





1010 Marshall Street Shreveport, La 71101 318,798,3344

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CE - TOWN CENTE! LDING NO. 2 3 LOT ADDITION

PROVENANCE - 'BUILDIN



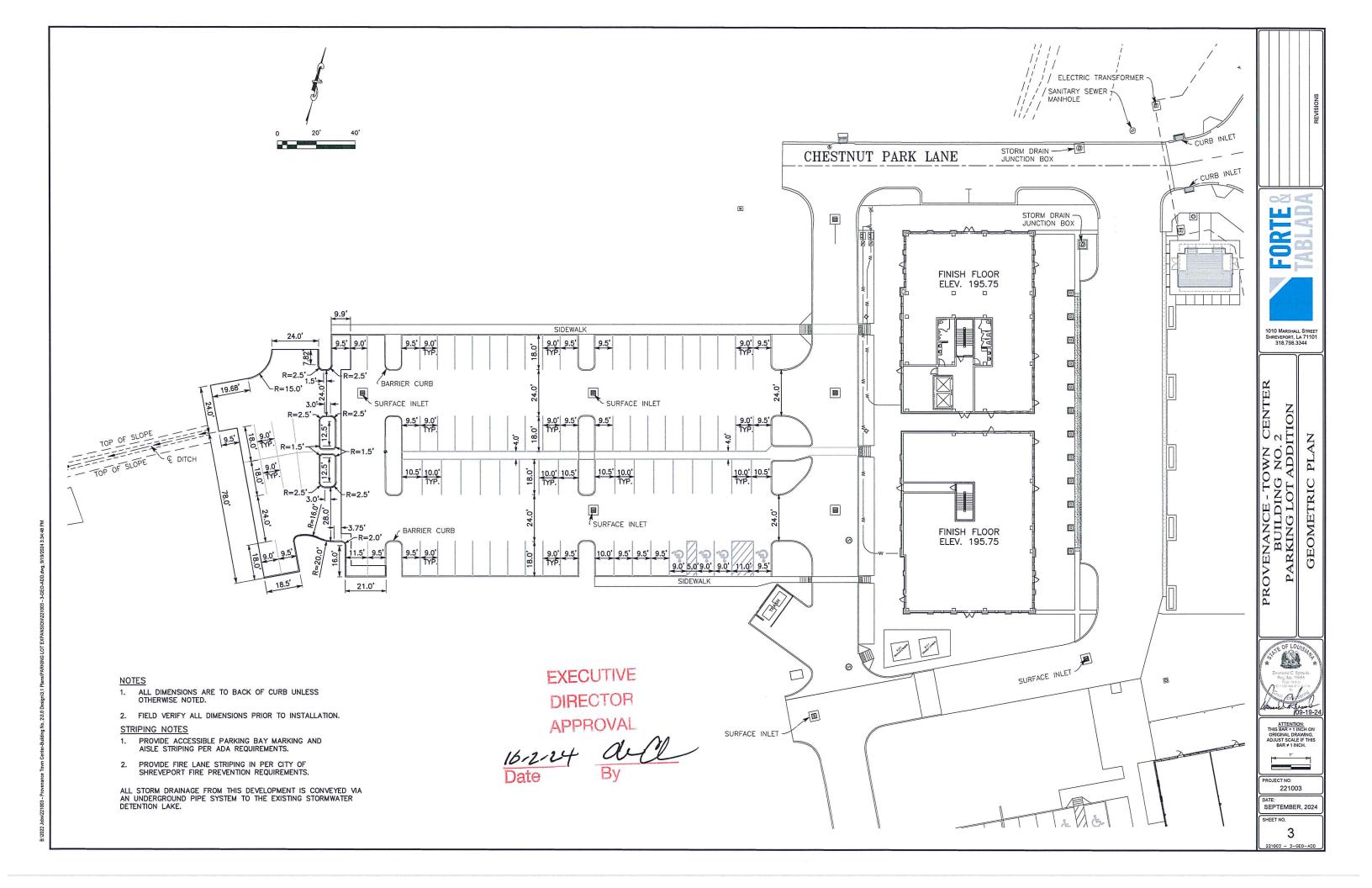
ATTENTION:
THIS BAR = 1 INCH OF
ORIGINAL DRAWING.
ADJUST SCALE IF THE
BAR ≠ 1 INCH.

