



**PERMIT APPLICATION REVIEW FORM FOR  
CABLE, CONDUIT, AND POLE LINE ACTIVITY  
IN FORT BEND COUNTY**

**Fort Bend County  
Engineering Department**  
301 Jackson Suite 401  
Richmond, Texas 77469  
281.633.7500  
Permits@fortbendcountytexas.gov

- Right of Way Permit
- Commercial Driveway Permit

Permit No: 2022-53170

Applicant: Hurtado Construction Company

Job Location Site: 1207 Cottonwood Church Road, Rosenberg, TX 77471

Bond No.                      Date of Bond: 4/12/2022 Amount: \$10,000.00

The above applicant came to make use of certain Fort Bend County property subject to, "The Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Chapter 181, Vernon's Texas Statutes and Codes Annotated.

Notes:

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required, via email, for certain construction activities in County right-of-way. Contact [permits@fbctx.gov](mailto:permits@fbctx.gov) for a copy of the notification procedure applicable to your project.
3. This permit expires one (1) year from date of permit if construction has not commenced.
4. This permit applies to work performed within right-of-ways owned and maintained by Fort Bend County only, and it is the responsibility of the applicant to acquire all other necessary permits and permissions.

On this 7th day of June, 2022, Upon Motion of Commissioner Meyers, seconded by Commissioner Morales, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

AS PER ORIGINAL

Signature  
By:   
County Engineer

Presented to Commissioners Court and approved.  
Date Recorded 6-10-2022 Comm. Court No. 16DD

By: N/A  
  
Drainage District Engineer/Manager

Clerk of Commissioners Court  
By:   
Deputy



**REVIEW BY FORT BEND COUNTY  
COMMISSIONERS COURT**

**Fort Bend County  
Engineering Department**  
301 Jackson Suite 401  
Richmond, Texas 77469  
281.633.7500  
Permits@fortbendcountytexas.gov

- Right of Way Permit
  - Commercial Driveway Permit
- Permit No: 2022-53170

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

**(1) COMPLETE APPLICATION FORM:**

- a. Name of road, street, and/or drainage ditch affected.
- b. Vicinity map showing course of directions
- c. Plans and specifications

**(2) BOND:**

- County Attorney, approval when applicable.
- Perpetual bond currently posted. Bond No: \_\_\_\_\_ Amount: \_\_\_\_\_
- Performance bond submitted. Bond No: [REDACTED] Amount: \$10,000.00
- Cashier's Check Check No: \_\_\_\_\_ Amount: \_\_\_\_\_

**(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):**

Adrian Wright  
Drainage District Approval

5/27/22  
Date

AS PER ORIGINAL

We have reviewed this project and agree it meets minimum requirements.

Lee E. Epton  
Permit Administrator

5/26/2022  
Date

**PERFORMANCE BOND COVERING ALL CABLE, CONDUIT AND/OR POLE LINE  
ACTIVITY IN, UNDER, ACROSS OR ALONG FORT BEND COUNTY ROAD,  
COMMERCIAL DRIVEWAY AND MEDIAN OPENINGS OR MODIFICATIONS  
(AUTHORIZED)**



3 pgs

2022078624

BOND NO [REDACTED]

THE STATE OF TEXAS §  
COUNTY OF FORT BEND §

KNOW ALL MEN BY THESE PRESENTS:

