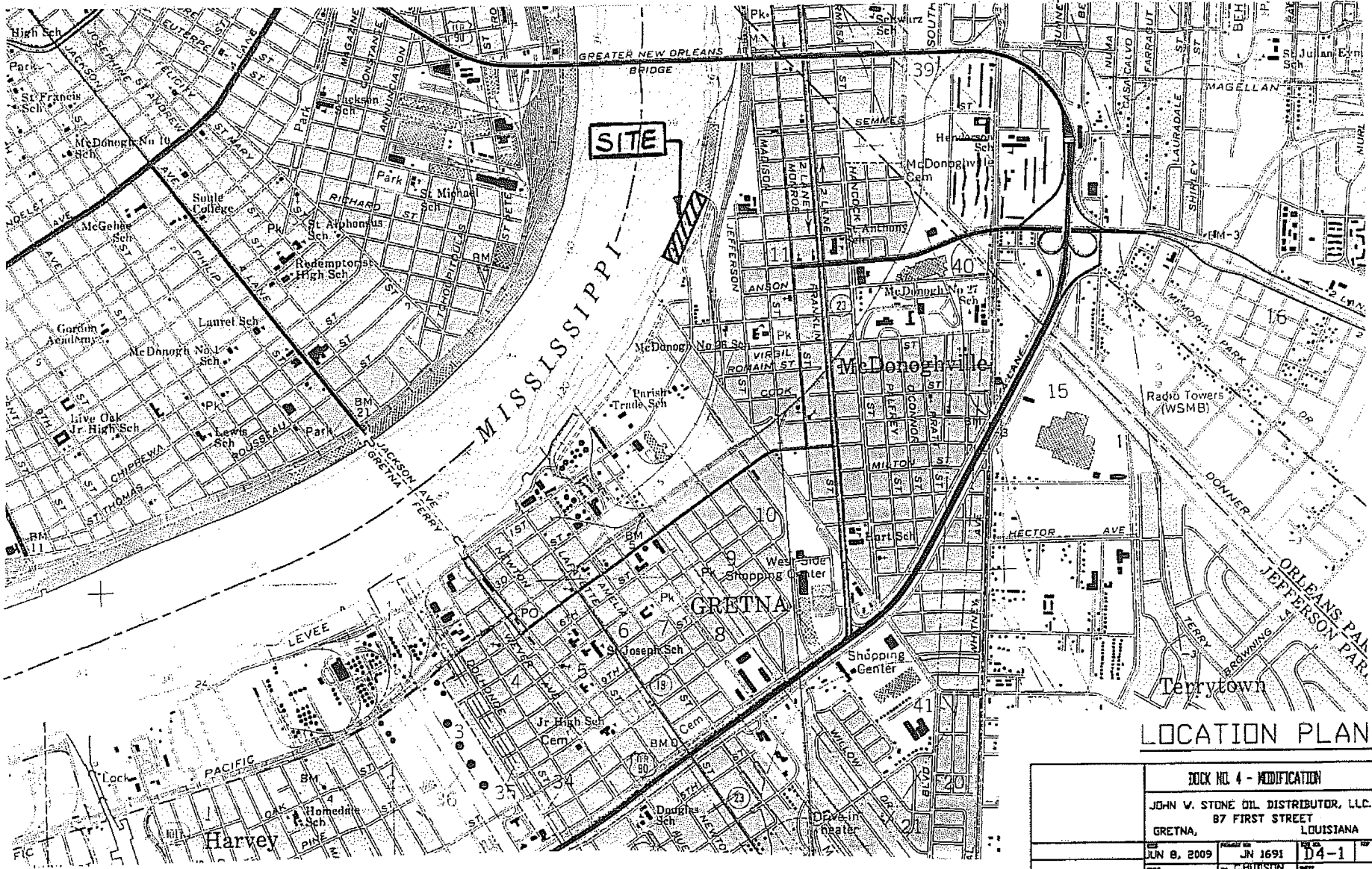
