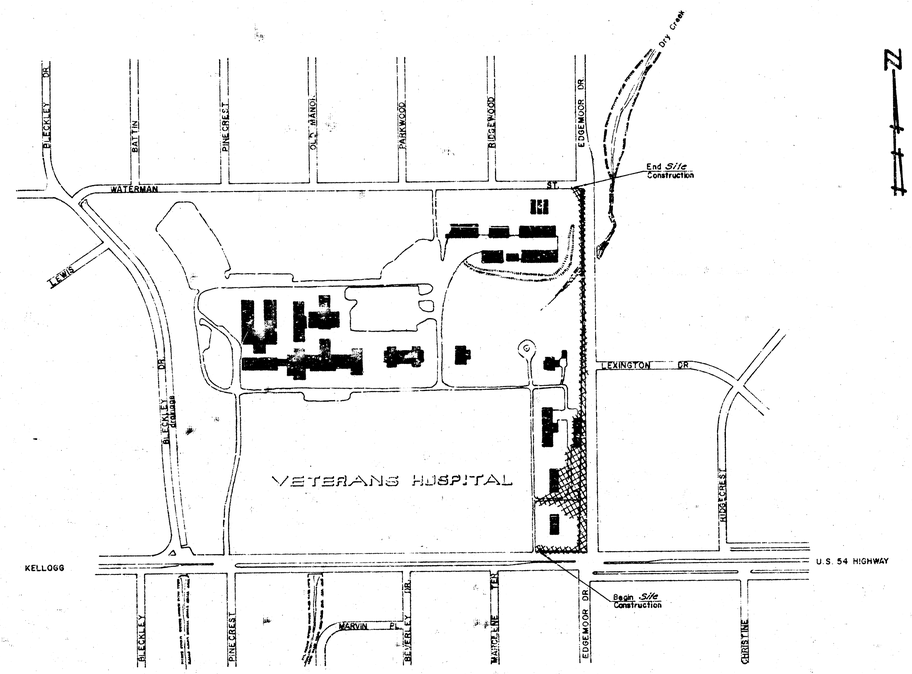
Surveyed
Plan
Seal
Checked



INDEX

sheet no.

1. Title and Location
2. Removal Items
3. Asphalt Dr. and Conc. Walk Plan.
4. Brick Wall and Ch.Link Fnc. Location
5. " " " "
6. Construction Details
7. Brick Wall and Car Port Details

N

BILL OF MATERIALS

NO.	UNIT	DESCRIPTION
50	Lin. Ft.	Combined Curb and Gutter
375	Sq. Ft.	4" Walk
305	Tons	Asphalt
1	Each	Dog Run Complete
10	Each	Concrete Wheel Stops
610	Lin. Ft.	Brick Wall In Place
765	Lin. Ft.	6 Foot Chain-link Fence In Place
20	Lbs.	Grass Seed
35	Cu. Yds.	Backfill
75	Cu. Yds.	Excavation
210	Lin. Ft.	Saw Joint
750	Sq. Yds.	Asphalt Mat Removed
70	Lin. Ft.	Combined Curb & Gutter Removed
760	Sq. Ft.	Walk Removed
5	Each	Large Trees Removed
1	Each	Small Trees Removed
1675	Lin. Ft.	6' Chain-link Fence Removed
1	Each	Existing Structure Removed
1	Each	Dog Run Removed
260	Lin. Ft.	Concrete Curbing Removed
1	Each	Carport Complete

THE QUANTITIES SHOWN IN THE "BILL OF MATERIALS" OR ITEMS WHICH ARE INCLUDED IN THE "LUMP SUM BID" OF THE CONTRACT ARE FOR "INFORMATION PURPOSES ONLY". THE CONTRACTOR MUST SATISFY HIMSELF TO THE "QUANTITIES" AND THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. THE CONTRACTOR WILL HAVE THE FULL RESPONSIBILITY FOR PROVIDING ALL MATERIALS SHOWN ON THE DETAILED PLANS NECESSARY TO COMPLETE THIS PROJECT.

