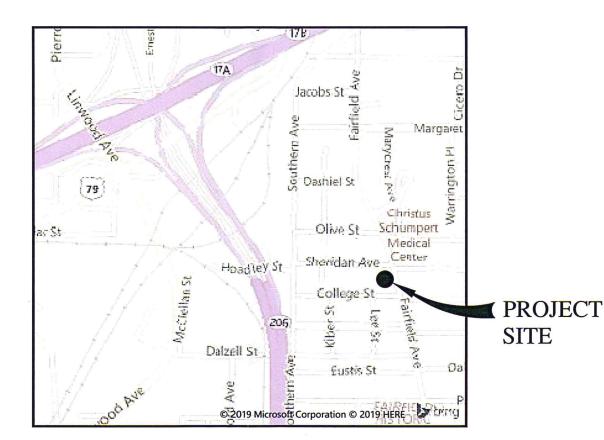
2106 FAIRFIELD AVENUE PARKING LOT AND HANDICAP RAMP

SHREVEPORT, LOUISIANA



EXECUTIVE DIRECTOR APPROVAL

6-6-19 Date



INDEX TO DRAWINGS

SHEET No. DESCRIPTION

C1 TITLE SHEET

EXIST. CONDITIONS & DEMOLITION PLAN GEOMETRIC LAYOUT PLAN

C2 PAVING AND GRADING PLAN

EROSION AND SEDIMENTATION CONTROL AND LANDSCAPE PLAN

C3 SITE DETAILS

C4 EROSION CONTROL DETAILS

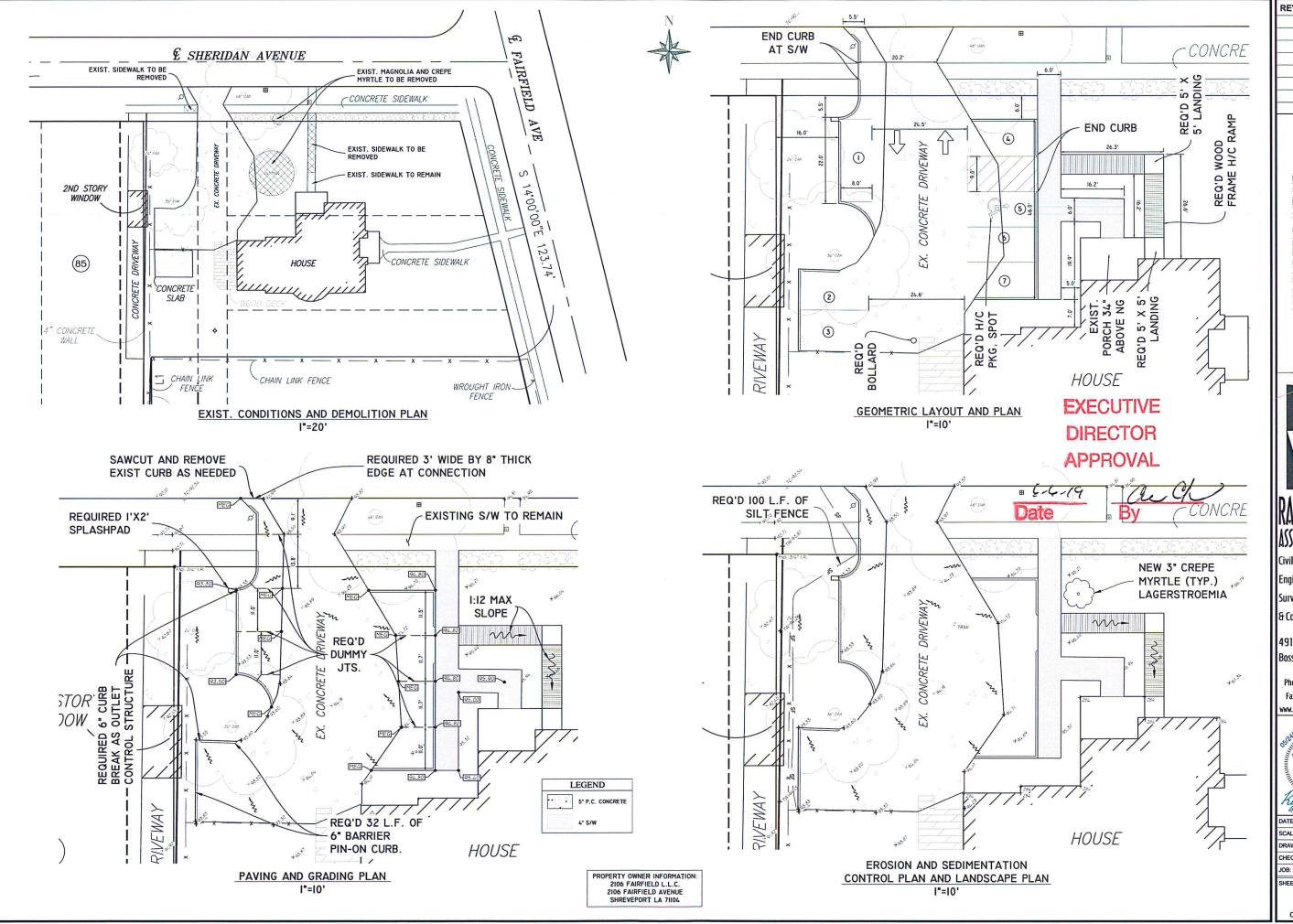
VICINITY MAP



DATE

