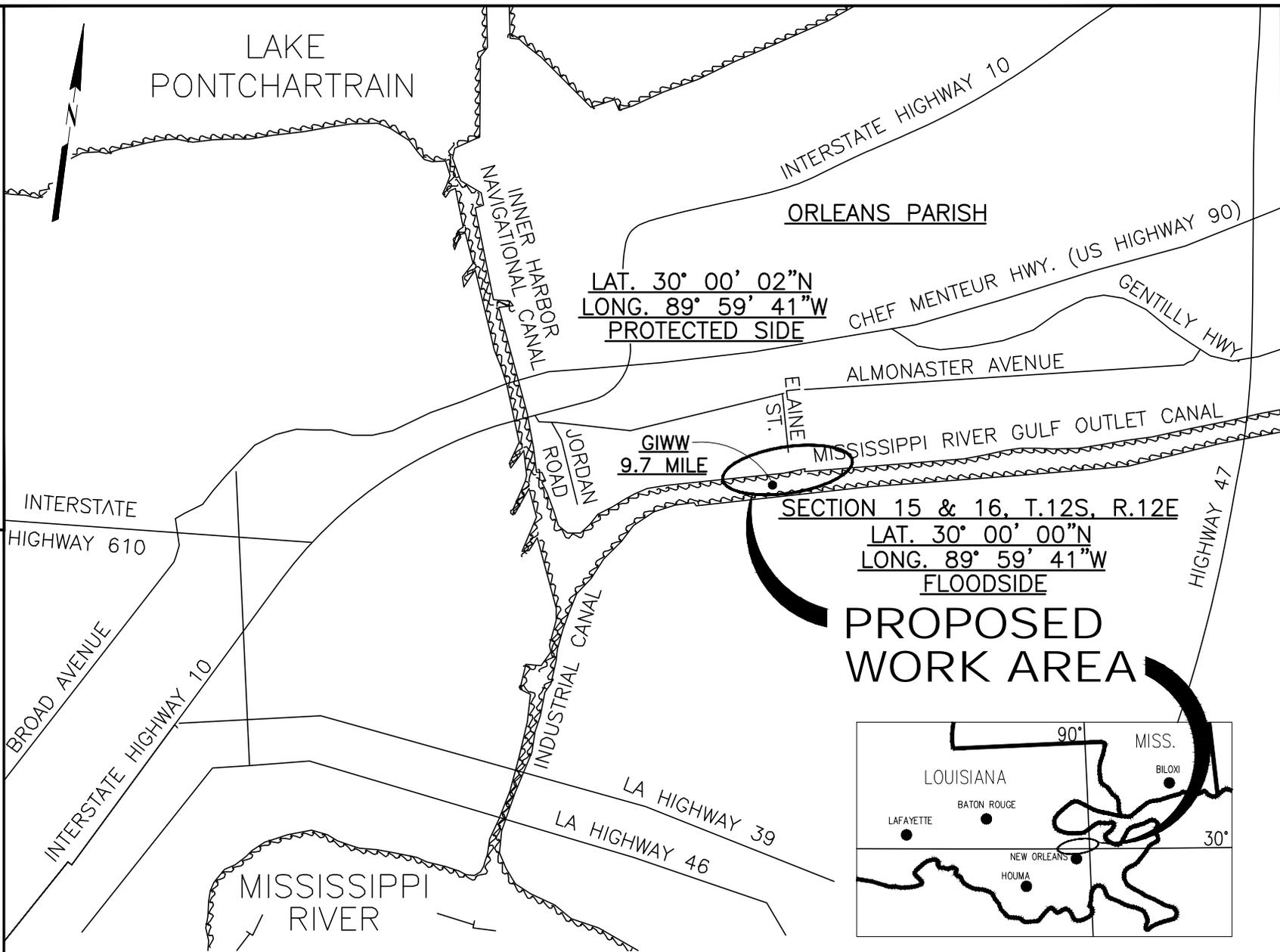




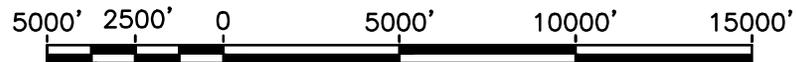
WALDEMAR S. NELSON AND COMPANY
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 1200 ST. CHARLES AVE.
 NEW ORLEANS, LA.