EDGEMOOR DRIVE

S.L. ORME STREET to N.L. WATERMAN STREET

VETERAN'S ADMINISTRATION SITE CONSTRUCTION

CITY OF WICHITA, KANSAS

R.M. Linn
City Engineer
Date: July 1973
Proj. No. DARM572015

CAUTION
UNDERGROUND
UTILITIES

HOSPITAL

DRIVE

KELLOGG (U.S. 54 Highway)

EDGEMOOR (Proposed Street)

Rem. Conc. Walk & Curb & Gutter

Rem. Asph. Mat'l. Drwy.

Dog Run Owner

Rem. Exist'g Conc. Walk

asph. drive & car parking

brick wall

Dog run

(R) Rem. Existing Dog Run.

Rem. Existing Asph. Mat.

Remove Existing Asph. Mat.

See Note for Fence Rem. Sht. (4)

Rem. Existing Tile Block Garage Structure & Conc. Floor

24.0'

N
1"=20'

Electrical = —E— —E—
Gas = —G— —G—
Heat Duct = ========
SN/Sewer = —S— —S—
San Sewer = —S— —S—
Water = —W— —W—

▨ = Removal

⊗ = Tree Removal

▩ = Areas to be "Backfilled" or "Graded". This area to be "Seeded" (See Specifications for Grass Seeding.)

(R) Dog Run Materials to be disposed of or stored in accordance w/ prop. owner.

D.R.

SPECIFICATIONS FOR GRASS SEEDING

SCOPE OF WORK

Under this item the contractor shall furnish Grass Seed, plant and mainrain turf areas in accordance with the plans and specifications or as directed by the Engineer.

The Contractor shall be liable for any damage to property caused by seeding operations and all areas and construction disturbed shall be restored to the original condition to the satisfaction of the Engineer.

MATERIAL

Grass Seed of a bluegrass blend shall be fresh, reclaimed seed of the latest crop, mixed in the following proportions by weight and meeting the following standards of pure live seed content:

Grass Seed Mixture	Percent	Minimum P.L.S
Kentucky Bluegrass	25	80
Merion Bluegrass	25	85
Newport Bluegrass	25	80
Park Bluegrass	25	80

The Engineer shall witness the mixing operation. No grass seed shall be planted until approved by the Engineer. Such approval shall not constitute final acceptance. The Engineer reserves the right to reject any material which does not, in his opinion, meet PLS specifications.

METHOD - TIME OF SEEDING

Grass Seed shall be sown between August 15th to September 15th. All seeding is to be done in moderately dry to moist (not wet) soil and at times when the wind does not exceed a velocity of eight (8) miles per hours.

SEEDING OPERATIONS

All areas to be seeded shall be thoroughly loosened to a depth of four (4) inches.

The rate of seeding shall be four (4) pounds per 1,000 square feet. Grass seed shall be sown, covered to the proper depth and firmed in such a manner that a uniform stand will result.

MAINTENANCE

The Contractor shall turn over the maintenance, after seeding and watering for a period of two weeks and final acceptance of the contract, to the Public Works Department. When the seeded areas fail to show a satisfactory stand of grass on at lease 75% of the area, the Contractor may be directed to reseed the entire area with the specified mixtures of seed.

MEASUREMENT AND PAYMENT

The quantity of Grass Seed to be paid for under this item shall be the number of pounds of Grass Seed furnished, planted and maintained in accordance with the plans and specifications to the satisfaction of the Engineer.

The price bid shall be a unit price per pound of Grass Seed, and shall include the cost of labor, materials, and equipment necessary or required to furnish seed, prepare the seed bed, plant, reseed and maintain the seeded areas and all work incidental thereto, in accordance with the plans and specifications to the satisfaction of the Engineer.

