





DIMENSIONED SITE PLAN
Southern Loop Storage
Caddo Parish, Louisiana

REVISIONS BY



ASSOCIATES, INC Civil & Structural

Engineering, Surveying, Planning

4913 Shed Road Bossier City, LA 71111

& Consulting

Phone 318.752-9023 Fax 318.752-9025

www.raleyandassociates.com



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DESCRIPTION:

SETBACK SUMMARY:

ZONING: B-2-E

FRONT: 30'

SIDE: O'

PLAT - SOUTHERN LOOP STORAGE AS RECORDED IN BOOK 8050, PG. 120 ASSESSMENT #2658151

	676825.5376	2900006.9657
12	676708.4385	2899975.5151
13	676434.0381	2893972.0365
14	676430.9968	2900212.0163
5	676625.1905	2900214.4774
16	676809.3315	2900223.1381
17	676756.8971	2900025,4154
18	6766815676	2900005.1801
19	676665,8296	2899989.9490
20	676718.2548	2900035.6424
21	676722.3039	2900110,6997
22	6767217972	2900150.6965
23	676716.2590	2900193.1297
24	676661.706	2900190,7544
25	676461,1867	2900197,2200
26	6764514387	29001772725
27	676453.5930	2900007.2862

28 676465.8467 2899987.4145

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0005.1801	NOTES:
9989.9490	I. VERIFY ALL BI
035.6424	ARCHITECTURA 2. ALL ONSITE BI
0110.6997	UTILITIES, ETC
0150.6965	CONTRACTOR 3. LOCATED IN FL
0193.1297	BE BUILT A MI
010000544	THIS AREA.)

TES:

-LEGEND-

O SAN SEWER MH.

-O-FIRE -YDRANT

M WATER VALVE

VERIFY ALL BUILDING DIMENSIONS WITH CURRENT ARCHITECTURAL PLAN.
ALL ONSITE BUILDINGS, FOUNDATIONS, PAVING, UTILITIES, ETC... TO BE REMOVED BY OWNER / CONTRACTOR PRIOR TO PROPOSED DEVELOPMENT.

PROPOSED FENCE

- LOCATED IN FLOOD TONE AT TIMESHED FLOOR TO BE BUILT A MINIMUM TAROVE BEE (NO BFE FOR THIS AREA.)
- 4. TOTAL ACREAGE = 3679 ACRES

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 TOTAL ACREAGE = 3679 ACRES

BENCH MARK

Ø POWER POLE

APPROVAL

VICINITY MAP SCALE: NT.S.

PROJECT

LOCATION

358 UNITS 50 = 7.16 = 8 MIN. EMAIL: KIIOFFICE@ATT.NET REAR: 25' PHONE: 318-548-3240 UNIT MIX KILPATRICK SELF STORAGE

OWNER INFORMATION:

PROVIDED VEHICLE PARKING: 8

REQUIRED VEHICLE PARKING:

1 PER 50 UNITS

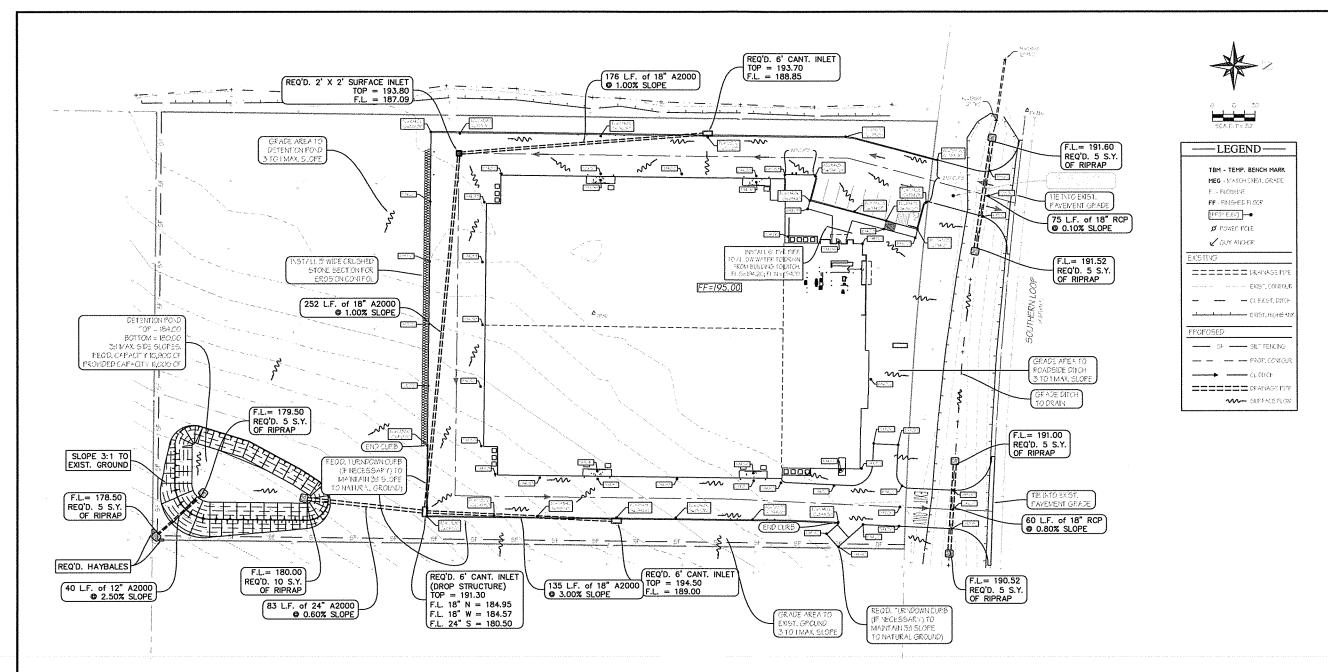
KILPATRICK INVESTMENTS, L.L.C.

RUSTON, LA. 71273

ADDRESS: F.O. BOX 1363

8/11/2017 101AL GSF 52,610 SITE DATA 161,039 SF

3.70 ACRES 0.33 FLOOR/AREA RATIO



EROSION CONTROL AND SWPPP NOTES:

DETENTION BASINS.

- THE NATURE OF CONSTRUCTION ACTIVITY IS THE DEVELOPMENT OF A COMMERCIAL STORAGE SITE.
- 2. MAJOR ACTIVITIES AND CONTRACTOR RESPONSIBLE ARE AS FOLLOWS:
- CLEARING AND DEGRASSING PAVING AND DRAINAGE CONTRACTOR. INSTALL SILT PENCING, HAYDALES, DETENTION BASIN AND OTHER NECESSARY STORM WATER CONTROLS PRIOR TO BEGINNING OF CLEARING AND DEGRASSING, WATER AND SEVER OWNERACTOR SHALL CORDINATE WATER AND SEVER OWNERACTOR SHALL CORDINATE WATER AND SEVER OWNERACTOR SHALL CORDINATE WATER AND SEVER SHALL SHALL OWNERAL SHALL OWNERAL SHALL OWNERAL SHALL OWNERAL SHALL S
- INSTALLED AT RAW TO PREVENT RUNOFF FROM LEAVING THE SITE. EXCAVATION - PAVING AND DRAINAGE CONTRACTOR SHALL INSTALL SILT FENCING
- AND HAYBALES TO PREVENT RUNOFF FROM LEAVING THE SITE STORM DRAINAGE - PAVING AND DRAINAGE CONTRACTOR SHALL INSTALL SILT ENGING AND HAYBALES TO PREVENT RUNOFF FROM LEAVING THE SITE AND
- BUILDING CONSTRUCTION GENERAL CONTRACTOR, INSTALL NECESSARY STORM A.5. WATER CONTROLS DURING CONSTRUCTION A.6. PAVING - PAVING AND DRAINAGE CONTRACTOR, INSTALL NECESSARY STORM
- WATER CONTROLS DURING CONSTRUCTION
- GAS, ELECTRIC. PHONE & CABLE EACH UTILITY OWNER / CONTRACTOR.
- EACH CONTRACTOR USTED ABOVE IS RESPONSIBLE FOR BEING KNOWLEDGEABLE OF THEIR LISTED ACTIVITY. AS SUCH EACH CONTRACTOR SHALL PROVIDE TO OWNER OR OWNERS AGENT A DETAILED SCHEDULE OF CONSTRUCTION ACTIVITIES FOR THEIR PHASE
- THE EROSION CONTROL PLAN SHOWN IS PROVIDED AS A MINIMUM GUIDE TO BE SUPPLEMENTED BY EACH CONTRACTORS DETAILED DESCRIPTION OF CONTROL MESSURES. THE DETAIL SHEET PROVIDES SPECIFIC CONTROLS WHICH MAY BE USED BY CONTRACTORS ON THIS SITE.

