



**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@fortbendcountytx.gov

Right of Way Permit
 Commercial Driveway Permit

Permit No: 2023-65850

Applicant: Bypass BESS LLC

Job Location Site: 2201 Y.U. Jones Rd., Richmond, TX 77469

LOC No. **Date of LOC:** 12/5/2023 **Amount:** \$750,000.00

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:

- Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
- Written notices are required, via email, for certain construction activities in County right-of-way. Contact permits@fbctx.gov for a copy of the notification procedure applicable to your project.
- This permit expires one (1) year from date of permit if construction has not commenced.
- 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 19th day of December, 2023, Upon Motion of Commissioner Meayers, seconded by Commissioner McCoy, 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.

Signature


By: 
County Engineer

Presented to Commissioners Court and approved.

Date Recorded 12/19/2023 Comm. Court No. 19C2

By: N/A
Drainage District Engineer/Manager

Clerk of Commissioners Court

By: 
Deputy



REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT

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Engineering Department
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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.

Letter of Credit currently posted.

LOC No: [REDACTED]

Amount: \$750,000.00

Performance bond submitted.

Bond No: _____

Amount: _____

Cashier's Check

Check No: _____

Amount: _____

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

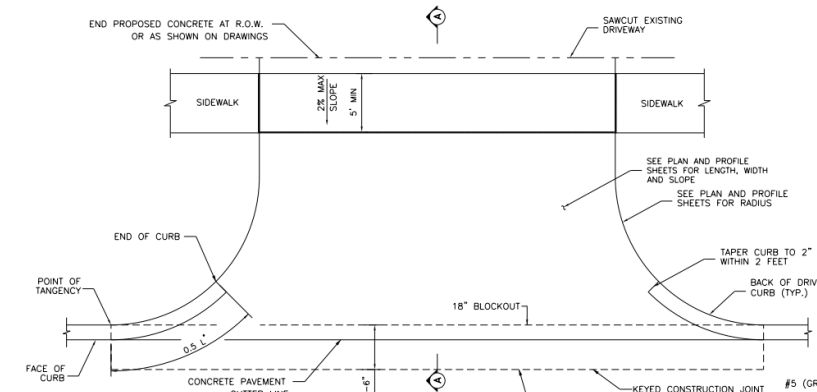
We have reviewed this project and agree it meets minimum requirements.

Permit Administrator

12/6/2023

Date

A:\1704\1801\Fort Bend County STD\DWY\SEC DRIVEWAY DETAILS FOR MAJOR ROADWAY CONSTRUCTION.DWG



- NOTES:**
1. SAWCUT EXISTING DRIVEWAY AT R.O.W. LINE OR AS SHOWN ON DRAWING AND REMOVE EXISTING DRIVEWAY TO SAWCUT LINE.
 2. IF THERE IS EXISTING CURB ON DRIVEWAY, CONNECT PROPOSED CURB TO EXISTING CURB OTHERWISE REFER CURB HEIGHT AS SHOWN.
 3. SEE PAVEMENT DETAIL SHEET FOR CONCRETE CURB REINFORCEMENT.
 4. THIS DRIVEWAY INSTALLATION IS GOVERNED BY HARRIS COUNTY ITEM 360.

MINIMUM RADII REQUIREMENTS - DRIVEWAYS		
	LOCAL	COLLECTOR/MAJOR
RESIDENTIAL	5'	-
COMMERCIAL	10'	25'



	PAVEMENT THICKNESS	COLLECTOR/MAJOR	RESIDENTIAL (MAJOR THROUGHFARE)	RESIDENTIAL (COLLECTORS AND LOCAL STREETS)
REINFORCEMENT	6"	#4 @ 24" O.C.E.W.	N/A	#4 @ 24" O.C.E.W.
	7"	#4 @ 24" O.C.E.W.	#4 @ 24" O.C.E.W.	#4 @ 24" O.C.E.W.
	8"	#4 @ 18" O.C.E.W.	#4 @ 18" O.C.E.W.	#4 @ 18" O.C.E.W.
EXPANSION DOWEL JOINT	6"	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR
	7"	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR
	8"	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR	1" DIA. SMOOTH BAR
CONSTRUCTION JOINT DOWEL	ALL	#5 REBAR	#5 REBAR	#5 REBAR
	ALL	6" CEMENT-STABILIZED SAND	2" BANK SAND	2" BANK SAND
RUNNING SLOPE	ALL	2% TO 4%	2% TO 6%	2% TO 10%*