REMOVAL & SEEDING PLAN

2/7

CAUTION
UNDERGROUND
UTILITIES

BM 165.53 "S" N.W. Cor. 3'x3' Conc. Base for Sign
25 Car. Gallup & Edgemoor.

N
1"=20'

HOSPITAL

KELLOGG

EDGEMOOR

E. Pleasant Street

O.R.

Const. 20' Comb. Cb. & Gtr. (See Detail Sht. (G)) Worn Cb. to match new Walk const.

Const. 5.0'x4" Conc. Walk.

Const. 5.0'x4" Conc. Walk

Const. 24.0'x 3½" Asph. Conc. Dr. See Typical Section Sht. (G).

Const. 40'x4" Conc. Walk Match Exist'g.

Const. 40'x4" Conc. Walk

Grade to match new const.

Const. 28'-0"x18'-6"x4" Conc. Dog Run With 6'-0" CHA link Fnc. See Detail Sht. (C).

10 Stall Car Port

CAUTION Underground Conduit

See Carport Details Sheet (7).

Const. 8" Asph. Mat For 10 Car Parking.

Match Exist'g

Provide (10) Conc. Wheel Stops - to be anchored to asph. slab.

1 ——— Plastic Stripes to be installed by the Traffic Engrg. Division - City of Wichita. This portion of work not included in proj. Contractor to notify Traffic Engrg. when work can be completed.

⊗ - Tree Removal

ASPHALT DRIVE & CONCRETE WALK PLAN

3/7

HOSPITAL

N
1"=20'

43.41'

24.0'

Existg Conc. & Brick Pillar (2.2'x2.2'x6.0')

Δ = 90°
R = 43.41'
T = 43.41'
L = 68.17'
LC = 61.38'

1140
PC
1130

End 8.0' Height Brick Wall - Beg. 6.0' Height Wall.

Rem. Existing Ch. Link Fnc. & Nail to Kellogg from S10.0145 to existing Brick Pillar - See Note Sht. (4) for remaining fence rem.

Δ = 89°04'52"
R = 25'
T = 24.17'
L = 38.87'
LC = 34.76'

See Detail Sht. (6) for Dog Run Const.

Dog run

0135.35

0132.18

0100

40.0'

KELLOGG

(U.S. 54 Highway)

Existg conc. walk, brick ledge or new brick wall to be demolished

St. Cor. S.W. ¼ Sec. 23-AN-E
Sec. Line, C.&I.N.& Port.

See Brick Wall & Car Port Construction Details for wall construction thru Car Port - See Sht. (7)

EDGEMOOR

℄ Proposed Street

Section Line

End 6.0' Height Brick Wall - Beg. 6.0' Height Wall.

End 6.0' Height Brick Wall.

Beg. 6.0' Chain-Link Fence - See Detail Sheet (6).

Existing Chain-Link Fnc. To be removed after brick wall & new fnc. have been constructed & installed. Existg fnc. to be disposed of in accordance w/ V.A. Engineer.

Note to Contractor and Field Engineer for installation and Location of Gates in new fence construction See note on Sht. (6).

D.R.

TREE REMOVAL

(#) = Proposed walk elevations on EDGEMOOR DR.

BRICK WALL & CHAIN-LINK FENCE PLAN (4/7)

N
1"=20'

STREET

WATERMAN

33'

40'

27.5'

End Const.

Connect new fnc. to existing.

This Section Of 6.0' Chain-Link Fnc. to be installed as part of the extension of Rt. 8C const. "Edgemoor Proj.

6.0' Chain-Link Fence - See Detail Snt. 6g.

Existg fnc. to remain in place as fnc. R.C.B.C.

Note temporary hook-up to existg fence # R.C.B.C.

Existg fnc. R.C.B.C.

Section Line

7.12.29 + 76.12.5' N. of SE Cor. of Sec.

7.12.29 + 76.12.5' W. of SE Cor. of Sec.

