



Purchasing Department

Purchasing Department
P.O. Box 9534
Baton Rouge, LA 70813
Phone: (225) 771-4580
Fax: (225) 771-2026

Addendum Number # 3

September 11, 2025

A.O. WILLIAMS MODULAR CAMPUS

SU Ag Center

Southern University and A&M College
Baton Rouge, Louisiana 70813

Bid # 50016-10344

10:30 A.M. September 29, 2025

The following modifications to the referenced project shall be incorporated into the original specifications and/or plans. Unless a change is specifically made by addendum, the specifications and/or plans as issued shall govern.

Bids shall be accepted in the Purchasing Department by above date and time

Note: Vendors are required to acknowledge receipt of this addendum on the Louisiana Uniform Public Work Bid Form

Attachments:

- Pre-Bid Meeting Sign-in Sheets
- Site Utilities & Paving Bid Documents
- Additional Site Visits Information
- Clarification-Addendum Dates/Final Addenda Date
- Drawings

Note: Contact Holly & Smith Architects regarding the attached drawings

Hammond / New Orleans / Lafayette

2302 Magazine Street / New Orleans, La 70130 / Tel 504.585.1315

A handwritten signature in black ink that reads 'Linda Antoine'.

Linda Antoine, Director of Purchasing

Date 9/11/25

A.O. WILLIAMS MODULAR CAMPUS

SOUTHERN UNIVERSITY AND AGRICULTURAL & MECHANIC COLLEGE

Addendum 03

H/S Project: 25022

Addendum: 3

Date: 9.10.2025

This Addendum forms a part of the Contract Documents and modifies the original specifications and drawings issued for bidding to the extent noted hereinafter. All other provisions of the Bid Documents shall remain unchanged.

Careful note of this Addendum will be taken by all parties of interest so that proper allowances are made in all computations, estimates and contracts and so that all trades affected are fully advised in the performance of the work that will be required of them. Acknowledge receipt of this Addendum on the Bid Form.

General

- 3.01 Pre-Bid Meeting Sign-in Sheet:** A copy of the mandatory Pre-Bid Sign in sheet is included herein as part of this addendum.
- 3.02 Site Utilities and Paving Bid Documents:** A copy of the Site & Utilities Bid Documents dated June 30, 2025 prepared by Owner's separate consultant under a separate contract is included in this Addendum for information only. Note that this scope of work is bidding concurrently with the Modular campus. The site and utility scope is estimated to be complete by end of December, 2025.
- 3.03 Additional Site Visits:** Bidders will be allowed to visit the site during normal business hours at their convenience. However, before visiting, Bidders must notify Southern University System Facilities Department. ervin_antoine@suagcenter.com

Modifications to Previous Addenda

- 3.04 None.**

Clarifications

- 3.05 Total Base Bid:** Bids / Quotes received must be provided as a lump sum and include all costs associated with the scope of work including front-end install costs, lease cost (36 months), and back-end demobilization cost. Refer to Specification Section 13 34 23.13 – Portable And Mobile Buildings for additional information.

Modifications to the Procurement and Contracting Requirements

- 3.06 Substitution / Prior Approval Requests:** Must be received by Monday, September 15, 2025 by 10:30am.

3.07 Interpretation / Clarification Requests: Must be received by Monday, September 22, 2025 by 10:30am.

3.08 Addenda: The final addendum will be issued no later than Monday, September 24, 2025 by 10:30am.

Modifications to the Specifications

3.09 None.

Modifications to the Drawings

3.10 None

Prior Approvals

The following manufacturers, equipment, materials, or products have been Prior Approved for use on this project. Approvals are based upon the opinion, knowledge, information and belief of the Architect at the time of issuance of this Addendum and reliance upon the data submitted. Approvals are therefore interim in nature and subject to reconsideration as additional data, materials, workmanship, and coordination with other work are observed and reviewed. All items allowed by this Addendum are subject to the full provisions of the original contract documents including all modifications thereto and shall be warranted as substitutions conforming with the contract documents as provided for in the General Conditions. In proposing items allowed by this Addendum, bidder assumes all risk, costs, and responsibility for item's final acceptance, performance, and integration into the work.

Architectural

Section 13 34 23.13 – Portable And Mobile Buildings
Palomar Modular Buildings

END OF ADDENDUM.

PRE-BID CONFERENCE & SITE-VISIT: SEPTEMBER 9, 2025 @ 10:30 AM-BID NUMBER 10344
 SOUTHERN UNIVERSITY AND A&M COLLEGE-A.O. WILLIAMS MODULAR CAMPUS
 PRE-BID & SITE LOCATION: HEAD HOUSE BUILDING-9202 B.A. LITTLE DRIVE-AG CENTER

PLEASE PRINT CLEARLY IN THE APPROPRIATE AREAS (IN INK ONLY)

COMPANY	REPRESENTATIVE (PLEASE PRINT)	ADDRESS (BOX#, STREET, CITY, STATE, ZIP)	EMAIL ADDRESS	PHONE NO.
Mobile Modular	Sandy Triche	5305 Robeline Dr Met LA 70003	sandra.triche@mobile modular.com	(504) 908- 7667
MOBILE MODULAR	ADAM BROWN	542 Ardmore St. MOSS POINT, MS 39363	ADAM.BROWN@MOBILE MODULAR.COM	(601) 329- 1777
Lombardi Electric	Ronnie Dark		ronnie@LELEC.NET	225-485-7775
Quick Buildings Modular	Tim Corbin	703 Merwin Ave Mobile, AL 36606	jcorbin@quickbuildings.net	251-379-0544 cell 251-471-8012 office
JW GRAND	DAKOTA PERCY	5440 PERKINS RD. BATON ROUGE LA	GREG@JWGRAND.COM	225-202-7448
The Luster Group	Robertson Ball, JR	3255 Choctaw Dr Suite D Baton Rouge La. 70805	rball@thelustergroup.com	225. 800.5019.
Palomar Modular Buildings	Richard L. Tavern	505 Noyl I-85E De Soto, TX 75115	rtavern@palomarmodular.com	409 727 0827 O 214 676 5143 C
CHENEVERT Const. + Remodeling Inc	MARK CHENEVERT	1616 N. 29th St. B.R. LA 70802	ccerba@gnail.com	225 939-1182
Haywood Property Maint	Fred Haywood	9800 Airline Hwy Baton Rouge 70815	HPM225@OUTLOOK.COM	225-999-8533

PRE-BID CONFERENCE & SITE-VISIT: SEPTEMBER 9, 2025 @ 10:30 AM - BID NUMBER 10344
 SOUTHERN UNIVERSITY AND A&M COLLEGE-A.O. WILLIAMS MODULAR CAMPUS
 PRE-BID & SITE LOCATION: HEAD HOUSE BUILDING-9202 B.A. LITTLE DRIVE-AG CENTER

PLEASE PRINT CLEARLY IN THE APPROPRIATE AREAS (IN INK ONLY)

COMPANY	REPRESENTATIVE (PLEASE PRINT)	ADDRESS (BOX#, STREET, CITY, STATE, ZIP)	EMAIL ADDRESS	PHONE NO.
Diversified Construction Environmental	Theron Holmes	P.O. Box 640757 Kenner, LA 70067	Theron.Holmes@DiversifiedCE.com	(504) 315-5672
Tbolt Electric	Larry Barnes	Baton Rouge	Larry@TboltElectric.net	225-413-6715
Latech Security	Eric Carlson	10741 Courcy Ct, BKLA	ecarlson@latech.us	225-268-2063
Latech Security	Andrea Cea	10741 Courcy Ct. Baton Rouge	acea@latech.us	9859811070 225 341 2063
J.F. Juge Cons	Jared Juge	3766 Commerce Ln. Prairieville, LA 70769	Jared@jugeconstruction.com	225 413 7764
Louisiana State University Lafayette	Lanell Barthelemy	J.S. Clark	LanellBarthelemy@lsus.edu	504 287 5165
SUBR	HENRY THURMAN III		henry-thurman@subr.edu	225 771 2413
Arlos Buildings	Carl Crisp	6103 E. Huston Houston TX	ccrisp@arlosbuildings.ca	346-297-4437
ALBA	KESTEE WEIK III	ALBA CAMPUS	KESTEE.WEIK@ALBA.EDU	225-771-6235

PRE-BID & SITE LOCATION: HEAD HOUSE BUILDING-9202 B.A. LITTLE DRIVE-AG CENTER

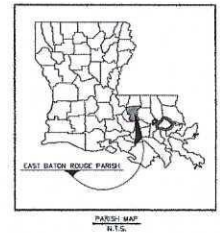
PLEASE PRINT CLEARLY IN THE APPROPRIATE AREAS (IN INK ONLY)

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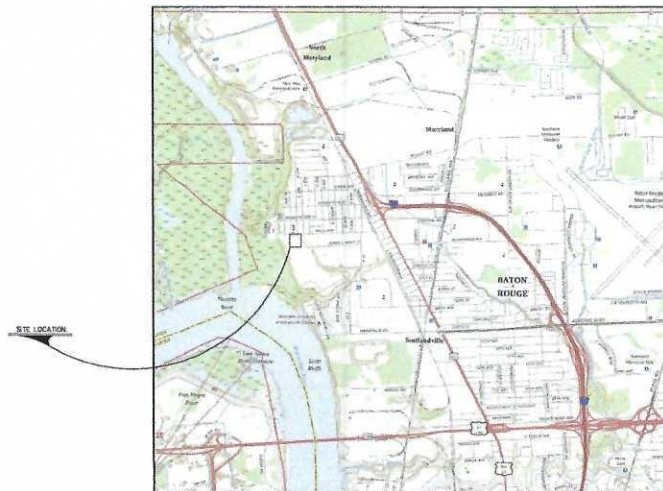
SITE UTILITIES AND PAVING, TEMPORARY BUILDINGS

SOUTHERN UNIVERSITY BATON ROUGE, LOUISIANA

STATE ID: N/A - SITE CODE: 2-17-038
STATE PROJECT NO: 19-616-14-01, F.19002641
JUNE 30, 2025



INDEX TO SHEETS	
SHEET NO.	DESCRIPTION
C1.01	TITLE SHEET
C2.01	DEMO AND EROSION CONTROL PLAN
C2.02	OVERALL SITE PLAN
C2.03	GEOMETRIC PLAN
C2.04	PAVING & JOINT PLAN
C2.05	GRADING & DRAINAGE PLAN
C2.06	UTILITY PLAN
C2.07	SITE PLAN - ALTERNATIVE 1
C2.08	GEOMETRIC PLAN - ALTERNATIVE 1
C2.09	PAVING & JOINT PLAN - ALTERNATIVE 1
C2.10	GRADING & DRAINAGE PLAN - ALTERNATIVE 1
C2.11	UTILITY PLAN - ALTERNATIVE 1
C3.01	EROSION CONTROL DETAILS
C3.02	STORMWATER DETAILS
C3.03	STORMWATER GATE DETAILS
C3.04	SANITARY SEWER DETAILS
C3.05	JOINT DETAILS
C3.06	MISCELLANEOUS DETAILS
C3.07	PAVEMENT DETAILS
C3.08	WALKING AND RAMP/STAIR DETAILS
C3.09	YARD DRAIN DETAILS
C3.10	YARD DRAIN METAL COVER DETAILS
P001	PLUMBING COVER SHEET
P101	PLUMBING PLAN - SITE
P111	PLUMBING PLAN - SS - OFFICE BLDG #1 & 2
P112	PLUMBING PLAN - SS - RESEARCH BLDG #1 & 2
P121	PLUMBING PLAN - GW - OFFICE BLDG #1 & 2
P122	PLUMBING PLAN - GW - RESEARCH BLDG #1 & 2
P201	PLUMBING DETAILS
P301	PLUMBING SCHEDULES
P401	PLUMBING Riser DIAGRAMS



LOCATION MAP
SCALE: 1" = 200'

DATUM USED: VERTICAL: NAVD83 (US SURVEY FEET) ELEVATIONS DERIVED UTILIZING LBL C&G REAL TIME NETWORK (GEOID)
HORIZONTAL: NAD83 (2011 EPOCH 2015), LOUISIANA STATE PLANE COORDINATES, SOUTH ZONE (1702), US SURVEY FEET

BEARINGS ARE: LOUISIANA STATE PLANE COORDINATE SYSTEM

TYPE OF CONSTRUCTION: CLEARING/SURFING, SITE FILL, GRADING, CONCRETE
SIDEWALKS, CONCRETE DRIVEWAYS, ASPHALT PAVING,
AGGREGATE PAVING, DUMPSITE PAD, SIGNAGE, STRIPING

State of Louisiana
Jeff Landry, Governor

Division of Administration
Taylor F. Barras, Commissioner of Administration

Office of Facility, Planning and Control
Roger E. Husser Jr, Director



9107 Interline Avenue
Baton Rouge, LA 70809
1(225) 547-9331 / 1(225) 547-9326
WWW.FORTE&TABLADA.COM
Consulting Engineers, Land Surveyors



LA 00811

www.dorco.com

BY LOUISIANA STATE LAW THE CONTRACTOR IS RESPONSIBLE FOR FINAL VERIFICATION OF THE LOCATION OF THE UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL (811) OR 800-272-3020 AND CITY/PARISH DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO BEGINNING CONSTRUCTION TO HAVE UTILITIES LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES AND MUNICIPALITIES FOR ALL AREAS OF CONSTRUCTION.

GENERAL NOTES:

1. FOR CLEARING AND GRUBBING ALL AREAS WITHIN THE SITE PROPERTY LINES. SEE PREMIER GEOTECH AND TESTING GEOTECHNICAL REPORT DATED JUNE 8TH, 2023. REMOVE ALL TREES.
2. FINISHED GRADE/SLOPES SHALL NOT EXCEED 8% EXCEPT FOR RETAIN, FILL, SLOPES, DITCH BANKS, AND POND SLOPES.
3. EROSION CONTROL DEVICES SHOWN HEREON ARE CONSIDERED TO BE MINIMUM MEASURES. CONTRACTOR TO PROVIDE AND MAINTAIN ADDITIONAL MEASURES AS REQUIRED TO ADHERE TO THE SWPPP AND GENERAL PERMITS. SEE SWPPP 03.01.
4. CONTRACTOR TO REMOVE EXCESS FILL FROM SITE.
5. CONTRACTOR RESPONSIBLE FOR CONSTRUCTION PHASE SWPPP PLAN AND COMPLIANCE WITH CITY, PARISH AND DCD REGULATIONS REGARDING STORM WATER RUNOFF.
6. CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN REGRADING DITCHES TO NOT DAMAGE EXISTING UTILITIES.



