



EROSION CONTROL PLAN LEGEND

- DROP INLET PROTECTION
- CURB INLET PROTECTION
- DITCH CHECKS
- SILT FENCING
- STRAW WATTLE DITCH CHECKS
- EROSION CONTROL BERM
- BACK OF CURB PROTECTION
- EROSION CONTROL MAT
- TEMPORARY DITCH

Scale: 1"=40'

40 0 40

--- 1385 --- Existing Grade

(1385) Proposed Grade

Area to be graded

When construction will occur within 50' of either side of NuStar gas pipeline, Contractor shall contact Kansas One-Call and NuStar a minimum of 72 hours prior to construction. Teresa Landry (316)322-0325.

EROSION CONTROL MEASURE	INSTALL	MAINTAIN	REMOVE
BACK OF CURB PROTECTION (LF)	0	0	0
CONSTRUCTION ENTRANCE (EA)	2	0	0
CURB INLET BARRIER (EA)	24	0	0
DITCH CHECK (EA)	36	0	0
DROP INLET PROTECTION (EA)	20	0	0
EROSION CONTROL (LS)	0	0	0
EROSION CONTROL BERM (LF)	1,610	0	0
SILT FENCE (LF)	1,525	0	0
EROSION CONTROL MAT (SY)	7,691	0	0

QUANTITIES ARE FOR INFORMATION ONLY! CONTRACTOR SHALL VERIFY QUANTITIES PER FINAL BID QUANTITY SHEET.

* ALL EXISTING BMPs INCLUDING CONSTRUCTION ENTRANCE, SEDIMENT BARRIERS, SILT FENCE, EROSION CONTROL BERM, AND EROSION CONTROL MAT SHALL BE MAINTAINED AND REPAIRED IF NECESSARY. REPLACEMENT OR REMOVAL OF EROSION CONTROL MEASURES TO BE PAID FOR BY L.S. BID ITEM "MAINTAIN EXISTING BMPs"

EARTH WORK TOTALS

	C.Y. Excavation	C.Y. Compacted Fill
Mass Grading	20,939	77,783
Pond A Construction	42,790	1,850
Pond B Construction	8,282	386
Pond C Construction	11,097	451
Total	83,108	80,470

- Excess material shall remain on-site and be stockpiled on undeveloped areas of site to be determined by the Engineer. Earthwork fill quantities are unadjusted and are for reference only. Excavation for mass grading and pond construction work to be paid for as C.Y. Excavation. All cost associated with fill & compaction shall be incidental to lump sum bid item "Grading, Mass".
- Contractor to strip top 4-6" of soil within street right-of-way & Res. "E", "F" & "J" in areas of proposed pond construction before mass grading and stockpile. Topsoil & dirt piles may be spread outside of proposed pavement prior to seeding.
- Compaction of 95% Standard Proctor Density shall be obtained in all areas. Fill from on-site excavation shall be placed in 8" maximum thickness lifts within 0% to +4% of optimum moisture content of the soil at the time of placement. All testing shall be incidental to Lump Sum bid item "Testing". The geotechnical report is available upon request from the engineer.
- It shall be the Contractor's responsibility to protect existing utilities during mass grading. Any damage done to these systems by Contractor or subcontractor shall be repaired at no additional cost to the project.
- All areas disturbed during construction shall be seeded, mulched, and fertilized as per Cover Sheet General Notes. The approximate seeding area is 33.0 acres.
- Street elevations are top of dirt at centerline.
- All trees along the east and north side of plat along with any trees in the 21st St. N. R/W shall be protected from damage. Lot 10, Block A: Save as many trees as possible outside of proposed house pad area.

BAUGHMAN COMPANY

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NRD ADDITION

MASS GRADING PLAN

STORM WATER DRAIN IMPROVEMENTS

PROJECT NUMBER:
21-03-E867

DESIGN: NBW DRAWN: TMS

DATE: August 5, 2021

SHEET **24** OF **46**