CITY OF SHREVEPORT STANDARD SPECIFICATIONS FOR DRAINAGE, CURRENT EDITION, SHALL GOVERN ON THIS PROJECT.





REVISIONS BY

2106 FAIRFIELD AVENUE FREEMONT SUBDIVISION Shreveport, Louisiana

2106 F/ FREEMO Shrei

RALEY AN ASSOCIATES, II Civil & Structural

Civil & Structur Engineering,

Surveying, Planning & Consulting

4913 Shed Road Bossier City, LA 71111

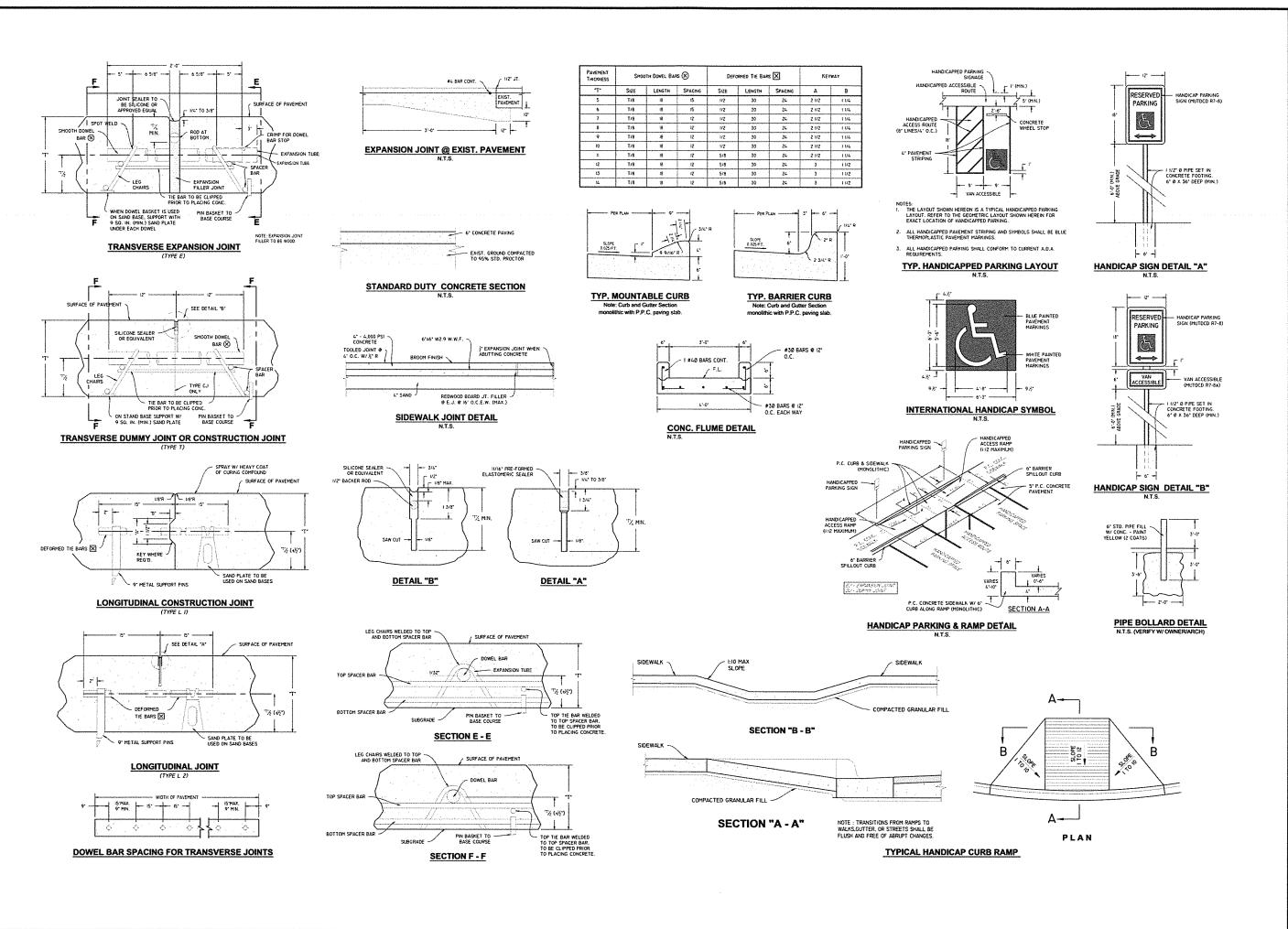
Phone 318.752-9023 Fax 318.752-9025 www.raleyandassociates.com



