

**LEGEND**

- ◆ Traffic Signal
- Sign Post
- ⊞ Fire Hydrant
- ◆ Light Standard
- ◆ Valve / Vent
- Parking Meter
- ⊞ Door
- ..... Window
- ⊞ Tree In Planter Area
- Existing Water Line
- Existing Storm Sewer Line
- Existing Telephone Line
- Existing Electric Line
- Existing Gas Line
- Existing Sanitary Sewer Line

- ⊞ Proposed # of Parking Stalls
- Proposed Light Pole w/Single Fixture (Light Fixture 2)
- Proposed Light Pole w/Single Fixture & Single Parking Meter (Light Fixture 2)
- Proposed Light Pole w/Single Fixture & Double Parking Meter (Light Fixture 2)
- ⊞ Proposed Tree Pit w/Ornamental Curb
- ⊞ Proposed Fire Hydrant Relocation
- ⊞ Proposed Double Parking Meter (Should be 11' x 11')
- ⊞ Proposed Mailbox Relocation
- ⊞ Proposed Traffic Signals w/Size & Direction
- Proposed Taxi Cab Location
- ⊞ Proposed Brick Band
- ⊞ Proposed Z-Brick Pavement
- ⊞ Proposed Concrete Handicap Ramp Type "A"
- ⊞ Proposed Concrete Handicap Ramp w/Brick Band Type "A"
- ⊞ Detail Number Sheet Number



NO.	DATE	DESCRIPTION

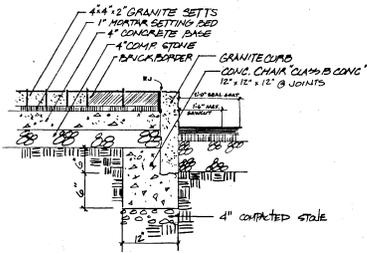
**ASDA ENGINEERS, INC.**  
 1000 EASTERN AVENUE, SUITE 200  
 ANNAPOLIS, MARYLAND 21403  
 PHONE: 410-291-1100  
 FAX: 410-291-1101  
 WWW.ASDA-ENR.COM

**DE PALLO**  
 DESIGN & PLANNING  
 1450 ANNAPOLIS AVENUE, SUITE 200  
 ANNAPOLIS, MARYLAND 21403  
 PHONE: 410-291-1100  
 FAX: 410-291-1101  
 WWW.DEPALLO.COM

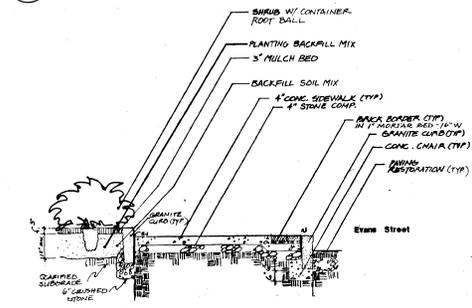
**POTTSTOWN**  
 DOWNTOWN IMPROVEMENTS

SHEET NO.  
**S1**

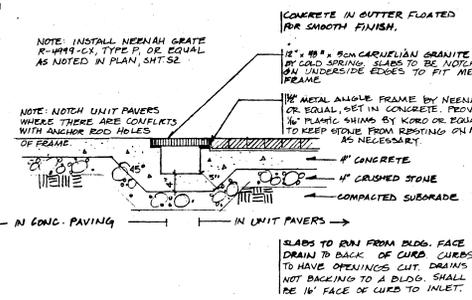
LAYOUT PLAN  
 Hanover Street to Penn Street



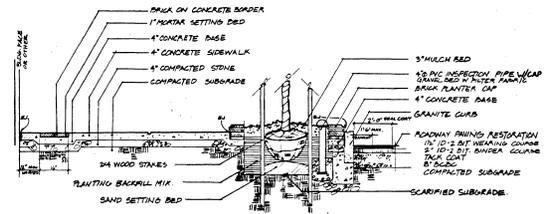
10 GRANITE SETTS DETAIL NTS



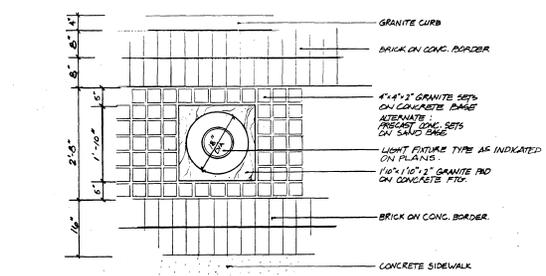
9 SIDEWALK SECTION DETAIL - EVANS STREET - NTS



