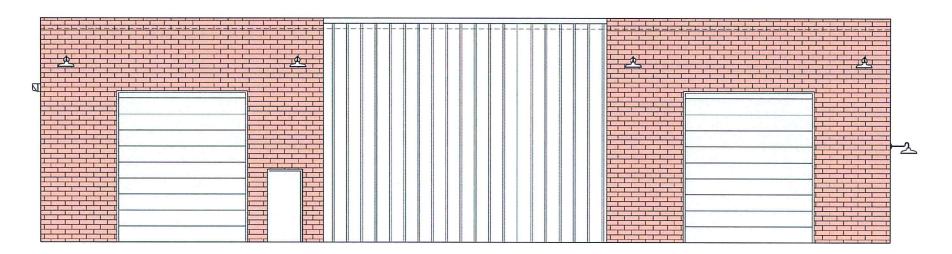
SUPERIOR GRILL WAREHOUSE

PROPOSED NEW BUILDING DREXEL STREET SHREVEPORT, LOUISIANA



EXECUTIVE

DIRECTOR

APPROVAL

CODE COMPLIANCE:

NFPA 101 - CURRENT EDITION INTERNATIONAL BUILDING CODE 2021 INTERNATIONAL MECHANICAL CODE 2021 INTERNATIONAL PLUMBING CODE 2021 INTERNATIONAL ENERGY CONSERVATION CODE 2021 INTERNATIONAL FUEL AND GAS CODE 2021 NATIONAL ELECTRICAL CODE AMERICANS WITH DISABILITIES ACT ADAAG LOCAL ORDINANCES AND AMENDMENTS **ASCE 7-16** OCCUPANCY - OFFICE/ WAREHOUSE **IBC CONSTRUCTION TYPE:**

SQUARE FOOTAGE:

TOTAL SQUARE FOOTAGE 3,200 S.F.

INDEX TO DRAWINGS:

| SHEET NO: | DESCRIPTION: | |
|-----------|--------------------------------------|---------------------------------------|
| 1 | TITLE SHEET | |
| C1 | DIMENSIONED SITE PLAN | |
| C2 | GRADING & EROSION CONTROL | PLAN |
| C3 | PAVING & PROPOSED JOINT PI | LAN |
| D1 | SITE DETAILS | |
| D2 | EROSION CONTROL DETAILS | S |
| A1 | FLOOR PLAN | |
| A2 | FINISH SCHEDULE | |
| A3 | EXTERIOR ELEVATIONS | |
| A4 | WALL SECTIONS | |
| S1 | FOUNDATION PLAN | |
| S2 | FOUNDATION DETAILS | REVIEWED FOR |
| E1 | ELECTRICAL PLAN | STATE FIRE MARSH |
| E2 | ELECTRICAL RISER PLAN | AS PER REVIEW LET BY: MIRIAM DOUGL |
| | , | |





