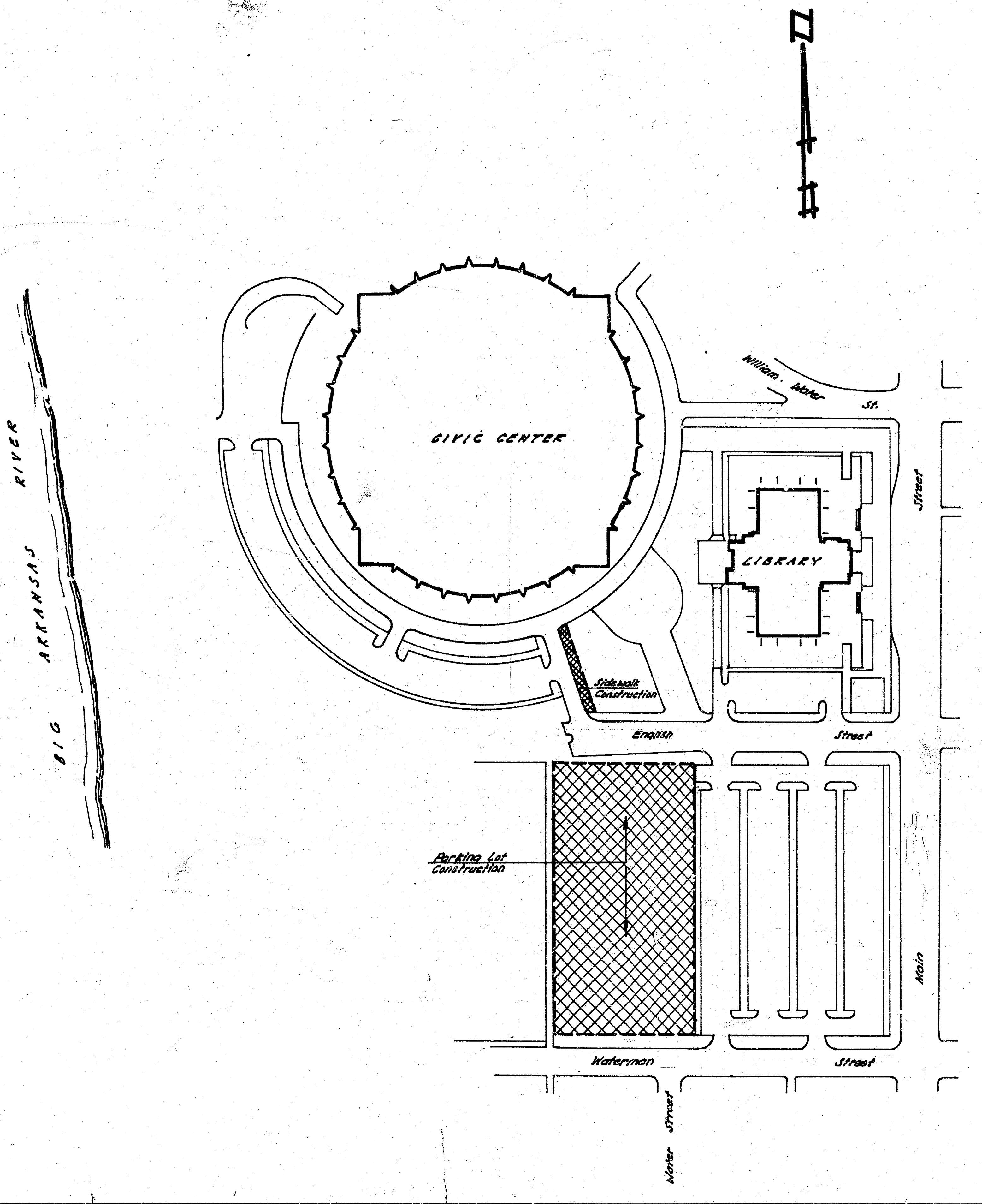


INDEX

① Location Map of Project Construction
② Construction Plan
③ Drainage Plan
④ Electrical Plan
⑤ Detail Sheet

BILL OF MATERIALS

The following list of items are estimated quantities only. The Contractor shall have full responsibility for providing all materials necessary as shown on detailed plans or so stated in related specifications to complete the project.

Pavement Work:

1. 7100 S.Y. Asphaltic Conc. Pavt. (4½" base course + 1½" Surf. course)
2. 165 S.Y. 7" Conc. Pavement
3. 107 L.F. Int. Cb.
4. 1912 L.F. Std. Combined Cb. & Gtr.
5. 1410 L.F. Non-Std. Combined Cb. & Gtr.
6. 7620 Lbs. Reinf. Steel (incl. wire mesh)
7. 335 L.F. Saw Joint
8. 10282 S.F. Type (A) 4" Concrete Walk
9. 610 S.F. " (B) " " "
10. - C.Y. Excavation & Compacted Backfill
11. 146 S.Y. Pavement Removed
12. 63 S.Y. Asphalt Surface Removed
13. 78 S.Y. " Mat "
14. 209 L.F. Combined Cb. & Gtr. Removed
15. 146 S.F. Walk & Drive Removed.
16. - Clearing Right of Way
17. 1367 C.Y. Sub-grade Modification
18. 4245 L.F. Parking Stall Stripeing

Mechanical Work: (Storm Water Sewer & Area Water System)

1. 1 ea. Type (A) Manhole
2. 520 L.F. 15" R.C.P.
3. 4 Double 2'x2' Drop Inlets
4. 3 2'x5' Inlets
5. 612 tons Sand Backfill
6. 520 L.F. Flushing
7. 340 L.F. 1¼" Plastic Pipe (installed)
8. 4 ea. Street Washers "
9. 4 C.Y. 2 Sk. Concrete
10. 2 ea. 2'x5' Inlets Removed
11. 4 ea. pipe plugs

Electrical Work:

1. 1068 L.F. #8 Wire (installed)
2. 287 L.F. ¾" PVC, rigid Conduit (installed)
3. 282 L.F. 2" hot-dipped galv. stl. rigid conduit (installed)
4. 2 ea. Light Stds. (Complete) (posts, fixtures, conc. base, fittings & etc.)
5. 2 ea. Light Std. Revisions

CIVIC CENTER PARKING LOT

N.L. Waterman St. to S.L. English St.