THAT WE, *Hurtado Construction Company* whose (address, phone) is 5629 FM 359 Rd., Brookshire, TX – 281-533-9498 Texas, hereinafter called the Principal, and *Liberty Mutual Insurance Company*, a Corporation existing under and by virtue of the laws of the state of *Massachusetts* and authorized to do an indemnifying business in the state of Texas, and whose principal office is located at (name/address/phone) *Liberty Mutual Insurance Company, 175 Berkeley Street, Boston, MA 02116 – 713-744-1763*, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought within said state is *Joshua Reynolds, Liberty Mutual Insurance Company* and whose address is *10713 W. Sam Houston Pkwy N., Suite 650, Houston, TX 77064*, hereinafter called the Surety, and held and firmly bound unto , KP George, County Judge of Fort Bend County, Texas, or his successors in office, in the full sum of *Ten Thousand & 00/100 Dollars (\$ 10,000.00)* current, lawful money of the United States of America, to be paid to said KP George, County Judge of Fort Bend County, Texas, or his successors in office, to which payment well and truly to be made and done, we, the undersigned, bind ourselves and each of us, our heirs, executors, administrators, successors, assigns, and legal representatives, jointly and severally, by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT, WHEREAS, the above bounden principal contemplates laying, constructing, maintaining and/or repairing one or more cables, conduits, and/or pole lines in, under, across and/or along roads, streets and highways, commercial driveway and median openings or modifications in the County of Fort Bend, and the State of Texas, under the jurisdiction of the Commissioners' Court of Fort Bend County, Texas, pursuant to the Commissioners' Court order adopted on the 1st day of December, A.D. 1980, recorded in Volume 13, of the Commissioners' Court Minutes of Fort Bend County, Texas, regulating same, which Commissioners' Court order is hereby referred to and made a part hereof for all purposes as though fully set out herein;

AND WHEREAS, the principal desires to provide Fort Bend County with a performance bond covering all such cable, conduit and/or pole line activity, commercial driveway and median openings or modifications;

NOW, THEREFORE, if the above bounden principal shall faithfully perform all its cable, conduit and/or pole line activity (including, but not limited to the laying, construction, maintenance and/or repair of cables, conduits and/or pole lines) in, under, across and/or along roads, streets and highways, commercial driveway and median openings or modifications in the County of Fort Bend and State of Texas, under the jurisdiction of the Commissioners Court of Fort Bend County, Texas, pursuant to and in accordance with minimum requirements and conditions of the above mentioned Commissioners' Court order set forth and specified to be by said principal done and performed, at the time and in the manner therein specified, and shall pay over and make good and reimburse Fort Bend County, all loss and damages which Fort Bend County may sustain by reason of any failure or default on the part of said principal, then this obligation shall be null and void, otherwise to remain in full force and effect.

This bond is payable at the County Courthouse in the County of Fort Bend and State of Texas.

It is understood that at any time Fort Bend County deems itself insecure under this bond, it may require further and/or additional bonds of the principal.

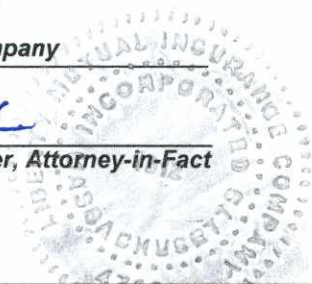
EXECUTED this *12th* day of *April*, 2022 .

*Hurtado Construction Company*  
PRINCIPAL

BY   
MIGUEL HURTADO

*Liberty Mutual Insurance Company*  
SURETY

BY   
Kelly Nicole Enghauser, Attorney-in-Fact



CCM 06/07/2022 # 16DD  
Fort Bend County Clerk  
Return Div Supervisor RAC  
Permit# 2022-53170



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No. [Redacted]

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Blake S. Bohlig; Brian D. Carpenter; Craig Olmstead; Erik T. Gunkel; Heather R. Goedel; Irene Nichols; Jessica Hoff; Kelly Nicole Enghausser; Laurie Pflug; Megan Scott; Michelle Halter; Nicole Langer

all of the city of Bloomington state of MN each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 4th day of February, 2022.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: [Signature]
David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

State of PENNSYLVANIA ss
County of MONTGOMERY

On this 4th day of February, 2022 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



Commonwealth of Pennsylvania - Notary Seal
Teresa Pastella, Notary Public
Montgomery County
My commission expires March 28, 2025
Commission number 1126044
Member, Pennsylvania Association of Notaries

By: [Signature]
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 12th day of April, 2022.



By: [Signature]
Renee C. Llewellyn, Assistant Secretary

For bond and/or Power of Attorney (POA) verification inquiries, please call 610-832-8240 or email HOSUR@libertymutual.com.