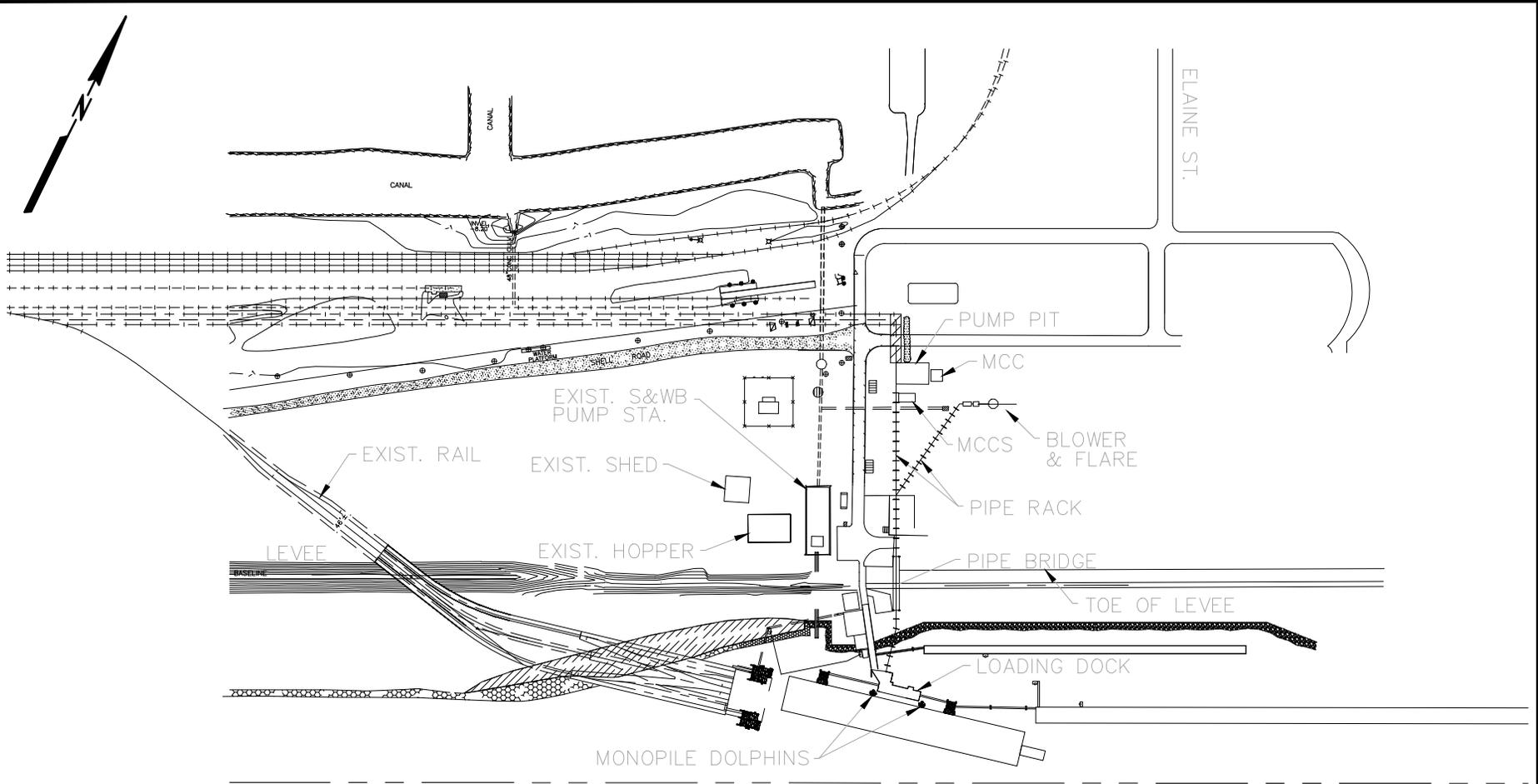
BULK RESOURCES LOUISIANA, LLC
 PORT OF NEW ORLEANS CRUDE OIL PROJECT
 DATE 1/7/13
 SCALE SHOWN
 JOB NO. 20120095
 DRAWING NO. SK-1
 DESIGNED BY: .
 REGISTRATION NO. .
 STATE: .



VICINITY MAP

SCALE: 1" = 5000'





PREVIOUSLY PERMITTED WORK PLAN

3000 1500 0 3000 6000 9000 FT.



NOTE:
CONDITIONS SHOWN HAVE
BEEN PERMITTED



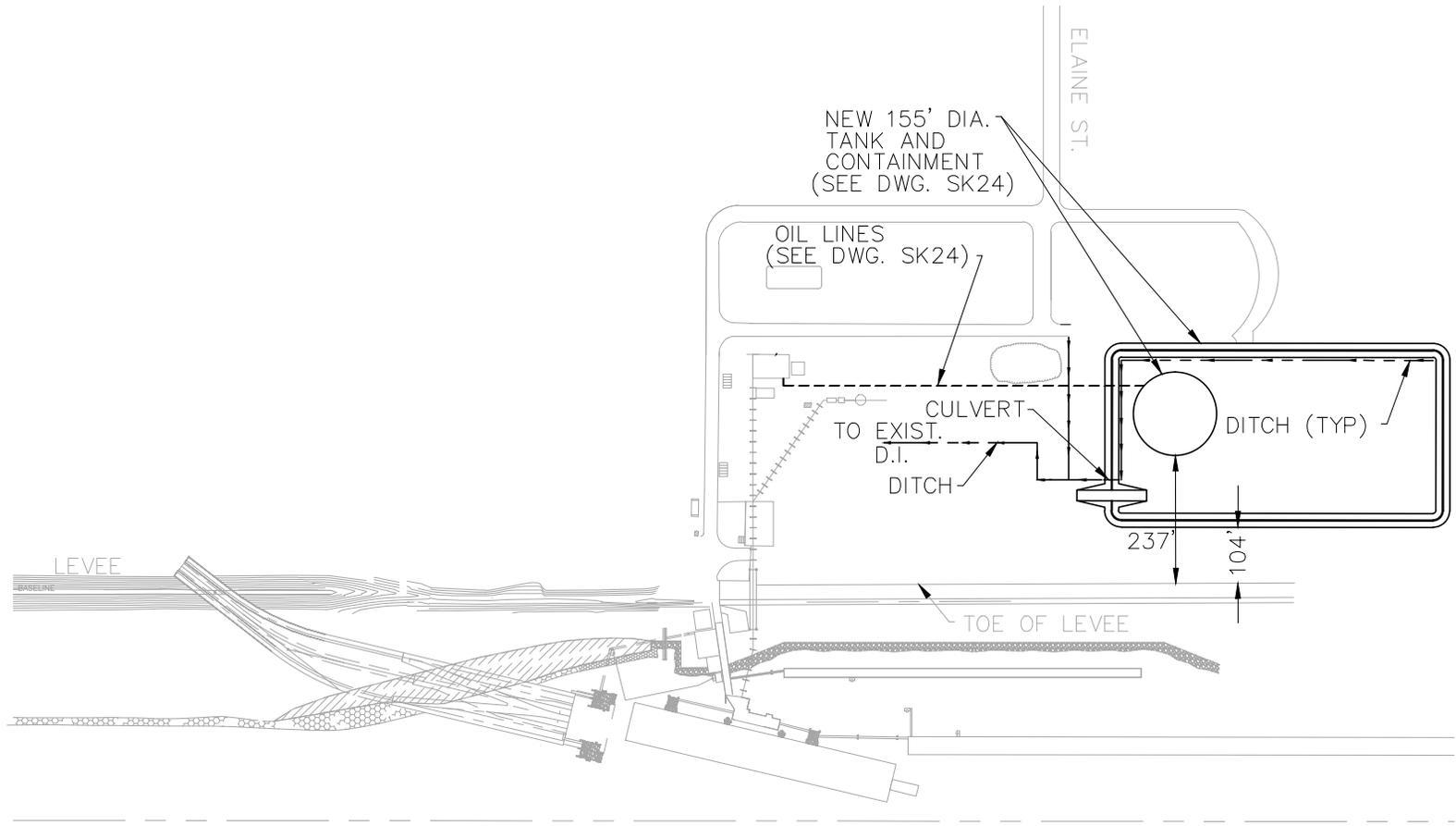
WALDEMAR S. NELSON AND COMPANY
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 1200 ST. CHARLES AVE. NEW ORLEANS, LA.