Civil & Structural

Surveying, Planning

& Consulting

4913 Shed Road Bossier City, LA 71111

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

• FND. 1/2" I.P. BENT ND. ELBOW 1.P. **GENERAL NOTES:** CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. THE ENGINEER / SURVEYOR DOES NOT GUARANTEE THAT THE UNDERGROUND UTILITIES OR ALL UTILITY SERVITUDES AFFECTING THIS TRACT ARE SHOWN IN THEIR EXACT LOCATION. THEY HAVE BEEN LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION PROVIDED BY ONE CALL OR THE LOCAL UTILITY COMPANY. LOUISIANA ONE CALL BII OR UTILITY COMPANY. CALL OH OWNER, AS REPRESENTATIVE OF THE OWNER, SHALL NOT GUARANTEE THE WORK OF ANY CONTRACTOR OR SUBCONTRACTOR, SHALL HAVE NO AUTHORITY TO STOP WORK, SHALL HAVE NO SUPERVISION OR CONTROL AS TO THE WORK OR PERSONS DOING THE WORK, SHALL NOT BE RESPONSIBLE FOR SAFETY IN, ON, OR ABOUT THE JOB SITE OR HAVE ANY CONTROL OF THE SAFETY OR ADEQUACY OF ANY EQUIPMENT, BUILDING COMPONENT, SCAFFOLDING, SUPPORTS, FORMS, OR OTHER WORK ADS, AND SHALL HAVE NO DUTIES OR RESPONSIBILITIES IMPOSED BY THE STRUCTURAL WORK ACT. ZONING = C-UC 3. CONTRACTOR SHALL INSTALL SILT FENCES, HAY BALES AND NECESSARY STORM WATER CONTROL MEASURES DURING CONSTRUCTION AS REQUIRED BY THE CITY. CONTRACTOR(S) SHALL KEEP EXISTING PAVING CLEAN OF MUD AND OTHER CONSTRUCTION DEBRIS. ALL TRENCH EXCAVATION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH OSHA REGULATIONS AND APPLICABLE LOCAL CODES AND ORDINANCES. **PAVEMENT LEGEND** 6. CONTRACTOR SHALL FIELD VERIFY ALIGNMENT AND GRADE OF ALL PAVING, DRAINAGE PIPES AND PROPOSED MAINS. CONFLICTS, DISCREPANCIES OR IRREGULARITIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER. FAILURE TO DO SO MAY RESULT IN ADDITIONAL COSTS TO THE CONTRACTOR FOR REMOVAL, REPLACEMENT, OR REVISIONS TO ITEMS INSTALLED WITHOUT VERIFICATION BY OWNER. EXIST. CONCRETE CONC. SIDEWALK ZONING = C-UC 7. CONTRACTOR SHALL REDISTRIBUTE TOPSOIL IN 4" LAYER AS CONTRACTOR SHALL COORDINATE AND PROVIDE FOR ALL SAFEGUARDS, SAFETY DEVICES AND REQUIRED JOB SITE SAFETY REGULATIONS AS NEEDED. 9. MATERIALS AND CONSTRUCTION SHALL BE IN STRICT COMPLIANCE WITH LOCAL SPECIFICATION STANDARDS AND/OR LOCAL BUILDING CODES. 10. CONTRACTOR SHALL COORDINATE WITH CITY AND LOCAL UTILITY COMPANIES FOR TYING INTO EXISTING MAINS. ALL UTILITY SERVICES SHALL BE INSTALLED PER CITY CODE AND II. ALL DISTURBED EARTH TO RECEIVE SLAB SOD UNLESS OTHERWISE DIRECTED BY OWNER/ENGINEER. POSITIVE DRAINAGE SHOULD BE MAINTAINED AT ALL TIMES. MAXIMUM SLOPE IN ANY DIRECTION IN HANDICAP SPACES TO BE 2%. 13. ALL EXITS MUST HAVE A MINIMUM 5' x 5' LEVEL LANDING. 14. MAX. CROSS-SLOPE OF ALL SIDEWALKS = 2% SIDEWALKS TO HAVE A MAXIMUM RISE ALONG PATH OF TRAVEL NOT TO EXCEED 1:20. 16. MAXIMUM SLOPE OF CURB RAMPS NOT TO EXCEED 1:12. UTILITY NOTES: I.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES, AND SHALL BE LIABLE FOR ANY DANAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS. TBM PP ELEV. = 185.01 GEOMETRIC NOTES: ALL PAVEMENT STRIPING SHALL BE 4-INCH-WIDE YELLOW UNLESS OTHERWISE NOTED OR SHOWN. + GE TIME G - G **EXECUTIVE** PAINT SHALL BE APPLIED TO PAVEMENT BY SPRAYING WITH A MECHANICAL SPRAYER DEVELOPED FOR SUCH PURPOSES TO ASSURE UNIFORM STRAIGHT LINES. DREXEL DRIVE DIRECTOR 3. ALL DIMENSIONS FOR PAVEMENT SHOWN HEREIN, UNLESS OTHERWISE NOTED, ARE TAKEN AT THE BACK OF CURB. **APPROVAL**



EXISTING 6' WOOD FENCE ALREADY EXISTING

IO' BUILDING SETRACK

G + GAS LINE



OF - SHEET

ALL CURBING UNLESS OTHERWISE NOTED SHALL BE 6* BARRIER CURB.



PAVING AND GRADING NOTES:

- THE SITE SHALL BE STRIPPED OF ALL CONCRETE AND VEGETATION PRIOR TO FILL OR CONSTRUCTION.
- ALL SELECT FILL SHALL BE 8-18 P. I. AND LIQUID LIMIT LESS THAN 35 AND CLASSIFIED AS LEAN SANDY CLAY OR CLAYEY SAND WITH NO MORE THAN SOSP PASSING THE NO. 200 SIEVE WITH A COMPACTION TEST RUN ON EACH 8" LIFT, I TEST /2500 SF PER LIFT - COMPACTED TO 98% STD. PROCTOR ALL TEST RESULTS MUST BE PROVIDED TO PROJECT ENGINEER FOR REVIEW.
- 3. ANY SOFT AREAS (TREE STUMP HOLES, ETC.) SHALL BE CUT OUT AND RE-COMPACTED TO SAID PROCTOR. CONTRACTOR SHALL PROOF-ROLL SITE W. A FULLY LOADED PROUMATIC-TIED DUMP TRUCK (20-25 TONS). SOILS WHICH RUT OR DEFLECT EXCESSIVELY SHALL BE UNDERCUT AND REPLACED W. PROPERLY COMPACTED STRUCTURAL FILL PER THE GEOTECHNICAL REPORT.

AFTER PROOF-ROLLING AND REPLACING ANY SUBSTANDARD AREAS, THE TOP 8-INCHES OF SUBGRADE SOIL SHALL BE SCARIFIED AND COMPACTED TO 95 PERCENT OF THE STANDARD PROCTOR NAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698 (STANDARD PROCTOR).

THE FIRST LAYER OF FILL SMALL BE PLACED IN A RELATIVELY UNIFORM HORIZONTAL LIFT AND BE ADEQUATELY KEYED INTO THE STRIPPED AND SCARIFIED SUB-BASE SOIL. FILL MATERIAL SHALL BE FREE OF ORGANIC OR O'THER DELETERIOUS MATERIALS HAVE A MAXIMUM PARTICLE SIZE LESS THAN 2 INCHES, AND HAVE A LIQUID LIMIT LESS THAN THIRTY-EIGHT (38) AND PLASTICITY INDEX BETWEEN FIVE (5) AND EIGHTEEN (18).