CITY OF WICHITA, KANSAS

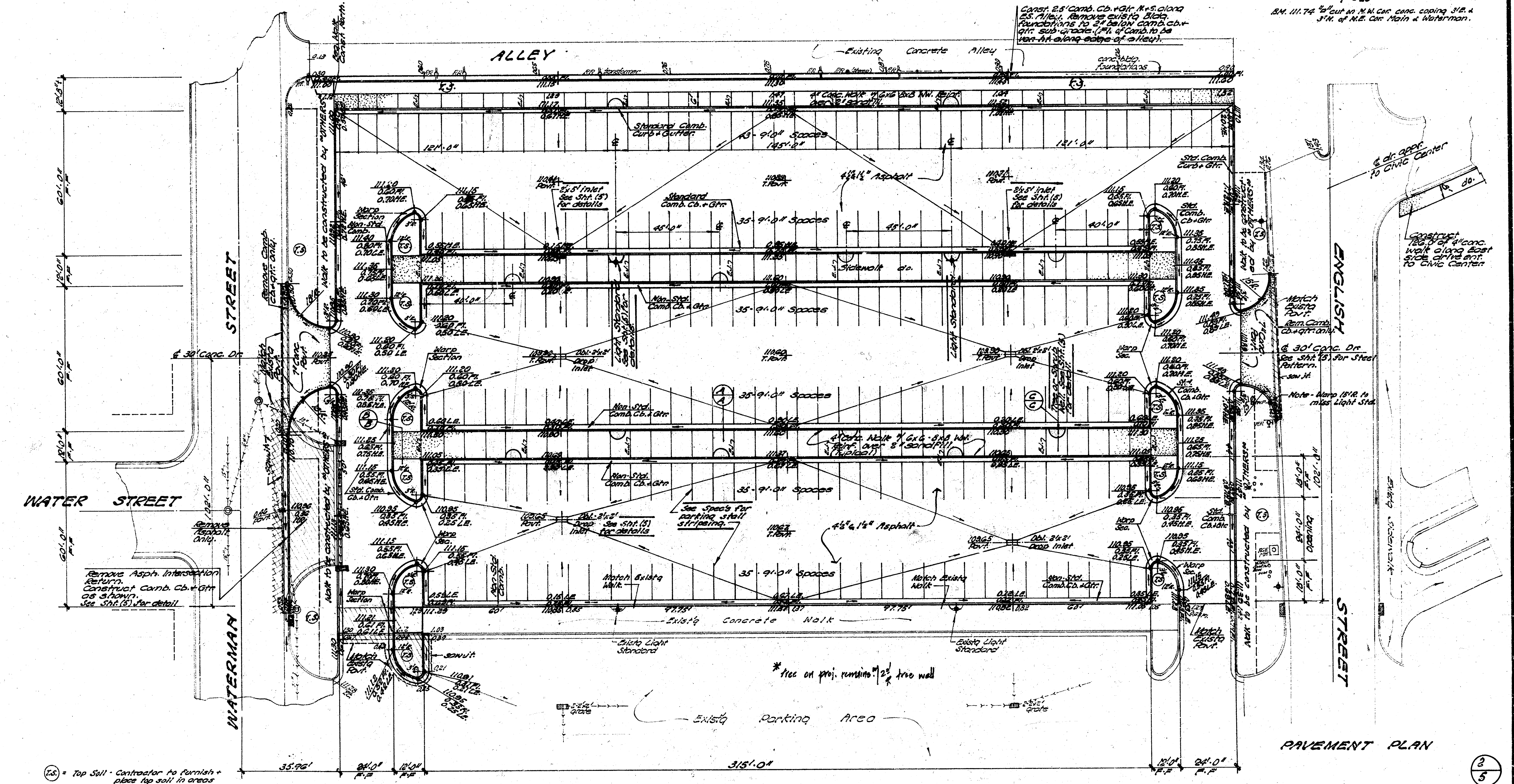
B.E. Smith City Engineer

Date: Nov. 1969 Proj. No.

1/5

15 sets – Engr
1 " – Water

Survey
Plan Scol.
Exc
Checked



Const. 2.5' Comb. Cb. + Gtr. N. + S. along E.S. Alley. Remove exist'g Bldg. foundations to 2" below comb. cb. + gtr. sub-grade. (Fl. of Comb. to be ~~var. ht. along edge of alley~~).

B.M. 111.74 "□" cut on N.W. Cor. conc. coping 3'E. & 3'N. of N.E. Cor. Main & Waterman.

Remove Asph. Intersection Return. Construct Comb. Cb. + Gtr as shown. See Sht. (5) for detail

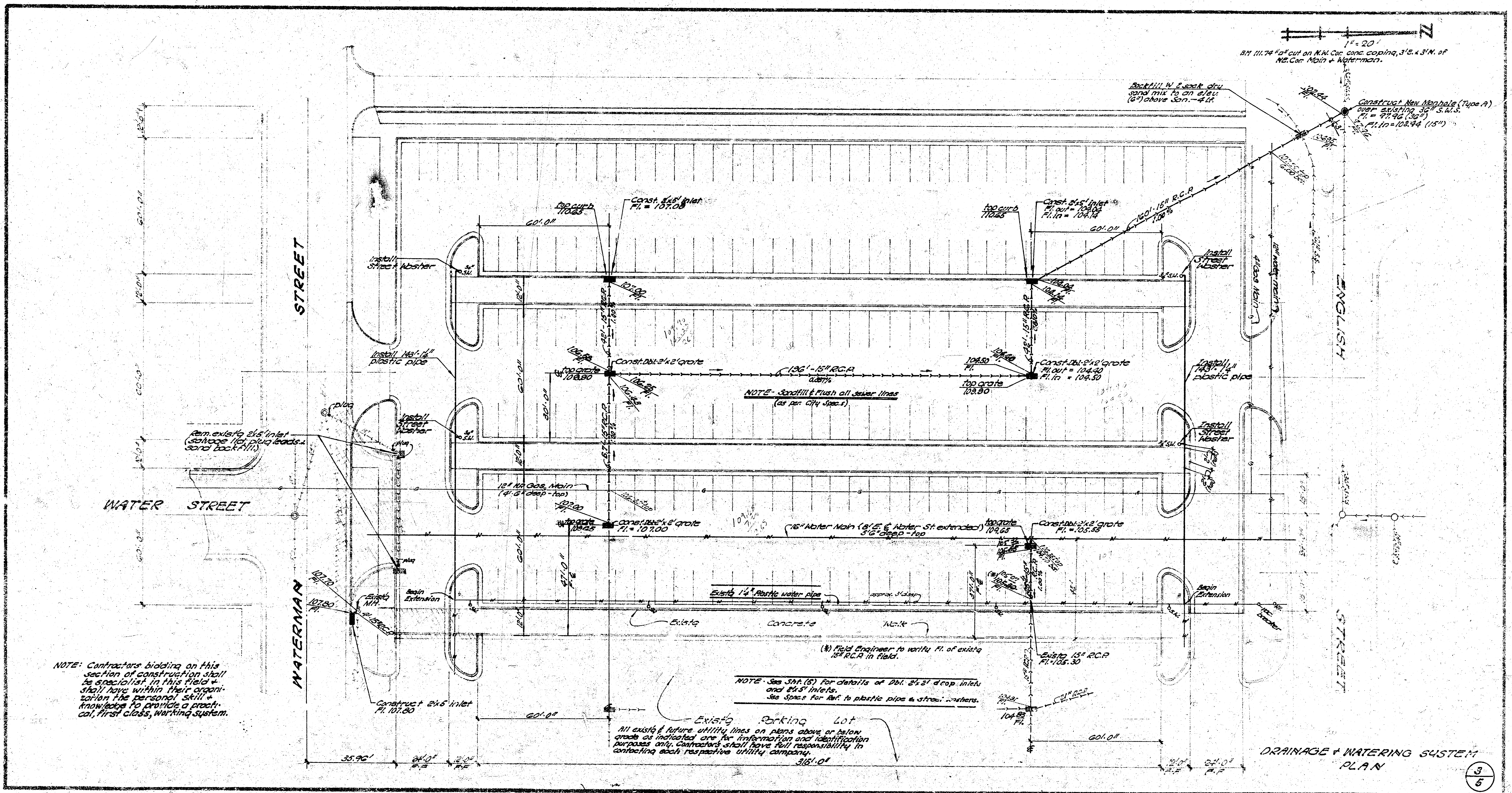
Construct 126.0' of 4" conc. walk along East side drive ent. to Civic Center

