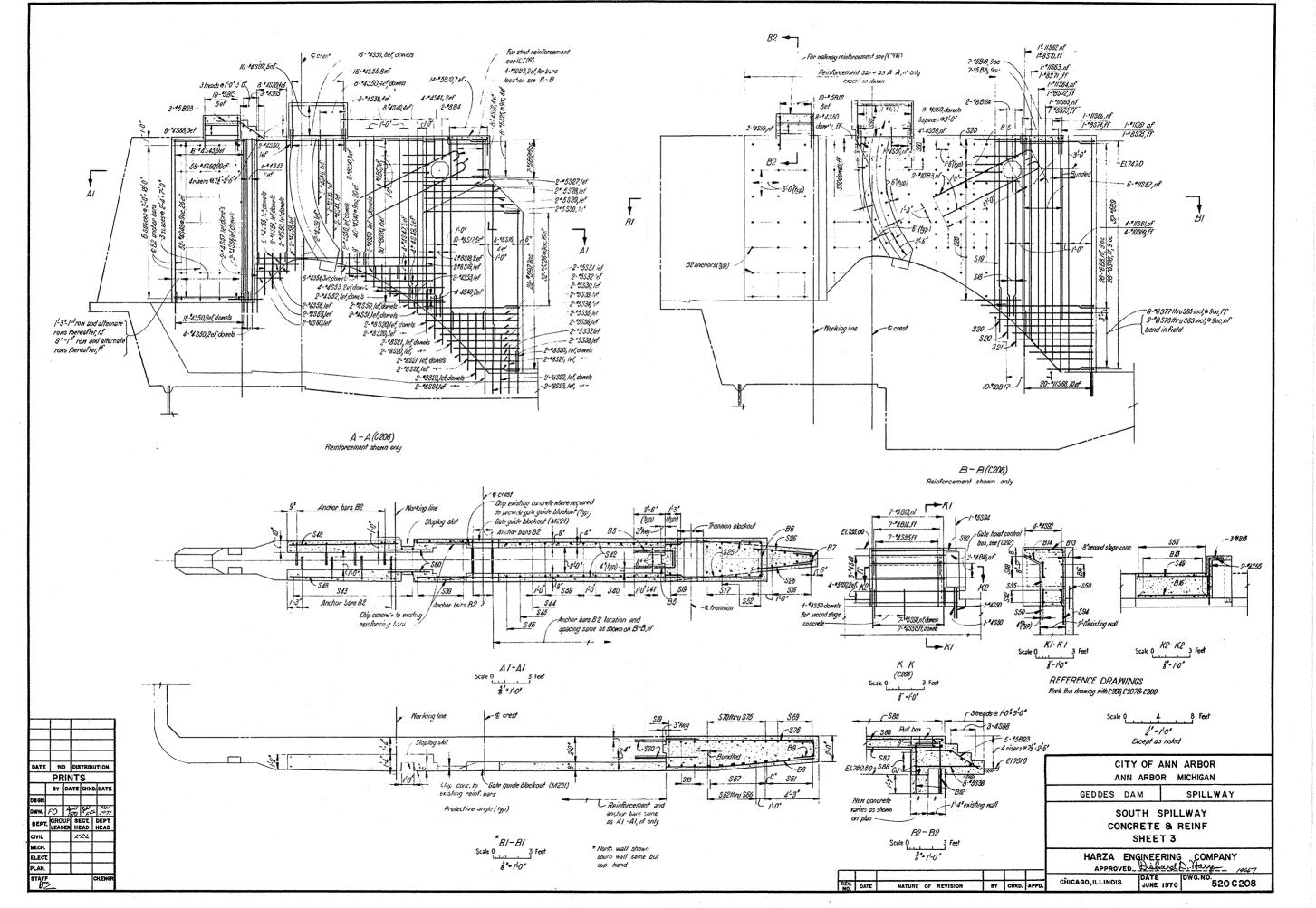
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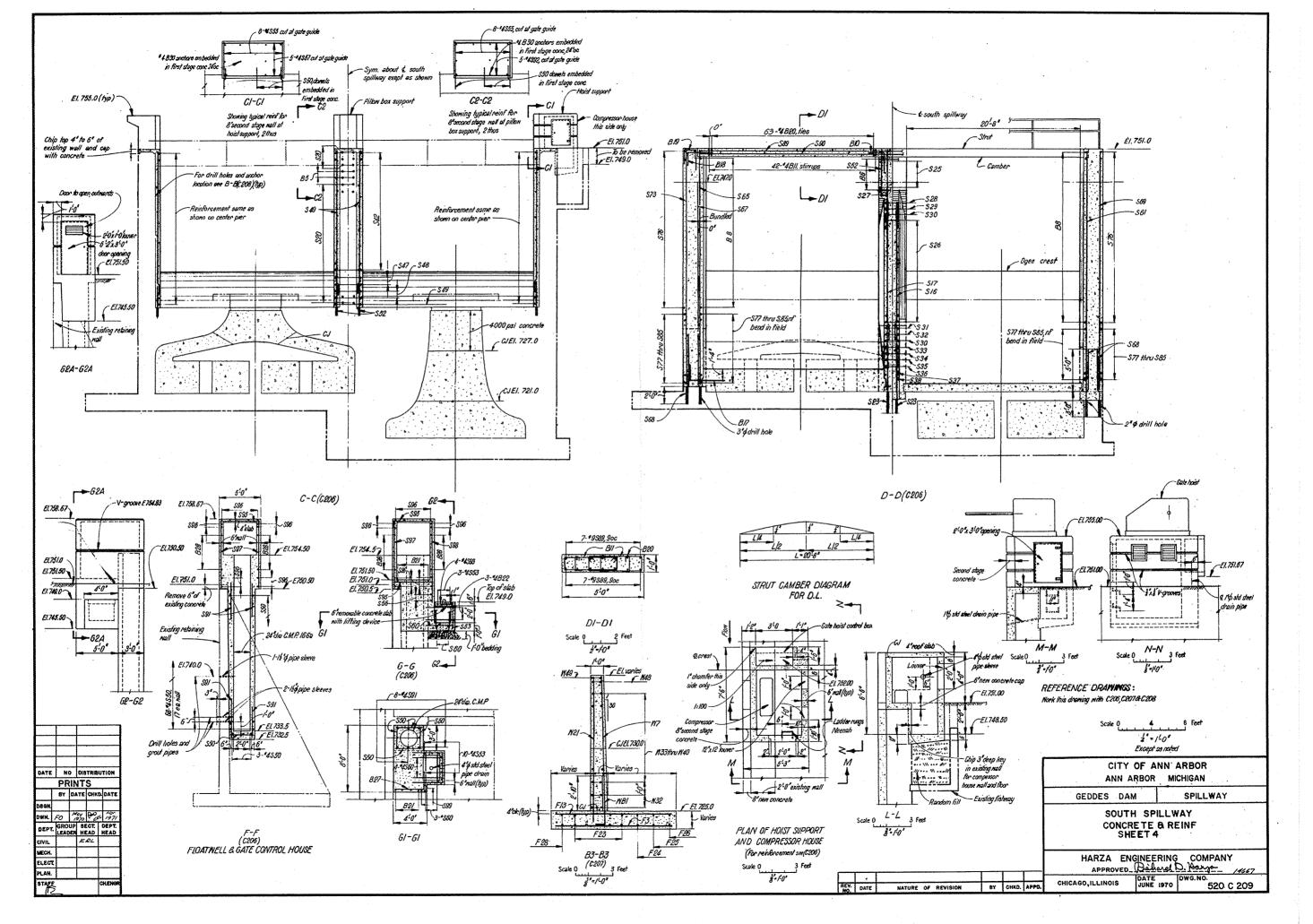
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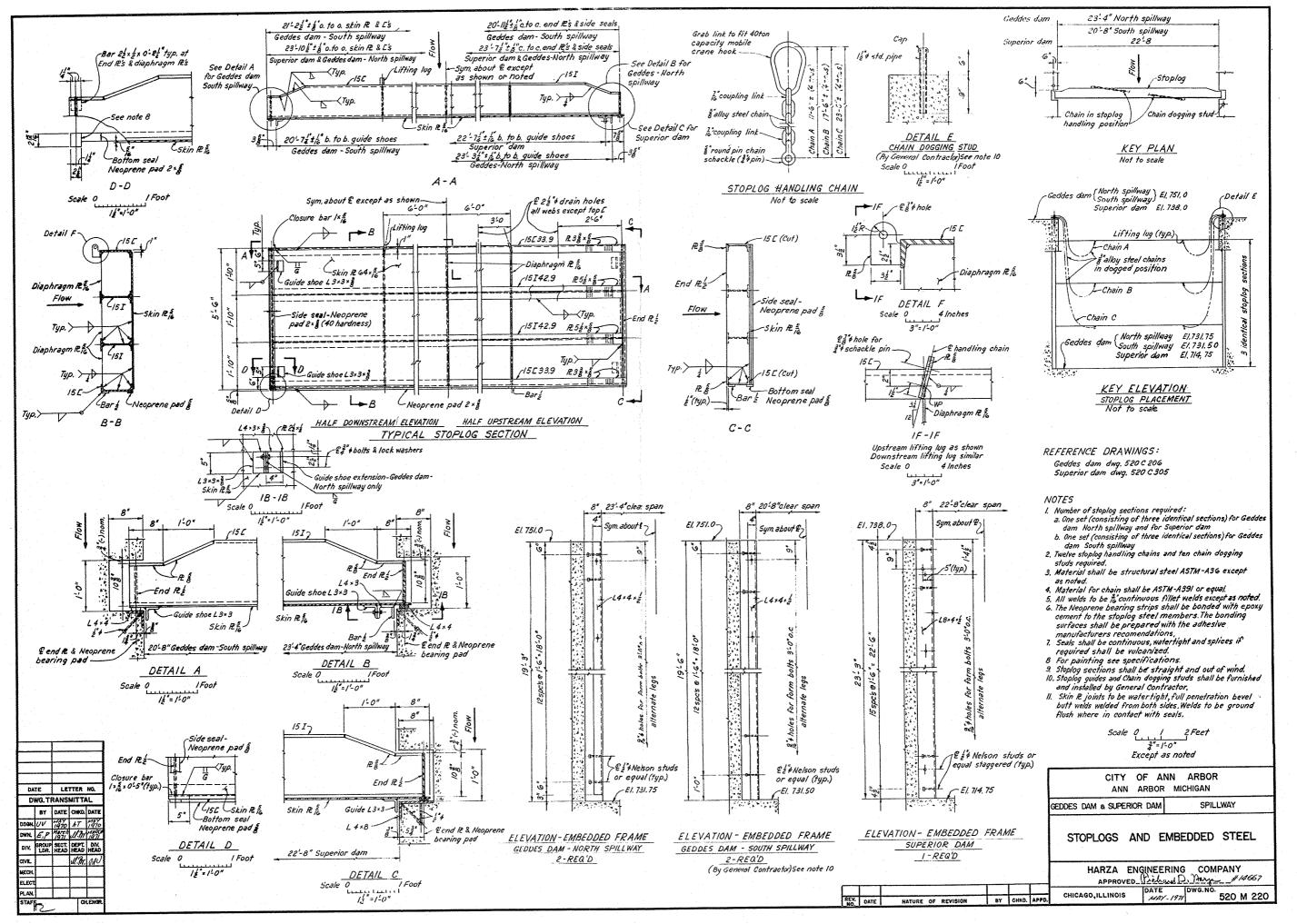
