3. NO GRADE SHALL EXCEED 3:1 SLOPE.

4. ALL SLOPES TO BE STABILIZED IMMEDIATELY AFTER GRADING.

5. ALL UTILITIES SERVING SITE ARE UNDERGROUND.

6. ALL OUTSIDE TRASH CONTAINERS, HVAC UNITS, ELECTRIC, TELEPHONE AND GAS METERS, SATELLITE DISHES, AND ROOFTOP MECHANICAL APPARATUS SHALL BE THOROUGHLY SCREENED WITH MATERIALS AND/OR LANDSCAPING TO CONCEAL THE VISIBILITY OF SUCH ITEMS FROM THE VIEW OF RIGHTS-OF-WAY AND/OR ADJACENT PROPERTIES AS REVIEWED AND APPROVED BY THE PLANNING DIVISIÓN. ROOF PARAPET WALLS SHALL BE AT LEAST AS TALL AS THE TALLEST ROOFTOP UNIT.

7. ALL CONSTRUCTION AND MATERIALS USED SHALL CONFORM TO CURRENT CITY OF O'FALLON STANDARDS.

8. SEE ARCHITECTURAL DRAWINGS FOR ALL BUILDING DIMENSIONS

AND DETAILS. 9. BUILDING HEIGHT = 38'-11"

10. SITE CALCULATIONS:

TOTAL SITE = 5.24 ACRES± OR 228,392 S.F. (100%) SIZE BLDG.-S.F.(%) PAVEMENT-SF(%) GREEN-SF(%) LOT 3: 228,392 S.F. 54,000 (23.6%) 144,028 (63.1%) 30,364 (13.3%)

11. PARKING CALCULATIONS (BASED ON CLASSIFICATION "RETAIL SHOPS")

10 SPACES PER FIRST 2,000 S.F. 1 SPACE PER EACH ADDITIONAL 400 S.F. REQUIRED: $10 + \{(54,000-2,000)/400\} = 140$ PROVIDED: 215

12. FEMA MAP 29183C0239 E DATED 8/2/96 ZONE "X" (OUTSIDE 500 YR. FLOODPLAIN).

13. ALL SIGN LOCATIONS & SIZES SHALL BE APPROVED SEPARATELY THROUGH THE PLANNING DIVISION.

14. ALL TRASH ENCLOSURES SHALL CONSIST OF 6' HIGH SOLID WALL W/ SIGHT PROOF VINYL GATE. WALLS SHALL BE CONSISTENT W/ ARCHITECTURAL THEME OF BUILDING. GATE COLOR SHALL MATCH BUILDING.

15. BICYCLE PARKING RACKS SHALL BE SECURELY ANCHORED TO THE GROUND AND BE OF VANDAL-RESISTANT CONSTRUCTION. 1 BIKE SPACE PER 15 PARKING SPACES: 215 / 15 = 15 REQ'D.; 16 PROVIDED

16. TREE PRESERVATION CALCULATIONS: SEE LANDSCAPE PLAN 17. PARKING LOT LANDSCAPE CALCULATIONS: 215 SPACES (x) 270 s.f. = 58,050 s.f.

58.050 (x) 6% = 3,483 s.f. REQ.PROVIDED = 5,442 s.f.18. OWNER: B & S PROPERTIES (UNDER CONTRACT)

310 SOUTH FILLMORE AVENUE ST. LOUIS, MISSOURI 63122 PHONE: (314) 965-3525, EXT. 1203 FAX: (314) 821-7978

19. NO OUTDOOR DISPLAY OF MATERIALS OR PRODUCTS, TEMPORARY OR OTHERWISE, SHALL OCCUR BEYOND THE AREA BETWEEN THE FRONT OF THE BUILDING AND THE DRIVEWAY AISLE. NO SUCH MATERIALS SHALL BE ATTACHED OR AFFIXED TO ANY EXTERIOR WALL. 20. ALL SIDEWALK, CURB RAMPS, RAMP AND ACCESSIBLE PARKING SPACES

SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT APPROVED "AMERICAN WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES" (ADAAG) ALONG WITH THE REQUIRED GRADES, CONSTRUCTION MATERIALS, SPECIFICATIONS AND SIGNAGE. IF ANY CONFLICT EXISTS BETWEEN THE ABOVE INFORMATION AND THE PLANS, THE ADAAG GUIDELINES SHALL TAKE PRECEDENCE AND THE CONTRACTOR PRIOR TO ANY CONSTRUCTION SHALL NOTIFY THE PROJECT ENGINEER.

