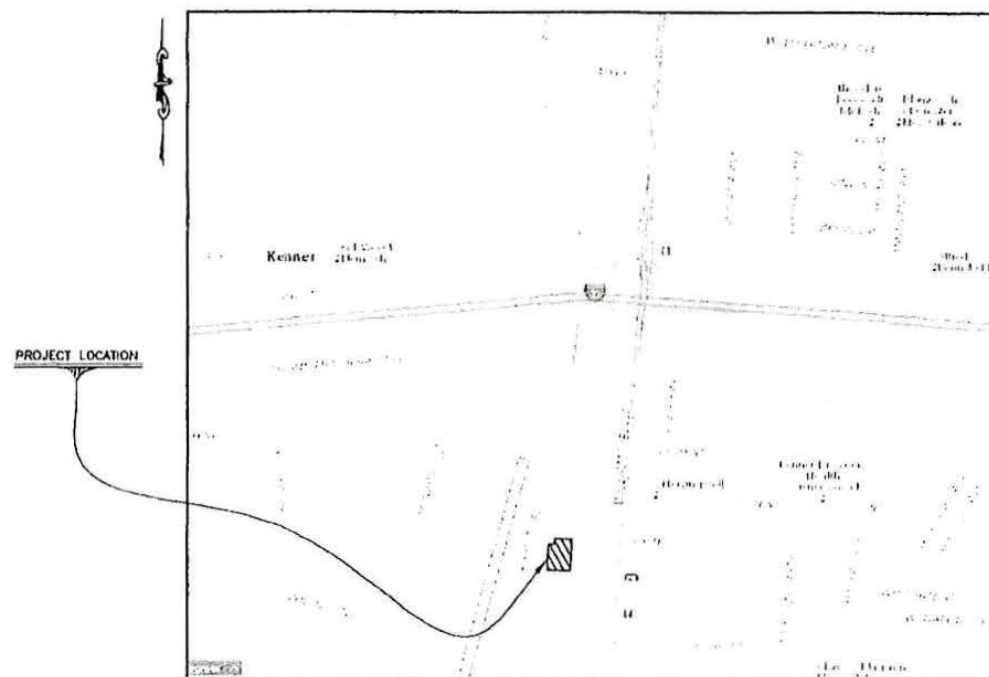


KENNER WASTE TRANSFER FACILITY

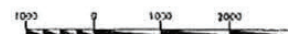
CITY OF KENNER, LOUISIANA
AUGUST 2019

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1	TITLE SHEET
2	GENERAL NOTES AND LEGEND
3	TOPO/EXISTING CONDITIONS
4	DEMOLITION PLAN
5	SITE PLAN
6	UTILITY PLAN
7	DRAINAGE & GRADING PLAN
8	DETAILS
9 & 10	BUILDING DETAILS
11	EROSION CONTROL DETAILS
12	CATCH BASIN DETAILS
13	BEDDING & BACKFILL DETAILS

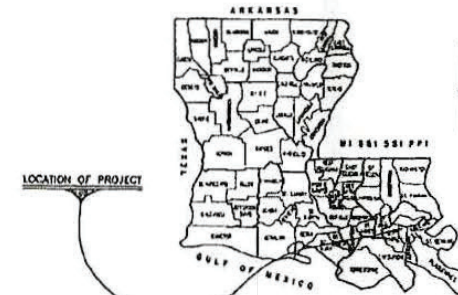


LOCATION MAP
SCALE: 1" HIGH = 1000 FEET



PRELIMINARY
SUBMITTAL

NOTE: THE 2016 EDITION OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES SHALL GOVERN, AS AMENDED BY THE PROJECT SPECIFICATIONS AND THESE DRAWINGS.



VICINITY MAP
N.T.S.



PLANS PREPARED BY AND
RECOMMENDED FOR APPROVAL:

ANDRE C. MONNOT, P.E.
PRINCIPAL ENGINEERING, INC.
FIRM LIC. NO. 3188

DATE

APPROVED BY:

TOM SCHREINER, P.E.
DEPUTY CAO, PUBLIC WORKS
CITY OF KENNER

DATE

MAYOR
E. "BEN" ZAHN III

COUNCIL MEMBERS

KRISTI K. MCKINNEY	COUNCIL AT LARGE A
THOMAS P. WILLMOTT	COUNCIL AT LARGE B
GREGORY W. CARROLL	DISTRICT 1
MICHAEL G. SIGUR	DISTRICT 2
GLENN W. HAYES SR.	DISTRICT 3
GEORGE L. BRANIGAN	DISTRICT 4
BRIAN BRENNAN	DISTRICT 5

PROJ FILE NAME:
1513 MS-TitleSheet

PRELIMINARY DRAWINGS
NOT FOR CONSTRUCTION. RECORDS,
RECORDATION, CONVEYANCE, SALES,
OR ISSUANCE OF A PERMIT
ENGINEER ADOPT FONTENOT
LICENSE NO. 12722