SCALE: 1" = 30'



LEGEND
PROP. REMOVAL

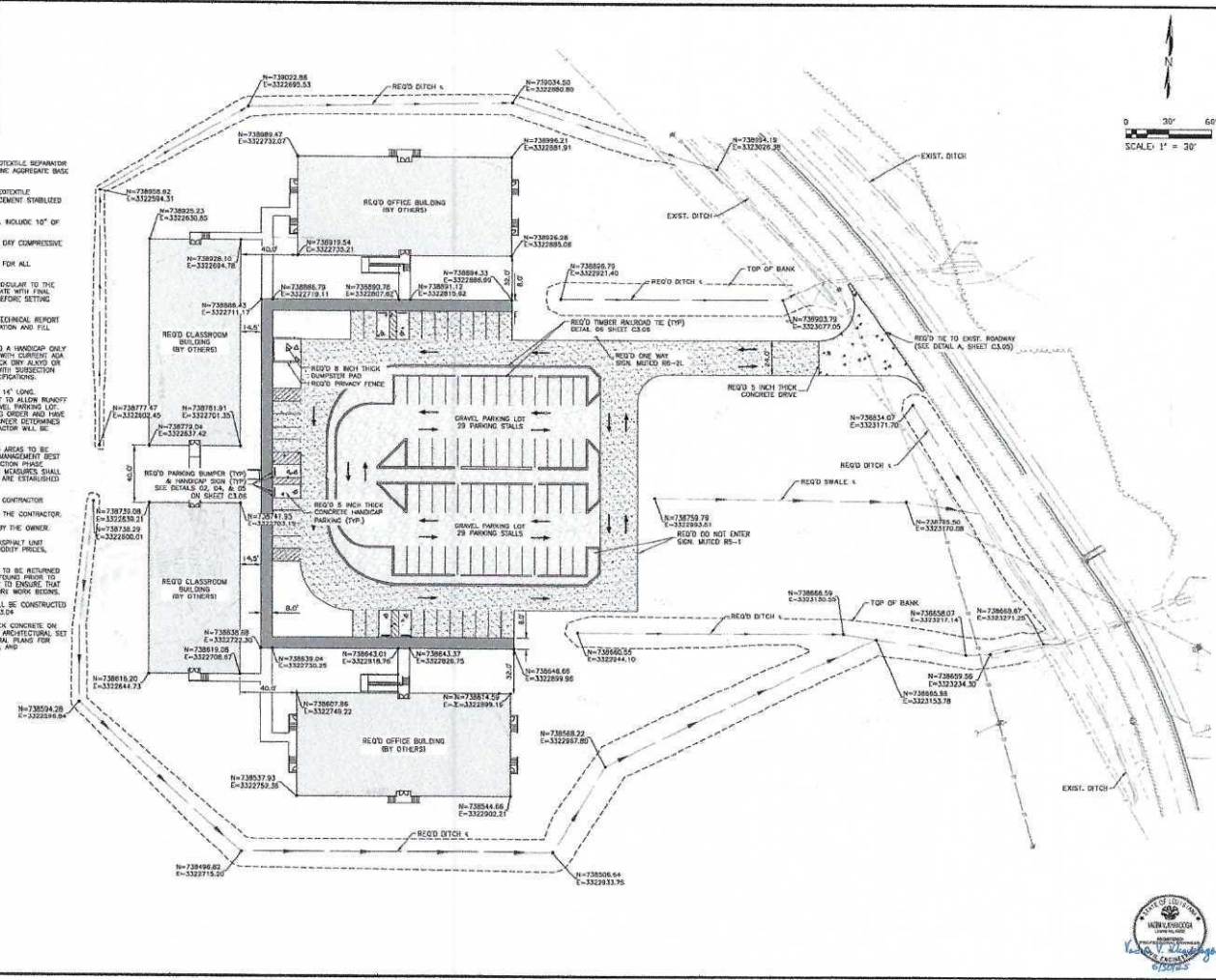
FORTE & TABLADA ENGINEERS & ARCHITECTS 1000 PINE STREET, SUITE 100 NEW ORLEANS, LA 70112 PHONE: (504) 581-1000 FAX: (504) 581-1001 WWW.FORTEANDTABLADA.COM		PROJECT NO.: 23-008 SHEET NO.: 1 OF 1 DATE: 06/2023 DRAWN BY: J. B. BROWN CHECKED BY: J. B. BROWN APPROVED BY: J. B. BROWN	SITE UTILITIES AND PAYING TEMPORARY BUILDINGS 1000 PINE STREET, SUITE 100 NEW ORLEANS, LA 70112 STATE ID NO.: 12456 - SITE CODE: 2-1-008 DESIGN AND EROSION CONTROL PLAN
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LA 811
www.la811.com

BY LOUISIANA STATE LAW THE CONTRACTOR IS RESPONSIBLE FOR FINAL VERIFICATION OF THE LOCATION OF THE UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL (811) OR (800-272-3320) AND CITY/PARISH DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO WORK COMMENCEMENT TO HAVE UTILITIES LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING WITH THE CITY COMPANIES AND MUNICIPALITIES FOR ALL AREAS OF CONSTRUCTION.

- GENERAL NOTES:**
1. ALL GRAVEL SECTIONS SHALL INCLUDE GEOTEXTILE SEPARATOR FABRIC AND 10" COMPACTED 619 LIMESTONE AGGREGATE BASE COURSE.
 2. ALL ASPHALT SECTIONS SHALL INCLUDE GEOTEXTILE SEPARATOR FABRIC AND 12" COMPACTED CEMENT STABILIZED BASE.
 3. ALL CONCRETE PAVEMENT SECTIONS SHALL INCLUDE 12" OF LIME STABILIZED BASE.
 4. ALL CONCRETE AREAS TO BE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION PHASE DRAINAGE.
 6. FOR SITE LAYOUT, DISTANCES ARE PERPENDICULAR TO THE PROPERTY LINE. CONTRACTOR TO COORDINATE WITH FINAL STRUCTURAL AND ARCHITECTURAL PLANS BEFORE SETTING BUILDING CORNERS.
 7. SEE PROPOSED GEOTECH AND TESTING GEOTECHNICAL REPORT DATED JUNE 8TH, 2024 FOR SITE PREPARATION AND FILL CONSTRUCTION REQUIREMENTS.
 8. STOPPING, BLUE PAINTED WHEEL CHAIR AND A HANDICAP ONLY PARKING SIGN SHALL BE IN ACCORDANCE WITH CURRENT ADA GUIDELINES. PARK SHALL OTHER BE QUICK DRY ALKYL OR WATER BASED TRAFFIC PAINT COMPLYING WITH SUBSECTION 1010.12 OF THE LA ADOPTED STANDARD SPECIFICATIONS.
 9. ALL BARRICADE TIES TO BE A MINIMUM OF 14" LONG. BARRICADE TIES SHOULD BE KEPT AT ANGLE TO ALLOW RUNOFF TO SHEET FLOW UNRESTRICTED FROM GRAVEL PARKING LOT. MATERIAL TIES MUST BE IN USED BEFORE ORDER AND HAVE MINIMAL DETRIORATION. IF PROJECT ENGINEER DETERMINES BARRICADE TIES TO BE INADEQUATE, CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING.
 10. STORMWATER MANAGEMENT: ALL DISTURBED AREAS TO BE SEED AND FERTILIZED AS STORMWATER MANAGEMENT BEST MANAGEMENT PRACTICES (BMPs). CONSTRUCTION PHASE STORMWATER POLLUTION PREVENTION PLAN MEASURES SHALL REMAIN IN PLACE UNTIL VEGETATIVE BMPs ARE ESTABLISHED AND THEIR MAINTENANCE HAS BEGUN.
 11. PROOF ROLL SHALL BE PAID FOR BY THE CONTRACTOR.
 12. CONCRETE DESIGN MIX SHALL BE PAID BY THE CONTRACTOR.
 13. ALL OTHER TESTING SHALL BE PAID FOR BY THE OWNER.
 14. NO ADJUSTMENTS WILL BE MADE TO THE ASPHALT UNIT PRICES BASED ON FLUCTUATIONS IN COMMODITY PRICES INCLUDING FUEL.
 15. ALL FACILITIES USED BY THE CONTRACTOR TO BE RETURNED TO THE CONDITION IN WHICH THEY WERE FOUND PRIOR TO THE START OF THE PROJECT. CONTRACTOR TO ENSURE THAT DRAINAGE IS NOTED AND RECONSTRUCT BEFORE WORK BEGINS.
 16. SEWERLINES WITH A WIDTH OF 8 FEET SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL GOV. SHEET C-20.
 17. ALL SEWERLINES NOT IDENTIFIED AS 4" THICK CONCRETE ON THESE CIVIL PLANS ARE INCLUDED IN THE ARCHITECTURAL SET OF DRAWINGS. REFER TO THE ARCHITECTURAL PLANS FOR ADDITIONAL SEWER LAYOUT, DIMENSIONS, AND SPECIFICATIONS.

LEGEND	
	EXIST. BUILDING (BY OTHERS)
	EXIST. ASPHALT PAVEMENT
	EXIST. 8" CONCRETE PAVEMENT
	EXIST. 12" ASPHALT PAVEMENT
	EXIST. 12" CONCRETE PAVEMENT
	EXIST. 12" ASPHALT PAVEMENT
	EXIST. 12" CONCRETE PAVEMENT
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	EXIST. 12" CONCRETE PAVEMENT
	EXIST. 12" ASPHALT PAVEMENT
	EXIST. 12" CONCRETE PAVEMENT



FORTE & TABLADA

REGISTERED PROFESSIONAL ENGINEER
STATE OF LOUISIANA
NO. 104,000
EXPIRATION DATE 12/31/2025

PROJECT INFORMATION

PROJECT NO.	24-001
DATE	01/15/2024
CLIENT	STATE OF LOUISIANA
LOCATION	STATE OF LOUISIANA
DESCRIPTION	STATE OF LOUISIANA

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	01/15/2024

APPROVED

FORTE & TABLADA

LA 0811

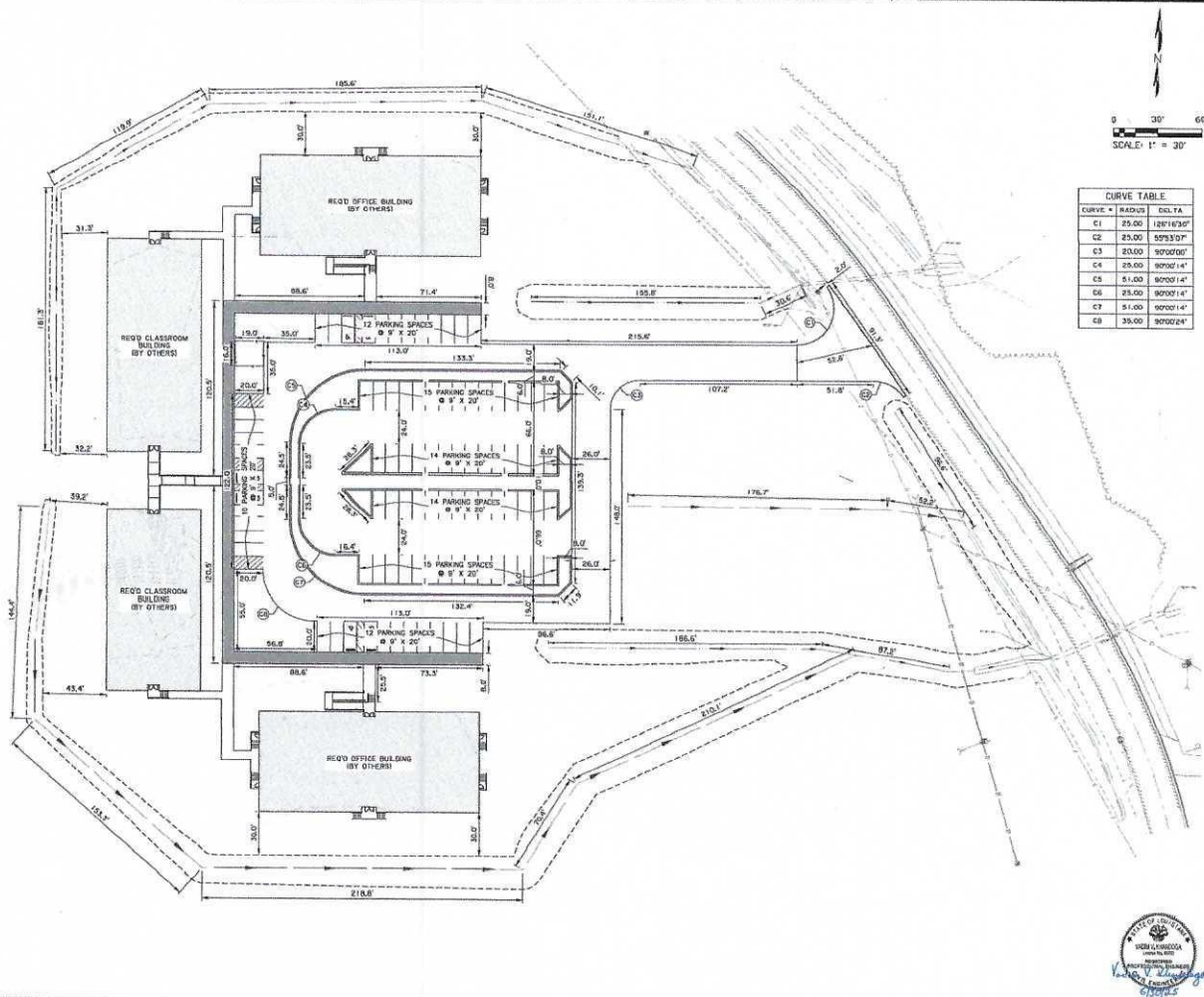
BY LOUISIANA STATE LAW THE CONTRACTOR IS RESPONSIBLE FOR FINAL VERIFICATION OF THE LOCATION OF THE UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL (811 OR 800-272-3200) AND CITY/PARISH DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO WORK COMMENCEMENT TO HAVE UTILITIES LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES AND MUNICIPALITIES FOR ALL AREAS OF CONSTRUCTION.