CONSTRUCTION WITHIN THE CITY OF O'FALLON RIGHT OF WAY SHALL COMPLY WITH T. CHARLES COUNTY PAVING SPECIFICATIONS EXCEPT AS MODIFIED BY CITY OF

22. REINFORCED CONCRETE PIPE SHALL BE CLASS III. ALL STORM DRAIN PIPE SHALL HAVE GASKETED JOINTS CONFORMING TO ASTM F-477.

23. STORMWATER DETENTION IS REQUIRED AND SHALL BE ACCOMMODATED VIA THE DETENTION SYSTEM ON IBT PROPERTY TO THE WEST OF LOT 3.

24. MINIMUM SETBACKS PER C2-ZONING ARE AS FOLLOWS: FRONT YARD (ALONG HWY K) = 25 FEET SIDE YARD (SOUTH) = 25 FEET SIDE YARD (NORTH) = NO SETBACK REAR YARD = NO SETBACK

25. DEVELOPER MUST SUPPLY CITY CONSTRUCTION INSPECTORS WITH SOIL REPORTS

PRIOR TO OR DURING SITE SOIL TESTING. 26. ALL FILL PLACED UNDER PROPOSED STORM AND SANITARY SEWER, PROPOSED ROADS,

AND/OR PAVED AREAS SHALL BE COMPACTED TO 90 % OF MAXIMUM DENSITY AS DETÉRMINED BY THE MODIFIED AASHTO T-180 COMPACTION TEST OR 95 % OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99. ALL FILLED PLACED IN PROPOSED ROADS SHALL BE COMPACTED FROM THE BOTTOM OF THE FILL UP. ALL TESTS SHALL BE VERIFIED BY A SOILS ENGINEER CONCURRENT WITH GRADING AND BACKFILLING OPERATIONS. ENSURE THE MOISTURE CONTENT OF THE SOIL IN FILL AREAS IS TO CORRESPOND TO THE COMPACTIVE EFFORT AS DEFINED BY THE STANDARD OR MODIFIED PROCTOR TEST. OPTIMUM MOISTURE CONTENT SHALL BE DETERMINED USING THE SAME TEST THAT WAS USED FOR COMPACTION. SOIL COMPACTION CURVES SHALL BE SUBMITTED TO THE CITY OF O'FALLON PRIOR TO THE PLACEMENT OF FILL. PROOF ROLLING MAY BE REQUIRED TO VERIFY SOIL STABILITY AT THE DISCRETION OF THE CITY OF O'FALLON.

27. BRICK SHALL NOT BE USED IN THE CONSTRUCTION OF STORM OR SANITARY SEWER STRUCTURES. 28. A CONCRETE CRADLE FOR RCP AND ENCASEMENT FOR HDPE WILL BE REQUIRED FOR ALL STORM SEWER LINES WHEN CROSSING MORE THAN THREE FEET ABOVE SANITARY

29. LIGHTING VALUES WILL BE REVIEWED ON SITE PRIOR TO THE FINAL OCCUPANCY INSPECTION. CORRECTIONS WILL NEED TO BE MADE IF NOT IN COMPLIANCE WITH CITY

30. ALL PROPOSED FENCING REQUIRES A SEPARATE PERMIT THROUGH THE PLANNING DIVISION.

31. ALL SIGN POSTS AND BACKS AND BRACKET ARMS SHALL BE PAINTED BLACK USING CARBOLINE RUSTBOND PENETRATING SEALER SG AND CARBOLINE 133 HB PAINT (OR EQUIVALENT AS APPROVED BY CITY AND MODOT). SIGNS DESIGNATING STREET NAME SHALL BE ON THE OPPOSITE SIDE OF THE STREET FROM TRAFFIC CONTROL SIGNS.

32. STORM DRAIN PIPE SHALL BE HDPE PIPE CONFORMING TO AASHTO M252 TYPE S OR M294 TYPE S WITH INTEGRAL BELL AND SPIGOT JOINTS AND ELASTOMERIC GASKETS. GASKETS SHALL CONFORM TO ASTM F477.