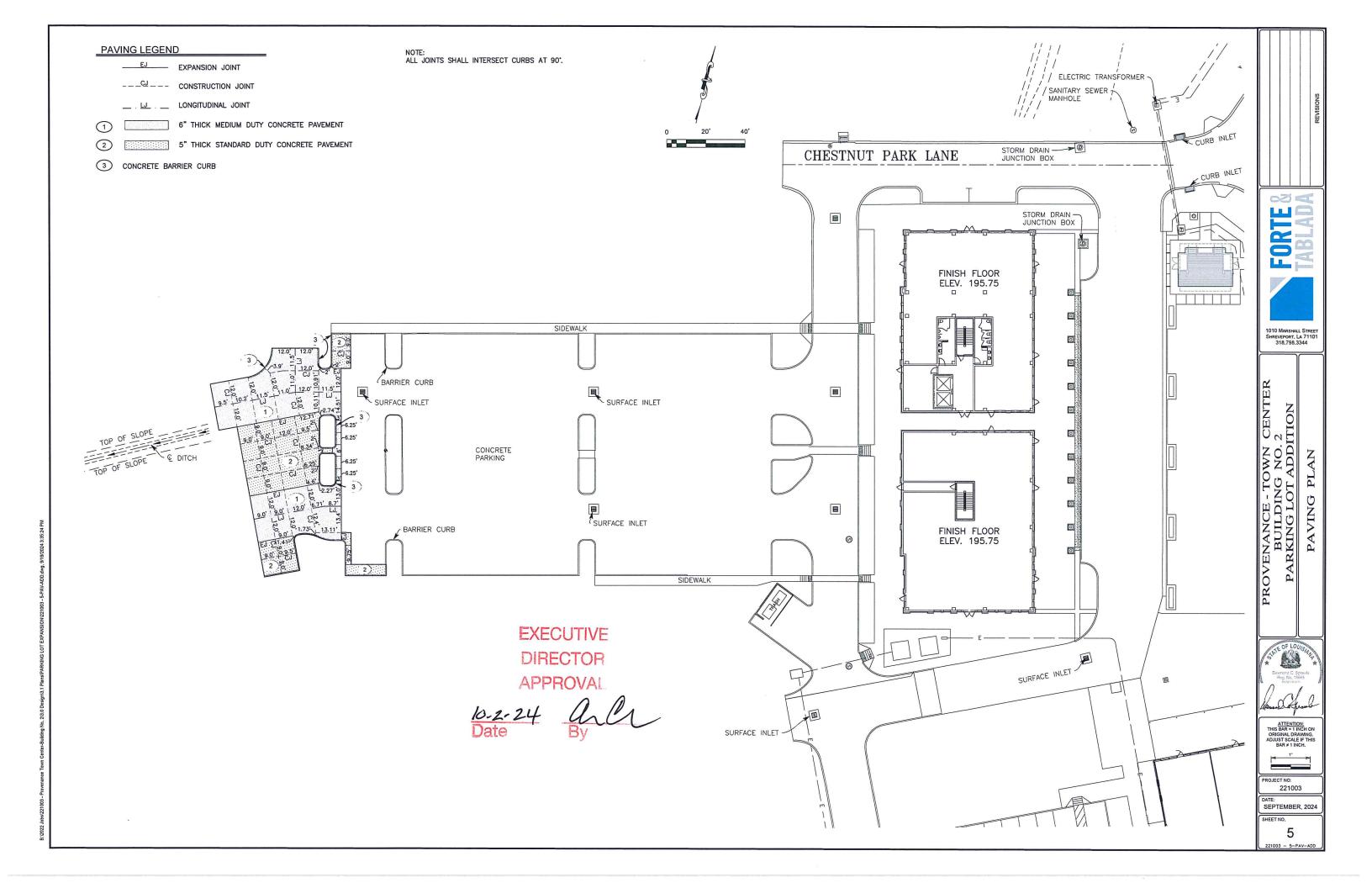
PROJECT NO:

221003 DATE:

DATE: SEPTEMBER, 2024 SHEET NO.