DESIGNED BY	CHECKED BY	DATE
ATF	ATF	AUGUST 2019

KENNER WASTE TRANSFER FACILITY

JEFFERSON PARISH
KENNER, LOUISIANA

TITLE SHEET

SHEET NO.
1

1 of 13

Exhibit

64

CDC, No. 20-3606

CARIMI 00007

GENERAL NOTES

1. EXISTING UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL CONTACT Louisiana One Call™ AT 811 OR www.lacocall.com 48 HOURS PRIOR TO DIGGING FOR UTILITY MARKING AND COORDINATE THE LOCATION (HORIZONTAL AND VERTICAL) OF ANY EXISTING UTILITIES (POWER, TELEPHONE, GAS, WATER, SEWER, ETC.) WITH THE APPROPRIATE UTILITY COMPANY BEFORE CONSTRUCTION BEGINS.
2. THE CONTRACTOR SHALL CALL THE CITY OF KENNER'S PUBLIC WORKS DEPARTMENT TO LOCATE THE CITY'S EXISTING UTILITIES FIVE (5) DAYS PRIOR TO ANY DIGGING AT (504) 468-7315.
3. ANY UTILITY LINES OR SERVICE LINES ENCOUNTERED DURING CONSTRUCTION, WHETHER SHOWN ON PLANS OR NOT, SHALL BE PROTECTED BY THE CONTRACTOR AND ANY REPAIRS NECESSARY DUE TO DAMAGE TO SAME BY THE CONTRACTOR SHALL BE AT NO COST TO THE CITY.
4. THE CONTRACTOR SHALL LAY OUT THE WORK AND SHALL VERIFY ALL ELEVATIONS, MEASUREMENTS AND GRADES PRIOR TO BEGINNING OF CONSTRUCTION. PROJECT VERTICAL AND HORIZONTAL CONTROLS HAVE BEEN INDICATED ON THE PLANS. THE CONTRACTOR SHALL ESTABLISH BASE LINES.
5. THE CONTRACTOR SHALL PROVIDE SITE RESTORATION AT THE CONCLUSION OF THE WORK, INCLUDING ANY DAMAGED OR DISTURBED PAVING, SIGNAGE, SIDEWALK, DRIVEWAYS, CURBING, FENCING, LIGHTING, UTILITIES, ETC. NOT REQUIRED TO BE REPLACED OR RECONSTRUCTED. RESTORATION OF SAME SHALL BE TO ORIGINAL CONDITION OR BETTER, TO THE COMPLETE SATISFACTION OF THE CITY.
6. THE CONTRACTOR SHALL PROTECT TREES, SHRUBBERY, FLOWERS, SOG AND OTHER VEGETATION, NOT SPECIFIED FOR REMOVAL BY DRAWINGS OR SPECIFICATIONS, AND SHALL REPAIR OR REPLACE SUCH ITEMS AS ARE DAMAGED DURING CONSTRUCTION OF THE PROJECT WITH THE SAME TYPES AND QUALITY AS THOSE THAT ARE DAMAGED. SUCH REPAIR OR REPLACEMENT SHALL BE TO THE SATISFACTION OF THE OWNER OF THE PROPERTY INVOLVED, AND SHALL BE AT NO DIRECT PAY.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING POWER AND UTILITY POLES AFFECTED BY THE PROJECT ACTIVITY, INCLUDING REMOVAL, REPLACEMENT, REDUCTION AND/OR STABILIZING AND PROTECTING GUYS. THE CONTRACTOR SHALL COORDINATE ALL SUCH ACTIVITY WITH THE UTILITY COMPANY.
8. EXCAVATION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH OSHA AND OTHER SAFETY REGULATIONS TO INCLUDE ALL Dewatering AND SHEETING. ALL EXCAVATION SHALL BE COVERED, BACKFILLED, OR PROTECTED, AND SHALL BE FULLY DELIMITED AT NIGHT AND WHEN WORK IS NOT IN PROGRESS. EXCAVATED PITS, ETC. SHALL BE FULLY FENCED OR BARRICADED TO PREVENT ACCESS BY PEDESTRIANS. OPEN CUTS SHALL BE RESTORED TO SUCH CONDITIONS AS TO WITHSTAND VEHICLE AND PEDESTRIAN LOADS.
9. THE CONTRACTOR SHALL DESIGN, PROMOTE, INSTALL AND MAINTAIN SHEETING, SHORING, BRACING AND Dewatering SYSTEMS REQUIRED TO COMPLETE THE WORK IN A CONTINUOUS SAFE MANNER. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR THE STABILITY AND ADEQUACY OF SHEETING, SHORING, BRACING AND Dewatering SYSTEMS CONSTRUCTED BY HIM AND ALL COSTS AND DAMAGES RESULTING FROM THE FAILURE THEREOF.
10. CONTRACTOR SHALL COORDINATE LAKE CLOSURE WITH THE CITY OF KENNER, AND THE DEPARTMENT OF PUBLIC WORKS IN ADVANCE, TO INCLUDE MATERIAL DELIVERY. ALL EQUIPMENT OR MATERIALS MARKED TO OR FROM THE CONSTRUCTION SITE WILL BE BY A ROUTE APPROVED OR DESIGNATED BY THEM.
11. CONTRACTOR SHALL MAINTAIN DRAINAGE WITHIN THE PROJECT AREA DURING CONSTRUCTION.
12. CONTRACTOR SHALL PROVIDE HOUSEKEEPING OF THE PROJECT SITE AND ALL ACCESS ROADS ON A DAILY BASIS AND SHALL KEEP THE AREA CLEAN AND FREE OF ALL TRASH AND DEBRIS.
13. CONTRACTOR SHALL SUPPLY TO THE CITY SHOP DRAWINGS PRIOR TO WORK, FOR APPROVAL BY THE ENGINEER.
14. ALL TRAFFIC CONTROL DEVICES AND THEIR ASSOCIATED HARDWARE (SIGNS, SIGNALS, CONDUITS AND MARKINGS) REMOVED OR DAMAGED DURING EXECUTION OF THIS CONTRACT, OTHER THAN AS PROVIDED FOR THIS CONTRACT, SHALL BE REPLACED BY THE CONTRACTOR AT HIS COST.
15. THE CONTRACTOR SHALL PROVIDE FOR AND MAINTAIN THROUGH AND LOCAL TRAFFIC AT ALL TIMES.
16. ANY TEMPORARY TRAFFIC CONTROL DEVICES NOT APPLYING TO AN APPROPRIATE SITUATION, OR WHICH ARE NO LONGER REQUIRED, SHALL BE COVERED OR REMOVED BY THE CONTRACTOR.
17. ANY POLICE OFFICERS AND POLICE VEHICLES REQUIRED BY AND/OR TO OPERATE AT THE DISCRETION OF AND/OR FOR THE CONVENIENCE OF THE CONTRACTOR SHALL BE AT NO DIRECT PAY AND AT NO COST TO THE CITY.
18. ALL MATERIALS/MACHINES SHALL BE STORED OUTSIDE OF THE ROAD SURFACE, CREATING NO SIGHT RESTRICTIONS AND SHALL BE FULLY DELIMITED.
19. WORK HOURS GENERALLY ARE 7:00 AM TO 5:00 PM, MONDAY THROUGH FRIDAY. CONTRACTOR SHALL NOT WORK ON WEEKENDS, WITHOUT PRIOR APPROVAL FROM THE CITY.

LEGEND

EXISTING

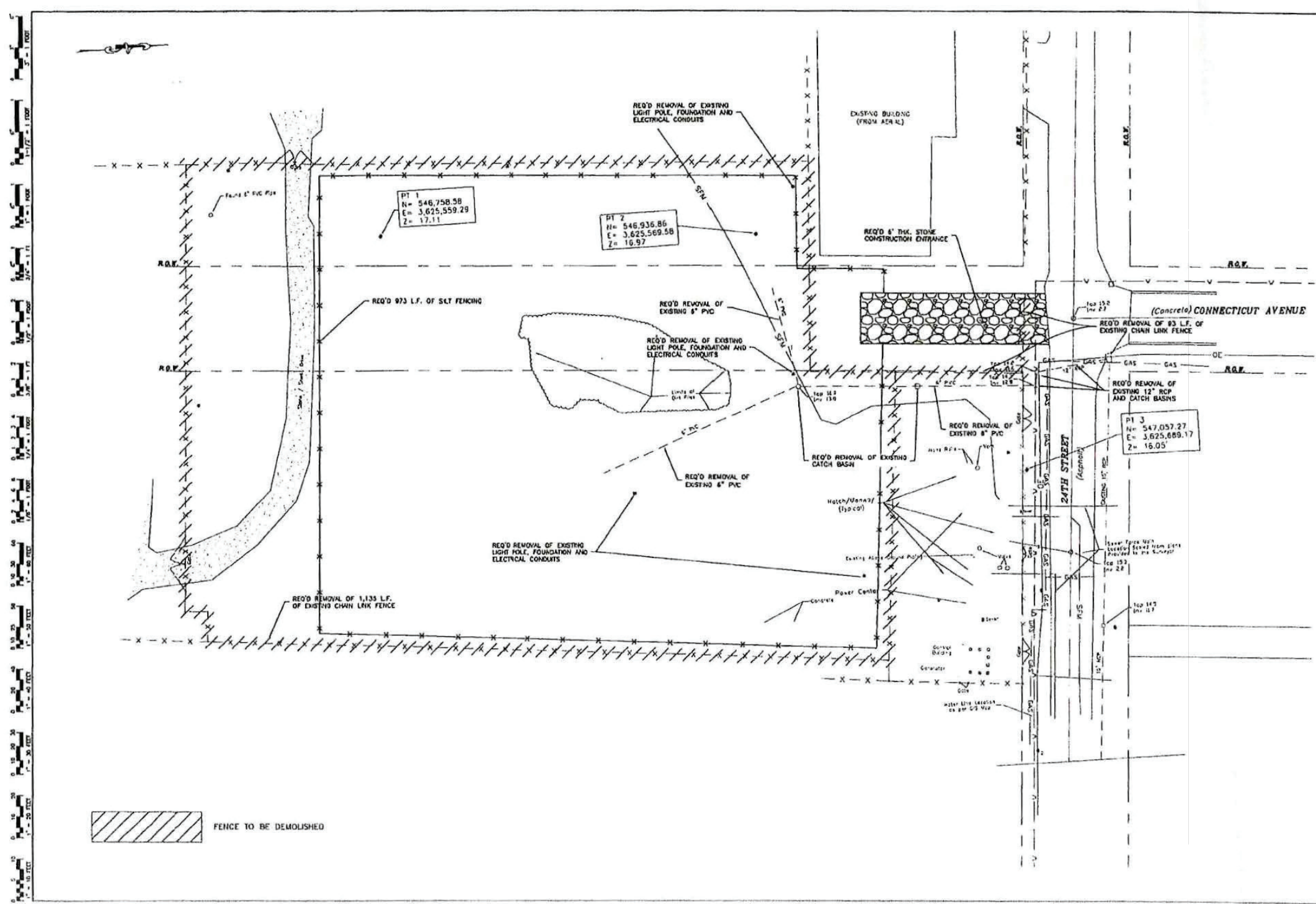
- EXISTING RIGHT OF WAY
- GAS
- TELEPHONE MANHOLE, TELEPHONE LINE
- UTILITY POLE / OVERHEAD LINES
- SEWER FORCE MAIN
- FENCE
- WATER
- ① SEWER MANHOLE