*10% ALLOWABLE ON PRIVATELY CONSTRUCTED PROJECTS
6% MAX ON PUBLIC PROJECTS

NO.	REVISIONS	DATE	NAME
1	ORIGINAL STANDARD ISSUED	2-1-21	RWB

FORT BEND COUNTY
ENGINEERING DEPARTMENT

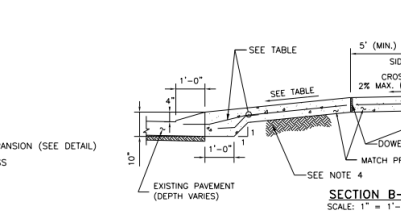
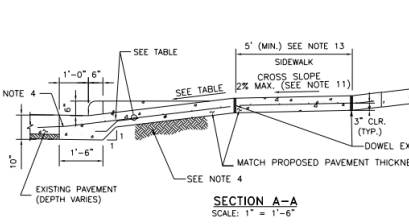


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(LAYER "C-NON-PRINT")

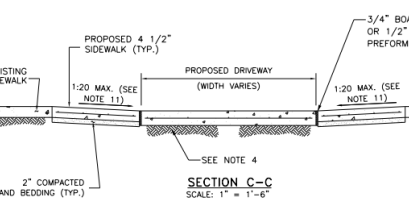
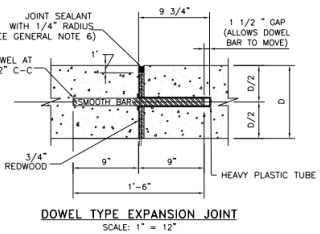
FOR INTERIM REVIEW ONLY
DOCUMENT INCOMPLETE
NOT APPROVED FOR CONSTRUCTION
BIDDING/PERMITS BUSINESS
(LAYER "C-NON-PRINT")
P.E. SERIAL No.
DATE:

PROJECT TITLE:	FRCD STANDARD
DRAWN BY: NIT	
CHK'D BY: NIT	
SHEET DESCRIPTION: DRIVEWAY DETAILS FOR	
SCALE: 1"=1'-6"	
MAJOR ROADWAY CONSTRUCTION	
APPROVED BY:	SHEET NO. # / #
DATE: 2-1-21	

A:\1704\1801\Fort Bend County STD\DWY\SEC DRIVEWAY DETAILS FOR MAJOR ROADWAY CONSTRUCTION.DWG



- NOTES:**
1. PROPOSED DRIVEWAY AT 6" CONCRETE CURB SHALL MATCH EXISTING CURB AT POINT OF TANGENCY.
 2. PROPOSED DRIVEWAY SHALL BE BUILT WITH PORTLAND CEMENT CONCRETE, 5 1/2 SACK MINIMUM PER CUBIC YARD, 3,500 PSI STRENGTH AT 28 DAYS. THIS DRIVEWAY INSTALLATION IS GOVERNED BY HARRIS COUNTY ITEM 360.
 3. COMPACTION OF SUBGRADE TO 95% OF STANDARD PROCTOR DENSITY (ASTM D698) (± 2% OPTIMUM MOISTURE) FOR PROPOSED DRIVEWAY CONNECTION. THE COUNTY ENGINEER RESERVES THE RIGHT TO INSPECT AND REQUIRE LABORATORY TEST TO BE CONDUCTED.
 4. FOR COMMERCIAL DRIVEWAYS, USE 6" 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 ANY PORTION OF THE PUBLIC STREET CURB RADI. THE POINTS OF TANGENCY MAY 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 16 INCHES.
 7. IF EXISTING STREET REBAR IS CUT OFF, THEN #4 DOWEL BARS (18" LONG) NEED TO BE INSTALLED AT 24" SPACING, EMBEDDED 9 INCHES AND EPOXIED OR MATCH EXISTING SPACING IF TIGHTER. 3" NON-METALLIC CHAIRS ARE REQUIRED.
 8. FOR CAPITAL IMPROVEMENT PROJECTS, THE SUBGRADE SHALL BE STABILIZED ACCORDING TO THE GEOTECHNICAL REPORT RECOMMENDATIONS.
 9. SAW AND SEAL ALL CONSTRUCTION JOINTS.
 10. SIDEWALK SLOPES SHALL COMPLY WITH THE TEXAS ACCESSIBILITY STANDARDS 403.3 "SLOPE".
 11. IF SIDEWALK IS EXISTING, SEE SECTION C-C.
 12. SIDEWALKS MAY BE REDUCED TO 4" IN FRONT OF SINGLE-FAMILY RESIDENTIAL LOTS WHEN A 5' PASSING AREA IS PROVIDED IN THE DRIVEWAY.
 13. FOR SIDEWALK DETAILS SEE SIDEWALK DETAILS SHEET