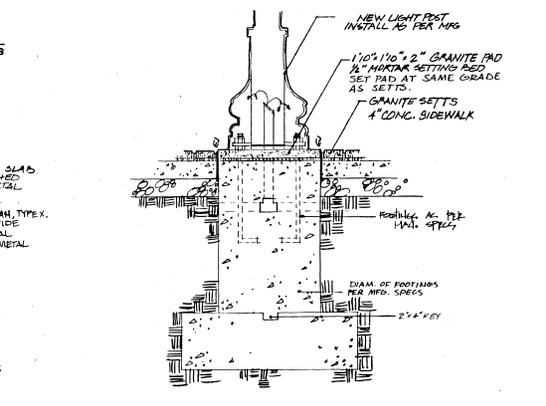
8 GRANITE GUTTER DETAIL NTS



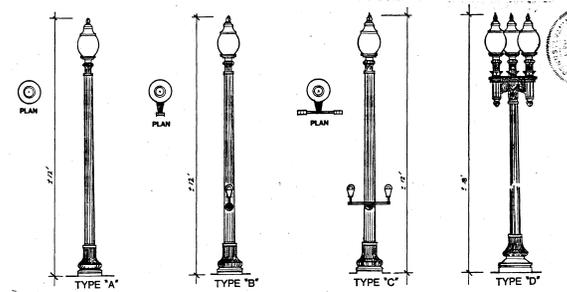
7 SIDEWALK SECTION DETAIL NTS



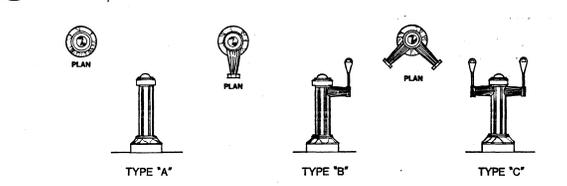
6 BASE FOR LIGHT DETAIL NTS



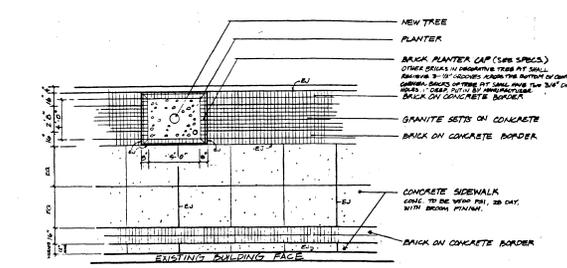
5 LIGHT FOUNDATION DETAIL NTS



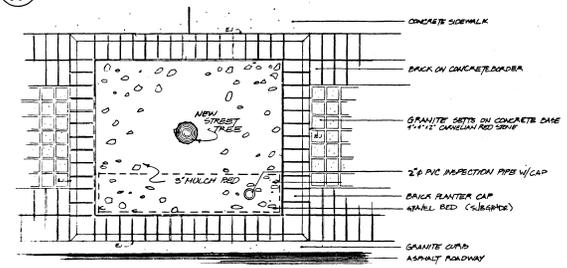
4 LIGHT FIXTURE DETAIL NTS



3 BOLLARD DETAIL NTS



2 SIDEWALK DETAIL NTS



1 TREE PIT DETAIL NTS

REV. OR ISSUE TITLE  
 SITE DETAILS  
 Charlotte, N.C. to Evans St.

AROMA ENGINEERS, INC.  
 2700 W. DORCHESTER BLVD., SUITE 100  
 CHARLOTTE, N.C. 28207  
 (704) 366-1111  
 FAX (704) 366-1112

DETAILED DESIGN  
 PLANNING

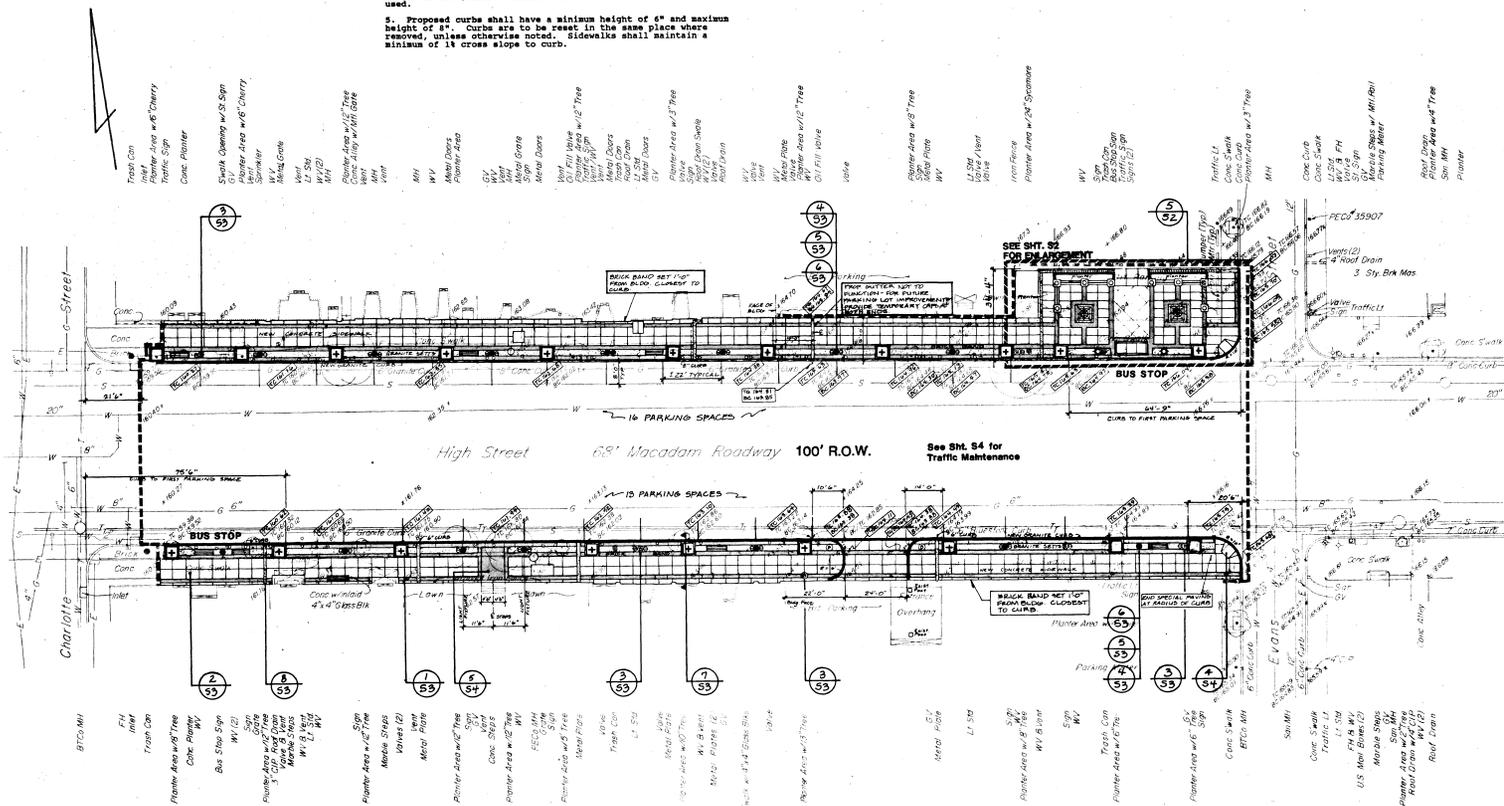
**POTTSTOWN**  
 DOWNTOWN IMPROVEMENTS

SHEET NO.  
**S3**



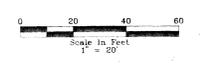
**NOTES**

1. Written dimensions shall prevail. The contractor shall notify the Landscape Architect immediately if any conflicts in layout arise in the field.
2. All angles are 90° unless noted otherwise.
3. Location of all utilities are to be verified by the contractor in the field prior to the start of any construction. The contractor shall determine whether existing utility lines are in use.
4. Functioning valves, meters, vents, grates and manholes shall be set to new grades. Abandon valves, meters and vents not being used.
5. Proposed curbs shall have a minimum height of 4" and maximum height of 8". Curbs are to be reset in the same place where removed, unless otherwise noted. Sidewalks shall maintain a minimum of 1% cross slope to curb.
6. Refer to specifications for underground basements requiring special attention.
7. Trash receptacles shall be removed, stored at a place specified by the Borough, and reinstalled by the contractor at locations specified by the Borough.
8. Asphalt restoration to occur in 18" strips along curb lines in roadbed for length of project.
9. Existing grades are to be matched at the building line, project limit line and bottom of curb unless otherwise noted.



