



# PETITION FOR A SPECIAL PRIVILEGE ccl-246 (7/15)

SP \_\_\_\_\_  
CCF \_\_\_\_\_

- New application \$250.00 Fee**
- Amendment to add items to Special Privilege # \_\_\_\_\_ (\$125.00 Fee)**
- Amendment to remove items from Special Privilege # \_\_\_\_\_ (No fee)**
- Amendment for change of ownership for Special Privilege # \_\_\_\_\_ (No fee)**

- File petition with the Department of Public Works, Attention: Special Privileges, 841 North Broadway, Room 919, Milwaukee, WI 53202.
- Fee must be submitted with petition. Checks should be made payable to the City of Milwaukee.
- Questions? Call 414-286-2454

To the Honorable, The Common Council of the City of Milwaukee:

The Licensee US Venture, Inc.  
(Name of Individual, Partners, Corporation or LLC)

being the owners of the following property known by street address as 1626 S. Harbor Dr. Milwaukee, WI 53207  
(Street Address and Zip Code)

in the 14<sup>th</sup> Aldermanic District respectfully petition the Common Council of the City of Milwaukee according to the provisions of Section 66.0425 of the Wisconsin Statutes, that the following privilege be granted:

Description of Special Privilege: All right needed to allow (3) 10" pipes (inside 14" casings) & (2) 2" Rigid Electrical conduits to cross under S. Lincoln Memorial Dr. as part of a project to connect the refined products storage terminal to the Liquid Cargo Pier.

Of which a plan or sketch is herewith submitted. Petitioner agrees to comply with all laws and all ordinances of the City of Milwaukee, to abide by any order or resolution of the Common Council affecting this privilege, to be primarily liable for damages to person or property by reason of the granting of such privilege, pay annual compensation as provided by law in the sum to be fixed by the proper city officers, and to file and keep current throughout the existence of the privilege, a certificate of insurance indicating applicant holds a public liability policy in at least the sums of \$25,000.00/\$50,000.00 bodily injury, and \$10,000.00 property damage, insuring the city against any liability that might arise by reason of the privilege.

Petitioner further agrees to remove said privilege whenever public necessity so requires when so ordered upon resolution adopted by the Common Council or other legislative body.

Should this special privilege be discontinued for any reason whatsoever, petitioner agrees to remove all construction work executed pursuant to this special privilege, to restore to its former condition and to the approval of the Commissioner of Public Works, any curb, pavement, or other public improvement which was removed, changed or disturbed by reason of the granting of this special privilege. Petitioner further agrees not to contest the validity of Section 66.0425 of the Wisconsin Statutes, or the legality of this special privilege in any way.

Name (Please Print): Kris Kech P.E.  
(Individual, Partner, or Agent if corporation or LLC as shown above)

Signature: [Signature] Date: 1/11/16  
(Individual, Partner, or Agent if corporation or LLC)

Corporation or LLC Name: US Venture, Inc.  
(If applicable, as shown above)

Mailing Address (If different than property address above): W7158 Johns rd

(OVER)

City: Niagara State: WI Zip: 54151

Telephone: 906-280-0970 E-Mail: KKreh@usoil.com

Architect/Engineer/Contractor (If Applicable)

Name: Kris Kreh P.E.

Address: W7158 Johns rd

City: Niagara State: WI Zip: 54151

Telephone: 906-280-0970 E-Mail: KKreh@usoil.com

**IMPORTANT NOTICE FOR CUSTOMERS PAYING BY CHECK**

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction.



## US Oil – Milwaukee Jones Island Terminal Dock Line Project Milwaukee, WI

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January 06, 2016

### MEMORANDUM

To: City of Milwaukee, Department of Public Works/Common Council  
From: Kristopher A. Kreh, P.E., US Oil  
Date: January 6, 2016  
Subject: **Supplemental Information for Special Privilege Application for Dock Line System  
Installation at the US Venture property at 1626 South Harbor Drive**

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U.S. Venture, Inc. (U.S. Venture) wishes to install three (3) new pipelines as well as a ship loading/unloading station and two truck offloading stations at the central, eastern and south-eastern portions of their Milwaukee Jones Island Terminal (the "Site"), located at 1626 South Harbor Drive in Milwaukee, Wisconsin. The Site is a petroleum bulk terminal facility and is currently zoned Heavy Industrial (HI). U.S. Venture leases the Site from the Port of Milwaukee but owns all of the existing equipment/piping/tanks on the site and will be operating the new pipelines, ship loading/unloading and truck unloading stations.

The proposed pipelines and loading/unloading stations have been designed in accordance with Wisconsin Administrative Code (WAC) SPS 310, American Society of Mechanical Engineers (ASME) Code B31.4 and National Fire Protection Association (NFPA) 30. All pipeline welds will be done by welders qualified to ASME Section IX. The proposed pipelines will consist of three (3) 10" lines. The 10" lines will be used to transfer Ethanol, Diesel and Gasoline blends from the existing bulk storage tanks to the new ship loading/unloading station to be installed on the adjacent pier. Approximately 5,220' of 10" lines will be installed above ground and approximately 840' of 10" pipeline will be installed underground. All piping will be carbon steel with threaded and welded connections that meet ASME B31.4 requirements. All below grade piping shall be double walled with a leak detection monitoring system installed. The above ground piping and equipment will be painted for corrosion protection. Below grade piping will be tied into the existing impressed current corrosion protection system. The corrosion protection will be designed and installed by a licensed Wisconsin corrosion system expert (Wisconsin Administrative Code SPS 305.89).

The proposed system is to enable the Site to bring Refined Petroleum products in and out of the Port of Milwaukee via ship. Refined Petroleum products will also be brought in via tractor trailer, loaded into the bulk storage tanks, and then transferred to ship via the new ship loading/unloading station. This installation will not affect site staffing or require modifications to site utilities or alter sewer or water use. The facility is surrounded by a fence and has a closed circuit surveillance system, and access to the facility is controlled.

Appropriate safety measures (marine safety skid, pressure reliefs, bonding/ground, etc.) are included in the system design. A security fence is installed along the perimeter of the entire U.S. Venture property



## US Oil – Milwaukee Jones Island Terminal Dock Line Project Milwaukee, WI

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January 06, 2016

to prevent unauthorized access. All components of the pipeline system near normal egresses will be surrounded by concrete-filled bollards or concrete barriers to provide crash protection. Appropriate signage will be placed on the pipeline system in accordance with WAC SPS 310 for wording, size and lettering.

If you have any questions/concerns or require any additional information regarding the enclosed information, please contact me at 906-280-0970 or email me at [kkreh@usoil.com](mailto:kkreh@usoil.com).