PROPOSED

- FENCE
- WATER LINE
- SEWER SERVICE LINE
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC
- WATER METER & VALVE BOX
- SEWER CLEANOUT
- ASPHALT
- CONCRETE
- AGGREGATE SURFACE COURSE
- CB-01



<p>PRELIMINARY DRAWING IS NOT FOR CONSTRUCTION. RECORDING, REVISIONS, CORRECTIONS, SALES, OR ISSUANCE OF A PERMIT ENGINEER: AARON T. FOITENOT LICENSE NO. 42763 August 13, 2019</p>	
<p>KENNER WASTE TRANSFER FACILITY JEFFERSON PARISH KENNER, LOUISIANA</p>	<p>GENERAL NOTES AND LEGEND</p>
<p>SCALE (1"=10')</p>	<p>DATE: AUGUST 2019</p>
<p>RECORD BY: A.T.F.</p>	<p>JOB NO: 1513</p>
<p>DESIGNED BY: D.L.B.</p>	<p>DATE: AUGUST 2019</p>
<p>CHECKED BY: A.T.F.</p>	<p>DATE: AUGUST 2019</p>
<p>SHEET NO. 2</p>	
<p>2 of 13</p>	



1" = 100'
 1" = 200'
 1" = 300'
 1" = 400'
 1" = 500'
 1" = 600'
 1" = 700'
 1" = 800'
 1" = 900'
 1" = 1000'
 1" = 1100'
 1" = 1200'
 1" = 1300'
 1" = 1400'
 1" = 1500'
 1" = 1600'
 1" = 1700'
 1" = 1800'
 1" = 1900'
 1" = 2000'

CAD FILE NAME:
 1513-PL-Plan

PRELIMINARY DRAWING
 NOT FOR CONSTRUCTION, BIDDING,
 RECORDATION, CONVEYANCE, SALES,
 OR ISSUANCE OF A PERMIT
 ENGINEER: AARON T. FOITEBOT
 LICENSE NO. 42700
 August 15, 2018