GENERAL NOTES:

1. HANDICAP PARKING AREA TO INCLUDE BLUE "P" PARKING STIPES, BLUE PRINTED WHEEL CHAIR AND WHEEL STOP, AND A HANDICAP ONLY PARKING SIGN. ALL IN ACCORDANCE WITH CURRENT ADA GUIDELINES. PARKING SHALL EITHER BE GRASS, DRY ASPHALT OR WATER BASED TRAFFIC PAINT COMPLYING WITH SUBSECTION 1015.12 OF THE LA 2003 STANDARD SPECIFICATIONS.
2. ALL MEASUREMENTS AND DIMENSIONS SHOWN ARE TO OUTSIDE OF MAIN ROAD PAVEMENT.
3. ALL CONCRETE TO BE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
4. SURFACE CRACKS SHALL BE ROUTED OUT AND FILLED WITH SEALANT.
5. CONTRACTOR TO PROOF ROLL SUBGRADE WHERE NEW PAVEMENT IS CALLED FOR PRIOR TO PLACING. ALL AREAS OF FAILURE TO BE REMOVED AND REPLACED.
6. STANDARD ACCESSIBLE PARKING SPACES SHALL BE 9 FEET WIDE BY 20 FEET LONG.
7. STRIPED ACCESSIBLE SPACES BETWEEN ACCESSIBLE WALKWAYS SHALL BE A MINIMUM OF 5 FEET WIDE BY 20 FEET LONG.
8. ALL ACCESSIBLE SPACES AND WALKWAYS SHALL BE PROPERLY STRIPED AND SIGNED IN ACCORDANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN AND APPLICABLE LOCAL REGULATIONS.

LEGEND

	PAVED BUILDING (BY OTHERS)
	HEAD-UP CONCRETE PAVEMENT
	ROAD CENTER



CURVE TABLE

CURVE #	RADIUS	DELTA
C1	25.00	120°14'30"
C2	25.00	59°53'07"
C3	20.00	90°00'00"
C4	25.00	90°00'14"
C5	51.00	90°00'14"
C6	25.00	90°00'14"
C7	51.00	90°00'14"
C8	35.00	90°00'24"



FORTE & TABLADA

REGISTERED PROFESSIONAL ENGINEER
STATE OF LOUISIANA
No. 19616-A-01, F.190084-1
DATE: 05/11/2009
PROJECT: SITE UTILITIES AND PAVING, TEMPORARY BUILDINGS
SOUTHERN UNIVERSITY - BATON ROUGE, LA
SHEET: 02.03

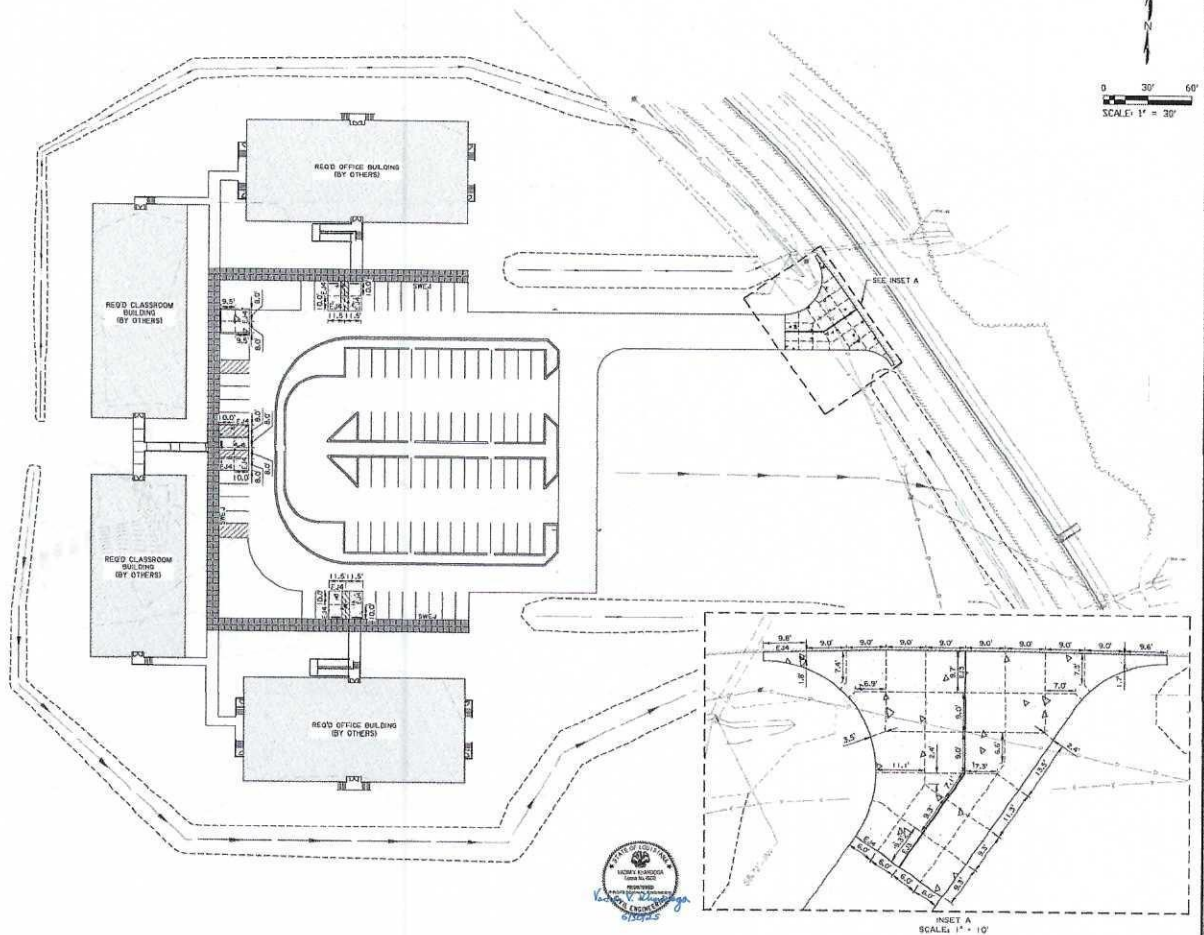
STATE LAW THE

GENERAL NOTES:

1. ALL SIDEWALK JOINTS ARE SET AT 4' TYPICAL INTERVALS UNLESS OTHERWISE SHOWN. ALL SIDEWALK JOINTS ARE SIDEWALK CONTRACTION JOINTS (SCJ) UNLESS OTHERWISE NOTED. SEE SHEET C3.05 FOR DETAILS.
2. ALL JOINTS TO BE CONSTRUCTION JOINTS (CJ) UNLESS NOTED OTHERWISE.

REG

	REIN. BARS OF STEEL
	REIN. 4" CONCRETE PAYMENT
	REIN. 3" CONCRETE PAYMENT
	REIN. 6" CONCRETE PAYMENT
	CONSTRUCTION JOINT
	EXPANSION JOINT
	EXPANSION JOINT
	SIDEWALK EXPANSION JOINT
	SIDEWALK CONSTRUCTION JOINT
	ROAD DITCH



30° 60°
SCALE: 1" = 30'

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
FORTE & TABLADA ARCHITECTS 1000 15th Street, N.W. Atlanta, Georgia 30335 Phone: (404) 525-1100 Fax: (404) 525-1101 PROJECT NO. 1000 15th Street, N.W. DATE: 10/1/90 BY: [Signature] FOR: [Signature]																																																																																																			
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LA 811

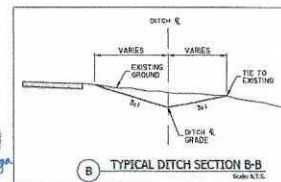
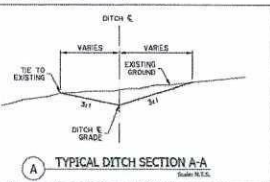
www.la811.com

BY LOUISIANA STATE LAW THE CONTRACTOR IS RESPONSIBLE FOR FINAL VERIFICATION OF THE LOCATION OF THE UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL 811 OR 800-277-3320 AND CITY/PARISH DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO WORK COMMENCEMENT TO HAVE UTILITIES LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE CITY/COMPREHENSIVE AND VARIOUS UTILITIES FOR ALL AREAS OF CONSTRUCTION.

GENERAL NOTES:

- CONTRACTOR TO SLOPE AWAY FROM THE EDGE OF DRIVEWAY AND PAVEMENT AT 4:1 UNLESS OTHERWISE INDICATED.
- ALL SIDEWALKS TO HAVE A MINIMUM CROSS SLOPE OF 2.00% AND CONFORM TO CURRENT ADA GUIDELINES.
- QUANTITIES ARE FOR INFORMATION AND NO PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR ACTUAL QUANTITIES AT A LUMP SUM PROJECT COST. NO COMPENSATION WILL BE CONSIDERED OR AWARDED FOR DIFFERENCES BETWEEN QUANTITIES SHOWN ON SHEET AND ACTUAL CONSTRUCTION.
- ALL STORM DRAIN PIPE TO BE REINFORCED CONCRETE OR PVC 4800 MANUFACTURED BY CORTON CONSTRUCTION PRODUCTS, INC. ADVANCED DRAINAGE SYSTEMS.
- PRECAST DRAINAGE INLET MANHOLE: CONCRETE COMPRESSIVE STRENGTH OF 4000 PSI IN 28 DAYS. REINFORCING STEEL PER ASTM A-615, GRADE 60. JOINTS TO MEET ASTM A-615-33. JOINT SEALANT: DRAINAGE GASKET MATERIAL, JOINT SOL NO. 2 OR APPROVED EQUAL.
- CONTRACTOR TO DETERMINE THE LOCATION OF EXISTING DRAINAGE WITH MECHANICAL PLANS AND DOWNSPOUTS WITH ARCHITECTURAL PLANS.
- CONTRACTOR TO VERIFY TOP ELEVATIONS WITH GRADING PLAN PRIOR TO FABRICATION OF ALL STRUCTURES.
- AQUA-DRAINAGE CATCH BASIN INVERT MANUFACTURED BY AQUA-DRAIN, INC. FLEXITON CATCH BASIN INVERT MANUFACTURED BY INLET & PIPE PROTECTION (IPP), OR APPROVED EQUAL, TO BE INSTALLED IN ALL CATCH BASINS.

LEGEND	
	REED BUILDING BY OTHERS
	REED OF CONCRETE PAVEMENT
	REED DITCH
	DRAINAGE FLOW PATH
	REED CATCH BASIN
	REED LAND DRAIN
	REED PIPE
	REED BRUSH
	EXIST. GRADE
	EXIST. CENTER LABEL
	REED CENTER LABEL



DRAINAGE STRUCTURE TABLE				
STRUCT. ID	TOP OF S	INV. ELEV.	TYPE	
101	62.91	60.00	CB-01	
103	63.00	60.00	CB-01	
201	62.91	59.54	CB-01	
301	62.80	59.80	CB-01	
303	62.79	59.76	CB-01	
305	62.75	59.43	CB-01	
401	63.47	62.29	YARD DRAIN	
403	63.40	61.57	YARD DRAIN	
405	63.48	60.71	YARD DRAIN	
407	63.48	60.10	YARD DRAIN	
409	63.50	61.51	YARD DRAIN	
411	63.49	60.10	YARD DRAIN	
413	63.49	61.06	YARD DRAIN	
415	63.49	60.01	YARD DRAIN	
417	63.48	60.01	YARD DRAIN	
419	63.47	59.84	YARD DRAIN	
421	63.45	59.63	YARD DRAIN	
423	63.47	61.00	YARD DRAIN	
425	63.47	59.64	YARD DRAIN	
427	63.48	60.24	YARD DRAIN	
429	63.48	61.10	YARD DRAIN	
431	63.47	62.00	YARD DRAIN	

DRAINAGE PIPE TABLE						
PIPE ID	LENGTH (FT)	SIZE (IN)	SLOPE (%)	TYPE	DES. INV.	END INV.
100	48	12	0.20X	S.D.P.	60.10	60.00
102	21	12	0.20X	S.D.P.	60.08	60.00
104	48	12	0.20X	S.D.P.	60.10	60.00
106	174	15	0.20X	S.D.P.	60.00	59.65
200	41	12	0.20X	S.D.P.	59.63	59.54
202	49	12	0.20X	S.D.P.	59.64	59.54
203	190	15	0.20X	S.D.P.	59.54	59.16
302	56	15	0.31X	S.D.P.	59.80	59.43
304	61	15	0.31X	S.D.P.	59.76	59.50
305	134	18	0.31X	S.D.P.	59.58	59.16
402	47	6	1.50X	Y.O.P.	62.29	61.57
404	57	6	1.50X	Y.O.P.	61.57	60.71
406	40	6	1.20X	Y.O.P.	60.71	60.10
410	45	6	3.00X	Y.O.P.	61.51	60.10
412	47	6	2.00X	Y.O.P.	61.06	60.10
414	46	6	2.00X	Y.O.P.	60.01	61.06
418	38	6	3.00X	Y.O.P.	62.01	60.84
420	39	6	3.00X	Y.O.P.	60.84	59.83
422	39	6	3.47X	Y.O.P.	61.00	59.63
426	39	6	1.50X	Y.O.P.	60.24	59.64
428	27	6	1.50X	Y.O.P.	61.10	60.84
430	48	6	2.00X	Y.O.P.	62.00	61.10