- 5. CONTROLS ARE DESIGNED TO RETAIN SEDIMENT ON SITE, ANY SEDIMENT ESCAPING THE CONTROLS ARE DESIGNED TO RETAIN SEDMENT ON SITE, ANY SEDMENT ESCA SITE AND ACCUMULATING MUST BE REMOVED, UPON FINAL COMPLETION DETEI BASIN SHALL BE CLEAVED OF CONSTRUCTION SEDMENTATION PRIOR TO FINAL GRADING.
- 5. EACH CONTRACTOR SHALL PROVIDE TO OWNER OR OWNERS AGENT A DETAILED DESCRIPTION OF PLEET MANAGEMENT PRACTICES; STRUCTURAL PRACTICES (SILT PENCES, CHECK DAMS, ETC.), AND STABLUSTATION PRACTICES (PREPORTAR VECETATION, SOD, SIC.) WHICH COMPLIES WITH THE SHORT AND LONG TERM GOALS AND INVENT OF THE LOUSAND WATER DISCHARGE PERMIT OFF THEIR PRACE OF CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL PROVIDE SAME INFORMATION TO THE
- 7. THE CONTRACTOR FOR EACH LISTED PHASE OF CONSTRUCTION SHALL BE RESPONSIBLE FOR MAINTAINING DATES AND RECORDS AND FORWARDING TO DEVELOPERCONNER FOR THE FOLLOWING INFORMATION: BEGINNING CONSTRUCTION, MAJOR GRADING ACTIVITIES, SOIL DISTRIBUTING ACTIVITIES, WHEN STABULIZATION MEASURES ARE INITIATED AND COMPLETED, TEMPORARY HALTS, AND COMPLETION OF THEIR PORTION
- 8 THE CONTRACTOR IN CHARGE OF EROSION CONTROL SHALL INITIATE STABILIZATION. MEASURES OF DISTURBED AREAS WHERE CONSTRUCTION HAS TEMPORARBLY OF PERMANENTLY CEASED WITHIN 14 DAYS. UNLESS EARTH DISTURBING ACTIVITIES ARE TO RESUME WITHIN 21 DAYS.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING (REPAR SILT FENCE, REMOVE SEDIMENT BUILDUP, ETC.) STRUCTURAL CONTROLS UND OUT IN STORM WATER POLLUTION PREVENTION PAIN AS WELL AS ANY ADDITIONAL CONTROLS IN CONTRACTORS DETAILED DESCRIPTION.
- 10. THE CONTRACTOR FOR EACH LISTED PHASE OF CONSTRUCTION SHALL BE RESPONSIBLE FOR PROVIDING INSPECTIONS OF DISTURBED AREAS AND STRUCTURAL CONTROLS

- EVERY 14 DAYS OR WITHIN 24 HOURS OF A STORM EVENT, A REPORT SHIMMARIZING INSPECTION AND ANY MAINTENANCE TAKEN SHALL BE FILLED OUT AND FORWARDED TO
- 1). ALL COMPLETED INSPECTION REPORTS ARE TO BE KEPT WITH THE SWPP PLAN IN THE CONTRACTORS, DEVELOPERS 4 OWNERS FILES.
- HOUSE CONTRACTORS TO PROVIDE PERMANENT SCIL STABILIZATION OF EACH LOT AT COMPLETION OF CONSTRUCTION AND TO FOLLOW THE LOUISIANIA WATER DISCHARGE PERMIT FOR THEIR PHASE OF CONSTRUCTION ACTIVITIES.
- 13. THE CONTRACTOR IN CHARGE OF EROSION CONTROL SHALL BE RESPONSIBLE FOR SWEEPING ACCUMULATED SILT, MUD, SOIL, DEBRIS AND LITTER AT END OF EACH
- LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS SHALL BE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER DISCHARGES.
- 15. THE CONTRACTOR IN CHARGE OF EROSION CONTROL MUST ASSURE THAT ADJACENT ROADWAYS AND SHOULDERS ARE OPENED AND MAINTAINED FOR SAFE TRAVEL. IMMEDIATE ACTION SHOULD BE TAKEN TO REMOVE DEBRIS, MUD. EXCESS CONSTRUCTION WATER AND ANY OTHER UNSAFE ITEMS FROM THE ROADWAYS. SHOULDERS AND / OR NEARBY CONSTRUCTION SITES. FAILURE TO COMPLY MAY RESULT IN CITY / OWNER CLEANING UP AND THE COST BEING SUBTRACTED FROM THE
- 16 THE CONTRACTOR SHALL USE QUALIFIED PERSONNEL TO INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, AREAS USED FOR STORAGE OF MATERIALS THAT ARE DIFFOSED TO PRECIFICATION, STSUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR BAT THE SITE AT LEAST CACE EVERY 14 CALENDAR DAYS, BEFORE SEGMENCANT STORM VEHITS, AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5. INCHES OR GREATER.

- 17. GENERAL CONTRACTOR TO PROVIDE DUMPSTERS OR OTHER CITY APPROVED WASTE DISPOSAL PRACTICES DURING CONSTRUCTION
- 18. NO CRITICAL HABITATS FOR THREATENED OR ENDANGERED SPECIES ARE FOUND IN PROXIMITY. NO HISTORIC PROPERTIES HAVE BEEN IDENTIFIED IN THE CONSTRUCTION ACTIVITY AREA OR STORM WATER DISCHARGE PATH.
- A COPY OF THE SWPPP SHALL BE KEPT ON THE JOB UNTIL FINAL VEGETATION STABILIZATION, AND CONSTRUCTION IS COMPLETE.
- 20. PERMITTEE SHALL BE RESPONSIBLE FOR COMPULANCE WITH THE ABOVE ITEMS AND COORDINATE WITH ALL COMPACTORS J SUBCONTRACTORS WORKING ON THIS PROJECT WITH RECARDED TO ALL STORM WATER REQUILATION, PERMITTEE SHALL PROVIDE ALL REQUIRED CONTACT INFORMATION TO THE LOCAL STORM WATER PERMITTING AGENCY HAVING JURISDICTION PRIOR TO BEGINNING CONSTRUCTION.

- CONFRACTOR 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 FROVIDED BY ONE CALL OR THE LOCAL UTILITY COMPANY, LOUISIANA ONE CALL 811 OR
- 2. 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
- ALL TRENCH EXCAVATION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH OSHA REGULATIONS AND APPLICABLE LOCAL CODES AND ORDINANCES.

