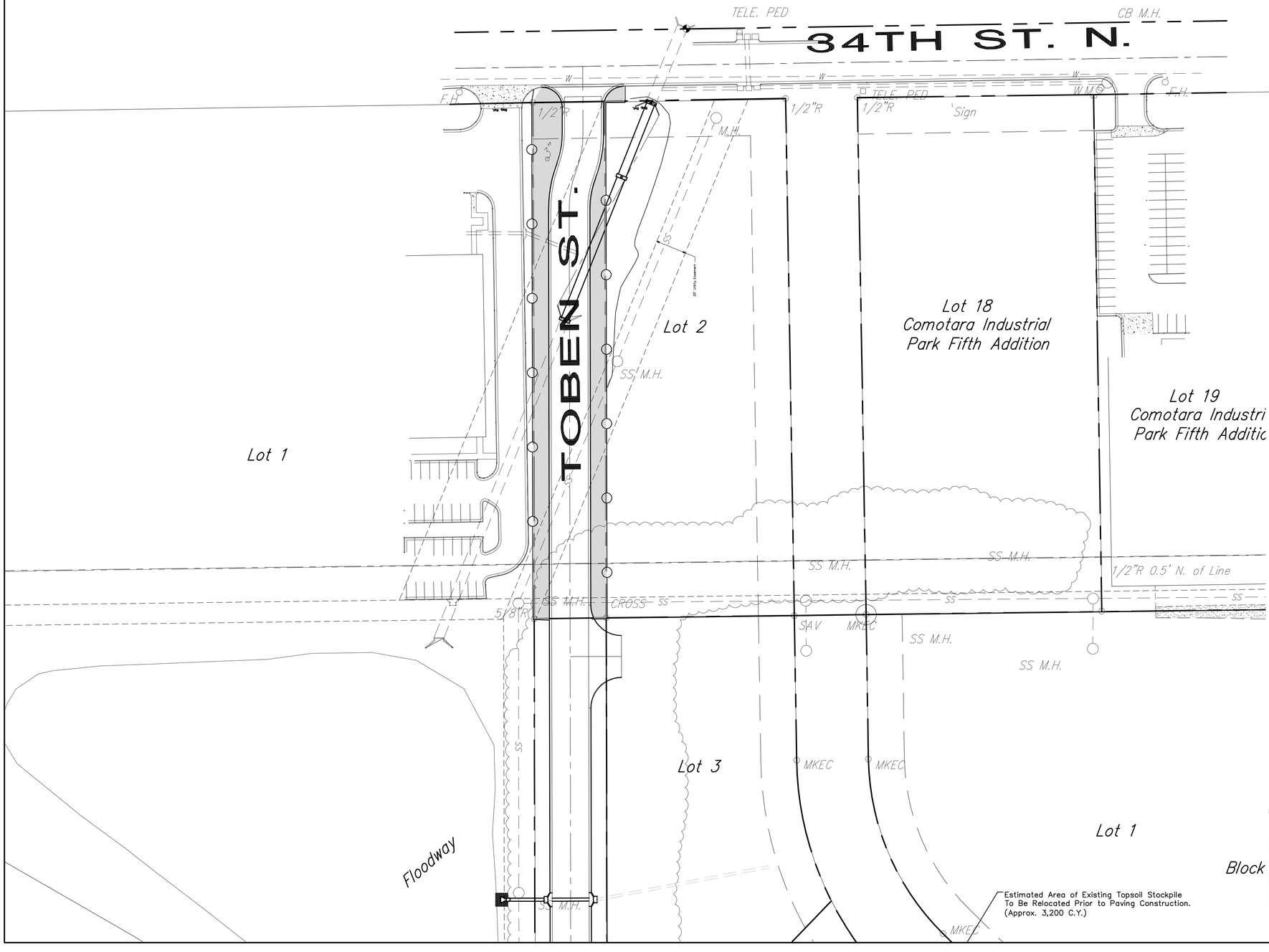

SCALE

50 0 50 100

1" = 50'

LEGEND

Temporary Seeding Area
250 lbs/Acre Rye Grass
(Approx. 15,000 S.F.),
To be seeded within 14
days of disturbance.