FORTE & TABLATA

1915 PINE STREET, SUITE 100, NEW ORLEANS, LA 70112
 PHONE: (504) 581-1111 FAX: (504) 581-1112
 WWW.FORTETABLATA.COM

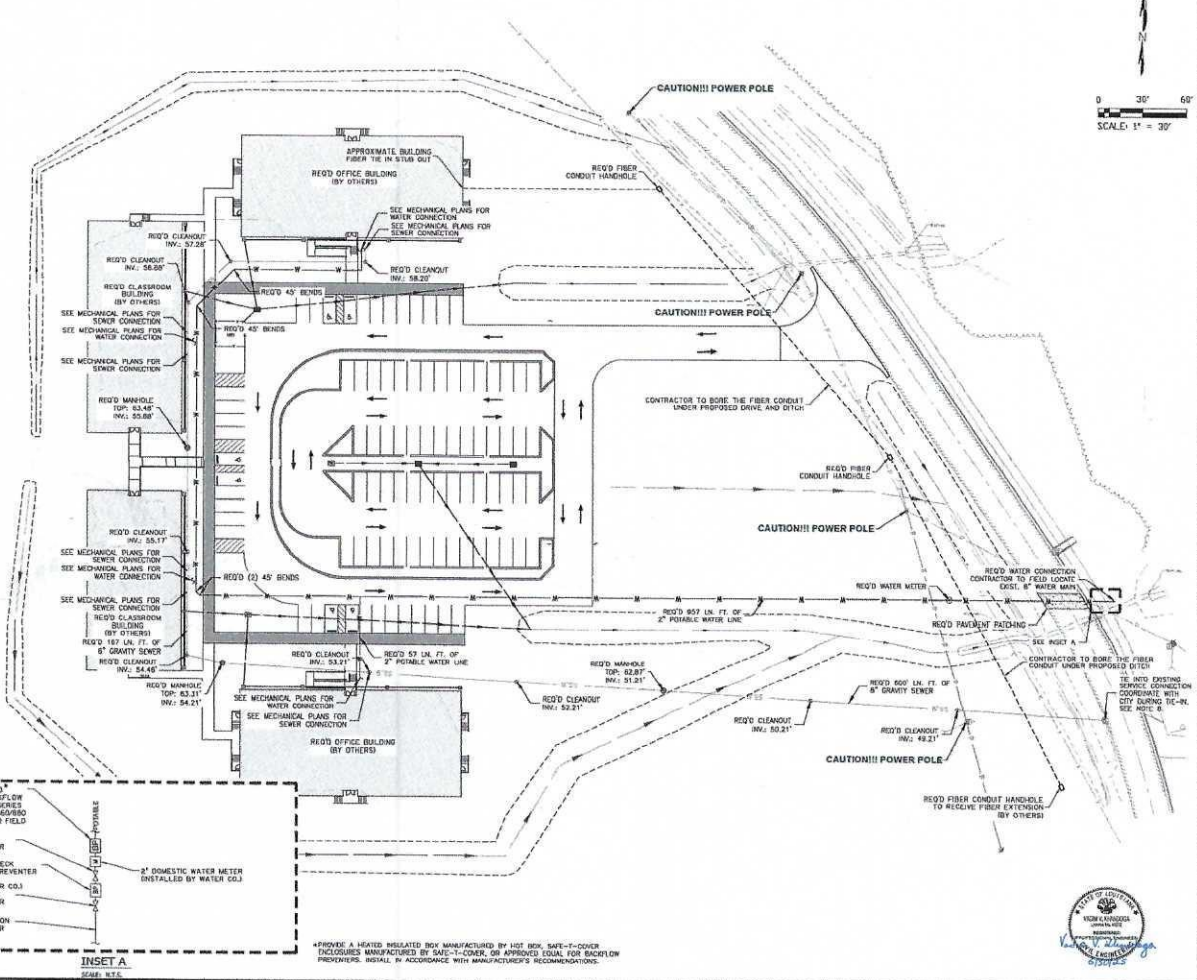
STATE OF LOUISIANA
 PROJECT NO. 19-1516-14-01 F-19002441
 STATE OF LOUISIANA - SITE CODE: 2-17-02B
 GRADING & DRAINAGE PLAN

LA 0000011

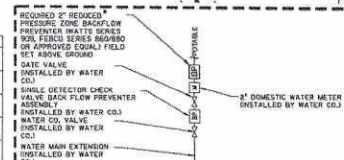
BY LOUISIANA STATE LAW, THE CONTRACTOR IS RESPONSIBLE FOR FINAL VERIFICATION OF THE LOCATION OF THE UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL (811) OR 1-800-272-8200 AND CITY/PARISH DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO WORK COMMENCEMENT TO HAVE UTILITIES LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES AND MUNICIPALITIES FOR ALL AREAS OF CONSTRUCTION.

GENERAL NOTES:

1. QUANTITIES ARE FOR INFORMATION AND BID PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR ACTUAL QUANTITIES AT A LUMP SUM PROJECT COST. BID DIFFERENCES BETWEEN QUANTITIES SHOWN ON SHEET AND ACTUAL CONSTRUCTION.
2. CONTRACTOR TO CROSS GRAVITY SEWER AND GRAVITY DRAINAGE LINES WITH A MINIMUM VERTICAL CLEARANCE OF 18" FOR WATER, GAS AND UNDERGROUND ELECTRICITY.
3. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES AND PAY ALL FEES ASSOCIATED WITH SINKING UTILITIES TO THE BUREAU.
4. CONTRACTOR TO COORDINATE ALL BUILDING CONNECTIONS WITH GENERAL PLUMBING, ELECTRICAL, & MECHANICAL CONTRACTORS DURING BID AND CONSTRUCTION.
5. ALL WATER CONNECTIONS AND BACKFLOW PREVENTERS TO BE INSTALLED ACCORDING TO CURRENT CITY AND LOUISIANA STATE PLUMBING CODE SPECIFICATIONS.
6. ALL 8" SANITARY SEWER LINES SHALL BE AT MINIMUM 0.4% SLOPE AND 6" SEWER LINES SHALL BE AT MINIMUM 1.0% SLOPE.
7. THE LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT LA ONE CALL AND THE VARIOUS UTILITY COMPANIES TO VERIFY THE EXACT LOCATION, SIZE, DEPTH, ETC. OF ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE INCURRED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS. ANY DAMAGE DONE TO UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
8. CONTRACTOR RESPONSIBLE FOR COSTS ASSOCIATED WITH INSTALLING NEW MANHOLE AND CONNECTING TO CITY SEWAGE SYSTEM.
9. ELECTRICAL SERVICE RELATED TO THE BUILDING DISTRIBUTION PANELS TO BE PROVIDED BY OTHERS.



LEGEND	
—	RECD 12" POTABLE WATER
—	RECD 8" GRAVITY SEWER
—	RECD 8" GRAVITY SEWER
—	RECD 8" GRAVITY SEWER
—	RECD SEWER MANHOLE
—	RECD SEWER CLEANOUT



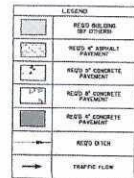
* PROVIDE A HEATED INSULATED BOX MANUFACTURED BY JST BOX, SAFE-T-COVER ENCLOSURES MANUFACTURED BY SAFE-T-COVER, OR APPROVED EQUAL FOR BACKFLOW PREVENTORS. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

SCALE: 1" = 30'

SITE UTILITIES AND PAVING - TEMPORARY BUILDINGS
 5000 N. RIVER ROAD, SUITE 100, METairie, LA 70002
 SP. No. 19-015-14-01, F. 15020461
 STATE OF LOUISIANA - SITE CODE: 2-17-008
 UTILITY PLAN
 DATE: 1-1-20
 FORTE & TABLADA
 CIVIL ENGINEERS
 LICENSE NO. 10000
 STATE OF LOUISIANA
 EXPIRATION DATE: 12-31-2024

BY LOUISIANA STATE LAW THE CONTRACTOR IS RESPONSIBLE FOR FINAL VERIFICATION OF THE LOCATION OF THE UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL (811 OR 800-272-3120) AND CITY/PARISH DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO WORK COMMENCEMENT TO HAVE UTILITIES LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES AND MUNICIPALITIES FOR ALL AREAS OF CONSTRUCTION.

12. ALL DRAIN SECTIONS SHALL INCLUDE GEOTEXTILE SEPARATOR FABRIC AND 10" COMPACTED 10% LIME/STABILIZED AGGREGATE BASE.
13. ALL ASPHALT SECTIONS SHALL INCLUDE GEOTEXTILE SEPARATOR FABRIC AND 12" COMPACTED CEMENT STABILIZED BASE.
14. ALL CONCRETE PAVEMENT SECTIONS SHALL INCLUDE 10" OF LIME STABILIZED BASE.
15. ALL CONCRETE PAVES SHALL BE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION OF THE PAVING AND CURB.
17. FOR SITE LAYOUT, ESTIMATES ARE COORDINATE TO THE PROPERTY LINE. CONTRACTOR TO CORRESPOND WITH FINAL CONSTRUCTION ARCHITECTURE, PLANS BEFORE SETTING BUILDING CORNERS.
18. SEE PAVEMENT GEOTECH AND TESTED GEOTECHNICAL REPORT FOR ALL PAVING AND CURB REQUIREMENTS.
19. ALL PAVING SHALL BE PAINTED WHITE CHALK AND A HANDPAID GUY SHALL BE PLACED AT THE END OF EACH PAVING SECTION. THE PAVING SHALL BE WATER BASED TRAFFIC PAINT TO BE APPLIED TO ALL DRIVE OR DRIVE ALTERNATE DRIVEWAYS AND SIDEWALKS. THE PAVING SHALL BE APPLIED TO ALL DRIVEWAYS AND SIDEWALKS.
20. ALL RAILROAD TIES TO BE A MAXIMUM 16' LONG. ALL RAILROAD TIES SHOULD BE KEPT AT 8" MINIMUM GAPS AND RAILROAD TIES SHALL BE KEPT AT 16" MINIMUM GAPS. ALL PAVING UNDER RAILROAD TIES SHALL BE 10" COMPACTED 10% LIME/STABILIZED AGGREGATE BASE. ALL RAILROAD TIES TO BE REINFORCED. CONTRACTOR TO MAINTAIN ALL RAILROAD TIES TO BE REINFORCED. CONTRACTOR TO MAINTAIN ALL RAILROAD TIES TO BE REINFORCED.
21. STORMWATER MANAGEMENT: ALL DISTURBED AREAS TO BE SEEDS AND FERTILIZED AS STORMWATER MANAGEMENT BEST MANAGEMENT PRACTICES (BMP) REQUIREMENTS. ALL DISTURBED AREAS TO BE SEEDS AND FERTILIZED AS STORMWATER MANAGEMENT BEST MANAGEMENT PRACTICES (BMP) REQUIREMENTS. ALL DISTURBED AREAS TO BE SEEDS AND FERTILIZED AS STORMWATER MANAGEMENT BEST MANAGEMENT PRACTICES (BMP) REQUIREMENTS.
22. STORMWATER POLLUTION PREVENTION PLAN MEASURES SHALL BE IN PLACE AND MAINTAINED THROUGHOUT THE CONSTRUCTION OF THE PROJECT. ALL DISTURBED AREAS TO BE SEEDS AND FERTILIZED AS STORMWATER MANAGEMENT BEST MANAGEMENT PRACTICES (BMP) REQUIREMENTS.
23. PROOF ROLL SHALL BE PAID FOR BY THE CONTRACTOR.
24. CONCRETE DESIGN MIX SHALL BE PAID BY THE CONTRACTOR.
25. ALL OTHER TESTING SHALL BE PAID FOR BY THE OWNER.
26. NO ADDITIONS WILL BE MADE TO THE ASPHALT UNIT PRICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION OF THE PAVING AND CURB.
27. ALL PAVING SHALL BE PAINTED WHITE CHALK AND A HANDPAID GUY SHALL BE PLACED AT THE END OF EACH PAVING SECTION. THE PAVING SHALL BE WATER BASED TRAFFIC PAINT TO BE APPLIED TO ALL DRIVE OR DRIVE ALTERNATE DRIVEWAYS AND SIDEWALKS. THE PAVING SHALL BE APPLIED TO ALL DRIVEWAYS AND SIDEWALKS.
28. SIDEWALKS WITH A WIDTH OF 8' OR FEWER SHALL BE CONSTRUCTED TO A MINIMUM OF 12" COMPACTED 10% LIME/STABILIZED AGGREGATE BASE.
29. ALL SIDEWALKS NOT IDENTIFIED AS 4" THICK CONCRETE OR THICKER SHALL BE CONSTRUCTED TO A MINIMUM OF 12" COMPACTED 10% LIME/STABILIZED AGGREGATE BASE.
30. ALL SIDEWALKS ARE INCLUDED IN THE ARCHITECTURAL SET DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION OF THE PAVING AND CURB.
31. ALL SIDEWALKS SHALL BE PAINTED WHITE CHALK AND A HANDPAID GUY SHALL BE PLACED AT THE END OF EACH PAVING SECTION. THE PAVING SHALL BE WATER BASED TRAFFIC PAINT TO BE APPLIED TO ALL DRIVE OR DRIVE ALTERNATE DRIVEWAYS AND SIDEWALKS. THE PAVING SHALL BE APPLIED TO ALL DRIVEWAYS AND SIDEWALKS.



