



## **REQUEST FOR WRITTEN QUOTES**

The City of Slidell is soliciting written quotes for the CDBG Sidewalks and Drainage Improvements on Guzman Street. The project is located on Guzman Street, between Carey Street and 2<sup>nd</sup> Street. Quotes will be received until **10:00 am Wednesday, March 27, 2019** and shall be hand delivered or mailed to the Purchasing Department located at 1329 Bayou Lane, Slidell, LA 70460, Attn: Purchasing Agent.

Quotes must be submitted in a sealed envelope and clearly marked:

Quote: **CDBG Sidewalks and Drainage Improvements on Guzman Street**  
**Quote # 19-Q017**  
**File Number 5000-38**

Due: March 27, 2019, 10:00 AM CST

Drawings are attached.

For the successful quote exceeding \$25,000, the contractor will be required to provide a payment and performance bond in the amount of not less than 100% of the awarded contract amount.

\*Quotes exceeding \$50,000 – A Louisiana State Contractor License is required to perform the work and your license number shall be included in your quote. The Contractor shall hold a Louisiana Contractor's license in **Building Construction or Municipal and Public Works Construction**.

An executed affidavit will be required prior to award of contract. Certificate of Liability Insurance and Statutory Limits Worker's Compensation must be submitted prior to award of contract.

Contractor shall have **30 calendar days** to complete this project from the date of Notice to Proceed. The contractor will be charged **liquidated damages of Five Hundred Dollars (\$500.00) per calendar day** in excess of the stated time of completion.

Quote submissions: Quotes shall be submitted on the forms provided and signed by an authorized company representative. The City of Slidell reserves the right to reject any and all quotes.

Any questions concerning this project shall be directed to Mr. Blaine Clancy, City Engineer, at (985) 646-4270.

**QUOTE FORM for CDBG SIDEWALKS AND DRAINAGE IMPROVEMENTS ON GUZMAN STREET**

**City of Slidell, LA**

**Quote # 19-Q017**

**Project # 5000-38**

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>QUAN.</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>UNIT PRICE EXTENSION</u>
1	Mobilization and Demobilization	1	L.S.		
2	Removal and Disposal of RCP	16	L.F.		
3	15" RCPA	320	L.F.		
4	Concrete Drop Inlet, 24" x 24"	13	E.A.		
5	Sidewalk Removal	261	S.Y.		
6	5' Wide Sidewalk with Exposed Aggravate Concrete and Brick Pavers	362	S.Y.		
7	Sodding	217	S.Y.		
8	Pedestrian Railing	60	L.F.		

*Note: The above quantities are approximate and will be adjusted to fit the budget.*

**TOTAL QUOTE PRICE IN FIGURES**

**TOTAL QUOTE PRICE IN WORDS**

\*LA. LICENSE NUMBER \_\_\_\_\_

COMPANY NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE NUMBER \_\_\_\_\_

EMAIL \_\_\_\_\_

DUNS NUMBER \_\_\_\_\_

SIGNATURE \_\_\_\_\_

SIGNER'S NAME (PRINTED) \_\_\_\_\_

## ***TECHNICAL SPECIFICATIONS***

### **STATEMENT OF WORK**

1. This project consists of constructing new sidewalks and drainage on the south side of Guzman Street between Carey Street and 2<sup>nd</sup> Street.
2. A description of pay items, including measurement and payment is given below:

### **DAVIS BACON ACT**

1. This project requires that Davis Bacon Act wages be paid, see “General Decision Number: LA190011” dated 01/04/2019 attached.

### **WARRANTY**

1. Contractor shall warranty all work and materials for one (1) year.

### **TRAFFIC CONTROL**

1. Any work within the roadway or adjacent to the roadway causing interference to vehicular traffic requires prior approval from the city of Slidell, and must conform to the requirements set forth by the manual of uniform traffic control devices. The contractor must furnish all necessary traffic signs and/or barricades and maintain them during construction activity.
2. Payment for Traffic Control will be included in each line item that requires traffic control and shall not be a direct pay item.

### **MOBILIZATION**

1. This work consists of preparatory work and operations, including those necessary for movement of personnel, equipment, supplies, and incidentals to the project site; the establishment of facilities necessary for the work on the project; the costs of bonds and any required insurance; and other preconstruction expenses necessary for start of the work, excluding the cost of construction materials. In addition the contractor shall provide and install in place as directed by the Engineer, two project signs as per details included in this RFQ package.
2. The Contractor shall provide all necessary materials and equipment necessary to complete all work associated with this item as shown on the plans or as directed by the Engineer.
3. Payment for Mobilization shall be made at the lump sum contract unit price.

### **GENERAL EXCAVATION**

1. The contractor shall furnish all materials, labor, and equipment necessary to remove all earth, rock, water, debris, tree stumps and other materials to the extent required by the Engineer in preparation for the pipe bedding and concrete foundation base. Excavation shall be paid per cubic yard by net section. Some topsoil shall be retained to slope the finished grade. Disposal of



- a. The pipe shall be Class II, Wall B.
  - b. To form the pipe bed, the compacted earth cushion shall have a thickness under the pipe of at least 1/2 inch per foot of fill height over the top of the pipe with a minimum thickness of 6 inches. When a suitable foundation cannot be obtained, unstable soil below established grade shall be removed and replaced with granular bedding material.
  - c. The pipe shall be laid beginning at the downstream end of the line. The pipe shall be in contact with the foundation throughout its length. Bell or groove ends of pipe shall be placed facing upstream.
  - d. After pipe has been laid and before backfill is placed, the engineer will inspect the pipe for alignment, grade, integrity of joints, and coating damage.
2. Payment for RCPA pipe shall be paid at the contract unit price per linear foot which shall include all costs for material, labor, and equipment for installation. Excavation, backfill, and compaction for the installing of RCPA shall be included in the unit price.