PRINCIPAL
 ENGINEERING & ARCHITECTURE
 1811 N. CALHOUN BLVD., SUITE 200
 MONROE, LA 70002

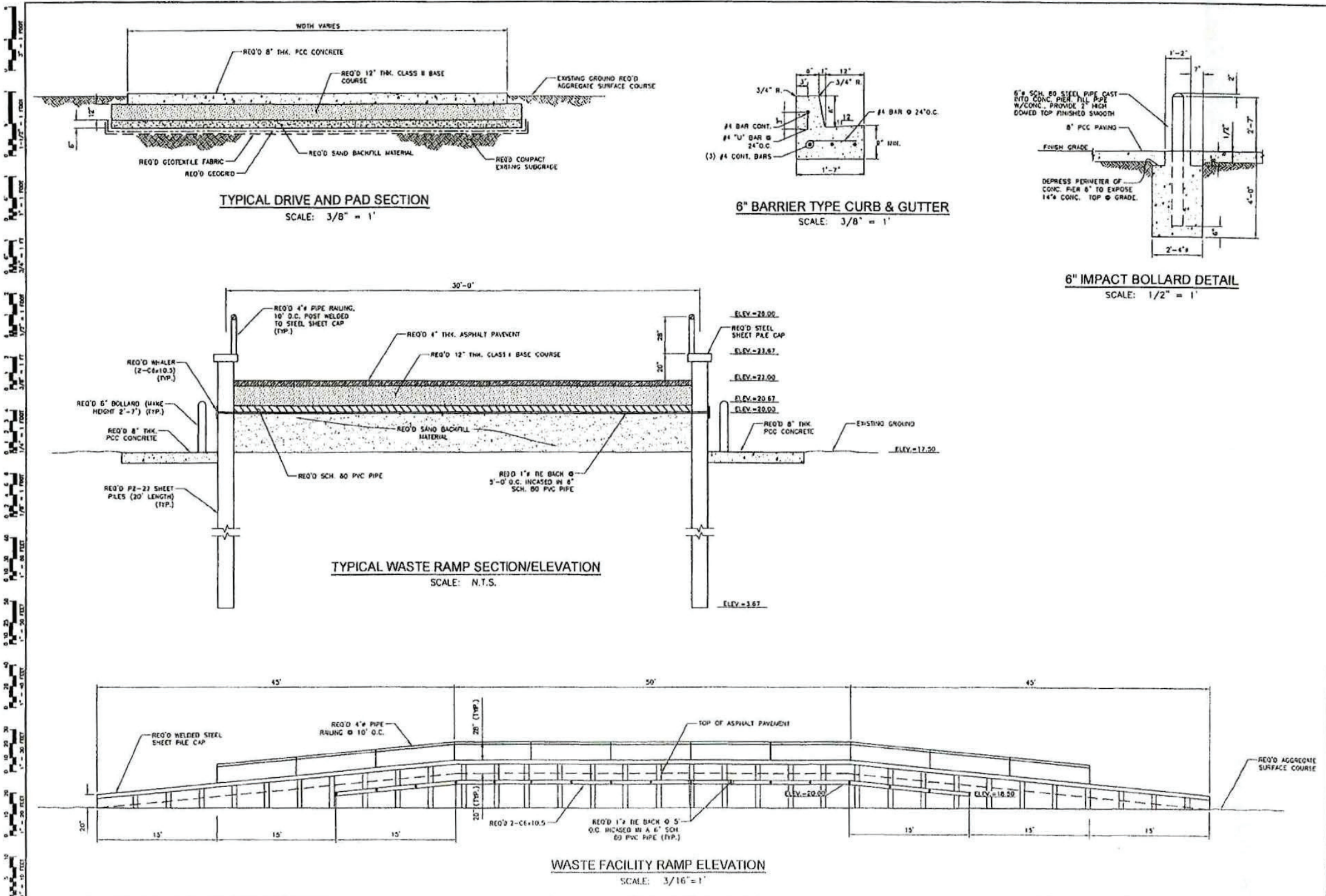
DESIGNED BY:	ATF
CHECKED BY:	DLB
DATE:	AUGUST 2018
SHEET NO.	4
TOTAL SHEETS	13

SCALE (ENH):
 1" = 20'
 DATE: AUGUST 2018

KENNER WASTE TRANSFER FACILITY
 JEFFERSON PARISH
 KENNER, LOUISIANA

DEMOLITION AND SWPP PLAN

SHEET NO.
4
 4 of 13



1'-0" FEET
1'-6" FEET
2'-0" FEET
2'-6" FEET
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100'-6" FEET

CAD FILE NAME:
1513-DT-Drv3a

PRELIMINARY DRAWING
NOT FOR CONSTRUCTION; BIDDING,
RECORDATION, CONVEYANCE SALES,
OR ISSUANCE OF A PERMIT.
ENGINEER: ARBOUT FORTE/ICIT
LICENSE NO. 42705
August 14, 2019

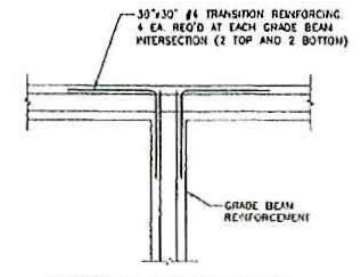
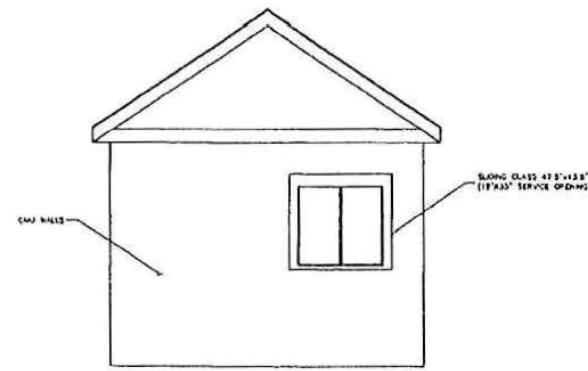
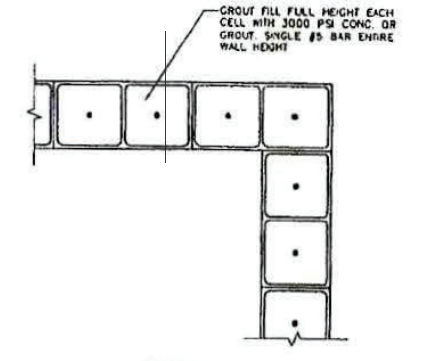
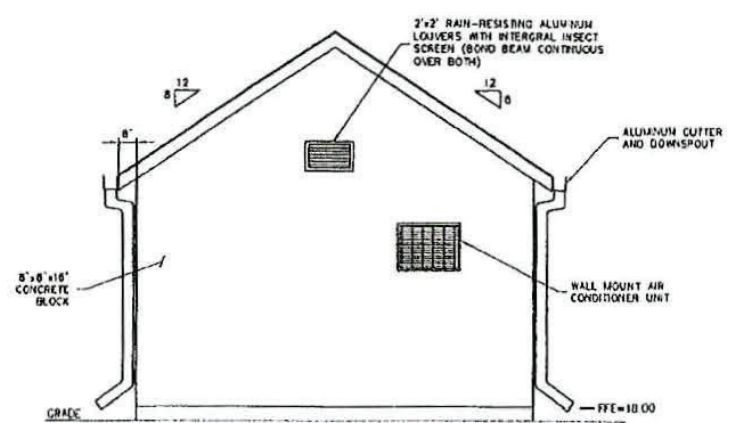
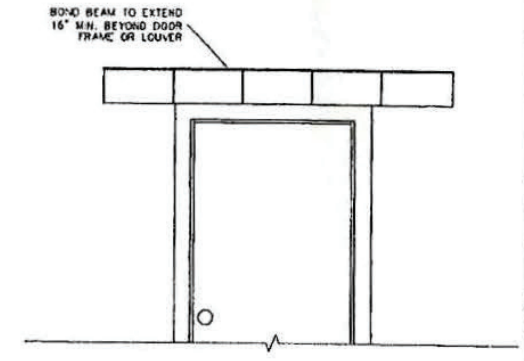
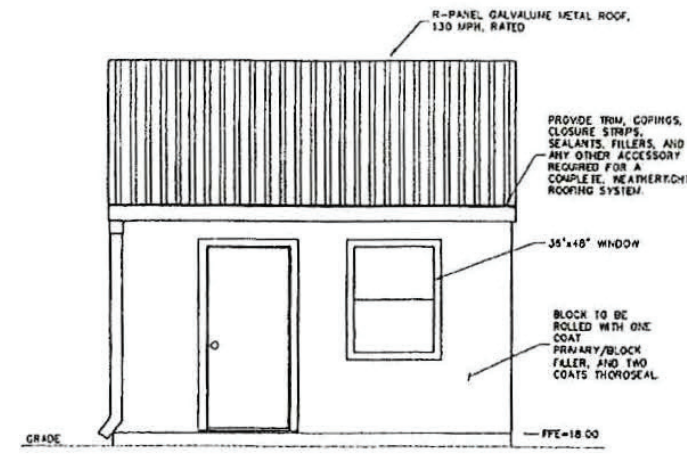
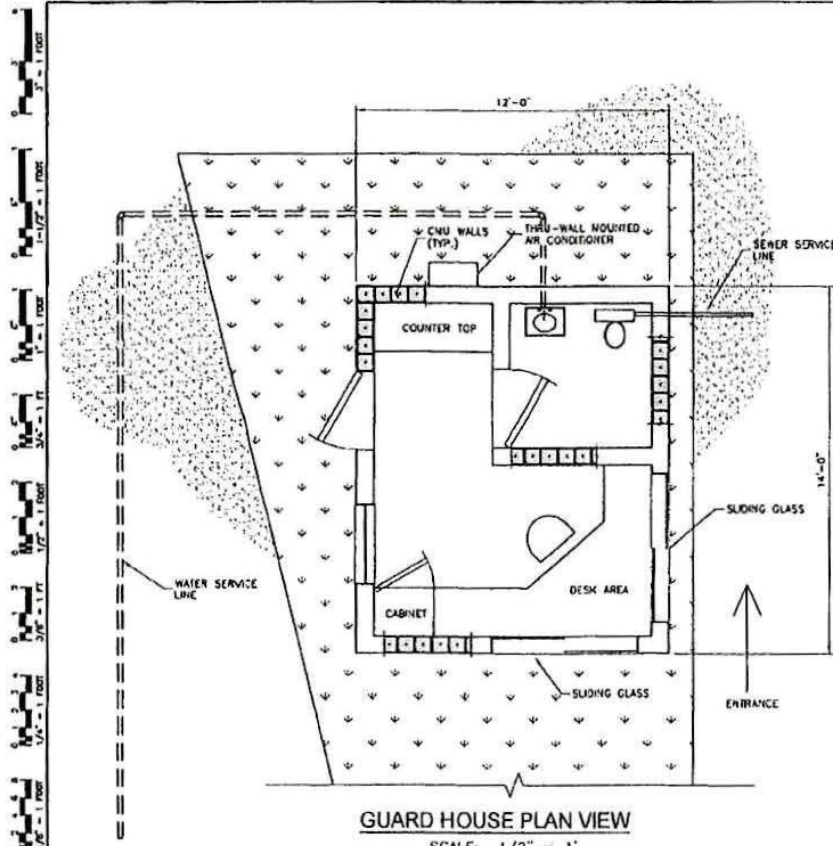
PRINCIPAL Engineering
PRINCIPAL Engineering, Inc.
1000 Poydras Street, Suite 1900
New Orleans, LA 70112
Phone: (504) 581-1000
Fax: (504) 581-1001