Sincerely,

Kris Kreh, PE  
Engineering Manager  
U.S. Oil  
906.280.0970 cell phone  
[KKreh@usoil.com](mailto:KKreh@usoil.com) email



*KKreh*  
1/6/16

**US**Venture

# ISSUED FOR BID CONSTRUCTION PLANS

## U.S. VENTURE, INC. MILWAUKEE JONES ISLAND TERMINAL - DOCK LINE PROJECT



DATE ISSUED/DATE REVISED

**MAY 22, 2015**



**KEY CONTACTS:**

**PROJECT SITE:**  
U.S. OIL JONES ISLAND TERMINAL  
1626 S. HARBOR DR  
MILWAUKEE, WI 53207  
TELEPHONE: 920-243-2525  
CONTACT: RANDY BARNHILL

**SITE OWNER:**  
U.S. VENTURE, INC  
425 BETTER WAY  
APPLETON, WI 54915  
TELEPHONE: 920-243-5715  
CONTACT: RICHARD SAWALL P.E.

**PROJECT DESIGN ENGINEER:**  
U.S. OIL  
425 BETTER WAY  
APPLETON, WI 54915  
TELEPHONE: 906-280-0970  
CONTACT: KRIS KREH P.E.

**PROJECT MANAGER:**  
U.S. OIL JONES ISLAND TERMINAL  
1626 S. HARBOR DR  
MILWAUKEE, WI 53207  
TELEPHONE: 920-243-2525  
CONTACT: RANDY BARNHILL

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# US OIL DOCK LINE PROJECT MILWAUKEE JONES ISLAND TERMINAL MILWAUKEE, WISCONSIN PROJECT NUMBER JI-0100

ALL SHEETS ARE THE SAME REVISION STATUS

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	15/05/22	KXX

**DIVISION 1 - GENERAL REQUIREMENTS**

- A. THE ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES OR PROCEDURES.
- B. THE ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION SAFETY, ENFORCEMENT OF ANY CONTRACTOR SAFETY REQUIREMENTS OR PROCEDURES.
- C. CONTRACTOR(S) SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT INDICATED OR REASONABLY IMPLIED TO CARRY OUT THE INTENT OF THE WORK COMPLETE.
- D. ALL WORK SHALL BE IN ACCORDANCE WITH BEST CONSTRUCTION PRACTICES, CURRENT MANUFACTURER'S RECOMMENDATIONS, AISC (STEEL CONSTRUCTION), AWS (WELDING) CODES AND ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES.
- E. PURSUE WORK WITH FORCES REQUIRED TO COMPLETE NECESSARY PHASES OF THE PROJECT IN ACCORDANCE WITH SCHEDULE INDICATED BY OWNER PRIOR TO BEGINNING WORK.
- F. OBSERVE OWNER'S REGULATIONS REGARDING FIRE PREVENTION, PARKING, SECURITY, ETC. PROVIDE ADEQUATE SAFETY BARRICADES AND OTHER PROTECTION DEVICES AS REQUIRED.
- G. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL APPLICABLE CONSTRUCTION PERMITS REQUIRED.
- H. CONTRACTOR(S) SHALL BE RESPONSIBLE FOR CARRYING, AND FOR VERIFYING THAT SUBCONTRACTORS CARRY, ADEQUATE INSURANCE PROTECTION OF TYPES AND AMOUNTS SATISFACTORY TO OWNER.
- I. SALVAGE ITEMS REMOVED FROM EXISTING CONSTRUCTION SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE DIRECTED.
- J. TAKE MEASUREMENTS IN FIELD AS REQUIRED TO VERIFY OR SUPPLEMENT DIMENSIONS SHOWN, AND ASSUME RESPONSIBILITY FOR NEW WORK IN PLACE. MODIFY EXISTING WORK TO ACCOMMODATE NEW CONSTRUCTION AS REQUIRED AND AS APPROVED.
- K. SHOP DRAWINGS - SUBMIT TWO (2) COPIES OF COMPLETE SHOP DRAWINGS STRUCTURAL STEEL AND OTHER SIGNIFICANT ITEMS FOR ENGINEER'S APPROVAL PRIOR TO FABRICATION OR MANUFACTURE. REPRODUCTION OF DESIGN DRAWINGS USED AS SHOP DRAWINGS WILL NOT BE ALLOWED.
- L. ALL WORK SHALL BE THOROUGHLY CLEANED, PROPERLY INSTALLED AND FREE FROM DEFECTS OF ALL KINDS AT TIME OF FINAL INSPECTION AND ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM DATE OF WRITTEN ACCEPTANCE OR FINAL PAVEMENT.

**DIVISION 2 - SITEWORK**

- A. EXCAVATION OF ALL MATERIAL OF EVERY NATURE AND DESCRIPTION SHALL BE PREFORMED TO ELEVATIONS AND DIMENSIONS INDICATED OR REQUIRED TO CARRY OUT THE INTENTIONS OF THE WORK. ALL TOPSOIL AND UNSUITABLE EXISTING SOIL SHALL BE REMOVED AND REPLACED WITH APPROVED COMPACTED FILL.
- B. CAUTION - EXISTING UNDERGROUND UTILITIES MAY EXIST ANYWHERE ON THE SITE. DESIGN DRAWINGS SHOWING EXISTING UTILITIES MAY BE INCOMPLETE OR INACCURATE. USE CAUTION WHEN EXCAVATING.
- C. PROVIDE, OPERATE AND MAINTAIN PUMPS OR OTHER EQUIPMENT NECESSARY TO DRAIN AND KEEP EXCAVATIONS AND SUBGRADES FREE OF WATER. TAKE ACTION AS REQUIRED TO HOLD WATER LEVEL BELOW SUBGRADE DURING FILLING AND COMPACTION OPERATIONS TO PREVENT SOFTENING OF SOIL OR CREATING A "QUICK" CONDITION.
- D. ALL MATERIALS PLACED SHALL BE FREE OF DEBRIS OF ALL KINDS, WITH NO STONES LARGER THEN 4" IN SIZE. NO FROZEN MATERIAL SHALL BE PLACED, NOR SHALL MATERIALS BE PLACED ON FROZEN SUBGRADES.
- E. ALL FOOTINGS MUST BEAR ON SOLID UNDISTURBED SOIL CAPABLE OF SUPPORTING DESIGN LOADING INDICATED OR ON APPROVED COMPACTED FILL. WHERE FOUNDATIONS BEAR ON COMPACTED FILL, EXTEND FILL BEYOND EDGE OF FOUNDATION A DISTANCE AT LEAST EQUAL TO THE DEPTH OF FILL BELOW BOTTOM OF FOOTING. OBTAIN ENGINEER'S APPROVAL OF ALL FOUNDATION BEARING LEVELS.