- FLASTICHT MORE BETWEEN FIVE (S) AND EIGHTEEN (IB).

 FILL MATERIAL SHALL BE FLACED IN MANUPUM HIFTS OF
 B-INCHES OF LOOSE MATERIAL AND SHALL BE COMPACTED TO 95
 FERCENT OF THE STANDARD COTOR OF SHALL BE COMPACTED TO 95
 FERCENTAGE FOR THE SHALL BE COMPACTED TO 95
 FERCENTAGE FOR THE CONTENT VALUE. EACH LIFT OF
 THE OPTIMUM MOISTURE CONTENT VALUE. EACH LIFT OF
 COMPACTED ENDINEERED FILL SHALL BE TESTED BY A
 REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER AND/OR
 TESTING AND INSPECTION LABORATORY PRIOR TO PLACEMENT OF
 SUBSEQUENT LIFTS.
- 5. THE CONTRACTOR SHALL KEEP THE SITE SO IT WILL HAVE POSITIVE DRAINAGE AT ALL TIMES.
- ALL EXCAVATION SHALL BE FREE OF ALL WATER BEFORE PLACING CONCRETE.
- ALL STEEL BARS SHALL BE GRADE 60 STEEL. NUMBER 3 BARS MAY BE GRADE 40.
- CLEAR DIMENSIONS FOR STEEL: STEEL AGAINST EARTH SHALL BE 3", STEEL AGAINST FORM I 1/2".
- ALL WIRE AND BARS SHALL BE SECURED PROPERLY BEFORE PLACING CONCRETE.
- 10. ALL CONCRETE SHALL HAVE A LOOD PSI COMPRESSIVE STRENGTH AT 28 DAYS. SUBHIT DESIGN MIX FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION. MAXIMUM SLUMP SHALL BE 5°. CHAMFER ALL EXPOSED CONCRETE EDGES.
- II. ALL AGGREGATE BASE COURSE (IF USED) SHALL MEET THE LATEST LADOT REQUIREMENTS. THE AGGREGATE BASE SHALL BE COMPACTED TO 95% STANDARD PROCTOR (ASTM D698) AT OR NEAR OPTIMUM MOISTURE CONTENT.
- THE AGGREGATE BASE COURSE (IF USED) SHALL EXTEND BEYOND THE BACK OF CURB AT LEAST 6*.
- SAW CUT JOINTS IN PAVEMENT AS SOON AS CONCRETE ALLOWS WITHOUT EXCESSIVE RAYELING ALONG THE CUT. DO NOT POUR ONE DAY AND SAW THE NEXT.
- ALL PAVEMENT JOINTS SHALL BE EXTENDED TO AND THROUG THE PORTLAND CEMENT CONCRETE CURBS.
- CONTRACTOR SHALL REMOVE ALL TREES AND OTHER OBSTRUCTIONS NECESSARY TO FACILITATE HIS WORK AT NO DIRECT PAY.
- 16. DIRECT RUNOFF AWAY FROM PAVEMENT.
- ALL ELEVATIONS FOR PAVEMENT SHOWN HEREIN, UNLESS OTHERWISE NOTED, ARE TOP OF PAVEMENT ELEVATIONS.
- CONTRACTOR SHALL REMOVE ALL TREES AND OTHER OBSTRUCTIONS NECESSARY TO FACILITATE HIS WORK AT NO DIRECT PAY.
- 19. WATER SHALL NOT BE ALLOWED TO POND BEHIND CURBS AND SATURATE THE PAYEMENT BASE. IN DOWN GRADE AREAS, GRANLAR FILL OR BASE STONE SHOLD EXTEND THROUGH THE SLOPE TO ALLOW ANY WATER ENTERING THE GRANULAR FILL OR BASE STONE A PATH TO EXIT.
- 20. THE CONTRACTOR SHALL ERECT SILT BARRIERS OR BASINS IN ORDER TO PREVENT DAMAGE TO OFFSITE STREETS AND/OR DOWNSTREAM PROPERTIES DUE TO SOIL EROSION AND/OR SILTATION.
- 21. STORM DRAINAGE PIPES, OUTLETS, AND CHANNELS SHALL BE PROTECTED BY SILT BARRIERS AND KEPT FREE OF WASTE AND SILT AT ALL TIMES PRIOR TO FINAL SURFACE STABILIZATION AND PAYING.
- 22. ALL AREAS DISTURBED BY GRADING OPERATIONS SHALL BE PROTECTED BY SEEDING AND MULCHING IN A TIMELY MANNER.
- THE CONTRACTOR SHALL INSPECT AND, IF NECESSARY, REPAIR ALL EROSION AND SILT CONTROL MEASURES ON A DAILY BASIS AND/OR FOLLOWING PERIODS OF PRECIPITATION.
- 24. ALL SIDEWALKS SHOWN SHALL BE 4* THICK CONCRETE.
- THE CONTRACTOR MAY, AS NEEDED, USE A METAL KEYWAY JOINT WITH THE APPROPRIATE DOWEL BAR TO END THE DAYS CONCRETE PLACEMENT OR CHANGE PAVEMENT THICKNESS.
- 26. ALL STRUCTURES PLACED WITHIN THE PAVEMENT SHALL HAVE AN EXPANSION MATERIAL SURROUNDING IT TO ALLOW FOR CONCRETE PLACEMENT.
- 27. CONTRACTOR SHALL OBTAIN THE FROJECT'S GEOTECHNICAL REPORT. ANY DISCREPANCIES BETWEEN PAYEMENT DESIGN AND INFORMATION SHOWN HEREON AND THE PROJECT'S GEOTECHNICAL REPORT SHALL BE GOVERNED BY THE GEOTECHNICAL REPORT.