1"=50'-0"

9.16.2

10.18.2

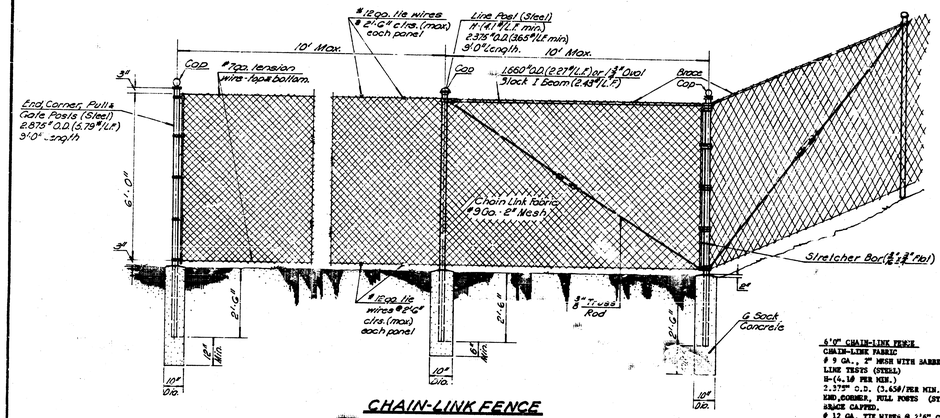
6.0'

18°

EDGEMOOR

DR.

9/7

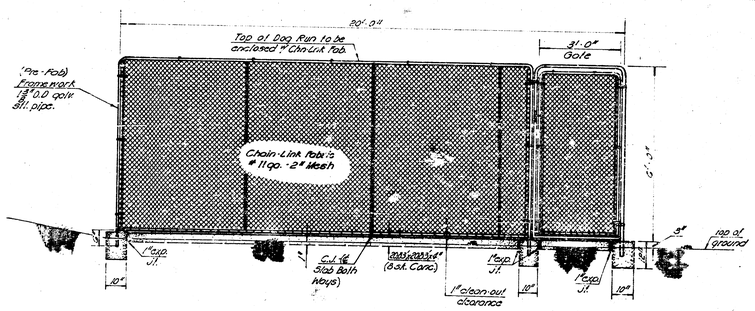


CHAIN-LINK FENCE

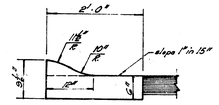
6'0" CHAIN-LINK FENCE
CHAIN-LINK FABRIC
9 GA., 2" MESH WITH BARBED FINISH TOP AND BOTTOM
LINE POSTS (STEEL)
H-(4.1# PER MIN.)
2.375" O.D. (3.65#/PER MIN.) CAPPED. 9.0" LENGTH.
END,CORNER, PULL POSTS (STEEL) 2.875" O.D. (5.79#/PER L.F.)
BRACE CAPPED.
12 GA. TIE WIRES @ 2'6" CTRS. (MAX) ALL PANELS.
7 GA. TENSION WIRES TOP & BOTTOM.
STRETCHER-BAR (3/16" X 3/4" FLAT)
3/8" TRUSS ROD.
10" (D) X 3.0" DEEP CONC. ENCASEMENT FOR LINE POSTS.
& 10" (D) X 4'0" DEEP FOR END,CORNER & PULL POSTS.
1.660" O.D. (2.27#/ LF) OR 1 3/4" OVAL BLACK I-BEAM (2.43#/LF.)
BRACE @ CORNER POSTS .

ALL STEEL POSTS, BRACES, SHALL BE GALVANIZED BY HOT DIPPED PROCESS & THE ZINC COATING SHALL BE NOT LESS THAN (2) OUNCES/ S.FT OF SURFACE.
CHAIN-LINK FABRIC TO HAVE ZINC COATING OR ALUMINIUM COATING.
(A) ZINC COATING ASTM DESIGNATION A-392 CLASS II.
(B) ALUMINIUM COATING ASTM DESIGNATION A-491 CLASS II.
ALL MISC. FITTINGS SHALL BE STEEL GALV. CONFORM TO REQ. OF THE "STD SPECS. FOR ZINC COATING (HOT DIP) ON IRON & STEEL HARDWARE ASTM DESIGNATION A-153 OR SHALL BE ALUMINIUM ALLOY.
VARIFICATION OF (2 OZ) COATING TO BE SUPPLIED CITY ENGRS. OFFICE BEFORE INSTA...ATION OF CHAIN-LINK FENCE.

