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EROSION CONTROL PHASE



MILBURN CIVIL ENGINEERING, LLC 33135 W 83RD ST DE SOTO, KS 66018 913-583-0367



EROSION 33 DE

DATE
DESIGNED BY
CHECKED BY

COVER SHEET

C100

ANDERSON ESTATES NE 1/4 **EROSION CONTROL PLANS** 33475 W 85TH ST SE 1/4 **DE SOTO, KS 66018** VICINITY MAP SEC. 28-12-22 N.T.S.

UTILITY CONTACTS

<u>ELECTRIC</u> EVERGY

CONTACT MATT ROECKER (913)667-5116

PROJECT LOCATION

SW 1/4

ATMOS ENERGY

P.O BOX 650205 DALLAS, TEXAS 75265-0205 (888) 286-6700

CITY OF DE SOTO 32905 W. 84TH STREET DE SOTO, KS 66018 (913) 238-0434

<u>WATER</u> CITY OF DE SOTO 32905 W. 84TH STREET DE SOTO, KS 66018 (913) 238-0434

STORMWATER CITY OF DE SOTO 32905 W. 84TH STREET DE SOTO, KS 66018 (913) 238-0434

CABLE/COMMUNICATIONS SPECTRUM CABLE

6921 W. 119TH STREET (855) 707-7328 ZOOM FIBER

<u>CLEARWA VE FIBER</u> (913) 586-8008

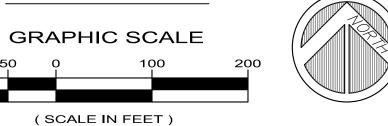
(913) 583-0050

LEGAL DESCRIPTION

A tract of land being part of the Southeast Quarter of Section 28, Township 12 South, Range 22 East, in Johnson County, Kansas, being more particularly described as follows: Beginning at the Northeast corner of Lot 1, Medical Plaza Final Plat, a recorded subdivision in Book 79, Page 31 in the Johnson County recorder of deeds; Thence South 86°04'16" West, 235.56 feet along the North line of said subdivision, to the East line of Wyvoff View, a subdivision recorded in Book 28, Page 23, at the Johnson County Recorder of Deeds office; Thence North 01°49'13" East, 438.75 feet along said East line, to the South Right of Way line of West 85th St, as now established; Thence North 88°07'17" East, along said Right of Way, 171.64 feet; Thence South 01°49'17" East, 100.00 feet; Thence North 88°07'17" East, 172.75 feet; Thence South 01°49'17" East, 200 feet; Thence South 88°07'17" West, 62.50 feet; Thence South 01°49'17" East, 102.00'; Thence South 88°07'17" West, 46.49 feet; Thence South 01°49'17" East, 28.32 feet, to the Point of Beginning. Contains 1,222,454 square feet or 2.84 acres more or less.



LOCATION MAP



ANDERSON GROUP LLC 9152 SHOREWOOD DR DE SOTO, KS 66018

DEVELOPER

OWNER

PRAIRIE FIELD DEVELOPMENT CO LLC 26035 W 73RD ST SHAWNEE. KS 66227

CIVIL ENGINEER

MILBURN CIVIL ENGINEERING, LLC 33135 W. 83RD ST DE SOTO, KS 66018

PLANS PREPARED AND SUBMITTED BY:

JUSTIN MILBURN, KANSAS PE #18836

APPROVED BY: CITY OF DE SOTO, KANSAS

JOE JOHNSON CITY ENGINEER, DE SOTO, KANSAS APPROVED FROM ONE YEAR FROM THIS DATE

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EROSION AND SEDIMENT CONTROL GENERAL NOTES

- PRIOR TO LAND DISTURBANCE ACTIVITIES: 1.1. THE CONTRACTOR SHALL DELINEATE THE OUTER LIMITS OF ANY NATURAL STREAM CORRIDOR DESIGNATED WITH CONSTRUCTION
- 1.2. CONSTRUCT A STABILIZED ENTRANCE/PARKING/DELIVERY AREA. 1.3. INSTALL PERIMETER CONTROLS AND REQUEST THE INSPECTION OF THE PRE-CONSTRUCTION EROSION AND SEDIMENT CONTROL MEASURES DESIGNATED ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN. LAND DISTURBANCE WORK SHALL NOT PROCEED UNTIL THERE IS A SATISFACTORY INSPECTION
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE KANSAS WATER POLLUTION CONTROL AND NPDES STORMWATER RUNOFF FROM CONSTRUCTION SITES GENERAL PERMIT, KC-APWA SPECIFICATIONS 2150 INCLUDING BUT NOT LIMITED TO: 2.1. THE CONTRACTOR SHALL STABILIZE DISTURBED AREAS WITH MULCH OR SIMILAR WITH SEEDING, AND COMPLETE STABILIZING
- WITHIN 14 DAYS. 2.2. THE CONTRACTOR SHALL PERFORM INSPECTIONS OF EROSION AND SEDIMENT CONTROL MEASURES AT THE FOLLOWING MINIMUM
- 2.2.1. DURING ACTIVE CONSTRUCTION PHASES AT LEAST ONCE A
- 2.2.2. DURING PERIODS OF INACTIVITY AT LEAST ONCE PER TWO
- AFTER EACH RAINFALL EVENT OF $\frac{1}{2}$ INCH OR MORE WITHIN 24
- HOURS OF THE RAIN EVENT. 2.3. THE CONTRACTOR SHALL MAINTAIN AN INSPECTION LOG INCLUDING THE INSPECTOR'S NAME, DATE OF INSPECTION, OBSERVATIONS AS TO THE EFFECTIVENESS OF THE EROSION AND SEDIMENT CONTROL MEASURES, ACTIONS NECESSARY TO CORRECT DEFICIENCIES, WHEN THE DEFICIENCIES WERE CORRECTED, AND THE SIGNATURE OF THE PERSON PERFORMING THE INSPECTION. THE INSPECTION LOG SHALL BE AVAILABLE FOR REVIEW BY THE REGULATORY AUTHORITY.
- 2.4. THE CONTRACTOR SHALL HAVE THE EROSION AND SEDIMENT CONTROL PLAN ROUTINELY UPDATED TO SHOW ALL CHANGES AND AMENDMENTS TO THE PLAN. A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE KEPT ON SITE AND MADE AVAILABLE FOR REVIEW BY THE REGULATORY AUTHORITY.
- UNLESS OTHERWISE NOTED IN THE PLANS, ALL SEEDING MUST CONFORM TO DIVISION II—CONSTRUCTION MATERIALS SPECIFICATION—SECTION 2150 PUBLISHED BY THE KANSAS CITY METROPOLITAN CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION DATED FEBRUARY 15, 2017. PERMANENT SEEDING SHALL BE INSTALLED AFTER COMPLETION OF FINAL GRADING EXCEPT WHEN SEEDING WILL OCCUR OUTSIDE THE ACCEPTABLE SEEDING SEASON AS SPECIFIED IN SECTION 2150. WHEN TEMPORARY SEEDING IS INSTALLED, PERMANENT SEEDING SHALL BE INSTALLED AT THE NEXT SEEDING SEASON. TEMPORARY SEEDING SHALL NOT BE USED AS STABILIZATION MEASURE FOR A PERIOD EXCEEDING 12 MONTHS. THEIR PERMIT WILL NOT BE CLOSED UNTIL PERMANENT SEEDING HAS BEEN ESTABLISHED TO A MINIMUM OF 80% DENSITY OVER THE ENTIRE DISTURBED AREA.
- THE CONTRACTOR SHALL MAINTAIN INSTALLED EROSION CONTROL AND SEDIMENT CONTROL DEVICES IN A MANNER THAT PRESERVES THEIR EFFECTIVENESS FOR PREVENTING SEDIMENT FROM LEAVING THE SITE OR ENTERING A SENSITIVE AREA SUCH AS A NATURAL STREAM CORRIDOR, AREAS OF THE SITE INTENDED TO BE LEFT UNDISTURBED, A STORM SEWER, OR AN ON-SITE DRAINAGE CHANNEL.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING EROSION AND SEDIMENT CONTROL FOR THE DURATION OF THE PROJECT. IF THE ENGINEER DETERMINES THE EROSION CONTROL DEVICES DO NOT PROVIDE ADEQUATE EROSION AND SEDIMENT CONTROL AT ANY TIME DURING THE PROJECT, THE CONTRACTOR SHALL INSTALL ADDITIONAL OR ALTERNATE MEASURES THAT PROVIDE EFFECTIVE CONTROL. CONCRETE WASH OUT OR RINSE WATER FROM CONCRETE MIXING
- EQUIPMENT, TOOLS AND/OR READY MIX TRUCKS MAY NOT BE DISCHARGED INTO OR BE ALLOWED TO RUN DIRECTLY INTO ANY EXISTING BODY OF WATER OR STORM INLET. ONE OR MORE LOCATIONS FOR CONCRETE WASH OUT WILL BE DESIGNATED ON SITE, SUCH THAT DISCHARGES DURING CONCRETE WASH OUT WILL BE CONTAINED IN A SMALL AREA WHERE WASTE CONCRETE CAN SOLIDIFY IN PLACE.