REVISIONS BY

PAVING & PROPOSED JOINT PLAN SUPERIOR GRILL WAREHOUS SHREVEPORT, LA



ASSOCIATES, IN

Civil & Structural Engineering,

> Surveying, Planning & Consulting

4913 Shed Road Bossier City, LA 71111

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

06/28/2024

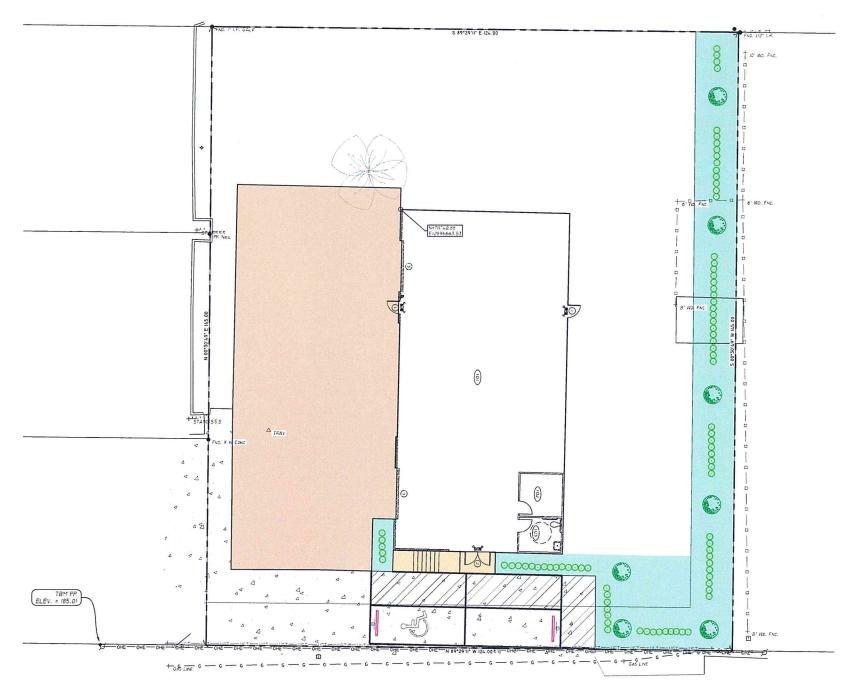


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SHEET: C3

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PAVEMENT LEGEND

EXIST. CONCRETE

CONC. SIDEWALK

LANDSCAPING

PROPOSED
CONCRETE PAVING

GENERAL NOTES:

I. THE PLANT SYMBOLS SHOWN HEREON ARE NOT DRAWN TO SCALE. THUS, THE NUMBER OF PLANTS AND SPACING OF SAID PLANTS MAY NOT BE RELATIVE TO THE AREA OVER WHICH THEY ARE SHOWN. CONTRACTOR SHALL PLACE SHRUBS AND TREES IN AN ATTRACTIVE ALTERNATING ORDER RELATIVE TO THIS DRAWING.

2. VERIFY ALL LANDSCAPING PLACEMENT WITH OWNER PRIOR TO INSTALLATION.

PLANTING PLAN LEGEND



3" CALIPER RED MAPLE APPROX. TOTAL: 7 MIN. SPACING: I EVERY 30 FT OF BUFFER & 2 FOR PARKING AREA.