DATE: 05/24/2019
SCALE: AS SHOWN
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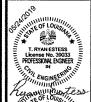
2106 FAIRFIELD AVENUE
FREEMONT SUBDIVISION
Shreveport, Louisiana

Civil & Structural Engineering,

Surveying, Planning & Consulting

4913 Shed Road Bossier City, LA 71111

> Phone 318.752-9023 Fax 318.752-9025 www.raleyandassociates.com



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STANDARD FOR LAND GRADING

DEFINITION

RESHAPING OF THE EXISTING TOPOGRAPHY IN ACCORDANCE WITH A PLAN AS DETERMINED BY ENGINEERING SURVEYS, DESIGN & LAYOU

LAND GRADING IS USED FOR ONE OR MORE OF THE FOLLOWING PURPOSES: PROVIDE MORE SUITABLE SITES FOR BUILDING, FACILITIES, AND OTHER LAND USES: IMPROVE SURFACE DRAINAGE AND CONTROL EROSION.

THE LAND GRADING PLAN AND INSTALLATION SHALL BE BASED UPON ADEQUATE SURVEYS AND INVESTIGATIONS. THE PROPOSED LAND USE AND GRADING PLAN SHOULD FIT AND UTILIZE EXISTING TOPGGRAPHY AND NATURAL SURROUMENINGS AND PANKE EXTREME GRADE MODIFICATIONS USINE CLEARLY. THE PLAN IS TO SHOW THE LOCATION, SLOPE, CLIT, FALL ADD INSHE LEEVATION OF THE SURFACES TO BE GRADED AND THE AUXILIARY PRACTICES FOR SAFE DISPOSAL, OF RUNOFF WATER, SLOPE STABILIZATION, EROSION CONTROL, AND GRANAGE SUCH AS WATERWAYS, LIBED CHANNES, DEVERSIONS, GRADE STABILIZATION STRUCTURES, RETAINING MULLS, AND

THE GRADING PLAN SHALL BE IN ACCORDANCE WITH THE FOLLOWING

- THE CUT FACE OF EARTH EXCANATION WHICH IS TO BE VEGETATED SLOPES OF MATERIALS NOT TO BE VEGETATED SHALL BE AT THE SAFE ANGLE OF REPOSE FOR THE MATERIALS ENCONTERED. LINVEGETATED CUT SLOPES SHALL BE PROTECTED BY MCCHANCAL TREATMENT TO PROTECT THEN FROM EROSION.
- 2. THE PERMANENT EXPOSED FACES OF FILLS SHALL BE NO STEEPER THAN 3 HORIZONTAL TO I VERTICAL
- PROVISIONS ARE TO BE MADE TO SAFELY CONDUCT SURFACE WATER TO STORM DRAINS OR SUITABLE NATURAL WATER COURSES AND TO PREVENT SURFACE RUNOFF FROM DAMAGING OUT FACES AND FILL SLOPES.
- 4. SUBSURFACE DRAINAGE IS TO BE PROVIDED IN AREAS HAVING HIGH WATER TABLE OR SEEPAGE CONDITIONS THAT WOULD AFFECT SLOPE STABILITY, BUILDING FOLADATIONS, CREATE UNDESIRABLE WETNESS.
- EXCAVATIONS SHALL NOT BE HADE SO CLOSE TO PROPERTY LINES AS TO ENDANGER ADJOINING PROPERTY WITHOUT SUPPORTING AND PROTECTING SUCH PROPERTY FROM EROSION, SLIDING, SETTLING, OR CRACKING.
- NO FILL IS TO BE PLACED WHERE IT WILL SLIDE, OR WASH UPON THE PREMISES OF ANOTHER OR SO PLACED ADJACENT TO THE BANK OF A CHAINEL AS TO CREATE BANK FAILURE OR REDUCE THE NATURAL CAPACITY
 OF THE STREAM.
- 8. FILLS ARE TO CONSIST OF MATERIAL FROM CUT AREAS, BORROW PITS, OR OTHER APPROVED SOURCES

