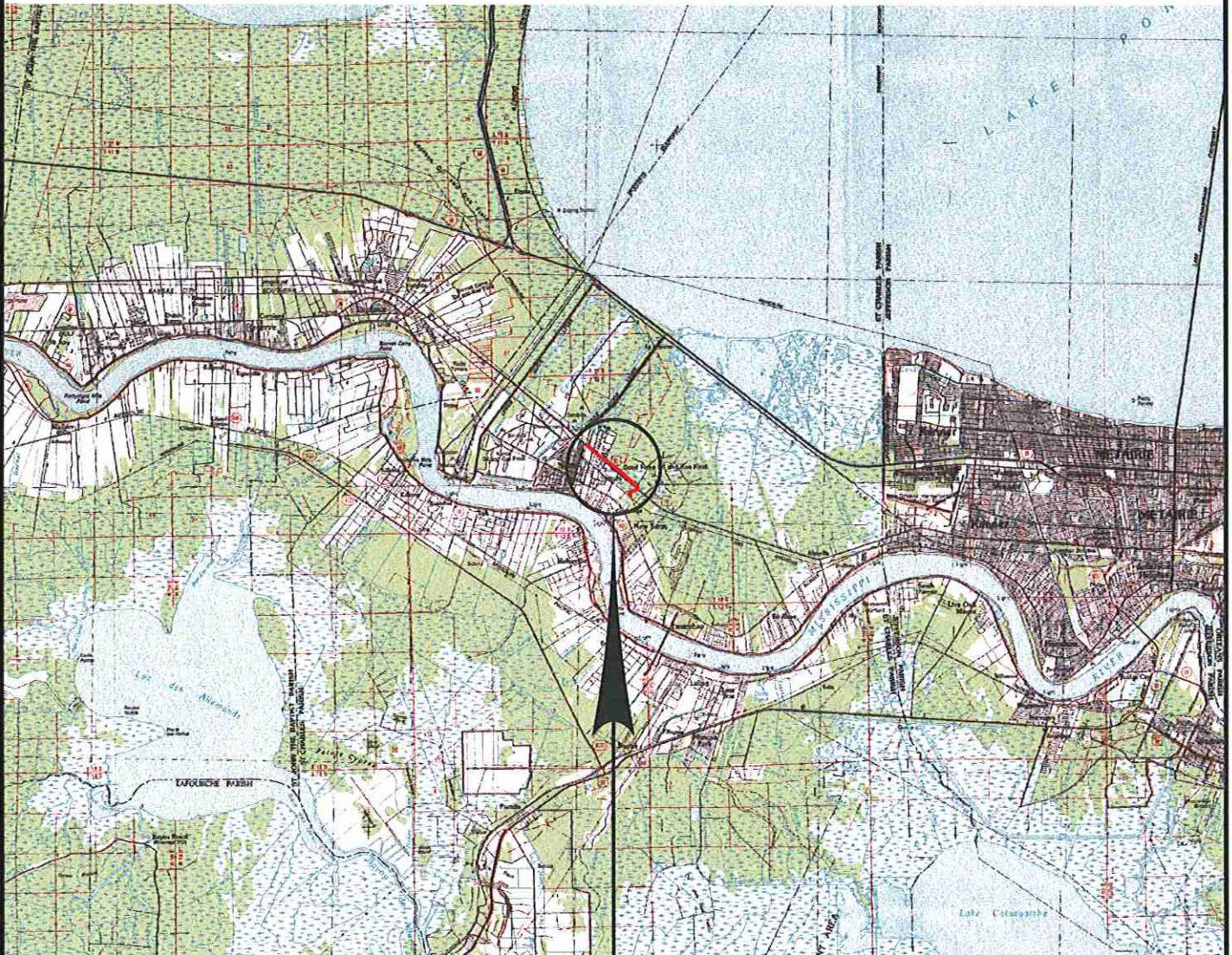


NOTE: THE PROJECT SITE IS LOCATED APPROXIMATELY 1.5 MILES NORTHEASTERLY OF NORCO, LOUISIANA



PROJECT LOCATION

GRAPHIC SCALE



AIR PRODUCTS

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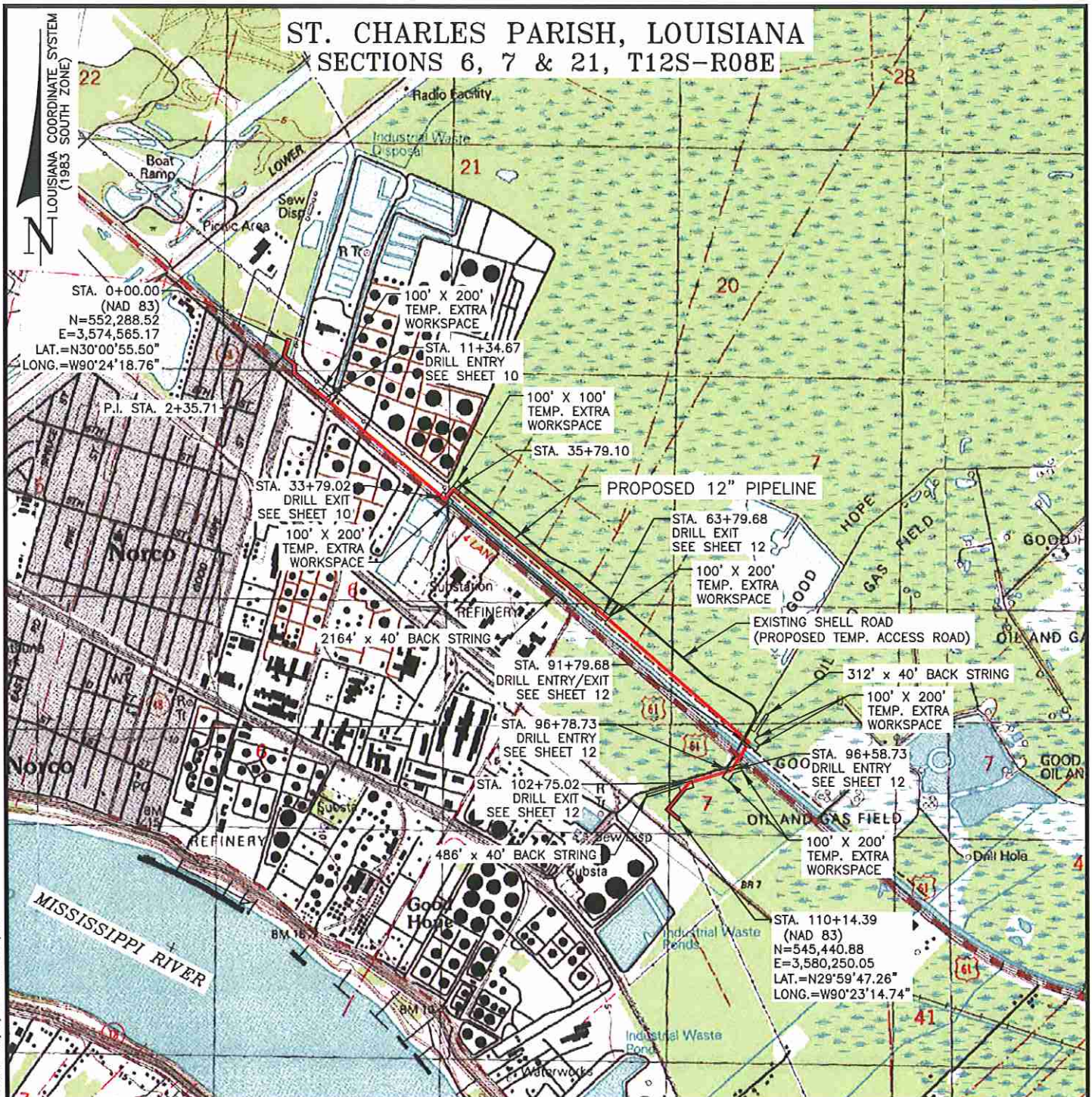
**TOTAL
SAFETY™**

AIR PRODUCTS AND CHEMICALS, INC.

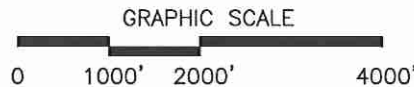
VICINITY MAP PROPOSED 12" PIPELINE FROM APCI METER SITE TO VALERO ST. CHARLES IN NORCO

SCALE: AS SHOWN	DATE	APCI PROJECT	APCI DRAWING NO
DRAWN BY: KDT	11/23/11	20018405 / Z704	EN-11-3056
CHECKED BY: GML	11/23/11		1
APPROVED BY: MKC	11/23/11	MPH PROJECT	MPH DWG
REVISION BY:		11028	11028COE0001A0

ST. CHARLES PARISH, LOUISIANA SECTIONS 6, 7 & 21, T12S-R08E



NO ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; THEREFORE, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE PROJECT.