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1. CONCRETE WASHOUT AREA, AS DESIGNATED IN THE PLANS OR DESCRIBED HEREIN, SHALL BE CONSTRUCTED AND MAINTAINED TO ALLOW CONCRETE TRUCKS A PLACE TO WASHOUT PRIOR TO EXITING THE SITE.

2. WASHOUT AREA TO BE CONSTRUCTED WITH HAY BALE PERIMETER AS DETAILED ON THIS SHEET. MINIMUM SIZE OF WASHOUT TO BE 10' X 10' OPEN AREA.

3. UPON COMPLETION OF ALL CONCRETE INSTALLATIONS, WASHOUT CONCRETE SHALL BROKEN AND PROPERLY DISPOSED.

4. WASHOUT AREA TO HAVE A FLAT BOTTOM (0% SLOPE).



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

DESIGN CRITERIA

THE LAND CRADING PLAN AND INSTALLATION SHALL BE BASED UPON ADSOLUTE SURFEYS AND INVESTIGATIONS. THE PROPOSED LAND USE AND GRADING PLAN SHOULD IT AND UTILIZE EXISTING TOPOGRAPHY AND NATURAL SURROUNDINGS AND MAKE EXTERUE GRADE MODIFICATIONS UNNECESSARY. THE PLAN IS TO SHOW THE LOCATION, SLOPE, CUT, FILL AND FINISH ELEVATION OF THE SURFACES TO BE GRADED AND THE AUXILIARY PRACTICES FOR SAFE DISPOSAL OF RUNDRY WATER SLOPE STABILIZATION, EROSION CONTROL, AND DRAINAGE SUCH AS WATERWAYS, LUNDC CHANNELS, DOMERSIONS, GRADE STABILIZATION STRUCTURES, RETAINING WALLS, AND SURFACE AND SUBSURFACE DRAINS.

THE GRADING PLAN SHALL BE IN ACCORDANCE WITH THE FOLLOWING DESIGN CRITERIA:

STANDARD FOR LAND GRADING

UNVEGETATED CUT SLOPES SHALL BE PROTECTED BY MECHANICAL TREATMENT TO PROTECT THEM FROM EROSION.

- THE PERMANENT EXPOSED FACES OF FILLS SHALL BE NO STEEPER THAN 3 HORIZONTAL TO 1 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 CUT FACES AND FILL SLOPES.
- SUBSURFACE DRAINAGE IS TO BE PROVIDED IN AREAS HAVING HIGH WATER TABLE OR SEEPAGE CONDITIONS THAT WOULD AFFECT SLOPE STABILITY, BUILDING FOUNDATIONS, OR CREATE UNDESI-RABLE WETNESS.
- 5. EXCAVATIONS SHALL NOT BE MADE 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 PREWISES OF ANOTHER OR SO PLACED ADJACENT TO THE BANK OF A CHANNEL AS TO CREATE BANK FAILURE OR REDUCE THE NATURAL CAPACITY OF THE STREAM.

GENERAL NOTES

STANDARDS FOR EARTHEN DIKES

- TIMBER, LOGS BRUSH, RUBBISH, AND VEGETATIVE MATTER THAT WILL INTERFERE WITH THE GRADING OPERATION OR AFFECT THE PLANNED STABILITY OF FILL AREAS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO THE PLAN. AVOID UNDECESSARY REMOVAL OF TREES AND VEGETATION THAT COULD BE LEFT TO ENHANCE THE ATTRACTIVENESS OF THE DEVELOPMENT.
- 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. 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 SUPPING, EROSION, OR EXCESS SATURATION.
- MAXIMUM THICKNESS OF LAYERS OF FILLS ARE NOT TO EXCEED 8 INCHES, OR AS DIRECTED BY A QUALIFIED GEOTECHNICAL ENGINEER.