- 5 CONTRACTOR SHALL FIELD VERIEY ALIGNMENT AND GRADE OF ALL PAVING, DRAINAGE PRIES AND PROPOSED MAINS, CONFLICTS, DESCREPANCIES OR REFEDERATIES SHALL BE BROUGHT TO THE MANDAME ATTENTION OF THE OWNER, FAILURE TO DO SO MAY RESULT IN ADDITIONAL COSTS TO THE CONFRACTOR FOR REMOVAL, REPLACEMENT, OR REVISIONS TO ITEMS INSTALLED WITHOUT VERIFICATION BY OWNER.
- G. CONTRACTOR SHALL REDISTRIBUTE TOPSOIL IN 4" LAYER AS PER OWNER
- CONTRACTOR SHALL COORDINATE AND PROVIDE FOR ALL SAFEGUARDS, SAFETY DEVICES AND REQUIRED JOB SITE SAFETY REGULATIONS AS NEEDED.
- MATERIALS AND CONSTRUCTION SHALL BE IN STRICT COMPLIANCE WITH LOCAL SPECIFICATION STANDARDS AND/OR LOCAL BUILDING CODES.
- CONTRACTOR SHALL COORDINATE WITH CITY AND LOCAL UTFUTY COMPANIES FOR TYING INTO EXISTING MAINS. ALL UTFUTY SERVICES SHALL BE INSTALLED FER CITY CODE AND GOVERNING UTFUTY CODE.
- ALL DISTURBED EARTH TO RECEIVE SLAB SOD UNLESS OTHERWISE DIRECTED BY OWNER/ENGINEER. POSITIVE DRAINAGE SHOULD BE MAINTAINED AT ALL TIMES.
- 11. MAXIMUM SLOPE IN ANY DIRECTION IN HANDICAP SPACES TO BE 2%.
- 12. ALL EXITS MUST HAVE A MINIMUM 5'x 5' LEVEL LANDING
- 13. MAX. CROSS-SLOPE OF ALL SIDEWALKS = 2%
- 14. SIDEWALKS TO HAVE A MAXIMUM RISE ALONG PATH OF TRAVEL NOT TO EXCEED 1:20.
- 15. MAXIMUM SLOPE OF CURB RAMPS NOT TO EXCEED 1:12.

REVISIONS BY

PLAN Storage ouisiana DRAINAGE outhern Loop Caddo Parish, Lo AND GRADING

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& Consulting 4913 Shed Road Bossier City, LA 71111

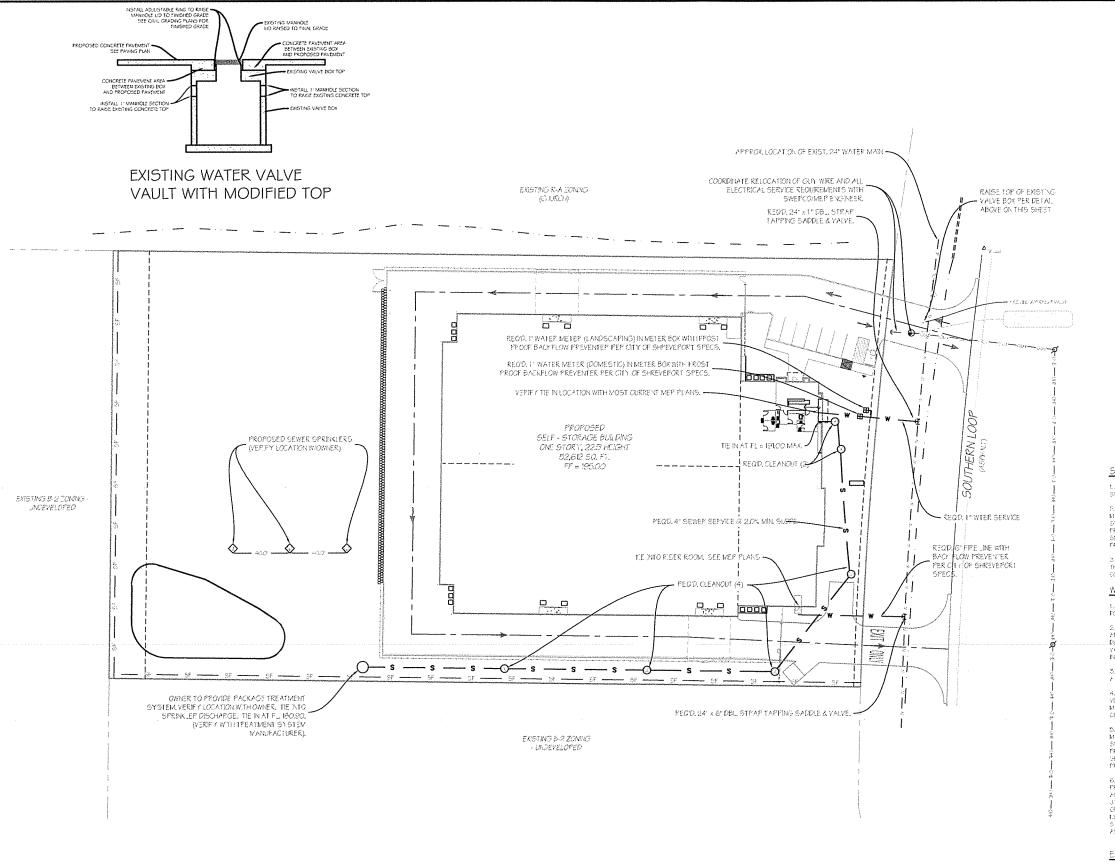
Surveying, Planning

Phone 318.752-9023 Fax 318.752-9025



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SEWER NOTES:

LALL SEWER MAINS SHALL CONFORM TO ASTMIC 3034 SOR-95 STANDARDS FOR EVER BELLAND SPICOLIFPE.

2.1 WILL BE THE RESPONSIBILITY OF THE COLLEGE OF TO FROM BESTED MATERIA. FOR BUCKFILL IF EXISTING MATERIA DOES NOT MEET MINUM STANDARDS, IT WILL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO FRANCE CONTRACTION TESTS OF BACHFILL AT CROSSINGS, THE COST OF SELECT MATERIAL AND CONTRACTION TESTS SHALL BE INCLUDED IN THE UNIT FREES.

OUR WILL BE THE PERFONSION OF THE UTENTY CONTRACTOR TO ADJUST THE TOP OF ALL CLEANOUTS TO GRADE AFTER FINEH OF ADJUGATED COMPLETED BY THE BUILDING CONTRACTOR.

WATER:

I ALL WATER MAINS SHALL SOMEONNI TO AVWAICSCO DRIPS STANDARDS FOR PVC BEID, AND SPIGOT FIFE.

2. NE SELDO AND TEURO CHALL REQUEE MECHINO MERSTRANT ETTINGS AND CONCRETE THEUST BLOCKS, ALL BENDS AND TITTINGS SHALL BE LOUDTER EXCHINACCORDAGE WITH PROVISIONS OF AWMACESS, ALL HUME VALUES, STREET CONDICTIONS OF THE TIMES AND OF SPE, SHALL BE EKSTALLED WITH MECHANICAL LIGHT KESTRANTS.

3. CONTRACTORS GHALL ASSUME THAT WATER WANG ARE BUSTALLED WITH A MERMUM OF 410° OF CROW-D COVER.

4. WATER MAINS CROBBING SEWEPS SHALL BE LAD TO PROVIDE A VINIMBAL VERTICAL DISTAILE OF SALINGES BETWISH FOLDISIDE OF THE WATER MAIN AND THE OURSIDE OF THE SEWER MAIN REGUREDHOF TONTA . CLEAR INGERS MIRK ON DIFFET.