### **DROP INLETS**

1. This work consists of installing concrete drop inlets inter-connected with RCPA pipe, above, as shown on the plans that conforms to ASTM C 478 and Louisiana Standard Specifications for Roads and Bridges, 2016 edition, Section 702.
  - a. The base section shall be a minimum of 6" thick for the floor slab and 4-inch minimum thickness for walls and base riser section, and separate base slab or base section with integral floor.
  - b. The riser section shall have a minimum thickness of 4", with lengths to provide depth indicated.
  - c. The top section shall have a flat-slab-top type as indicated.
  - d. The Frame or Grate for the concrete drop inlet shall meet the minimum standard of ASTM A 536, Grade 60-40-18, ductile iron designed for A-16, structural loading. Include flat grate with small square or short-slotted drainage openings. The size shall be 24 by 24 inches minimum unless otherwise indicated. The grating shall have not less than 50 percent free area.
2. Payment for concrete drop inlets will be made at the contract unit price per unit and includes all costs for material, labor, installation and equipment. Excavation, backfill, and compaction for the installing of the drop inlet shall be included in the unit price for each drop inlet.

### **EXISTING CONCRETE SIDEWALK REMOVAL**

1. Breaking up of concrete pavement shall be done with a pneumatic pavement breaker. Use of brute force and pounding with excavation buckets will not be an acceptable means of breaking pavement.
2. Should the City desire, the Contractor will dump the broken concrete at a disposal site designated by the City at no extra cost. Also should the City desire, the Contractor will load

the broken concrete into City trucks at the work site at no extra cost, provided that the City trucks are present at the work site and cause no unreasonable delay in the work.

3. The accepted quantities of concrete removed shall be paid for at the contract unit price per square yard. Unit prices shall include all costs for labor, equipment, and materials necessary to remove and dispose of existing concrete pavement.

## **FIBER-REINFORCED CEMENT PAVING WITH EXPOSED AGGREGATE**

1. This item covers the furnishing of all materials and installation of sidewalk pavements for thickness as shown on plans.

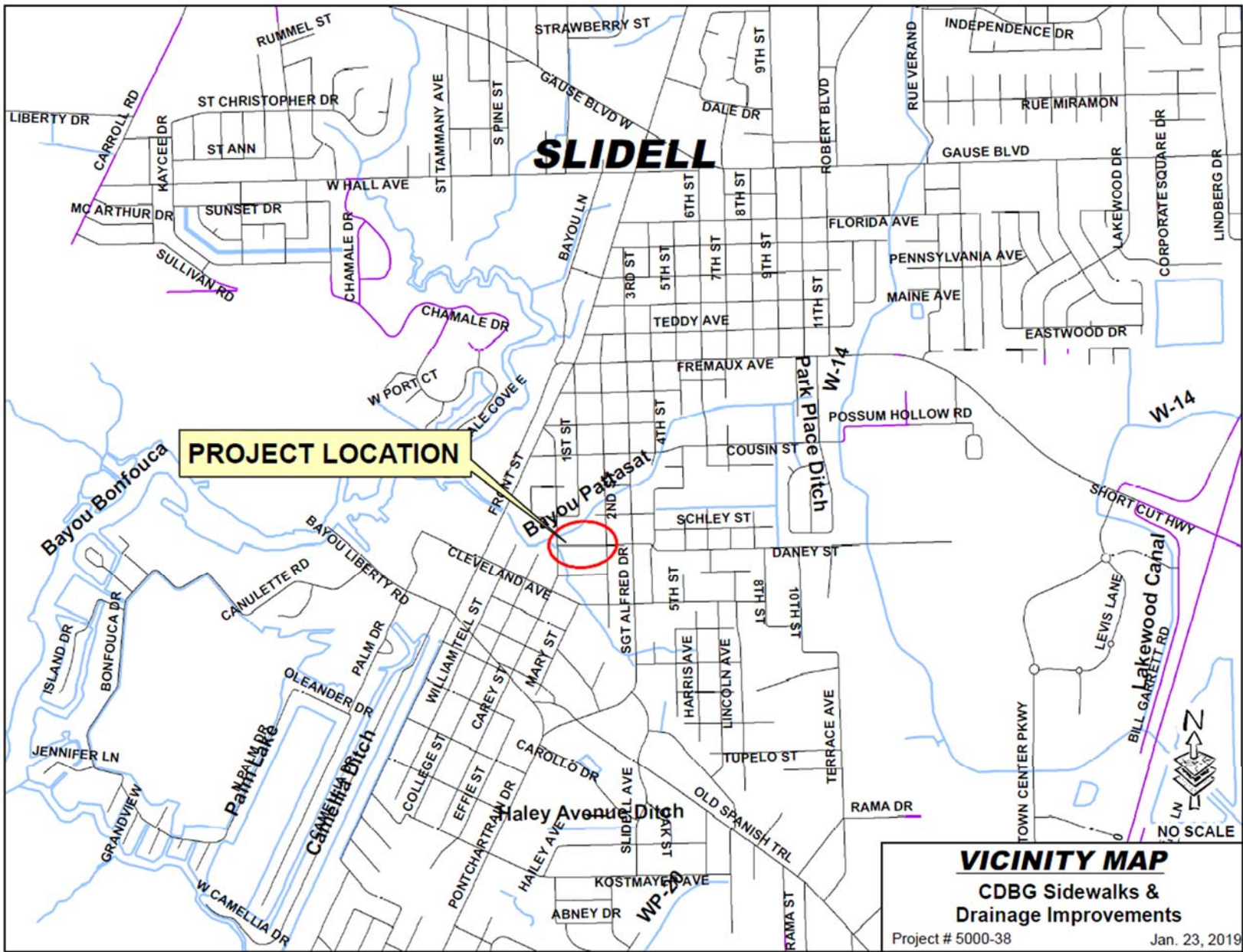
2. Concrete Mixtures:

Prepare design mixtures as follows per cubic yard of fiber-reinforced concrete:

- a. 28-day strength = 4,000 psi
  - b. Cement (ASTM C-150, Type I/II) 4.64 sacks (436 lbs.)
  - c. Fly Ash (ASTM C-618) 1.16 sacks (109 lbs.)
  - d. Gravel (ASTM C-33, Grade A) 1775 lbs.
  - e. Sand (ASTM C-33) 1226 lbs.
  - f. Water (potable) 30 gallons (250 lbs.)
  - g. Type A Water Reducer (ASTM C-494) 16.35 lbs.
  - h. Air entrainment 5% by volume, use per manufacturers specifications
  - i. Fiber reinforcement 1.5 lbs/ CY microfibers, Fiber reinforcement shall be Matrix Monofilament Microfiber as manufactured by FRC Industries or approved equal, applied throughout the concrete mixture. Fiber reinforcement shall be applied at the plant. The bags must be broken before mixing. Bag size shall be one (1) pound. Alternate products must be preapproved by the Engineer in writing. Cellulose (treated or untreated), AR glass, nylon, and polyester fibers are specifically prohibited from use. Fibrillated and self-fibrillating fibers are also specifically prohibited.
3. Exposed aggregate sidewalk shall be reinforced with 6x6 welded wire fabric, supported such that it is mid-depth in the finished slab.
  4. Provide solid brick pavers as sold by St. Joe Brick Works, Inc. or approved equal. The color of brick and exposed aggregate surface shall match existing sidewalks in the Slidell area.
  5. The Contractor shall furnish and install a welded pedestrian railing in accordance with the specifications, for the length of sidewalk shown.
  6. Payment for exposed aggregate sidewalks with brick pavers shall be made at the contract unit price per square yard and include all costs for material, labor, installation and equipment. Excavation, backfill, and compaction for the installing of sidewalk pavement shall be included in the unit price. Payment for pedestrian railing shall be made at the contract unit price per linear foot.

## **SODDING**

1. This work consists of furnishing, hauling, planting, rolling, watering and maintaining live grass sod at locations shown on the plans or as directed.
2. Contractor shall provide sod that is Nursery grown Grade 'A' Centipede. Deliver sod on pallets and protect roots from dehydration before installation. All sodding shall be in accordance with the 2016 Edition of the Louisiana Specifications for Roads and Bridges Section 714.
3. Provide a slow-release fertilizer that is granular or pelleted which consist of 50% water-insoluble nitrogen, phosphorus, and potassium in the following composition: 20 percent nitrogen, 10 percent phosphorous, and 10 percent potassium, by weight.
4. Sodding shall be paid per square yard. The quote shall include all costs for material, labor, equipment, hauling, planting, rolling, and watering until the project is accepted for substantial completion.





**PROJECT NAME**

**PROJECT COST**



**Mayor Greg Cromer**

**CITY COUNCIL and DISTRICTS**

**Bill Borchert Jr.  
Glynn Pichon  
Leslie Denham  
David Dunham  
Warren Crockett  
Val Vanney, Jr.  
Kenny Tamborella  
Kim Harbison  
Cindi King**

**Councilman-At-Large  
Councilman-At-Large  
District "A"  
District "B"  
District "C"  
District "D"  
District "E"  
District "F"  
District "G"**

TEXT SIZES
Line 1: 3.4"
Line 2: 2.75
Line 3: 8" City Seal
Line 4: 2.5"
Line 5: 3/4"
Line 6-14: 1.25"

4'-0"

8'-0"

(NOTE: ALL LETTERING TO BE CENTERED)



LABORER (Common or General).....	\$ 17.22	3.40
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\* LABO0099-002 07/01/2017

PLAQUEMINES, ST.CHARLES and ST. JOHN THE BAPTIST PARISHES

	Rates	Fringes
LABORER (Common or General).....	\$ 17.22	3.40

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SULA2011-003 08/17/2011

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 20.03	4.24
IRONWORKER, REINFORCING.....	\$ 17.49	
LABORER: Common or General		
St. Tammany County.....	\$ 9.51	1.14

Power equipment operators:

Asphalt Paver.....	\$ 17.20	4.97
Backhoe/Excavator/Trackhoe..	\$ 16.85	4.91
Broom/Sweeper.....	\$ 15.17	5.15
Bulldozer.....	\$ 16.40	
Crane.....	\$ 25.35	
Grader/Blade.....	\$ 15.88	
Milling Machine.....	\$ 16.63	2.14
Roller (Dirt and Grade Compaction)		
Jefferson, St. Bernard, St. Charles and St. John the Baptist.....	\$ 12.59	4.37
Orleans, Plaquemines, St. Tammany.....	\$ 14.74	4.23
Trencher.....	\$ 14.38	

Truck drivers:

Dump Truck.....	\$ 12.93	0.18
Water Truck.....	\$ 13.79	

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010

08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor

200 Constitution Avenue, N.W.  
Washington, DC 20210

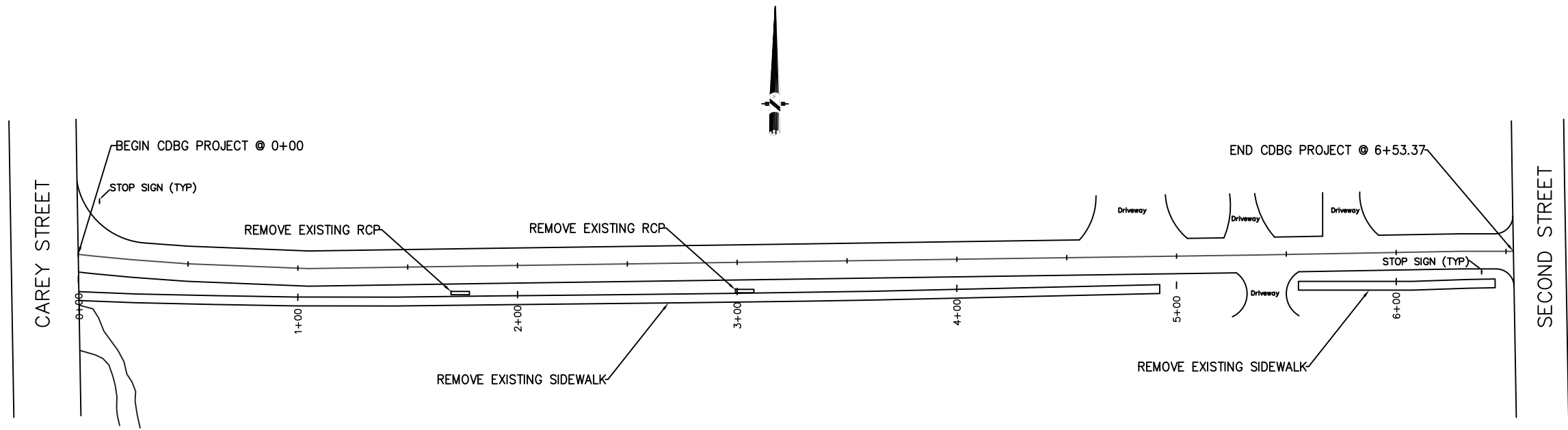
4.) All decisions by the Administrative Review Board are final.