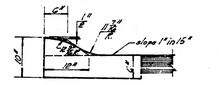
NOTE TO CONTRACTOR AND ENGINEER - GATES TO BE LOCATED IN NEW FENCE AT APPROXIMATELY THE SAME LOCATION AS THEIR PRESENT LOCATIONS. THE GATES ARE TO BE THE SAME SIZE AS EXISTING OPENING. ALL MATERIALS USED IN THE INSTALLATION OF GATES TO BE OF THE SAME SPECIFICATIONS AS USED IN THE CONSTRUCTION OF THE CHAIN-LINK FENCE.



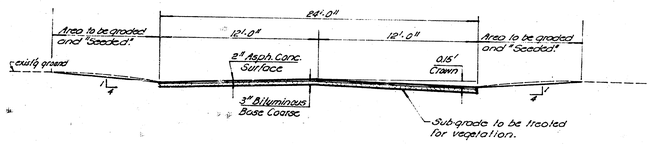
DOG-RUN DETAIL



ROLL-TYPE COMBINED CURB & GUTTER

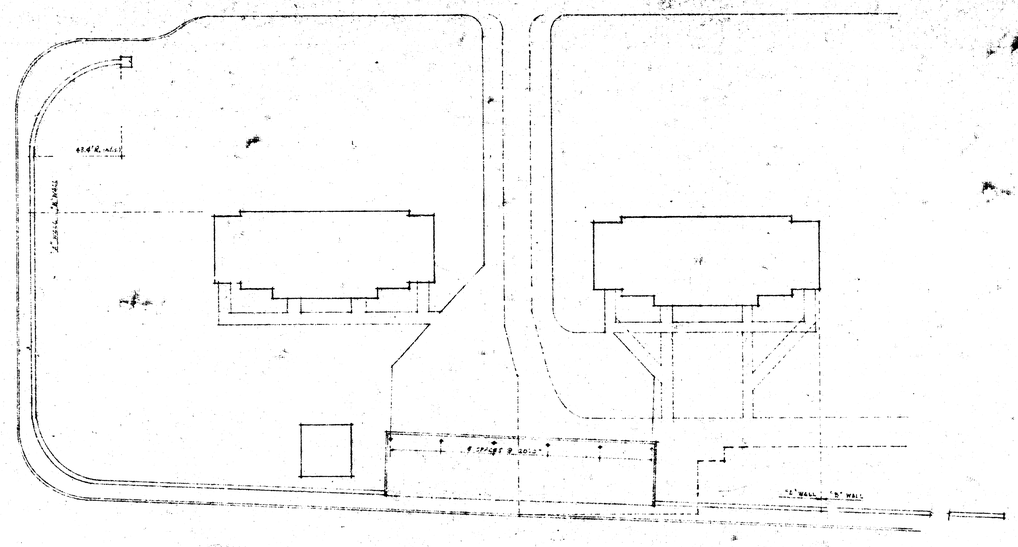


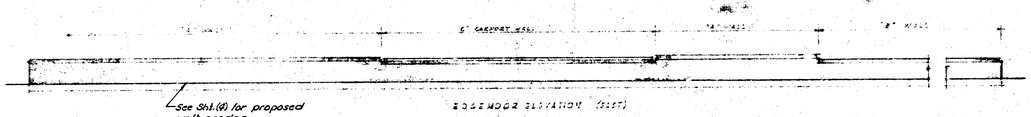
ALTERNATE ROLL-TYPE



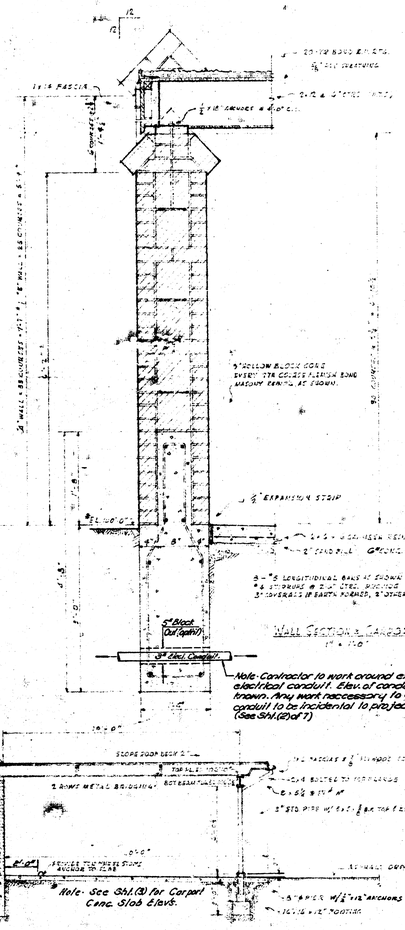
ASPHALT DRIVE DETAIL

DETAIL SHEET (6/7)

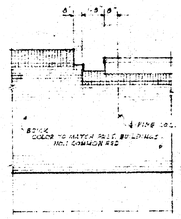




EDGEMOOR ELEVATION (EAST)



WALL SECTION & CARPORT



PARTIAL ELEVATION

TYPICAL SECTION OF CARPORT

Specifications
for
Wall and Carport Facility
Veterans Administration
Wichita, Kansas
(Prepared by: Public Works Department
City of Wichita, Kansas)

Excavation Brick wall foundation may be earth formed below grade

Concrete

Foundations: 3,000 psi, rock aggregate
Carport Slab: 3,000 psi, rock aggregate
Sidewalks: 2,500 psi, "City Mix"
Reinforcing: Cold rolled bars and mesh as noted on details; coverage per UB Code; new walks with 6x6xL4xL0 gage mesh; (4)-#4 dowels in column piers bent into footings with hooked ends for footing reinforcement

Masonry