6. T WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE SELECT MATERIAL FOR BACKFUL IF EXISTING MATERIAL DOES NOT MEET INFOLM STANDARS OF WILL AS DOE THE MEST WHISBLITTY OF THE CONTRACTION OF FROMER CONTRACTION TESTS OF SACERIT AT CROSS USE, THE COST OF SELECT MATERIAL AND COMPACTION TESTS SHALL BE DELECTED IN THE UNIT FIXES.

6. ALL WATER MANIS, FIFES, FITTINGS, JOHES, VALVES AND PACKE, ON PROVENING SHALL MEET ON EXCEPTINE KIDACIDIC PAPEROUNEMENT OF ACT SE2 AS ENACLED BY HELD ASSIANAL LEGISLATURE EFFECTIVE JANUARY LOOK, AND ATTEMACHE PRODUCTS AND EXTERNALS THAT DON OR SEAL RIFES SHALL BE EVALUATED AND HISTED AS CONFORMING WITH LISP FALSO 372 DANNING WATER SYSTEM COMPONENTS, LEAD COLFE IT OR SHALL BE CASHED AS CONFORMING WATER SYSTEM COMPONENTS, LEAD COLFE IT OR A MARPHOON AND ACCORDING THE PROPERTY AS MARPHOON AS A MARPHOON AS A

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VERIFY ALL LIGHTLY PETECTRIC WITH ANOLITECTION ERREGHTING FLANDOWER COMPANY PRIOR TO CONSTRUCTION.

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UTILITY PLAN
Southern Loop Storage
Caddo Parish, Louisiana



Civil & Structural Engineering,

Surveying, Planning & Consulting

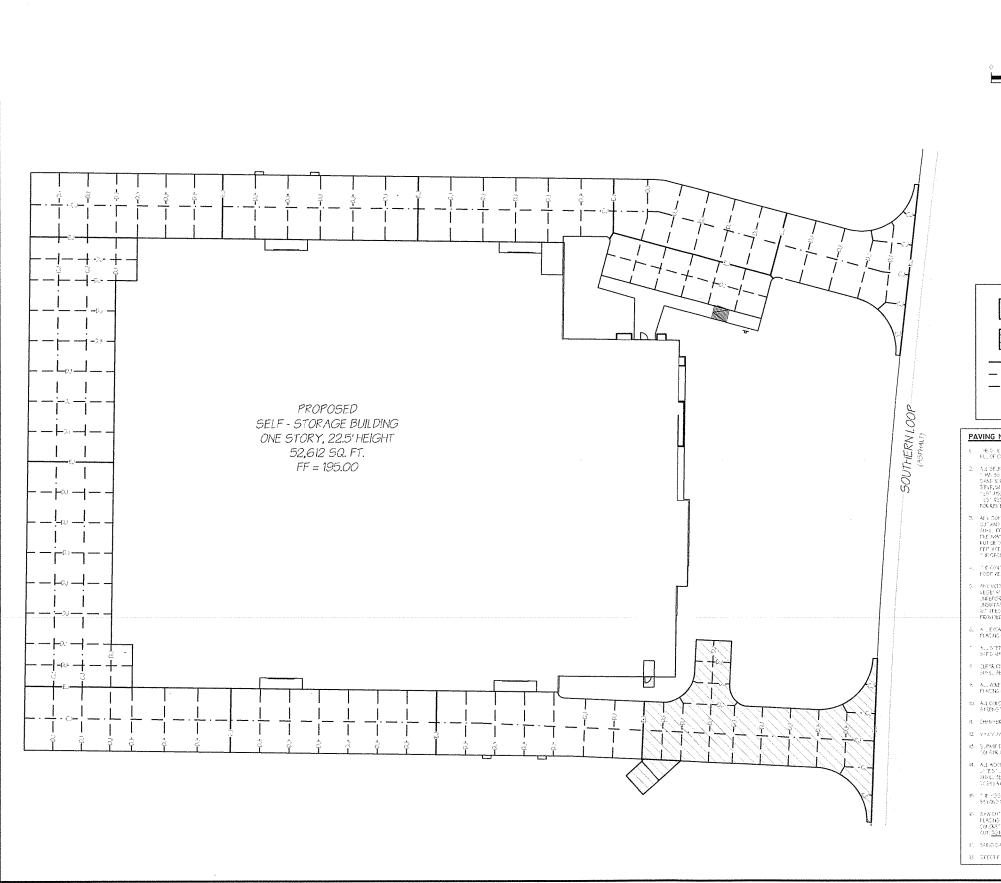
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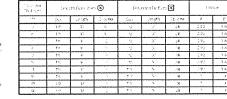


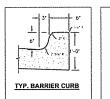
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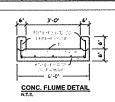


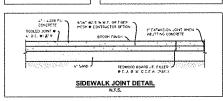


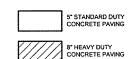












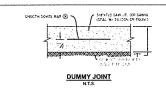
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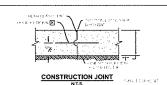
— — 33 — — DUMMY JOINT --- CONSTRUCTION JOINT

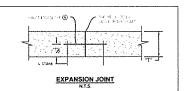
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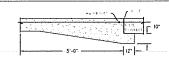
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- 2. AL SELECT PLASHOLET AS ELEMANDE AND CLARK (ESSIMAND AND CLARK CLARK CHARLAND CLARK CLARK CHARLAND C
- LAND SET MEAS (FEEST MED DES, ETC) SHADES OF MARKEN PROPERTY OF A PRICE OF CONTAINING MEDICAL PROPERTY OF A PRICE OF A PR
- THE CONTRACTOR SIME, MEETING STEESOFF WILL HAVE FROM MEDITALISES AT ALL TAKES.
- ANY YORS ARBUMO FROM THE REMOVED OF THE SIMP SHEET SIMP SHEET SIMPLE TO SHEET SIMPLE SHEET SIMPLE SHEET SHEE
- A LEXCAPATION OF HEIR OF HITTER OF ALL WHITE BEHOPE FRACES CONTRETE.
- ALL STEEL BARS SHELL SE GEATE AV SITTEL MUNEUF S SHES MAY REGERLE 40.
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- 18. SUBBIT CESON MIX FOR ATTECO ALPECK TO SECUNDISCOLUTE TO SECUND
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- CONTRACTOR SOURCE FAIR PROPERTY OF SAFETY CARE