NOTE: THIS PLAT WAS PREPARED FOR PERMITTING PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

AIR PRODUCTS

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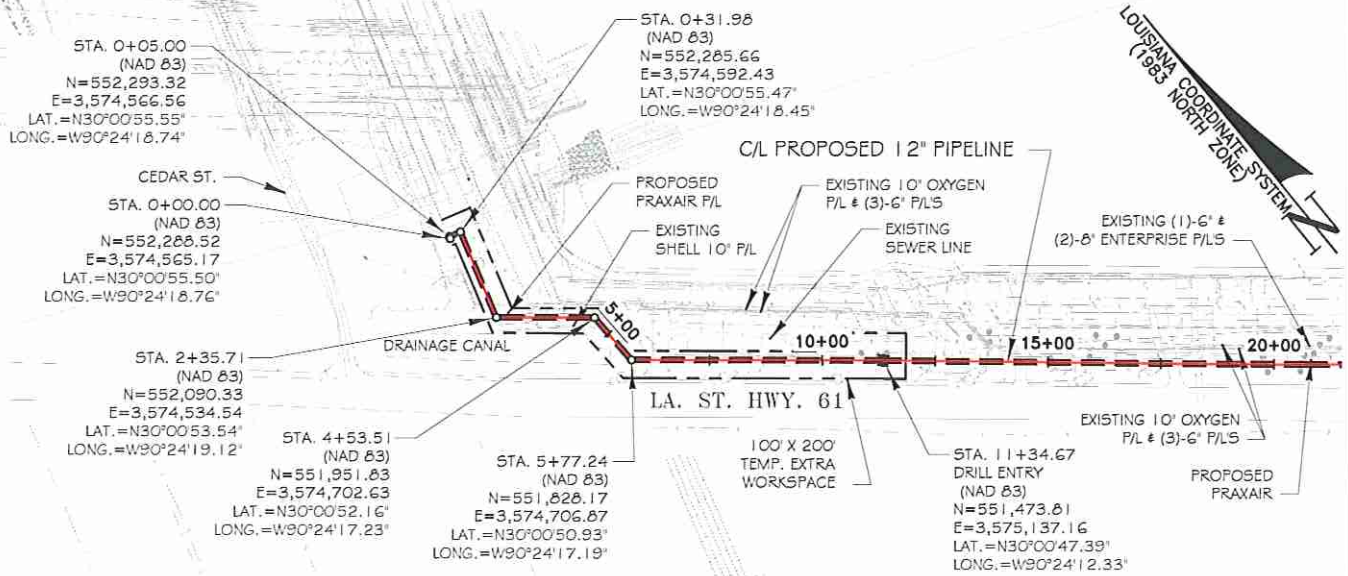
TOTAL SAFETY

AIR PRODUCTS AND CHEMICALS, INC.

**PLAN VIEW
PROPOSED 12" PIPELINE FROM APCI METER
SITE TO VALERO ST. CHARLES IN NORCO**

SCALE: 1"=2000'	DATE	APCI PROJECT	APCI DRAWING NO
DRAWN BY: MAS	11/23/11	20018405 / Z704	EN-11-3056
CHECKED BY: GML	11/23/11		2
APPROVED BY: MKC	11/23/11	MPH PROJECT	MPH DWG
REVISION BY:		11028	11028COE0002A0

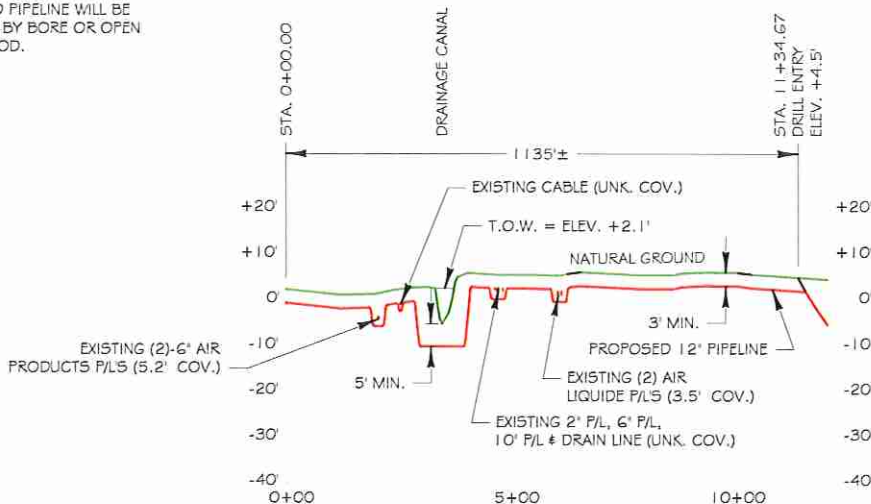
ST. CHARLES PARISH, LOUISIANA SECTIONS 6, 7 & 21, T12S-R08E



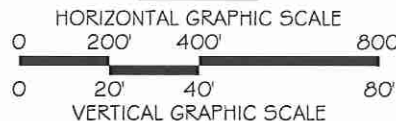
NOTE:

- PROPOSED PIPELINE WILL BE INSTALLED BY BORE OR OPEN CUT METHOD.

PLAN



PROFILE



NO ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; THEREFORE, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE PROJECT.

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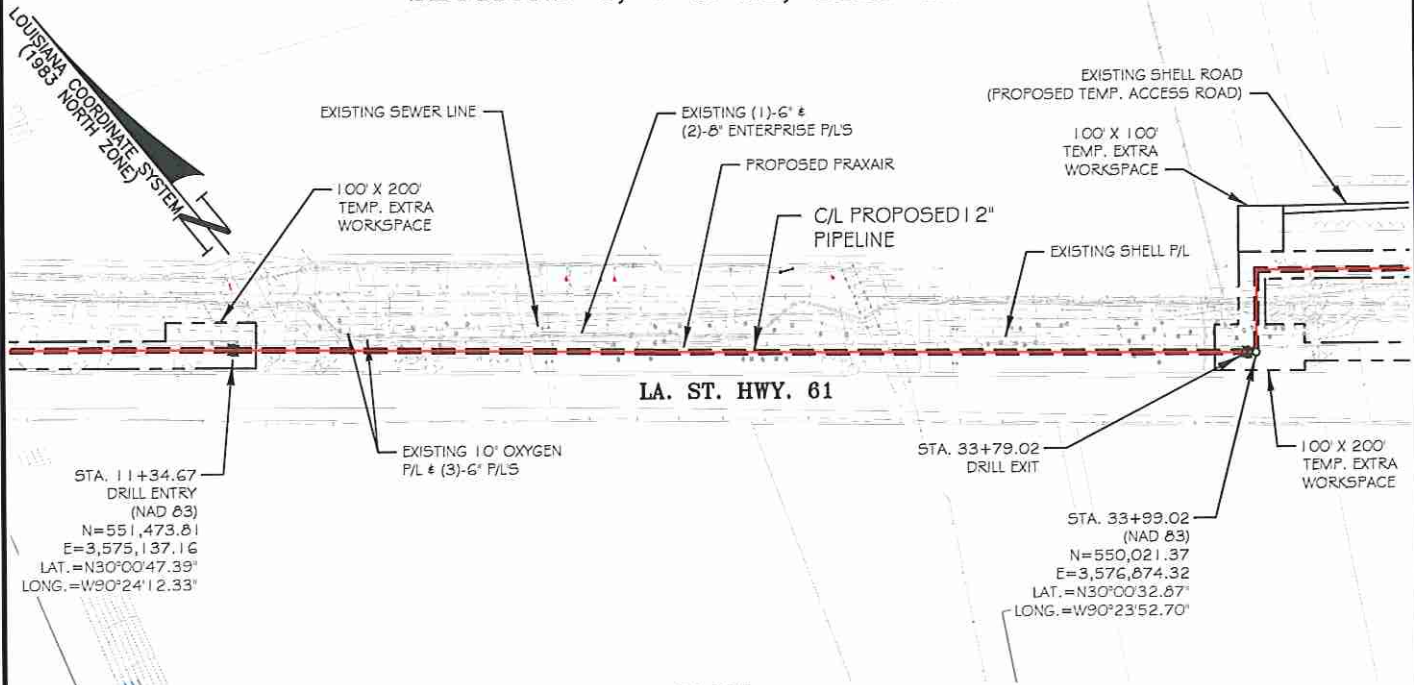
**TOTAL
SAFETY™**

AIR PRODUCTS AND CHEMICALS, INC.