BULK RESOURCES LOUISIANA, LLC PORT OF NEW ORLEANS CRUDE OIL PROJECT 155' DIAMETER TANK

DATE	SCALE	JOB NO.	DRAWING NO.
1-7-13	SHOWN	20120095	SK2.6 rev1

PLOT DATE: 1/7/13 4:33 P.M.

ACAD FILE: 20120095SK2.6.DWG



SITE PLAN-NEW WORK



NOTE:
 NEW WORK (TANK AND BERM)
 IS SHOWN IN BOLD, PREVIOUSLY
 PERMITTED WORK IS GRAYED-OUT.



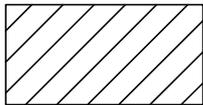
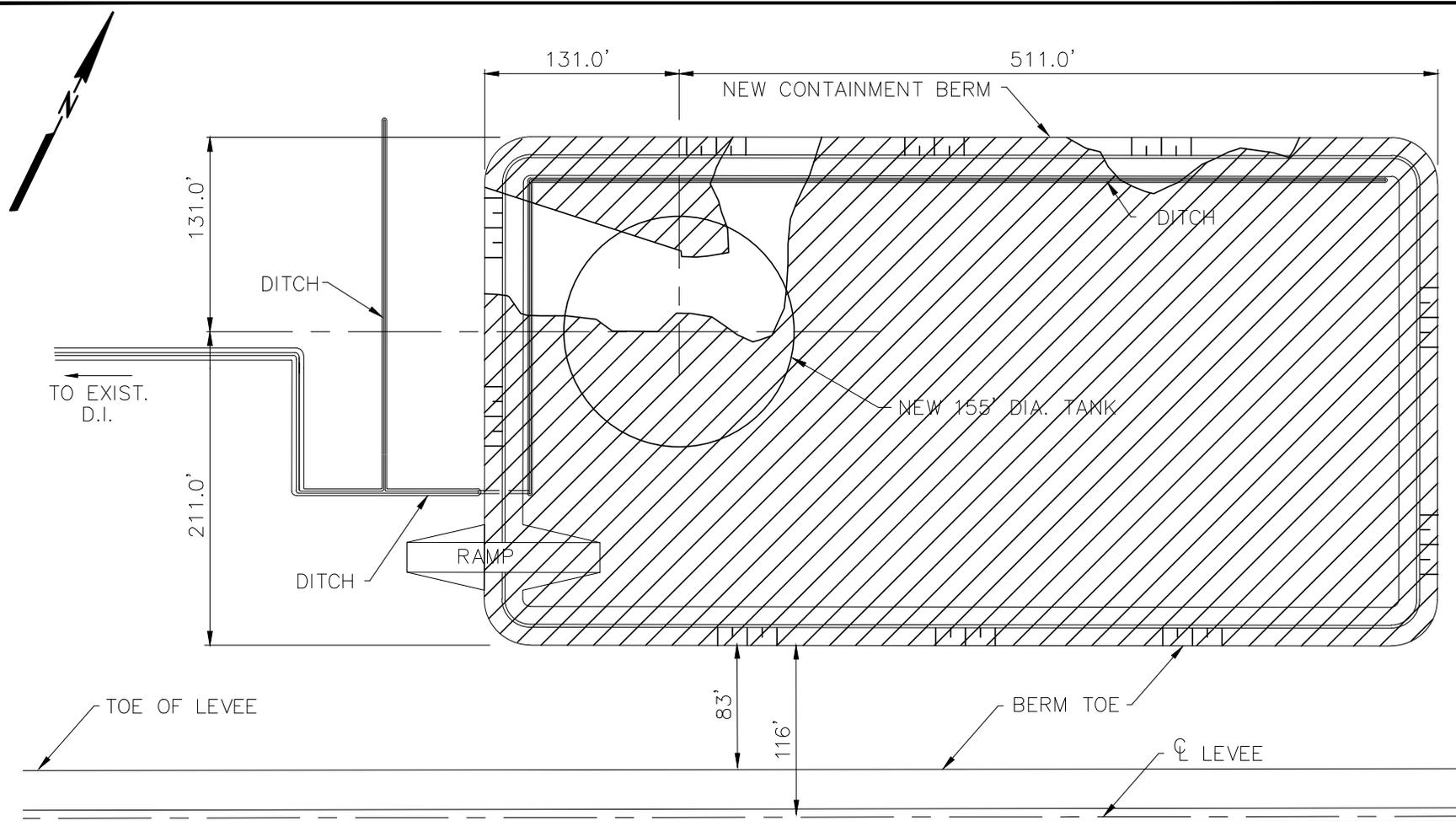
WALDEMAR S. NELSON AND COMPANY
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 1200 ST. CHARLES AVE. NEW ORLEANS, LA.