GENERAL NOTES

- TIMBER, LOGS, BRUSH, RUBBISH, AND VEGETATIVE MATTER THAT WILL INTERFERE WITH THE GRADING OPERATION OR AFFECT THE PLANNED STABLITY OF FILL AREAS SHALL BE REMOVED AND DISCOSED OF ACCORDING TO THE PLAN. AVOID UNINCESSARY REMOVAL OF TREES AND VEGETATION THAT COULD BE LEFT TO ENHANCE THE ATTRACTIVENESS OF THE OPERCEMENT.
- 2. TOP SOIL IS TO BE STRIPPED AND STOCKPILED IN AMOUNTS NECESSARY TO COMPLETE FINISH GRADING OF ALL EXPOSED AREAS REQUIRING TOPSOIL FOR THE ESTABLISHMENT OF VEGETATION.
- FILL MATERIAL IS TO BE FREE OF BRUSH, RUBBISH, ROCKS, LOGS, AND STUMPS IN AMOUNTS THAT WILL BE DETRIMENTAL TO CONSTRUCTING STABLE FILLS.
- 4. CUT SLOPES WHICH ARE TO BE TOPSOILED WILL BE SCARIFIED TO A MINIMUM DEPTH OF 3 INCHES PRIOR TO PLACEMENT OF
- ALL FILLS INTENDED TO SUPPORT BUILDINGS, STRUCTURES, SEWERS AND CONDUITS SHOULD BE TESTED FOR STRENGTH AND THE FOUNDATIONS DESIGNED ACCORDINGLY, COMPACTION OF OTHER FILLS WILL BE AS REQUIRED TO REDUCE SLIPPING, EROSION, OR EXCESS SATURATION.
- 6. MAXIMUM THICKNESS OF LAYERS OF FILLS ARE NOT TO EXCEED 8 INCHES.
- ALL AREAS ARE TO BE ROUGH GRADED TO WITHIN 0.2 FOOT OF THE PLANNED ELEVATION AFTER ALLOWANCE HAS BEEN MADE FOR THICKNESS OF TOPSOIL, PAVING, OR OTHER INSTALLATIONS.
- B. ALL DISTURBED AREAS SHALL BE LEFT IN A WELL DRAINED, NEAT, AND FINISHED APPEARANCE

STANDARDS FOR HAY BALE DIKE

DEFINITION

ONSTRUCTED WITH HAY BALES WITH A LIFE EXPECTANCY OF 3 MONTHS OR LESS, INSTALLED ACROSS OR AT

PURPOSE

A PURPOSE OF A HAY BALE DIKE IS TO INTERCEPT AND DETAIN SMALL AMOUNTS OF SIDEMENT FROM UNPROTECTED AREAS OF LIMITED EXTENT.

CONDITIONS WHERE PRACTICE APPLIES

- NO OTHER PRACTICE IS FEASIBLE, AND

 THERE IS NO CONCENTRATION OF WATER IN A CHANNEL OR OTHER DRAINAGE WAY ABOVE THE BARRIER AND

 EROSION WOLD OCCUR. IN THE FORM OF SHEET AND RILL EROSION, AND

 CONTRIBUTING DRAINAGE AREA IS LESS THAN DRE-HAIF ACRE AND THE LENGTH OF SLOPE ABOVE THE DIKE AND LESS THAN 100
 FEET. THE PRACTICE MAY ALSO BE USED FOR ALORS, SINGLE FAMILY LOT IF THE SLOPE IS LESS THAN IS PERCENT. THE

 CONTRIBUTING DRAINAGE AREA IN THIS INSTANCE SHALL BE LESS THAN I ACRE AND THE LENGTH OF SLOPE ABOVE THE DIKE

DESIGN CRITERIA

A DESIGN IS NOT RECURRED. ALL BALES SHALL BE PLACED ON THE CONTOUR AND SHALL BE EITHER WIRE BOUND OR NYLON STRING TIED. SEE STANDARD DRAWING FOR HAY BALE DIKE FOR DETAILS.