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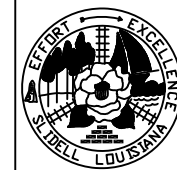
END OF GENERAL DECISION

Greg Cromer - Mayor  
 P.O. Box 828 Slidell, LA 70459  
 (985) 646-4270

Blaine A. Clancy, P.E., City Engineer  
 250 Bouscaren Street, Suite 302  
 FAX (985) 646-6124



**DEMO and SITE PLAN**  
 SCALE: 1" = 60'



CDBG SIDEWALK & DRAINAGE IMPROVEMENT  
 on GUZMAN STREET

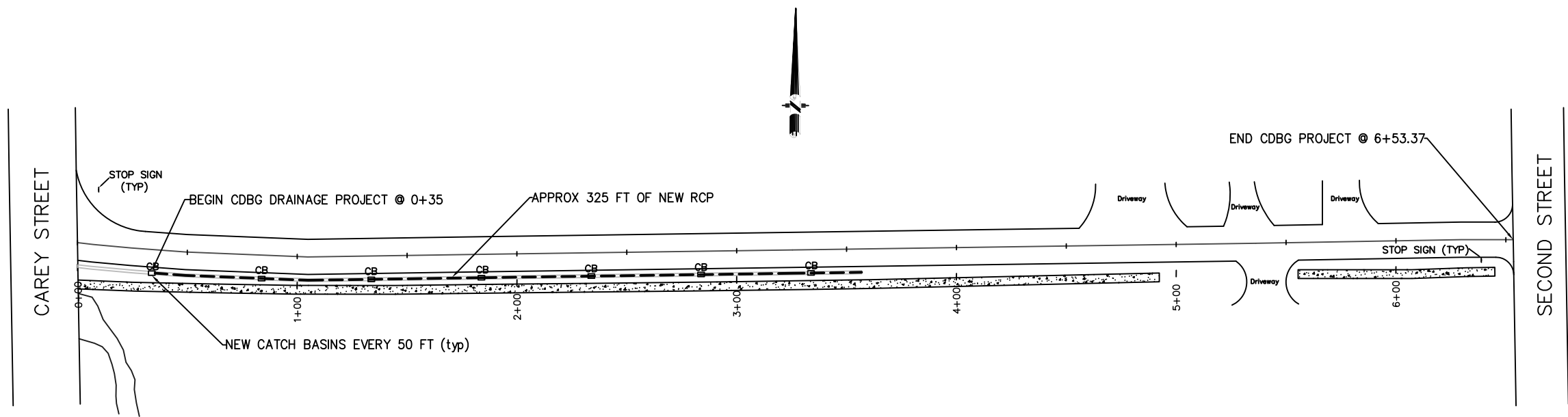
Preliminary Demo & Site Plan

Drawn By: JMC FILE No: 5000-38  
 Approved By: BAC DATE: 1/24/2019

SHT 1

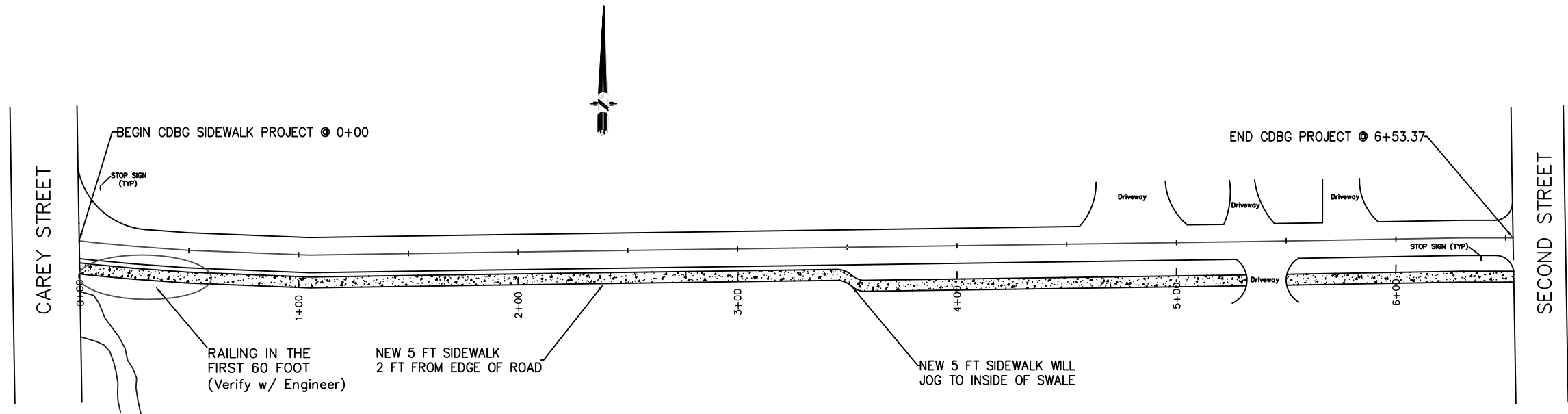
Blaine A. Clancy, P.E., City Engineer  
 250 Bouscaren Street, Suite 302  
 Slidell, LA 70459  
 (985) 646-6124