Flow

S/1/2 8

33. INSTALLATION OF WATER SERVICE SHALL MEET THE SPECIFICATIONS OF THE ST. CHARLES COUNTY WATER SUPPLY DISTRICT NO. 2

SECTION B-B

Tee Post w/spade base

Existing ground

EXISTING GROUND

SECTION A-A

6 6 6 6 6 6 6 6

PLAN VIEW

SECTION B-B

SILTATION CONTROL

HAY BALE DETAIL

(n.t.s.)

SHEET FLOW

SILTATION NOTES

Installation of perimeter sediment control shall be implemented as the first step of grading and within seven (7) days of grubbing

Inspection of siltation control devices shall take place once every seven days and within 24 hours of any 0.5"/24 hour rain event. Any siltation control in need of repair shall occur immediately.

3. All unworked disturbed areas shall be stabilized with seeding and mulching per specifications within 14 days. If seasonal conditions prohibit seeding, mulching or matting shall be used.

4. All slopes or drainage channels, once constructed to final grade, shall be seeded and mulched per specifications within seven (7) days.

5. Silt fences shall be installed immediately around each storm

sewer structure once final construction of each individual

structure is complete. All siltation control devices shall remain in place until

upslope areas have been permanently stabilized.

7. The Contractor shall assume complete responsibility for controlling all siltation and erosion of the project area. The Contractor shall use whatever means necessary to control erosion and siltation including, but not limited to, staked straw bales and/or siltation fabric fences 5. (possible methods of control are detailed in the plan). Control shall commence with grading and be maintained throughout the project until acceptance of the work by the Owner and/or the City of O'Fallon and/or MoDOT. The Contractor's responsibilities include all design and implementation as required to prevent erosion and the depositing of silt. The Owner and/or the City of O'Fallon and/or MoDOT may at their option direct the Contractor in his methods as deemed fit to protect property and improvements. Any depositing of silts or mud on new or existing pavement or in new or existing storm sewers or swales shall be removed after each rain and affected areas cleaned to the satisfaction of the Owner and/or the City of O'Fallon and/or

8. Erosion control shall not be limited to what is shown on the plan. Whatever means necessary shall be taken to prevent siltation and erosion from entering natural streams and adjacent roadways, properties, and ditches.

9. When deemed necessary, positive steps should be exercised to prevent this soil from damaging adjacent property and silting up all storm drainage systems whether on or off site.

10. Rip rap shown at flared ends will be evaluated in the field after installation for effectiveness and field modified if neccessary to reduce erosion on and off site.

Siltation Control Schedule Implementation 1. Perimeter siltation control and construction entrances to be installed.

2. Begin placing aggregate base in parking areas once area has reached final grade to prevent erosion.

3. Place silt fence around each storm sewer structure as it is completed. 4. Immediately seed areas upon reaching final grade that are to

be permanently seeded. Temporary Access Roads and Parking Areas Specifications

1. Temporary roads shall follow the contour of the natural terrain to the extent possible. Slopes should not exceed 10

2. Grades should be sufficient to provide drainage, but should not exceed 10 percent.

Roadbeds shall be at least 24 feet wide.

4. All cuts and fills shall be 3:1 or flatter to the extent

6. The roadbed or parking surface shall be cleared of all

5. Drainage ditches shall be provided as needed.

vegetation, roots and other objectionable material. 7. A 10-inch course of 2" MINUS aggregate shall be applied immediately after grading or the completion of utility installation within the right-of-way. Filter fabric may be applied to the roadbed for additional stability in accordance

with fabric manufacturer's specifications. Vegetation

All roadside ditches, cuts, fills and disturbed areas adjacent to parking areas and roads shall be stabilized with appropriate temporary or permanent vegetation according to the applicable standards and specifications.