* tree on proj. remains w/ 2½' tree well

(T.S.) = Top Soil - Contractor to furnish + place top soil in areas indicated.

PAVEMENT PLAN

2/5



BM 111.74 "□" cut on N.W. Cor. conc. coping, 3' E. x 3' N. of NE. Cor. Main + Waterman.

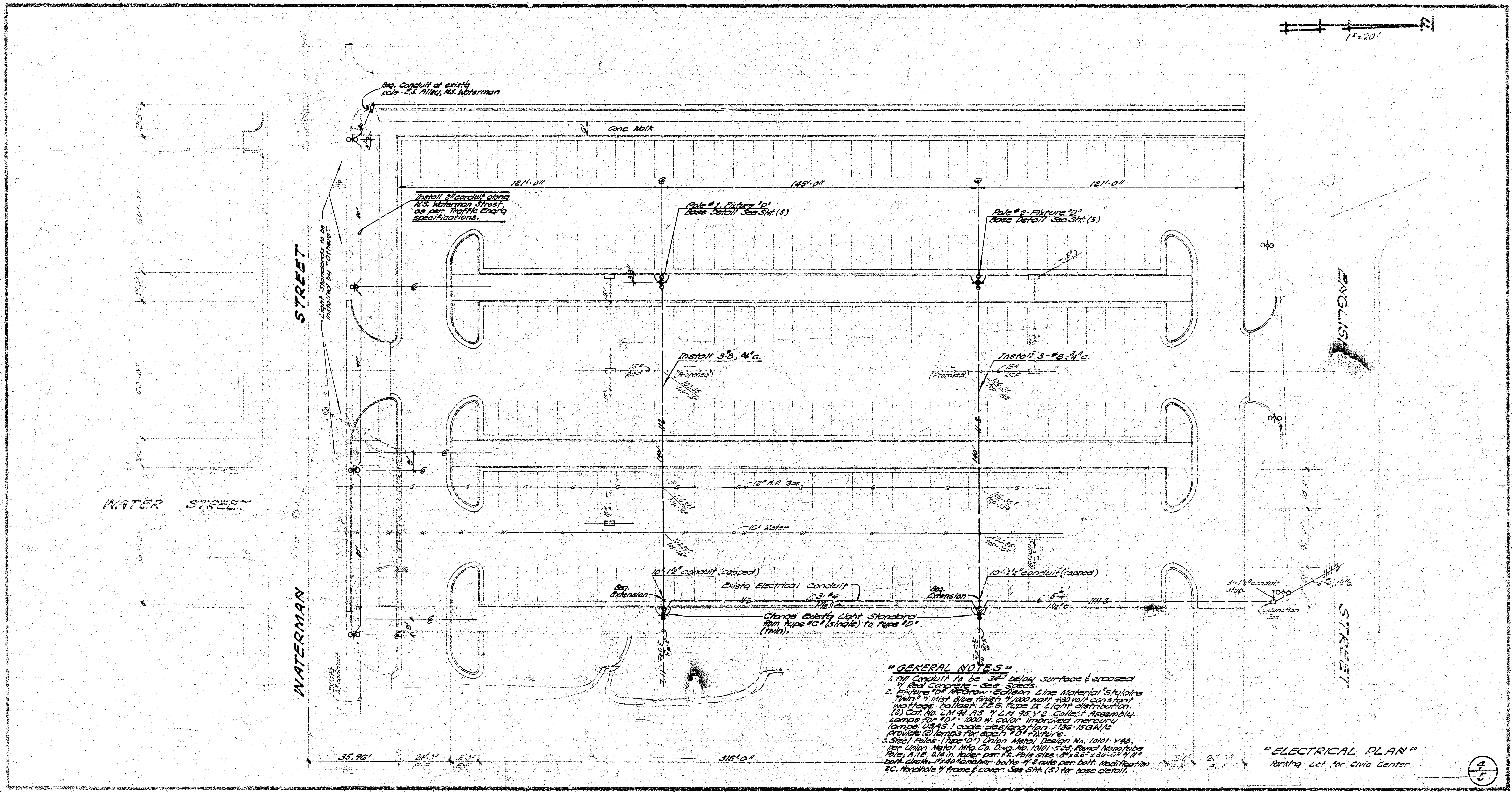
NOTE: Contractors bidding on this section of construction shall be specialist in this field + shall have within their organization the personel skill + knowledge to provide a practical, first class, working system.

(*) Field Engineer to verify Fl. of existg 15" R.C.P. in field.

NOTE · See Sht. (5) for details of Dbl. 2'x2' drop inlets and 2'x5' inlets.
See Spec.s for Ref. to plastic pipe & street washers.

All existg & future utility lines on plans above or below grade as indicated are for information and identification purposes only. Contractors shall have full responsibility in contacting each respective utility company.