	PAVEMENT THICKNESS	COLLECTOR/MAJOR	RESIDENTIAL (MAJOR THROUGHFARE)	RESIDENTIAL (COLLECTORS AND LOCAL STREETS)
REINFORCEMENT	6"	#4 @ 24" O.C.E.W.	N/A	#4 @ 24" O.C.E.W.
	7"	#4 @ 24" O.C.E.W.	#4 @ 24" O.C.E.W.	#4 @ 24" O.C.E.W.
	8"	#4 @ 18" O.C.E.W.	#4 @ 18" O.C.E.W.	#4 @ 18" O.C.E.W.
EXPANSION DOWEL JOINT	6"	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR	3/4" DIA. SMOOTH BAR
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CONSTRUCTION JOINT DOWEL	ALL	#5 REBAR	#5 REBAR	#5 REBAR
	ALL	6" CEMENT-STABILIZED SAND	2" BANK SAND	2" BANK SAND
RUNNING SLOPE	ALL	2% TO 4%	2% TO 6%	2% TO 10%*

*10% ALLOWABLE ON PRIVATELY CONSTRUCTED PROJECTS
6% MAX ON PUBLIC PROJECTS

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1	ORIGINAL STANDARD ISSUED	2-1-21	RWB

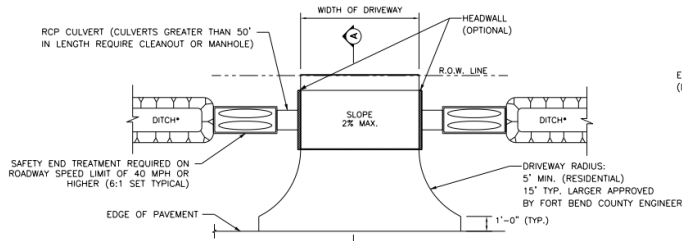
FORT BEND COUNTY
ENGINEERING DEPARTMENT



CONSULTANT LOGO
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DOCUMENT INCOMPLETE
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BIDDING/PERMITS BUSINESS
(LAYER "C-NON-PRINT")
P.E. SERIAL No.
DATE:

PROJECT TITLE:	FRCD STANDARD
DRAWN BY: NIT	
CHK'D BY: NIT	
SHEET DESCRIPTION: DRIVEWAY DETAILS FOR	
SCALE: AS NOTED	
RESIDENTIAL DRIVEWAYS	
APPROVED BY:	SHEET NO. # / #
DATE: 2-1-21	

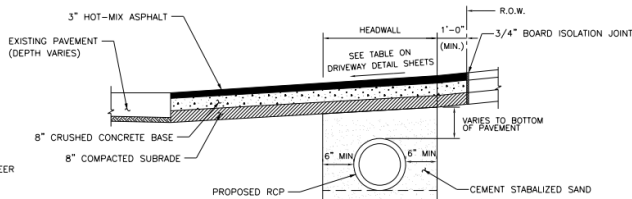


OPEN DITCH DRIVEWAY
*DITCH IS TO HAVE 4:1 SLOPE

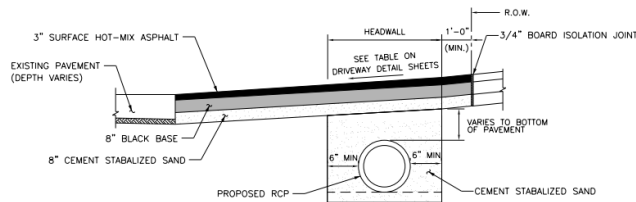
MINIMUM RADI REQUIREMENTS - DRIVEWAYS		
	LOCAL	COLLECTOR/MAJOR
RESIDENTIAL	5'	-
COMMERCIAL	10'	25'