ITIES AND PAVING, TEMPORARY BUILDINGS
ERN UNIVERSITY - BATON ROUGE, LA
P. No. 19-61E-14-OJ, F.1900264
E ID No.:N/A - SITE CODE: 2-17-038

DATE	6-30-21	SOUTH STATE SITE UTIL
SCALE	1" = 30'	
DETACHED UNDETACHED VMC VMC	DETACHED UNDETACHED VMC VMC	

ATTENTION:
Use only 1/2" x 1/2" x 1/2" (3/16" x 3/16" x 3/16")
STANDARD (SMA) SOLDER
DO NOT SOLDER THIS
PAD TO ANY OTHER
PAD

FORTE 2
TABLADA

1/2" x 1/2" x 1/2" (3/16" x 3/16" x 3/16")
STANDARD (SMA) SOLDER
DO NOT SOLDER THIS
PAD TO ANY OTHER
PAD

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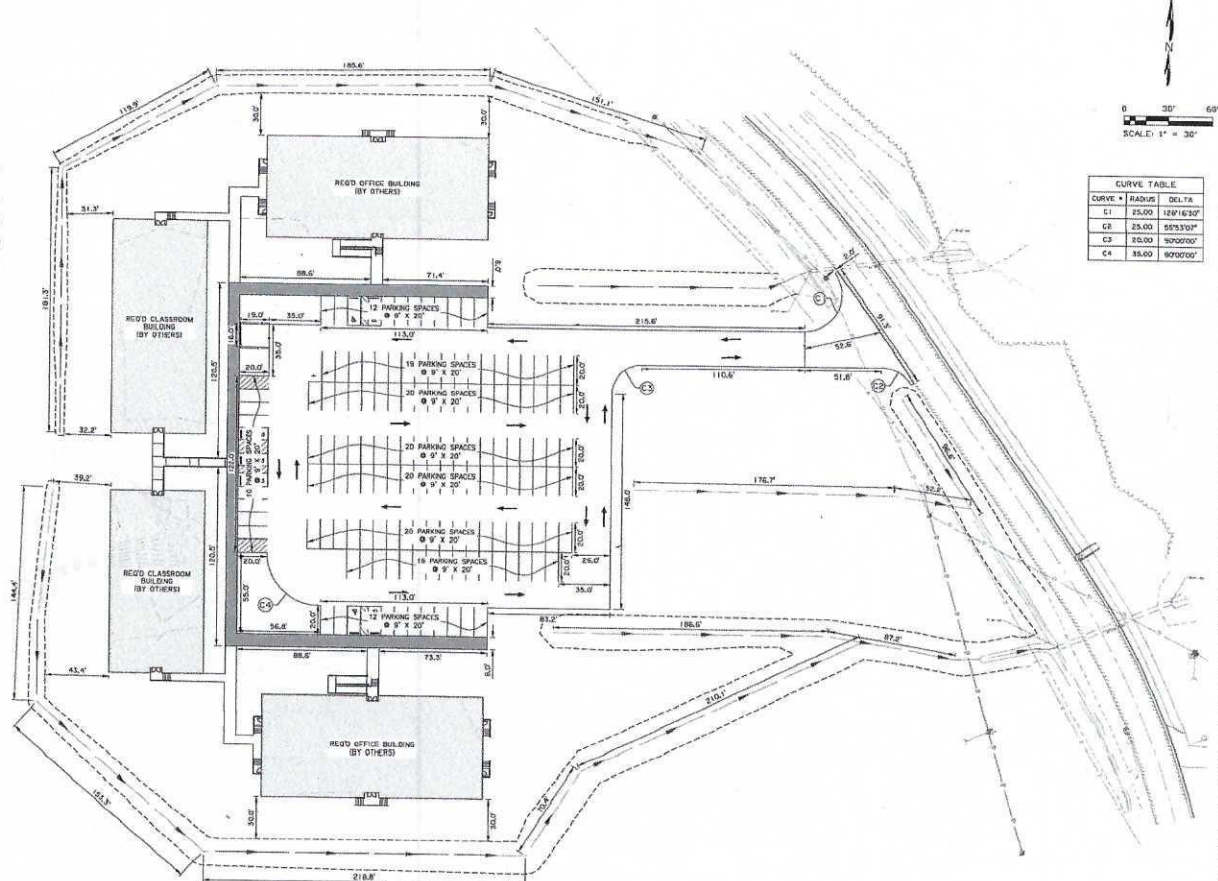
LA 00000111
www.homedecor.com

BY LOUISIANA STATE LAW THE CONTRACTOR IS RESPONSIBLE FOR FINAL VERIFICATION OF THE LOCATION OF THE UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL (811) OR (504) 388-3000 AND CIVIL/PAVING DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO WORK COMMENCEMENT TO HAVE UTILITIES LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES AND MUNICIPALITIES FOR ALL AREAS OF CONSTRUCTION.

GENERAL NOTES:

1. HANDICAP PARKING AREA TO INCLUDE BLUE "H" PARKING SIGNING, BLUE PAINTED WHEEL CHAIR AND WHEEL STOP, AND A HANDICAP ONLY PARKING SIGN. ALL IN ACCORDANCE WITH CURRENT ADA GUIDELINES. PAINT SHALL EITHER BE QUICK DRY ACRYL OR WATER BASED TRAFFIC PAINT COMPLYING WITH SECTION 105.12 OF THE LA DOTD STANDARD SPECIFICATIONS.
2. ALL MEASUREMENTS AND DIMENSIONS SHOWN ARE TO CENTER OF RAILROAD TIE.
3. ALL CONCRETE TO BE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
4. SURFACE CRACKS SHALL BE ROUTED OUT AND FILLED WITH SEALANT.
5. CONTRACTOR TO PROVIDE SLOPE SURROUNDING NEW PAVEMENT IS COLLECTED FOR PRIOR TO PLACING FULL AREA OF PAVING TO BE REMOVED AND REPLACED.
6. STANDARD ACCESSIBLE PARKING SPACES SHALL BE 9 FEET WIDE BY 20 FEET LONG.
7. BARRIERS ACCESSIBLE BETWEEN ACCESSIBLE AREAS SHALL BE A MINIMUM OF 5 FEET WIDE BY 20 FEET LONG.
8. ALL ACCESSIBLE SPACES AND AREAS SHALL BE PROPERLY STRIPED AND SIGNED IN ACCORDANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN AND APPLICABLE LOCAL REGULATIONS.

LEGEND	
	RECY BUILDING (BY OTHERS)
	RECY 4" CONCRETE PAVEMENT
	RECY DRAIN
	TRAFFIC FLOW



CURVE TABLE		
CURVE	RADIUS	DEG. FT.
C1	25.00	1247.45
C2	25.00	2975.50
C3	20.00	3070.00
C4	35.00	6070.00

SITE UTILITIES AND PAVING, TEMPORARY BUILDINGS
SOUTHERN UNIVERSITY - BATON ROUGE, LA
STATE ID NUMBER - SITE CODE 217-338
GEOMETRIC PLAN - ALTERNATIVE 1

FORTE & TABLADA

REGISTERED PROFESSIONAL ENGINEER
STATE OF LOUISIANA
NO. 12345
DATE 12/1/2023



OFF LOUISIANA STATE LAW THE CONTRACTOR IS RESPONSIBLE FOR FINAL VERIFICATION OF THE LOCATION OF THE UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL (811 OR 800-272-3020) AND CITY/PARISH DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO WORK COMMENCEMENT TO HAVE UTILITIES LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES AND MUNICIPALITIES FOR ALL AREAS OF CONSTRUCTION.

1. ALL SIDEWALK JOINTS ARE SET AT 4' TYPICAL INTERVALS UNLESS OTHERWISE SHOWN. ALL SIDEWALK JOINTS ARE SIDEWALK CONTRACTION JOINTS (SCJC) UNLESS OTHERWISE NOTED. SEE SHEET C3.05 FOR DETAILS.
2. ALL JOINTS TO BE CONSTRUCTION JOINTS (CJ) UNLESS NOTED OTHERWISE.



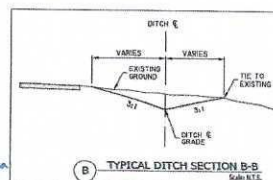
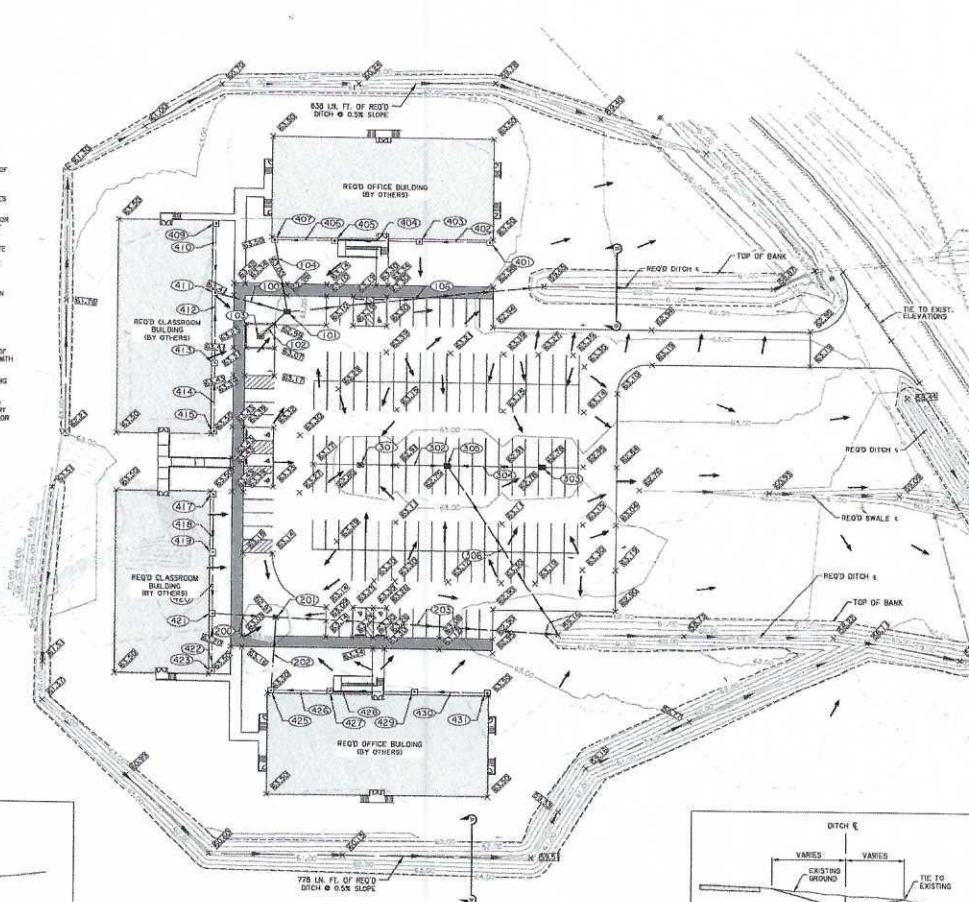
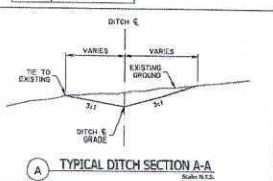
LEGEND	
	REIN BUILDING (BT OTHERS)
	REIN AT CONCRETE PAYMENT
	REIN AT CONCRETE PAYMENT
	REIN AT CONCRETE PAYMENT
	CONSTRUCTION JOINT
	EXPANSION JOINT
	EXPANSION JOINT
	SIDEWALK EXPANSION JOINT
	SIDEWALK CONSTRUCTION JOINT
	REIN EXTEN

[illegible]

BY LOUISIANA STATE LAW THE CONTRACTOR IS RESPONSIBLE FOR FINAL VERIFICATION OF THE LOCATION OF THE UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL (811 ON 800-272-3020) AND CITY/PARISH DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO WORK COMMENCEMENT TO HAVE UTILITIES LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES AND MUNICIPALITIES FOR ALL WORK.

GENERAL NOTES:

- CONTRACTOR TO SLOPE AWAY FROM THE EDGE OF GRAVEL AND PAVEMENT AT 4:1 UNLESS OTHERWISE INDICATED.
- ALL CONFORMS TO HAVE A MINIMUM CROSS SLOPE OF 2% AWAY FROM THE SLOPE OF 2:00K AND 1:00K TO DRAINAGE.
- QUANTITIES ARE FOR INFORMATION AND NO PURPOSES TO BE USED FOR BIDDING. QUANTITIES ARE BASED ON THE ASSUMPTION THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DIFFERENCES BETWEEN QUANTITIES SHOWN ON SHEET AND QUANTITIES ACTUALLY REQUIRED.
- ALL STORM DRAIN PIPE TO BE REINFORCED CONCRETE OR PVC 4000 MANHOLES BY CONCRETE.
- CONTRACTOR TO PROVIDE NECESSARY DRAINAGE SYSTEMS, E.G. APPROVED EQUAL.
- PRECISE DRAINAGE BED MATERIALS:
 - 1. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 2. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 3. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 4. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
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 - 46. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 47. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 48. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 49. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 50. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 51. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 52. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
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 - 64. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 65. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 66. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
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 - 88. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 89. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 90. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
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 - 94. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
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 - 96. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 97. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 98. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 99. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
 - 100. 18" MINIMUM GRAVEL TO 400 PSI IN 28 DAYS.
- CONTRACTOR TO COORDINATE THE LOCATION OF ROOF DRAINAGE SYSTEMS, E.G. APPROVED EQUAL.
- CONTRACTOR TO VERIFY TOP ELEVATIONS WITH ENDING SURVEYOR.
- ASPH-GRADUATED CATCH BASIN HAVING MANUFACTURED BY INGLEHART, INC., FLEXITON CATCH BASIN INLET TO BE USED FOR ALL CATCH BASINS.
- CONTRACTOR TO PROVIDE NECESSARY DRAINAGE SYSTEMS, E.G. APPROVED EQUAL TO BE INSTALLED IN ALL CATCH BASINS.



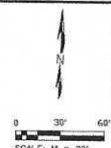
STRUCT ID	TON	REV	TYPE
101	68.91	69.00	CB-01
103	63.00	60.05	CB-01
201	68.91	59.54	CB-01
301	62.50	59.80	CB-01
303	62.78		CB-01
305	62.75	59.43	CB-01
401	63.47	62.29	YARD GRA
403	63.48	61.57	YARD GRA
500	63.49	60.71	YARD GRA
607	63.48	60.10	YARD GRA
629	63.50	61.51	YARD GRA
701	63.49	60.10	YARD GRA
815	63.49	61.06	YARD GRA
815	63.49	62.01	YARD GRA
817	63.49	62.01	YARD GRA
819	63.47	60.84	YARD GRA
821	63.45	59.63	YARD GRA
823	63.47	61.00	YARD GRA
825	63.47	60.14	YARD GRA
827	63.48	60.24	YARD GRA
829	63.48	61.10	YARD GRA
831	63.47	60.29	YARD GRA

PIPE ID	LENGTH (FT)	INCH	SLOPE (IN/100)	TYPE	BER. IN.	END. IN.
100	21	12	0.01%	S.B.P.	60.10	60.06
102	21	12	0.01%	S.B.P.	60.05	60.00
104	48	12	0.01%	S.B.P.	60.10	60.05
106	174	18	0.01%	S.B.P.	60.00	59.95
200	41	12	0.02%	S.B.P.	59.85	59.54
202	49	12	0.02%	S.B.P.	59.84	59.51
203	190	15	0.01%	S.B.P.	59.84	59.11
302	56	15	0.33%	S.D.P.	59.80	55.60
304	61	15	0.31%	S.D.P.	59.78	55.58
308	134	19	0.31%	S.D.P.	59.58	55.16
402	47	6	1.50%	V.P.P.	62.28	61.57
404	40	6	1.50%	V.P.P.	61.57	60.71
406	40	6	1.50%	V.P.P.	60.71	59.84
410	46	6	3.00%	V.P.P.	61.51	60.41
412	47	6	2.00%	V.P.P.	61.05	60.10
414	46	6	3.00%	V.P.P.	62.01	61.06
418	38	6	3.00%	V.P.P.	62.00	60.84
420	38	6	3.00%	V.P.P.	62.00	60.84
422	38	6	3.00%	V.P.P.	62.00	60.84
426	39	6	3.00%	V.P.P.	62.00	60.84
428	39	6	3.00%	V.P.P.	62.00	60.84
436	57	6	1.50%	V.P.P.	61.54	61.24

[illegible]

BY LOUISIANA STATE LAW THE CONTRACTOR IS RESPONSIBLE FOR FINAL VERIFICATION OF THE LOCATION OF THE UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL (811 OR 800-272-3020) AND CITY/PARISH DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO WORK COMMENCEMENT TO HAVE UTILITIES LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES AND MUNICIPALITIES FOR ALL AREAS OF CONSTRUCTION.