BORE OR OPEN CUT INSTALLATION STA. 0+00.00 TO STA. 11+34.67 ST. CHARLES PARISH, LOUISIANA

SCALE: AS SHOWN	DATE	APCI PROJECT	APCI DRAWING NO
DRAWN BY: MAS	11/23/11	20018405 / Z704	EN-11-3056
CHECKED BY: GML	11/23/11		3
APPROVED BY: MKC	11/23/11	MPH PROJECT	MPH DWG
REVISION BY:		11028	11028COE0003AO

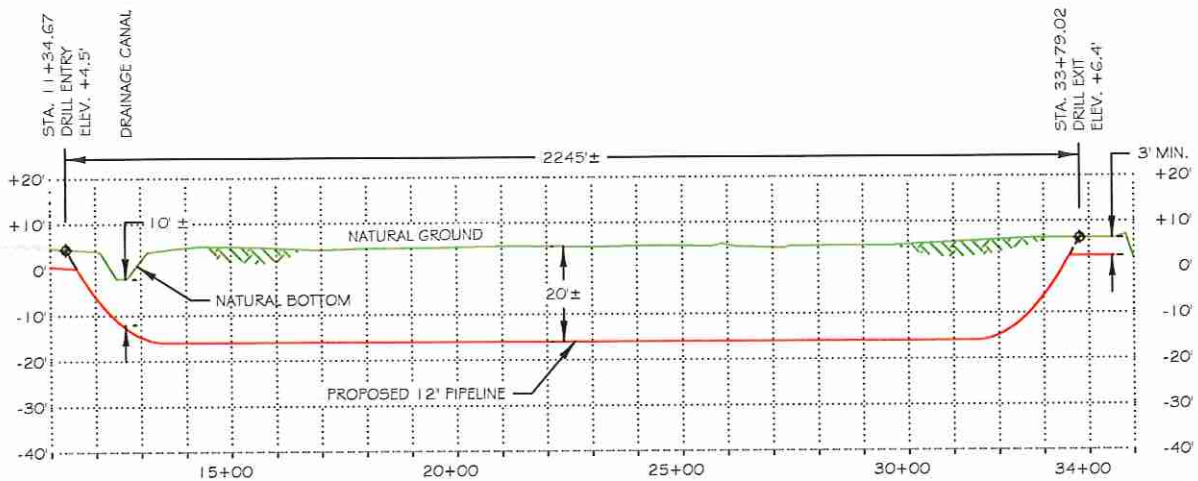
ST. CHARLES PARISH, LOUISIANA SECTIONS 6, 7 & 21, T12S-R08E



NOTE:

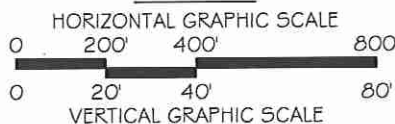
1. PROPOSED PIPELINE WILL BE INSTALLED BY HORIZONTAL DIRECTIONAL DRILL METHOD.

PLAN



PROFILE

NO ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; THEREFORE, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE PROJECT.



THIS PLAT WAS PREPARED FOR PERMITTING PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

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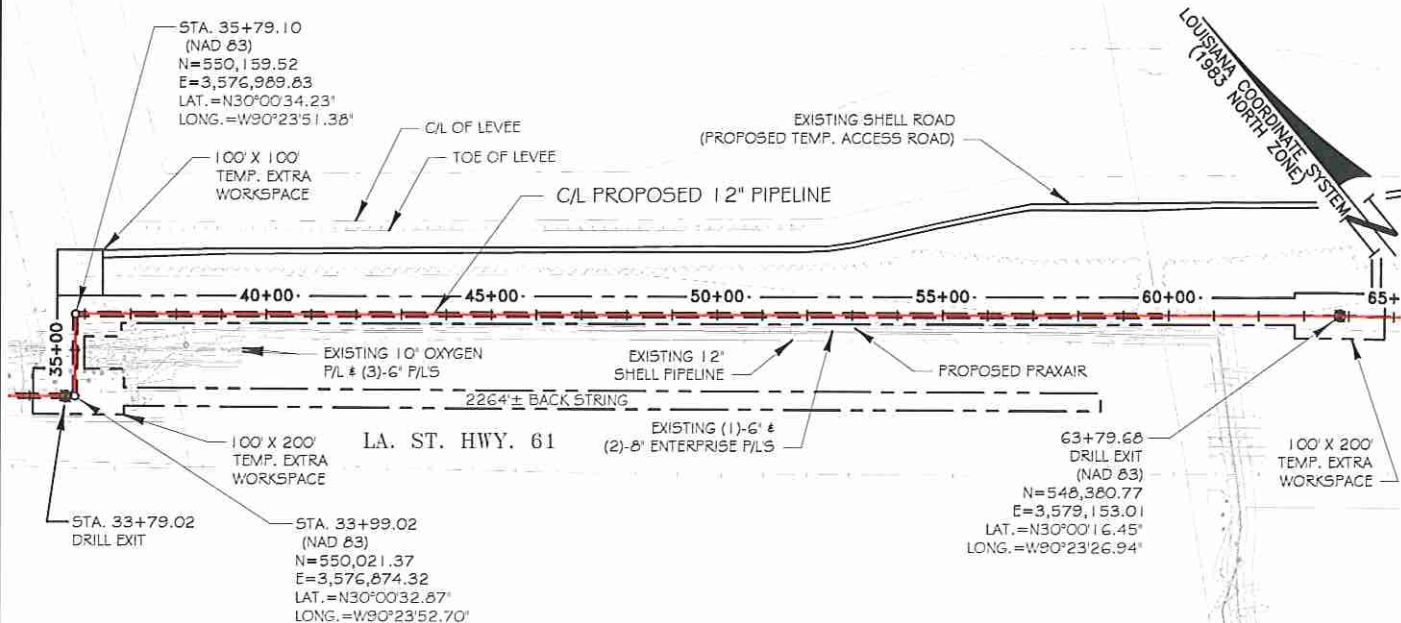
**TOTAL
SAFETY™**

AIR PRODUCTS AND CHEMICALS, INC.

**HORIZONTAL DIRECTIONAL DRILL
STA. 11+34.67 TO STA. 33+79.02
ST. CHARLES PARISH, LOUISIANA**

SCALE: AS SHOWN	DATE	APCI PROJECT	APCI DRAWING NO
DRAWN BY: MAS	11/23/11	20018405 / Z704	EN-11-3056
CHECKED BY: GML	11/23/11		4
APPROVED BY: MKC	11/23/11	MPH PROJECT	MPH DWG
REVISION BY:		11028	11028COE0004A0

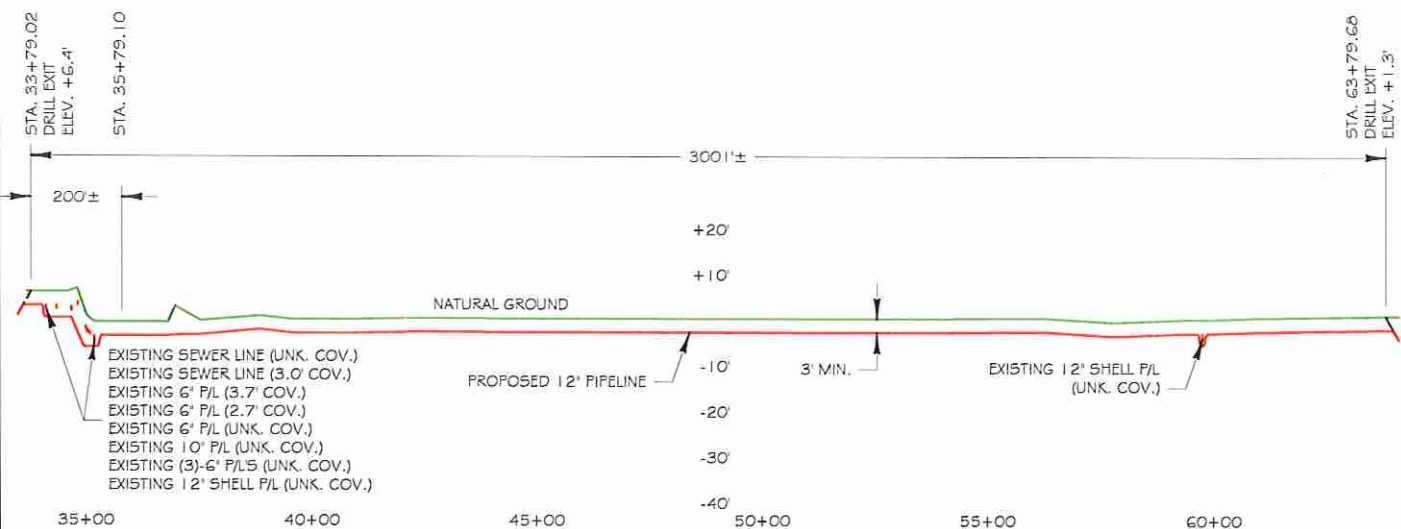
ST. CHARLES PARISH, LOUISIANA SECTIONS 6, 7 & 21, T12S-R08E



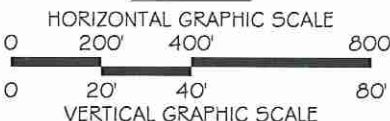
NOTE:

1. PROPOSED PIPELINE WILL BE INSTALLED BY BORE OR OPEN CUT METHOD.

PLAN



PROFILE



NO ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; THEREFORE, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE PROJECT.