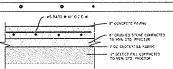




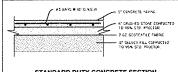




EXPANSION JOINT @ EXIST, PAVEMENT



HEAVY DUTY CONCRETE SECTION



STANDARD DUTY CONCRETE SECTION

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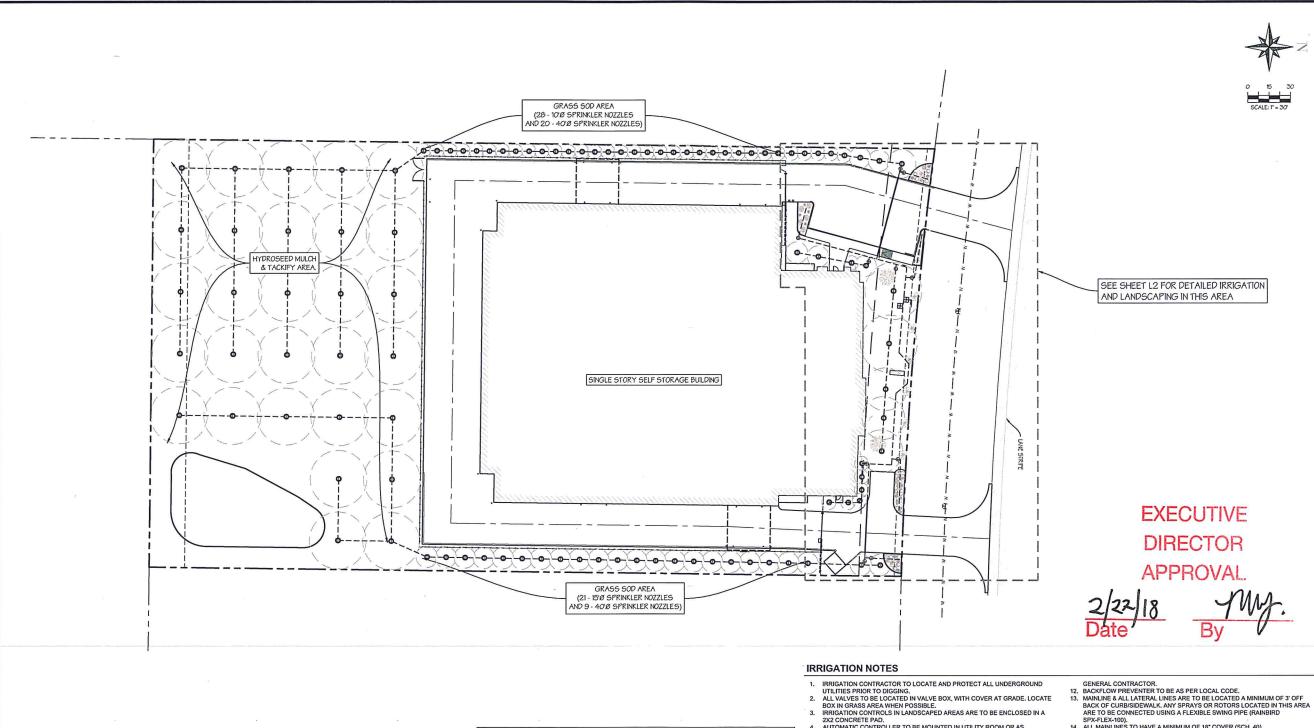
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Surveying, Planning

& Consulting

12/14/2017 MICHAEL KEISCH
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PROFESSIONAL
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- 2X2 CONCRETE PAD.

 A AUTOMATIC CONTROLLER TO BE MOUNTED IN UTILITY ROOM OR AS DETERMINED BY THE PROJECT MANAGER; SEE ARCHITECTURAL PLANS.

 WEATHER SENSOR (IF REQUIRED) TO BE LOCATED ALONG PARAPET OR AS DETERMINED BY THE PROJECT MANAGER; SEE ARCHITECTURAL PLANS. ENSURE SENSOR IS FREE FROM ANY OBSTRUCTIONS.
- 60 PSI REQUIRED PER ROTOR STATION 40 PSI REQUIRED PER SPRAY STATION - 40 PSI REQUIRED PER DRIP STATION, ALL SPRAY AND ROTOR BODIES TO HAVE PRS (IN-STEM PRESSURE REGULATION SYSTEM) AS
- STATION "95 REQUIRED FOR DITE STATION," ALL SYSTEM) AS

 BIODICS TO HAVE PRS (IN-STEM PRESSURE REGULATION SYSTEM) AS

 INDICATED IN THE LEGEND, FLOW ADJUSTMENTS CAN BE MADE AT THE

 ZONE'S VALVE TO COMPENSATE FOR THIS DIFFERENCE IN PSI.

 7. PRESSURE REGULATOR REQUIRED IS TATIC WATER PRESSURE AT POINT OF

 CONNECTION FOR SITE IS GREATER THAN 80 PSI.

 8. 4"-6" SCH 40 PVC SLEEVES ARE TO BE LOCATED AS SHOWN ON SHEET L.2.1.

 EXTEND SLEEVE 18" BEYOND BACK OF CURB OR PAVEMENT, SLEEVES TO BE

 LOCATED AND EXPOSED BY THE GENERAL CONTRACTOR PRIOR TO START OF

 THE IRRICATION INSTALLATION.

 9. ALL SHRUB BEDS ARE TO BE IRRIGATED USING DRIPLINE UNLESS OTHERWISE

 NOTED, 4" POP-UP HEIGHT FOR TURE ZONE ROTORS AND SPRAYS, ROTOR

 NOZZLE SIZE AS INDICATED ON THE IRRIGATION PLAN.

 10. ALL PIPES, AUTOMATIC VALVES, BACKFLOW PREVENTER, MANUAL VALVE AND

 METER TO BE LOCATED WITHIN PROPERTY LINES UNLESS OTHERWISE

 SHOWN, PIPES, VALVES, ETC. SHOWN IN COUNTY, CITY, STATE R.O.W MAY

 REQUIRE MAINTENANCE AGREEMENT OR INDEMNITY AGREEMENT.

 11. IRRIGATION METER AND BACKFLOW PREVENTER TO BE PROVIDED BY THE

- GENERAL CONTRACTOR.

 12. BACKFLOW PREVENTER TO BE AS PER LOCAL CODE.

 13. MAINLINE & ALL LATERAL LINES ARE TO BE LOCATED A MINIMUM OF 3' OFF
 BACK OF CURRISIDEWALK, ANY SPRAYS OR ROTORS LOCATED IN THIS AREA
 ARE TO BE CONNECTED USING A FLEXIBLE SWING PIPE (RAINBIRD
 SEY, ELEY 100).
- SPX-FLEX-100).

 14. ALL MAINLINES TO HAVE A MINIMUM OF 18" COVER (SCH. 40).

 15. ALL LATERALS AND SUB-MAIN PIPE TO HAVE A MINIMUM OF 12" (SCH. 40).

 16. NO ROCKS, BOULDERS, OR OTHER EXTRANEOUS MATERIALS TO BE USED IN
- BACKFILLING TRENCHES.

 17. ALL THREADED JOINTS TO BE COATED WITH TEFLON TAPE OR LIQUID TEFLON.

 18. ALL LINES TO BE THOROUGHLY FLUSHED BEFORE INSTALLATION OF
- SPRINKLER HEADS.
- 19. MUST USE PRODUCTS SPECIFIED ON THIS DRAWING, UNLESS OTHERWISE
- IRRIGATION CONTRACTOR SHALL PROVIDE AN AS-BUILT DRAWING TO THE
- ARCHITECT.

 21. IRRIGATION CONTRACTOR TO FIELD VERIFY THAT INSTALLED IRRIGATION SYSTEM PROVIDES 100% COVERAGE UPON COMPLETION OF INSTALLATION. IF SYSTEM DOES NOT PROVIDE 100% COVERAGE THE IRRIGATION CONTRACTOR SHALL REVISE SYSTEM TO PROVIDE 100% COVERAGE PRIOR TO CERTIFICATE OF OCCUPANCY.

 22. ALL PIPE, VALVES, DRIP, SPRAY HEADS, ROTORS, CONTROLLERS, AND WEATHER SENSORS ARE TO BE INSTALLED AS PER RANBIRD SPECIFICATIONS, FOR ANY QUESTIONS ON RAINBIRD PRODUCTS OR INSTALLATION CALL BEN KNICKEL AT 678.644.3249

 23. WATER SOURCE TO BUILDING SHALL BE A 1.5" PVC WITH 1" OR 1.5" METER. MAINLINE TO BE 1.5".

 4. IF POP UP HEAD IS LOCATED IN SHRUB AREA, CONTRACTOR SHALL ENSURE PROPER HEIGHT OF POP UP TO PROVIDE ADEQUATE WATER COVERAGE.