Greg Cromer - Mayor  
 P.O. Box 828 Slidell, LA 70459  
 (985) 646-4270



**PROPOSED PLACEMENT FOR NEW RCP**  
 SCALE: 1" = 60'

--- = NEW RCP  
 CB = NEW CATCH BASIN



**PROPOSED PLACEMENT FOR NEW SIDEWALK**  
 SCALE: 1" = 60'

**NOTE:**  
 Each end of sidewalk shall have a  
 Handicap Curb Ramp w/ Truncated domes



CDBG SIDEWALK & DRAINAGE IMPROVEMENT  
 on GUZMAN STREET

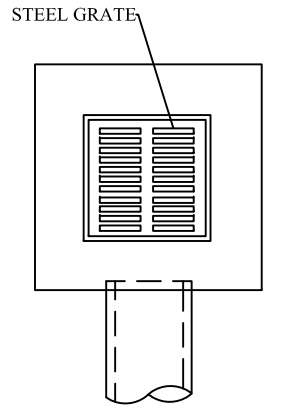
Site Plan

Drawn By: JMC FILE No: 5000-38  
 Approved By: BAC DATE: 1/24/2019

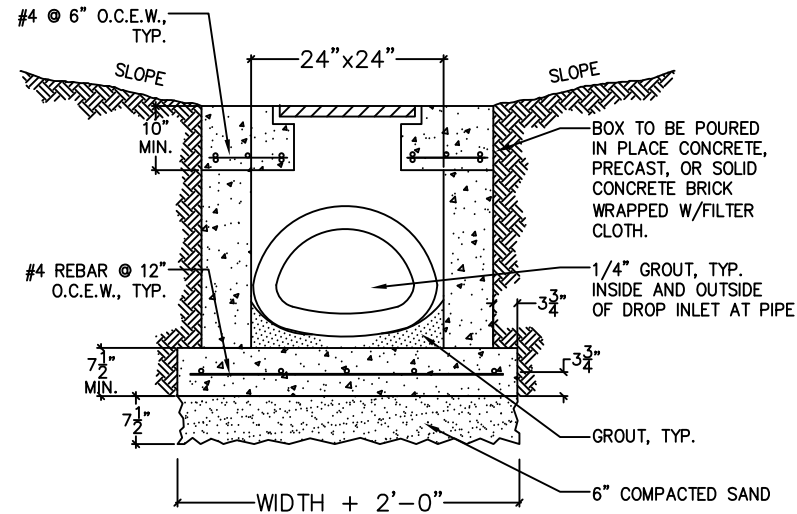
SHT 2

Blaine A. Clancy, P.E., City Engineer  
250 Bouscaren Street, Suite 302  
FAX (985) 646-6124

Greg Cromer - Mayor  
P.O. Box 828 Slidell, LA 70459  
(985) 646-4270

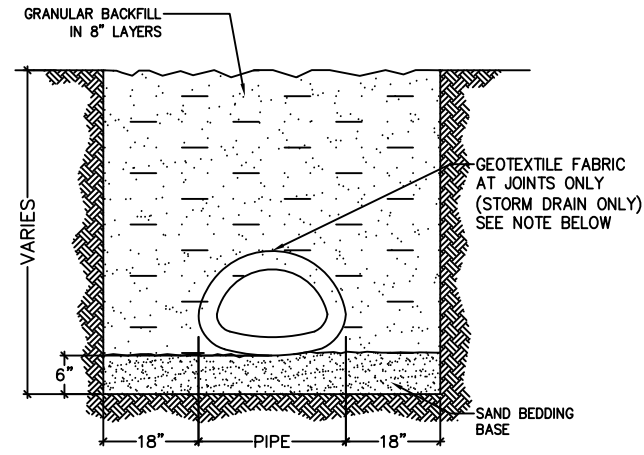


TYPICAL DROP INLET



DROP INLET SECTION

"A" DROP INLET AND PIPE BEDDING  
SCALE: N.T.S.



- NOTES:
1. ALL GEOTEXTILE FABRIC TO BE 3'-0" WIDE AND TO OVERLAP NO LESS THAN 1/2 OF PIPE DIAMETER AT ALL JOINTS.
  2. ADDITIONAL BEDDING MATERIAL MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
  3. TIMBER PLANKING UNDER CULVERTS MAY BE REQUIRED BY THE ENGINEER.

TYPICAL CULVERT IN DITCH

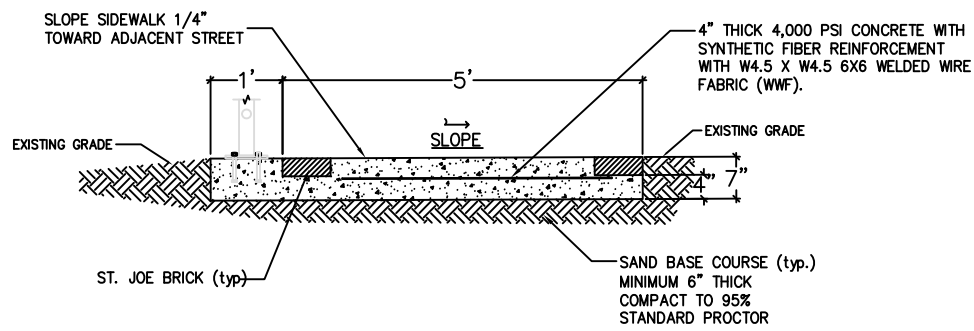
GENERAL NOTES:

1. AS-BUILT DRAWINGS AND/OR PLATS SHALL HAVE WRITTEN ON THEM THE DATE OF COMPLETION OF SAID ACTIVITIES AND SHALL BE SUBMITTED TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, OFFICE OF COASTAL MANAGEMENT, P.O. BOX 44487, BATON ROUGE, LA. 70804-4487 WITHIN 30 DAYS FOLLOWING PROJECT COMPLETION.
2. ALL STRUCTURES BUILT UNDER THE AUTHORIZATION AND CONDITIONS OF THIS PERMIT SHALL BE REMOVED FROM THE SITE WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, OR WHEN THESE STRUCTURES FALL INTO A STATE OF DISREPAIR SUCH THAT THEY CAN NO LONGER FUNCTION AS INTENDED. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED, FOR SUCH REMOVAL ACTIVITIES.
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.