BULK RESOURCES LOUISIANA, LLC PORT OF NEW ORLEANS CRUDE OIL PROJECT 155' DIAMETER TANK

DATE	SCALE	JOB NO.	DRAWING NO.
1-7-13	SHOWN	20120095	SK2.7 rev1

PLOT DATE: 1/7/13 4:33 P.M.

ACAD FILE: 20120095SK2.7.DWG



DENOTES WETLANDS IMPACTED BY
 INSTALLATION OF TANK AND BERM
 CONTAINMENT AREA. OTHER AREAS
 ARE EITHER NON-WET OR NOT
 PART OF THIS APPLICATION.
 (±4.88 ACRES)

WETLANDS DELINEATION PLAN



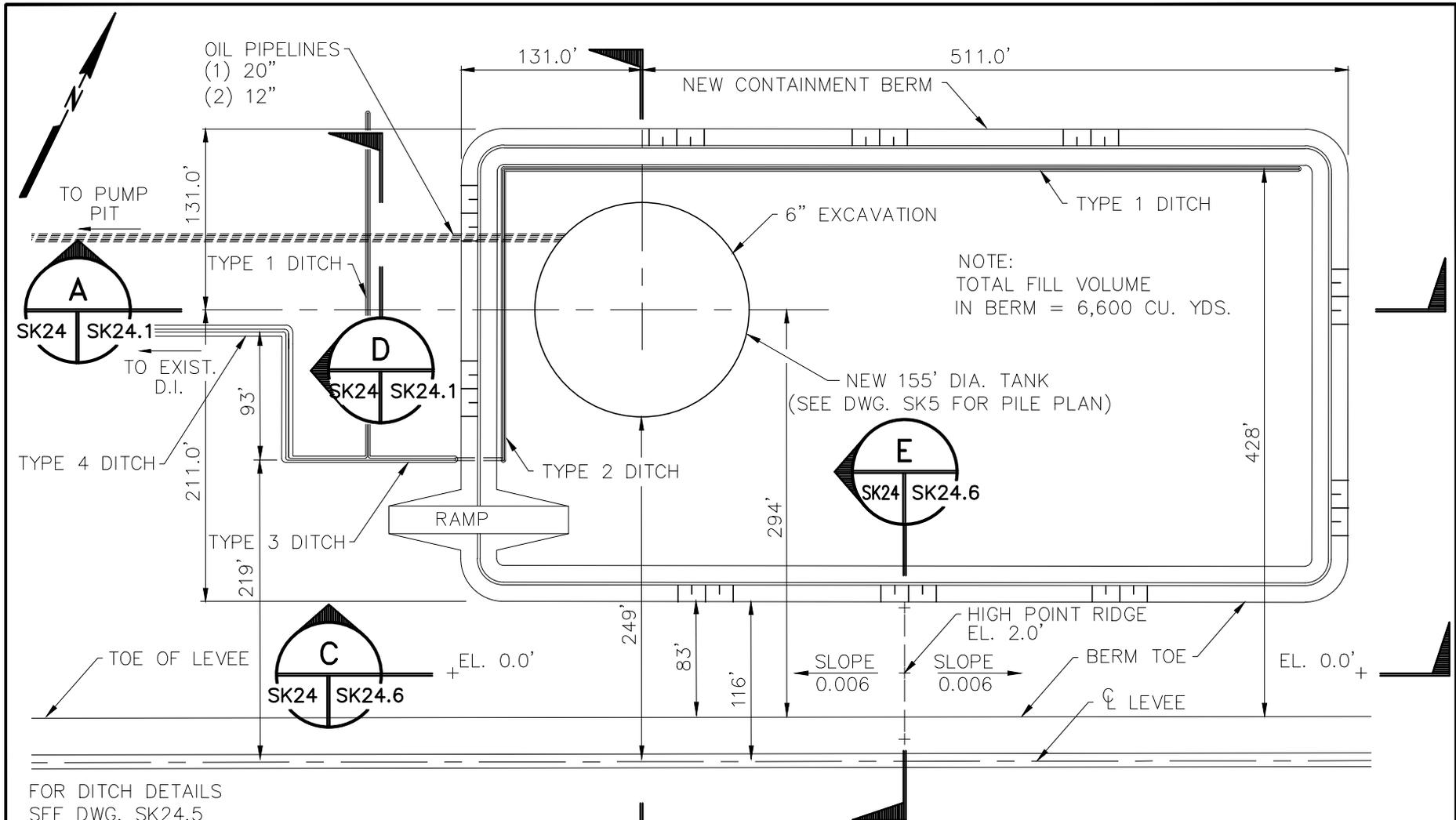
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 1200 ST. CHARLES AVE. NEW ORLEANS, LA.