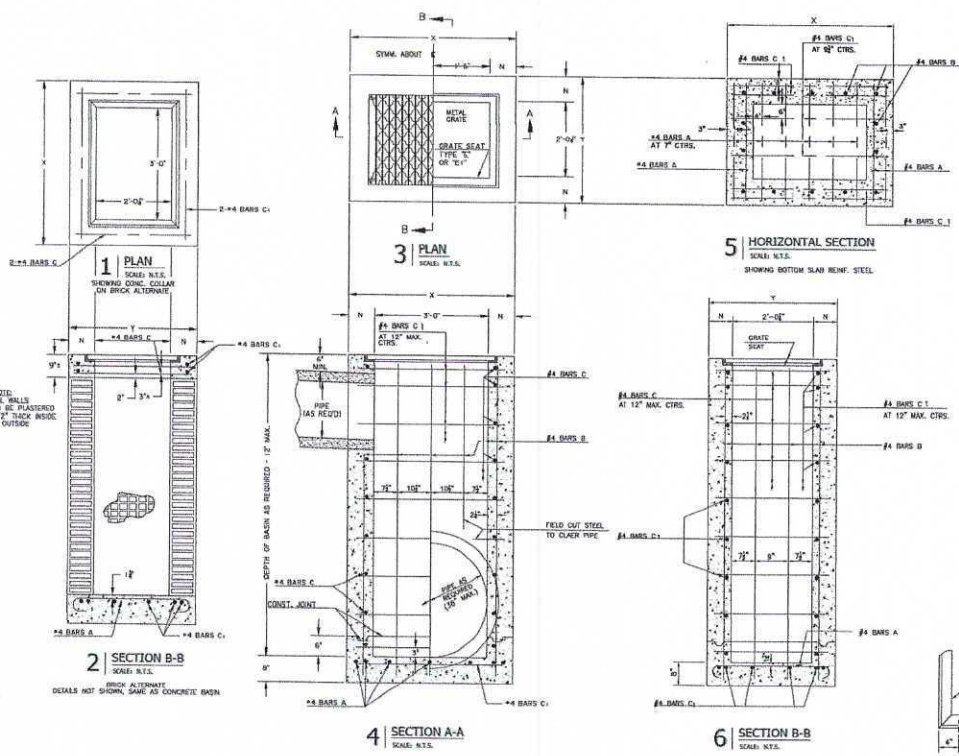
7. QUANTITIES ARE FOR INFORMATION AND BID PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL QUANTITIES AT A LUMP SUM BASIS. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES AND FOR ANY DIFFERENCES BETWEEN QUANTITIES SHOWN ON SHEET AND ACTUAL QUANTITIES.
8. CONTRACTOR TO CROSS GRAFFITY SOWER AND GROUND DRAINAGE LINES WITH A MINIMUM VERTICAL CLEARANCE OF 18" ABOVE THE TOP OF THE SOWER.
9. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES FOR ALL EXISTING AND PROPOSED UTILITIES AND TO BE RESPONSIBLE FOR COORDINATING WITH SERVING UTILITIES TO THE BUILDING.
10. CONTRACTOR TO COORDINATE ALL BUILDING CONNECTIONS WITH ALL EXISTING AND PROPOSED UTILITIES AND TO BE RESPONSIBLE FOR COORDINATING WITH SERVING UTILITIES DURING BID AND CONSTRUCTION.
11. ALL EXISTING AND PROPOSED UTILITIES SHALL BE IDENTIFIED AND MARKED PRIOR TO CONSTRUCTION AND SHALL BE INSTALLED ACCORDING TO CURRENT SDG&E AND CITY OF SAN ANTONIO STANDARDS.
12. ALL 4" SATELLITE SINKER LINES SHALL BE AT MINIMUM 48" DEPTH AND 6" SINKER LINES SHALL BE AT MINIMUM 60" DEPTH.
13. THE LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ON SHEET ARE FOR INFORMATION ONLY. CONTRACTOR SHALL BE RESPONSIBLE ANY CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION, SIZE, DEPTH, AND MATERIAL OF ALL UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OCCASIONED BY ANY CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES. SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL UTILITIES.
14. CONTRACTOR RESPONSIBLE FOR COSTS ASSOCIATED WITH ALL EXISTING AND PROPOSED UTILITIES AND CONNECTING TO CITY SEWER SYSTEM.
15. ELECTRICAL SERVICE ROUTED TO THE BUILDING THROUGH THE CITY MAINLINE AND CONNECTING TO CITY SEWER SYSTEM.



LEGEND	
—W	REQD 2" POTABLE WATER
—S	REQD 4" GRAVITY SEWER
—S	REQD 8" GRAVITY SEWER
—S	REQD SEWER MANHOLE
—S	REQD SEWER CLEANOUT

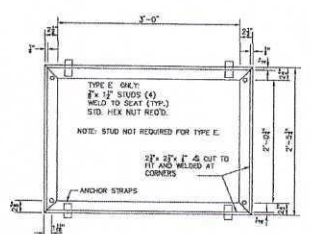
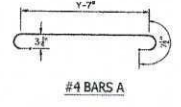
4. PROVIDE A HEATED INSULATED BOX MANUFACTURED BY HOT BOX, SAFE-T-COVER ENCLOSURES MANUFACTURED BY SAFE-T-COVER, OR APPROVED EQUAL FOR BACKFLOW PREVENTERS. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

[illegible]



DIMENSIONS

	DEPTH OF BASIN	H	X	Y
	FOOT	IN.	FT.-IN.	FT.-IN.
CONCRETE	6'-0"	7	4-2	3-2
	6'-1" - 12"	8	4-4	3-4
BRICK	6'-0"	8	4-4	3-4
	7'-0" - 12"	12	5-0	4-0



TYPE "E" OR "E1"



STEEL DRAIN GRATE

- NOTES: 1. GRATES TO BE GALVANIZED AFTER FABRICATION.
2. UNLESS OTHERWISE STATED, TYPE "E" FRAME IS TO BE USED WITH THESE GRATES. (SEE SHEET 2)
3. SUPPLIER OF GRATE ALSO IS TO FURNISH PRE-FITTED GRATE FRAME.

ALL JOINTS FULL DEPTH $\frac{1}{4}$ "
FILLET WELDS WITH SEAL WELDS
TOP AND BOTTOM UNLESS NOTED
OTHERWISE.

ALL BEARING BARS TO BE SET
FLUSH ON GRATE FRAME.

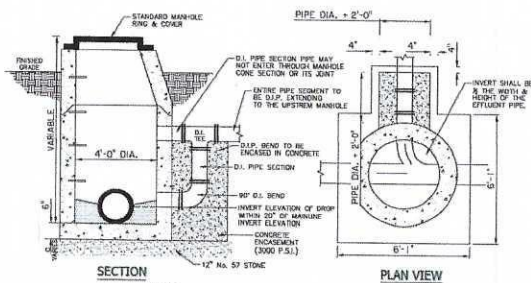
WEIGHT OF DRAIN GRATE =
233 LBS. ± 5%

ALL JOINTS FULL DEPTH $\frac{1}{4}$ "
FILLET WELDS WITH SEAL WELDS
TOP AND BOTTOM UNLESS NOTED
OTHERWISE.

CENTER TO CENTER OF BEARING BARS EQUAL $2\frac{1}{2}''$ PLUS BEARING BAR THICKNESS.

WEIGHT OF DRAIN GRATE =
266 LBS. + 5%





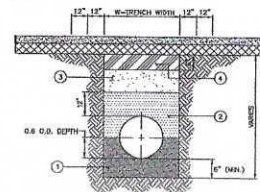
- NOTES:
1. TO BE CONSTRUCTED FOR ALL DROPS OVER 20'.
 2. ALL MANHOLE CONNECTIONS SHALL BE CORED WITH A CONCRETE CORING MACHINE.
 3. APPROVED PRECAST DROP MANHOLES MAY BE USED.

01 DETAIL OF SANITARY SEWER DROP MANHOLE

SCALE: N.T.S.

NOTES:

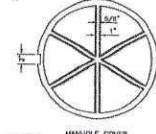
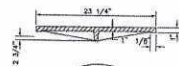
1. ALL SURFACING MATERIALS SHALL CONFORM TO SECTION 502 OF THE L.A. STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, LATEST EDITION.



1. DIAMETRIC BEDDING MATERIAL, COMPACTED TO 90% STANDARD PROCTOR DENSITY, (NO DIRECT PAY).
2. BACKFILL MATERIAL (EQUALLY DIGESTED OR SELECT MATERIAL OR SAND), COMPACTED TO A DENSITY AT LEAST EQUAL TO SURROUNDING UNDISTURBED SOIL, (NO DIRECT PAY).
3. BACKFILL MATERIAL (SAND), COMPACTED TO 90% STANDARD PROCTOR DENSITY, (NO DIRECT PAY).
4. BACKFILL MATERIAL (SAND-CLAY GRAVEL MATERIAL OR EQUIVALENT), COMPACTED TO A DENSITY AT LEAST EQUAL TO THE SURROUNDING UNDISTURBED SOIL, (NO DIRECT PAY).

02 STANDARD BEDDING AND BACKFILL DETAILS FOR SANITARY SEWER PIPE

SCALE: N.T.S.

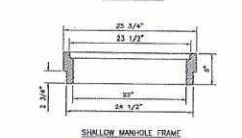
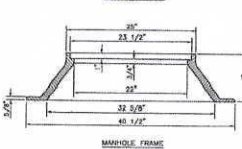
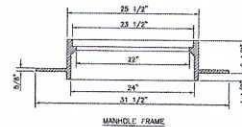


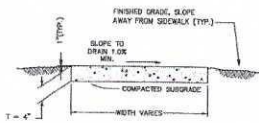
NOTES:

1. ALL MANHOLE COVERS SHALL BE LOCKABLE WITH STAINLESS STEEL SECURITY BOLTS.

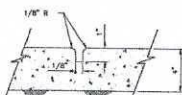
03 DETAIL OF SEWER MANHOLE FRAME AND COVER

SCALE: N.T.S.

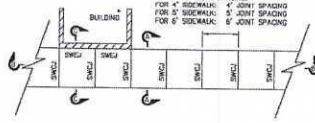




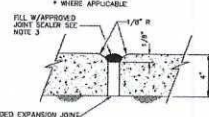
A-A TYPICAL SIDEWALK SECTION
SCALE: N.T.S.



B-B CONTRACTION JOINT (SWC) SECTION
SCALE: N.T.S.

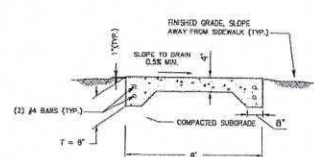


CONCRETE SIDEWALK PLAN
SCALE: N.T.S.

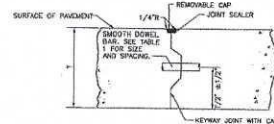


C-C EXPANSION JOINT (SWE) SECTION
SCALE: N.T.S.

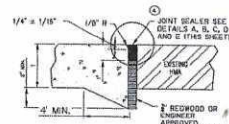
01 DETAIL OF PLAIN CONCRETE SIDEWALK
SCALE: N.T.S.



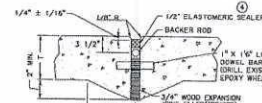
02 TYPICAL SIDEWALK SECTION
SCALE: N.T.S.



03 CONSTRUCTION JOINT DETAIL (TYPE C1)
SCALE: N.T.S.



04 EXPANSION JOINT DETAIL (TYPE E1)
SCALE: N.T.S.



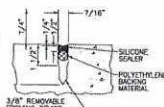
05 EXPANSION JOINT DETAIL (TYPE E2)
SCALE: N.T.S.

TABLE 1 (ALL DIMENSIONS ARE IN INCHES)					
PAVEMENT THICKNESS	SMOOTH DOWEL BARS			DEF. BAR	
	SIZE	LENGTH	SPACING	SIZE	LENGTH
PLAIN SURFACING OR CRACKED PAVEMENTS					
4-5	NOT NECESSARY	1/2	24	24	
6	1	14	12	1/2	24
7	1	14	12	1/2	24
8	1 1/4	18	12	1/2	24
9	1 1/4	18	12	1/2	24
10	1 1/2	18	12	1/2	24
11	1 1/2	18	12	5/8	30
12	1 1/2	18	12	5/8	30
13	1 1/2	18	12	5/8	30
14	1 1/2	18	12	5/8	30

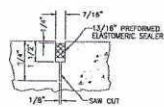
- NOTES**
- PAVEMENT EDGES SHALL BE SLIGHTLY ROUNDED (1/8" APPROX).
 - NOT USED THIS JOINT.
 - ALL JOINTS TO BE USED WHERE SHOWN IN THE PLANS OR AS OTHERWISE DIRECTED BY THE ENGINEER.
 - TYPE C1 JOINTS MAY BE FORMED AND SEALED BY ANY OF THE METHODS LISTED BELOW. ALL JOINTS SHALL BE FORMED ON SAW CUT TO THE BOTTOM SURFACE AND SHALL BE CLEANED IMMEDIATELY PRIOR TO SEALING.
 - WHEN JOINTS ARE FORMED WITH A REMOVABLE FORMING DEVICE, THE JOINTS SHALL BE SEALED WITH PREFOAMED ELASTOMERIC SEALER OR SILICONE SEALER. THE SEALANT RESIDUOR SHALL BE SAW CUT TO THE REQUIRED WIDTH AND DEPTH. (SEE DETAILS "A" & "B").
 - WHEN JOINTS ARE FORMED BY SAMPING, THE INITIAL CUT SHALL BE SAWED WITH A 1/2" MAX. WIDTH BLADE. SAMPING SHALL BE COMPLETED AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT CUTTING THE CONCRETE WITHOUT CHIPPING, SPALLING OR TEARING AND SHALL BE COMPLETED WITHIN 12 HOURS OF FORMING AND PRIOR TO DEVELOPMENT OF RANDOM CRACKING. THE SEALANT RESIDUOR MAY BE SAW CUT TO THE REQUIRED WIDTH AND DEPTH SIMULTANEOUSLY WITH THE FIRST CUT OR AT ANY TIME LATER. JOINTS SHALL BE SEALED WITH PREFOAMED ELASTOMERIC SEALER OR SILICONE SEALER. (SEE DETAIL "C" OR "D").
 - DOWEL BARS & DEF. BARS SHALL BE HELD IN PLACE BY SUPPORTS SIMILAR TO THOSE SHOWN OR APPROVED EQUALS. APPROVED MECHANICAL PLACEMENT OF DOWEL BARS AND DEF. BARS WILL BE ALLOWED WITH ALL PROVED METHODS. WHEN DOWEL BAR BASKETS ARE USED, SPACERS MUST BE USED SPACING THE JOINT SHALL BE CUT AND REMOVED AFTER STAKING BASKETS IN PLACE.
 - NOT USED THIS JOINT.
 - WHEN CONSTRUCTING CONCRETE CURBS AND GUTTER ADJACENT TO NEW P.C.S. PAVEMENT, USE TYPE E2 JOINT WHEN ADJACENT TO EXISTING P.C.S. PAVEMENT, USE TYPE E1 JOINT.
 - WHEN A MOUNTABLE TYPE CURB IS REQUIRED ADJACENT TO THE CONCRETE PAVEMENT AND AN APPROVED MECHANICAL DEVICE IS USED FOR LOAD TRANSFER, THE JOINT SHALL BE INSTALLED 1/2" FROM THE PAVEMENT EDGE.
 - TRANSVERSE EXPANSION JOINTS ARE NOT TO BE USED FOR CONSTRUCTION JOINTS.
 - WHEN PLASTIC OR EPoxy COATED DOWEL BARS ARE USED, THE DOWEL BARS SIZE MAY BE REDUCED 1/8".
 - REFERENCE TO NOTES.