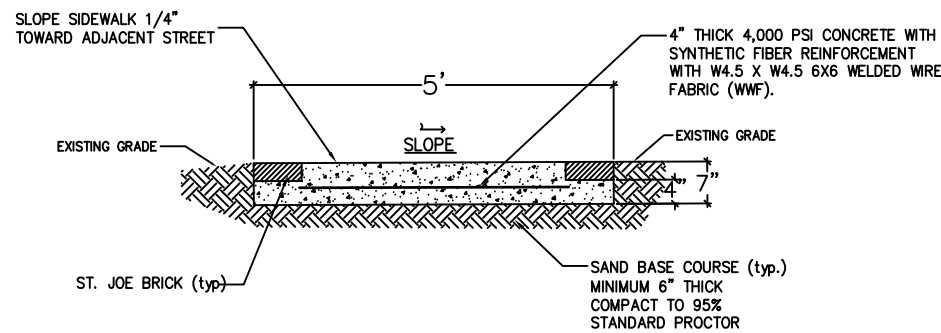
CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR AND EQUIPMENT NEEDED TO CONSTRUCT HANDICAP RAMPS AT INTERSECTIONS, MEDIANS OR AS DIRECTED BY THE CITY ENGINEER. THE CONCRETE USED TO CONSTRUCT THE RAMPS SHALL BE FOUR (4") INCH THICK 4000-PSI AT 28 DAYS. WHERE NECESSARY OR AS DIRECTED BY THE CITY ENGINEER, EXISTING SIDEWALK SHALL BE REMOVED AND REPLACED WITH NEW PORTLAND CEMENT CONCRETE SIDEWALK AND TRUNCATED DOME TILE, AS STIPULATED ACCORDING TO AMERICAN DISABILITY ACT REQUIREMENT. TRUNCATED DOME TILE SHALL BE MINIMUM 1/2 -INCH THICK WITH EMBEDDED TRUNCATED DOMES, 3-INCH ON CENTER THROUGH ENTIRE LENGTH OF TILE. TILE SURFACE SHALL BE COVERED WITH PROTECTIVE PLASTIC SHEETING. EACH HANDICAP RAMP SHALL CONSIST OF ONLY ONE TILE, WHICH SHALL BE ANCHORED INTO THE CONCRETE. THESE ARE A NO DIRECT PAY ITEM.

NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL MEASUREMENTS PRIOR TO BIDDING AND ORDERING MATERIAL.
2. CONTRACTOR SHALL ENSURE ALL EXISTING SWALES FROM RESIDENTS HAVE A CONTINUOUS FLOW TO THE NEW CATCH BASINS.
3. SIDEWALKS SHALL BE LOCATED AS NOTED. FIELD VERIFY WITH CITY ENGINEER PRIOR TO FORMING. SCALING DIMENSION TO PRELIMINARY LOCATE SIDEWALKS IS PERMITTED.
4. MUCK OUT EXISTING DITCHES AND CUT TREE ROOTS TO ENSURE PROPER INVERTS ARE MET TO HAVE PROPER DRAINAGE.
5. ALL SIDEWALKS SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE AND HAVE A MINIMUM THICKNESS OF 4".
6. SAND BASE COURSE (TYP.) SHALL HAVE A MINIMUM OF 6" THICK COMPACTED TO 95% STANDARD PROCTOR.
7. PROVIDE SYNTHETIC FIBER REINFORCING IN ACCORDAANCE WITH ASTM C 1116 IN ALL CONCRETE SIDEWALKS.
8. ALL SIDEWALKS SHALL BE SCORED TO A DEPTH OF 3/8" AT FIVE FOOT INTERVALS.
9. ALL SIDEWALKS SHALL BE SLOPED 1/4" MAX CROSS SLOPE TO THE ADJACENT STREET OR DRIVEWAY.
10. ELEVATIONS SHOWN ARE M.S.L.
11. FIELD VERIFY ALL ELEVATIONS AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.



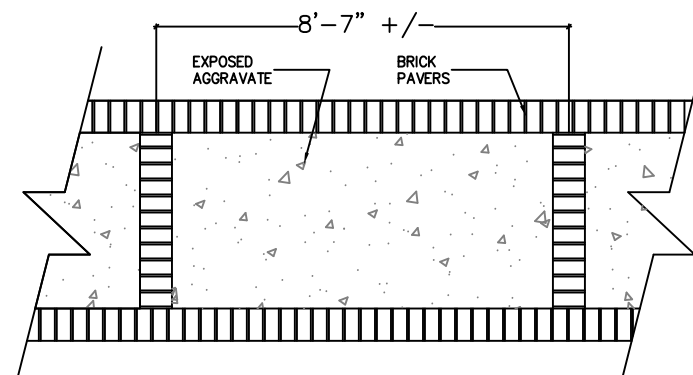
"B" TYPICAL SIDEWALK for RAILING DETAILS  
SCALE: N.T.S.



"C" TYPICAL SIDEWALK DETAILS  
SCALE: N.T.S.



"D" TYPICAL SIDEWALK VIEW  
SCALE: N.T.S.