THIS PLAT WAS PREPARED FOR PERMITTING PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

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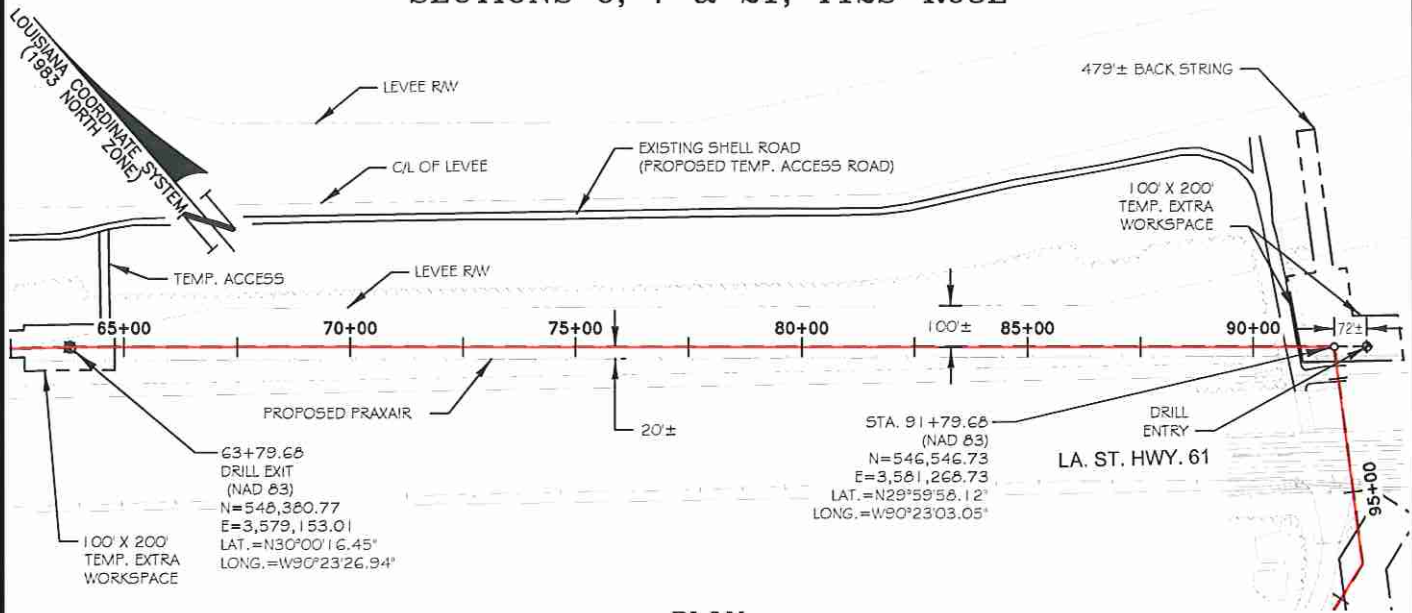
TOTAL SAFETY

AIR PRODUCTS AND CHEMICALS, INC.

BORE OR OPEN CUT INSTALLATION STA. 33+79.02 TO STA. 63+79.68 ST. CHARLES PARISH, LOUISIANA

SCALE: AS SHOWN	DATE	APCI PROJECT	APCI DRAWING NO
DRAWN BY: MAS	11/23/11	20018405 / Z704	EN-11-3056
CHECKED BY: GML	11/23/11		5
APPROVED BY: MKC	11/23/11	MPH PROJECT	MPH DWG
REVISION BY:		11028	11028COE0005A0

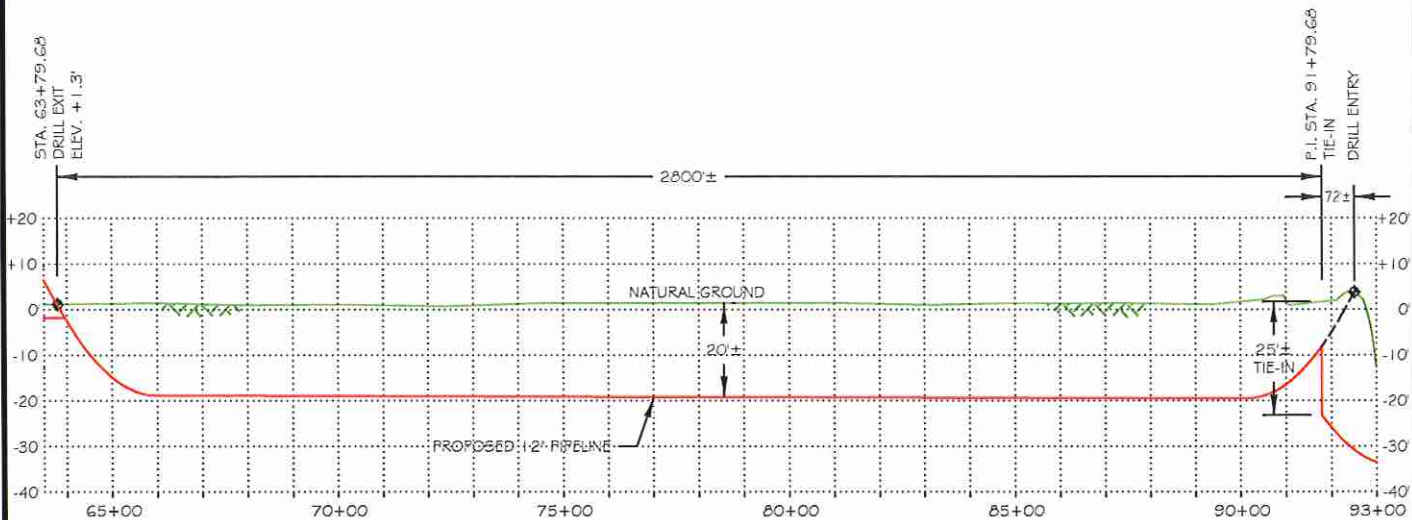
ST. CHARLES PARISH, LOUISIANA SECTIONS 6, 7 & 21, T12S-R08E



PLAN

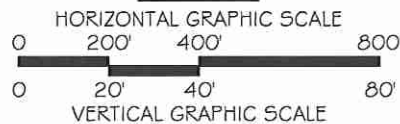
NOTE:

1. PROPOSED PIPELINE WILL BE INSTALLED BY HORIZONTAL DIRECTIONAL DRILL METHOD.



PROFILE

NO ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; THEREFORE, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE PROJECT.



THIS PLAT WAS PREPARED FOR PERMITTING PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

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AIR PRODUCTS AND CHEMICALS, INC.

**HORIZONTAL DIRECTIONAL DRILL
STA. 63+79.68 TO STA. 91+79.68
ST. CHARLES PARISH, LOUISIANA**

SCALE: AS SHOWN	DATE	APCI PROJECT	APCI DRAWING NO
DRAWN BY: MAS	11/23/11	20018405 / Z704	EN-11-3056
CHECKED BY: GML	11/23/11		6
APPROVED BY: MKC	11/23/11	MPH PROJECT	MPH DWG
REVISION BY:		11028	11028C0E0006A0

w:\dwg\11028\Permits\11028COE0007A0.dwg PLOT DATE: 12/7/11 9:43:31am



- NO ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; THEREFORE, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE PROJECT.