FXISTING GROUND

-2:1 SLOPE OR FLATTER

______FLOW 8" MIN. 3" RIP RAP (IF REQUIRED)

-2:1 SLOPE OR FLATTER

POSITIVE DRAINAGE (SUFFICIENT GRADE TO DRAIN)

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.

CROSS SECTION

PLAN VIEW

PERIMETER DIKE

(NOT TO SCALE)

UPSLOPE TOE

CUT OR -

POSITIVE DRAINAGE (SUFFICIENT GRADE TO DRAIN)

STANDARD 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 PERIMETER OF A DISTURBED AREA TO INTERCEPT SEDIMENT WHILE ALLOWING WATER TO PER-COLATE THROUGH. THIS FENCE SHALL REMAIN IN PLACE UNIT. THE DISTURBED AREA IS PERMANENTLY STABILIZED. SILT FENCE SHOULD NOT BE USED WHERE THERE IS A CONCENTRATION OF WATER IN A CHANNEL OR OTHER DRAINGE WAY.

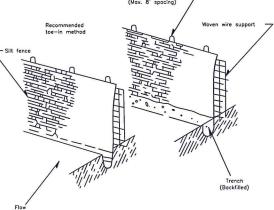
DRAINAGE AREA - LESS THAN 2 ACRES

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

OUTLET

GENERAL NOTES

- STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE.



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ENANCE - TOWN CENT BUILDING NO. 2 RKING LOT ADDITION

DETAILS

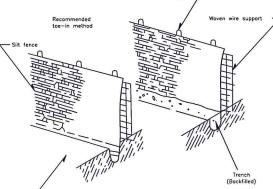
SILT FENCE SHALL NOT BE CONSTRUCTED OUTSIDE THE PROPERTY LINES WITHOUT OBTAINING EASEWENTS FROM THE AFFECTED PROPERTY OWNERS. A DESIGN IS NOT REQUIRED FOR THE INSTALLATION OF SILT FENCE, HOWEVER THE FOLLOWING CRITERIA SHALL BE: OBSERVED:

STEEL OR WOOD FENCE POSTS SPACED A MAXIMUM OF 8 FEET APART. POST SHALL HAVE A MINIMUM LENGTH OF 5 FEET AND BE SET AT LEAST 10 PPORT THE MATERIAL SHALL BE AT LEAST 35 NOTH HIGH WITH A MAXIMUM MESH OPENING OF 6 INCHES AND PARTICIALS THE MATERIAL PORTON 14 GAGE WHIED OF CHARGE AND PARTICIALS THE MATERIAL PROMISE OF STATE AND PARTICIALS FROM 14 GAGE WHIED OR LARGE WITH A MAXIMUM MESH OPENING OF 6 INCHES AND PARTICIALS FROM 14 GAGE WHIED OR LARGE WITH A MAXIMUM MESH OPENING OF 6 INCHES AND PARTICIALS FROM 14 GAGE WHIED OR LARGE WITH OF THE PARTICIALS FROM 14 GAGE WHIED OR LARGE WITH OF THE PARTICIALS FROM 14 GAGE WHIED OR LARGE WITH OF THE PARTICIALS FROM 14 GAGE WHIED OR LARGE WITH OF THE PARTICIALS FROM 14 GAGE WHIED OR LARGE WITH OF THE PARTICIALS FROM 14 GAGE WHIED OR LARGE WITH OF THE PARTICIALS FROM 14 GAGE WHIED OR LARGE WITH OF THE PARTICIALS FROM 14 GAGE WHIED OR LARGE WITH OF THE PARTICIALS FROM 14 GAGE WHIED OR LARGE WITH OF THE PARTICIALS FROM 14 GAGE WHIED OR LARGE WITH OF THE PARTICIALS FROM 14 GAGE WHIED OR LARGE WITH OR LARGE

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

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

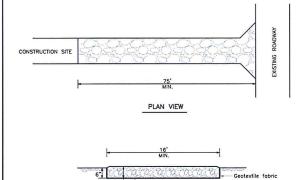
- THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW.
- SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POSTS.
- INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- SILT FENCE SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFULNESS, SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
- SEDIMENT TRAPPED BY THIS PRACTICE SHALL BE DISPOSED OF IN AN APPROVED SITE IN A MANNER THAT WILL NOT CONTRIBUTE TO 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.
- $^{\bullet}$ to be removed by contractor when permanent erosion measures are deemed to be effective.