DRAINAGE + WATERING SYSTEM
PLAN


1" = 20'
Beg. Conduit at exist'g pole - E.S. Alley, N.S. Waterman
Conc. Walk
121'-0"
145'-0"
121'-0"
Install 2" conduit along N.S. Waterman Street, as per Traffic Eng'g specifications.
Light Standards to be installed by "Others"
Pole #1, Fixture "D" Base Detail See Sht. (5)
Pole #2 - Fixture "D" Base Detail See Sht. (5)
Install 3-#8, 3/4"C.
Install 3-#8, 3/4"C.
(Proposed)
15" RCP
107.35 top-15"
106.35 top-15"
12" H.P. Gas
16" Water
10'-1 1/2" conduit (capped)
10'-1 1/2" conduit (capped)
Beg. Extension
Beg. Extension
Exist'g Electrical Conduit
3-#4 1 1/2"C
5-#4 1 1/2"C
Change Exist'g Light Standard from type "C" (single) to type "D" (twin).
5-1 1/2" conduit stub
Junction Box
5-#4, 1 1/2"C.
WATER STREET
WATERMAN STREET
ENGLISH STREET
35.90'
316'-0"

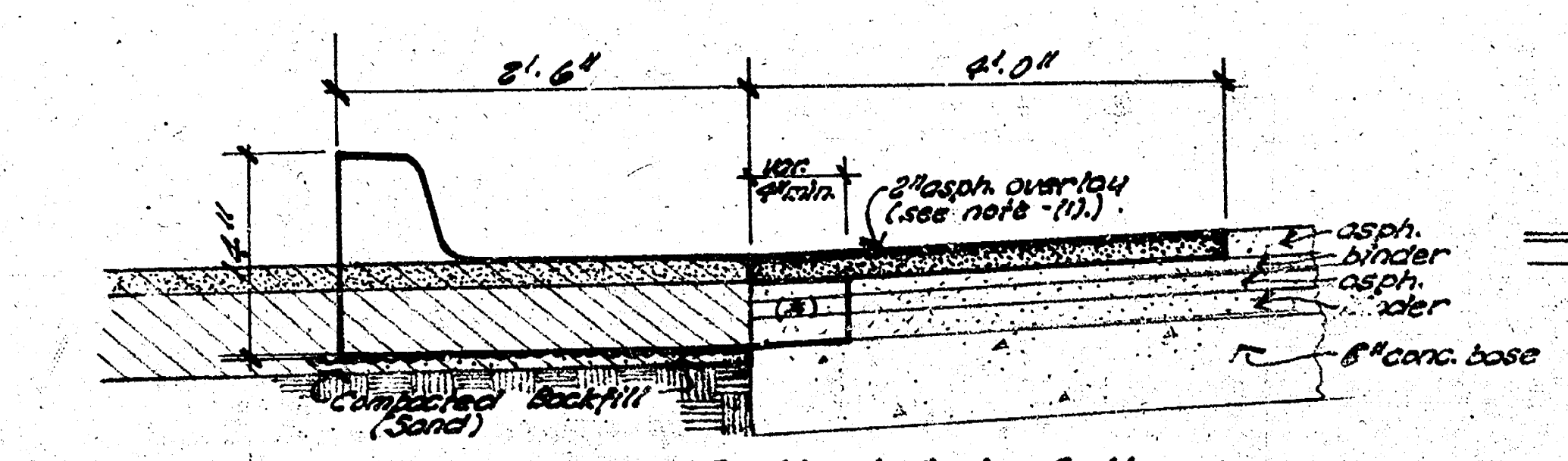
"GENERAL NOTES"

1. All Conduit to be 24" below surface & encased w/ Red Concrete - See Specs.
2. Fixture "D" McGraw-Edison Line Material "Stylaire Twin" w/ Mist Blue finish w/ 1000 watt 480 volt constant wattage ballast. I.E.S. type IX Light distribution. (2) Cat. No. LM 41 A5 w/ LM 95 Y 2 Collect Assembly. Lamps for "D" - 1000 W. color improved mercury lamps. USAS code designation H36-15GW/C. provide (2) lamps for each "D" fixture.
3. Steel Poles - (type "D") Union Metal Design No. 10101 - Y48, per Union Metal Mfg. Co. Dwg. No. 10101 - S25; Round Monotube Pole; A11E, 0.14 in. taper per ft. Pole size - 8" x 3.5" x 30'-0" w/ 11" bolt circle; 1" x 40" anchor bolts w/ 2 nuts per bolt. Modification 2C, Handhole w/ frame & cover. See Sht. (5) for base detail.

"ELECTRICAL PLAN"

Parking Lot for Civic Center

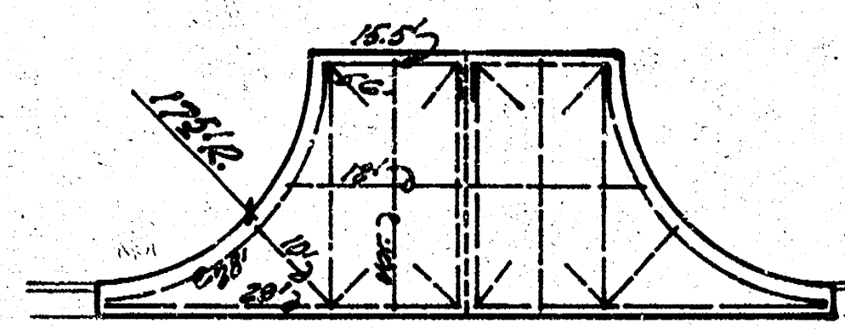
4/5



1. Rem. exist'g Street Return & asph. surface as shown on plan. Rem. exist'g surface as necessary to facilitate (2") asph. overlay.