Maintenance

Both temporary and permanent roads and parking areas may require periodic top dressing with new gravel. Seeded areas adjacent to the roads and parking areas should be checked periodically to ensure that a vigorous stand of vegetation is maintained. Roadside ditches and other drainage structures should be checked regularly to ensure that they do not become clogged with silt or other

All erosion control systems shall be inspected and necessary corrections made within 24 hours of any rainstorm resulting in 1/2 inch of rain

Sheet Flow Applications

Straw Bale Siltation Control Specifications

1. Bales shall be placed in a single row, lengthwise on the contour, with both ends of adjacent bales tightly abutting one

2. All bales shall be either wire-bound or string-tied. Straw bales shall be installed so that buildings are oriented around the sides rather than along the tops and bottoms of the bales (in order to prevent deterioration of the bindings). See

3. The barrier shall be entrenched and backfilled. A trench shall be excavated the width of a bale and the length of the proposed barrier to a minimum depth of 4 inches. After the bales are staked and chinked, the excavated soil shall be backfilled against the barrier. Backfill soil shall conform to the ground level on the downhill and shall be built up to 4 inches against the uphill side of the barrier (See detail this sheet).

4. Each bale shall be securely anchored by at least two stakes or rebars driven through the bale. The first stake in each bale shall be driven toward the previously laid bale to force the bales together. Stakes or rebars shall be driven deep enough into the ground to securely anchor the bales.

The gaps between bales shall be chinked (filled by wedging) with straw to prevent water from escaping between the bales. (Loose straw scattered over the area immediately uphill from a straw bale barrier tends to increase barrier efficiency).

6. Inspection shall be frequent and repair or replacement shall be made promptly as needed. 7. Straw bale barriers shall be removed when they have served

their usefulness, but not before the upslope areas have been permanently stabilized.

Channel Flow Applications

1. Bales shall be placed in a single row, lengthwise, oriented perpendicular to the contour, with ends of adjacent bales tightly abutting one another.

The remaining steps for installing a straw bale barrier for sheet flow applications apply here, with the following

3. The barrier shall be extended to such a length that the bottoms of the end bales are higher in elevation than the top of the lowest middle bale (see detail) to assure that sediment laden runoff will flow either through or over the barrier but not around it.

Maintenance

1. Straw bale barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall.

2. Close attention shall be paid to the repair of damaged fence, end runs and undercutting beneath fence.

3. Necessary repairs to barriers or replacement of silt fence shall be accomplished promptly.

Sediment deposits should be removed after each rainfall. They must be removed when the level of deposition reaches approximately one-half the height of the barrier.

Any sediment deposits remaining in place after the straw bale barrier is no longer required shall be dressed to conform to the existing grade, prepared and seeded.

Silt Fence Specifications 1. Silt Fence to be woven geotextile fabric Mirafi 100X or equal.

Fabric to be supported by metal tee post with spade base spaced on 5' centers with $6 \times 6/10 \times 10$ gage welded wire fence. See detail this sheet.

excavated a minimum of 6 inches deep for the length of the fence. The excavated soil shall be backfilled against the fence. See detail this sheet.

Fabric shall be entrenched and backfilled. A trench shall be

4. Fence height shall be a minimum of 4 feet in height, with the fabric installed on the fence on the upstream side.

Silt fences shall be used only on sheet flow conditions.

Silt fences shall be installed around all storm sewer structures.

Maintenance

1. Silt fence barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall.

Close attention shall be paid to the repair of damaged bales, end runs and undercutting beneath bales.

the existing grade, prepared and seeded.

WEDGE LOOSE STRAW

BETWEEN BALES (TYP)

Necessary repairs to barriers or replacement of bales shall be accomplished promptly.

Sediment deposits should be removed after each rainfall. They

must be removed when the level of deposition reaches approximately one-half the height of the barrier. Any sediment deposits remaining in place after the silt fence barrier is no longer required shall be dressed to conform to

THE ENGINEER HAS CALCULATED THE ABOVE QUANTITIES OF EARTHWORK TO BE THE QUANTITIES ESTIMATED FOR EACH OF THE IMPROVEMENT ITEMS LISTED ABOVE ARE BASED UPON THE HORIZONTAL AND VERTICAL LOCATION OF THE IMPROVEMENTS AS PROPOSED ON THE SITE ENGINEERING PLANS PREPARED BY

EARTHWORK NOTES

BULK CUT= XXX ± CUBIC YARDS BULK FILL= XXX _ ± CUBIC YARDS (INCLUDES 15% SHRINKAGE) 10" BUILDING SUBGRADE 11" FOR ALL PVMT. AREAS