8

3 GALLON AMERICAN HOLLY TOTAL: 85

EXECUTIVE DIRECTOR APPROVAL

APPROVAL

7-16-24 On Clab

Date By

REVISIONS BY

LANDSCAPING PLAN
SUPERIOR GRILL WAREHOUSE
SHREVEPORT, LA



Engineering, Surveying, Planning & Consulting

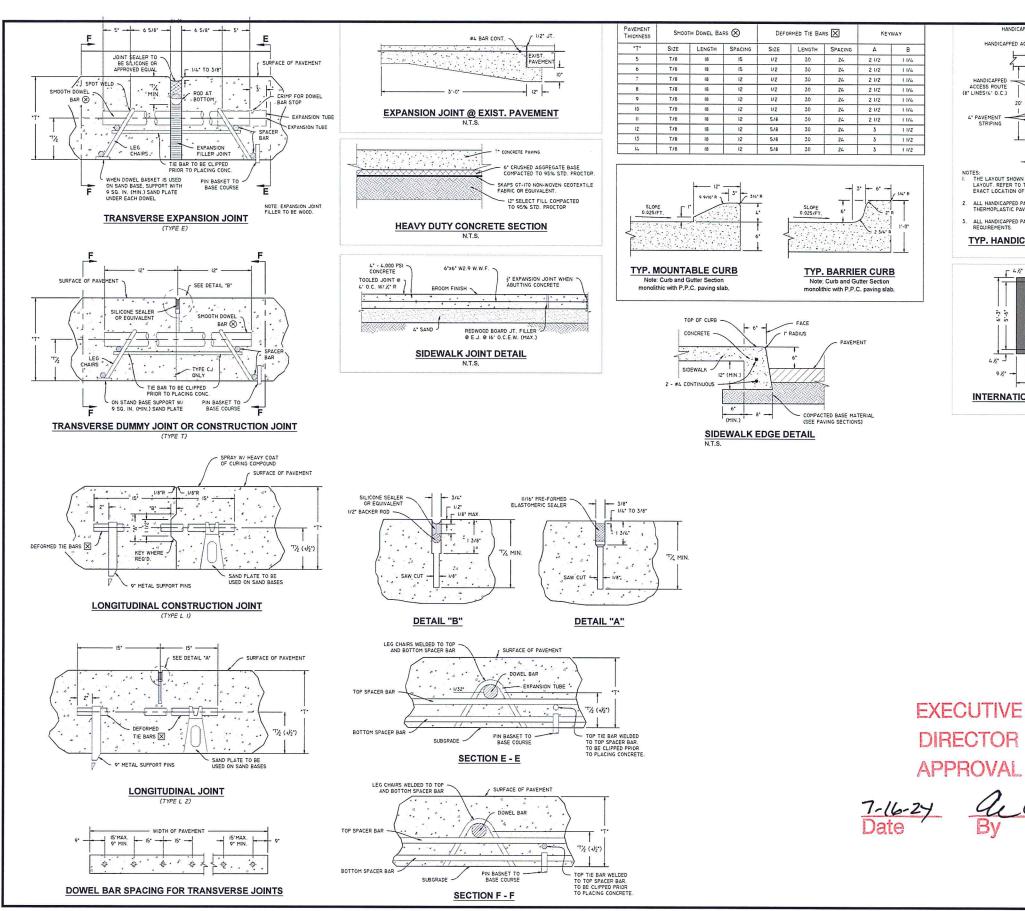
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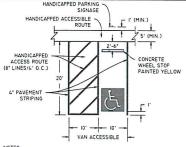
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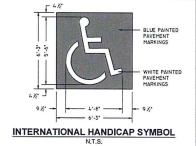
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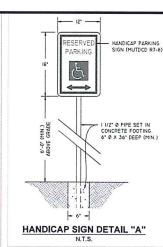


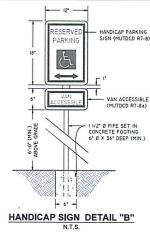


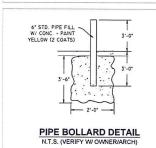
- OTES:
 THE LAYOUT SHOWN HEREON IS A TYPICAL HANDICAPPED PARKING
 LAYOUT, REFER TO THE GEOMETRIC LAYOUT SHOWN HEREIN FOR
 EXACT LOCATION OF HANDICAPPED PARKING.
- ALL HANDICAPPED PAVEMENT STRIPING AND SYMBOLS SHALL BE BLUE THERMOPLASTIC PAVEMENT MARKINGS.
- 3. ALL HANDICAPPED PARKING SHALL CONFORM TO CURRENT A.D.A

$\frac{\textbf{TYP. HANDICAPPED PARKING LAYOUT}}{\text{N.T.s.}}$











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4913 Shed Road Bossier City, LA 71111

& Consulting

Engineering, Surveying, Planning

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

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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.

DESIGN CRITERIA

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 TOPOGRAPHY AND NATURAL SURROUGNINGS AND MAKE EXTREME GRAD MODIFICATIONS UNNECESSARY. THE PLAN IS TO SHOW THE LOCATION, SLOPE, CUT, PLL AND FINISH ELEVATION OF THE SURFACES TO BE GRADED AND THE AUXILIARY PRACTICES FOR SAFE DISPOSAL OF RUNOFF WATER, SLOPE STABILIZATION, EROSION CONTROL, AND DRAINAGE SUCH AS WATERWAYS, LINED CHANNELS, DEVERSIONS, GRADE STABILIZATION STRUCTURES, RETAINING WALLS, AND SURFACE AND SUBSURFACE DRAINS.

THE GRADING PLAN SHALL BE IN ACCORDANCE WITH THE FOLLOWING

DESIGN CRITERIA

- THE CUT FACE OF EARTH EXCAVATION WHICH IS TO BE VEGETATED SLOPES OF MATERIALS NOT TO BE VEGETATED SHALL BE AT THE SAFE ANGLE OF REPOSE FOR THE MATERIALS ENCOUNTERED. UNVEGETATED CUT SLOPES SHALL BE PROTECTED BY MECHANICAL TREATMENT TO PROTECT THEM 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 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, CREATE UNDESIRABLE WETNESS.
- 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 PREMISES 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.
- FILLS ARE TO CONSIST OF MATERIAL FROM CUT AREAS, BORROW PITS, OR OTHER APPROVED SOURCES

GENERAL NOTES

- TIMBER, LOGS, BRUGH, RUBBISM, AND VEGETATIVE MATTER THAT WILL, INTERFERE WITH THE GRADING PERATION OR AFFECT THE PLANNED STABILITY OF FILL AREAS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO THE PLAN, AVOID UNNECESSARY 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 TOPSOIL.
- 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.
- . 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.