Silt Fence (Approx. 1,068 L.F.)
All Items Subsidiary to "Erosion Control BMP"

The seed shall be new crop seed complying with and labeled in accordance with U.S. Department of Agriculture rules and regulations under the Federal Seed Act in effect at the time of purchase. All seed shall be furnished in standard containers. Seed which has become moldy, wet or otherwise damaged in transit or storage will not be accepted. Seed shall be stored in a cool, dry place. The seed supplier shall furnish a certified statement for the seed furnished stating the purity percent, germination percent, and the sproutable seed percent. Sproutable seed is the product of the percentage of purity and the percentage of germination.

Annual rye grass used for temporary seeding shall have a purity of ninety–seven percent (97%) and a germination of eighty–five percent (85%).

Materials for mulching shall be either Prairie Hay or Bromegrass Hay. Prairie hay shall consist chiefly of the Bluestem grasses, switchgrass, Indian grass, and other desirable native perennial grasses which are normally found growing in Bluestem pastures. Mulching material shall be free of field bindweed, Johnson grass, hoary cress, or Russian knapweed.

Areas of annual grasses such as cheat, crab grass, tripleawn, etc. shall be destroyed by thorough disking and then replanted using the specified seed. The areas to be planted shall be prepared for planting by cultivation, removal of all objectionable material, and filling of gullies or depressions. The soil preparation shall be accomplished by disking, harrowing and firming. The minimum depth of the soil preparation shall be four inches (4"). Existing weed stubble, small weeds and grass which can be disked shall be cut by the disk and completely incorporated into the soil. Several diskings and harrowings may be required on some areas to provide a satisfactory seed bed. Areas inaccessible for disking and harrowing shall be prepared by hand methods. The minimum depth of preparation for the seed bed where hand methods must be employed shall be two inches (2").

Seeds shall be uniformly distributed with acceptable drills, hydraulic–slurry, or other equipment approved by the Engineer. Broadcasting with an approved broadcasting grass seeder will be required on areas where it is impossible to operate a drill and this method may also be required for certain small seeds. All drills shall be fully adjustable so that they will deliver the seeds at the rates specified on the plans or ordered by the Engineer. Drills that are in poor repair or that do not deliver the seeds and fertilizer uniformly in each drill furrow, shall not be used. The seed should be drilled in a well–prepared and firm seed bed. When the fertilizing and seeding operations start on an area, that area shall be completed as soon as possible. No seeding shall be done during windy weather or when the ground is wet or otherwise non–tillable. The grass seed shall then be covered, using a flexible toothed weeder or other suitable equipment. As soon as this covering operation has been completed, the seeded area shall be rolled again with the Culti–packer, the Culti–packer being run over the area only once parallel with the contours of the ground.

Mulching shall consist of the furnishing and placing of hay mulch, the purpose of which is to retard erosion on slope areas and to improve the physical condition of the soil so that plant growth will become established more readily. Machines for distributing hay mulch shall be approved by the Engineer prior to use and shall be maintained in good operating condition. Distributing machines for hay mulch shall be constructed for this purpose and shall include a blower for the hay. Sufficient power shall be provided on the machine to operate the hay blower in such a manner that the hay can be distributed over the designated at the required rate with a single pass of the machine. The machine shall be provided with an operating platform large enough to accommodate an operator and a supply of hay. Hay blowing distributing machines shall not be used in areas where blowing hay dust would be objectionable to adjacent properties. Such areas shall be mulched using hand methods as prescribed for small areas and/or steep slopes. The mulching material as specified or permitted shall be placed over the designated areas after seeding and fertilizing has been completed. The mulching material shall be spread uniformly over the areas to be thickness of approximately one and one–half inches (1–1\2") loose measurement. This application rate normally will require approximately two (2) tons of hay per acre. The mulching material shall be disked or punched into the soil so that it is partially covered. The disking operation shall be performed longitudinally with a mulching tiller. Several trips over the mulched areas will be necessary to work part of the hay into the soil, especially if heavy weights are not used on the tiller.

No.	Date	By	Approved	Revision

MEDITERRANEAN PLAZA ADDITION
STREET IMPROVEMENTS
STORM WATER POLLUTION PREVENTION PLAN
CITY OF WICHITA, KANSAS
JAMES L. ARMOUR, P.E. – CITY ENGINEER
PROJECT NO. 472–84885 OCA NO. 766250

POE & ASSOCIATES, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316/685-4114 ■ FAX 316/685-4444

FINAL

Engineer: T. AUSTIN
Designer: S. SCHMIDT
Poe Job No.: 1949–00156
Date: MARCH 2010