**FILED AND RECORDED  
OFFICIAL PUBLIC RECORDS**

*Laura Richard*

Laura Richard, County Clerk

Fort Bend County Texas

June 09, 2022 04:08:46 PM



FEE: \$0.00 DP2

**2022078624**

AS PER ORIGINAL

**NOTES:**

1. SAWCUT EXISTING DRIVEWAY AT R.O.W. LINE OR AS SHOWN ON DRAWING AND REMOVE EXISTING DRIVEWAY TO SAWCUT LINE.
2. CONSTRUCT CURB BY FORMING CONCRETE (PROPOSED CURB TO EXISTING CURB) OVER EXISTING PAVED CURB (SEE DETAIL AT DRAWING).
3. SEE PRESENT DETAIL SHEET FOR CONCRETE CURB REINFORCEMENT.
4. THIS DRIVEWAY INSTALLATION IS GOVERNED BY HARRIS COUNTY ITEM NO. 20.

**MINIMUM MAIN REINFORCEMENTS - DRIVEWAYS**

REINFORCEMENT	LOCAL	COLLECTOR/MAJOR
RESIDENTIAL	3"	3"
COMMERCIAL	4"	2"

**SECTION A-A**  
DRIVEWAY SLOPES TO ROADWAY

PAVEMENT THICKNESS	COLLECTOR/MAJOR	RESIDENTIAL (MAJOR THROUGHDRAINS)	RESIDENTIAL (COLLECTORS AND LOCAL DRENCHES)
3"	#4 @ 24" O.C.W.	N/A	#4 @ 24" O.C.W.
4"	#4 @ 24" O.C.W.	#4 @ 24" O.C.W.	#4 @ 24" O.C.W.
4"	#4 @ 18" O.C.W.	#4 @ 18" O.C.W.	#4 @ 18" O.C.W.
5"-10"	#5 @ 18" O.C.W.	#5 @ 18" O.C.W.	#5 @ 18" O.C.W.
3"	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR
2"	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR
8"	12" DIA. SMOOTH BAR	12" DIA. SMOOTH BAR	12" DIA. SMOOTH BAR
9"-10"	11" DIA. SMOOTH BAR	11" DIA. SMOOTH BAR	11" DIA. SMOOTH BAR
CONSTRUCTION JOINT REBAR	ALL	#5 REBAR	#5 REBAR
SUBGRADE	ALL	8" CEMENT-STABILIZED SAND	2" BANK SAND
RUNNING SLOPE	ALL	2% TO 4%	2% TO 10%