STANDARDS FOR HAY BALE DIKE

DEFINITION

A TEMPORARY BARRIER CONSTRUCTED WITH HAY BALES WITH A LIFE EXPECTANCY OF 3 MONTHS OR LESS, INSTALLED ACROSS OR AT THE TOE OF A SLOPE.

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

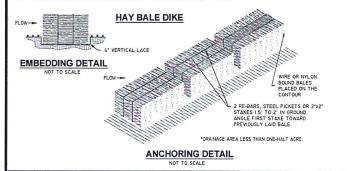
- NO OTHEP PRACTICE IS FEASIBLE , AND
 THERE IS NO CONCENTRATION OF WATER IN A CHANNEL OR OTHER DRAINAGE WAY ABOVE THE BARRIER AND
 EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION, AND
 CONTRIBUTING DRAINAGE AREA IS LESS THAN ONE-HALF ACRE AND THE LENGTH OF SLOPE ABOVE THE DIKE AND LESS THAN 100
 FEET. THE PRACTICE HAY ALGO BE USED FOR ALONE, 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
 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

- 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 STARES OR REBARS DRIVEN THROUGH THE BALES, THE FIRST STAKE IN EACH
 BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALE TOGETHER.
 INSPECTION SHALL BE FREGUENT AND REPBIAL OR REPLACEMENT SHALL BE MADE PROMYTLY AS NEEDED BY CONTRACTOR.
 BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR
 DRAINAGE.
- ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES.



STANDARDS FOR SEDIMENT TRAP

DEFINITION

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

INSTALLED AT POINTS OF DISCHARGE FROM DISTURBED AREA FOR A MAXIMUM PERIOD OF 10 MONTHS.

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

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 APEA.

CLEANOUT - SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL CAPACITY WHEN THE SEDIMENT HAS ACCUMULATED TO ONE HALF OF THE DESIGN VOLUME OR I FOOT, WHICHEVER IS LESS.

EMBANKMENT - THE EMBANKMENT SHALL HAVE A 3 FOOT TOP WIDTH, SIDE SLOPES OF 2:1 OR FLATTER, AND SHALL NOT EXCEED 5 FEET IN HEIGHT AS MEASURED AT THE LOW POINT OF THE ORIGINAL GROUND LINE, FILL HATERILL SHALL BE FREE OF WOODY VEGETATION, LARGE STONES, AND OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED IN EIGHT-INCH LAYERS BY TRAVERSING WITH CONSTRUCTION EQUIPMENT.

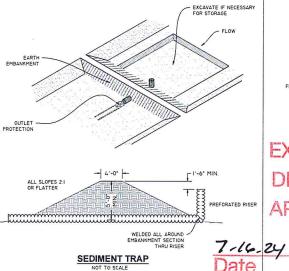
OUTLET

- AREA UNDER EMBAMMENT SHALL BE CLEARED. GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED. RISER DIAMETER SHALL BE ONE SIZE LARGER THEN THE PIEPE THE RISER RIALL BE WARPPED WITH THREE LAYERS OF 125 MLB. STHICK NON-WOVEN UN PESISTANT FILTER CLOTH. THE PORTION OF THE RISER ABOVE THE PIPE CONNECTIONS SHALL BE PERFORATED WITH ONE LIZENCE DIAMETER HOLD FER AS OBJURAE INCHES OF SUPFACE AREA. THE RISER CREST SHALL BE 1-1/2 FEET BELOW THE TOP OF THE EMBANKMENT.
- UNLESS OTHERWISE SPECIFIED, PIPE SIZES SHALL BE SELECTED FROM THE FOLLOWING TABLE :

| PIPE DIAMETER D. (INCHES) | MAXIMUM DRAINAGE AREA (ACRES) |
|------------------------------|-------------------------------------|
| 12 15 | 0.75 |
| 18 21 | 1.25 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 EMBANAMENT SHALL BE FREE OF ROOTS OF OTHER WOODY VEGETATIO AS WELL AS STONES, ROCKS, ORGANIC MATERIAL. OR OTHER OBJECTIONABLE MATERIAL, THE EMBANMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
- SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP OR I FOOT, WHICHEVER IS LESS, REMOVED SEDIMENT SHALL BE DEPOSITED IN AN APPROVED AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
- 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 BEEN 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

DEFINITION

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

PURPOSE

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 PERCOLATE THROUGH THIS FENCE SHALL REMAIN IN PLACE UNIT, THE DISTURBED AREA IS PERMANENTLY STABILIZED. SLT FENCE SHOULD NOT BE USED WHERE THERE IS A CONCENTRATION OF WATER IN A CHANNEL OR OTHER DRAINAGE 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 - BUPLAP WEIGHING APPROXIMATELY 7-1/2 OUNCES PER SQUAPE YARD OR APPROVED JUTE FABRIC OR GEOTEXTILE FABRIC.