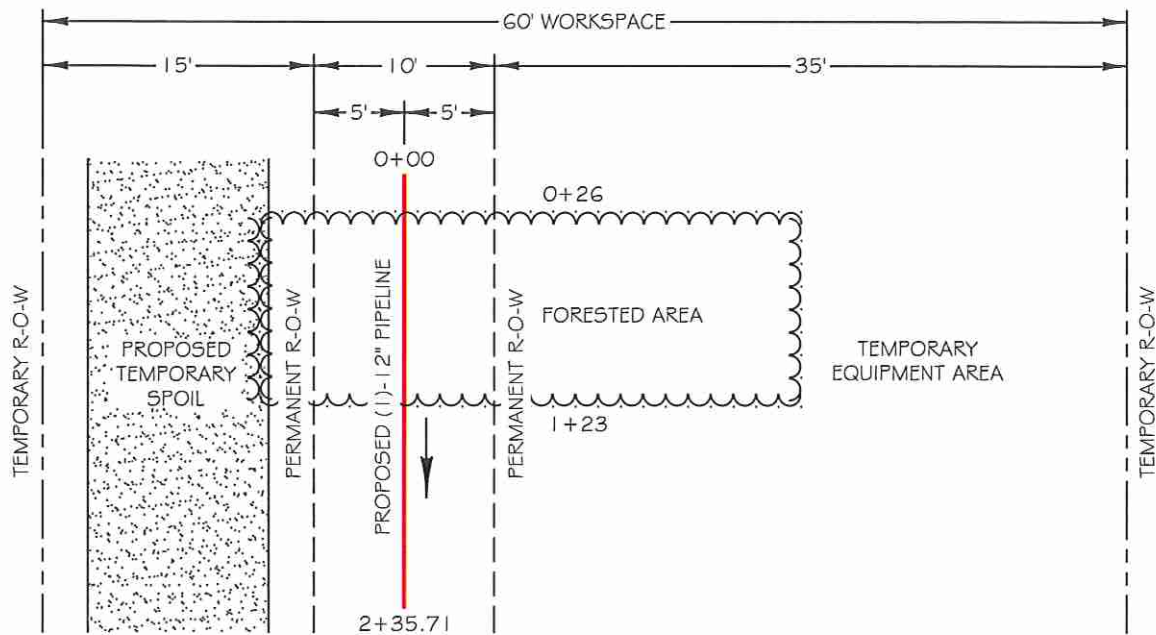
THIS PLAT WAS PREPARED FOR PERMITTING PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.



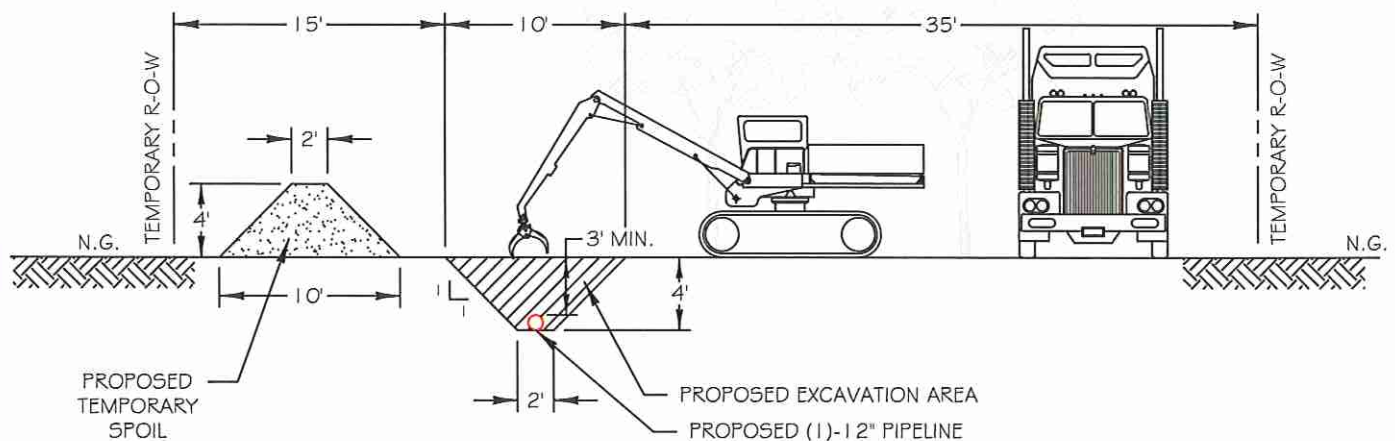
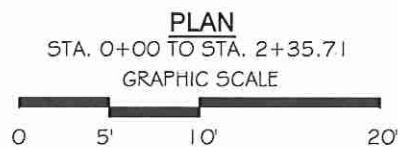
**TOTAL
SAFETY™**

**BORE OR OPEN CUT INSTALLATION
STA. 91+79.68 TO STA. 110+14.39
ST. CHARLES PARISH, LOUISIANA**

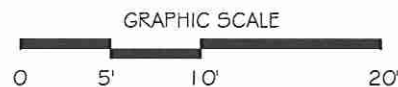
SCALE: AS SHOWN	DATE	APCI PROJECT	APCI DRAWING NO
DRAWN BY: MAS	11/23/11	20018405 / Z704	EN-11-3056
CHECKED BY: GML	11/23/11		7
APPROVED BY: MKC	11/23/11	MPH PROJECT	MPH DWG
REVISION BY:		11028	11028C0E0007A0



NOTES:
APPROXIMATELY 210 CU. YDS. OF
MATERIAL TO BE EXCAVATED FOR
CONSTRUCTION OF PIPELINES
BETWEEN STA. 0+00 & STA.
2+35.71



PROFILE
STA. 0+00 TO STA. 2+35.71



AIR PRODUCTS

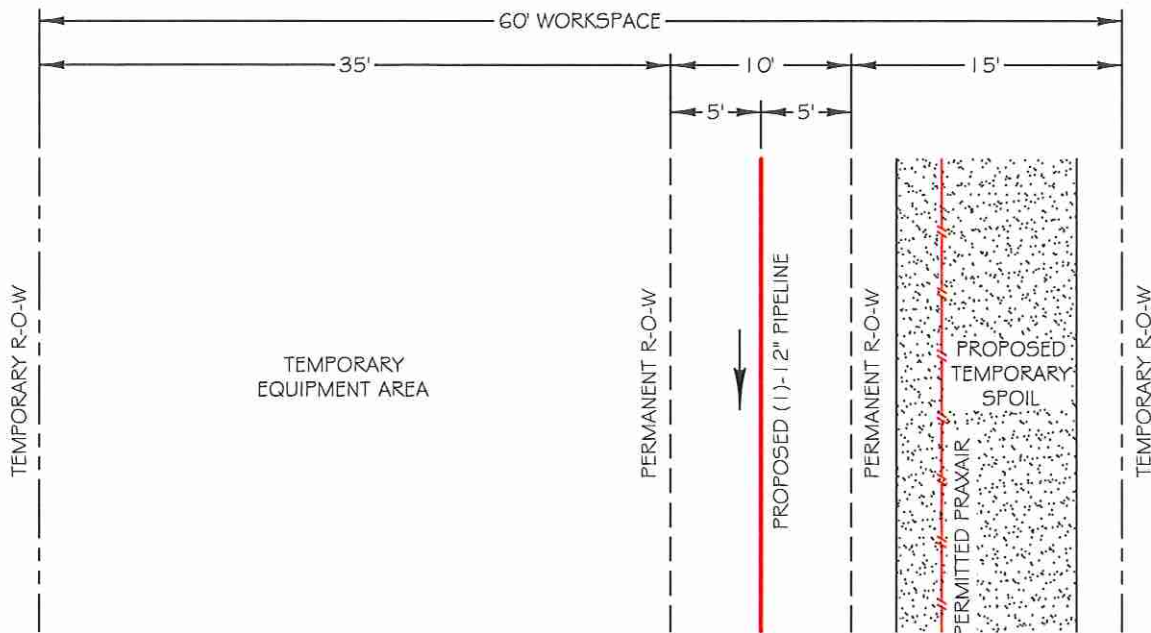
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AIR PRODUCTS AND CHEMICALS, INC.

**OPEN CUT INSTALLATION
PROPOSED 12" PIPELINE FROM APCI METER
SITE TO VALERO ST. CHARLES IN NORCO**

SCALE: AS SHOWN	DATE	APCI PROJECT	APCI DRAWING NO
DRAWN BY: MAS	11/23/11	20018405	EN-11-3056
CHECKED BY: GML	11/23/11		8
APPROVED BY: MKC	11/23/11	MPH PROJECT	MPH DWG
REVISION BY:		11028	11028CCE0008A0