**FOR INTERIOR REVIEW ONLY**  
CONSULTANT LOGO (LAYER "C-NON-PRINT")

**FORT BEND COUNTY ENGINEERING DEPARTMENT**

**CONSULTANT LOGO (LAYER "C-NON-PRINT")**

**FOR INTERIOR REVIEW ONLY**  
CONSULTANT LOGO (LAYER "C-NON-PRINT")

**DRIVEWAY DETAILS FOR RESIDENTIAL DRIVEWAYS**

**DATE: 7-1-21**

**BY: [Signature]**

**PROJECT NO: [Number]**

**SHEET NO: [Number]**

**NOTES:**

1. PROPOSED DRIVEWAY AT 6" CONCRETE CURB SHALL MATCH EXISTING CURB AT POINT OF INTERSECTION.
2. PROPOSED DRIVEWAY SHALL BE BUILT WITH PORTLAND CEMENT CONCRETE, 3 1/2" SACK MINIMUM PER CUBIC YARD, 4500 PSI STRENGTH CONCRETE, WITH SAWCUT INSTALLATION TO EXISTING 6" PARALLEL DRIVEWAY CURB.
3. COMPACTED SUBGRADE TO BACK OF FINISHING PROCTOR DENSITY (ASTM D1557) (1. THE OPTIMUM MOISTURE) FOR PROPOSED DRIVEWAY CONSTRUCTION. THE COUNTY ENGINEER RESERVES THE RIGHT TO INSPECT AND REQUIRE LABORATORY TEST TO BE CONDUCTED.
4. FOR COMMERCIAL DRIVEWAYS, USE 1" OF COMPACTED CEMENT STABILIZED SAND FOR RESIDENTIAL DRIVEWAYS, USE 2" OF COMPACTED BANK SAND.
5. A PROPOSED DRIVEWAY TO BE BUILT ON A CORNER LOT CANNOT BE LOCATED WITHIN AND ACROSS THE PUBLIC STREET CURB BACK (THE POINT OF TANGENCY) BUT BE THE SAME POINT ALONG THE STREET CURB LINE.
6. PROPOSED DRIVEWAY REINFORCING STEEL SHALL BE TIED TO EXISTING CONCRETE PAVEMENT WITH A MINIMUM LAP OF 18 INCHES.
7. A EXISTING STREET REBAR IS CUT OFF, WHEN AN ISOLATION JOINT (IF LOW) NEED TO BE INSTALLED AT 1/2" SPACING, EMBEDDED 6" REBAR AND SPACERS OR WALKER EXISTING SPACING IF TIGHTER.
8. 1" NON-EXTENDING DOWELS ARE REQUIRED.
9. FOR CORNER DRIVEWAY PROJECTS, THE SUBGRADE SHALL BE STABILIZED ACCORDING TO THE GEOLOGICAL REPORT.
10. SEE AND SEAL ALL CONSTRUCTION JOINTS.
11. SOAKAWAY SLOPES SHALL CORRECT WITH THE YEARS ACCESSIBILITY STANDARDS, 11.1.1.1.1.1.
12. IF DRIVEWAY IS EXISTING SEE SECTION C-C.
13. SOAKAWAYS MUST BE RELOCATED 4' IN FRONT OF SINGLE-FAMILY RESIDENTIAL LOTS WHEN A 5' PARKING AREA IS PROVIDED IN THE DRIVEWAY.
14. FOR DRIVEWAY DETAILS SEE DRIVEWAY DETAILS SHEET.

**SECTION A-A**  
SCALE: 1" = 3'-0"

**SECTION B-B**  
SCALE: 1" = 1'-0"

**SECTION C-C**  
SCALE: 1" = 1'-0"

PAVEMENT THICKNESS	COLLECTOR/MAJOR	RESIDENTIAL (MAJOR THROUGHDRAINS)	RESIDENTIAL (COLLECTORS AND LOCAL DRENCHES)
3"	#4 @ 24" O.C.W.	N/A	#4 @ 24" O.C.W.
4"	#4 @ 24" O.C.W.	#4 @ 24" O.C.W.	#4 @ 24" O.C.W.
4"	#4 @ 18" O.C.W.	#4 @ 18" O.C.W.	#4 @ 18" O.C.W.
5"-10"	#5 @ 18" O.C.W.	#5 @ 18" O.C.W.	#5 @ 18" O.C.W.
3"	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR
2"	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR
8"	12" DIA. SMOOTH BAR	12" DIA. SMOOTH BAR	12" DIA. SMOOTH BAR
9"-10"	11" DIA. SMOOTH BAR	11" DIA. SMOOTH BAR	11" DIA. SMOOTH BAR
CONSTRUCTION JOINT REBAR	ALL	#5 REBAR	#5 REBAR
SUBGRADE	ALL	8" CEMENT-STABILIZED SAND	2" BANK SAND
RUNNING SLOPE	ALL	2% TO 4%	2% TO 10%