DESIGNED BY:	ATP	CHECKED BY:	ATP
DRAWN BY:	DLB	DATE:	AUGUST 2019
SCALE (SHEET):		JOB NO.:	1513

KENNER WASTE TRANSFER FACILITY
JEFFERSON PARISH
KENNER, LOUISIANA

DETAILS

SHEET NO. **8**
8 of 13



- GENERAL NOTES:**
1. FINISHED FLOOR ELEVATION (FFE) SHALL BE 10.00
 2. CONCRETE COMPRESSIVE STRENGTH SHALL BE NO LESS THAN 3000 PSI AT 28 DAYS, AND CONCRETE SHALL COMPLY WITH THE 2006 EDITION OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES FOR CLASS A.
 3. REINFORCING STEEL SHALL BE GRADE 60.
 4. CONCRETE SHALL HAVE A RUBBED OR BURLAP FINISH.
- FOUNDATION PREPARATION NOTES:**
1. PRIOR TO CONSTRUCTION, THE FOUNDATION AREA SHOULD BE STRIPPED OF ALL VEGETATION, DEBRIS, SOFT OR LOOSE SURFACE SOILS, DELETERIOUS MATERIALS, ETC. AND SHOULD BE WELL DRAINED. SOFT SPOTS SHALL BE UNDERCUT BY AT LEAST 1 FT. AND BACKFILLED WITH STRUCTURAL SAND FILL.
 2. FOUNDATION EXCAVATIONS SHALL BE THOROUGHLY INSPECTED TO ASSURE THAT THE FOOTINGS ARE SEATED IN FIRM AND WELL-DRAINED SOIL.
 3. FILL MATERIAL SHALL BE CLEAN, SELECT MATERIAL FREE FROM DEBRIS OR ORGANIC MATTER. FILL MATERIAL SHALL BE CLEAN SAND WITH LESS THAN 10% PASSING THE U.S. No. 200 SIEVE.
 4. THE SAND OR SAND SHALL BE COMPACTED TO A DRY DENSITY AT LEAST EQUAL TO 95% OF ITS MAXIMUM AS DETERMINED BY THE STANDARD PROCTOR, OR TO A MINIMUM RELATIVE DENSITY OF 90% IN ACCORDANCE WITH ASTM D4253 AND D4254. THE SAND OR STONE MAY BE PLACED AND COMPACTED IN MAXIMUM 6" RICH LOOSE LIFTS.

CADD FILE NAME: 1513-DT-Dea3

PRELIMINARY DRAWING
NOT FOR CONSTRUCTION, BIDDING,
RECORDATION, CONVEYANCE SALES,
OR ISSUANCE OF A PERMIT
ENGINEER: AARON T. FOITE:OT
LICENSE #10 42708
August 14, 2019

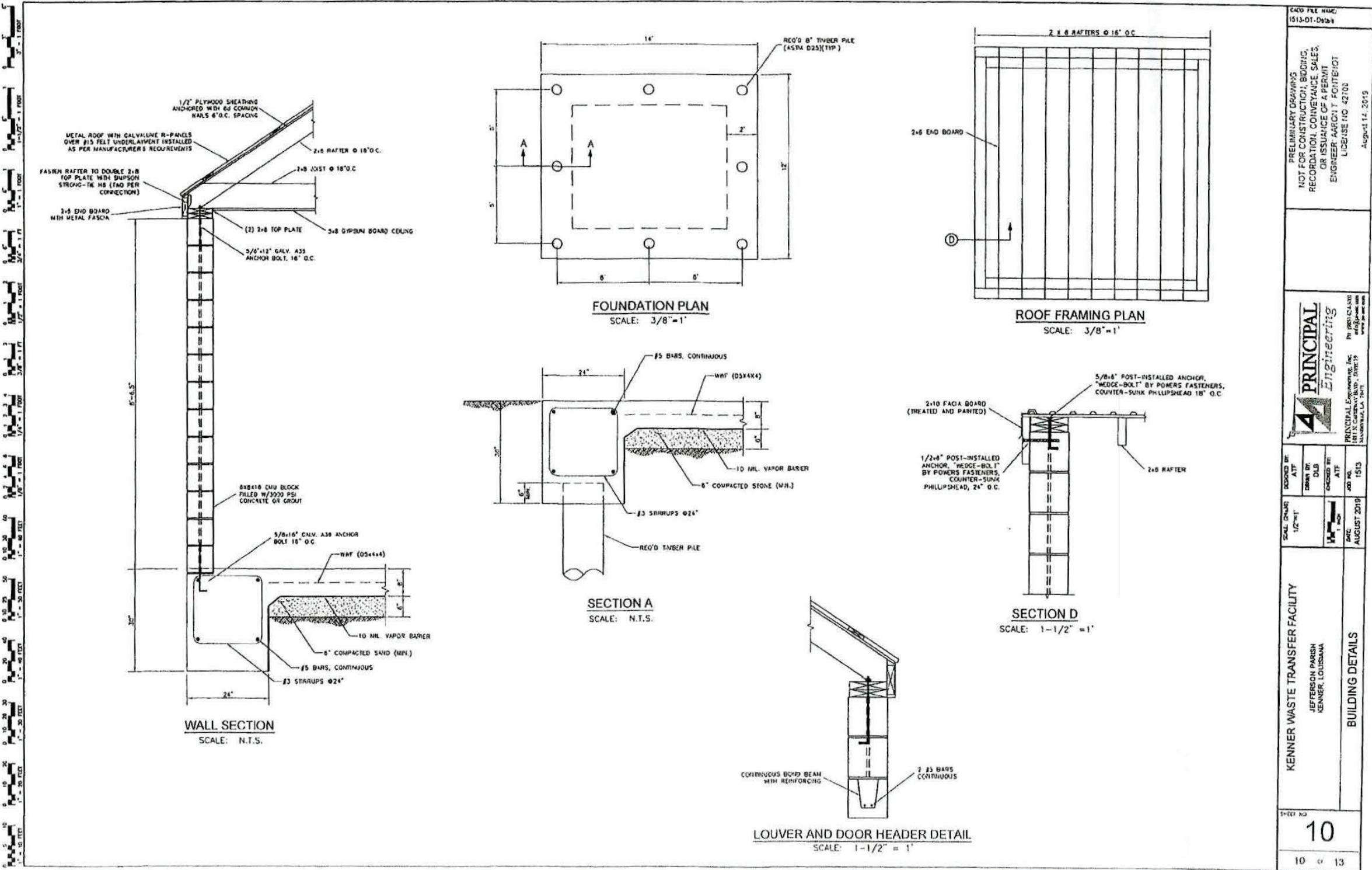
PRINCIPAL Engineering
PRINCIPAL ENGINEERING, INC.
1011 S. CALDWAY BLVD., SUITE 101
MONROE, LA 70131