THE ABOVE QUANTITIES DO NOT INCLUDE TOPSOIL MATERIAL

NOTE: POINTS "A" TO BE HIGHER

SILTATION CONTROL

HAY BALE DETAIL

IN DRAINAGE WAY

15% SHRINKAGE FACTOR FOR FILL

CITY OF O'FALLON SEWER CONSTRUCTION NOTES

1. Underground utilities have been plotted from available information and therefore location shall be considered approximate only. The verification of the location of all underground utilities, either shown or not shown on these plans, shall be the responsibility of the contractor and shall be located prior to any grading or construction of improvements.

2. Gas, water and other underground utilities shall not conflict with the depth or horizontal location of existing or proposed sanitary and storm sewers, including house laterals.

3. All existing site improvements disturbed, damaged or destroyed shall be repaired or replaced to closely match preconstruction conditions.

4. All fill including places under proposed storm and sanitary sewer lines and paved areas including trench backfills within and off the road right-of-way shall be compacted to 90 percent of maximum density as determined by the "Modified AASHTO T-180 Compaction Test (ASTM D1557)". All tests shall be verified by a Soils Engineer concurrent with grading and backfilling operations. The compacted fill shall be free of rutting and shall be non-yielding and non-pumping during proofrolling and compaction.

5. The contractor shall prevent all storm, surface water, mud and construction debris from entering the existing sanitary sewer

6. All sanitary sewer flowlines and tops built without elevations furnished by the engineer will be the responsibility of the sewer contractor.

7. Easements shall be provided for all sanitary sewers, storm sewers and all utilities on the record plat.

8. All construction and materials shall conform to the current construction standards of the City of O'Fallon.

9. The City of O'Fallon shall be notified at least 48 hours prior to construction for coordination of

10. All sanitary sewer building connections shall be designed so that the minimum vertical distance from the low point of the basement to the flowline of a sanitary sewer at the corresponding building connection shall not be less than the diameter of the pipe plus the vertical distance of 2-1/2 feet.

11. All sanitary sewer manholes shall be waterproofed on the exterior in accordance with Missouri Dept. of Natural Resources specification 10 CSR-8.120(7)(E).

12. All PVC sanitary sewer pipe shall conform to the requirements of ASTM D-3034 Standard Specification for PSM Polyvinyl Chloride Sewer Pipe, SDR-35 or equal, with "clean" 1/2 inch to 1 inch granular stone bedding uniformly graded. This bedding shall extend from 4 inches below the pipe to springline of pipe. Immediate backfill over pipe shall consist of same size "clean" or "minus" stone from springline of pipe to 12 inches above the

13. All sanitary and storm sewer trench backfills shall be per ASTM D2321, except jetting will not be permitted. Granular backfill will be used under pavement areas.

14. All pipes shall have positive drainage through manholes. No flat invert structures are allowed.

15. All creek crossings shall be grouted rip—rap as directed by City inspectors. (All grout shall be high slump ready—mix

16. Brick shall not be used on sanitary sewer manholes.

17. Existing sanitary sewer service shall not be interrupted. 18. Maintain access to existing residential driveways and

19. Pre-manufactured adapters shall be used at all PVC to DIP connections. Rubber boot / Mission—type couplings will not be

20. Any permits, licenses, easements, or approvals required to work on public or private properties or roadways are the responsibility of the developer.

21. 'Type N' Lock-Type Cover and Locking Device (Lock-Lug) shall be used where lock—type covers are required.

VEGETATION ESTABLISHMENT

TILLAGE PERPARATIONS *TILL TOP 4" OF SOIL

FERTILIZER * PER SOIL TEST OR FOLLOWING TABLE:

LBS./1,000 S.F. K LIME TEMPORARY SEEDING 0.7 0.7 0.7 14 ENM+ PERMANENT 1.0 1.4 1.4 14 ENM+

SEEDING RATES **TEMPORARY**

SEEDING PERIODS

WHEAT/RYE

WHEAT OR RYE 150 LBS. / ACRE PERMANENT 150 LBS. / ACRE **FESCUES** 6 LBS / 1000 S.F. KENTUCKY BLUEGRASS/ 8 LBS / 1000 S.F. PERENNIAL RYEGRASS FINE FESCUE