**DIVISION 3 - CONCRETE**

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF FORMWORK TO DIMENSIONS INDICATED AND FOR MAINTAINING FORMS IN PROPER ALIGNMENT DURING POURING OPERATIONS.
- B. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60. REINFORCEMENT SHALL HAVE SUITABLE MARKS TO VISUALLY DETERMINE GRADE AT SITE. UNLESS OTHERWISE NOTED, PROVIDE THE MINIMUM REINFORCEMENT IN ALL CONCRETE CROSS-SECTIONS AS REQUIRED BY AC318.
- C. ALL FOOTING DOWELS SHALL BE POSITIONED ACCURATELY AND TIED IN PLACE BEFORE CASTING FOOTING. UNLESS OTHERWISE NOTED, PROVIDE DOWELS OF SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT IN ALL COLUMNS AND WALLS. ALL ANCHOR BOLTS TO BE POSITIONED BY TEMPLATE.
- D. TOP AND BOTTOM REINFORCEMENT IN FOOTINGS SHALL BE SUPPORTED AT A MAXIMUM SPACING OF 3'-6" FOR #5 BARS AND SMALLER AND 4'-0" FOR #6 BARS AND LARGER. ALL SUPPORTS SHALL NOT BE MORE THEN 6' FROM THE ENDS OF BARS.
- E. CLEAR COVER OVER REINFORCING SHALL BE AS FOLLOWS UNLESS OTHERWISE INDICATED ON THE DRAWINGS:  
1. PIERS: 2" EACH FACE  
2. FOOTINGS: 3" BOTTOM AND SIDES, 2" TOP
- F. COORDINATE WITH OTHER TRADES FOR SLEEVES, CONDUIT, ELECTRICAL GROUNDING WIRES, INSERTS, UNDERGROUND UTILITIES, AND OTHER ITEMS TO BE EMBEDDED INTO CONCRETE AND VERIFY THAT THEY ARE PROPERLY INSTALLED BEFORE CASTING CONCRETE.
- G. ALL CONCRETE SHALL BE READY-MIXED, TRANSPORTED AND PLACE PER AC304.
- H. CEMENT SHALL BE PORTLAND CEMENT TYPE 1 CONFORMING TO ASTM C150. AGGREGATE SHALL BE FOR NORMAL WEIGHT CONCRETE CONFORMING TO ASTM C33. WATER SHALL BE CLEAN AND POTABLE.
- I. CONCRETE MIXES SHALL BE AS FOLLOWS:  
FOOTINGS AND FOUNDATIONS: 3500 PSI AT 28 DAYS, 2-4 SLUMP RANGE, 1 1/2" MAX. AGGREGATE SIZE, 5 1/2" MIN. CEMENT BAGS PER CUBIC YARD, NO AIR ENTRAINMENT.  
EXTERIOR FLATWORK: 35000 PSI AT 28 DAYS, 2-4 SLUMP RANGE, 3/4" MAX. AGGREGATE SIZE, 6 MINIMUM CEMENT BAGS PER CUBIC YARD, 4-7% AIR ENTRAINMENT.
- J. DO NOT USE ADMIXTURES, SALTS OR OTHER CHEMICALS IN THE CONCRETE FOR THE WORK WITHOUT ENGINEER'S APPROVAL.
- K. UNLESS NOTED OTHERWISE, EXTERIOR SLABS SHALL BE PROVIDED WITH TRANSVERSE, LIGHTLY BROOMED FINISH AS APPROVED.
- L. FORMS SHALL NOT BE REMOVED UNTIL CONCRETE HAS ACQUIRED SUFFICIENT STRENGTH TO SAFELY SUPPORT ITS OWN WEIGHT PLUS CONSTRUCTION LOADS. ALL FORMWORK SHALL BE REMOVED.
- M. IMMEDIATELY AFTER REMOVAL OF FORMS, FINISH ALL CONCRETE EXPOSED TO REMAIN EXPOSED BY CUTTING BACK TIES, FILLING VOIDS, SMOOTHING JOINTS, GROUTING AND "SACKING" TO A SMOOTH UNIFORM APPEARANCE FREE FROM ALL IRREGULARITIES.
- N. COLD WEATHER CONCRETING: PROTECT CONCRETE IN ACCORDANCE WITH ACI 306. CONCRETE SHALL BE PROTECTED WHEN TEMPERATURE IS (OR IS EXPECTED TO GET) BELOW 40 F. IN NO CASE SHALL CONCRETE TEMPERATURE BE ALLOWED TO DROP BELOW 50 F FOR 7 DAYS AFTER PLACEMENT.
- O. CEMENTITIOUS GROUT TO BE NON-SHRINK, NON-METALLIC GROUT; "FIVE STAR GROUT" AS MANUFACTURED BY FIVE STAR PRODUCTS, INC. OR MASTER BUILDERS "MASTERFLOW 928" APPLIED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

**DIVISION 4 - METALS**

- A. FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN CCORDANCE WITH AISC "CODE OF STANDARD PRACTICE". FABRICATORS TO BE AISC CERTIFIED FOR APPROPRIATE CATEGORY OF STEELWORK.
- B. ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL BE ASTM A36 OR A992 GRADE 50 (SEE PLANS).

**DIVISION 4 - METALS (CONTINUED)**

- C. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATING ANY MATERIALS FOR THE PROJECT.
- D. FABRICATOR SHALL DESIGN CONNECTIONS AND DETAILS NOT SHOWN.  
1. ALL STEEL BEAMS SHALL FRAME INTO THE FLANGES OR WEBS OF COLUMNS UNLESS DETAILED OTHERWISE.  
2. UNLESS DETAILED OTHERWISE, ALL BEAM CONNECTIONS SHALL HAVE THE MAXIMUM NUMBER OF BOLTS THAT CAN BE PLACED BETWEEN TOP AND BOTTOM FLANGES WHEN BOLTS ARE 3" O/C WITH TOP BOLT 2-1/2" FROM TOP FLANGE AND BOTTOM BOLT NOT CLOSER THAN 2-1/2" FROM BOTTOM FLANGE. CLIP ANGLES TO BE 5/16" THICK, PLACED ON BOTH SIDES OF WEB AND FULLY SHOP WELDED TO BEAMS WITH 1/4" FILLET WELD, UNLESS OTHERWISE NOTED HEREIN.  
3. UNLESS DETAILED OTHERWISE, CLIP ANGLES FOR STRUCTURAL STEEL MEMBERS OF ONLY 3/16" WEB THICKNESS TO BE 1/4" THICK, PLACED ON BOTH SIDES OF WEB AND FULLY SHOP WELDED TO BEAMS WITH 3/16" FILLET WELD ALL AROUND.  
4. STRUCTURAL STEEL CONNECTIONS TO BE MADE WITH 3/4" DIA. ASTM A325X BOLTS TENSIONED BY THE "TURN OF NUT" METHOD. PROVIDE WASHERS UNDER TURNED ELEMENT.
- E. ALL CARBON STEEL WELDING SHALL BE DONE USING E70 ELECTRODES IN ACCORDANCE WITH AWS REQUIREMENTS. WHERE FIELD WELDING IS REQUIRED AT PREVIOUSLY FINISH PAINTED SURFACES, THE PAINT IS TO BE REMOVED TO EXPOSE BARE METAL.
- F. NO FIELD CUTTING OR BURNING OF ANY STRUCTURAL MEMBERS SHALL BE DONE WITHOUT STRUCTURAL ENGINEER'S APPROVAL.
- G. AFTER ERECTION, WIRE BRUSH CLEAN ALL FIELD WELDED CONNECTIONS AND ABRADED AREAS AND SPOT PAINT.
- H. WHERE SHOWN, PROVIDE 1-1/4" NOMINAL DIAMETER STANDARD WEIGHT PIPE HANDRAILING AND POSTS. POSTS SHALL BE SPACED AT 5'-0" O/C MAXIMUM. HANDRAIL JOINTS ARE TO BE WELDED AND GROUND SMOOTH.