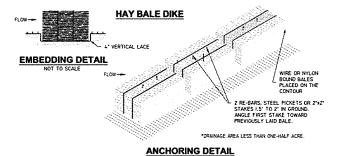
- BALES SHALL BE PLACED IN A ROW WITH END TIGHTLY ABUITING THE ADJACENT BALES.

 EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF FOUR INJURES, WHERE POSSIBE.

 BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAMES ON REBARS DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH
 BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAD BALE TO FORCE BALE TOGETHER.

 INSPECTION SHALL BE FRECIENT AND REPRIAT OR REPLACEMENT SHALL BE MADE PROMPTLY AS NECEDED BY CONTRACTOR.

 BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR REMANDARD.
- 6. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES.



STANDARDS FOR SEDIMENT TRAP

A SMALL TEMPORARY PONDING AREA FORMED BY CONSTRUCTING AN EARTHEN EMBANKMENT TO INTERCEPT SEDIMENT-LADEN RUNOFF AND TO TRAP AND RETAIN SEDIMENT.

TO DETAIN SEDIMENT-LADEN RUNOFF FROM SMALL DISTURBED AREAS LONG ENOUGH TO ALLOW THE MAJORIRY OF THE SEDIMENT TO SETTLE OUT.

CONDITIONS WHERE PRACTICE APPLIES

DESIGN CRITERIA

IF ANY OF THE DESIGN CRITERIA PRESENTED HERE CAN NOT BE MET SEE STANDARDS FOR SEDIMENT BASIN.

- LAYOUT SHALL BE LOCATED TO MAXIMIZE STORAGE BENEFIT FROM TERRAIN, FOR EASE OF CONSTRUCTION.
- SIZE THE VOLUME OF THE TRAP MEASURED BELOW THE CREST OF THE OUTLET SHALL BE AT LEAST 1000 CUBIC FEET PER ACRE OF DRAINAGE AREA.
- CLEANOUT SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL CAPACITY WHEN THE SEDIMENT HAS ACCUMILATED TO ONE HALF OF THE DESIGN VOLUME OR I FOOT, WINCHEVER IS LEAVE.
- EMBARKMENT THE EMBARKMENT SHALL HAVE A 3 FOOT TOP WIDTH, SIDE SLOPES OF 21 OR FLATTER, AND SHALL NOT EXCEED 3 FEET IN HEIGHT AS PERSURED AT THE LOW POINT OF THE ORIGINAL GROUD LIKE. FILL HATERIAL SHALL BE FICE OF WOOD VEGETATION, LARGE STOKES, AND OTHER OBJECTIONABLE HATERIAL. THE EMBARKENT SHALL BE COMPACTED IN EIGHT-INCH LATERS BY TRAVERSING WITH CONSTRUCTION EQUIPMENT.

EXCAVATION - ANY EXCAVATED PORTION OF SEDIMENT TRAP SHALL HAVE 2:1 OR FLATTER SLOPES.
CARE SHALL BE TAKEN TO MINIMIZE EROSION AND WATER POLLUTION DIRRING EXCAVATION OPERATIONS.

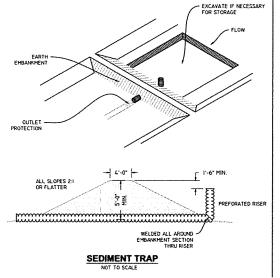
OUTLET

- AREA UNDER EMBANIMENT SHALL BE CLEARED. GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED. RISER PLAMETER SHALL BE ONE SIZE LARGER THEN THE PIPE. THE RISER SHALL BE WARPED WITH THREE LAYERS OF US. PILLS THICK NON-WOVEN U.V. RESISTANT FILTER CLOTH. THE FORTION OF THE RISER ABOVE THE PIPE CONNECTIONS SHALL BE PERFORATED WITH ONE IZE-MICH DIAMETER MICH. EFF. U.S GALABE INCHES. OF SURFACE AREA. THE RISER CREST SHALL BE 1-I/Z FEET BELOW THE TOP OF THE EMBANIMENT.
- UNLESS OTHERWISE SPECIFIED, PIPE SIZES SHALL BE SELECTED FROM THE FOLLOWING TABLE

| PIPE DIAMETER D. (INCHES) | MAXIMUM DRAINAGE AREA (ACRES) |
|------------------------------|-------------------------------------|
| 12 | 0.75 |
| 15 | 1.25 |
| 18 | |
| 21 | 2.0 |
| 24 | 3.0 |
| | 5.0 |