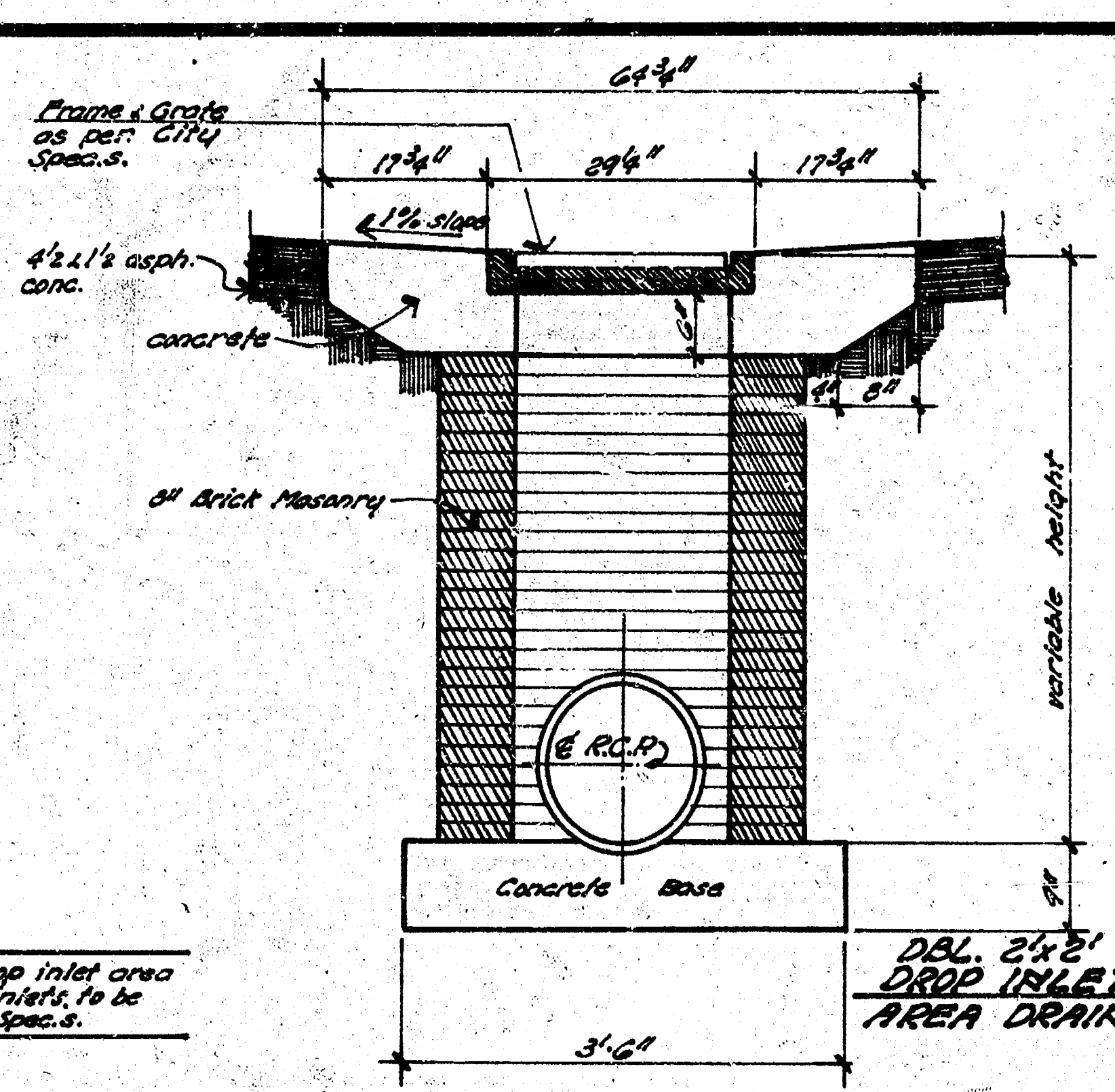
Combined Curb & Gutter Construction on (Waterman St.)

(*) extra conc. to be incidental to project.



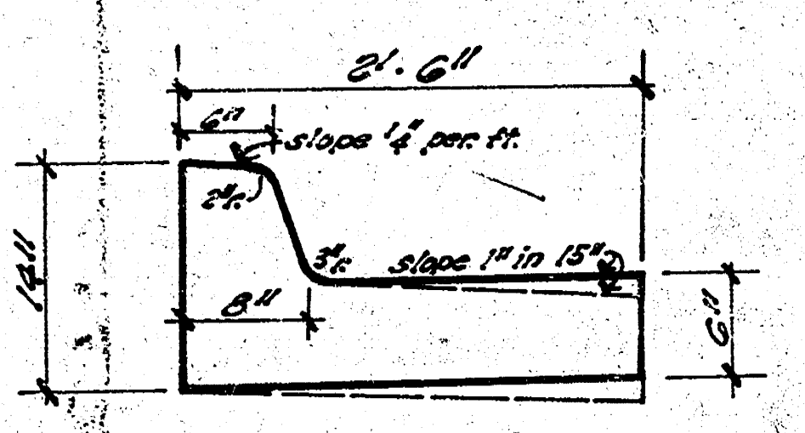
"Steel Pattern"
(7" Concrete Drive Appr's)

Construct (2) 30'-0" Conc. Drives, drives to be 7" conc. & int. cb.