STANDARDS FOR STABILIZED CONSTRUCTION ENTRANCE/EXIT

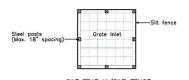
1. A STONE STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE CONSTRUCTED AT THE LOCATIONS DESIGNATED ON THE PLANS OR DESCRIBED HEREIN.

- 2. A GEOTEXTILE FABRIC UNDERLINER SHALL BE INSTALLED.
- 3. MINIMUM DIMENSIONS OF THE STONE DRIVE SHALL BE: A. LENGTH = 75' B. WIDTH = 16' C. THICKNESS = 8"
- 4. 4"-7" STONE TO BE USED ON DRIVE.
- 5. CONTRACTOR TO VERIFY WITH PERMITTING AUTHORITY ANY PROJECT-SPECIFIC ENTRANCE SPECIFICATIONS.

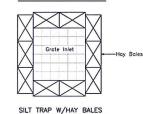


STANDARDS FOR INLET SILT TRAP

1. INLET SILT TRAP IS TO BE USED WHEN THE STORM DRAINAGE IS FUNCTIONAL, BUT BEFORE THE DRAINAGE AREA IS STABILIZED. 2. INLET SILT TRAP CAN BE FORMED FROM EITHER SILT FENCING OR HAY BALES USING THE RESPECTIVE DETAILS ON THIS SHEET.



SILT TRAP W/SILT FENCE



STANDARDS FOR HAY BALE DIKES

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

CONDITIONS WHERE PRACTICE APPLIES

1. NO OTHER PRACTICE IS FEASIBLE, AND
2. THERE IS NO CONCENTRATION OF WATER IN A CHANNEL OR OTHER DRAINAGE WAY ABOVE THE BARRIER AND
3. EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION, AND
4. CONTRIBUTING DRAINAGE AREA IS LESS THAN ONE-HALF ACRE AND THE LENGTH OF SLOPE ABOVE THE DIKE AND LESS THAN 100 FEET. THE PRACTICE MAY ALSO BE USED FOR ALONE, SINGLE FAMILY LOT IF THE SLOPE IS LESS THAN 1 FERCENT. THE CONTRIBUTING DRAINAGE AREA IN THIS INSTANCE SHALL BE LESS THAN 1 ACRE AND THE LENGTH OF SLOPE ABOVE THE DIKE SHALL BE LESS THAN 1 ACRE AND THE LENGTH OF SLOPE ABOVE THE DIKE SHALL BE LESS THAN 1 ACRE AND THE LENGTH OF SLOPE ABOVE THE DIKE SHALL BE LESS THAN 1 ACRE AND THE LENGTH OF SLOPE ABOVE THE DIKE SHALL BE LESS THAN 200 FEET.

DESIGN CRITERIA

A DESIGN IS NOT REQUIRED. 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.

GENERAL NOTES

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

 EACH BALE SHALL BE EMBEDDED IN THE SOIL. A MINIMUM OF FOUR INCHES, WHERE POSSIBLE.

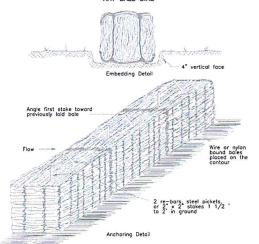
 BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR REBARS DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALL TOGETHER.

 INSPECTION SHALL BE REPOUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED BY CONTRACTOR.

 SHALL BE RANGE TO WORK OF WHEN THEY HAVE SERVED THER USEDRANGE.