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 18
KICH DEEP, WOONE LIVESTOCK WIFE TO SUPPORT THE MATERIAL SHALL BE
AT LEAST 36 INCH HIGH WITH A MAXIMUM MESH OFENING OF 6 INCHES
AND FABRICATED FROM ILE GASE WIRE OR LARGE WIRE OR

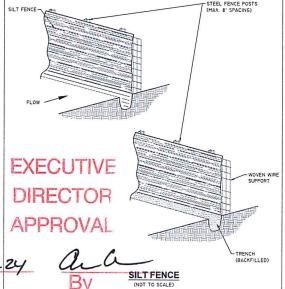
SILT FENCE SHALL BE PLACED AND CONSTRUCTED IN SUCH A MAKER THAT RUNOFF FROM A DISTURBED OR EXPOSED UPLAND AREA SHALL BE INTERCEPTED, SEDIMENT TRAPPED AND THE SURFACE RUNOFF ALLOWED TO PERCOLATE THROUGH THE STRUCTURE.

SILT FENCE SHALL BE PLACED IN SUCH A MANER THAT SURFACE RUNOFF WHICH PERCOLATES THROUGH WILL FLOW ONTO AN UNDISTURGED STABILIZED AREA OR STABILIZED OUTLET, IF PLACED IN SERIES, THE FIRTHEREST 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.
- 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 PERPEN-DICLAR 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.
- 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 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.

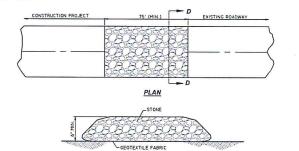
* TO BE REMOVED BY CONTRACTOR WHEN PERMANENT EROSION MEASURES ARE DEEMED TO BE EFFECTIVE.



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 "CHICLAR INGRESS AND ERGESS ON THE CONSTRUCTION SITE TO REDUCE THE AMOUNT OF MUD TRANSPORTED DON'TO PUBLIC ROOMS. IF THE ACTION OF THE VENUEL TRAVELING OVER THE GRAVEL PAD IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF THE MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLE ENTERS A PUBLIC ROAD. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A STONE CONSTRUCTION ENTRANCE AND/OR WASH RACKS

- I. THE STONE LAYER MUST BE AT LEAST 6 INCHES THICK.
- 2. THE STONE SHALL CONFORM TO SECTION 711(02)(CLASS 2LB) OF THE LA DOTD STANDARD SPECIFICATION
- 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.
- 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

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-WAY OF DISTURBED AREA. A PREIMETER DIKE IS PLACED ALONG THE PERIMETER OF THE DISTURBED AREA OR SITE.

PURPOSE

A DIVERSION DIKE INTERCEPTS STORM RUNOFF FROM SMALL UPLAND AREAS AND DIRECTS IT FROM THE EXPOSED SLOPES TO AN ACCEPTABLE DUTLET. AN INTERCEPTOR DIKE SHORTERS THE LENGTH OF EXPOSED SLOPES BY INTERCEPTING STORM RUNOFF AND DIVERTING IT TO AN ACCEPTABLE DUTLET. A PERMIETER DIKE PREVENTS OF STIESTED STORM RUNOFF FROM ENTERION THE DISTURBED AREA OR PREVENTS OF STIESTED AND FROM THE DISTURBED AREA.

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 REMAIN IN PLACE UNTILL THE DISTURBED AREAS ARE PERMANENTLY STABILIZED.

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 PLACEMENT:

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

TOP WIDTH - 2 FEET MINIMUM

HEIGHT - COMPACTED FILL SHALL BE IS INCHES MINIMUM HEIGHT MEASURED 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 UPON TOPOGRAPHY, BUT MUST HAVE POSITIVE 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. RUNOFF FROM A PROTECTED OR STABILIZED AREA SHALL OUTLET DIRECTLY ONTO AND UNDISTURBED STABILIZED AREA OR INTO A LEVEL SPREADER (SEE STANDARDS FOR LEVEL SPEADER) OR GRADE STABILIZATION STRUCTURE (SEE STANDARDS FOR GRADE STABILIZATION STRUCTURE).

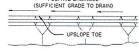
2. STRUCTURE THAT WILL CONTROL THE RUNOFF FROM DIKES SHALL BE INSTALLED AND STABILIZED BEFORE DIKES ARE INSTALLED.

GENERAL NOTES:

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

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





PLAN VIEW PERIMETER DIKE (NOT TO SCALE)