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LANDSCAPING PLAN
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Caddo Parish, Louisiana



ASSOCIATES, IN

Civil & Structural Engineering,

Surveying, Planning & Consulting

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180 SPRAY HEAD - "POP UP"

90 SPRAY HEAD - "POP UP"

1800 ROTARY NOZZLE

1° ELECTRIC VALVE

1" DRIP CONTROL ZONE VALVE

AUTOMATIC CONTROLLER

1800 ROTARY NOZZLE

W\$ WEATHER SENSOR

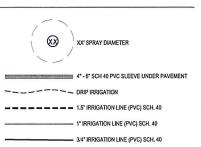
1" IRRIGATION METER S 1" MANUAL SHUTOFF VALVE

RPZ BACKFLOW PREVENTOR

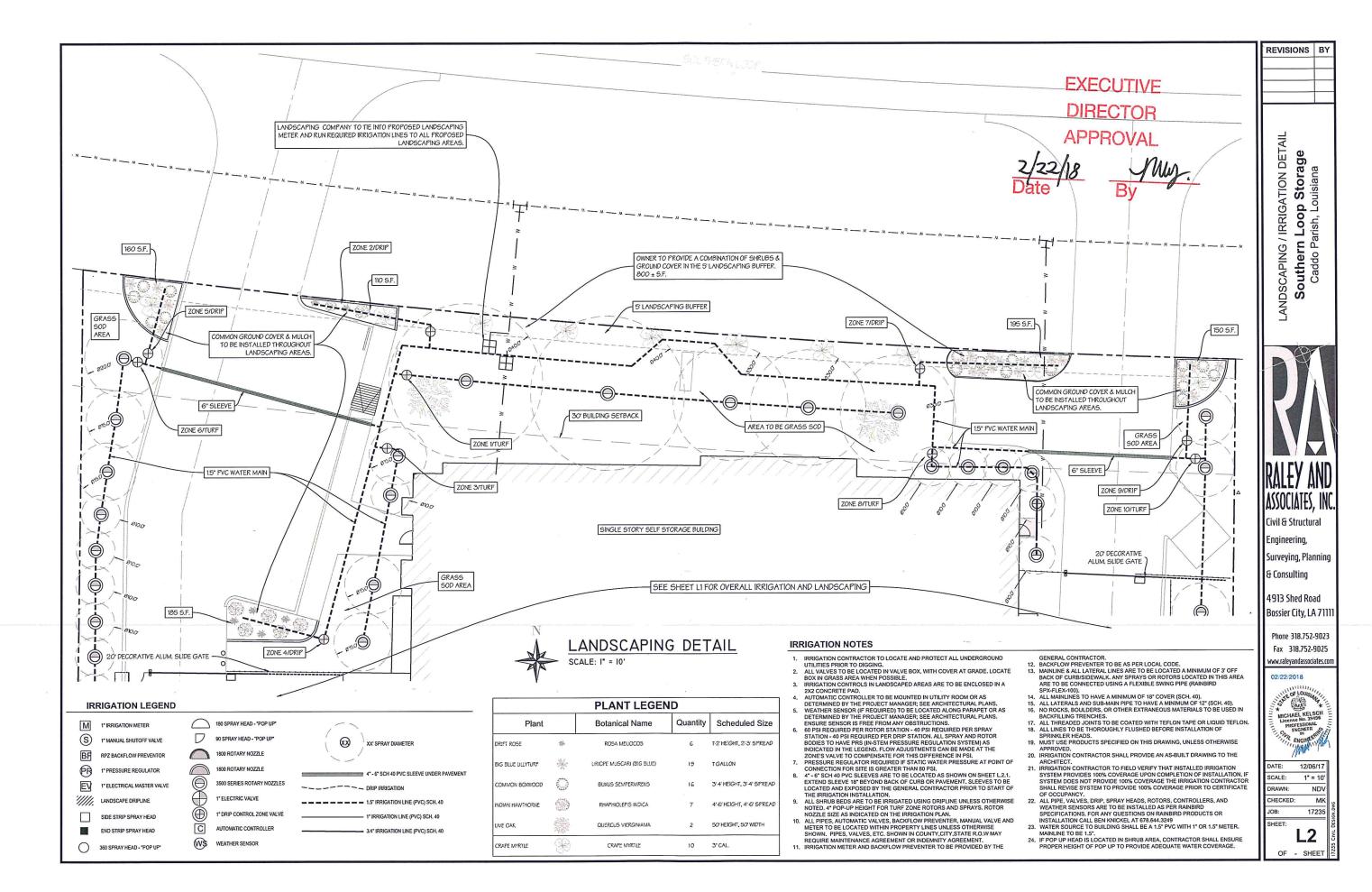
1" PRESSURE REGULATOR 1" ELECTRICAL MASTER VALVE //// LANDSCAPE DRIPLINE

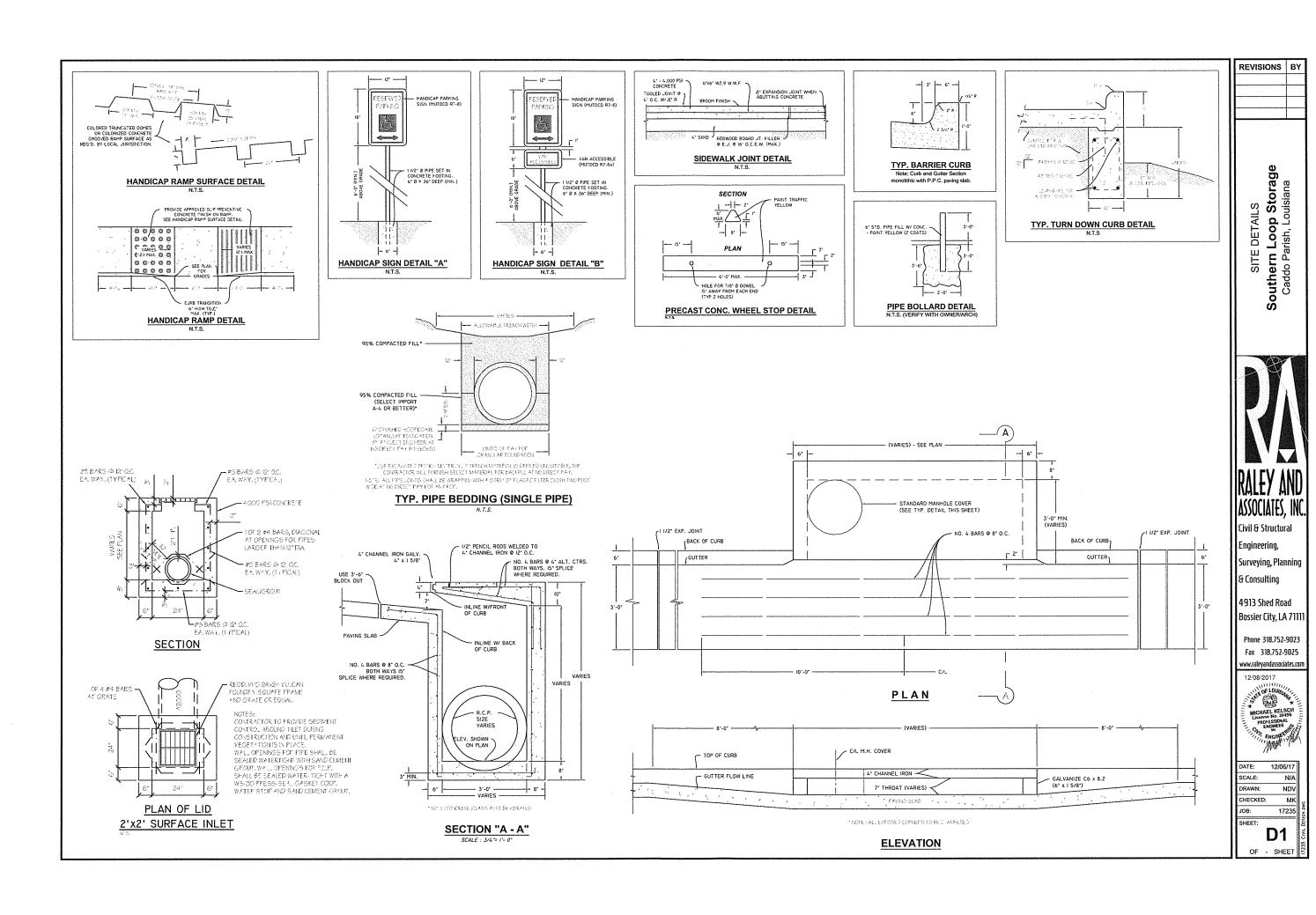
SIDE STRIP SPRAY HEAD END STRIP SPRAY HEAD