**LEGEND**

◆ Traffic Signal	— W —	—	Exist Water Line	□	Prop. Berth of Location
◆ Sign Post	— F —	—	Exist Telephone Line	□	Prop. Brick Band
◆ Fire Hydrant	— G —	—	Exist Electric Line	□	Prop. Light Fixture 'D'
◆ Light Standard	— S —	—	Exist Gas Line	□	Detail #
◆ Valve/Vent	—	—	Exist Sanitary Line	□	Prop. Tree Pit with
◆ Parking Meter	—	—	Proposed Line Line	□	Concrete/Asphalt Curb
◆ Door	—	—	Prop. Light Fixture (CA)	□	Prop. Concrete Curb
◆ Window	—	—	Prop. Light Fixture w/ single Parking Meter (C0)	□	Concrete Set Band
◆ Tree in Planter Area	—	—	Prop. Light Fixture w/ Double Parking Meter (C0)	□	Prop. Asphalt
◆ Trash Can	—	—	Prop. Light Fixture w/ Double Parking Meter (C0)	□	Prop. Berth of Single Meter
			Prop. Berth of Double Meter		



REV.	OR	ISSUE	TITLE

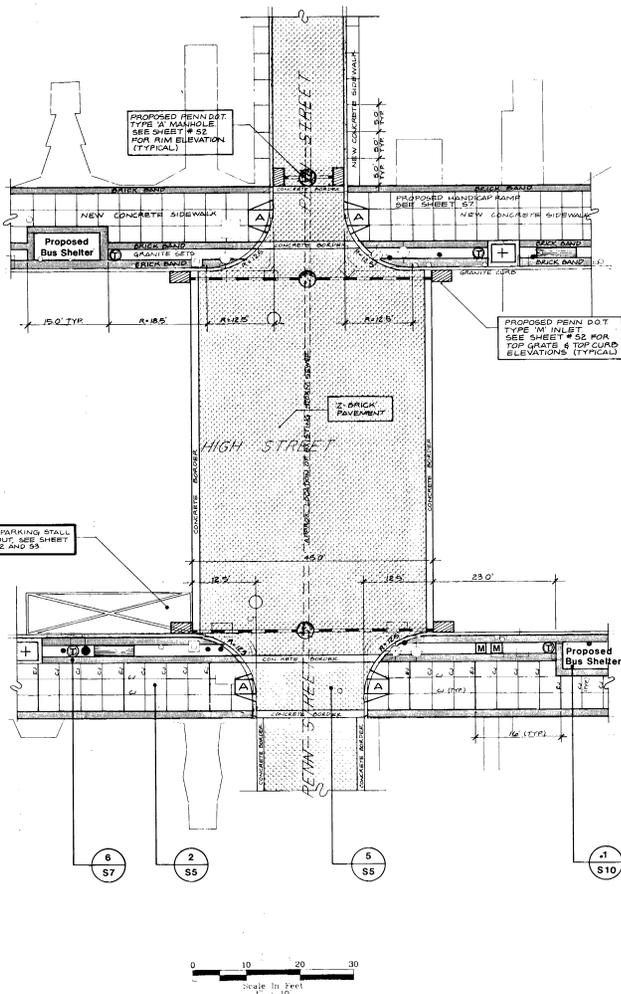
**AROMA ENGINEERS, INC.**  
 PROFESSIONAL ENGINEERS  
 1000 N. 10TH ST., SUITE 200  
 CHARLOTTE, NC 28202  
 TEL: 704.375.1111  
 FAX: 704.375.1112

**DE PALLO DESIGN PLANNING**  
 1000 N. 10TH ST., SUITE 200  
 CHARLOTTE, NC 28202  
 TEL: 704.375.1111  
 FAX: 704.375.1112

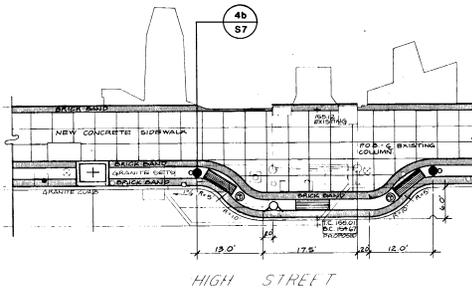
**POTTSTOWN IMPROVEMENTS**

**POTTSTOWN**  
 DOWNTOWN IMPROVEMENTS  
 SHEET NO. **S1**

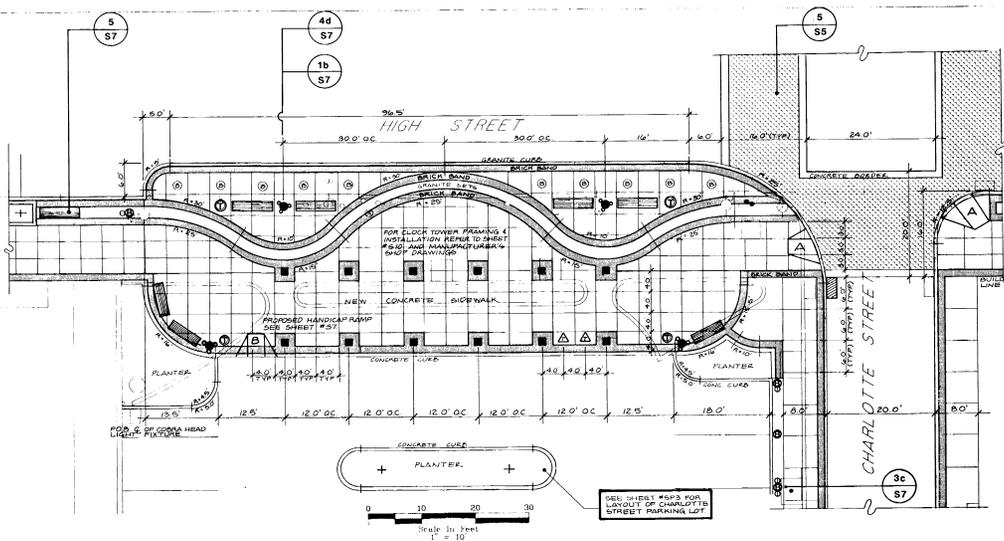
Charlotte, N.C. 28202



1 PENN STREET INTERSECTION DETAIL  
SCALE AS SHOWN



2 HIGH STREET PARKETTE DETAIL  
SCALE AS SHOWN



3 CLOCK TOWER PLAZA DETAIL  
SCALE AS SHOWN

REV.	DATE	ISSUED BY	CHKD BY

DETAIL SHEET

ADRIAN ENGINEERS, INC.  
REGISTERED PROFESSIONAL ENGINEERS  
REGISTERED PROFESSIONAL ARCHITECTS  
REGISTERED PROFESSIONAL LANDSCAPE ARCHITECTS  
REGISTERED PROFESSIONAL PLANNERS  
1000 W. 10TH STREET  
ANN ARBOR, MI 48106  
PH: 734.769.1000  
WWW.AEINC.COM