GENERAL NOTES

- AREA UNDER EMBANKMENT SHALL BE CLEARED. GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
- THE FILL MATERIAL FOR EMBARKMENT SHALL BE FREE OF ROOTS OF OTHER WOODY YEGETATION AS WELL AS STONES, ROCKS, ORGANIC MATERIAL, OR OTHER OBJECTIONABLE MATERIAL. THE EMBARKMENT SHALL BE COMPACTED BY TRAVERSING WITH EOUPPHENT WHILE IT IS BEING CONSTRUCTED.
- SECIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SECIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP OR I FOOT, WHICHCEVER IS LESS. REMOVED SECIMENT SHALL BE DEPOSITED IN AN APPROVED AREA AND IN SUCH A MANNER THAT IT WILL NOT ERCOE.
- 4. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED BY THE CONTRACTOR.
- CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION IS MINIMIZED.
- THE STRUCTURE SHALL BE REMOVED AND AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEF PROPERLY STABILIZED.
- 7. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER.
- 8. ALL PIPE CONNECTIONS SHALL BE WATERTIGHT



STANDARDS FOR SILT FENCE

TEMPORARY BARRIER FENCE MADE OF BURLAP OR POLYPROPYLENE MATERIAL WHICH IS WATER PERMEABLE BUT WILL TRAP WATER - BORNE SEDIMENT.

TO INTERCEPT AND DETAIN WATER-BORNE SEDIMENT FROM UNPROTECTED AREA OF LIMITED EXTENT.

CONDITIONS WHERE PRACTICE APPLIES

SILT FENCE IS USED DURING THE PERIOD OF CONSTRUCTION NEAR THE PERIHETER OF A DISTURBED AREA TO INTERCEPT SEDIMENT WHILE ALLOWING WATER TO PERCOLATE THROUGH, THIS FENCE SHALL REMAIN IN PLACE LITTLE THE DISTURBED AREA IS PERMANENTLY STABILIZED. SILT FENCE SHOULD NOT BE USED WHERE THERE IS A CONCENTRATION OF WATER IN A CHARNEL OR OTHER DRAIMING WAY.

DESIGN CRITERIA

SILT FENCE SHALL NOT BE CONSTRUCTED OUTSIDE THE PROPERTY LINES WITHOUT OBTAINING EASEMENTS FROM THE AFFECTED PROPERTY OWNERS. A DESIGN IS NOT REQUIRED FOR THE INSTALLATION OF SILT FENCE, HOWEVER THE FOLLOWING CRITERIA SHALL BE OBSERVED.

DRAINAGE AREA - LESS THAN 2 ACRES.

HEIGHT - 36 INCH MINIMUM HEIGHT MEASURED FROM THE EXISTING OR GRADED GROUND.

MATERIAL - BURLAP WEIGHING APPROXIMATELY 7-1/2 OUNCES PER SQUARE YARD OR APPROVED JUTE FABRIC OR GEOTEXTILE FABRIC.

SUPPORT - STEEL OR WOOD FENCE POSTS SPACED A MAXINUM OF 8 FEST APART.
POST SHALL HAVE A MININUM LENGTH OF 5 FEST AND BE SET AT LEAST IS
INCH BEEP, MOVEN LIVESTOCK NIES TO SUPPORT THE MATERIAL, SHALL BE
AT LEAST 30 MICH MIGH WITH A MAXIMUM RESH OPENING OF 6 INCHES
AND FARRICATED FROM 16 GAGE WINE OR LANGER.