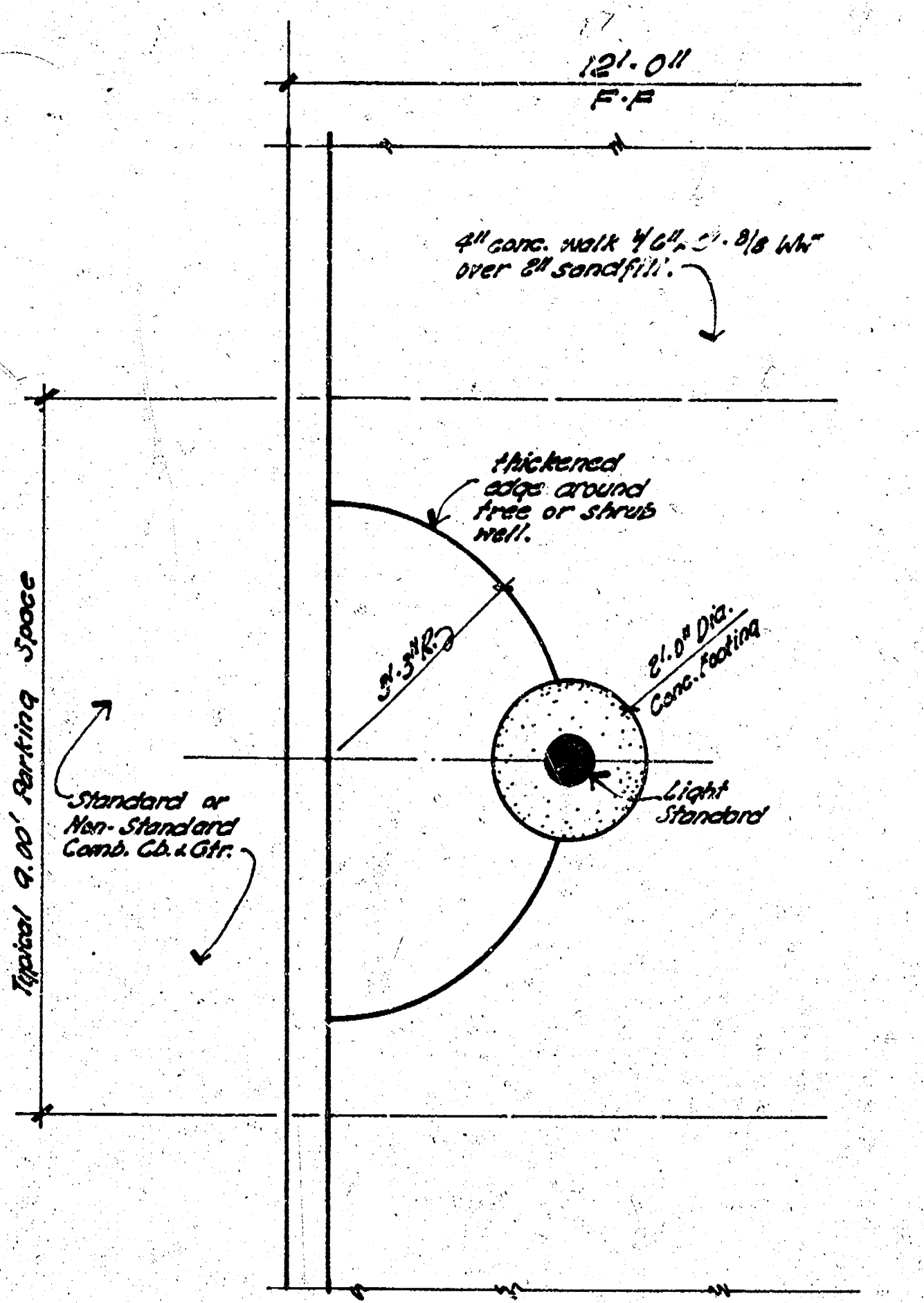


DBL. 2'x2' DROP INLET AREA DRAIN

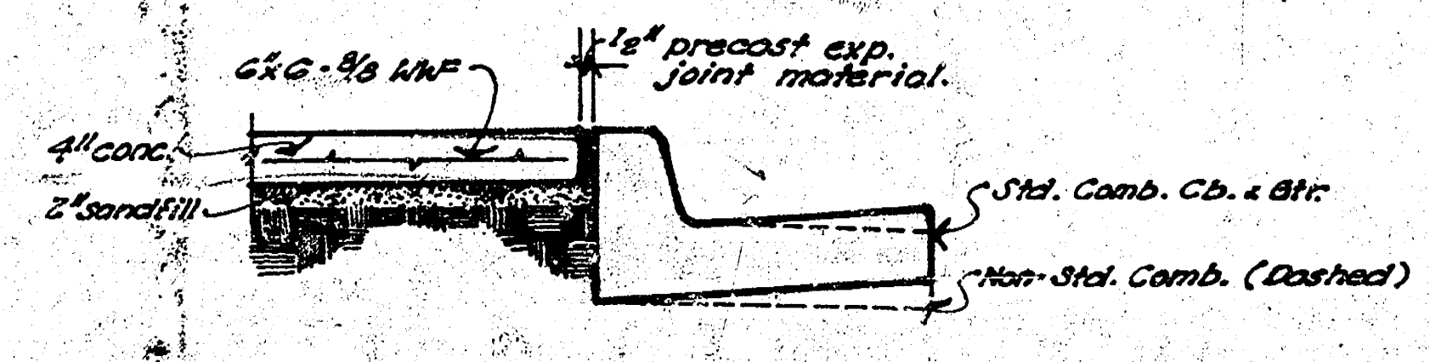
NOTE - Manholes, drop inlet area drains, 2'x5' inlets to be as per City Spec.s.



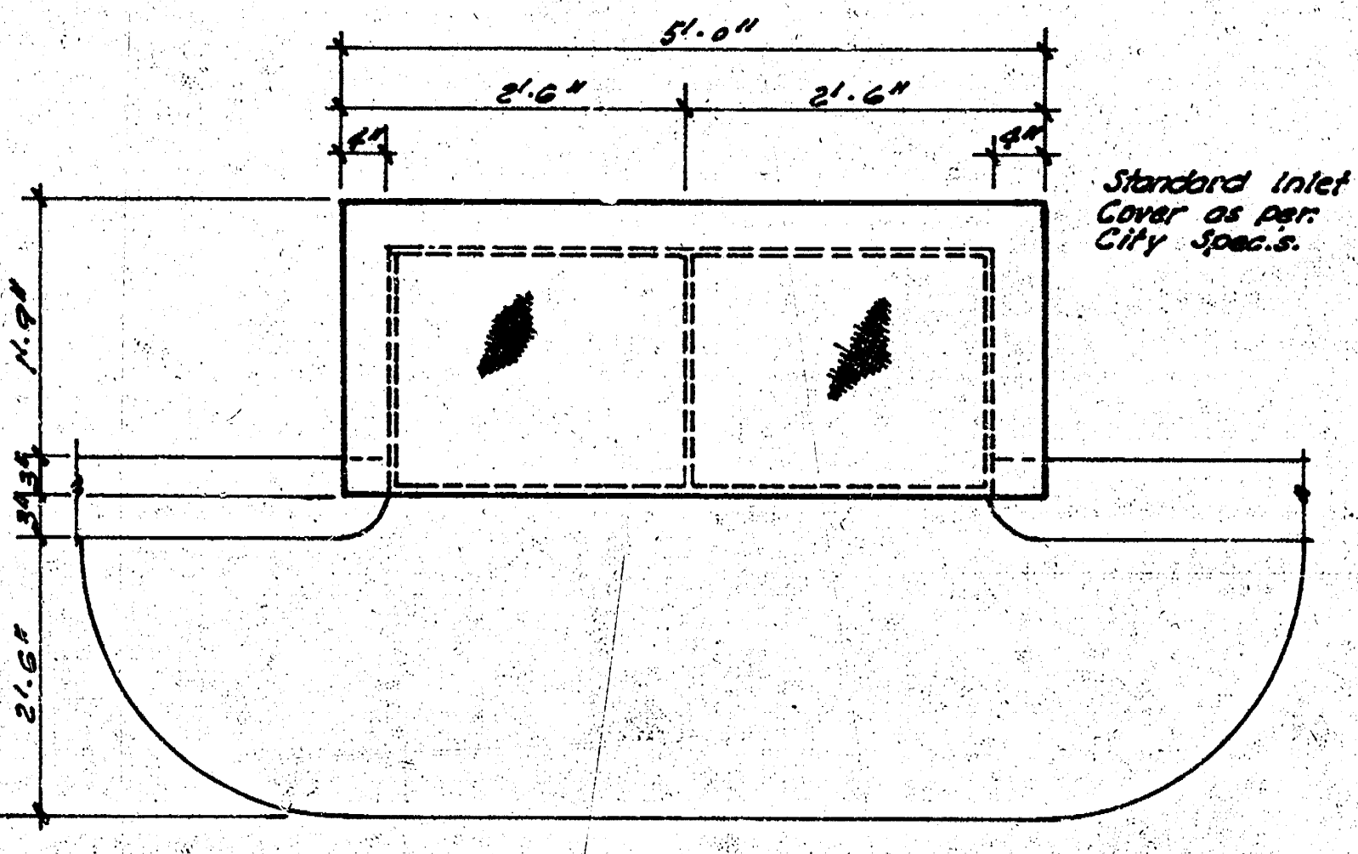
Std. Combined Curb & Gutter
Note - Non-Std. Combined Curb & Gutter shown by dashed lines.