CONSTRUCTION MANAGEMENT & SUPERVISION, INC.  
REGISTERED PROFESSIONAL ENGINEERS  
REGISTERED PROFESSIONAL ARCHITECTS  
REGISTERED PROFESSIONAL LANDSCAPE ARCHITECTS  
REGISTERED PROFESSIONAL PLANNERS  
1000 W. 10TH STREET  
ANN ARBOR, MI 48106  
PH: 734.769.1000  
WWW.CMSI.COM



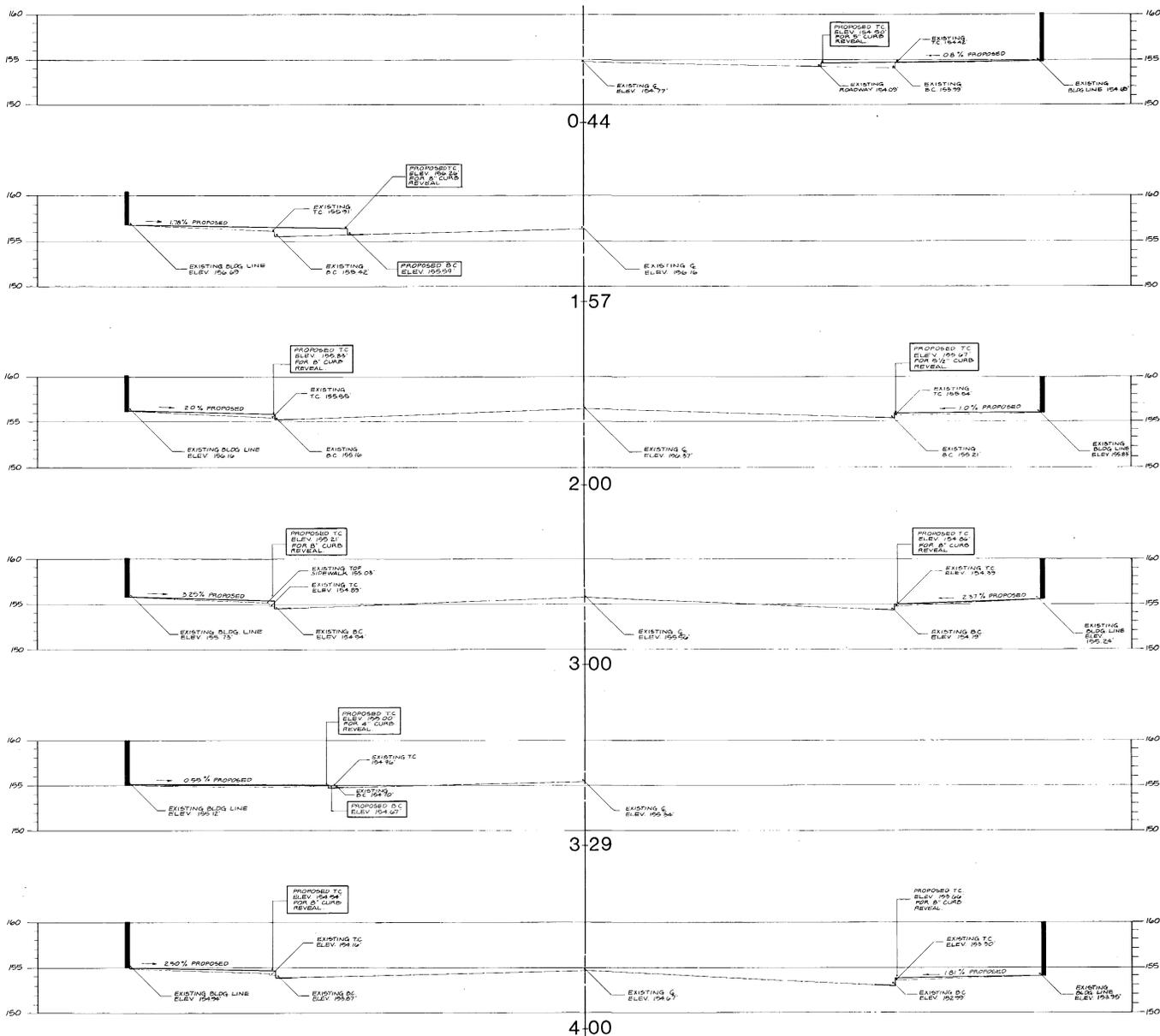
DE PALO  
REGISTERED PROFESSIONAL ENGINEER  
1000 W. 10TH STREET  
ANN ARBOR, MI 48106  
PH: 734.769.1000  
WWW.DEPALO.COM

POTTSTOWN  
DOWNTOWN IMPROVEMENTS

SHEET NO.  
**S4**

NORTH SIDE

SOUTH SIDE



SCALE: HORIZONTAL 1"=5'  
VERTICAL 1"=5'