**DIVISION 5 - FINISHES**

- A. SCOPE:  
THE SPECIFICATION OUTLINES A PRIMER AND EPOXY COATING FOR STRUCTURAL STEEL. THIS HAS BEEN DESIGNED AS A GENERAL PURPOSE SYSTEM TO PROVIDE EXCELLENT PROTECTION IN A GENERAL DAMP, HUMID, CHEMICAL ENVIRONMENT. THE COATING SYSTEM HAS EXCELLENT RESISTANCE TO WATER, ALKALINE, AND MODERATE ACID CONDITIONS. THIS SYSTEM IS IDEAL FOR USE IN THE FABRICATING SHIP AND MAY BE FIELD APPLIED IN THE SURFACE PREPARATION REQUIREMENTS CAN BE MET.
- B. CODES/STANDARDS:  
ALL PAINTING OF STEELWORK SHALL MEET THE REQUIREMENTS OF STEEL STRUCTURES PAINTING MANUAL, VOLUME #2 "SYSTEMS AND SPECIFICATIONS" AS PUBLISHED BY THE STEEL STRUCTURES PAINTING COUNCIL.
- C. SURFACE PREPARATION:  
THE STEEL SHALL BE DRY ABRASIVE BLASTED TO STEEL STRUCTURES PAINTING COUNCILS STANDARD, SSPC-SP 0 FOR A NEAR WHITE BLAST
- D. COATING SYSTEM (CARBOLINE OR APPROVED EQUAL):  
D.1 PRIMER  
THE PRIMER SHALL CONSIST OF ONE COAT OF CARBOGUARD 893 APPLIED BY SPRAY TO A DRY FILM THICKNESS OF 3 MILS.  
D.2 TOP COAT  
THE TOP COAT SHALL CONSIST OF ONE COAT OF CARBOGAURD 890 APPLIED BY SPRAY TO A DRY FILM THICKNESS OF 5 MILS.
- E. PAINT SYSTEM COLOR TO MATCH CARBOLINE 1864, OR COLOR APPROVED BY OWNER.

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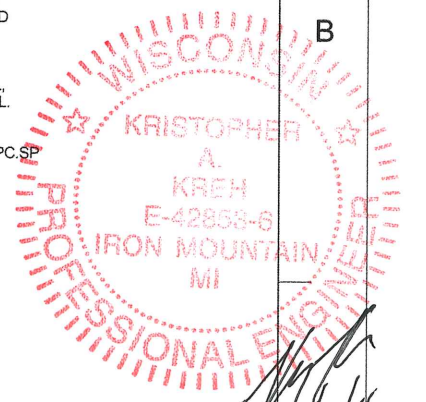
PROJECT NAME <b>JONES ISLAND DOCKLINE PROJ.</b>		DRAWN	KXX	15/05/20
PROJ. NO. JI0100		CHECK	-	-
TERMINAL JONES		APP'D	-	-
TERMINAL ADDRESS: 1626 S. HARBOR DR MILWAUKEE, WI 53207 (920) 243-2525		US OIL IS A DIVISION OF US VENTURE, INC. 425 BETTER WAY APPLETON, WI 54915 1-800-876-4526		
INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN ASME Y14.100		ALL DIMENSIONS ARE ENGLISH UNLESS OTHERWISE SPECIFIED		
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SHEET TITLE  
**JONES ISLAND DOCK LINE PROJECT STANDARDS**

SIZE B	DWG NO. JI1051	REV -
SCALE N/A		SHEET 1 OF 1

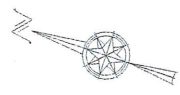


*[Handwritten Signature]*  
1/16/20

ALL SHEETS ARE THE SAME REVISION STATUS

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	15/01/22	KXK
A	MOV'D ROAD X-ING TO NORTH	15/03/30	KXK
B	ADD'D VCU AT END OF PIER	15/10/01	KXK
C	ADD'D SHT 4&5; ADD'D DIMS.	15/10/20	KXK