CHEMICALS OR MATERIALS CAPABLE OF CAUSING POLLUTION MAY

- ONLY BE STORED ONSITE IN THEIR ORIGINAL CONTAINER. MATERIALS STORED OUTSIDE MUST BE IN CLOSED AND SEALED WATER-PROOF CONTAINERS AND LOCATED OUTSIDE OF DRAINAGE WAYS OR AREAS SUBJECT TO FLOODING. LOCKS AND OTHER MEANS TO PREVENT OR REDUCE VANDALISM SHALL BE USED. SPILLS WILL BE REPORTED AS REQUIRED BY LAW AND IMMEDIATE ACTIONS TAKEN TO CONTAIN THEM. SILT FENCES AND EROSION CONTROL DEVICES WHICH ARE SHOWN ALONG THE BACK OF CURB MUST BE INSTALLED WITHIN TWO WEEKS OF CURB BACKFILL AND PRIOR TO PLACEMENT OF BASE ASPHALT. EXACT LOCATION OF THESE EROSION CONTROL METHODS MAY BE FIELD ADJUSTED TO MINIMIZE CONFLICTS WITH UTILITY CONSTRUCTION, HOWEVER, ANTICIPATED DISTURBANCE BY UTILITY CONSTRUCTION SHALL
- CONTRACTOR TO INSTALL INTERIOR SILT FENCE AS NECESSARY DURING CONSTRUCTION. PORTIONS MAY BE LIMITED AS VEGETATION IS ESTABLISHED AND HARDSCAPE IS INSTALLED. ENTIRE LENGTH MAY BE INSTALLED AT THE CONTRACTOR'S OPTION TO AID IN STABILIZING

LEGEND

NOT DELAY INSTALLATION.

SEDIMENT FENCE (KC APWA DETAIL ESC-03)