REV.	OR	ISSUE	DATE

**CROSS SECTIONS**  
Station 0+44 to Station 4+00

DE PALLO ENGINEERS, INC.  
1000 W. BROADWAY, SUITE 100  
HOUSTON, TEXAS 77002  
PH: 713.592.1111  
WWW.DEPALLO.COM

DE PALLO ENGINEERS, INC.  
1000 W. BROADWAY, SUITE 100  
HOUSTON, TEXAS 77002  
PH: 713.592.1111  
WWW.DEPALLO.COM

DE PALLO ENGINEERS, INC.  
1000 W. BROADWAY, SUITE 100  
HOUSTON, TEXAS 77002  
PH: 713.592.1111  
WWW.DEPALLO.COM



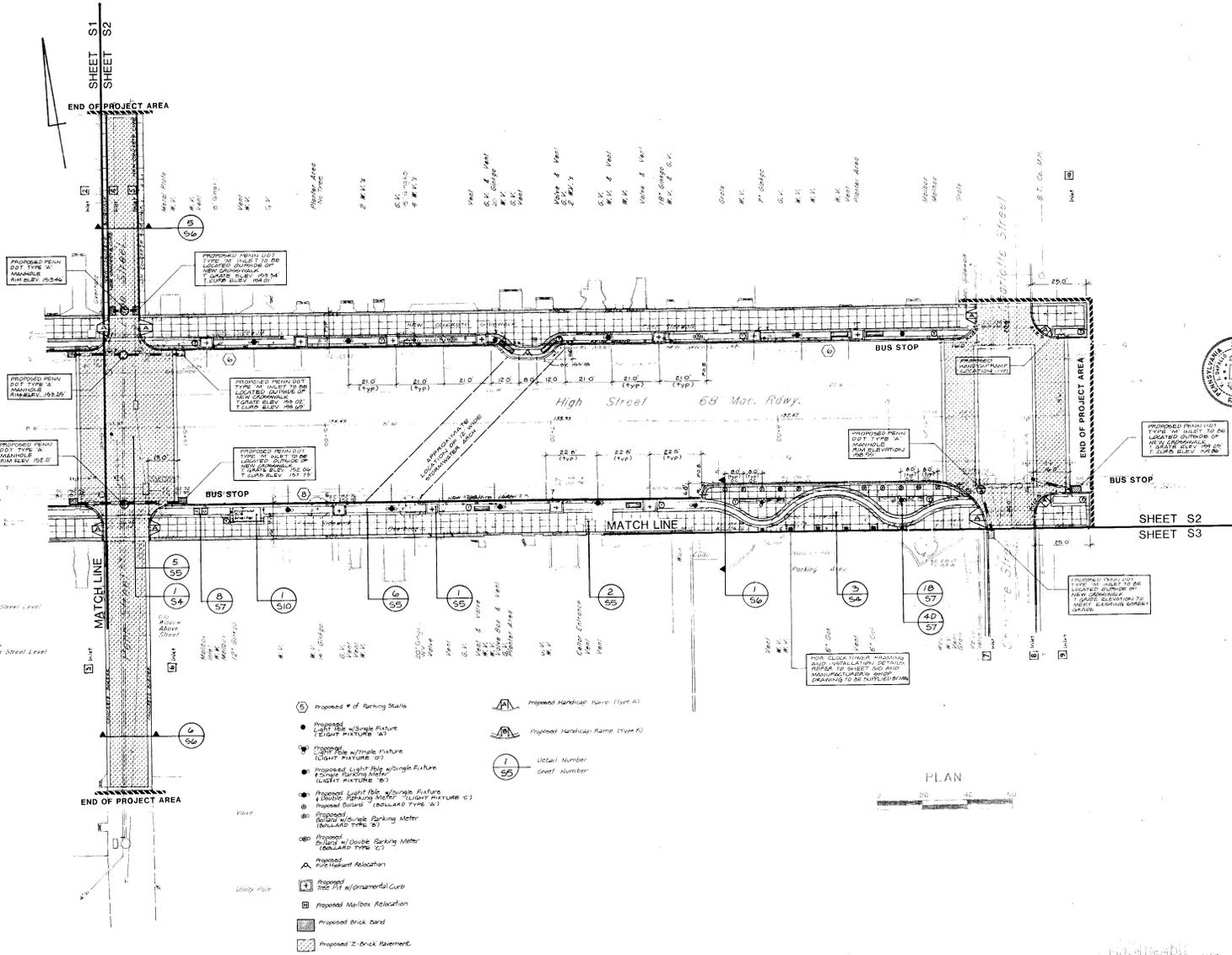
DE PALLO ENGINEERS, INC.  
1000 W. BROADWAY, SUITE 100  
HOUSTON, TEXAS 77002  
PH: 713.592.1111  
WWW.DEPALLO.COM

**POTTSTOWN**  
DOWNTOWN IMPROVEMENTS

SHEET NO.  
**S8**

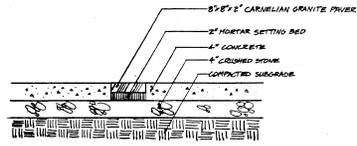
**LEGEND**

- ◆ Traffic Signal
- Sign Post
- ⊗ Fire Hydrant
- ◇ Light Standard
- Valve / Vent
- ⊙ Parking Meter
- ⊠ Door
- ..... Window
- ⊙ Tree in Planter Area
- Existing Water Line
- Existing Storm Sewer Line
- Existing Telephone Line
- Existing Electric Line
- Existing Gas Line
- Existing Sanitary Sewer Line

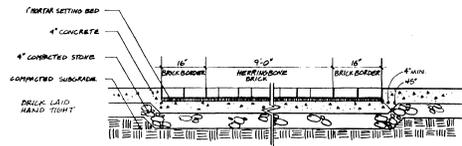
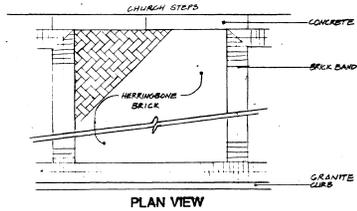


- ⊙ Proposed # of Parking Stalls
- Proposed Light Pole w/Single Fixture (Light Fixture 1A)
- Proposed Light Pole w/Double Fixture (Light Fixture 1B)
- Proposed Light Pole w/Single Fixture (Light Fixture 1C)
- Proposed Sign (BOLLARD TYPE A)
- Proposed Sign (BOLLARD TYPE B)
- Proposed Sign (BOLLARD TYPE C)
- Proposed Double Parking Meter (BOLLARD TYPE D)
- Proposed Single Parking Meter (BOLLARD TYPE E)
- Proposed Double Parking Meter (BOLLARD TYPE F)
- Proposed Sign Relocation
- Proposed 12" P.C. w/Ornamental Cap
- Proposed Mailbox Relocation
- Proposed Brick Band
- Proposed 2" Brick Pavement
- ⊠ Proposed Handicap Ramp (Type A)
- ⊠ Proposed Handicap Ramp (Type B)
- ⊙ Vicinal Number
- ⊙ Sheet Number

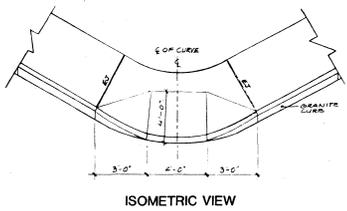
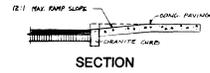
REV. OR ISS. #	TITLE
1	LAYOUT PLAN
2	from Street to Church Street
<p><b>POTTSTOWN</b> DOWNTOWN IMPROVEMENTS</p>	
SHEET NO. <b>S2</b>	



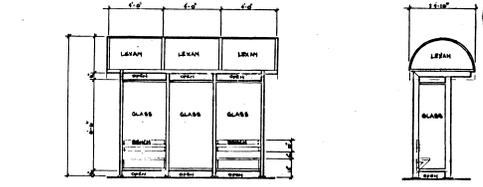
6  
S4 PLAZA PAVING DETAIL - CONCRETE/GRANITE SETTS  
NTS.