360 SPRAY HEAD - "POP UP"



PLANT LEGEND				
Plant		Botanical Name	Quantity	Scheduled Size
DRIFT ROSE	*	ROSA MELIOCOS	6	1-2' HEIGHT, 2-3' SPREAD
BIG BLUE LILLYTURF	*	LIRIOPE MUSCARI (BIG BLUE)	19	T GALLON
COMMON BOXWOOD		BUXUS SEMPERVIRENS	16	3'4' HEIGHT, 3'4' SPREAD
Indian Hawthorne		RHAPHIOLEPIS INDICA	7	4'-6' HEIGHT, 4'-6' SPREAD
LIVE OAK	器	QUERCUS VIERGINIAMA	2	50 HEIGHT, 50' WIDTH
CRAPE MYRTLE	*	CRAPE MYRTLE	10	3° CAL.





STANDARD FOR LAND GRADING

DEFINITION

RESHAPING OF THE EXISTING TOPOGRAPHY IN ACCORDANCE WITH A PLAN AS DETERMINED BY ENGINEERING SURVEYS, DESIGN 8 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 TOPOGRAPHY AND NATURAL SURROUNDINGS AND MAKE EXTREME GRADE MODIFICATIONS UNDECESSARY. THE PLAN IS TO SHOW THE LOCATION SLOPE, CUT, TILL AND PRINSH ELEVATION OF THE SURPACES TO BE GRADED AND THE AUXILIARY PRACTICES FOR SAFE DISPOSAL OF BRADEF WATER, SLOPE STABILIZATION, EROSION CONTROL, AND DRAININGS SULVEL SA 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. INVEGETATED CUT SLOPES SHALL BE PROTECTED BY MECHANICAL TREATHENT TO ROTICET 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 OF 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 OP 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 STABILITY OF FILL AREAS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO THE PLAN. AVIDD UNIXEESSAM REMOVAL OF TREES AND VEGETATION THAT COULD BE LEFT TO EMBANCE 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 SCARFIED 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 POUNDATIONS 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 6 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.
- 8. ALL DISTURBED AREAS SHALL BE LEFT IN A WELL DRAINED, NEAT, AND FINISHED APPEARANCE.

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 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 ONE-HALF ACRE AND THE LENGTH OF SLOPE ABOVE THE DITE AND LESS THAN 100
 FEET. THE FRACTICE HAY ALGO BE USED FOR ALONE, SINGLE FAMILY LOT IF THE SLOPE IS LESS THAN 15 PERCENT. 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 200 FEET.

DESIGN CRITERIA

A DESIGN IS NOT REQUIRED. ALL BALES SHALL BE PLACED ON THE CONTOUR AND SHALL BE EITHER WIRE BOUND OR KYLON STRING TIED. SEE STANDARD CRAWING FOR MAY BALE DIKE FOR DETAILS.

GENERAL NOTES

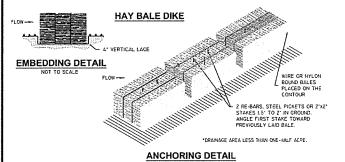
- I. BALES SHALL BE PLACED IN A ROW WITH END TIGHTLY ABUTTING THE ADJACENT BALES.

 2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A HINMEM OF FOUR HICKES, WHERE POSSIBLE.

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

 4. INSPECTION SHALL BE FREQUENT AND REPART OR REPLACEHENT SHALL BE MADE PROMPTLY AS INECED BY CONTRACTOR.

 5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFILINESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR
 DRAINLAGE.
- 6. ACCUMILATED 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.

PURPOSE

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

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

DRAINAGE AREA - SHALL BE LESS THAN 5 ACRES.

- 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 ACCUMULATED TO ONE HALF OF THE DESIGN VOLUME OR I FOOT. WHICH'VER'S IS LEST.
- EMBANKMENT THE EMBANKMENT SHALL HAVE A 3 FOOT TOP WIDTH, SIDE SLOPES OF 71 OR FLATTER.
 AND SHALL NOT EXCED 5 FEET IN HEIGHT AS MEASURED AT THE LOW FOINT OF THE
 ORIGINAL GROUDD LINE, FILL METERIAL SHALL BE FREE OF WOOD VEGETATION, LARGE
 STONES, AND OTHER OBJECTIONABLE MATERIAL, THE EMBANMENT SHALL BE COMPACTED
 IN EIGHT-INCH LAYERS BY TRAVERSHING 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 DURING EXCAVATION OPERATIONS.

OUTLET

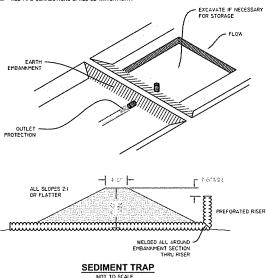
- AREA UNDER EMBANKMENT SHALL BE CLEARED. GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED. RISER DIAMETER SHALL BE ONE SIZE LARGER THEN THE PIET. HE RISER RABLL BE WARPED WITH THREE LAYERS OF 125 MIG. SHICK MON-MOVEN UN RESISTANT FILTER CLOTH. THE PORTION OF THE RISER ABOVE THE PIPE CONNECTIONS SHALL BE THEOROGATED WITH ONE 12-NCH DUMETER MOLE FER AS DOLARE INCHES OF SURFACE AREA. THE RISER CREST SHALL BE 1-1/2 FECT BELOW THE TOP OF THE EMBANKMENT.
- 2. 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	2.0
21	3.0
24	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 VEGETATION. AS WELL AS STONES. ROCKS, ORGANIC MATERIAL, OR OTHER OBJECTIONABLE MATERIAL. THE EMPARAMENT 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 ACCUMALATED TO ONE-MALE THE DESIGN DEPTH OF THE TRAP OR I FOOT, WHICHEVER IS LESS. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN APPROVED AFEA AND IN SUCH A MAINER 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 & 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

DEFINITION

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 ARE. TO INTERCEPT SEDMENT WHILE ALLOWING WATER TO PERCOLATE THROUGH. THIS FENCE SHALL REMAIN IN PLACE UNIT. THE DISTURBED AREA IS PERMANENTLY STABLIZED, SILT FENCE SHALL NOT BE USED WHERE THERE IS A CONCENTRATION OF WATER IN A CHANNEL OR OTHER DRAINAGE WAY.

SILT FENCE SHALL NOT BE CONSTRUCTED OUTSIDE THE PROPERTY LINES WITHOUT CREAINING 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 CUNCES PER SOUARE YARD OR APPROVED JUTE FABRIC OR GEOTEXTILE FABRIC.

SUPPORT - STEEL OR WOOD FENCE POSTS SPACED A MAXIMUM OF 8 FEET APART.
POST SHALL HAVE A MINIMUM LENGTH OF 8 FEET AND BE SET AT LEAST 18
INCH DEEP, WOVEN LIVESTOCK WIRE TO SUPPORT THE HAIRRIAL SHALL BE
AT LEAST 36 INCH HIGH WITH A MAXIMUM MESH OPENING OF 6 INCHES
AND FARRICATED FROM IC 6,66E WIRE OR LARGER.