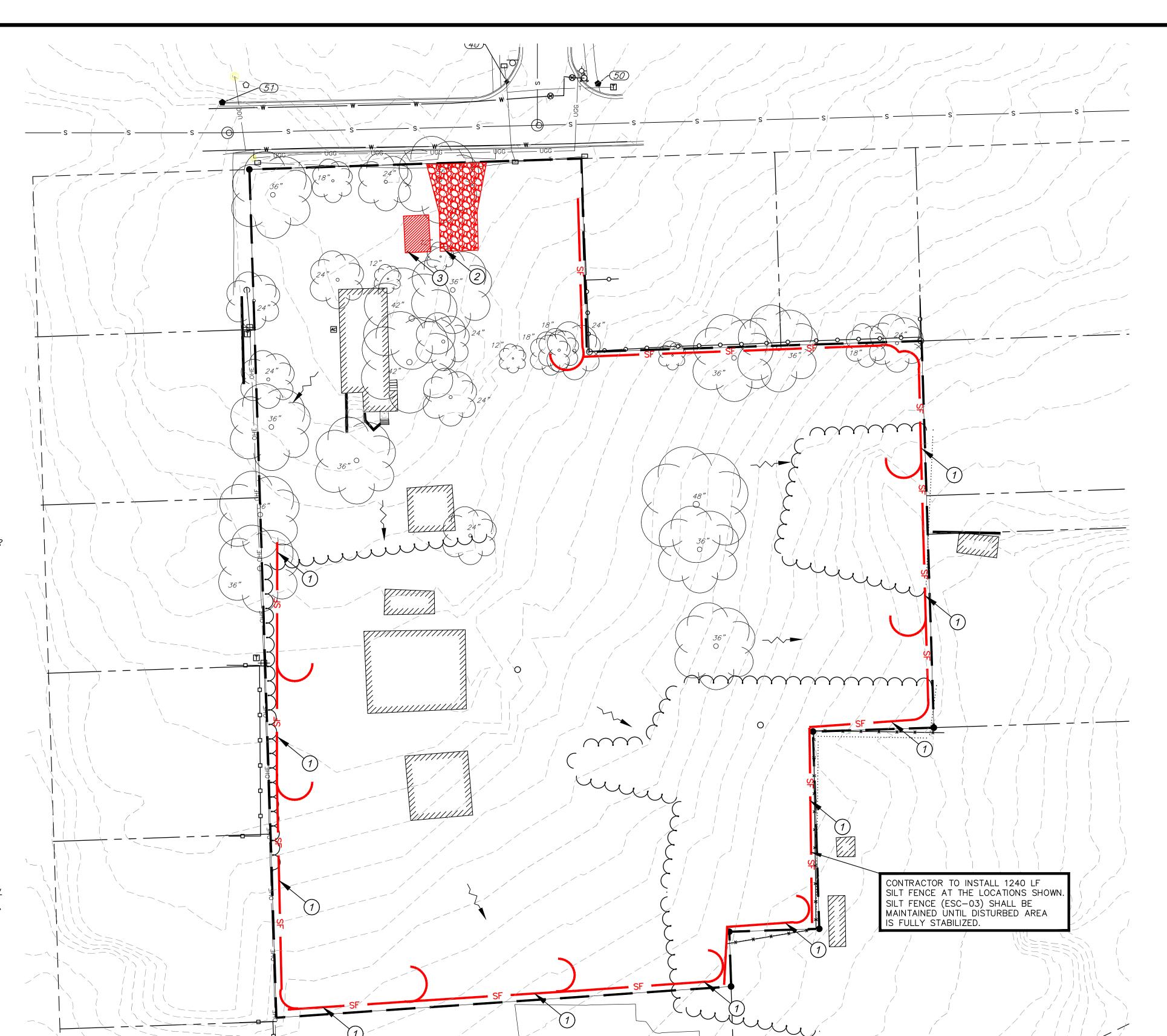
DIRECTIONAL FLOW AREA

CONCRETE WASHOUT (ESC-01)

ROCK DITCH CHECK (ESC-10)

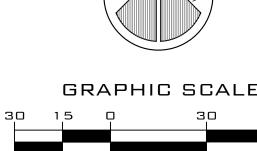
CONSTRUCTION ENTRANCE (ESC-01)

— DISTURBED AREA (2.81 ACRES)











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Milburn Civil Engineering, LLC

MILBURN CIVIL ENGINEERING, LLC

33135 W 83RD ST DE SOTO, KS 66018

913-583-0367

DESIGNED BY

EROSION CONTROL PHASE 1

ARE ESTABLISHED ON 80% SITE

EROSION/SEDIMENT CONTROL STAGING CHART REMOVE AFTER PROJECT STAGE DESCRIPTION NOTES PLAN NUMBER STAGE **INSTALL PHASE 1 SILT FENCE** PLACE AS SHOWN ON PLAN A - PRIOR TO LAND CONSTRUCTION ENTRANCE PLACE AS SHOWN ON PLAN DISTURBANCE **CONCRETE WASH-OUT** PLACE AS SHOWN ON PLAN MAINTAIN STAGE A SILT FENCE, CONCRETE B - AFTER STRIPPING, PLACE AS SHOWN ON PLAN WASH-OUT. INSTALL ROCK DITCH CHECKS. GRUBBBING & MASS GRADING INSTALL ROCK DITCH CHECK PLACE AS SHOWN ON PLAN C - AFTER STORM SEWER CONSTRUCTION INSTALL INLET PROTECTION PLACE AS SHOWN ON PLAN SILT FENCING AND INLET PROTECTION D - FINAL GRADING. MAY BE REMOVED ONCE SEED & SODDED FINAL SEEDING, SOD, AND LANDSCAPING **PAVING & LANDSCAPING**