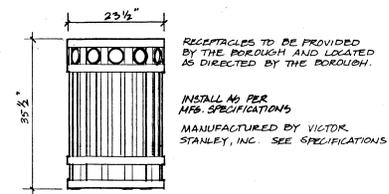
5  
S4 BRICK PAVING DETAIL- CHURCH  
NTS.



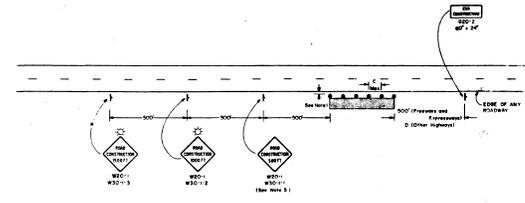
4  
S4 HANDICAPPED RAMP DETAIL  
SCALE: 1/4" = 1'-0"



3  
S4 BUS SHELTER DETAIL  
NTS.



2  
S4 TRASH RECEPTACLE DETAIL  
NTS.



**SYMBOLS**

Symbol	W10-1	W10-2	W10-3
1	3	2	1
2	1	1	1
3	1	1	1
4	1	1	1
5	1	1	1
6	1	1	1
7	1	1	1

**NOTES**

- This sign station for a temporary situation subject to any restriction. However, the traffic control device presented in this sheet is not intended to be used in any situation where the traffic sign is not intended to be used.
- All dimensions are in feet unless otherwise specified.
- All signs shall be a minimum size of 36" x 48" for temporary and permanent, and 36" x 36" minimum for all other signs.
- The sign station shall not be used where it is not intended to be used, unless otherwise specified.
- The sign station shall be used in accordance with the Manual on Uniform Traffic Control Devices (MUTCD).
- The sign station shall be used in accordance with the Manual on Uniform Traffic Control Devices (MUTCD).
- The sign station shall be used in accordance with the Manual on Uniform Traffic Control Devices (MUTCD).

1  
S4 TRAFFIC MAINTENANCE DETAIL  
NTS.



REV. OR ISSUE	TITLE

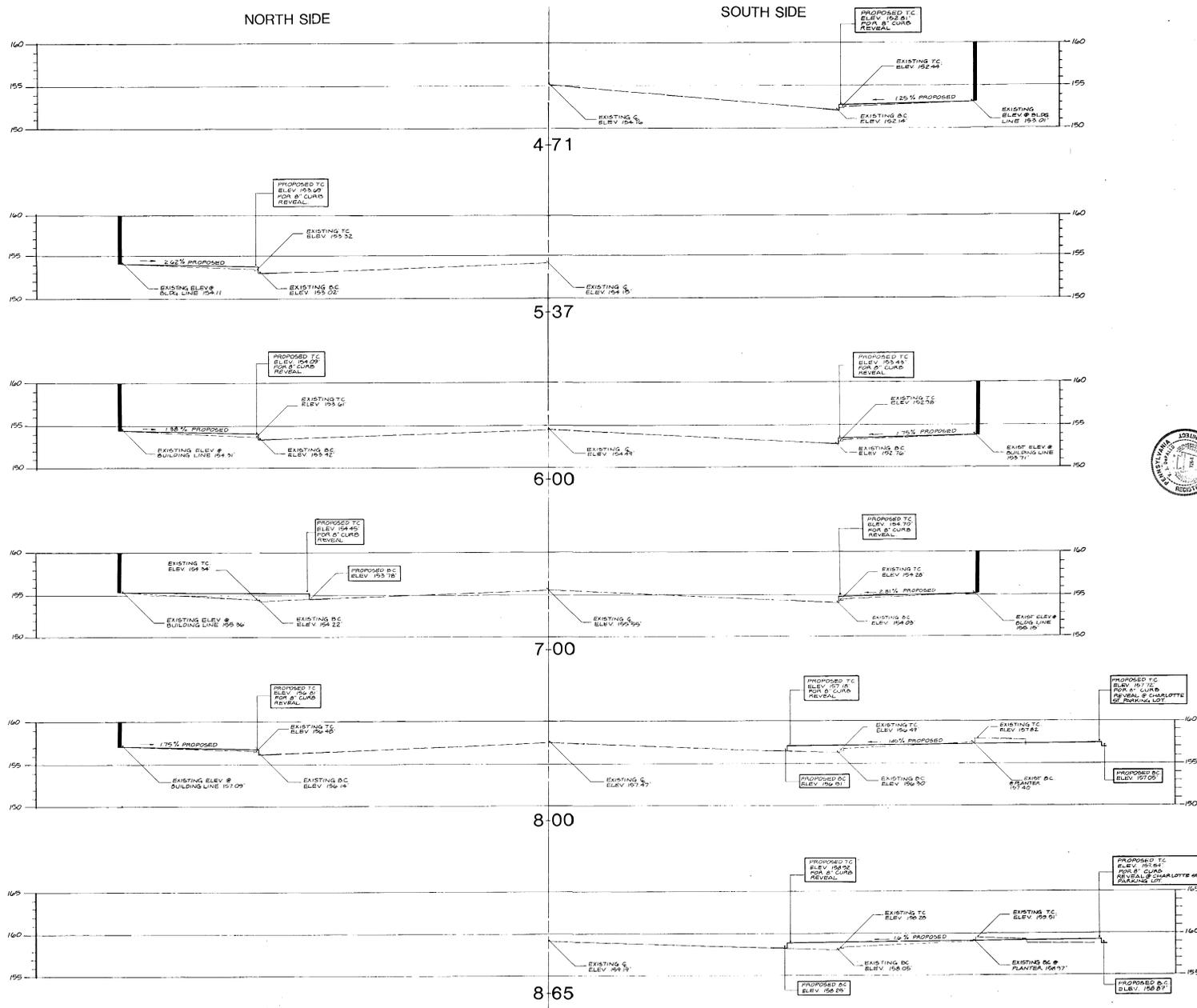
**ARORA ENGINEERS INC.**  
Professional Engineering Firm  
1000 L. ARORA, N.W., F.E.  
1000 L. ARORA, N.W., F.E.  
1000 L. ARORA, N.W., F.E.