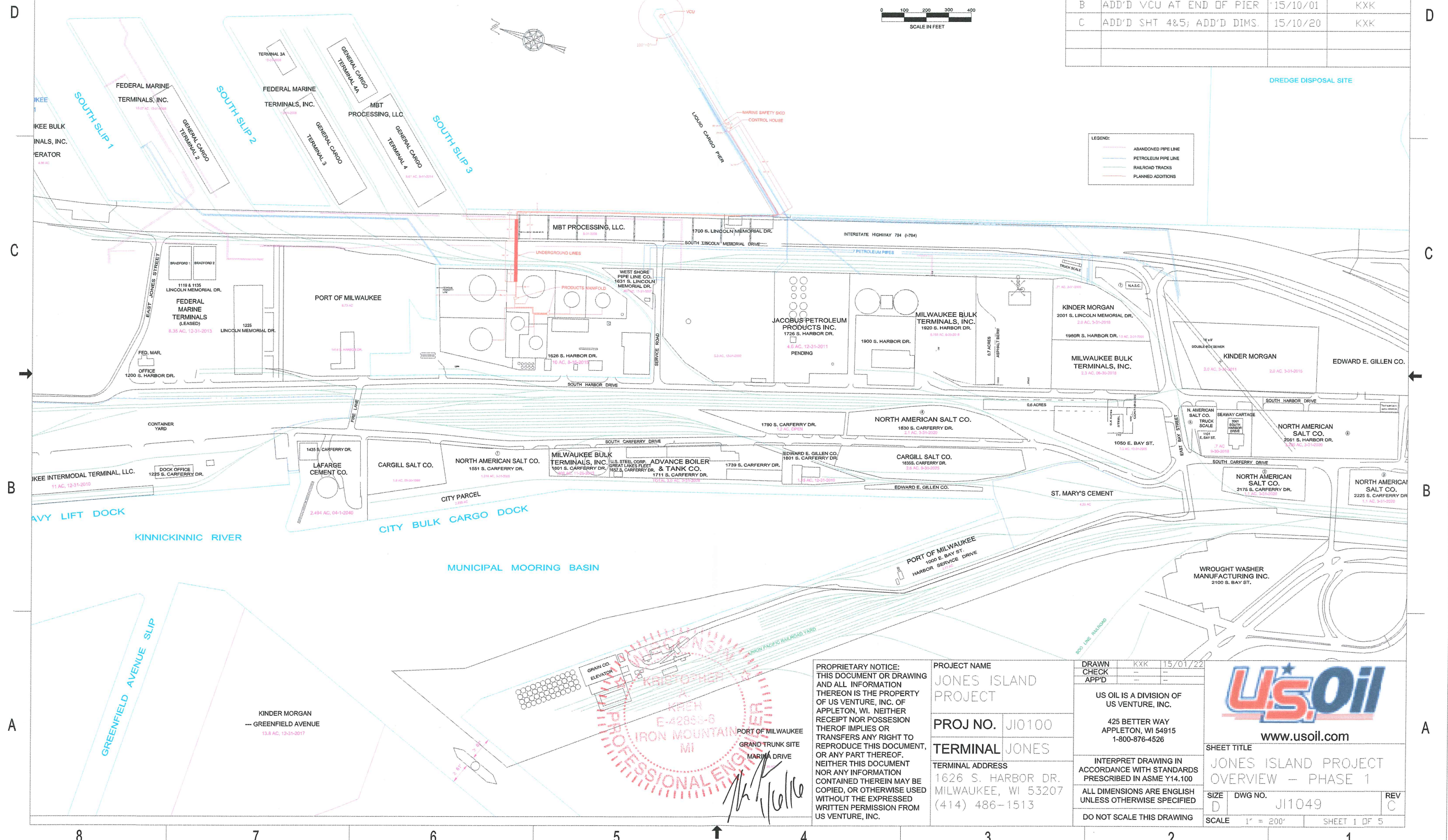
LAKE MICHIGAN



LEGEND:

	ABANDONED PIPE LINE
	PETROLEUM PIPE LINE
	RAILROAD TRACKS
	PLANNED ADDITIONS

DREDGE DISPOSAL SITE



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US VENTURE, INC.

PROJECT NAME  
JONES ISLAND  
PROJECT

PROJ NO. JI0100

TERMINAL JONES

TERMINAL ADDRESS  
1626 S. HARBOR DR.  
MILWAUKEE, WI 53207  
(414) 486-1513

DRAWN	KXK	15/01/22
CHECK	---	---
APP'D	---	---

US OIL IS A DIVISION OF  
US VENTURE, INC.

425 BETTER WAY  
APPLETON, WI 54915  
1-800-876-4526

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ACCORDANCE WITH STANDARDS  
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SHEET TITLE  
JONES ISLAND PROJECT  
OVERVIEW -- PHASE 1

SIZE	DWG NO.	REV
D	J11049	C

SCALE 1" = 200'

SHEET 1 OF 5

PROFESSIONAL ENGINEER  
KRISTOPHER A. KREH  
E-42833-8  
IRON MOUNTAIN  
MI

PORT OF MILWAUKEE  
GRAND TRUNK SITE  
MARINA DRIVE

ALL SHEETS ARE THE SAME REVISION STATUS

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	15/01/22	KXK
A	MOV'D ROAD X-ING TO NORTH	15/03/30	KXK
B	ADD'D VCU AT END OF PIER	15/10/01	KXK
C	ADD'D SHT 4&5; ADD'D DIMS.	15/10/01	KXK

**UNDERGROUND LINES**

**PRODUCTS MANIFOLD**

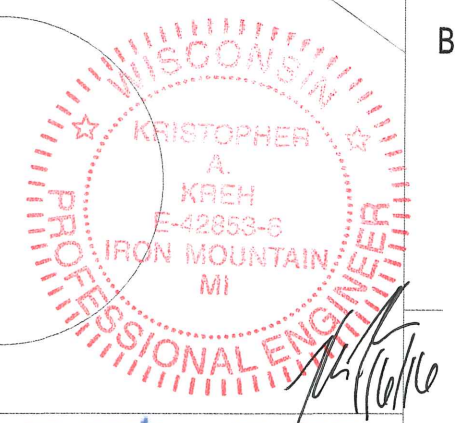
182'-10"

70'-11"

28'-0"

356'-11"

163  
M



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PROJECT NAME  
JONES ISLAND  
PROJECT  
PROJ NO. JI0100  
TERMINAL JONES  
TERMINAL ADDRESS  
1626 S. HARBOR DR.  
MILWAUKEE, WI 53207  
(414) 486-1513