BULK RESOURCES LOUISIANA, LLC
 PORT OF NEW ORLEANS CRUDE OIL PROJECT
 155' DIAMETER TANK

DATE	SCALE	JOB NO.	DRAWING NO.
1-7-13	SHOWN	20120095	SK24.7

PLOT DATE: 1/7/13 4:33 P.M.

ACAD FILE: 20120095SK24.DWG



FOR DITCH DETAILS
SEE DWG. SK24.5

NOTE:
SOILS REMOVED FOR THE
DITCHES AND SWALES WILL
BE USED IN THE CONTAINMENT
BERM.

TANK AND CONTAINMENT PLAN



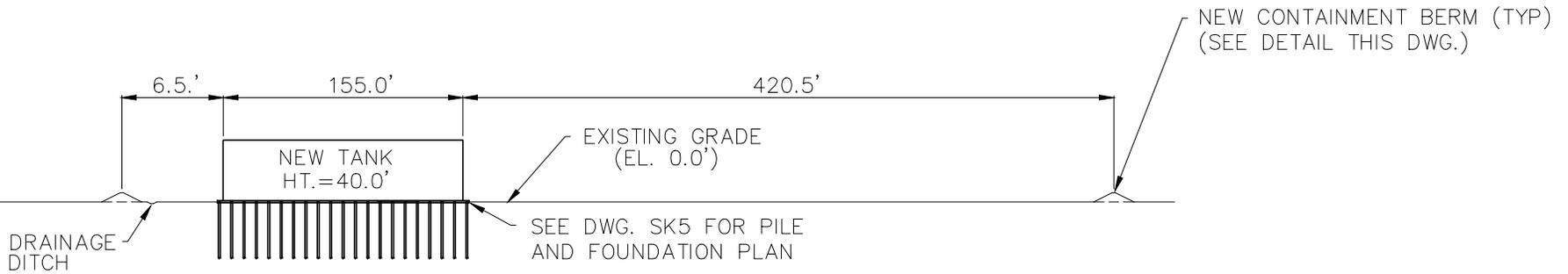
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BULK RESOURCES LOUISIANA, LLC
PORT OF NEW ORLEANS CRUDE OIL PROJECT
155' DIAMETER TANK

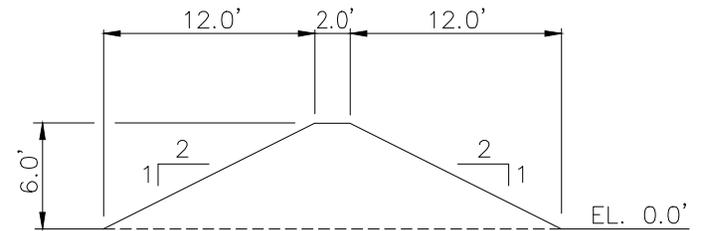
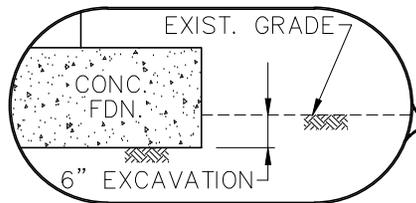
DATE	SCALE	JOB NO.	DRAWING NO.
1-7-13	SHOWN	20120095	SK24 rev1

PLOT DATE: 1/7/13 4:33 P.M.

ACAD FILE: 20120095SK24.DWG

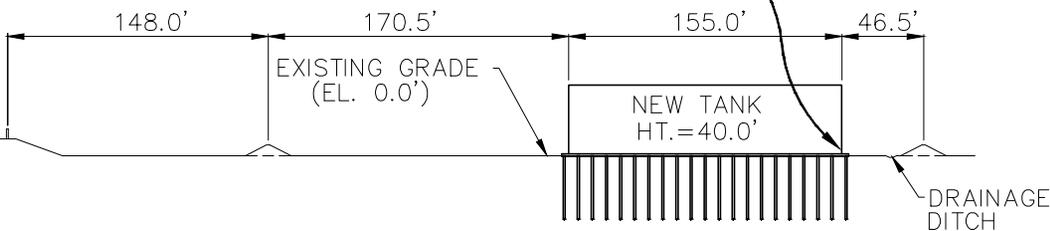


SECTION

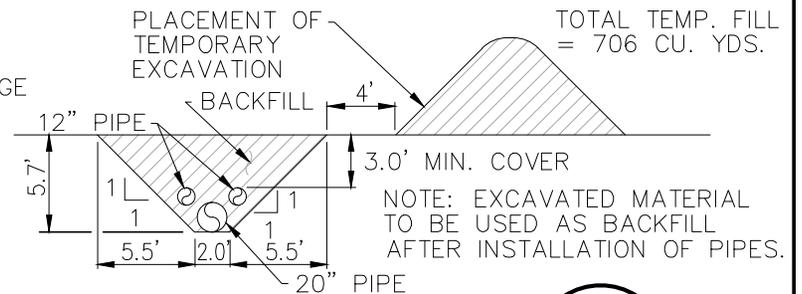


TYPICAL CONTAINMENT BERM DETAIL

SCALE: 1" = 10'



SECTION



SECTION

SCALE: 1" = 10'