ASPHALT APRON DETAIL - DRIVEWAY PROFILE FOR CULVERT DRAINAGE



SECTION A-A FOR RESIDENTIAL DRIVEWAYS



SECTION A-A FOR COMMERCIAL DRIVEWAYS

NO.	REVISIONS	DATE	NAME
1	ORIGINAL STANDARD ISSUED	2-1-21	RWB
2			
3			
4			

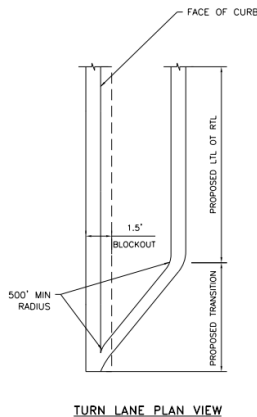
FORT BEND COUNTY
ENGINEERING DEPARTMENT



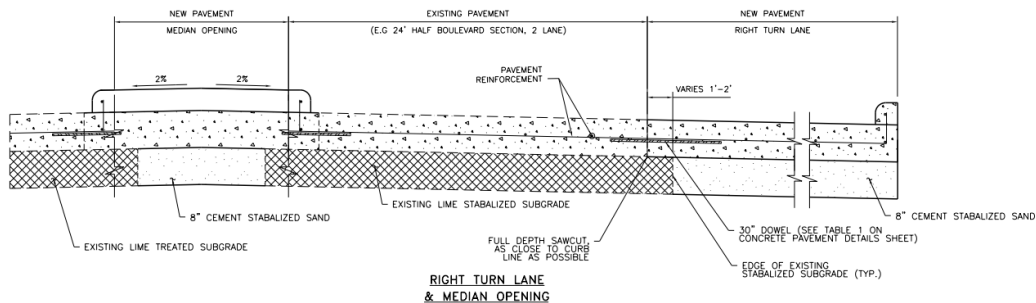
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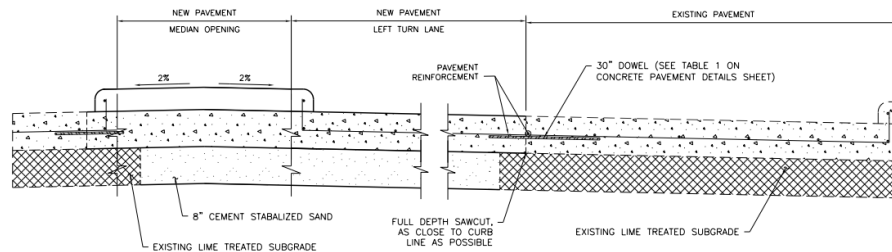
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CHECKED BY: INIT		
SCALE: AS NOTED		
DATE: 2-1-21	APPROVED BY:	SHEET NO: # / #



TURN LANE PLAN VIEW



RIGHT TURN LANE & MEDIAN OPENING



LEFT TURN LANE & MEDIAN OPENING

- NOTES**
- FOR CONCRETE PAVEMENT REINFORCEMENT AND JOINT DETAILS, SEE CONCRETE PAVEMENT DETAILS SHEET

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2			
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4			

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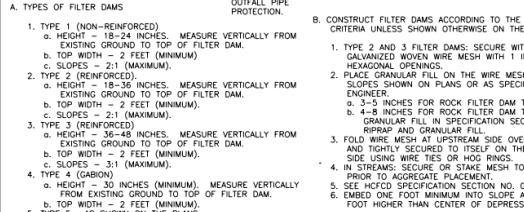