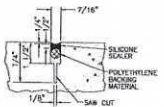
DETAIL A
SCALE: N.T.S.



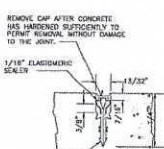
DETAIL B
SCALE: N.T.S.



DETAIL C
SCALE: N.T.S.

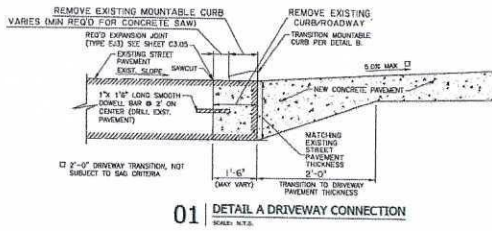


DETAIL D
SCALE: N.T.S.

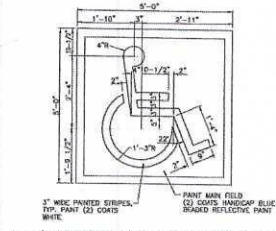


DETAIL E
SCALE: N.T.S.

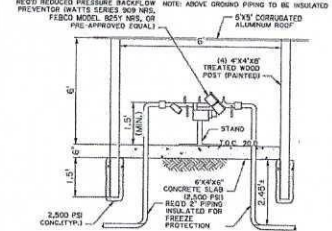




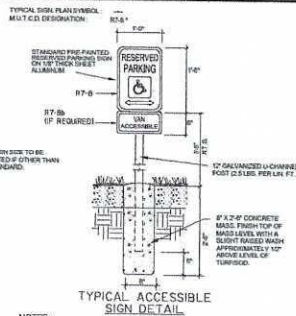
01 | DETAIL A DRIVEWAY CONNECTION
SCALE: N.T.S.



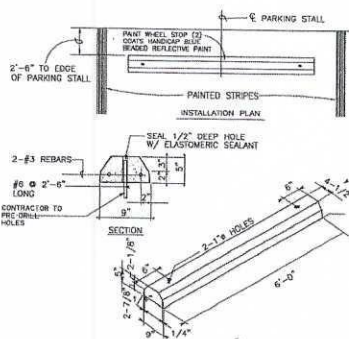
02 | PAINTED ACCESSIBILITY SYMBOL DETAIL
SCALE: N.T.S.



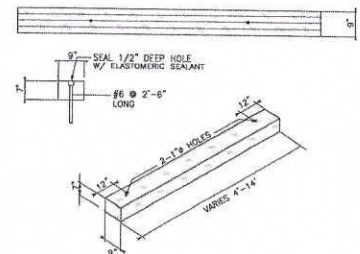
03 | BACKFLOW PREVENTER W/ SHELTER DETAIL
SCALE: N.T.S.



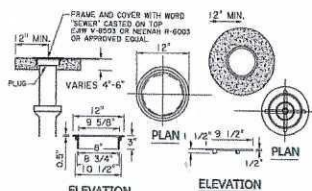
04 | ACCESSIBLE PARKING SIGN DETAIL
SCALE: N.T.S.



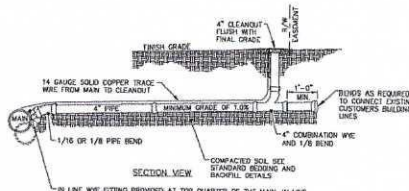
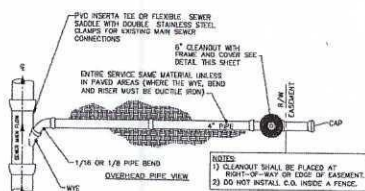
05 | PRECAST CONCRETE WHEELSTOP DETAIL
SCALE: N.T.S.



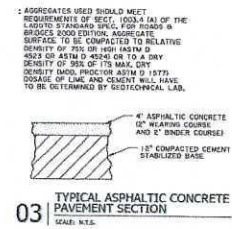
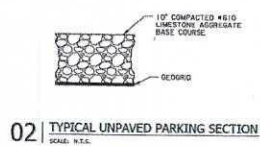
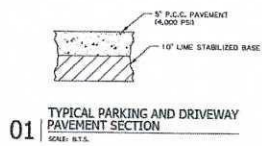
06 | TIMBER RAILROAD TIE DETAIL
SCALE: N.T.S.



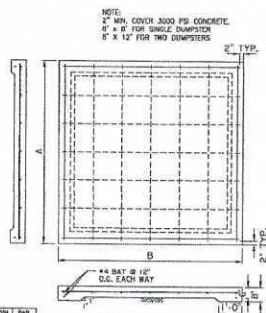
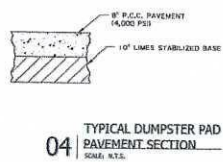
07 | CLEANOUT FRAME AND COVER DETAIL
SCALE: 1\"/>



08 | DETAIL OF SANITARY SEWER SERVICE CONNECTION
SCALE: N.T.S.

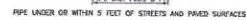


1. AGGREGATES USED SHOULD MEET REQUIREMENTS OF TEST, 1003.4 (A) OF THE LAGOON STANDARD SPEC. FOR ROADS & BRIDGES 2000 EDITION. AGGREGATE SURFACE TO BE COMPACTED TO RELATIVE DENSITY OF 95% OR HIGHER ASTM D 4522 OR ASTM D 4524 OR TO A DRY DENSITY (MDD) PRIOR TO ASTM D 1575. DOSEAGE OF LIME AND CEMENT WILL HAVE TO BE DETERMINED BY GEOTECHNICAL LAB.



SIZE	QTY	UNIT	REMARKS
A	6	14'	
B	6	12'	
C	12	140'	





* 12" DIAMETER PIPE MAY ONLY BE USED UNDER SPECIAL CONDITIONS.

- ① GRANULAR BEDDING MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY. (NO DIRECT PAY).
- ② BACKFILL MATERIAL (QUALITY EXAMINED OR SELECT MATERIAL OR SAND), COMPACTED TO A DENSITY AT LEAST EQUAL TO SURROUNDING UNDISTURBED SOIL. (NO DIRECT PAY).
- ③ BACKFILL MATERIAL (SAND), COMPACTED TO 90% STANDARD PROCTOR DENSITY. (NO DIRECT PAY).
- ④ BACKFILL MATERIAL (QUALITY EXAMINED OR SELECT MATERIAL), COMPACTED TO A DENSITY AT LEAST EQUAL TO THE SURROUNDING UNDISTURBED SOIL. (NO DIRECT PAY).

01 | STANDARD BEDDING AND BACKFILL DETAILS FOR RIGID AND FLEXIBLE STORM DRAINAGE PIPE
SCALE: N.T.S.

SCALE: N.Y.S.

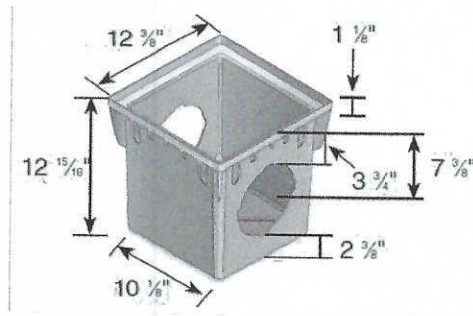




NDS
WE PUT WATER IN ITS PLACE

TECHNICAL SPECIFICATIONS

12" x 12" CATCH BASIN



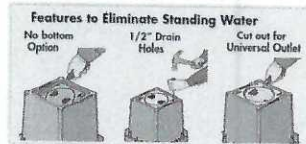
- 1200BLKIT- Catch basin with 2 openings
- 1200- Catch basin with two openings
- 1203- Catch basin with 3 openings
- 1204- Catch basin with 4 openings

Material: Polypropylene

Colors: Black (1200BLKIT, 1200, 1203, 1204)

Fits: Requires either part # 1206, #1242, # 1243, #1245, #1266, or # 1889 Universal Outlet for each opening.

Bottom cutout may be used for additional outlet.



©2005 NDS Corporation
1200BLKIT-1200-1203-1204
Rev. 12-1999



Visit ndspro.com for specs,
detail drawings, and case studies



NDS
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01 YARD DRAIN DETAIL
SCALE: N.T.S.

*YARD INLET CATCH BASIN SHALL BE NDS
12"x12" CATCH BASIN, ADD 12"x12" DRAIN
BASIN, OR APPROVED EQUIV.



SHEET NO. 01		3-09
SITE UTILITIES AND PAVING, TEMPORARY BUILDINGS		
SOUTHERN UNIVERSITY - BATON ROUGE, LA		
STATE OF LOUISIANA - SITE CODE: 2-17-03B		
YARD DRAIN DETAILS		
DATE	BY	CHK
12/1/05	V.K. Singh	
FORTE & TABLADA		
ARCHITECTS		
1000 PINE STREET, SUITE 1000		
BATON ROUGE, LA 70801		
PHONE: (504) 383-1111		
FAX: (504) 383-1112		
WWW.FORTEANDTABLADA.COM		
PROJECT NO. 05-01		
SHEET NO. 01		
TOTAL SHEETS: 01		

Beautiful Performance for Any Project

NDS galvanized steel grates for catch basin and channel drains are the ideal solution when you need strength and performance. Our basin grate and channel grate designs offer load ratings ideal for a wide variety of applications. And with more open surface area, our galvanized steel basin grates also offer a higher flow rate to manage greater runoff volumes. All with the classic beauty and finish of steel.

Catch Basin & Channel Drain Kits

Part No.	Description	Grate	Box Qty.	Load Class*
864GMTL	5" Pro Series® Channel Drain Kit with Metal Grate	Galvanized Steel	3	B
900MTLKIT	9" x 9" Catch Basin Kit with Metal Grate	Galvanized Steel	1	C
1200MTLKIT	12" x 12" Catch Basin Kit with Metal Grate	Galvanized Steel	1	C



864GMTL



900MTLKIT



1200MTLKIT

Galvanized Steel Grates

Part No.	Description	Flow Capacity	Box Qty.	Load Class*
824	20" Grate for 5" Pro Series Channel	152.9 GPM/LF	10	B
254	24" Grate for Spee-D® Channel	89.8 GPM/LF	12	B
915	9" x 9" Square Grate	189.5 GPM	1	C
1215	12" x 12" Square Grate	384.1 GPM	1	C
1815	18" x 18" Square Grate	731.1 GPM	1	D
2415	24" x 24" Square Grate	1,282 GPM	1	D



824



254



915



1215



1815



2415

* See NDS 900/1017 product catalog or visit ndspro.com for complete load recommendations guidance and flow capacity information.



Visit ndspro.com for specs,
detail drawings and case studies

NDS Customer Service
801 N. Main St., Lindley, CA 95247
Phone: 800.724.1994 • 925.442.9888
Fax: 925.442.2488



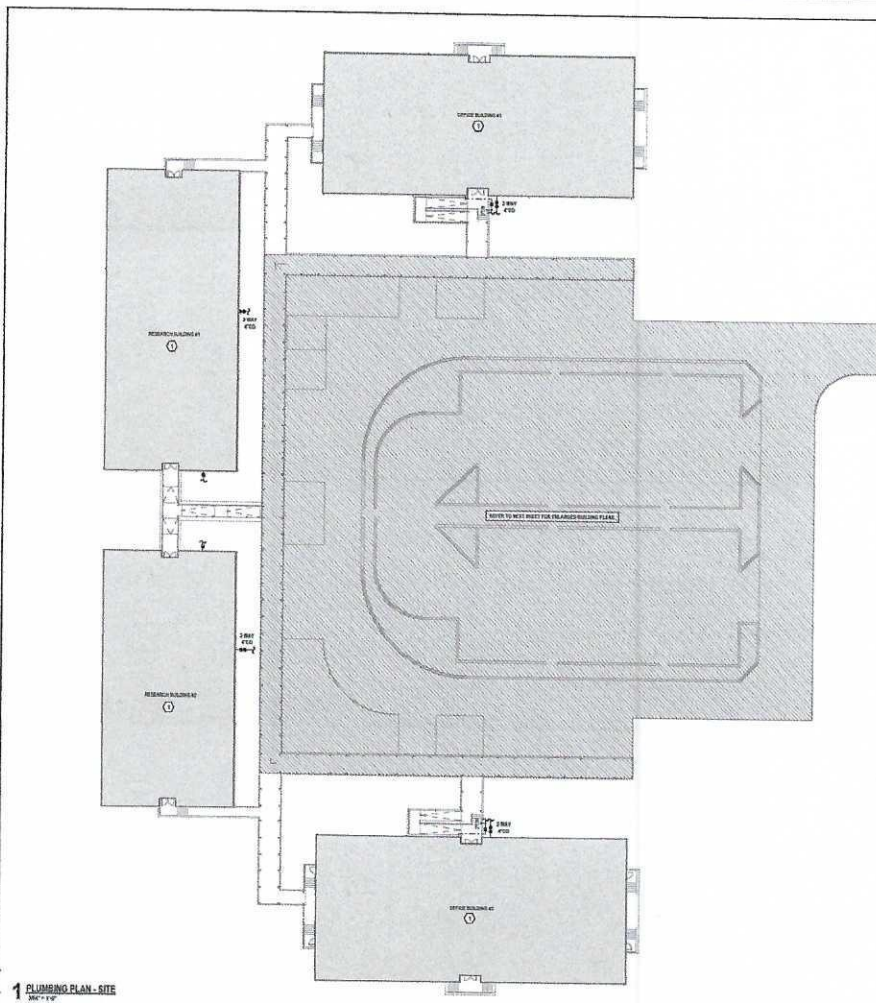
01 | YARD DRAIN METAL COVER DETAIL
SCALE: N.E.S.