DRAWN	KXK	15/01/22
CHECK	-	-
APP'D	-	-

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www.usoil.com

SHEET TITLE  
JONES ISLAND PROJECT  
OVERVIEW -- PHASE 1

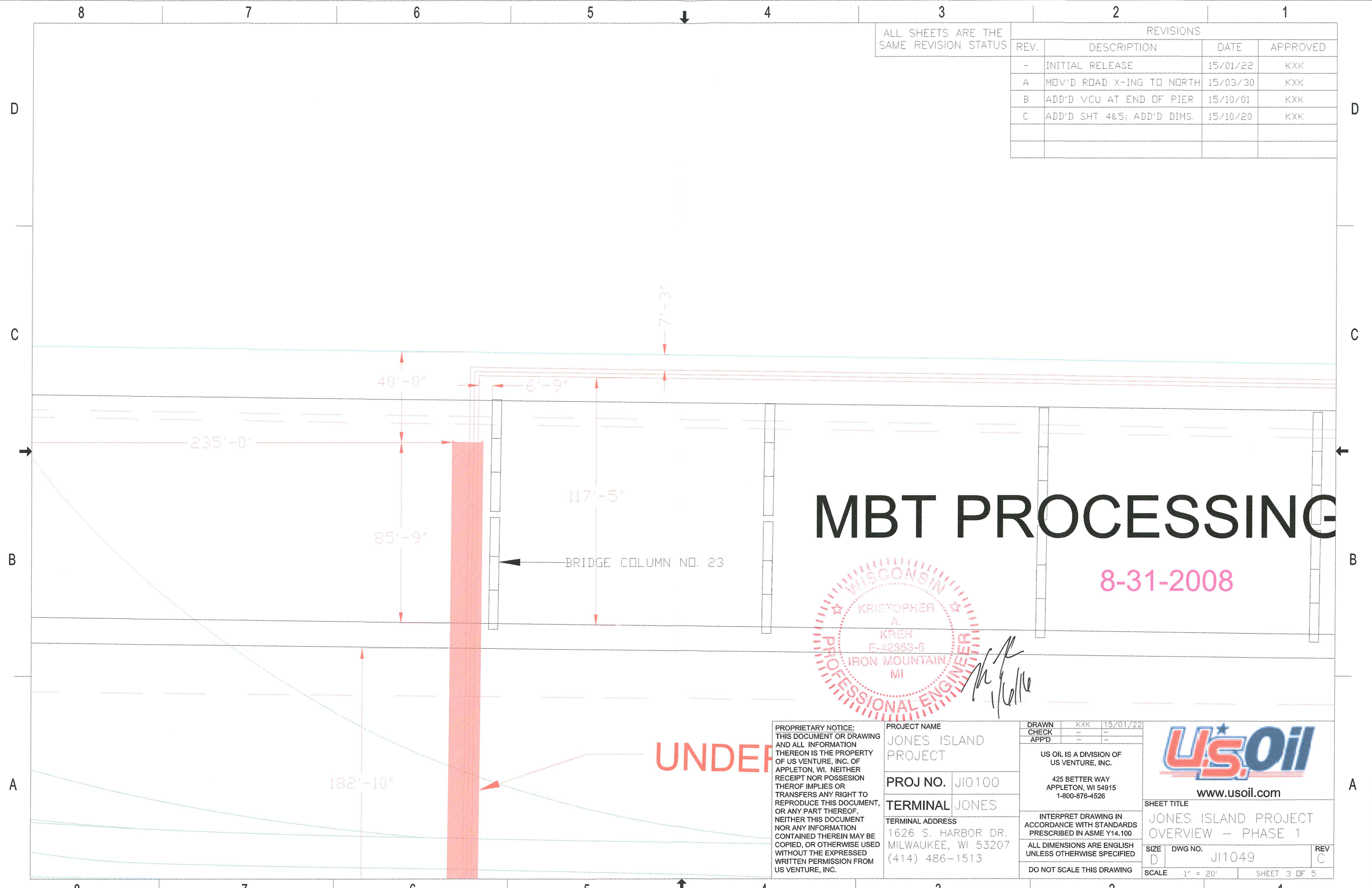
SIZE	DWG NO.	REV
D	J11049	C

SCALE 1" = 20' SHEET 2 OF 5



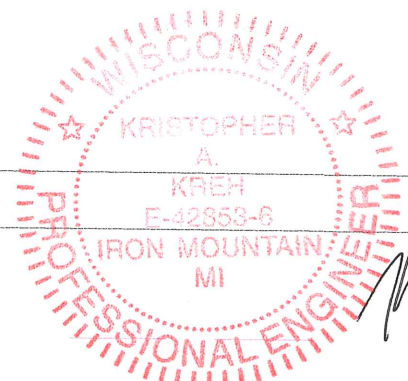
ALL SHEETS ARE THE SAME REVISION STATUS

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	15/01/22	KXK
A	MOV'D ROAD X-ING TO NORTH	15/03/30	KXK
B	ADD'D VCU AT END OF PIER	15/10/01	KXK
C	ADD'D SHT 4&5; ADD'D DIMS.	15/10/20	KXK



# MBT PROCESSING

8-31-2008



*[Handwritten Signature]*

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**PROJECT NAME**  
JONES ISLAND PROJECT

**PROJ NO.** JI0100

**TERMINAL** JONES

**TERMINAL ADDRESS**  
1626 S. HARBOR DR.  
MILWAUKEE, WI 53207  
(414) 486-1513

DRAWN	KXK	15/01/22
CHECK	-	-
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**SHEET TITLE**  
JONES ISLAND PROJECT OVERVIEW - PHASE 1

SIZE	DWG NO.	REV
D	J11049	C

SCALE 1" = 20' SHEET 3 OF 5

ALL SHEETS ARE THE SAME REVISION STATUS

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	15/01/22	KXK
A	MOV'D ROAD X-ING TO NORTH	15/03/20	KXK
B	ADD'D VCU AT END OF PIER	15/10/01	KXK
C	ADD'D SHT 4&5; ADD'D DIMS.	15/10/20	KXK

LIQUID CARGO PIER

MARINE SAFETY SKID  
CONTROL HOUSE

22'-8"  
21'-6"  
13'-3"

16'-5"  
480'-0"  
443'-0"



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PROJ NO. JI0100  
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MILWAUKEE, WI 53207  
(414) 486-1513

DRAWN	KXK	15/01/22
CHECK	-	-
APPD	-	-

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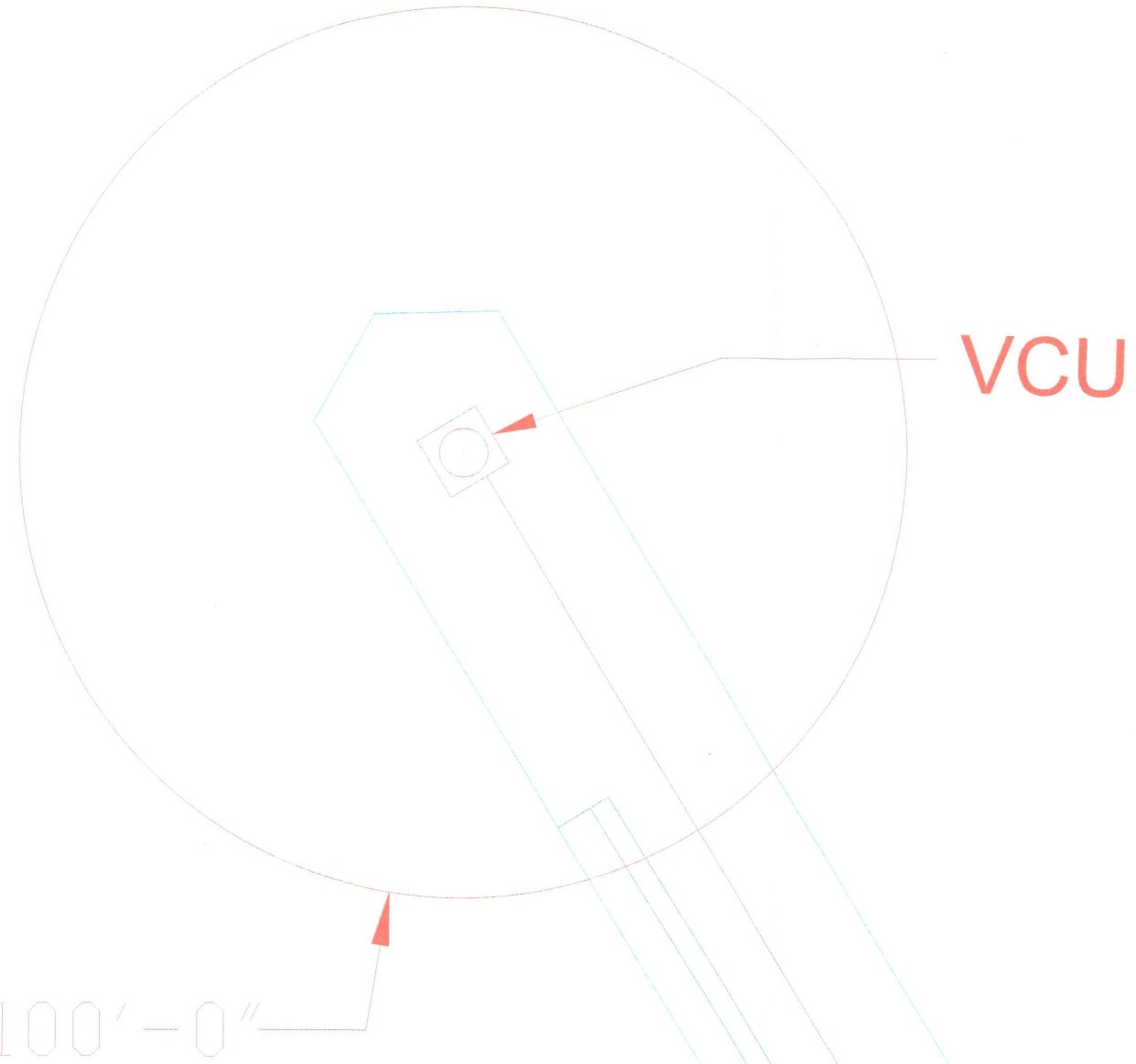
SHEET TITLE  
JONES ISLAND PROJECT  
OVERVIEW - PHASE 1