PLAN

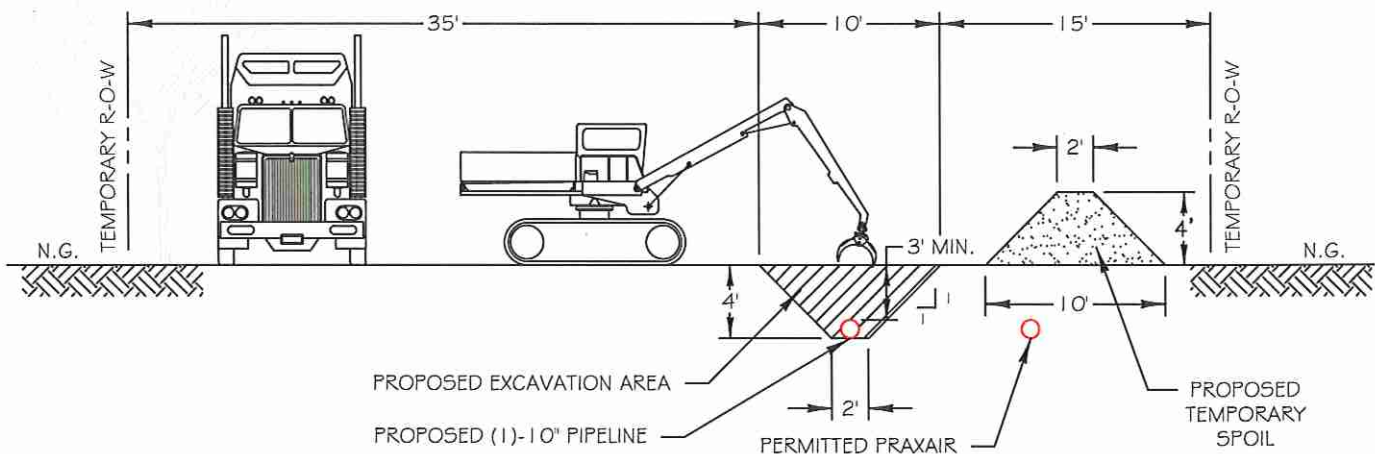
STA. 2+35.71 TO STA. 11+34.67

GRAPHIC SCALE



NOTES:

APPROXIMATELY 800 CU. YDS. OF MATERIAL TO BE EXCAVATED FOR CONSTRUCTION OF PIPELINES BETWEEN STA. 2+35.71 & STA. 11+34.67



PROFILE

STA. 2+35.71 TO STA. 11+34.67

GRAPHIC SCALE



AIR PRODUCTS

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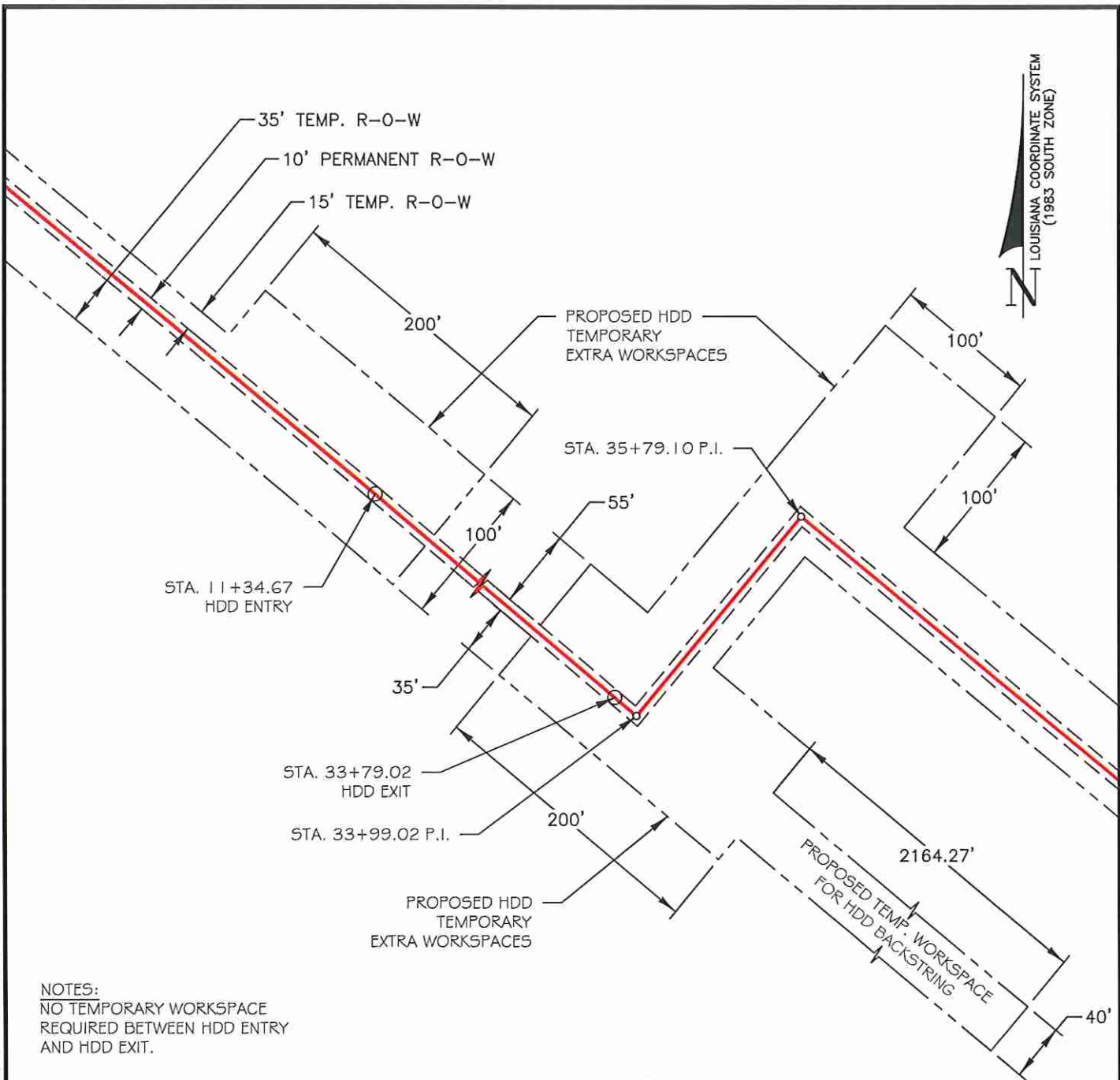
**TOTAL
SAFETY™**

AIR PRODUCTS AND CHEMICALS, INC.

OPEN CUT INSTALLATION PROPOSED 12" PIPELINE FROM APCI METER SITE TO VALERO ST. CHARLES IN NORCO

SCALE: NONE	DATE	APCI PROJECT	APCI DRAWING NO
DRAWN BY: MAS	11/23/11	20018405 / Z704	EN-11-3056
CHECKED BY: GML	11/23/11		9
APPROVED BY: MKC	11/23/11	MPH PROJECT	MPH DWG
REVISION BY:		11028	11028C0E0009A0

w:\dwg\11028\Permits\11028COE0010A0.dwg PLOT DATE: 12/7/11 10:22:22am



NOTES:
NO TEMPORARY WORKSPACE
REQUIRED BETWEEN HDD ENTRY
AND HDD EXIT.

STA. 11+34.67 TO STA. 33+79.02

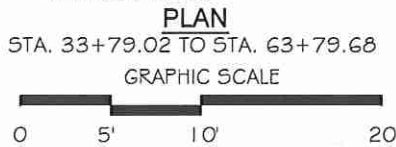
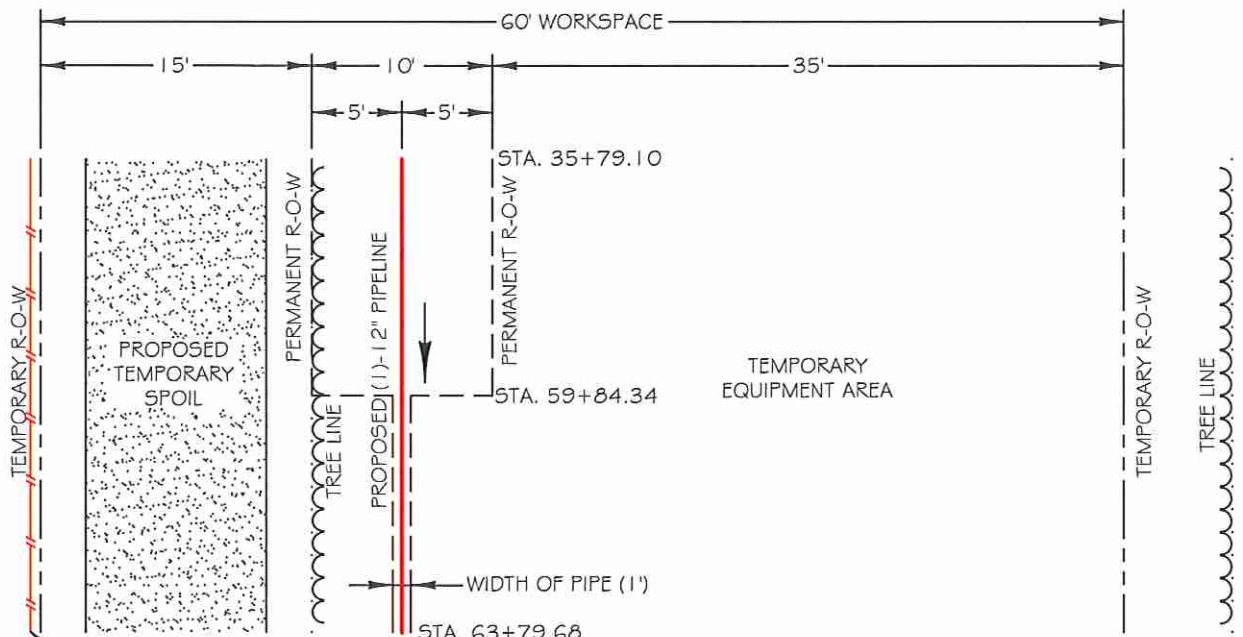
PLAN