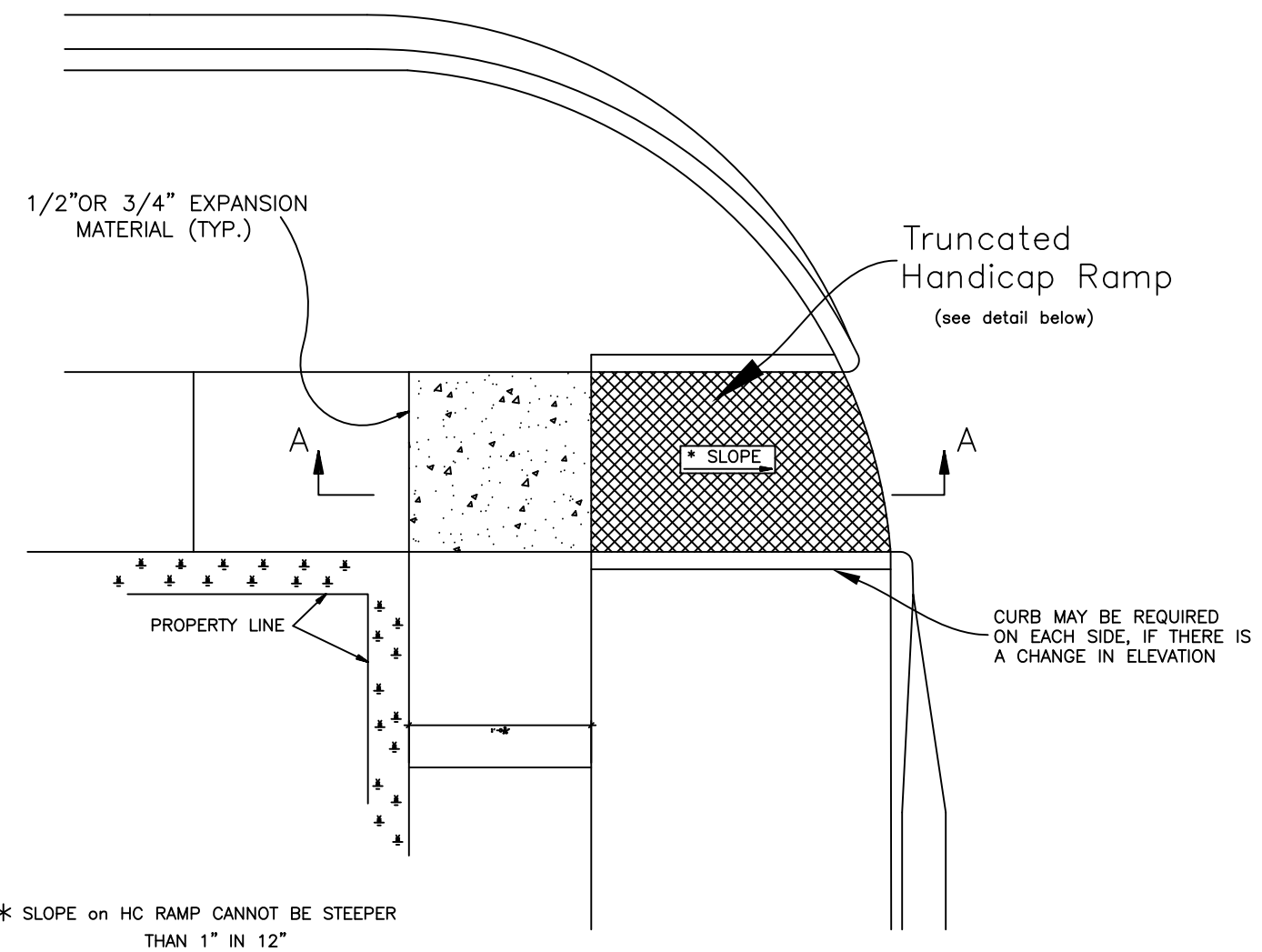


"E" TYPICAL SIDEWALK PLAN  
SCALE: 1/4"=1'-0"

	CDBG SIDEWALK & DRAINAGE IMPROVEMENT on GUZMAN STREET	
	GENERAL NOTE AND DETAILS	
Drawn By: JMC	FILE No: 5000-38	SHT 3
Approved By: BAC	DATE: 1/24/2019	

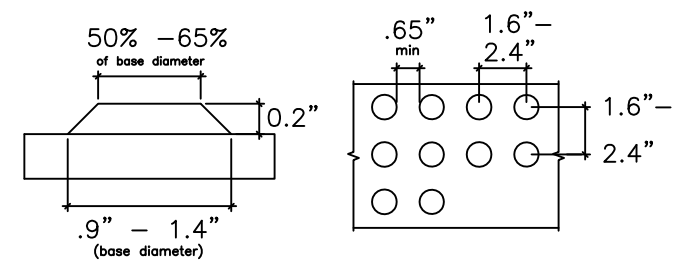
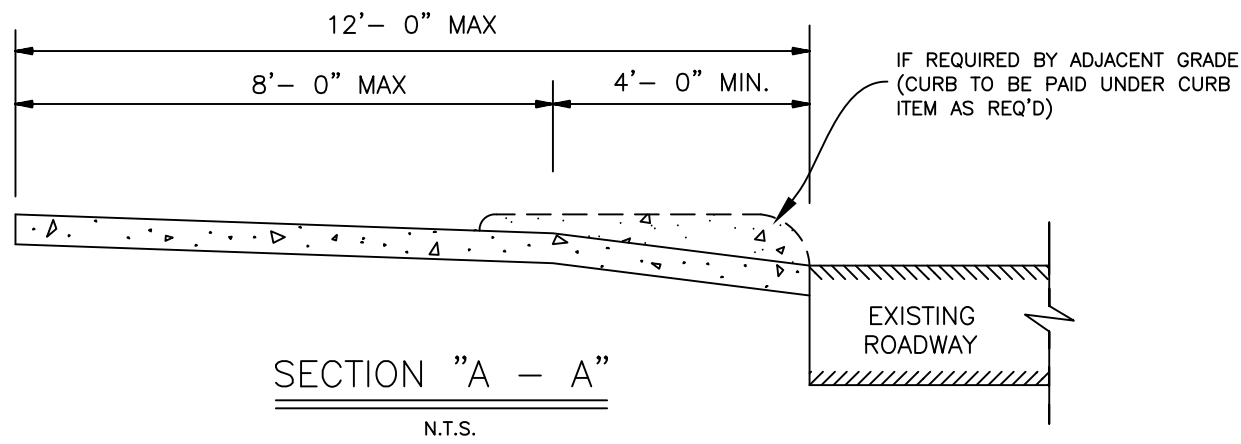
Blaine A. Clancy, P.E., City Engineer  
 250 Bouscaren Street, Suite 302  
 FAX (985) 646-6124

Greg Cromer - Mayor  
 P.O. Box 828 Slidell, LA 70459  
 (985) 646-4270



\* SLOPE on HC RAMP CANNOT BE STEEPER THAN 1" IN 12"