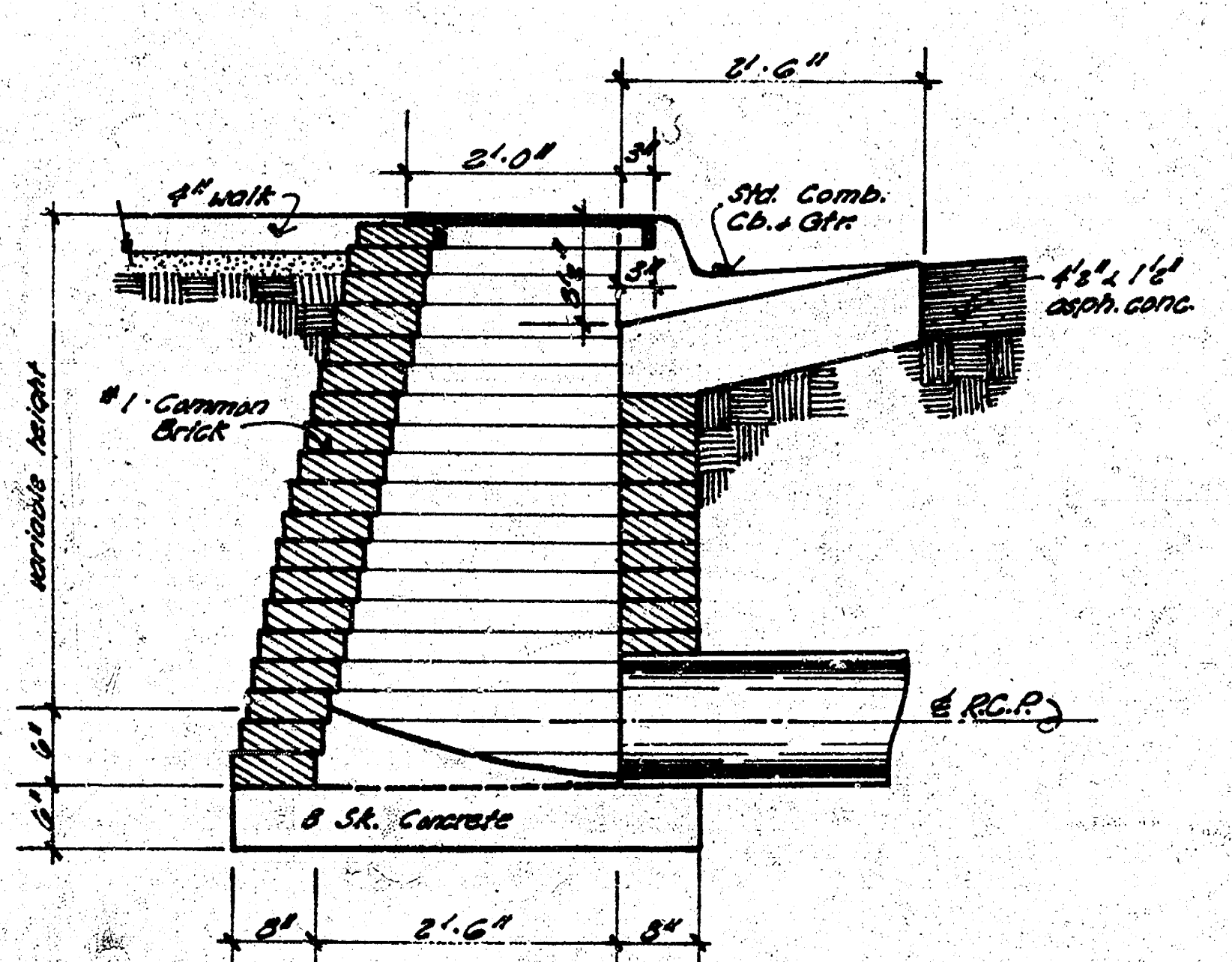

12'-0"
F-F
4" conc. walk w/ 6"x6"-8/8 WWF over 8" sandfill.
thickened edge around tree or shrub well.
3'-3" R.
2'-0" Dia. Conc. footing
Light Standard
Typical 9.00' Parking Space
Standard or Non-Standard Comb. Cb. & Gtr.

(C/C) LIGHT STANDARD & TREE WELL DETAIL
(See Sheets (2) & (4) for Location)