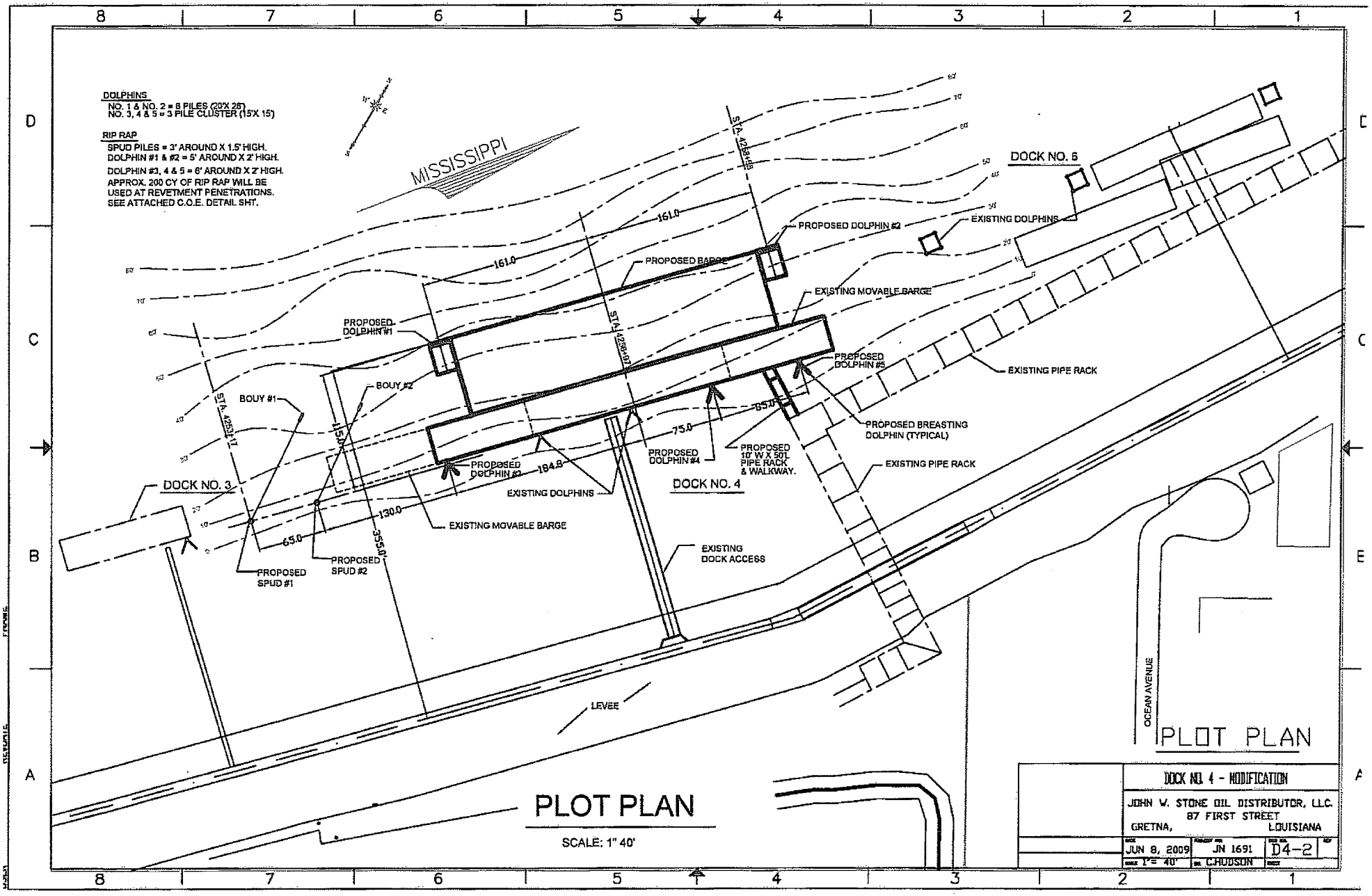