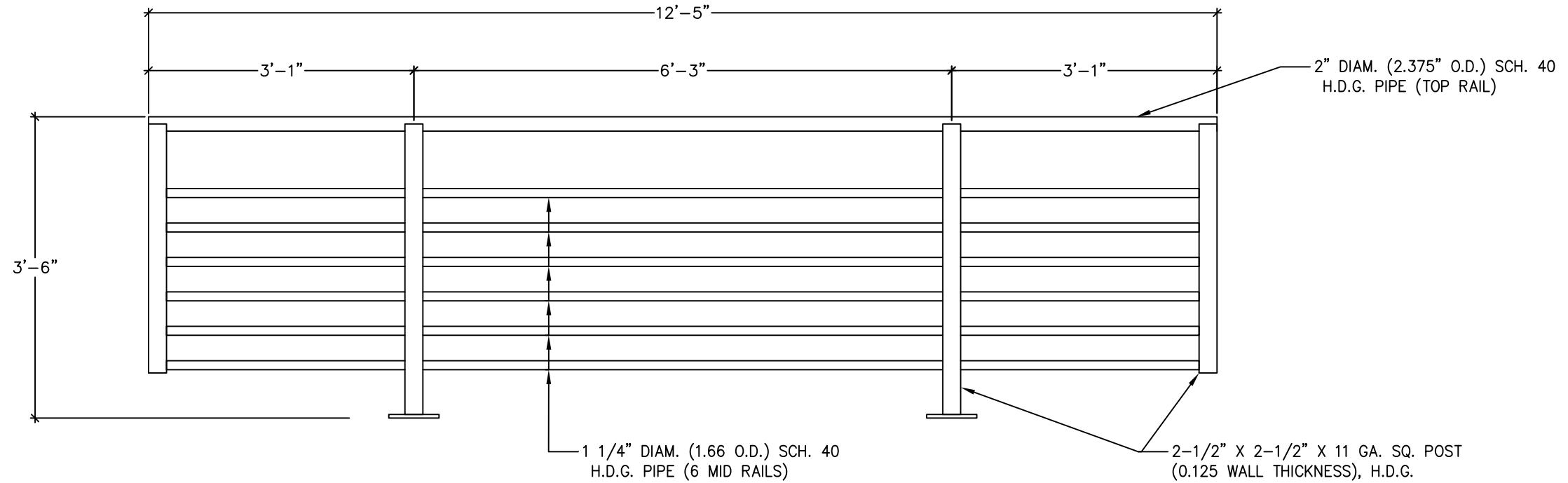
**HANDICAPPED CURB RAMP**



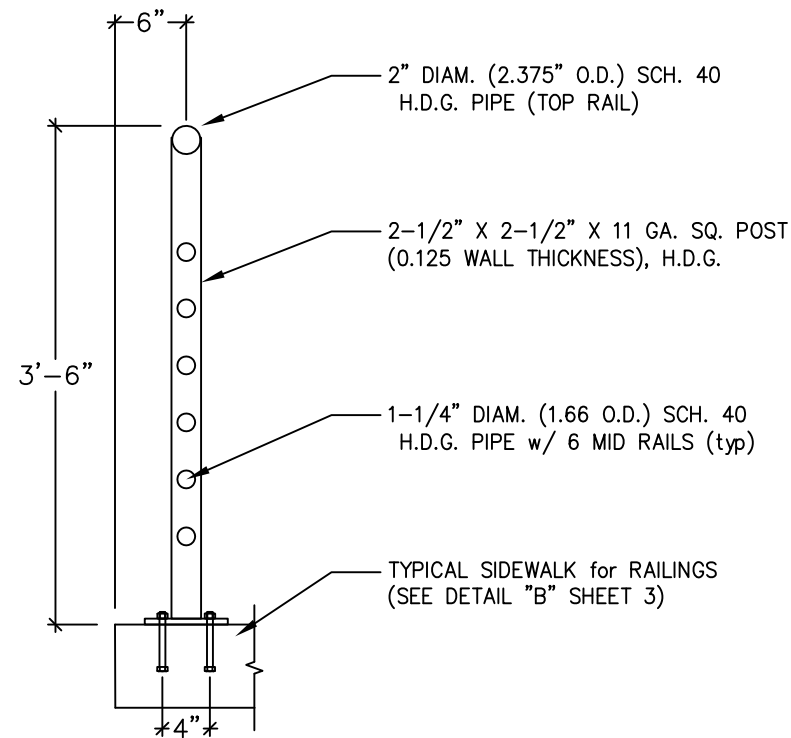
The proposed right-of-way guidelines, like the ADA and ABA Standards, address dome size, truncation, and spacing.

**"F" TYPICAL HANDICAPPED CURB PLAN**  
SCALE: 1"=1'-0"

	CDBG SIDEWALK & DRAINAGE IMPROVEMENT on GUZMAN STREET		SHT 4
	Handicapped Curb Ramp		
	Drawn By: JMC	FILE No: 5000-38	
Approved By: BAC	DATE: 1/24/2019		

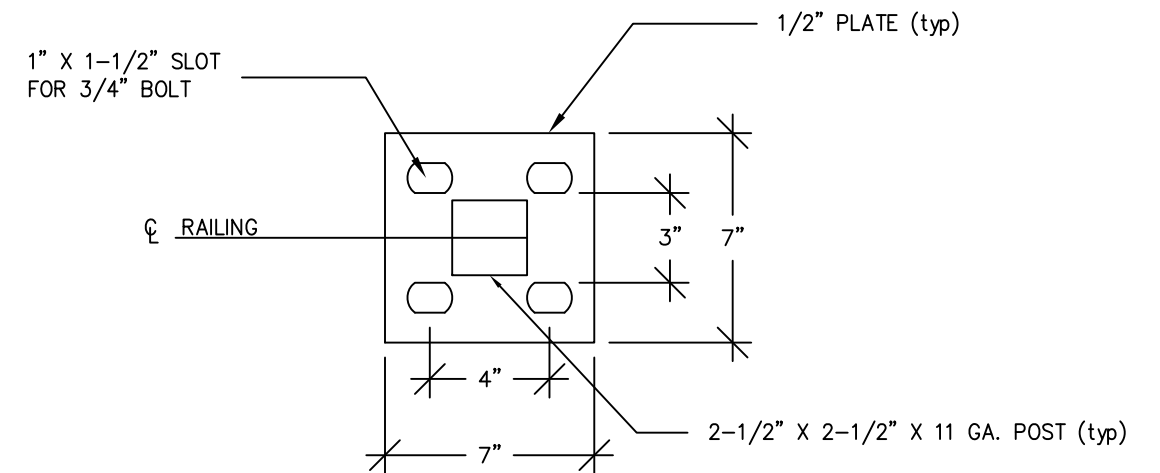


**TYPICAL WELDED PEDESTRIAN RAILING DETAIL**  
 SCALE: N.T.S. (ONE UNIT SHOWN) (4" MAX. B/T UNITS)



- NOTES:
1. PLUMB RAILINGS, SHIM AS REQUIRED  
NO LESS THAN 1/2 OF PIPE DIAMETER AT ALL JOINTS.
  2. SNUG TIGHT BOLTS
  3. DRY PACK GROUT UNDER BASEPLATE. (CRECURE 20 MIN.)
  4. RETIGHTEN BOLTS AFTER 24 HOURS

**PEDESTRIAN RAILING DETAIL**  
 SCALE: N.T.S.



**BASEPLATE DETAILS**  
 SCALE: N.T.S.



CDBG SIDEWALK & DRAINAGE IMPROVEMENT  
 on GUZMAN STREET

HANDRAIL DETAILS

Drawn By: JMC	FILE No: 5000-38
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