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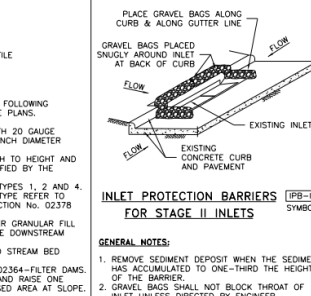
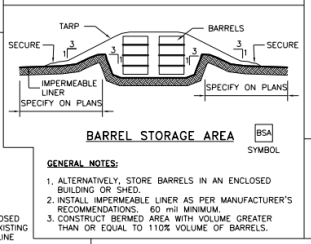
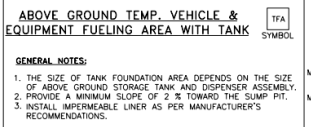
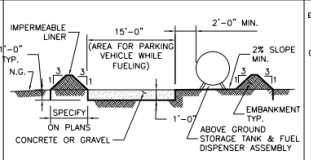
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DRAWN BY: INIT	SHEET DESCRIPTION: TURN LANE & MEDIAN OPENING DETAIL	
CHECKED BY: INIT		
SCALE: AS NOTED		
DATE: 2-1-21	APPROVED BY:	SHEET NO: # / #

I:\176A\180A\Fort Bend County Standard\Fort Bend County STD\DWG\FBC STORM WATER POLLUTION PREVENTION PLAN DETAILS\STORM_WATER_POLLUTION_PREVENTION_PLAN_DETAILS.dwg



A. TYPES OF FILTER DAMS

- TYPE 1 (NON-REINFORCED)
 - HEIGHT - 18-24 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - TOP WIDTH - 2 FEET (MINIMUM).
 - SLOPES - 2:1 (MAXIMUM).
- TYPE 2 (REINFORCED)
 - HEIGHT - 18-36 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - TOP WIDTH - 2 FEET (MINIMUM).
 - SLOPES - 2:1 (MAXIMUM).
- TYPE 3 (REINFORCED)
 - HEIGHT - 36-48 INCHES. MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - TOP WIDTH - 2 FEET (MINIMUM).
 - SLOPES - 3:1 (MAXIMUM).
- TYPE 4 (GABION)
 - HEIGHT - 30 INCHES (MINIMUM). MEASURE VERTICALLY FROM EXISTING GROUND TO TOP OF FILTER DAM.
 - TOP WIDTH - 2 FEET (MINIMUM).
 - SLOPES - 2:1 (MAXIMUM).
- TYPE 5. AS SHOWN ON THE PLANS.



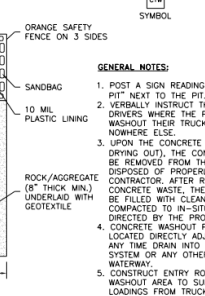
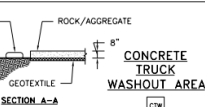
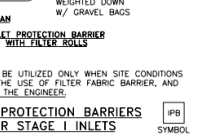
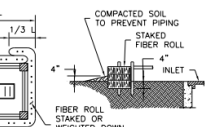
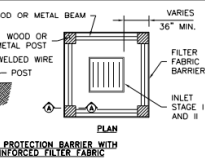
REVISIONS

NO.	REVISIONS	DATE	NAME
1	ORIGINAL STANDARD ISSUED	2-1-21	RWB

FORT BEND COUNTY
ENGINEERING DEPARTMENT

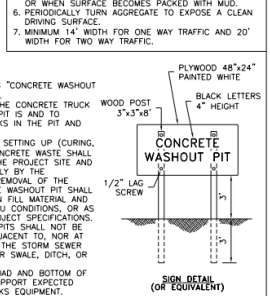
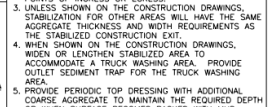
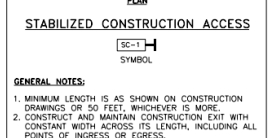
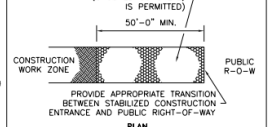
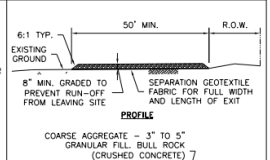


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FOR INTERIM REVIEW ONLY

PROJECT TITLE:	DRAWN BY:	DATE:
STORM WATER POLLUTION PREVENTION PLAN DETAILS	INT	2-1-21



FOR INTERIM REVIEW ONLY

PROJECT TITLE:	DRAWN BY:	DATE:
STORM WATER POLLUTION PREVENTION PLAN DETAILS	INT	2-1-21