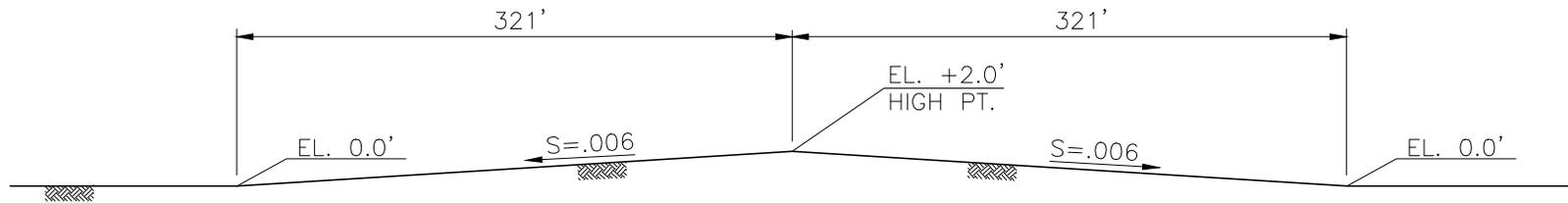
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BULK RESOURCES LOUISIANA, LLC
PORT OF NEW ORLEANS CRUDE OIL PROJECT
155' DIAMETER TANK

DATE	SCALE	JOB NO.	DRAWING NO.
1-7-13	SHOWN	20120095	SK24.1 rev.1

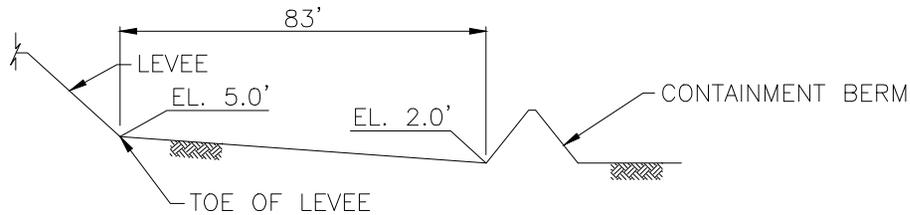
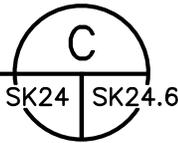
PLOT DATE: 1/7/13 4:33 P.M.

ACAD FILE: 20120095SK24.1.DWG



SECTION

SCALE: 1" = 100' HORIZ.
SCALE: 1" = 10' VERT.



SECTION

SCALE: 1" = 40' HORIZ.
SCALE: 1" = 20' VERT.



TOTAL FILL = 2,400 CU. YDS.
FOR HIGH POINT RIDGE



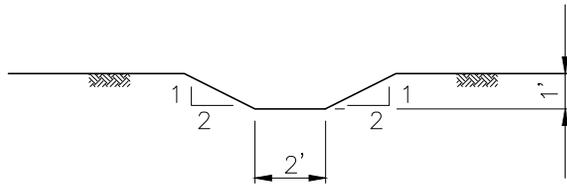
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BULK RESOURCES LOUISIANA, LLC
PORT OF NEW ORLEANS CRUDE OIL PROJECT
155' DIAMETER TANK

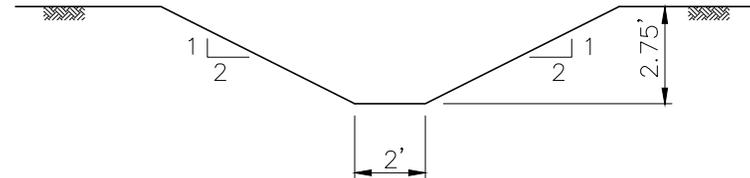
DATE	SCALE	JOB NO.	DRAWING NO.
4-9-13	SHOWN	20120095	SK24.6

PLOT DATE: 4/9/13 4:33 P.M.

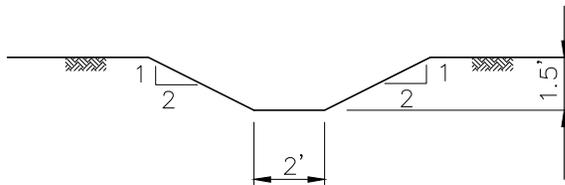
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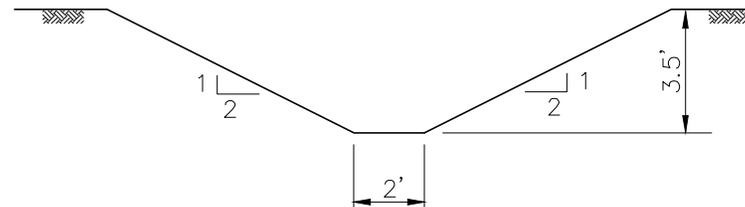
DITCH TYPE 1