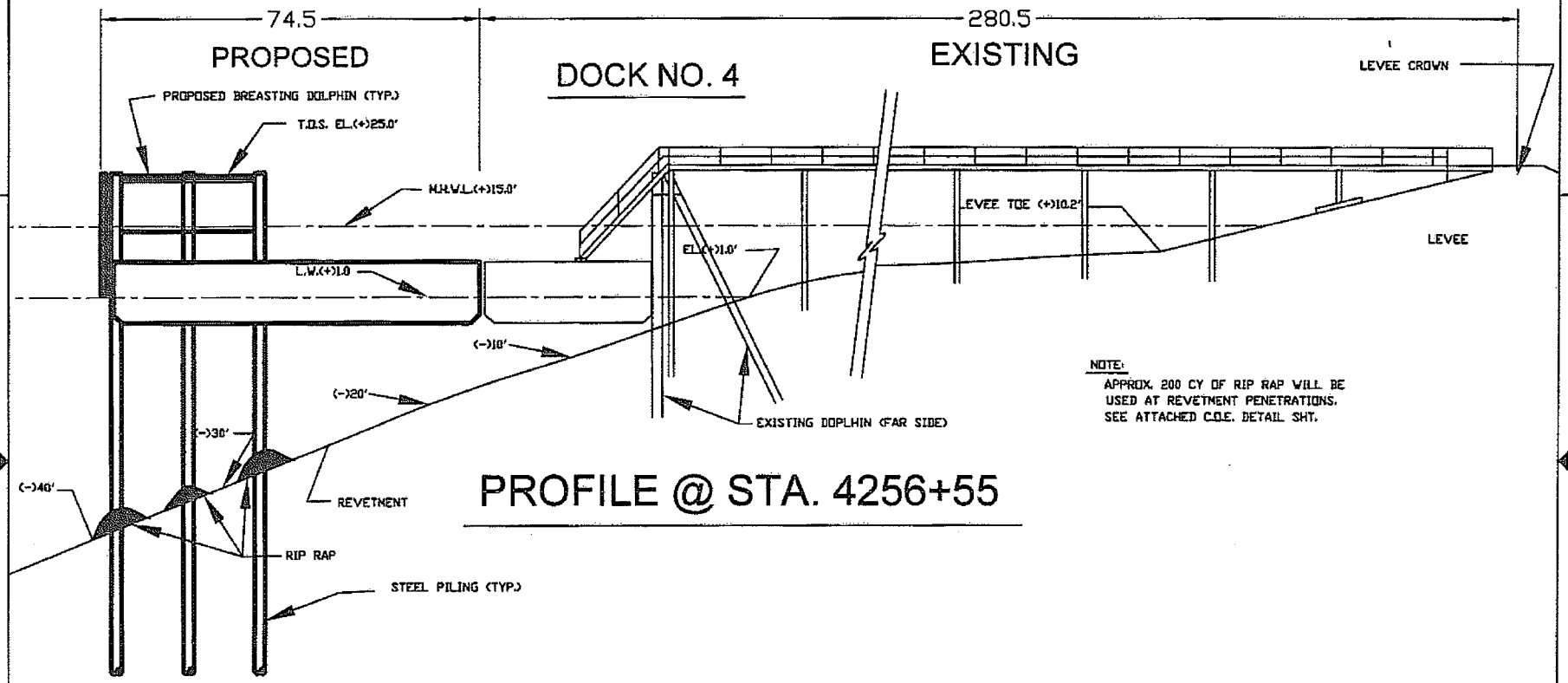
LOCATION PLAN

DOCK NO. 4 - MODIFICATION

JOHN W. STONE OIL DISTRIBUTOR, LLC.
87 FIRST STREET
GRETNA, LOUISIANA

JUN 8, 2009	JN 1691	D4-1
	C.HUDSON	


DOLPHINS
NO. 1 & NO. 2 = 8 PILES (20'X 28')
NO. 3, 4 & 5 = 3 PILE CLUSTER (15'X 15')
RIP RAP
SPUD PILES = 3' AROUND X 1.5' HIGH.
DOLPHIN #1 & #2 = 5' AROUND X 2' HIGH.
DOLPHIN #3, 4 & 5 = 6' AROUND X 2' HIGH.
APPROX. 200 CY OF RIP RAP WILL BE USED AT REVETMENT PENETRATIONS.
SEE ATTACHED C.O.E. DETAIL SHT.
MISSISSIPPI
DOCK NO. 5
EXISTING DOLPHINS
PROPOSED DOLPHIN #2
PROPOSED BARGE
EXISTING MOVABLE BARGE
PROPOSED DOLPHIN #1
PROPOSED DOLPHIN #5
EXISTING PIPE RACK
BOUY #1
BOUY #2
PROPOSED BREASTING DOLPHIN (TYPICAL)
PROPOSED DOLPHIN #4
PROPOSED 10' W X 50' PIPE RACK & WALKWAY.
PROPOSED DOLPHIN #3
DOCK NO. 3
DOCK NO. 4
EXISTING DOLPHINS
EXISTING MOVABLE BARGE
EXISTING DOCK ACCESS
PROPOSED SPUD #1
PROPOSED SPUD #2
LEVEE
OCEAN AVENUE
PLOT PLAN
DOCK NO. 4 - MODIFICATION
JOHN W. STONE OIL DISTRIBUTOR, LLC.
87 FIRST STREET
GRETNA, LOUISIANA
JUN 8, 2009
JN 1691
D4-2
1" = 40'
C.HUDSON
PLOT PLAN
SCALE: 1" 40'



NOTE:
APPROX. 200 CY OF RIP RAP WILL BE USED AT REVETMENT PENETRATIONS. SEE ATTACHED C.O.E. DETAIL SHT.

PROFILE @ STA. 4256+55

NOTES:

1. AS-BUILT DRAWINGS WILL BE SUBMITTED WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, OFFICE OF CONSERVATION, PIPELINE DIVISION, P.O. BOX 94275, BATON ROUGE, LA 70804, AND TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, COASTAL MANAGEMENT DIVISION, P.O. BOX 44487, BATON ROUGE, LA 70804.
2. ALL STRUCTURES, FACILITIES, WELLS AND PIPELINES/FLOWLINES OCCURING IN OPEN WATER AREAS OR IN OILFIELD CANALS OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONEMENT OR 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.
3. STRUCTURES MUST ALSO 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.
5. ALL PILING REVETMENT PENETRATIONS SHALL BE REPAIRED WITH STONE OR RIP-RAP IN ACCORDANCE WITH THE U.S. ARMY CORPS REQUIREMENTS. APPROX. TOTAL OF 60 CUYD OF STONE OR RIP-RAP WILL BE USED.
6. NO PILE DRIVING OR EXCAVATION SHALL BE PERFORMED ON THE FLOODSIDE OF THE LEVEE WHEN RIVERSTAGE IS ABOVE ELEV. 15.0' AT THE CARROLLTON GAGE. NO EXCAVATION SHALL BE PERFORMED ON THE LANDSIDE OF THE LEVEE WHEN THE RIVERSTAGE AT THE CARROLLTON GAGE IS ABOVE 11.0'.