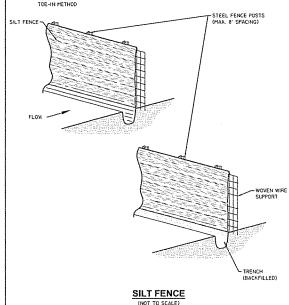
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SILT FENCE SHALL BE PLACED AND CONSTRUCTED IN SUCH A MANER THAT RUNOFF FROM A DISTURBED OR EXPOSED UPLAND AREA SHALL BE INTERCEPTED, SEDIMENT TRAPPED AND THE SURFACE RUNOFF ALLOWED TO PERCOLATE THROUGH THE STRUCTURE.

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

- 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-DICULAR 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.
- . 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.
- 5. 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.
- I. 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.

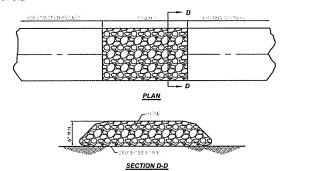
TO BE REMOVED BY CONTRACTOR WHEN PERMANENT EROSION MEASURES ARE DEEMED TO BE EFFECTIVE.



TEMPORARY STONE CONSTRUCTION ENTRANCE

PAY AS 'S - ITEM', TEMPORARY STONE CONSTRUCTION ENTRANCE. NOTES:TEMPORARY STONE CONSTRUCTION ENTRANCE AND/OR WASH RACK A STONE STABILIZED PAO LOCATED AT FOINTS OF VEHICLAR INGRESS AND GENESS ON THE CONSTRUCTION SHE TO REDUCE THE AMOUNT OF HILD TRANSPORTED ONTO PRELIC ROADS. IF THE ACTION OF THE VEHICLE TRANELING OVER THE GRAVEL PAD IS NOT SUFFICIENT TO REMOVE THE WALGRITY OF THE PRIOR. THEN THE TRES 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 ARE:

- 1. 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 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 EGFESS
- 4. A GEOTEXTILE FABRIC UNDERLINER IS REQUIRED. THE GEOTEXTILE FABRIC SHALL BE IN ACCORDANCE WITH SECTION 1019 (TYPE D) OF THE LA DOTD STANDARD SPECIFICATIONS.
- 5. IF A WASH RACK IS NECESSARY, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE I CARRIED OFF-SITE.



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 OR DISTURBED AFEA. A PERIMETER DIKE IS PLACED ALONG THE PERIMETER OF THE DISTURBED AREA OR SITE.

PURPOSE

A DIVERSION DIKE INTERCEPTS STORM FUNDER FROM SMALL UPLAND AREAS AND DIRECTS IT FROM THE EAPOSED SLOPES TO AN ACCEPTABLE OUTLET. AN INTERCEPTION DIRE SHORTERS THE LENGTH OF EXPOSED SLOPES BY INTERCEPTION STORM RUNDER AND DIVERTING IT TO AM ACCEPTABLE OUTLET. A PERMETER DIKE PREVENTS OFFSITE STORM RUNDER FROM ENTERING THE DISTURBED AREA OR PREVENTS SEDIMENT-LADEN WATER FROM LEAVING THE DISTURBED AREA.

CONDITIONS WHERE PRACTICE APPLIES

DIKES ARE CONSTRUCTED 10JACENT 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.

DESIGN CRITERIA

DIKES SHALL NOT BE CONSTRUCTED OR DISCHARGED OUTSIDE THE PROPERTY LINES WITHOUT OBTAINING EASEMENTS FROM THE AFFECTED PROPERTY OWNERS. A DETAILED DESIGN IS NOT FEROMED 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 RE IB INCHES MINIMUM HEIGHT MEASURED FROM GROUND AT UPSLOPE TOE TO TOP OF THE

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 I.0 PERCENT. STABILIZATION - WHERE SLOPE OF CHANNEL (FLOW AREA) IS: 1% - 5% - STABILIZATION MAY BE REQURRED 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.

OUTLET

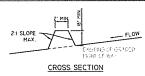
I. RUNOFF FROM A PROTECTED OR STABILIZED AREA SHALL OUTLET DIRECTLY ONTO AND URDISTURBED STABILIZED AREA OR INTO A LEVEL SPREADER (SEE STANDARDS FOR LEVEL SPREADER) OR GRADE STABILIZATION STRUCTURE (SEE STANDARDS FOR GRADE STABILIZATION STRUCTURE).

2. STRUCTURE THAT WILL CONTROL THE PLNOFF 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.

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

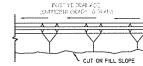


--- UPSLOPE TOE

PLAN VIEW

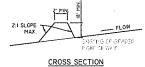
PERIMETER DIKE (NOT TO SCALE)

2:1 SLOPE HAX. 2: NIP RAP (F REO D.) - CUT OR FILL SLOPE CROSS SECTION



DIVERSION DIKE (NOT TO SCALE)

PLAN VIEW



PROPERTY LINE LIMITS OF ROW -OR LIMITS OF WORK COUTLET ONTO STABILIZED AREA OR INTO SIDEMENT TRAPPING DEVICE, AS REGIL

> PLAN VIEW INTERCEPTOR DIKE

REVISIONS BY

DETAILS rn Loop Storage Parish, Louisiana CONTROL outher Caddo I EROSION Ś

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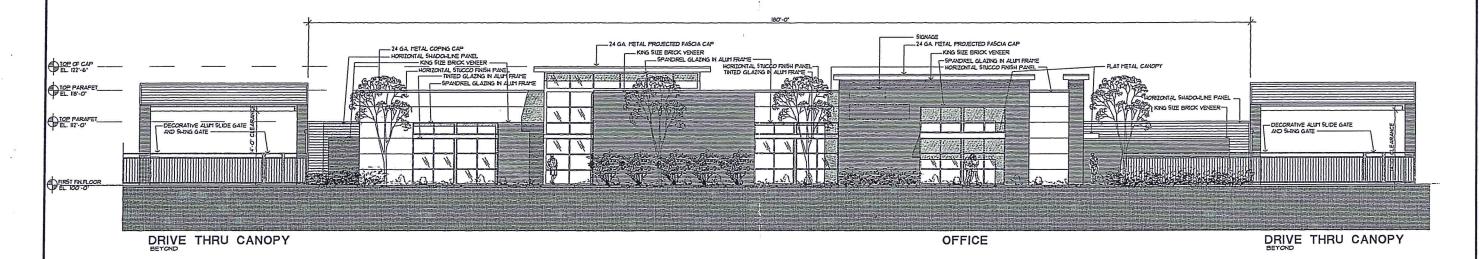
Phone 318.752-9023 Fax 318.752-9025 www.ralevandassociates.co



DATE: 12/06/17 SCALE: DRAWN: ND/ CHECKED: 17235 JOB: SHEET

D2

OF - SHEET



STREET FRONTAGE ELEVATION

NORTH ELEVATION FROM SOUTHERN LOOP

SCALE 1/8'-1'-0'

EXECUTIVE DIRECTOR APPROVAL



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ARCHITECTURE
12371 E LINCOLN CT
WICHITA,KS 67207
1316 618-0448
(316) 618-048 Iax skaulmanijicov nei

PROPOSED

CLIMATE CONTROLLED SELF STORAGE

SOUTHERN LOOP SHREVEPORT, LA

ISSUE SUBMITTAL

DATE SHEET NUMBER

SHEET TITLE

A1