**FOR INTERIOR REVIEW ONLY**  
CONSULTANT LOGO (LAYER "C-NON-PRINT")

**FORT BEND COUNTY ENGINEERING DEPARTMENT**

**CONSULTANT LOGO (LAYER "C-NON-PRINT")**

**FOR INTERIOR REVIEW ONLY**  
CONSULTANT LOGO (LAYER "C-NON-PRINT")

**DRIVEWAY DETAILS FOR RESIDENTIAL DRIVEWAYS**

**DATE: 7-1-21**

**BY: [Signature]**

**PROJECT NO: [Number]**

**SHEET NO: [Number]**



AS PER ORIGINAL

### 1. SET POSTS AT REQUIRED SPACINGS

2. EXCAVATE 2 1/2" DEEP TRENCHES AROUND THE LINE OF POSTS AND SECURE WIRE FENCE TO POSTS.

3. ATTACH FIBER FABRIC TO POSTS AND STAPLE IT INTO THE EXCAVATED SLOT.

### REINFORCED FILTER FABRIC BARRIER

1. SECURELY FASTEN WIRE FENCE TO POSTS WITH STAPLES OR PE WIRE.

2. SECURELY FASTEN FIBER FABRIC TO WIRE FENCING.

3. JOIN TWO SECTIONS OF FILTER FABRIC ALONG EACH OTHER, OVERLAP 8 INCHES AT A POST, FOLD TOGETHER, AND STAPLE TO A POST.

4. REMOVE EXCESS FABRIC WHEN SLOPE REACHES ONE-THIRD OF THE HEIGHT OF THE FENCE IN DEPTH.

5. SLOPE FENCE MINIMUM 2" BEHIND CURB.

### ABOVE GROUND TEMP. VEHICLE & EQUIPMENT FUELING AREA WITH TANKS

1. THE SIZE OF TANK FOUNDATION AREA DEPENDS ON THE SIZE OF ABOVE GROUND STORAGE TANK AND DISPENSER ASSEMBLY.

2. PROVIDE A MINIMUM SLOPE OF 1% TOWARD THE TANK PILL.

3. INSTALL IMPERMEABLE LINER AS PER MANUFACTURER'S RECOMMENDATIONS.

### GENERAL NOTES

1. FIBER BOLL WILL BE UTILIZED ONLY WHEN SITE CONDITIONS DO NOT PERMIT THE USE OF FIBER FABRIC BARRIER, AND IS APPROVED BY THE ENGINEER.

### STABILIZED CONSTRUCTION ACCESS

1. MINIMUM LENGTH IS AS SHOWN ON CONSTRUCTION DRAWINGS OR 50 FEET, WHICHEVER IS GREATER.

2. CONSTRUCT AND MAINTAIN CONSTRUCTION STABILIZED ACCESS THROUGHOUT CONSTRUCTION PERIOD.

3. UNLESS SHOWN ON THE CONSTRUCTION DRAWINGS, STABILIZATION FOR OTHER AREAS WILL HAVE THE SAME AGGREGATE THICKNESS AND WIDTH REQUIREMENTS AS THE STABILIZED CONSTRUCTION PAVEMENT.

4. WHEN SHOWN ON THE CONSTRUCTION DRAWINGS, WIDTH OF EXISTING STABILIZED AREA TO ACCOMMODATE A TRUCK TRAILER AND A TRUCK TRAILER TURN RADIUS SHALL BE PROVIDED.

5. PROVIDE PROTECTIVE CURB DRESSING WITH POSITIVE CURVE AGGREGATE TO MINIMIZE THE REQUIRED BIRTH OF BIRTH SURFACE BECOMES MOVED WITH WIND.

6. PERIODICALLY TURN AGGREGATE TO EXPOSE A CLEAN DRAINING SURFACE.

7. MINIMUM 1" BIRTH FOR ONE WAY TRAFFIC AND 2" BIRTH FOR TWO WAY TRAFFIC.

### BARREL STORAGE AREA

1. ALTERNATELY, STORE BARRELS IN AN ENCLOSED BUILDING OR SHED.

2. INSTALL IMPERMEABLE LINER AS PER MANUFACTURER'S RECOMMENDATIONS, 60 IN MINIMUM.

3. CONSTRUCT BERMED AREA WITH AGGREGATE GREATER THAN OR EQUAL TO 1/2" DIA. VOLUME OF BARRELS.

### GENERAL NOTES

1. POSTS 1" HIGH READING "CONCRETE WASHOUT" SHALL BE 10" TO THE PILE.

2. VERTICALLY INSURE THE CONCRETE TRUCK BARRIERS WITH THE PILE AND TO WASHOUT THEIR TRUCKS IN THE PIT AND SOMEWHERE ELSE.