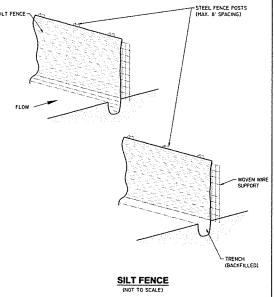
SILT FENCE SHALL BE PLACED AND CONSTRUCTED IN SUCH A MANER THAT RUNOFF FROM A DISTURBED OR EXPOSED UPLAND AREA SHALL BE INTERCEPTED. SEDIMENT TRAPPED AND THE SURFACE RUNOFF ALLOWED TO PERCOLATE THROUGH THE STRUCTURE.

SILT FENCE SHALL BE PLACED IN SUCH A MANER THAT SURFACE RUNOFF WHICH PERCOLATES THROUGH WILL FLOW ONTO AN UNDISTURBED STABILIZED AREA OR STABILIZED OUTLET. IF PLACED IN SERIES, THE FRITHEREST DOWNSTREAM FENCE WILL FLOW ONTO AN UNDISTURBED STABILIZED AREA OR STABILIZED OUTLET.

GENERAL NOTES

- STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE.
- 2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERFERENCIALAR TO THE LINE OF FLOW.
- THE TRENCH SHOULD BE A MINIMUM OF 6 INCHES DEEP AND 3 4 INCHES WIDE TO ALLOW FOR THE SILT FENCE TO BE LAID IN THE GROUND AND BACKFILLED.
- 4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POSTS.
- INSPECTION SHALL BE FREGENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- S. SILT FENCE SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFULNESS, SO AS MOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE. *
- SEDIMENT TRAPPED BY THIS PRACTICE SHALL BE DISPOSED OF IN AN APPROVED SITE IN A MARNER THAT WILL NOT CONTRIBUTE TP ADDITIONAL SILTATION.
- ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES AND DISPOSED OF IN AN APPROVED SPOIL SITE OR AS IN NO.7 ABOVE.

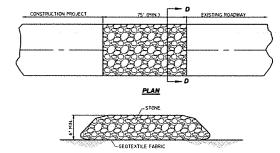
* TO BE REMOVED BY CONTRACTOR WHEN PERMANENT EROSION MEASURES ARE DEEMED TO BE EFFECTIVE.



TEMPORARY STONE CONSTRUCTION ENTRANCE

PAY AS 'S - ITEM', TEMPORARY STONE CONSTRUCTION ENTRANCE. NOTES TEMPORARY STONE CONSTRUCTION ENTRANCE AND/OR WASH RACK A STONE STABILIZED PAD LOCATED AT POINTS OF VEHICLAR INGRESS AND EGRESS ON THE CONSTRUCTION SITE TO REDUCE THE AMOUNT OF HILD TRANSPORTED ONTO PAUL ROADS. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVE PAD IS NOT SUFFICIENT TO REMOVE THE PADORITY OF THE PILD. THEN THE TIRES PLAST BE WASHED BEFORE THE VEHICLE ENTERS A PUBLIC ROAD. A FEW BASIC DESIGN GUDGLINGS FOR THE USE OF A STONE CONSTRUCTION ENTRANCE AND/OR WASH RACKS

- 1. THE STONE LAYER MUST BE AT LEAST 6 INCHES THICK.
- 2. THE STONE SHALL CONFORM TO SECTION 71(02)(CLASS 2LB) OF THE LA DOTD STANDARD SPECIFICATIONS.
- 3. THE LENGTH OF THE PAD MUST BE AT LEAST 75 FEET AND IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS.
- A GEOTEXTILE FASRIC UNDERLINER IS REQUIRED. THE GEOTEXTILE FABRIC SHALL BE IN ACCORDANCE WITH SECTION 1019 (TYPE D) OF THE LA DOTD STANDARD SPECIFICATIONS.
- IF A WASH RACK IS NECESSARY, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE.



SECTION D-D

STANDARDS FOR DIKES

A DIKE IS A TEMPORARY RIDGE OF COMPACTED SOIL. A DIVERSION DIKE IS PLACED IMMEDIATELY ABOVE CUT OR FILL SLOPES. AN INTERCEPTOR DIKE IS LOCATED ACROSS RIGHT-OF-WAY OR DIVENDED AREA. A PERIMETER DIKE IS PLACED ALONG THE PERIMETER OF THE DISTURBED AREA OR SITE.