MARCH 1 - JUNE LISTED LEGUMES/GRASSES AUGUST 1 - OCTOBER 1 MARCH 15 - NOVEMBER 1

P&Z NOS: 98-126.03

OF MISS"

GEORGE

MICHAEL

STOCK

98-126.04

,5/05/0

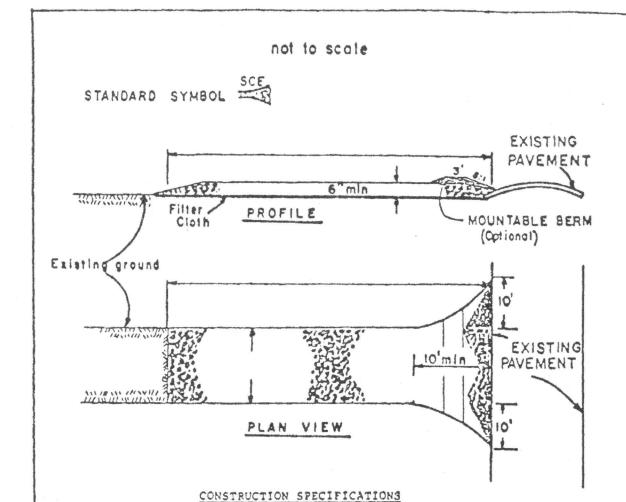
+ SOIL TEST RESULTS TAKE PRECEDENCE, DUE TO HIGHLY VARIBALE SOIL pH.

REGARDED AS AN ESTIMATE OF THE BULK MOVEMENT OR REDISTRIBUTION OF SOILS ON THIS PROJECT. AS AN ESTIMATE, THESE QUANTITIES ARE INTENDED FOR GENERAL USE, AND THE ENGINEER ASSUMES NO LIABILITY FOR COST OVERRUNS DUE TO EXCESS EXCAVATED MATERIALS OR SHORTAGES OF

THE ENGINEER'S EARTHWORK ESTIMATE DOES NOT INCLUDE ANY OF THE FOLLOWING ITEMS REQUIRING EARTHWORK THAT MAY BE NECESSARY FOR COMPLETION OF THE PROJECT: MISCELLANEOUS UNDERGROUND CONDUITS. INCLUDING SEWER LINES AND WATER MAINS; STANDARD MANHOLES; PROCESS OR TRANSFER PIPING; ELECTRICAL OR TELEPHONE CONDUITS; BASES FOR LIGHT STANDARDS; BUILDING FOOTINGS AND FOUNDATIONS, ETC.

STOCK AND ASSOCIATES CONSULTING ENGINEERS.

THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACTUAL SIZE OF THE FIELD EXCAVATIONS MADE FOR THE INSTALLATION OF UNDERGROUND STRUCTURES, AND AS SUCH, THE ACTUAL QUANTITIES OF EARTHWORK FROM SUCH ITEMS MAY VARY FROM THE ESTIMATE SHOWN ABOVE.



1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent. 2. Length - As required, but not less than 50 feet (except on a single resi-

dence lot where a 30 foot minimum length would apply). 3. Thickness - Not less than six (6) inches.

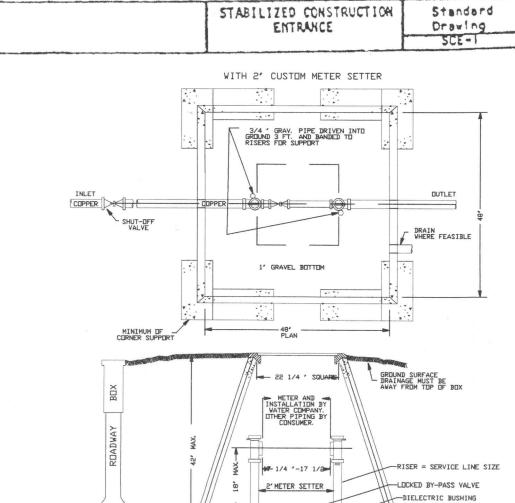
4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.