DESIGNED BY:	ATF	DATE:	15/3
DRAWN BY:	DLB	JOB NO.:	1513
CHECKED BY:	ATF	DATE:	AUGUST 2019

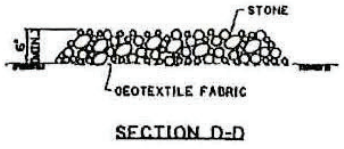
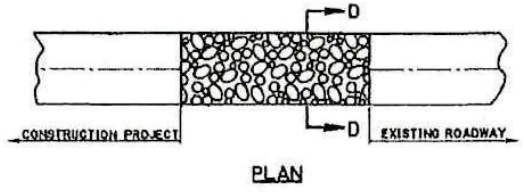
KENNER WASTE TRANSFER FACILITY
JEFFERSON PARISH
KENNER, LOUISIANA

BUILDING DETAILS

SHEET NO. **9**
9 of 13

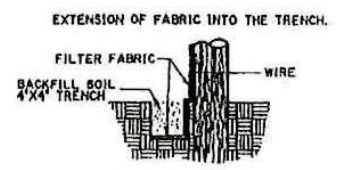
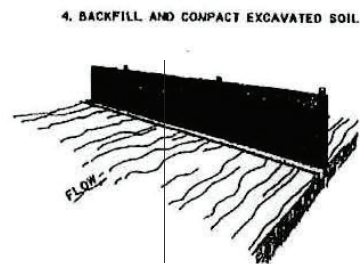
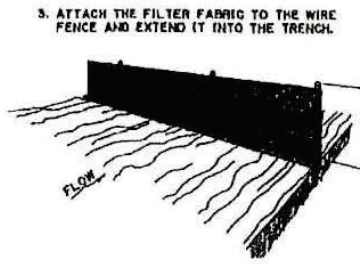
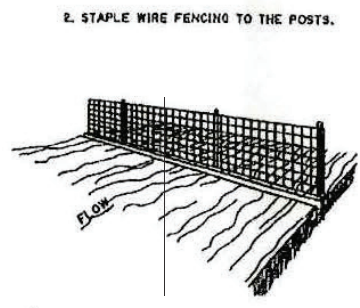
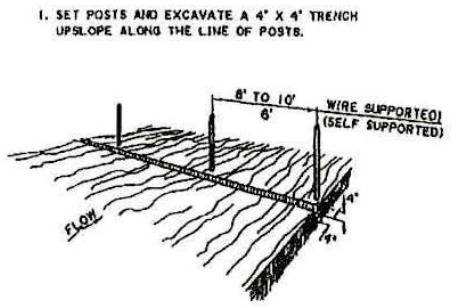


PRELIMINARY DRAWINGS NOT FOR CONSTRUCTION, BIDDING, RECORDATION, CONFORMANCE SALES, OR ISSUANCE OF PERMIT. ENGINEER: ARBOUT FORTIHOIT LICENSE NO. 42710 August 14, 2019	
 PRINCIPAL <i>Engineering, Inc.</i> <small>PRINCIPAL Engineering, Inc. 111119 111119 111119</small>	
DRAWN BY: DLS CHECKED BY: ATF DATE: AUGUST 2019	SCALE: 1/2" = 1' SHEET NO: 10 OF 13
KENNER WASTE TRANSFER FACILITY JEFFERSON PARISH KENNER, LOUISIANA BUILDING DETAILS	



TEMPORARY STONE CONSTRUCTION ENTRANCE
 PAY ITEM: TEMPORARY STONE CONSTRUCTION ENTRANCE

- NOTES:**
TEMPORARY STONE CONSTRUCTION ENTRANCE AND/OR WASH RACK
- A STONE STABILIZED PAD LOCATED AT POINTS OF VEHICULAR INGRESS AND EGRESS ON THE CONSTRUCTION SITE TO REDUCE THE AMOUNT OF MUD TRANSPORTED ONTO PUBLIC ROADS. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF THE MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLE ENTERS A PUBLIC ROAD. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A STONE ENTRANCE AND/OR WASH RACKS ARE:
1. THE STONE LAYER MUST BE AT LEAST 6 INCHES THICK.
 2. THE STONE SHALL CONFORM TO PROJECT SPECIFICATIONS FOR RIPRAP (CLASS 2 L0).
 3. THE LENGTH OF THE PAD MUST BE AT LEAST 75 FEET AND IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS.
 4. A GEOTEXTILE FABRIC UNDERLAYER IS REQUIRED. THE GEOTEXTILE FABRIC SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC (CLASS D).
 5. IF A WASH RACK IS NECESSARY, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE.



CONSTRUCTION OF TEMPORARY SILT FENCING
 (WIRE SUPPORTED SILT FENCE IS SHOWN. SELF SUPPORTED SILT FENCE WILL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.)

- NOTES:**
- SILT FENCING IS A TEMPORARY SEDIMENT BARRIER CONSISTING OF A FILTER FABRIC SUPPORTED BY POSTS AND STRETCHED ACROSS AN AREA TO INTERCEPT AND DETAIN SMALL AMOUNTS OF SEDIMENT. THE SILT FENCING SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL. A FEW BASIC GUIDELINES FOR THE USE OF SILT FENCING ARE:
1. USE WHERE EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION
 2. USE WHERE THE MAXIMUM DRAINAGE AREA BEHIND THE SILT FENCE IS 1/4 ACRE PER 100 FEET OF SILT FENCE LENGTH
 3. USE WHERE THE MAXIMUM SLOPE LENGTH BEHIND THE BARRIER IS 100 FEET
 4. USE WHERE THE MAXIMUM GRADIENT BEHIND THE BARRIER IS 2:1
 5. DO NOT USE SILT FENCES IN LIVE STREAMS OR IN DITCHES OR SWALES WHERE FLOWS EXCEED ONE CUBIC FOOT PER SECOND.