PURPOSE

A DIVERSION DIKE INTERCEPTS STORM RIANGEF FROM SMALL UPLAND AREAS AND DIRECTS IT FROM THE EXPOSED SLOPES TO AN ACCEPTABLE OUTLET. AN INTERCEPTOR DIRE SHORTENS THE LENGTH OF EXPOSED SLOVES BY INTERCEPTING STORM RIANGEF AND DIVERTING IT TO AN ACCEPTABLE OUTLET. A PERMETER DIKE PREVENTS OFFICE STORM RIANGEF FROM ENTERING THE DISTURBED AREA OR PREVENTS SEDMENT-LADEN WATER FROM LEAVING THE DISTURBED AREA.

CONDITIONS WHERE PRACTICE APPLIES

DIKES ARE CONSTRUCTED ADJACENT TO OR ACROSS DISTURBED AREAS TO PREVENT EXCESSIVE EROSION OR TO TRANSPORT SECHMENT-LADEN WATER TO A SEDIMENT TRAPPING DEVICE. THE DIKES SHALL REMAIN IN PLACE UNTILL THE DISTURBED AREAS ARE PERMAMENTLY STABILIZED.

DESIGN CRITERIA

DIRES SHALL NOT BE CONSTRUCTED OR DISCHARGED OUTSIDE THE PROPERTY LINES WITHOUT COTAINING EASEMENTS FROM THE AFFECTED PROPERTY OWNERS. A DETAILED DESIGN IS NOT REQUIRED FOR DIRES; HOWEVER, THE FOLLOWING CRITERIA SHALL BE USED IN SELECTING SITES FOR PLACEMENT:

DRAINAGE AREA - LESS THAN 5 ACRES (FOR LARGE AREAS, SEE STANDARDS FOR DIVERSION).

HEIGHT - COMPACTED FILL SHALL BE 18 INCHES MINIMUM HEIGHT NEASURED FROM GROUND AT UPSLOPE TOE TO TOP OF THE DIKE.

SIDE SLOPES - 2:1 OR FLATTER (FLAT ENOUGH TO ALLOW CONSTRUCTION TRAFFIC TO CROSS IF DESIRED). GRADE - DEPENDENT LIPON TOPOGRAPHY, BUT MUST HAVE POSITIV DRAINAGE, INTERCEPTOR DIKE SHOULD BE BETWEEN 0.4 PERCENT AND 1.0 PERCENT.

STABILIZATION - WHERE SLOPE OF CHANNEL (FLOW AREA) IS: 1% - 5% STABILIZATION MAY BE REQUIRED DEPENDING ON THE SITE
CONDITIONS, OVER 5% - SEE STANDARDS FOR DIVERSION. SPACING - INTERCEPTOR DIKES SHALL BE PLACED SUCH THAT THE MAXIMUM VERTICAL DISTANCE BETWEEN DIKES IS 10 FEET.

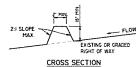
I. RUNDEF FROM A PROTECTED OR STABILIZED AREA SHALL OUTLET DIRECTLY ONTO AND UNDISTURBED STABILIZED AREA OR INTO A LEVEL SPREADER (SEE STANDARDS FOR LEVEL SPREADER) OR GRADE STABILIZATION STRUCTURE (SEE STANDARDS FOR GRADE STABILIZATION STRUCTURE).

2. STRUCTURE THAT WILL CONTROL THE RUNOFF FROM DIKES SHALL BE INSTALLED AND STABILIZED BEFORE DIKES ARE INSTALLED.

GENERAL NOTES:

2. FIELD LOCATION MAY BE ADJUSTED AS NEEDED TO LITILIZE A STABILIZED SAFE OUTLET.

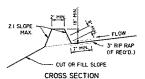
5. PERIODIC INSPECTION AND REQUIRED MAINTENANCE SHALL BE PROVIDED BY THE CONTRACTOR.





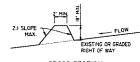
PLAN VIEW

PERIMETER DIKE

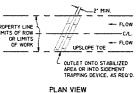


CHT OR FILL SLOPE

PLAN VIEW **DIVERSION DIKE** (NOT TO SCALE)



CROSS SECTION



INTERCEPTOR DIKE

REVISIONS BY

UBDIVISION AVENUE FAIRFIELD / EEMONT 106 2



Surveying, Planning & Consulting 4913 Shed Road

Engineering,

Phone 318.752-9023 Fax 318.752-9025 www.raleyandassociates.com

Bossier City, LA 7111

DATE: 05/24/2019

SCALE: 1" = 20 NOV CHECKED: TRE 19047

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