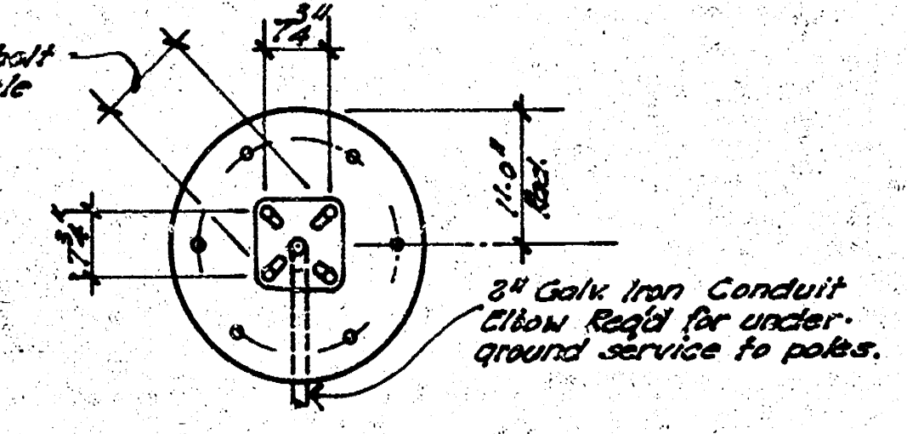


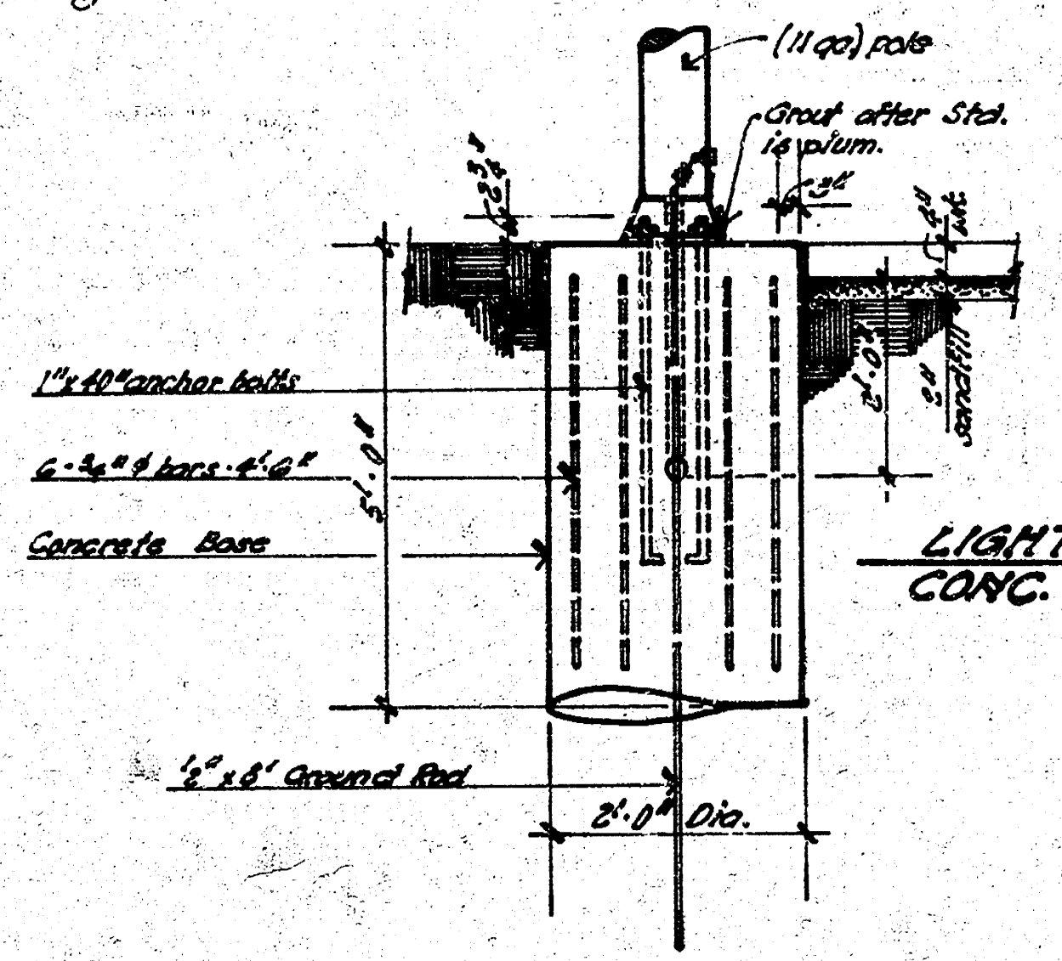
(A/A) Conc. Walk Detail
(Type - A -)



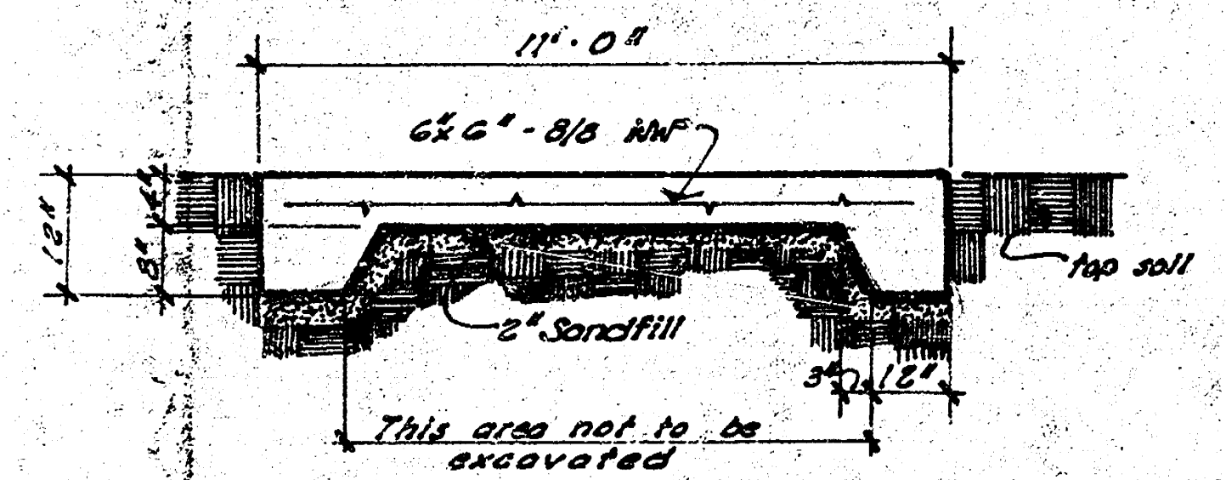


2'x5' INLET DETAIL


11" bolt circle
3/4
7 1/4
7 1/4
11.0" Rad.
2" Galv. Iron Conduit Elbow Req'd for underground service to poles.



LIGHT STANDARD CONC. BASE DETAIL



(B/B) Thickened Walk Detail
(Type - B -)

GENERAL NOTES (Light Standard)

1. Conc. Reference Specs.
2. Concrete shall be tamped.
3. Anchor Bolts shall be set with template.
4. Steel Standard shall be plum on two vertical planes 90° apart.
5. Install stud clamp L7-2468, for grounding out nut provided inside of the pole.
6. 0.67 CY. conc. per base.
7. 27 Lf. - 3/4" ⌀ bar per base.

GENERAL NOTES (Concrete Sidewalk)

1. 4" Concrete Walks to be broom finish, gray portland.
2. Walks to be reinforced w/ 6x6-8/8 wire mesh - mesh included in "Lump Sum" Pavement Bid.
3. Do not excavate area beneath walks, make fill when necessary.