CADD FILE NAME:
 1513-SD-Erosion Control

PRELIMINARY DRAWING
 NOT FOR CONSTRUCTION, BIDDING,
 RECORDATION, CONVEYANCE, SALES,
 OR ISSUANCE OF A PERMIT
 ENGINEER: ARDENT FONTENOT
 LICENSE NO. 42708
 August 13, 2019

PRINCIPAL Engineering
 PRINCIPAL Engineering, Inc.
 1115 N. GARDNER BLVD., SUITE 10
 HOUSTON, TX 77002

DESIGNED BY: ATP
 DRAWN BY: DAB
 CHECKED BY: ATP
 JOB NO. 1513
 DATE: AUGUST 2019

SCALE (AS SHOWN)

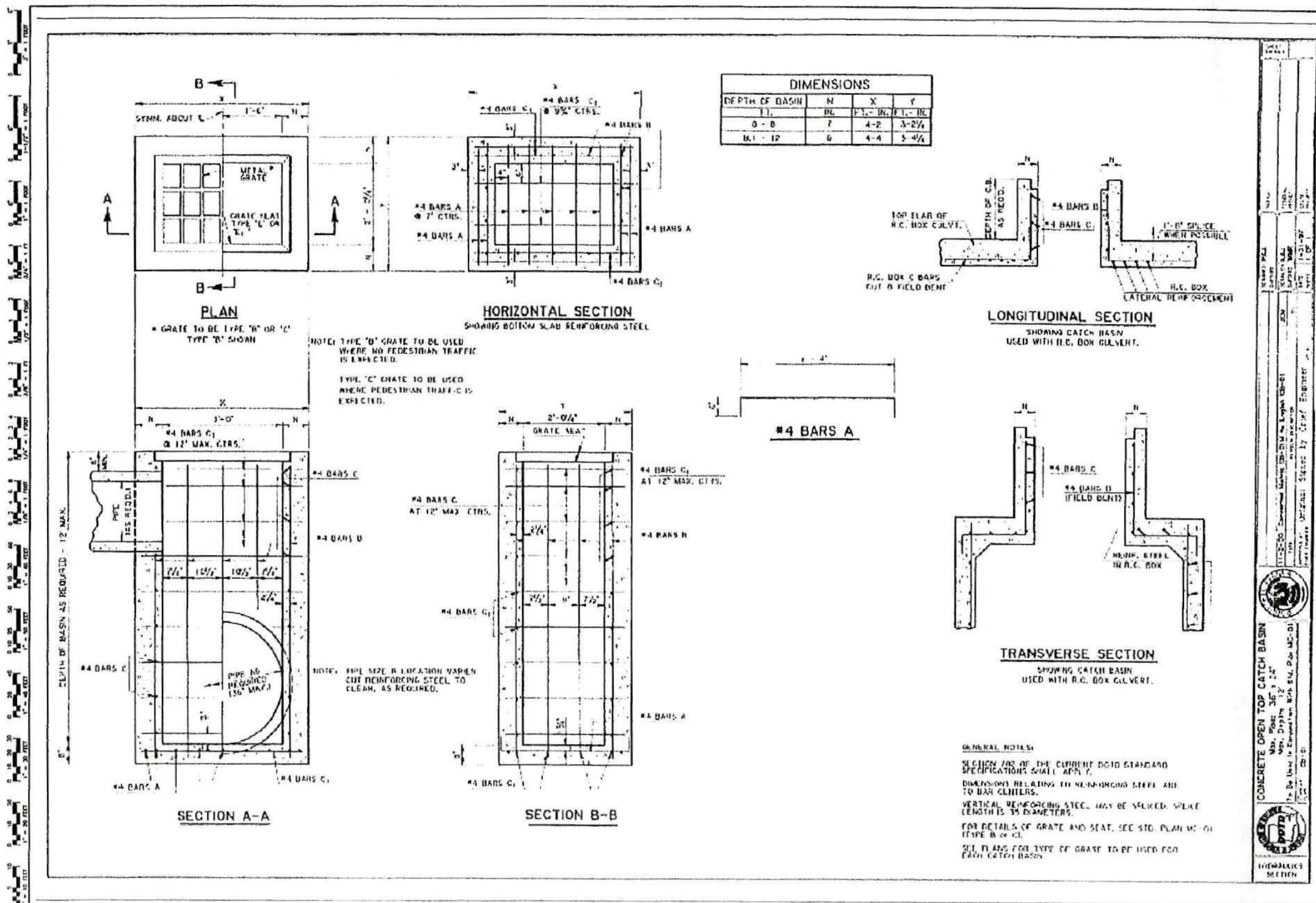
KENNER WASTE TRANSFER FACILITY
 JEFFERSON PARISH
 NEW ORLEANS, LOUISIANA

EROSION CONTROL DETAILS

SHEET NO.
11

11 of 13





PRELIMINARY DRAWING
 NOT FOR CONSTRUCTION, BIDDING,
 RECORDATION, CONVEYANCE, SALES,
 OR ISSUANCE OF A PERMIT
 ENGINEER: ARCHIT. POINT: NOT
 LICENSE NO. 42702
 August 13, 2019

PRINCIPAL Engineering
 PRINCIPAL ENGINEERING, INC.
 1001 P. O. BOX 1001
 MONROE, LA 70001

SCALE: 1" = 1'-0"
 AUGUST 2019
 1513

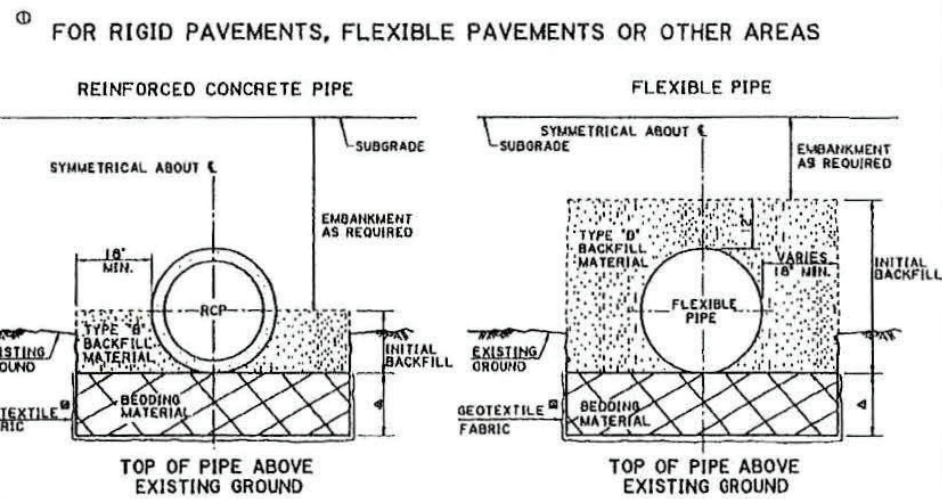
Kenner Waste Transfer Facility
 Jefferson Parish
 Kenner, Louisiana

CATCH BASIN DETAILS

SHEET NO. **12**
 12 of 13

TYPICAL PIPE INSTALLATION WITH BEDDING MATERIAL

EMBANKMENT INSTALLATION



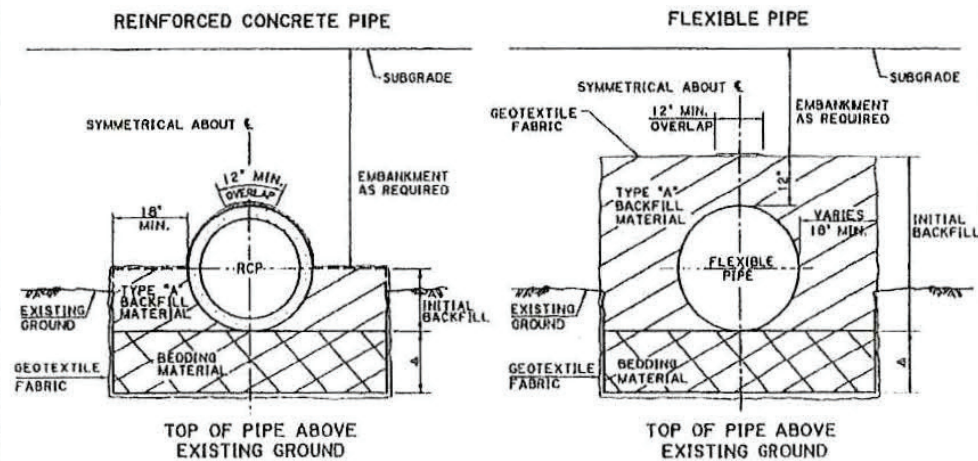
① FOR RIGID PAVEMENTS, FLEXIBLE PAVEMENTS OR OTHER AREAS

① FOR RIGID PAVEMENTS: APPLIES TO ALL PIPE UNDER RIGID PAVEMENT, EXCEPT AS NOTED FOR FLEXIBLE PAVEMENT NOTE ② BELOW.