3. UPON THE CONCRETE SETTING UP (CURING), OPENING UP, THE CONCRETE BARRIERS SHALL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF PROPERLY BY THE CONTRACTOR AFTER REMOVAL OF THE CONCRETE BARRIERS. THE WASHOUT PIT SHALL BE FILLED WITH CLEAN FILL MATERIAL AND COMPACTED TO IN-SITU CONDITIONS, OR AS SPECIFIED BY THE PROJECT SPECIFICATIONS.

4. CONCRETE WASHOUT PITS SHALL NOT BE LOCATED DIRECTLY ADJACENT TO, NOR AT ANY THE DRIVE AND THE STUMP SERVICE SYSTEM OR ANY OTHER DRIVE, DITCH, OR WATERWAY.

5. CONCRETE ENTRY ROAD AND BOTTOM OF WASHOUT AREA TO SURFACE UNRESTRICTED LENGTHS FROM TRUCKS COLUMN.

### INLET PROJECTION BARRIERS FOR STAGE I INLETS

1. REMOVE EXCESS DEBRIS WITH THE DEBRIS REMOVAL TOOL ACCUMULATED TO ONE-THIRD THE HEIGHT OF THE BARRIER.

2. CURBS AND SLOPE SHALL NOT EXCEED HEIGHTS OF WHEEL UNLESS DIRECTED BY ENGINEER.

### CONCRETE TRUCK WASHOUT AREA

1. REMOVE EXCESS DEBRIS WITH THE DEBRIS REMOVAL TOOL ACCUMULATED TO ONE-THIRD THE HEIGHT OF THE BARRIER.

2. CURBS AND SLOPE SHALL NOT EXCEED HEIGHTS OF WHEEL UNLESS DIRECTED BY ENGINEER.

### CONSTRUCT FIBER DAMS ACCORDING TO THE FOLLOWING CRITERIA UNLESS SHOWN OTHERWISE ON THE PLANS.

1. TYPE 1 AND 3 FIBER DAMS SHALL BE 20 GAUGE GALVANIZED BROWN WIRE MESH WITH 1" DIA. CHANNELS.

2. PLACE CHANNEL FILL ON THE WIRE MESH TO HEIGHT AND SLOPED SHOWN ON PLANS OR AS SPECIFIED BY THE ENGINEER.

3. 3-3" BARS FOR ROCK FILTER DAM TYPES 1, 2 AND 3.

4. 1-3" BARS FOR ROCK FILTER DAM TYPE REFER TO CHANNEL FILL IN SPECIFICATION SECTION NO. 0272 AND CHANNEL FILL.

5. FOLD WIRE MESH AT LIFTING SIDE OVER GRANULAR FILL AND TIGHTLY SECURED TO ITSELF ON THE DOWNSTREAM SIDE USING WIRE TIE OR WOOD BUNGS.

6. W/ STREAMS, SECURE OR STAKE WIRE TO STREAM BED FROM TO INCREASE PLACEMENT.

7. SEE W/CD SPECIFICATION SECTION NO. 0272 FOR FIBER DAMS.

8. CURBS ONE FOOT MINIMUM INTO SLOPE AND PROTECT ONE FOOT MINIMUM FROM CENTER OF DEPRESSED AREA AT SLOPE.

### INLET PROJECTION BARRIERS (FIBER) FOR STAGE II INLETS

1. REMOVE EXCESS DEBRIS WITH THE DEBRIS REMOVAL TOOL ACCUMULATED TO ONE-THIRD THE HEIGHT OF THE BARRIER.

2. CURBS AND SLOPE SHALL NOT EXCEED HEIGHTS OF WHEEL UNLESS DIRECTED BY ENGINEER.

### CONCRETE WASHOUT PIT

1. REMOVE EXCESS DEBRIS WITH THE DEBRIS REMOVAL TOOL ACCUMULATED TO ONE-THIRD THE HEIGHT OF THE BARRIER.

2. CURBS AND SLOPE SHALL NOT EXCEED HEIGHTS OF WHEEL UNLESS DIRECTED BY ENGINEER.

## FORT BEND COUNTY ENGINEERING DEPARTMENT

CONSULTANT: LOGG (LAYER "C"-NON-PRINT)

FOR REVIEW REVIEW ONLY

PROJECT NO. 2-1-21

DATE: 2-1-21