PROFILE @ 4256+55

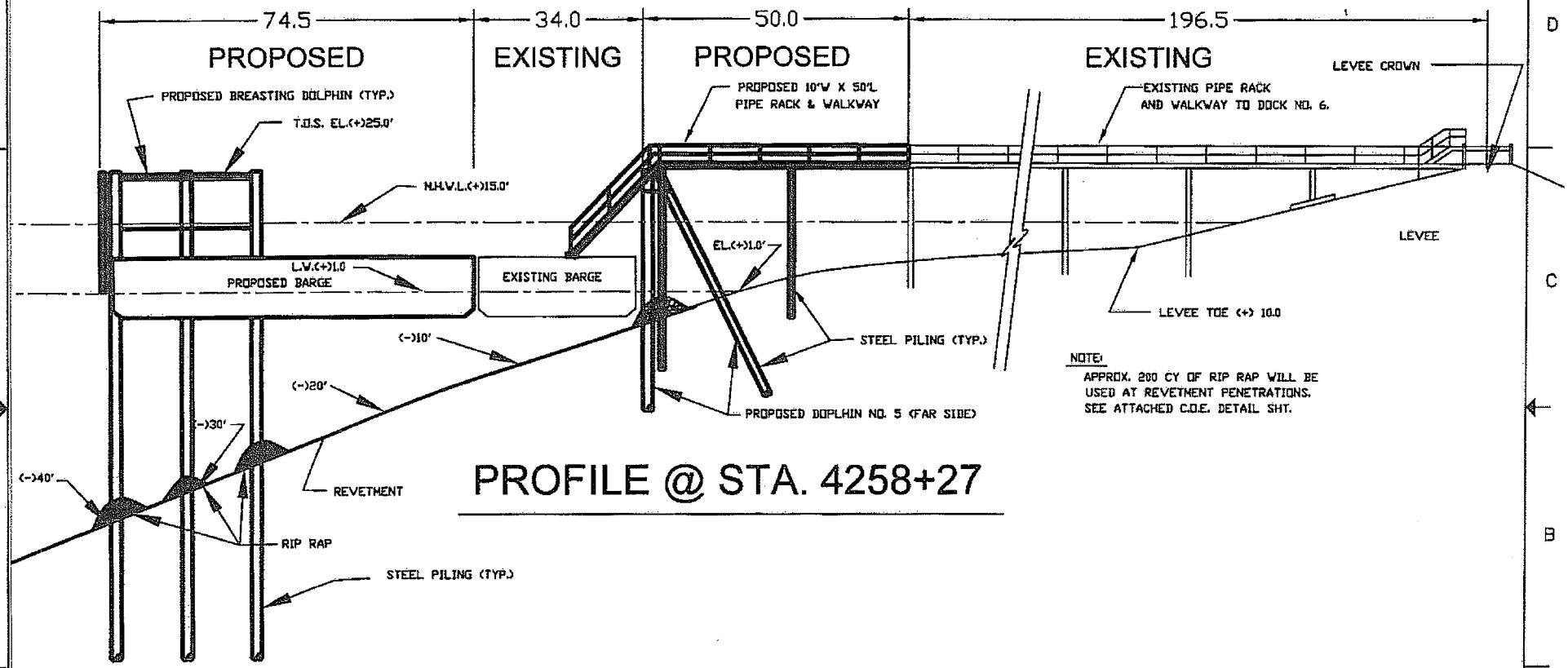
DOCK NO. 4 - MODIFICATION

JOHN W. STONE OIL DISTRIBUTOR, LLC.
87 FIRST STREET
GRETNA, LOUISIANA

JUN 8, 2009	JN 1691	D4-3
1" = 10'	C.HUDSON	

USER REVDATE FNAME

DOCK NO. 4



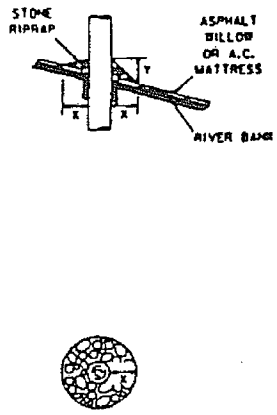
NOTE:
APPROX. 200 CY OF RIP RAP WILL BE USED AT REVETMENT PENETRATIONS. SEE ATTACHED C.O.E. DETAIL SHT.