GRAPHIC SCALE

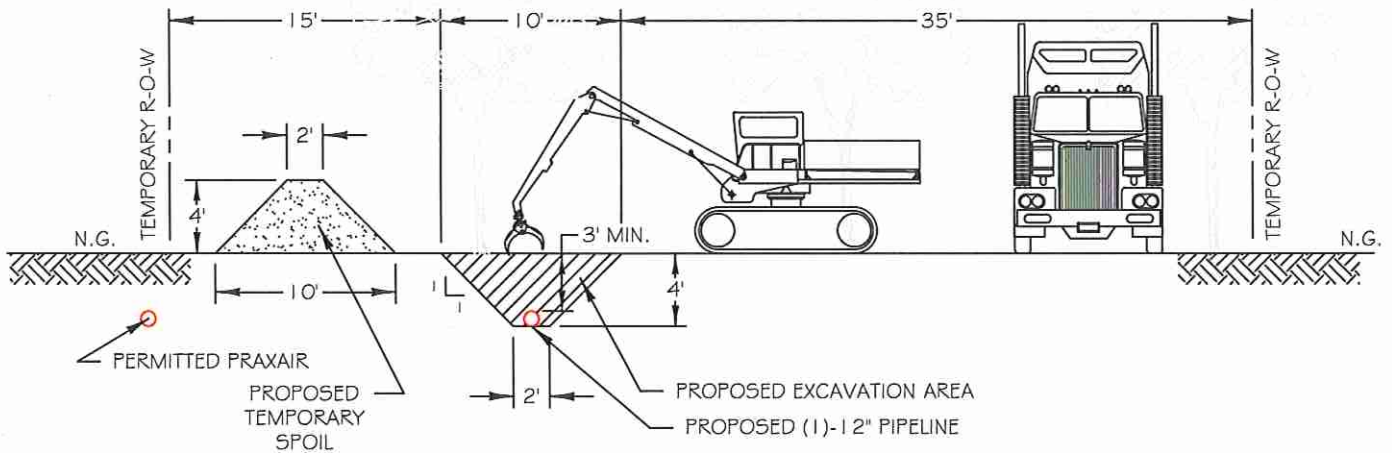


AIR PRODUCTS 7201 HAMILTON BOULEVARD ALLENTOWN, PA 18195-1501 © Air Products and Chemicals, Inc., 1990 All rights reserved Unpublished				AIR PRODUCTS AND CHEMICALS, INC. HDD TEMPORARY EXTRA WORKSPACES PROPOSED 12" PIPELINE FROM APCI METER SITE TO VALERO ST. CHARLES IN NORCO			
SCALE: AS SHOWN		DATE: 11/23/11		APCI PROJECT: 20018405 / Z704		APCI DRAWING NO: EN-11-3056 10	
DRAWN BY: MAS		11/23/11		APCI PROJECT: 20018405 / Z704		APCI DRAWING NO: EN-11-3056 10	
CHECKED BY: GML		11/23/11		APCI PROJECT: 20018405 / Z704		APCI DRAWING NO: EN-11-3056 10	
APPROVED BY:		11/23/11		MPH PROJECT		MPH DWG	
REVISION BY:				11028		11028COE0010A0	

TOTAL SAFETY

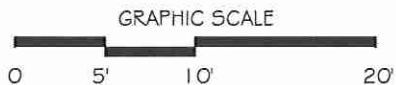


NOTES:
APPROXIMATELY 2668 CU. YDS.
OF MATERIAL TO BE EXCAVATED
FOR CONSTRUCTION OF PIPELINES
BETWEEN STA. 33+79.02 & STA.
63+79.68



PROFILE

STA. 33+79.02 TO STA. 63+79.68



AIR PRODUCTS

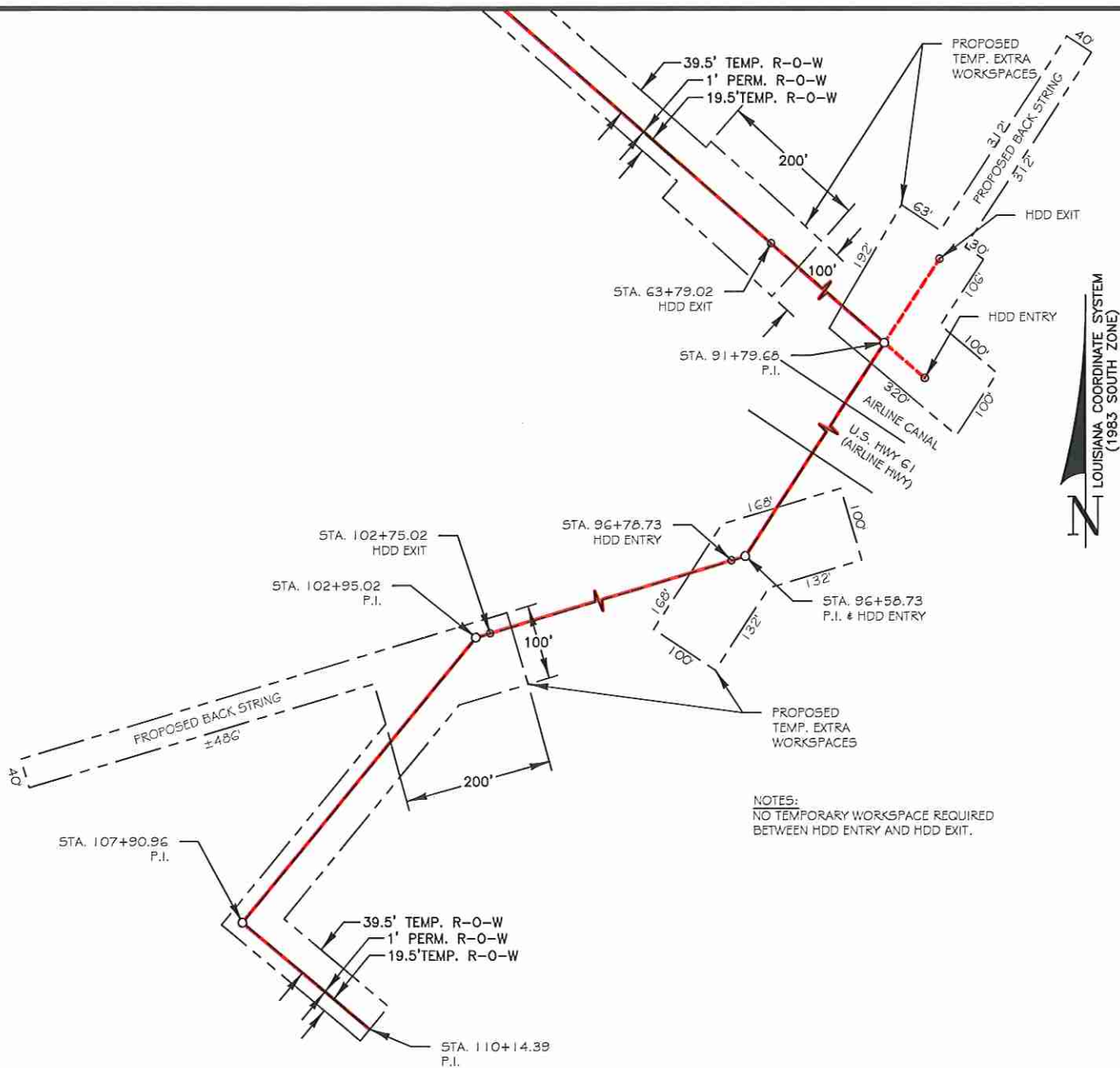
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**OPEN CUT INSTALLATION
PROPOSED 12" PIPELINE FROM APCI METER
SITE TO VALERO ST. CHARLES IN NORCO**

SCALE: AS SHOWN	DATE	APCI PROJECT	APCI DRAWING NO
DRAWN BY: MAS	11/23/11	20018405 / Z704	EN-11-3056
CHECKED BY: GML	11/23/11		11
APPROVED BY:	11/23/11	MPH PROJECT	MPH DWG
REVISION BY:		11028	11028C0E0011A0