5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot. 6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical,

a mountable berm with 5:1 slopes will be permitted. 7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must

be removed immediately. 8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping

9. Periodic inspection and needed maintenance shall be provided after each rain.



 LIDS AND FRAMES OF OPENING TO BE SET IN PLACE
NOT IN CONCRETE
 METER SETTER MUST BE STAKED AND BANDED ON EACH
END TO PROVIDE ADEQUATE SUPPORT SERVICE TO BE RUN AT RIGHT ANGLES FROM METER HIX TO STREET, AND NOT OVER 42' BELOW FINISHED RADE OF METER BOX 4. BUX MAY BE CONSTRUCTED SQUARE, 4'X4' AND 3 1/2' IN HEIGHT (INSIDE DIMENSIONS) OF CONCRETE HAVING OPENING CENTERED OVER METER.

. METER BOX TO BE LOCATED IN AREA OTHER THAN TRAFFICWAY AND WHERE SURFACE WATER WILL NOT DRAIN INTO IT STANDARD PRECAST TRAPEZDIDAL SIDES AVAILABLE 7. SHUT-DFF VALVE TO BE LOCATED AS NEAR TO BOX AS PRACTICAL.

8. COPPER MUST EXTEND A MIN. OF 6' FROM OUTLET SIDE OF BOX.

9. TAPS WILL NOT BE MADE BEFORE METER PIT AND PIPING ARE COMPLETE AND PROPERTY LINE VALVE INSTALLED, UNLESS APPROVED BY CUSTOMER SERVICE SUPERINTENDENT.

METER BOX FOR 1 1/2 " COMMERCIAL SERVICE & ALL 2" RESIDENTIAL & COMMERCIAL SERVICES

ERRA RETAIL DEVELOPMENT/ASHLEY FURNITURE

DETAIL IS SUBJECT TO ST. CHARLES WATER No. 2 APPROVAL. 11 05/20/05 REVISED PER CITY COMMENT LETTER DATED 4-11-05

10 04/29/05 REVISED WATER LINE PER PWSD NO. 2 COMMENTS 9 04/26/05 REVISED FOR MoDOT COMMENTS 8 04-21-05 REVISED WATER LINE CONNECTION

04-15-05 REVISED SANITARY SEWER

6 04-12-05 REVISED SANITARY SEWER-EX. WATER LINE CONFLICT 5 04-07-05 REVISED SANITARY SEWER PER AS-BUILT CONDITIONS

02-15-05 REVISED SANITARY PROFILE-SHOWED EX. STORM CROSSING 3 01-20-05 REVISED PER MODOT'S COMMENTS/RAISED SITE

12-16-04 REVISED PER ST. CHARLES COUNTY WATER NO. 2 COMMENTS 11-24-04 REVISED PER CITY COMMENT LETTER DATED 11-15-04 SPECIFICATIONS

FAX (636) 530-9130 e-mail: general@stockassoc.com Web: www.stockassoc.com

St. Louis, MO 63005

PH. (636) 530-9100

257 Chesterfield Business Parkway

10/20/04

NUMBER THE ENGINEER ASSUMES NO RESPONSIBILITY FOR COSTS INCURRED DUE TO E-25116 UNSUITABLE MATERIAL WHICH MUST BE REMOVED FROM SITE. THE ABOVE QUANTITIES ARE AN ESTIMATE AND SHOULD BE CONSIDERED AS SUCH. IT IS THE GRADING CONTRACTOR'S RESPONSIBILITY TO PREPARE A QUANTITY TAKEOFF AND NOTE ANY DISCREPANCIES TO THE ENGINEER. EORGÉ M. STOCK E—25116

PLAN (WOVEN) / II Cut 6"x6" trench 6" and place fabric in ditch and backfill SECTION A-A SILTATION CONTRO GENERAL NOTES: . Do not scale drawing. Follow Dimensions Siltation Control Devices to remain in place until adequate vegetative growth insures no further erosion of the soil. Siltation Fences shall be inspected periodically for damage and for the amount of sedimentation which has accumulated. Removal of sediment will be required when it reaches 1/2 of th height of the siltation fence. Straw Bales shall be inspected periodically for deterioration. Bales which have rolled or failed shall be replaced. Attachment of Geotextile Fabric to be in accordance with the manufacturer's