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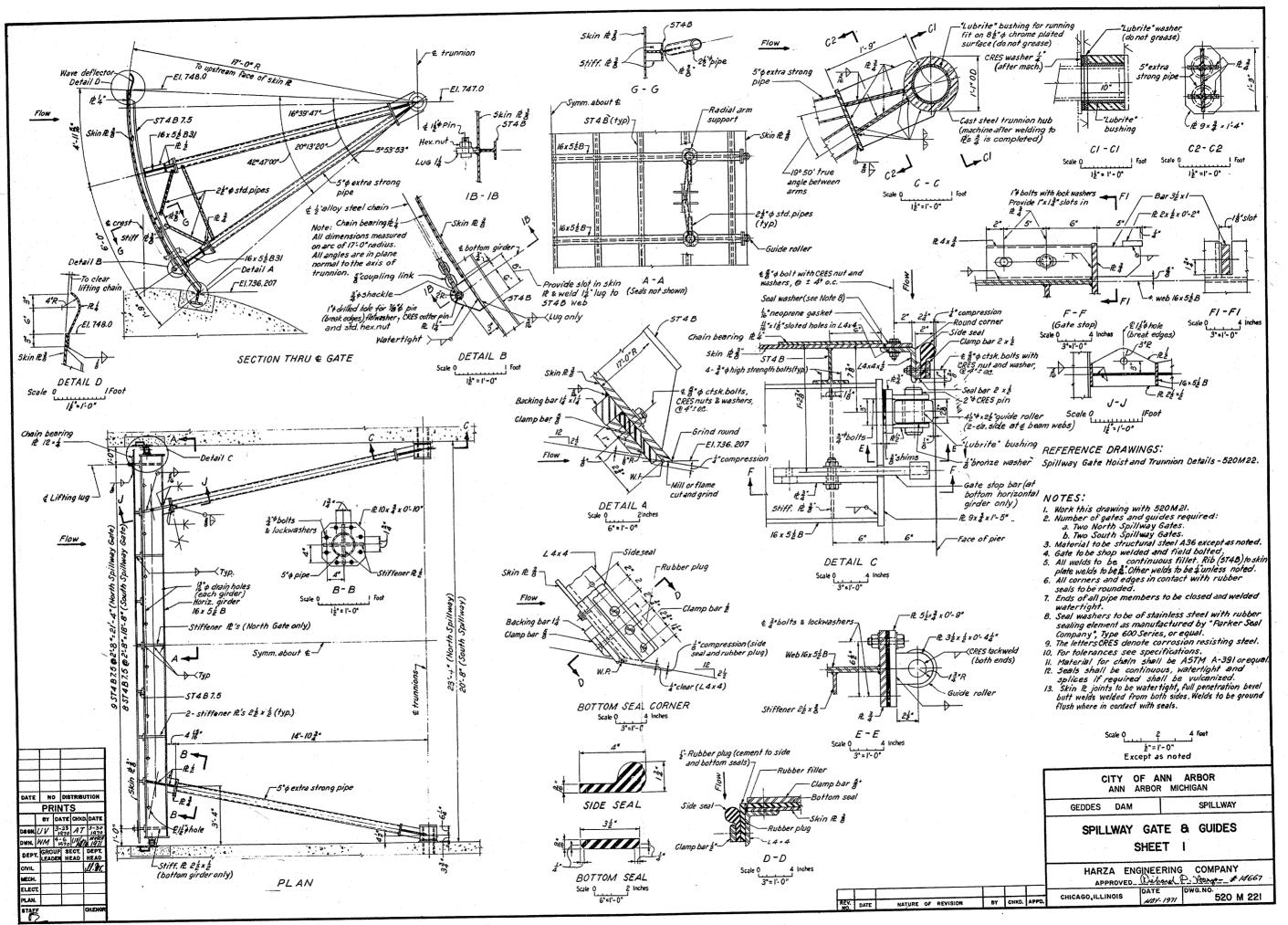
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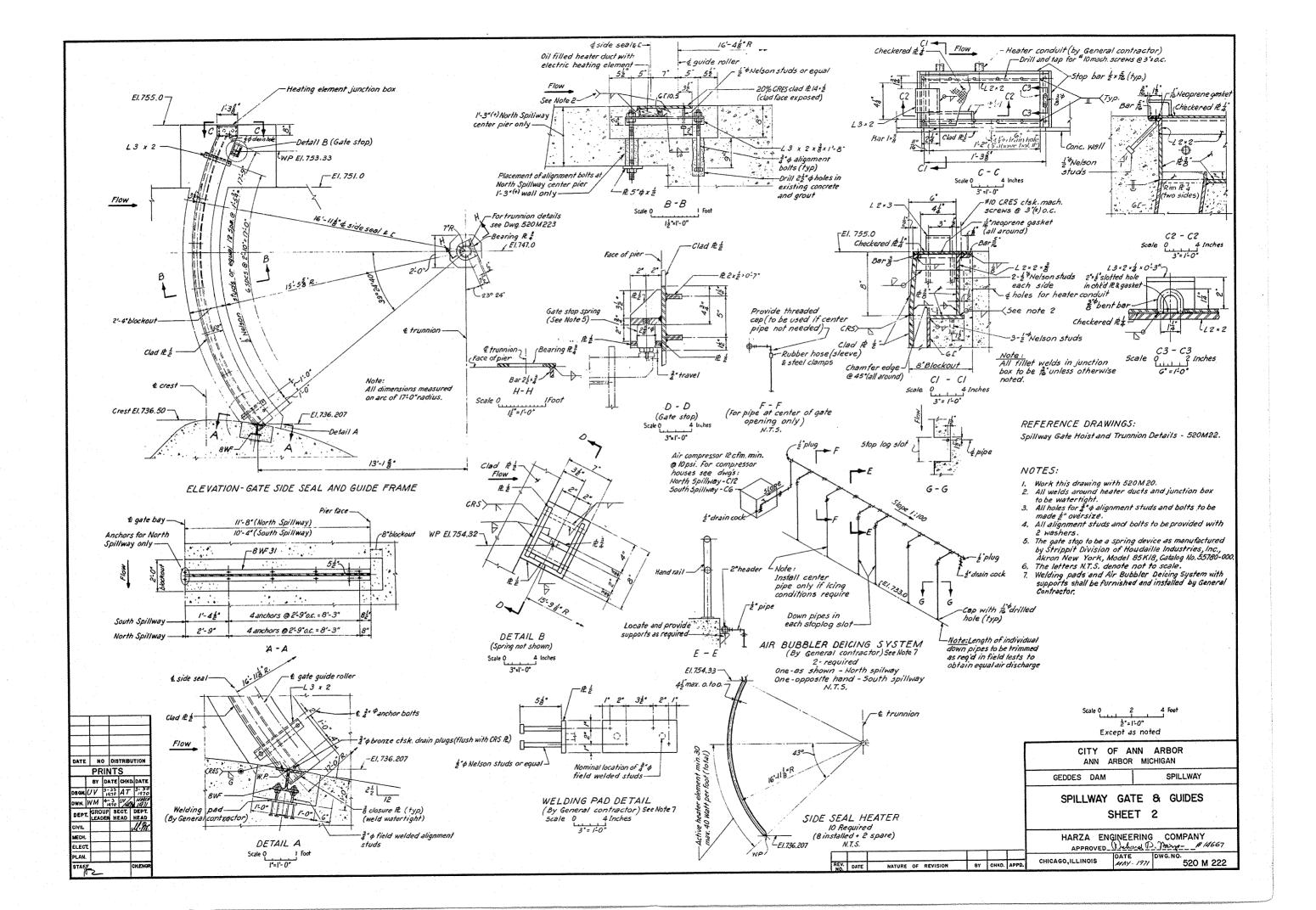
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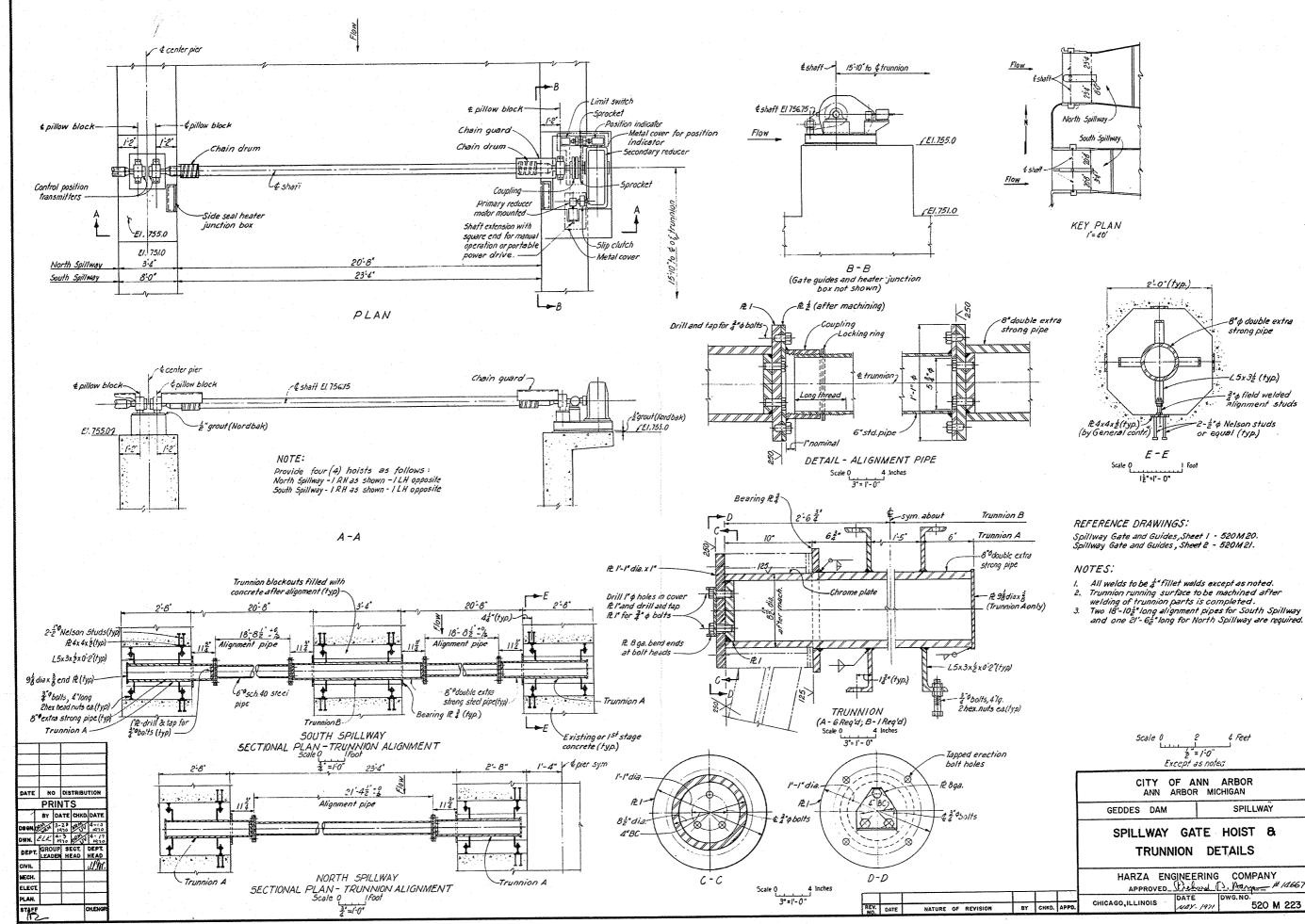


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Geddes Dam - Tainter Gate #4 Replacement (ITB - 4356)

Pre-Bid Meeting Attendance Wednesday, November 12, 2014. 9:00 AM

Name/Representing	Address	e-mail address		Phone/Cell
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Doug West	SWAULTCRREKMI	Cyshoo.con	с	8106442282
ALAN SIMANSKEY	4055 5. SAGINAW R.D.	ALANE		989 - 496-2440 ext 123
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G2 Cover HG Group	A2, MI 48108	g. Bup. con		(313) 304 - 9105
Nick Baker	PO Box 333	nick & anlean. com	р	616 - 846 - 844 2
Anlaan Corp	Frenzishing MI 49409			611-638-4018
MARK HRANCHOOK	30038-ADAMS	MARKSTANLEYIND GXAHOO. (OM	р	734-675-0713
	GIBRACTAR MI 48173	GXAHOO . (OM		734-775-9143
Greg Schofer	52,900 GRAND RIVE	Gochofer @ KenneduInd , com	р	(248)684-1200
John Hunter Konnedy Ind	New Hudson Mi 48165		с	(734) 719-8392
Glen Wiczorek	3754 Ranchero Dr. AA 48108	Glan Wiczorek@ Stantec.com	1	734 576-5463
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