STA. 63+79.02 TO STA. 102+95.02

PLAN

GRAPHIC SCALE



AIR PRODUCTS

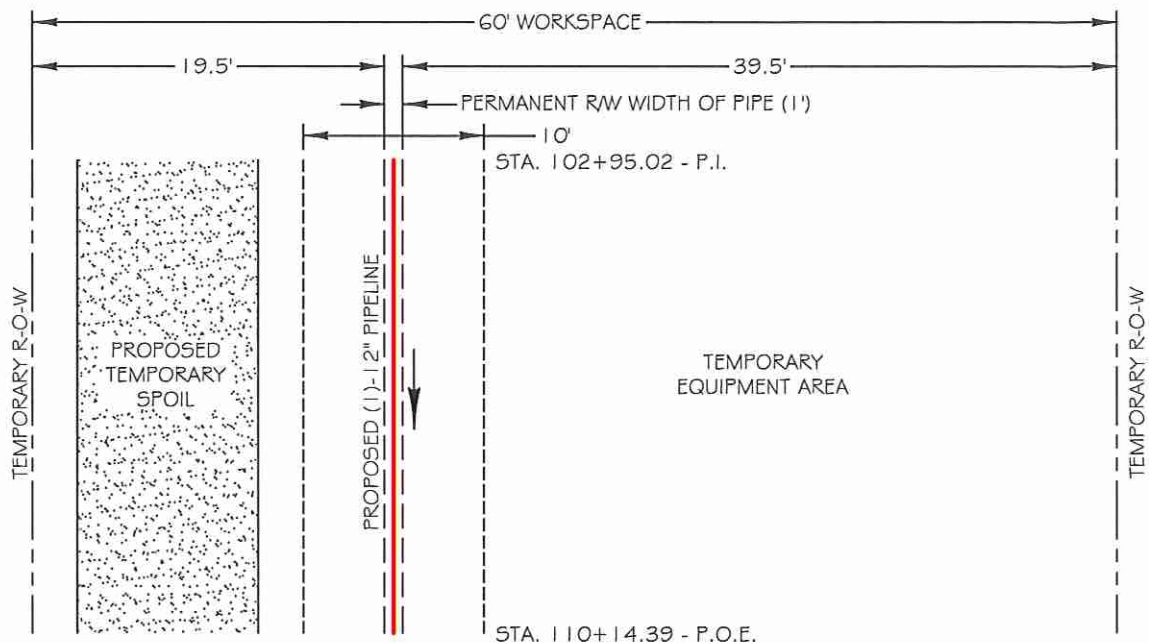
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TOTAL SAFETY

AIR PRODUCTS AND CHEMICALS, INC.

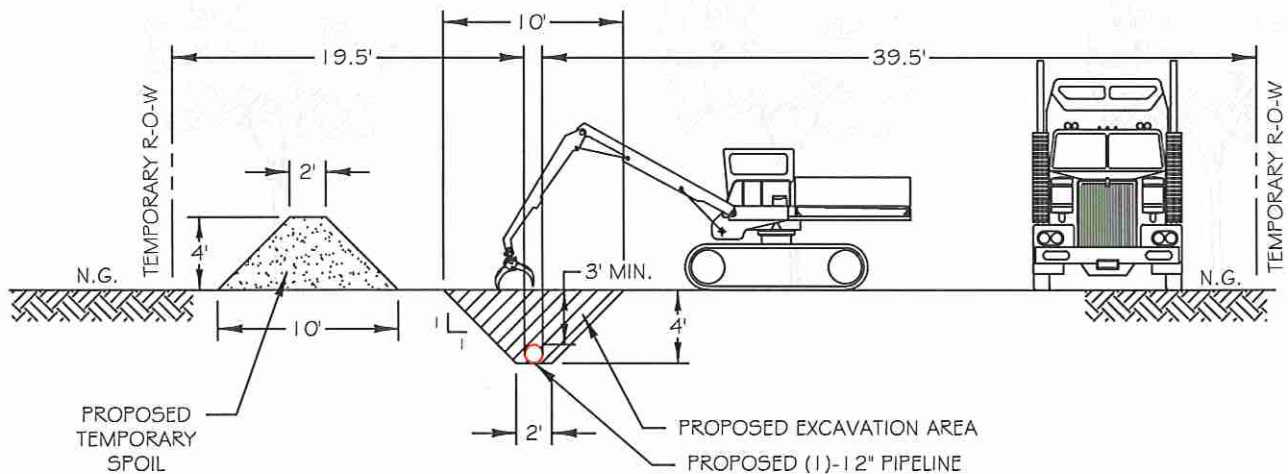
HDD TEMPORARY EXTRA WORKSPACES PROPOSED 12" PIPELINE FROM APCI METER SITE TO VALERO ST. CHARLES IN NORCO

SCALE: AS SHOWN	DATE	APCI PROJECT	APCI DRAWING NO
DRAWN BY: MAS	11/23/11	20018405 / Z704	EN-11-3056
CHECKED BY: GML	11/23/11		12
APPROVED BY:	11/23/11	MPH PROJECT	MPH DWG
REVISION BY:		11028	11028C0E0012A0



NOTES:
APPROXIMATELY 640 TOTAL CU.
YDS. OF MATERIAL TO BE
EXCAVATED FOR CONSTRUCTION
OF PIPELINES.

PLAN
STA. 102+95.02 TO STA. 110+14.39



PROFILE
STA. 102+95.02 TO STA. 110+14.39



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AIR PRODUCTS AND CHEMICALS, INC.

**OPEN CUT INSTALLATION
PROPOSED 12" PIPELINE FROM APCI METER
SITE TO VALERO ST. CHARLES IN NORCO**

SCALE: AS SHOWN	DATE	APCI PROJECT	APCI DRAWING NO
DRAWN BY: MAS	11/23/11	20018405 / Z704	EN-11-3056
CHECKED BY: GML	11/23/11		13
APPROVED BY: MKC	11/23/11	MPH PROJECT	MPH DWG
REVISION BY:		11028	11028C0E00013A0

IMPACT CALCULATIONS (ACRES)

	PERMANENT	TEMPORARY	TOTAL
CONSTRUCTION R/W	0.92	11.51	12.43
FORESTED WETLANDS	0.52	6.18	6.70
HERBACEOUS WETLANDS	0.09	0.89	0.98
OTHER WATERS	0.01	1.75	1.76
UPLANDS	0.30	2.69	2.99

EXCAVATION & FILL QUANTITIES (CUBIC YARDS)

TEMPORARY EXCAVATION	—	—	4318
TEMPORARY FILL (BACKFILL PIPEDITCH)	—	—	4318

**AIR
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AIR PRODUCTS AND CHEMICALS, INC.

CALCULATIONS PROPOSED 12" PIPELINE FROM APCI METER SITE TO VALERO ST. CHARLES IN NORCO

SCALE: NONE	DATE	APCI PROJECT	APCI DRAWING NO
DRAWN BY: MAS	11/23/11	20018405 / Z704	EN-11-3056
CHECKED BY: GML	11/23/11		14
APPROVED BY:	11/23/11	MPH PROJECT	MPH DWG
REVISION BY:		11028	11028COE00014A0

1. ALL STRUCTURES, FACILITIES, WELL, AND PIPELINES/FLOWLINES OCCURRING IN OPEN WATER AREAS OR IN OILFIELD CANALS OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE COASTAL MANAGEMENT DIVISION. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED, FOR SUCH REMOVAL ACTIVITIES.
2. AS-BUILT DRAWINGS SHALL BE SUBMITTED WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, COASTAL MANAGEMENT DIVISION, P.O. BOX 44487, BATON ROUGE, LA. 70804-4487.
3. STRUCTURES WILL BE MARKED/LIGHTED IN ACCORDANCE WITH U.S. COAST GUARD REGULATIONS.
4. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT THE LOUISIANA ONE-CALL SYSTEM (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.

 <p>AIR PRODUCTS</p> <p>7201 HAMILTON BOULEVARD ALLEN TOWN, PA 18195-1501</p> <p>© Air Products and Chemicals, Inc., 1990 All rights reserved Unpublished</p>  <p>TOTAL SAFETY</p>		<p align="center">AIR PRODUCTS AND CHEMICALS, INC.</p>			
		<p align="center">CZM NOTE</p> <p align="center">PROPOSED 12" PIPELINE FROM APCI METER</p> <p align="center">SITE TO VALERO ST. CHARLES IN NORCO</p>			
SCALE: NONE	DATE	APCI PROJECT		APCI DRAWING NO	
DRAWN BY: MAS	11/23/11	20018405 / Z704		EN-11-3056	
CHECKED BY: GML	11/23/11			15	
APPROVED BY:	11/23/11	MPH PROJECT		MPH DWG	
REVISION BY:		11028		11028C0E00015A0	