SIZE	DWG NO.	REV
D	J11049	C

SCALE 1" = 20' SHEET 4 OF 5

ALL SHEETS ARE THE SAME REVISION STATUS

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	15/01/22	KXK
A	MOV'D ROAD X-ING TO NORTH	15/03/30	KXK
B	ADD'D VCU AT END OF PIER	15/10/01	KXK
C	ADD'D SHT 4&5; ADD'D DIMS.	15/10/20	KXK



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PROJECT NAME  
**JONES ISLAND  
PROJECT**

PROJ NO. JI0100

TERMINAL JONES

TERMINAL ADDRESS  
1626 S. HARBOR DR.  
MILWAUKEE, WI 53207  
(414) 486-1513

DRAWN	KXK	15/01/22
CHECK	--	--
APP'D	--	--

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SHEET TITLE  
**JONES ISLAND PROJECT  
OVERVIEW - PHASE 1**

SIZE	DWG NO.	REV
D	J11049	C

SCALE 1" = 20'

SHEET 5 OF 5

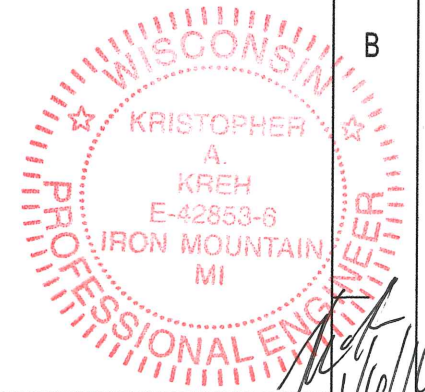
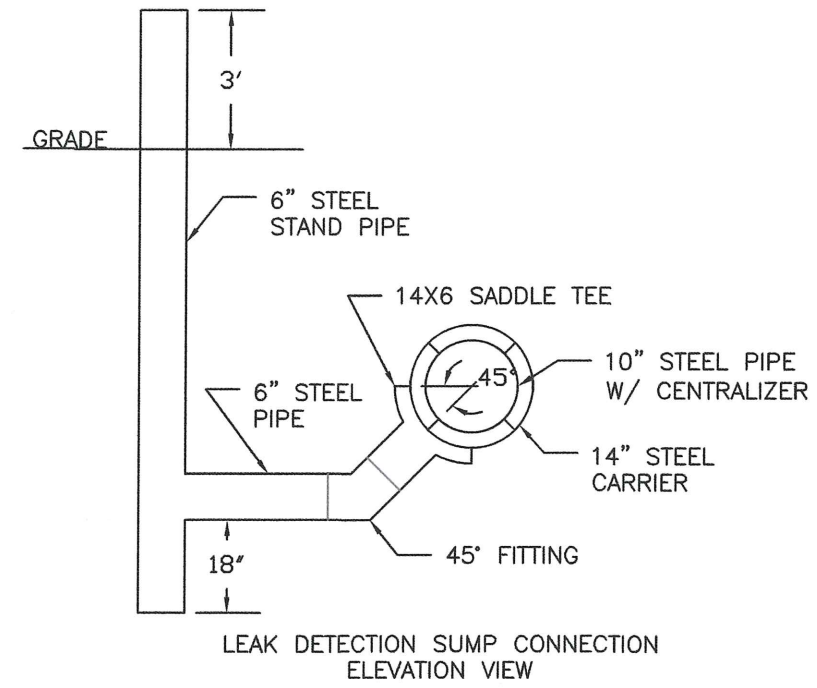
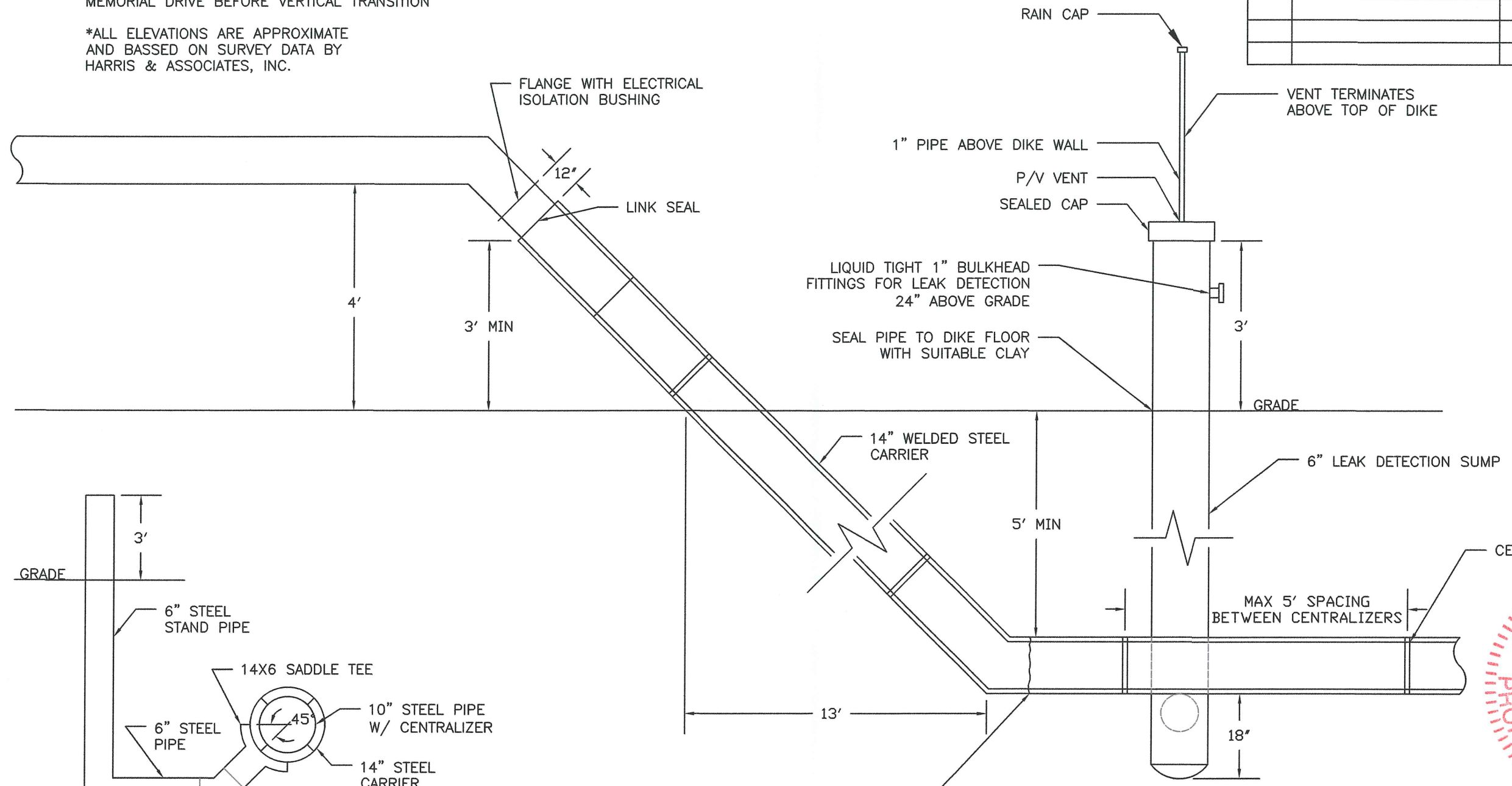
8 7 6 5 4 3 2 1