Professional Engineer & Architect, Inc.  
Professional Engineer & Architect, Inc.  
Professional Engineer & Architect, Inc.

**DETAILS DESIGN & PLANNING**  
1000 L. ARORA, N.W., F.E.  
1000 L. ARORA, N.W., F.E.

**POTTSTOWN DOWNTOWN IMPROVEMENTS**

SHEET NO.  
**S4**



SCALE: HORIZONTAL 1"=5'  
VERTICAL 1"=5'

CROSS SECTIONS  
Station 4+71 to Station 8+65

ARGON ENGINEERS, INC.  
REGISTERED PROFESSIONAL ENGINEERS  
1000 W. 10TH ST., SUITE 100, CHARLOTTE, NC 28202  
919.749.1100

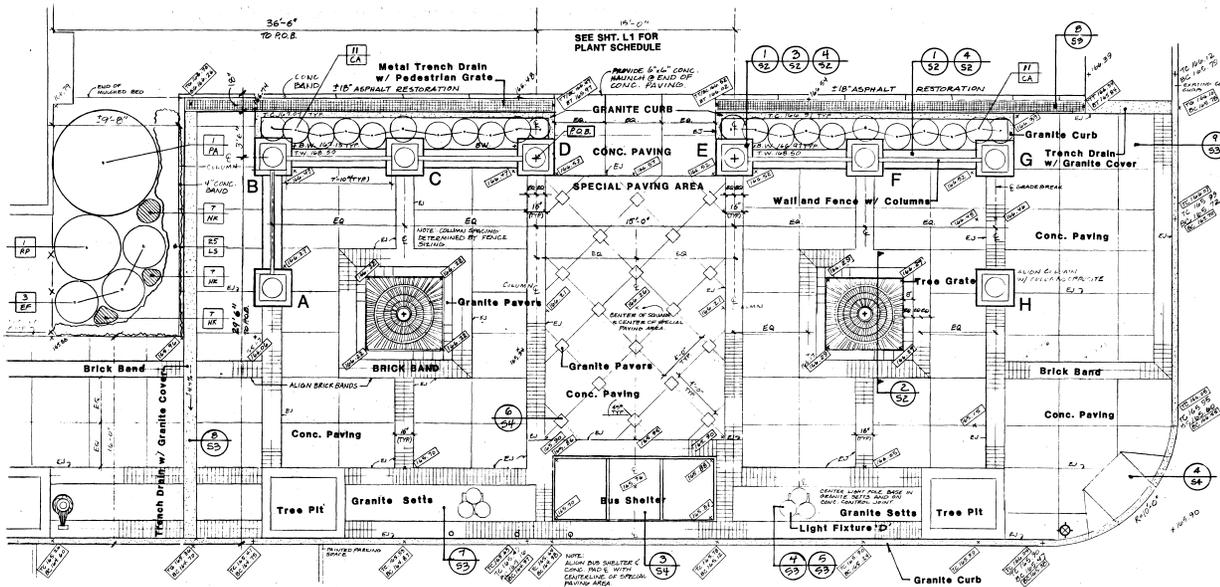
DE PALLO DESIGN & PLANNING, INC.  
REGISTERED PROFESSIONAL ENGINEERS  
1000 W. 10TH ST., SUITE 100, CHARLOTTE, NC 28202  
919.749.1100



# POTTSTOWN

## DOWNTOWN IMPROVEMENTS

SHEET NO.  
**S9**



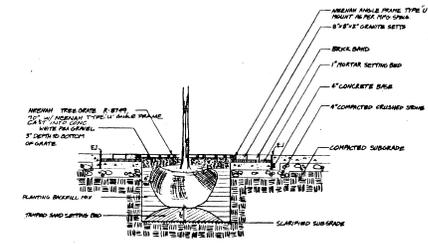
5 PLAZA ENLARGEMENT DETAIL

SCALE: 1/4"=1'-0"



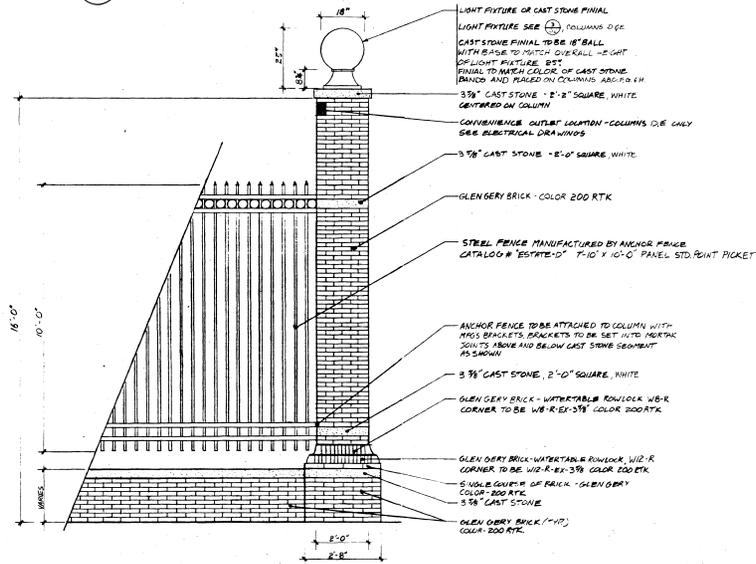
3 LIGHT FIXTURE DETAIL - TYPE E

NTS.



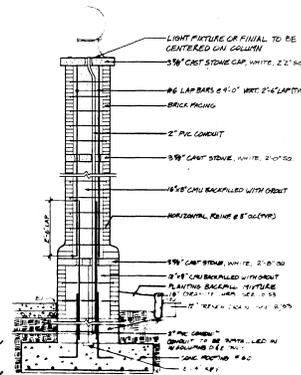
2 TREE GRATE SECTION

NTS.