EROSION AND SEDIMENT CONTROL GENERAL NOTES

- 1.1. THE CONTRACTOR SHALL DELINEATE THE OUTER LIMITS OF ANY NATURAL STREAM CORRIDOR DESIGNATED WITH CONSTRUCTION
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- 2.3. THE CONTRACTOR SHALL MAINTAIN AN INSPECTION LOG INCLUDING THE INSPECTOR'S NAME, DATE OF INSPECTION, OBSERVATIONS AS TO THE EFFECTIVENESS OF THE EROSION AND SEDIMENT CONTROL MEASURES, ACTIONS NECESSARY TO CORRECT DEFICIENCIES, WHEN THE DEFICIENCIES WERE CORRECTED, AND THE SIGNATURE OF THE PERSON PERFORMING THE INSPECTION. THE INSPECTION LOG SHALL BE AVAILABLE FOR REVIEW BY THE REGULATORY AUTHORITY.
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- CONSTRUCTION. PORTIONS MAY BE LIMITED AS VEGETATION IS ESTABLISHED AND HARDSCAPE IS INSTALLED. ENTIRE LENGTH MAY

LEGEND

DIRECTIONAL FLOW AREA

(KC APWA DETAIL ESC-03)



CONCRETE WASHOUT (ESC-01)



SEEDING/SODDING (1.68 ACRES)



ROCK DITCH CHECK (ESC-10)



DISTURBED AREA (2.81 ACRES)

INLET PROTECTION (ESC-06)

CONSTRUCTION ENTRANCE (ESC-01)



BIODEGRADABLE WATTLE (ESC-09)

PRIOR TO LAND DISTURBANCE ACTIVITIES:

CONSTRUCT A STABILIZED ENTRANCE/PARKING/DELIVERY AREA. SEDIMENT CONTROL PLAN. LAND DISTURBANCE WORK SHALL NOT

SPECIFICATIONS 2150 INCLUDING BUT NOT LIMITED TO:

WITHIN 14 DAYS.

HOURS OF THE RAIN EVENT.

CONTROL PLAN ROUTINELY UPDATED TO SHOW ALL CHANGES AND AVAILABLE FOR REVIEW BY THE REGULATORY AUTHORITY.

DISTURBED AREA.

A STORM SEWER, OR AN ON-SITE DRAINAGE CHANNEL.

OR ALTERNATE MEASURES THAT PROVIDE EFFECTIVE CONTROL.

IN PLACE.

CHEMICALS OR MATERIALS CAPABLE OF CAUSING POLLUTION MAY

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Milburn Civil Engineering, LLC

MILBURN CIVIL ENGINEERING, LLC

33135 W 83RD ST

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REVISIONS

EROSION CONTROL PHASE 2

C102

ARE ESTABLISHED ON 80% SITE

EROSION/SEDIMENT CONTROL STAGING CHART REMOVE AFTER PROJECT STAGE DESCRIPTION NOTES PLAN NUMBER STAGE **INSTALL PHASE 1 SILT FENCE** PLACE AS SHOWN ON PLAN A - PRIOR TO LAND 2 CONSTRUCTION ENTRANCE PLACE AS SHOWN ON PLAN DISTURBANCE (3) CONCRETE WASH-OUT PLACE AS SHOWN ON PLAN MAINTAIN STAGE A SILT FENCE, CONCRETE B - AFTER STRIPPING, PLACE AS SHOWN ON PLAN GRUBBBING & MASS GRADING WASH-OUT. INSTALL ROCK DITCH CHECKS. INSTALL ROCK DITCH CHECK PLACE AS SHOWN ON PLAN INSTALL BIODEGRADABLE WATTLE C - AFTER STORM SEWER CONSTRUCTION INSTALL INLET PROTECTION PLACE AS SHOWN ON PLAN SILT FENCING AND INLET PROTECTION D - FINAL GRADING. MAY BE REMOVED ONCE SEED & SODDED FINAL SEEDING, SOD, AND LANDSCAPING

PAVING & LANDSCAPING



MILBURN CIVIL ENGINEERING, LLC 33135 W 83RD ST DE SOTO, KS 66018 913-583-0367



85TH ST , KS 6601

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EROSION CONTROL **DETAILS**

C103