 PRANMAGE.

 A COUNTY TO SHALL BE REMOVED WHEN THE REACHES A
- ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES.



DEFINITION

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-MAY OR DISTURBED AREAS. A PERIMETER DIKE IS PLACED ALONG THE PERIMETER OF THE DISTURBED AREA

A DIVERSION DIKE INTERCEPTS STORM RUNOFF FROM SMALL UPLAND AREAS AND DIRECTS IT FROM THE EXPOSED SLOPES TO AN ACCEPTABLE OUTLET. AN INTERCEPTOR DIKE SHORTENS THE LENGTH OF EXPOSED SLOPES BY INTERCEPTING STORM RUNOFF AND DIVERTING IT TO AN ACCEPTABLE OUTLET. A PERIMETER DIKE PREVENTS OFFSITE STORM RUNOFF FROM ENTERING THE DISTURBED AREA OF PREVENTS SEDIMENT—LADEN WATER FROM LEAMING THE DISTURBED AREA OF PREVENTS SEDIMENT—LADEN WATER FROM LEAMING THE DISTURBED AREA OF PREVENTS SEDIMENT—LADEN WATER FROM

CONDITIONS WHERE PRACTICE APPLIES

DIKES ARE CONSTRUCTED ADJACENT TO OR ACROSS DISTURBED AREAS TO PREVENT EXCESSIVE EROSION OR TO TRANSPORT SEDIMENT-LADEN WATER TO A SEDIMENT TRAPPING DEVICE. THE DIKES SHALL REMAN IN PLACE UNTIL THE DISTURBED AREAS ARE PERMANENTLY STABILIZED.

HEIGHT -

GRADE -

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

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

COMPACTED FILL SHALL BE 18 INCHES MINIMUM HEIGHT MEASURED FROM GROUND AT UPSLOPE TOE TO TOP OF THE DIKE. 2:1 OR FLATTER (FLAT ENOUGH TO ALLOW CONSTRUCTION TRAFFIC TO CRUSS F DESIRED). SIDE SLOPES -

STABILIZATION -

DEPENDENT UPON TOPOGRAPHY, BUT MUST HAVE POSITIVE DRAINAGE. INTERCEPTOR DIKE SKOULD BE BETWEEN 0.4 PERCENT NAD _1.0 PERCENT.

WHERE SLOPE OF CHAINFEL (FLOW AREA) IS:

- 1%-5% - STABILIZATION MAY BE REQUIRED DEPENDING ON THE SITE CONDITIONS.

- OVER 5% - SEE STANDARDS FOR DIMERSION. INTERCEPTOR DIKES SHALL BE PLACED SUCH THAT THE MAXIMUM VERTICAL DISTANCE BETWEEN DIKES IS 10 FEET.

10-2-24 OUTLET

RUNOFF FROM A PROTECTED ON STABLESS AREA SHALL DUTLET DIRECTLY ONTO AN UNDISTURED STABLEZED AREA OR INTO A LEVEL SPREADER (SEE STANDARDS FOR LEVEL SPREADER) OF GRADE STABLIZATION STRUCTURE (SEE STANDARDS FOR GRADE STABLIZA-TION STRUCTURE). RUNOFF FROM A DISTURBED OR EXPOSED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP (SEE STANDARDS FOR SEDIMENT TRAP) OR A SEDIMENT BASIN (SEE STANDARDS FOR SEDIMENT BASIN) OR TO AN AREA PROTECTED BY ANY OF THESE PRACTICES.

ALL DIKES SHALL BE MACHINE COMPACTED.