FOR FLEXIBLE PAVEMENTS: APPLIES TO PIPES THAT DO NOT CROSS THE CENTERLINE OF NEW OR EXISTING ROADWAY FOR OTHER AREAS; APPLIES TO PIPES IN NONPAVED AREAS OR PAVED AREAS THAT SERVE AS DRIVEWAYS OR SHOULDERS

② IF DIRECTED BY THE PROJECT ENGINEER, GEOTEXTILE FABRIC WILL BE INSTALLED AROUND THE TYPE "B" BACKFILL AND PAID UNDER THE PAY ITEM FOR GEOTEXTILE FABRIC, SECTION 711 OR 203 OF LA DOTD STANDARD SPECIFICATIONS OR BY CHANGE ORDER.

FOR FLEXIBLE PAVEMENTS ② ③

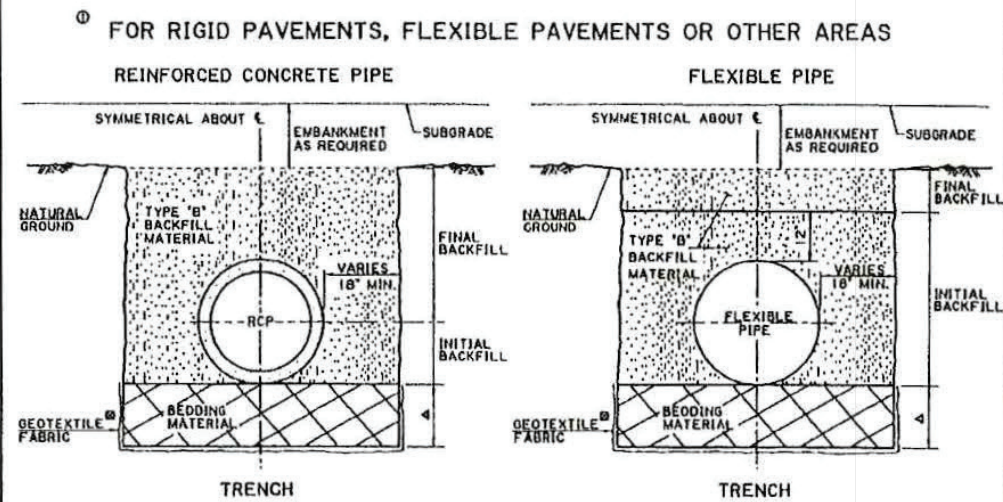


② APPLIES TO PIPE CROSSING THE CENTERLINE OF NEW OR EXISTING ROADWAYS

③ ALSO APPLIES UNDER RIGID PAVEMENTS FOR PIPES CROSSING THE CENTERLINE OF NEW OR EXISTING PAVEMENTS WHEN THE PROJECT IS BID USING A RIGID VS FLEXIBLE ALTERNATE (A + B + C) BID MODEL.

A THICKNESS AS SHOWN ON PLANS (6" MIN.) OR AS DIRECTED BY THE PROJECT ENGINEER

TRENCH INSTALLATION



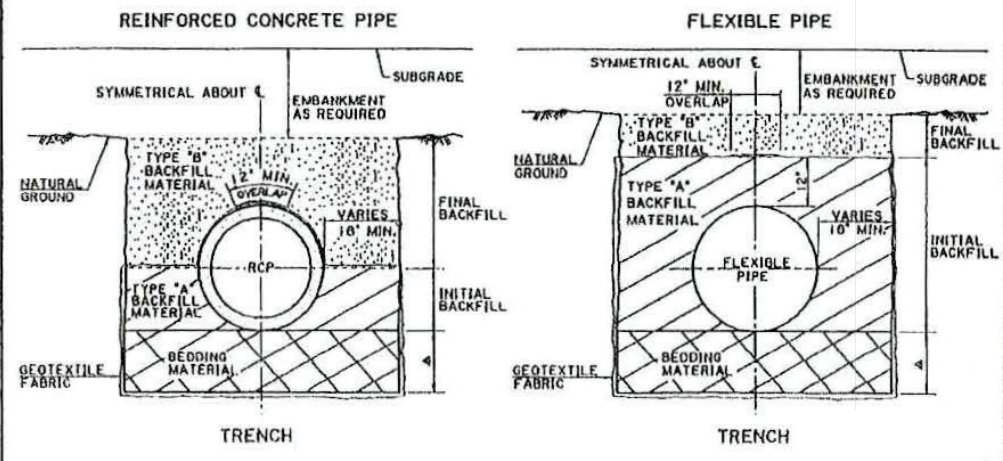
① FOR RIGID PAVEMENTS, FLEXIBLE PAVEMENTS OR OTHER AREAS

① FOR RIGID PAVEMENTS: APPLIES TO ALL PIPE UNDER RIGID PAVEMENT, EXCEPT AS NOTED FOR FLEXIBLE PAVEMENT NOTE ② BELOW.

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FOR FLEXIBLE PAVEMENTS ② ③



② APPLIES TO PIPE CROSSING THE CENTERLINE OF NEW OR EXISTING ROADWAYS

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A THICKNESS AS SHOWN ON PLANS (6" MIN.) OR AS DIRECTED BY THE PROJECT ENGINEER

SHEET NUMBER		DATE	
13	OF	13	13
REVISION	DATE	BY	CHKD
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2-11-00	7-11-00	WJ	WJ
3-11-00	7-11-00	WJ	WJ
4-11-00	7-11-00	WJ	WJ
5-11-00	7-11-00	WJ	WJ
6-11-00	7-11-00	WJ	WJ
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99-11-00	7-11-00	WJ	WJ
100-11-00	7-11-00	WJ	WJ

PRELIMINARY DRAWING
NOT FOR CONSTRUCTION, BIDDING,
RECORDATION, CONVEYANCE, SALES
OR ISSUANCE OF A PERMIT
ENGINEER: AARON T. FORTINOT
LICENSE NO. 42723
August 13, 2015

PRINCIPAL
Engineering

KENNER WASTE TRANSFER FACILITY
JEFFERSON PARISH
KENNER, LOUISIANA

BEDDING AND BACKFILL FOR
DRAINAGE STRUCTURES

BEDDING & BACKFILL DETAILS

HYDRAULICS SECTION

13
13 of 13