ALL SHEETS ARE THE SAME REVISION STATUS

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	15/05/22	KXK
A	CHANGED ALL HDPE PIPE TO STEEL	15/10/15	KXK

NOTES: LEAK DETECTION SUMP TO BE INSTALLED ON BOTH SIDES OF S. LINCOLN MEMORIAL DRIVE BEFORE VERTICAL TRANSITION

\*ALL ELEVATIONS ARE APPROXIMATE AND BASED ON SURVEY DATA BY HARRIS & ASSOCIATES, INC.



WELDED SCHEDULE 40 STEEL PIPE W/ 3D 45° ELBOWS

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PROJECT NAME  
**JONES ISLAND DOCKLINE PROJ.**  
 PROJ NO. JI0100  
 TERMINAL JONES  
 TERMINAL ADDRESS  
 1626 S. HARBOR DR  
 MILWAUKEE, WI 53207  
 (920) 243-2525

DRAWN	KXK	15/05/20
CHECK	-	-
APP'D	-	-

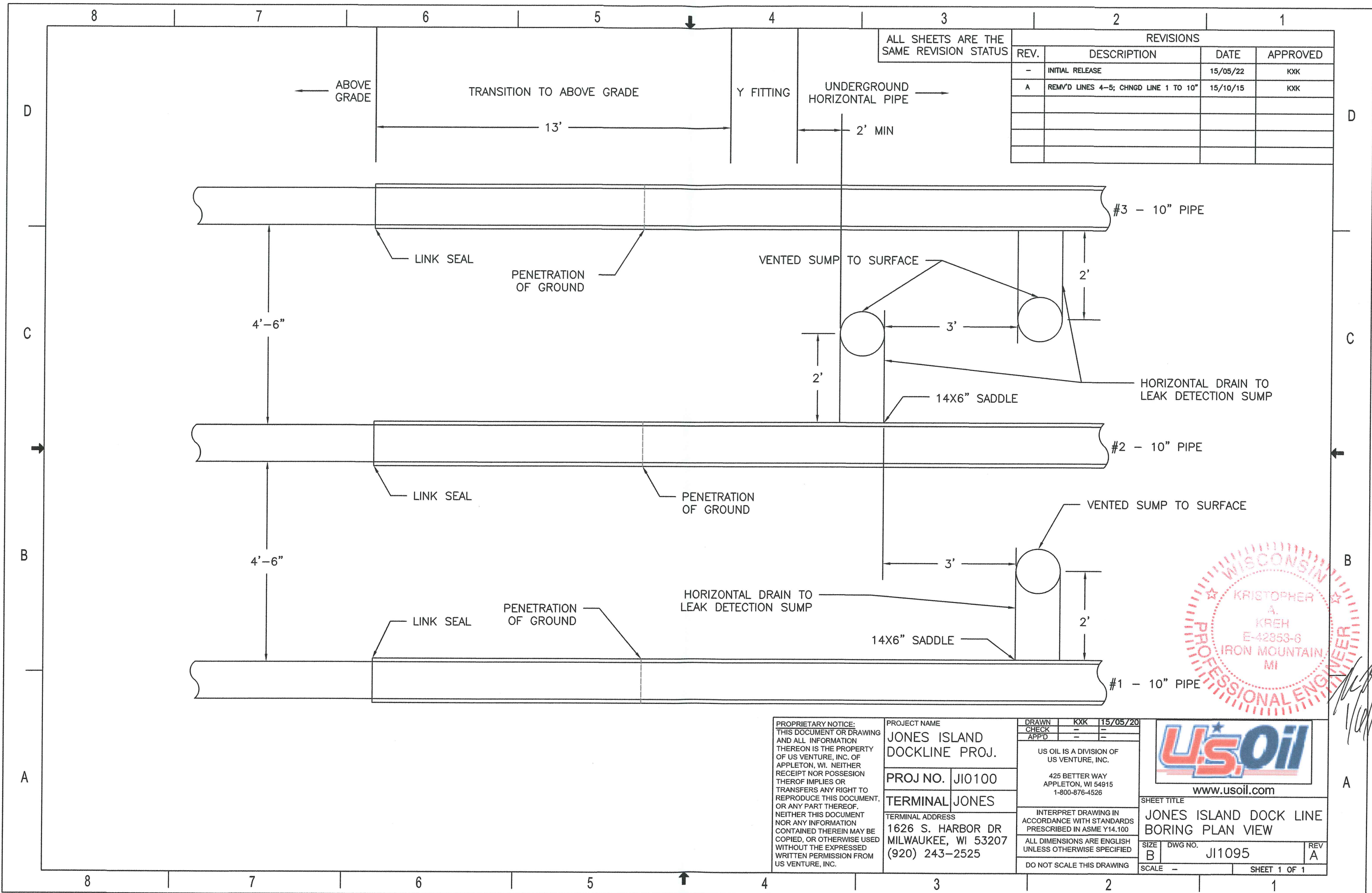
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SHEET TITLE  
**JONES ISLAND DOCK LINE 10" BORING DETAIL**  
 SIZE B DWG NO. JI1094 REV A  
 SCALE - SHEET 1 OF 1

8 7 6 5 4 3 2 1



ALL SHEETS ARE THE SAME REVISION STATUS

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	15/05/22	KXK
A	REMOVED LINES 4-5; CHANGED LINE 1 TO 10"	15/10/15	KXK

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DRAWN	KXK	15/05/20
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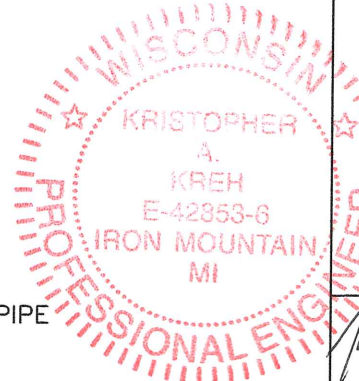
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SHEET TITLE  
**JONES ISLAND DOCK LINE BORING PLAN VIEW**

SIZE B DWG NO. JI1095 REV A

SCALE - SHEET 1 OF 1



*[Handwritten signature]*