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

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

2'-MIN: 18" MIN. 2:1 SLOPE OR FLATTER EXISTING OR GRADED RIGHT-OF-WAY

PLAN VIEW

DIVERSION DIKE

(NOT TO SCALE)

----FLOW ----FLOW WAY UPSLOPE TOE OUTLET ONTO STABILIZED AREA OR INTO SEDMENT TRAPPING DEVICE, AS REQUIRED PROPERTY LINE LIMITS OF RIGHT-OF-WAY OR LIMITS OF WORK

> INTERCEPTOR DIKE (NOT TO SCALE

SILT FENCE

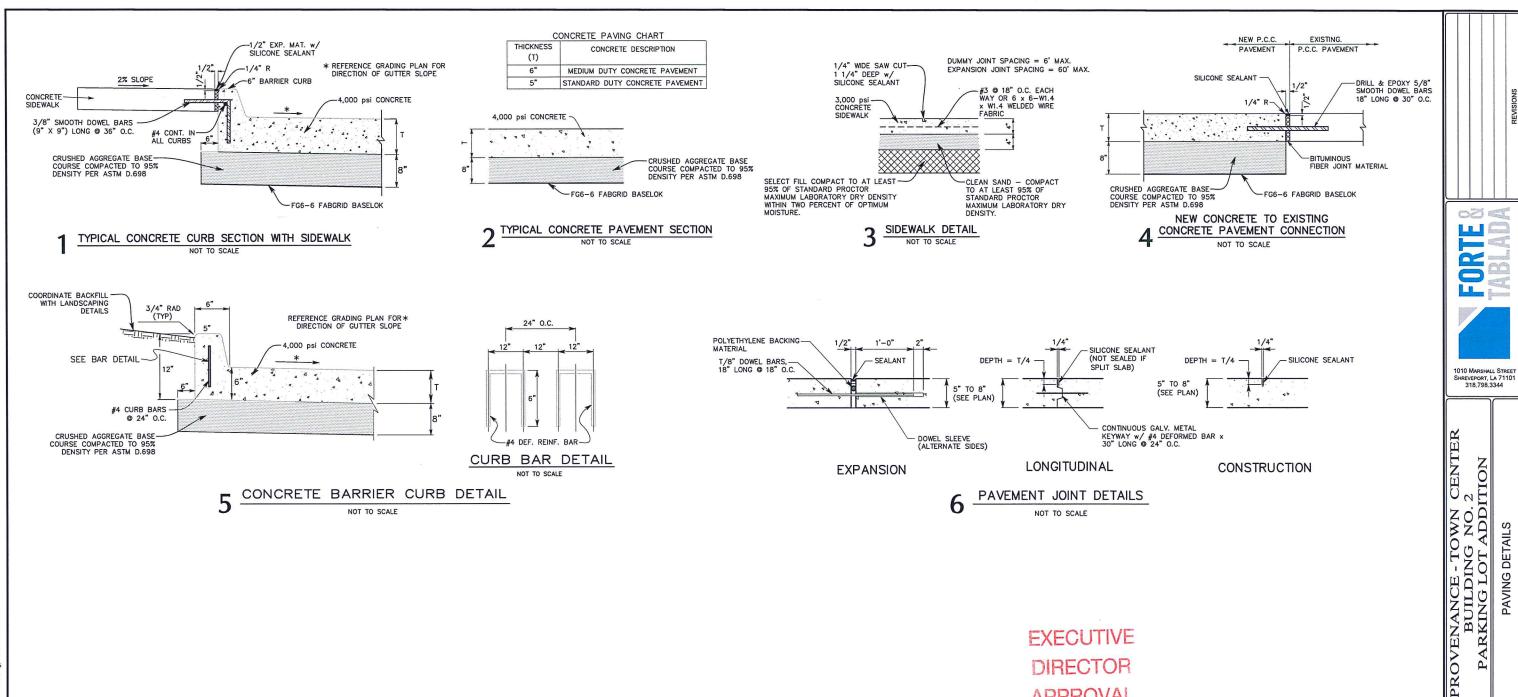


221003 SEPTEMBER, 2024

This document has been

the contractors responsibil to modify, update and/or

adapt this plan to meet fiel conditions. Forte and Tablac Inc. assumes no responsibili for operational control of the SWPPP.



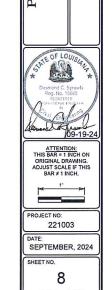


APPROVAL

10-2-24 an Cl

Date

By



PAVING DETAILS