Brick: No. 1 common, red, (to match present nearby structure);
Block: 8x8xL6 hollow concrete blocks
Mortar: One part portland cement to one part masonry (Type "M" mortar per UBC); fill all joints; exterior surface concave rodded
Reinforcing: Welded wire wall reinforcement

Carport

Wood: Joists No. 1, framing; plywood deck structural C-D; wood or metal bridging; No. 1 W.P.P. fascia and soffit
Pipe Columns: 3" standard with 3/8" bearing plates welded top and bottom; anchor bolted top and bottom

Carport Continued

Steel Beam: [@ 17 lb. splice over supports with ¼" web plates or 5/8" flange plates if in span (if splices are not welded)
Anchors: ¾"x10" plate to brick wall; ¾"x3" plate to top flange of steel beam; (4)-¾"x12" each base column plate to concrete pier; (4)-¾"x8" each column plate to beam flange
Roofing: 4-ply built-up, 20 year guarantee with gravel surfaced
Ceiling: ¾" gypsum board, taped joints
Nails: A needed for framing and finish
Sheet Metal: Gravel metal stop; 5" half-round hanging gutter with downspouts at each end
Wheel Stops: Provide ten precast concrete stops anchored to slab
Paint: Prime: And two coats oil base exterior enamel on trim and metal, color matched to present buildings; ceiling primed and stippled one coat latex

ENTRANCE
BRICK PRIVACY WALL & CARPORT
VETERANS ADM. HOSPITAL
WICHITA, KANSAS
DRWG. BY CENTRAL INSPECTION DIVI.
CITY OF WICHITA
14 SEPT 71