* COVER SHALL BE NDS GALVANIZED STEEL
GRATES, 2000 SERIES GALVANIZED STEEL
GRATES, OR APPROVED EQUAL.

SITE UTILITIES AND PAVING, TEMPORARY BUILDINGS		DATE: 03.10
SOUTHERN UNIVERSITY - BATON ROUGE, LA		
PROJECT NO. 14-0000000000		
STATE ID NO. 14-0000000000		
SITE CODE: 2-17-038		
YARD DRAIN METAL COVER DETAILS		
DESIGNED BY	CHECKED BY	DATE
DATE	DATE	DATE
FONTE & TABLADA		
ARCHITECT		
ENGINEER		
SCALE: N.E.S.		

07/20/25 6:28:30 PM

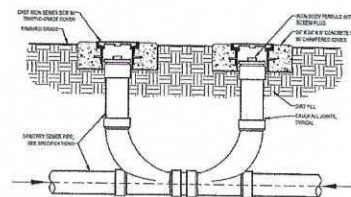
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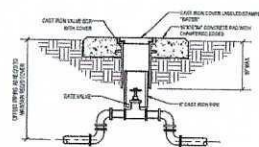
1 PLUMBING PLAN - SITE
3/8" = 1'-0"

PLUMBING PLAN NOTES

1. REVIEW ALL REMOTE PUMP AND/OR DRAIN BUILDINGS DROP DOWN TO BUILDING UNDER CONSTRUCTION. REVIEW BUILDING TO BE DROPPED TO BUILDING UNDER CONSTRUCTION.
2. REVIEW TO DRAIN ENGINEERING FOR QUALITY ASSURANCE FOR CONTINUATION. COORDINATE EXISTING AND NEW, AND REVIEW OF SANITARY ENGINE. DOMESTIC WATER TO BE IN HOUSE TO BUILDING.



2 DETAIL - TWO WAY CLEANOUT
3/8" = 1'-0"



3 DETAIL - DOMESTIC WATER SHUTOFF
3/8" = 1'-0"

**HOLLY & SMITH
ARCHITECTS**
MEMPHIS, TN
300 S. MAIN ST.
MEMPHIS, TN 38102
901.525.1212
www.hollysmith.com

**SOUTHERN UNIVERSITY AND AGRICULTURAL
& MECHANIC COLLEGE
AO WILLIAMS MODULAR CAMPUS**
Baton Rouge Campus

Grant M. Smith
ARCHITECT
07/20/25

NO. DESCRIPTION DATE

PROJECT NO. 2502
PHASE 60
DATE 07/20/25
PROJECT MANAGER JLS
QUANTITY CHECKER JLS

This drawing is an independent
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designer. It is the responsibility
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drawing is used in accordance
with the design and specifications
of the project.

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**PARISH
ENGINEERING**
7000 Highway 101 Suite 200
Baton Rouge, LA 70802
225.343.8223
parisheng.com | 438.482.4823

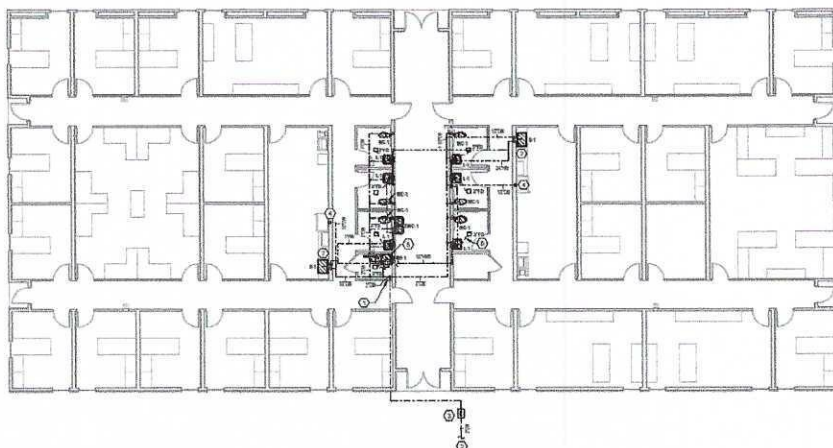
P101

PLUMBING PLAN - SITE

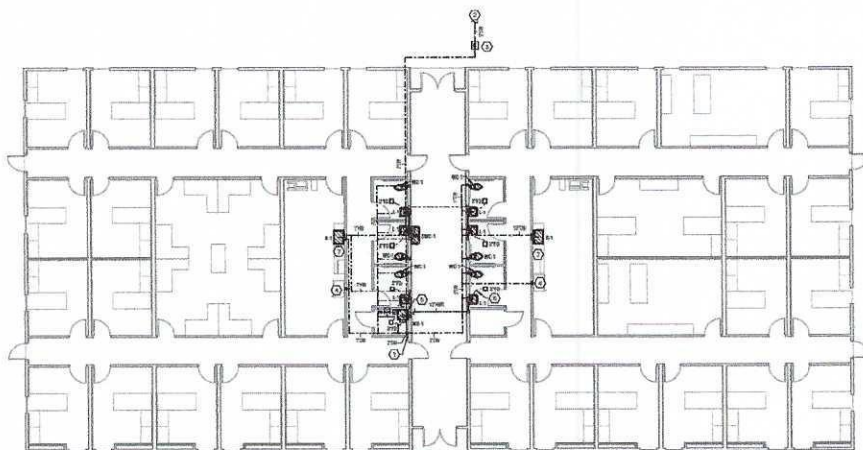
H/S

07/03/25 5:52:32 PM

C:\Users\hsmith\Documents\25-502 AO Williams Temp Buildings - 05/24/2025\1-1.dwg



1 PLUMBING PLAN - DOMESTIC WATER - OFFICE BUILDING #1
10'-0" = 1'-0"



2 PLUMBING PLAN - DOMESTIC WATER - OFFICE BUILDING #2
10'-0" = 1'-0"

This graphic scale at the bottom left corner of this drawing must measure 1" = 1' whenever all listed scales are not used.

PLUMBING PLAN KEYNOTES

1. EXISTING BATHS AND KITCHENS TO REMAIN AND TO BE RELOCATED TO NEW LOCATIONS AS SHOWN ON THIS PLAN. ALL NEW BATHS AND KITCHENS TO BE LOCATED AS SHOWN ON THIS PLAN.
2. REFER TO CIVIL ENGINEERING SITE UTILITY DRAWINGS FOR EXISTING AND PROPOSED EXISTING LOCATIONS, AND FOR EXISTING AND PROPOSED EXISTING LOCATIONS FOR EXISTING AND PROPOSED EXISTING LOCATIONS.
3. UNLESS OTHERWISE NOTED, ALL PIPING SHALL BE 1/2" DIA. GALV. STEEL PIPE.
4. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXISTING AND PROPOSED EXISTING LOCATIONS, AND FOR EXISTING AND PROPOSED EXISTING LOCATIONS.
5. EXISTING BATHS AND KITCHENS TO REMAIN AND TO BE RELOCATED TO NEW LOCATIONS AS SHOWN ON THIS PLAN. ALL NEW BATHS AND KITCHENS TO BE LOCATED AS SHOWN ON THIS PLAN.
6. EXISTING BATHS AND KITCHENS TO REMAIN AND TO BE RELOCATED TO NEW LOCATIONS AS SHOWN ON THIS PLAN. ALL NEW BATHS AND KITCHENS TO BE LOCATED AS SHOWN ON THIS PLAN.
7. EXISTING BATHS AND KITCHENS TO REMAIN AND TO BE RELOCATED TO NEW LOCATIONS AS SHOWN ON THIS PLAN. ALL NEW BATHS AND KITCHENS TO BE LOCATED AS SHOWN ON THIS PLAN.

HOLLY & SMITH
ARCHITECTS

REGISTERED
PROFESSIONAL ARCHITECT
STATE OF LOUISIANA
NO. 100,000,000
DATE 05/24/2025

SOUTHERN UNIVERSITY AND AGRICULTURAL
& MECHANIC COLLEGE
AO WILLIAMS MODULAR CAMPUS
Baton Rouge, CAMPU5



NO. DESCRIPTION DATE

NO.	DESCRIPTION	DATE
1	PROJECT NO. 2502	
2	PHASE 100	
3	DATE 05/24/2025	
4	PROJECT MANAGER 01P	
5	QUALITY CONTROL 01M	

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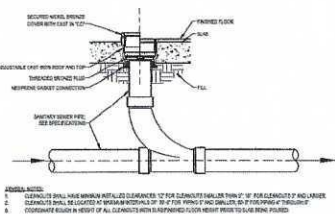
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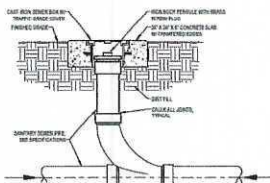
P121

PLUMBING PLAN - DW - OFFICE BUILDING #2

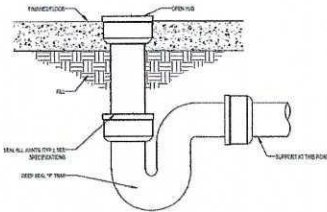
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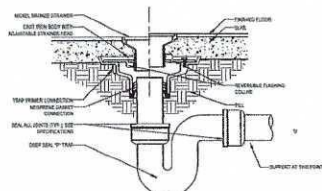
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S.D.



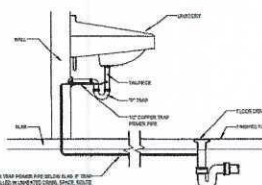
2 DETAIL - EXTERIOR CLEANOUT
S.D.



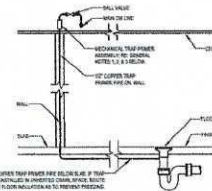
3 DETAIL - HUB DRAIN
S.D.



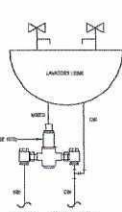
4 DETAIL - FLOOR DRAIN
S.D.



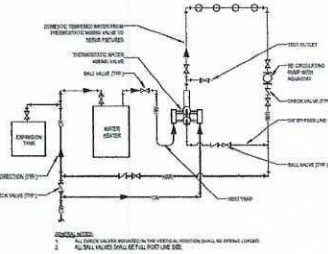
5 DETAIL - GRAVITY TRAP PRIMER
S.D.



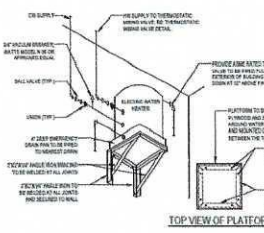
6 DETAIL - MECHANICAL TRAP PRIMER
S.D.



7 DETAIL - THERMOSTATIC MIXING VALVE @ LAV
S.D.



8 DETAIL - THERMOSTATIC MIXING VALVE
S.D.



9 DETAIL - WALL MOUNTED ELECTRIC WATER HEATER
S.D.

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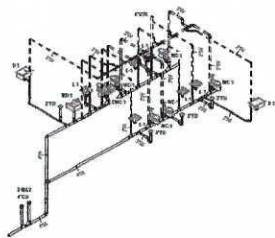
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AO WILLIAMS MODULAR CAMPUS
Baton Rouge Campus**

Project No. 2015-001
Project Name: AO WILLIAMS MODULAR CAMPUS
Project Location: Baton Rouge, LA
Project Date: 07/25/2015

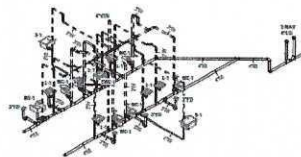
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P201
PLUMBING DETAILS

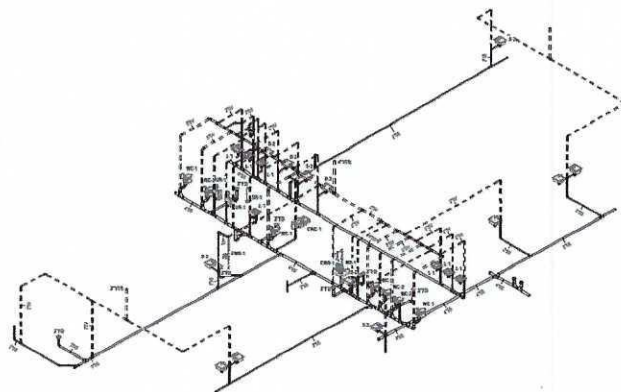
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Baton Rouge, LA 70809
504.383.0222
504.383.0223



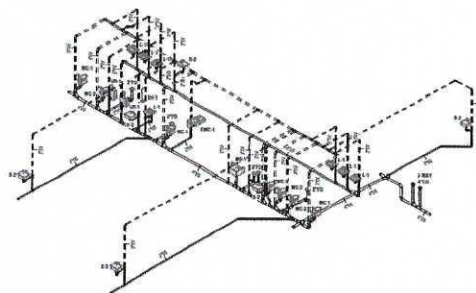
1 SANITARY RISER DIAGRAM - OFFICE BLDG #1



2 SANITARY RISER DIAGRAM - OFFICE BLDG #2



3 SANITARY RISER DIAGRAM - RESEARCH BLDG #1



4 SANITARY RISER DIAGRAM - RESEARCH BLDG #2

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HOUSTON, TX
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361.544.1210
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NO. DESCRIPTION DATE

PROJECT NO. 10000
PHASE 100
DATE 10/20/09
PROJECT MANAGER HSP
QUALITY CONTROL JMS
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P401
PLUMBING RISER
DIAGRAM

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