DITCH TYPE 3



DITCH TYPE 2



DITCH TYPE 4



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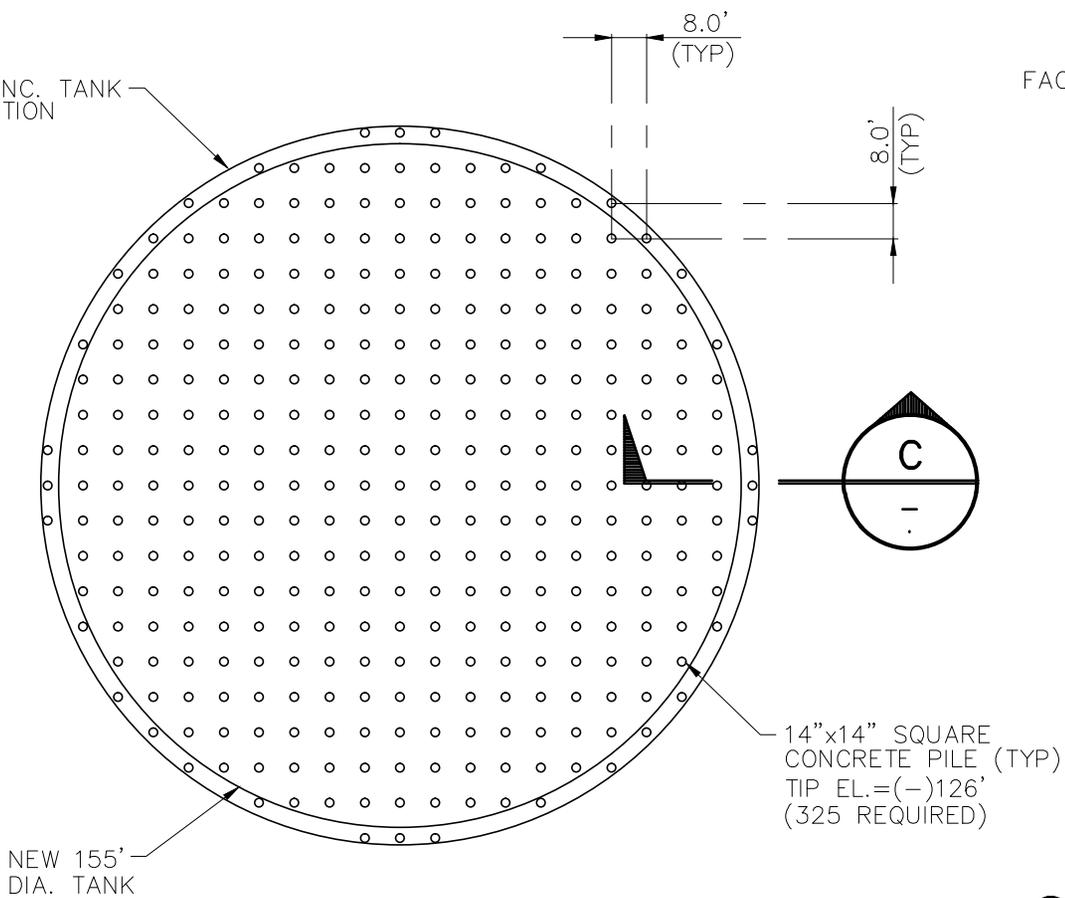
BULK RESOURCES LOUISIANA, LLC
PORT OF NEW ORLEANS CRUDE OIL PROJECT
155' DIAMETER TANK

DATE	SCALE	JOB NO.	DRAWING NO.
4-5-13	SHOWN	20120095	SK24.5

PLOT DATE: 4/5/13 4:33 P.M.

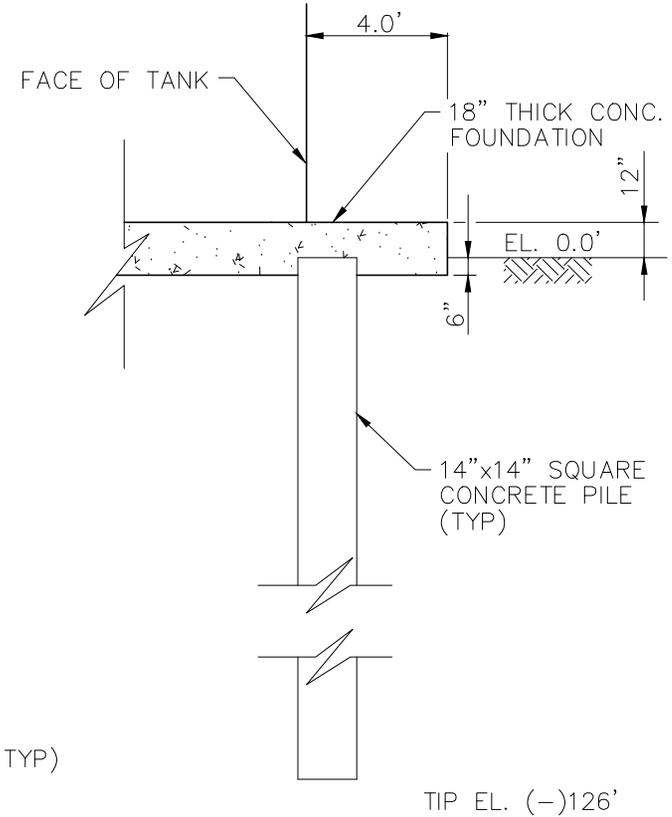
ACAD FILE: 20120095SK24.5.DWG

163' CONC. TANK FOUNDATION

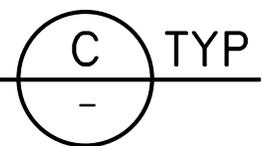


NEW 155' DIA. TANK

14"x14" SQUARE CONCRETE PILE (TYP)
TIP EL. = (-)126'
(325 REQUIRED)



SECTION



SCALE: 1" = 5'

PILE AND FOUNDATION PLAN



NOTE:
APPROX. 6" EXCAVATION FOR TANK
= ±386 CU. YDS.
EXCAVATED MATERIAL TO BE USED ONSITE
TO FILL CONSTRUCTION RUTTING, ETC.



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**BULK RESOURCES LOUISIANA, LLC
PORT OF NEW ORLEANS CRUDE OIL PROJECT
155' DIAMETER TANK**

DATE	SCALE	JOB NO.	DRAWING NO.
1-7-13	SHOWN	20120095	SK24.2

PLOT DATE: 1/7/13 4:33 P.M.