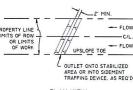


POSITIVE DRAINAGE (SUFFICIENT GRADE TO DRAIN) CUT OR FILL SLOPE

> PLAN VIEW **DIVERSION DIKE**

2' MIN. - FLOW

CROSS SECTION



PLAN VIEW INTERCEPTOR DIKE

. WAREHOUS **DETAIL** CONTROL GRILL EROSION ERIOR Δ SU



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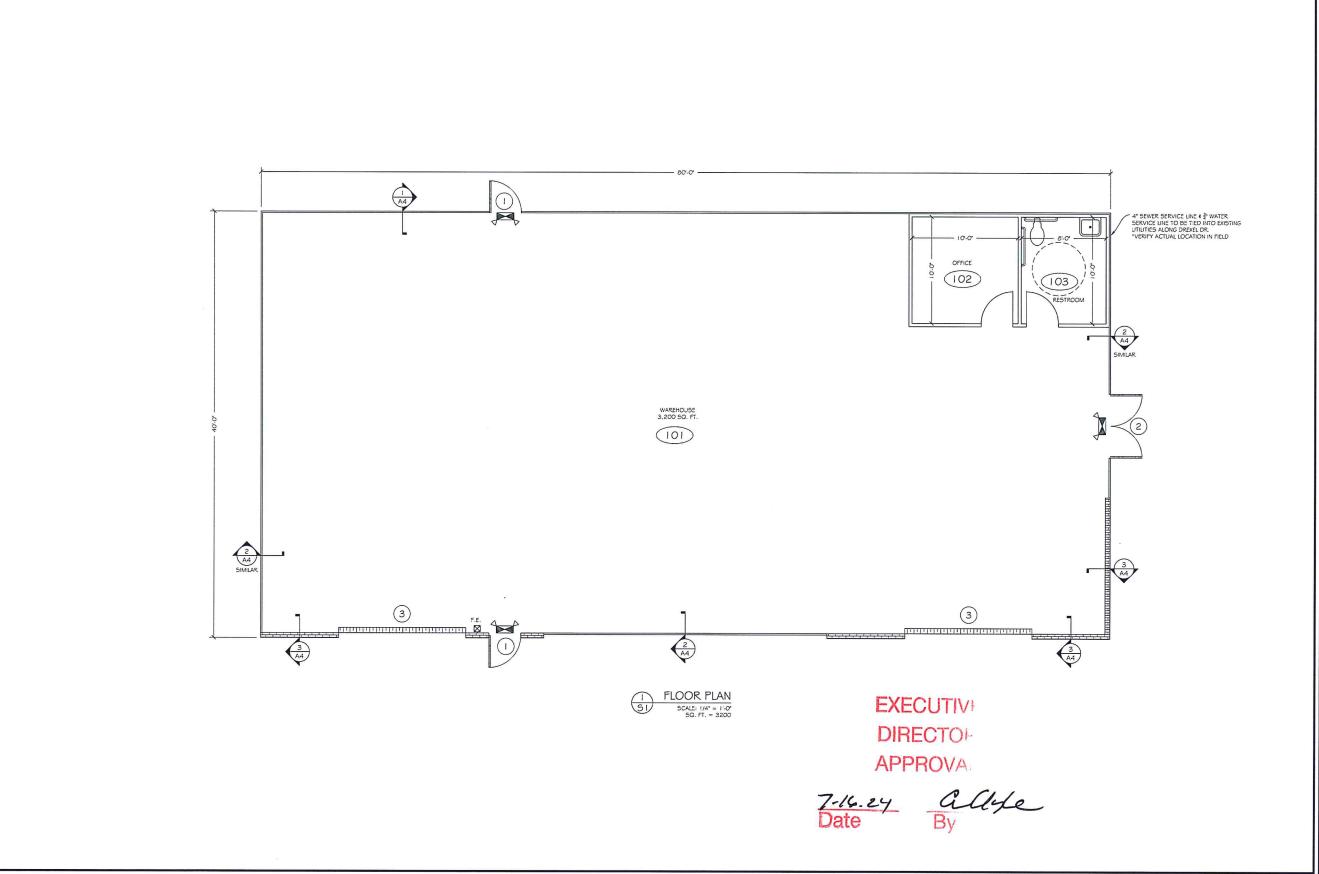
Phone 318.752-9023 Fax 318.752-9025

www.raleyandassociates.co 06/28/2024



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FLOOR PLAN
SUPERIOR GRILL WAREHOUSE
SHREVEPORT, LA



RALEY AN Associates, in

Civil & Structural
Engineering,

Surveying, Planning & Consulting

4913 Shed Road Bossier City, LA 71111

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

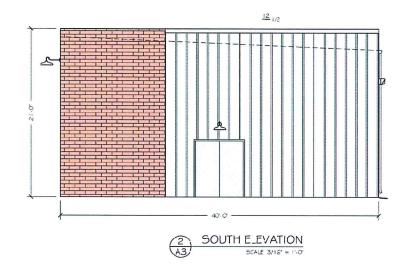
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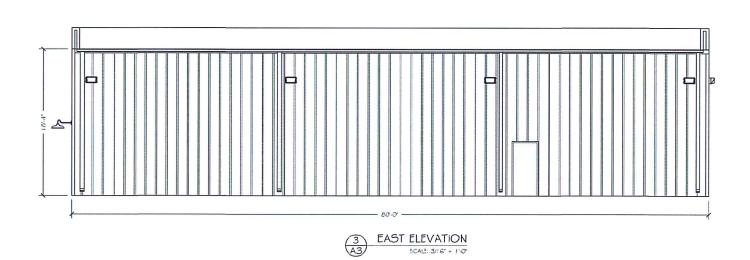


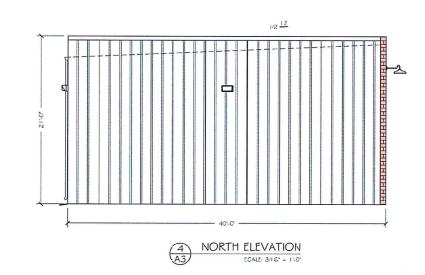
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EXECUTIVE DIRECTOR APPROVAL

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RALEY AND associates, inc.

REVISIONS BY

ELEVATIONS
SUPERIOR GRILL WAREHOUSE
SHREVEPORT, LA

REVIEWED FOR STATE FIRE MARSHAL AS PER REVIEW LETTER BY: MIRIAM DOUGLAS