PROFILE @ STA. 4258+27

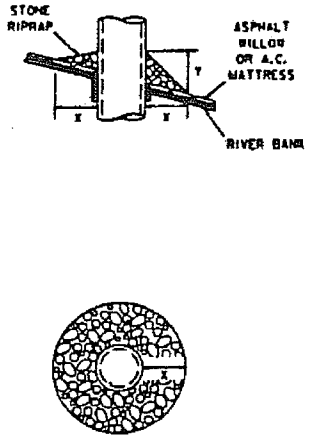
PROFILE @ 4258+27

DOCK NO. 4 - MODIFICATION	
JOHN W. STONE OIL DISTRIBUTOR, LLC. 87 FIRST STREET GRETNA, LOUISIANA	
JUN 15, 2009	JN 1691
SCALE 1"= 10'	CHUDSON
D4-4	

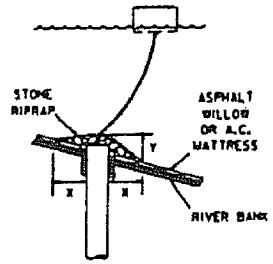
PILE



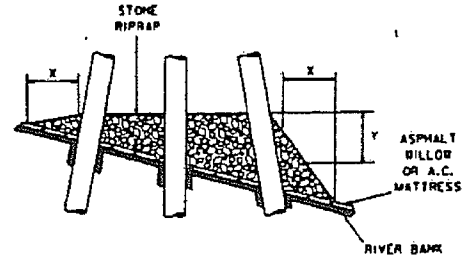
CAISSON

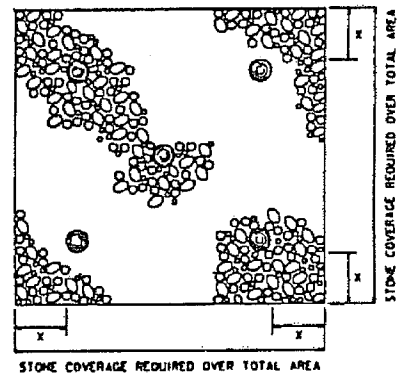


SPUD PILE (BUOY AND ANCHOR CHAIN)



PILE CLUSTER





DEPTH OF WATER IN FEET AT POINT OF PENETRATION AT TIME OF STONE PLACEMENT	DIMENSIONS IN FEET FOR PROTECTION AREA REQUIRED							
	PILE		CAISSON		SPUD PILE (BUOY AND ANCHOR CHAIN)		PILE CLUSTER	
	X	Y	X	Y	X	Y	X	Y
1' - 10'	3	1.5	5	2			3	1
11' - 40'	5	2	8	3	7	3	8	2
41' - 60'	8	3	12	4	12	4	10	3

NOTES:

1. SIZE OF RIPRAP TO VARY BETWEEN 8 POUNDS AND 125 POUNDS WITH 40 PERCENT TO 80 PERCENT OF THE STONE WITHIN THE RANGE OF 25 POUNDS TO 75 POUNDS.
2. WHEN PENETRATING THE UPPER BANK PAVING IN A REVETMENT WITH PILES, CAISSONS AND/OR PILE CLUSTERS, A 10 INCH THICK RIPRAP STONE LAYER SHALL BE PLACED OVER ALL AREAS WHERE THE BANK PAVING IS DISTURBED BY DRIVING OPERATIONS.
3. WHEN USING AN ANCHOR CHAIN AND BUOY SYSTEM, THE ANCHOR CHAIN MUST BE ATTACHED AT THE TOP OF THE PILE TO MINIMIZE REVETMENT DAMAGE.

U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS
CORPS OF ENGINEERS
NEW ORLEANS, LOUISIANA

REPAIR PROCEDURES REQUIRED WHEN PENETRATING REVETMENTS WITH PILES, CAISSONS AND/OR PILE CLUSTERS