ACAD FILE: 20120095SK24.2.DWG

GRADE EL. -1.0' (±)



VERY SOFT GRAY CLAY

GRADE EL. -43'

GRADE EL. -50'

VERY SOFT GRAY SANDY CLAY

GRADE EL. -58'

SOFT GRAY CLAY

MEDIUM STIFF GRAY CLAY

GRADE EL. -82'

LOOSE TO MEDIUM SANDY SILT AND
LOOSE TO MEDIUM CLAYEY SILT

GRADE EL. -98'

STIFF GRAY CLAY

GRADE EL. -147'

SOIL PROFILE SUMMARY – TANK FOUNDATION



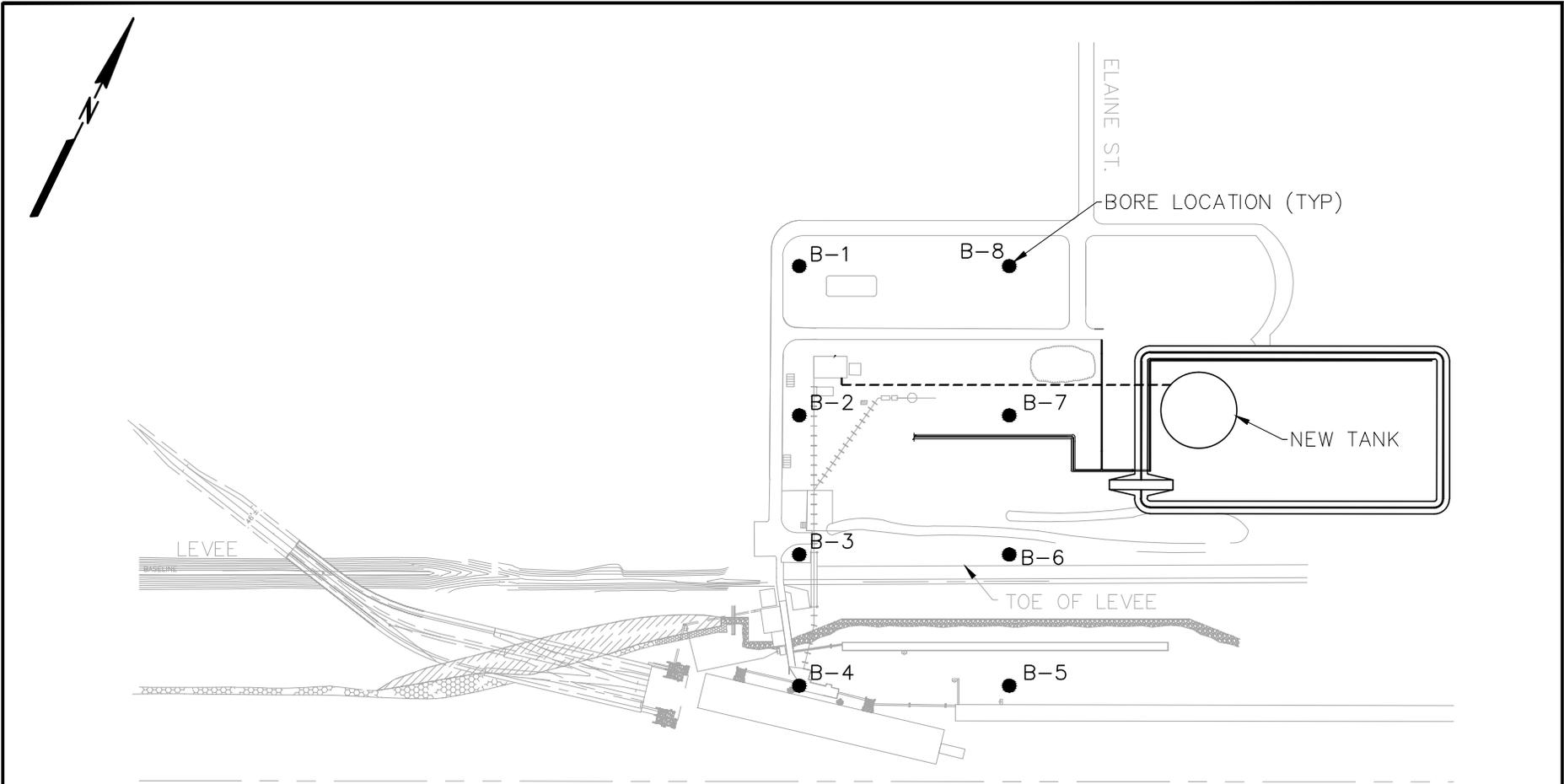
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155' DIAMETER TANK

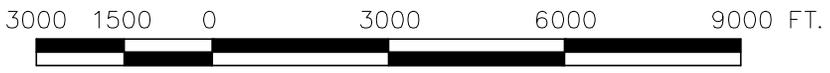
DATE	SCALE	JOB NO.	DRAWING NO.
1-15-13	N.T.S.	20120095	SK24.3

PLOT DATE: 1/15/13 4:20 P.M.

ACAD FILE: 20120095SK24.3.DWG



SOIL BORING LOCATION PLAN



NOTE:
BORING NUMBERS CORRESPOND
TO ATTACHED FIGURE BY
EUSTIS ENGINEERING.



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BULK RESOURCES LOUISIANA, LLC PORT OF NEW ORLEANS CRUDE OIL PROJECT 155' DIAMETER TANK

DATE	SCALE	JOB NO.	DRAWING NO.
1-7-13	SHOWN	20120095	SK24.4

PLOT DATE: 1/7/13 4:33 P.M.

ACAD FILE: 20120095SK24.4.DWG