4 COLUMN / WALL / FENCE DETAIL

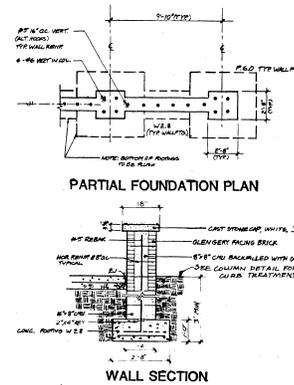
SCALE: 1/2"=1'-0"



COLUMN SECTION

1 BRICK COLUMN/WALL DETAIL

NTS.



PARTIAL FOUNDATION PLAN

WALL SECTION

EGGING SCHEDULE

1/2\"/>

REV. OR ISSUE TITLE

PLAZA DETAILS

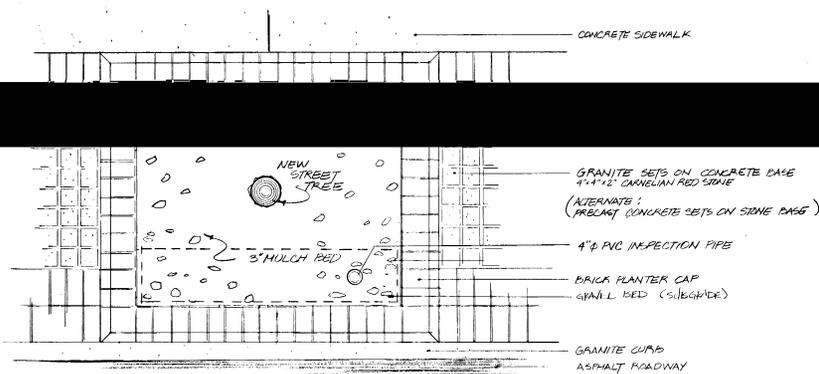
Charlotte St. to Green St.

AROLA ENGINEERS, INC.  
 1000 W. GREEN ST., SUITE 200  
 CHARLOTTE, NC 28202  
 (704) 375-1111

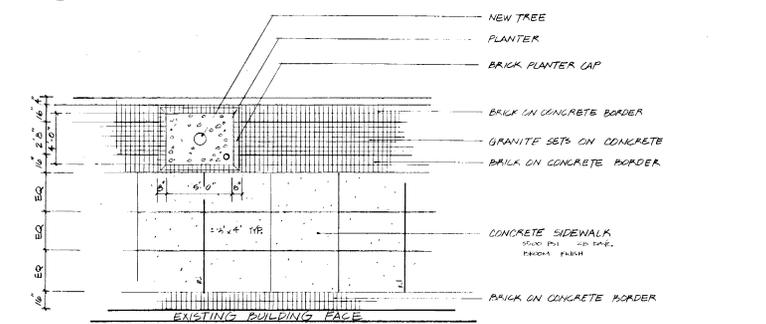
DEPALLI  
 DESIGN  
 PLANNING

**POTTSTOWN**  
 DOWNTOWN IMPROVEMENTS

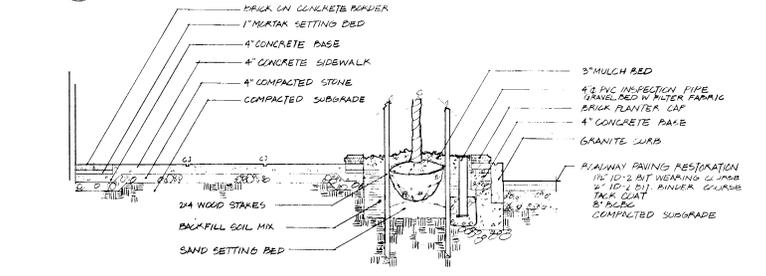
SHEET NO.  
**S2**



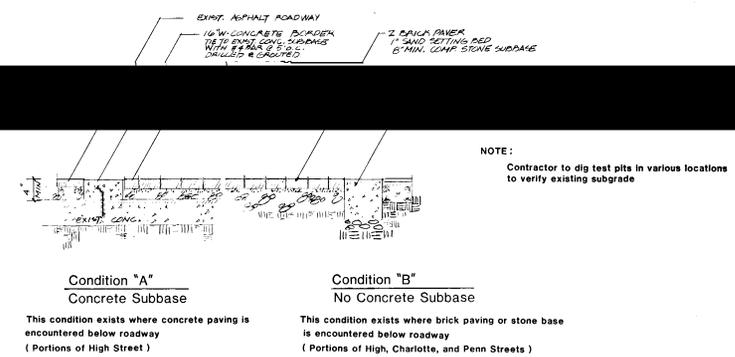
1 TREE PIT DETAIL  
S5 SCALE 1\"/>



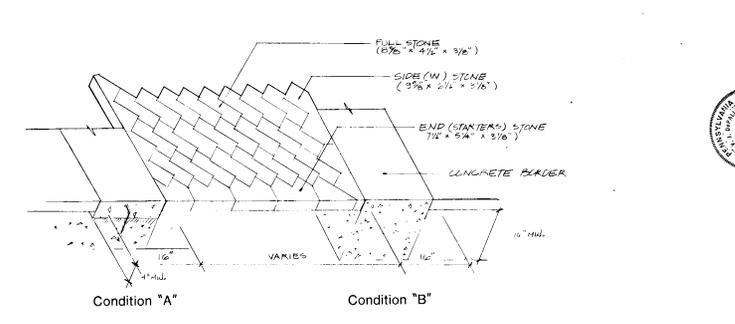
2 SIDEWALK DETAIL  
S5 SCALE 1\"/>



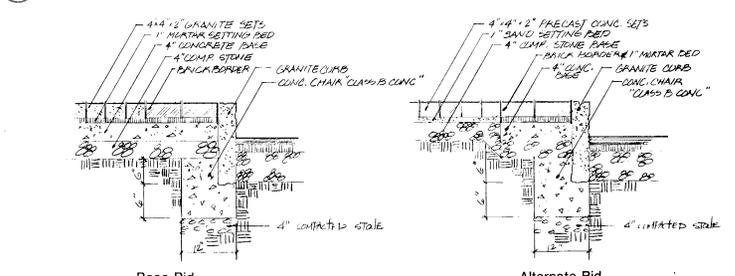
3 SIDEWALK SECTION DETAIL  
S5 SCALE 1\"/>



4 CROSSWALK SECTION DETAIL  
S5 SCALE 1\"/>



5 CROSSWALK ISOMETRIC DETAIL  
S5 NTS



6 GRANITE SETS DETAIL  
S5 NTS

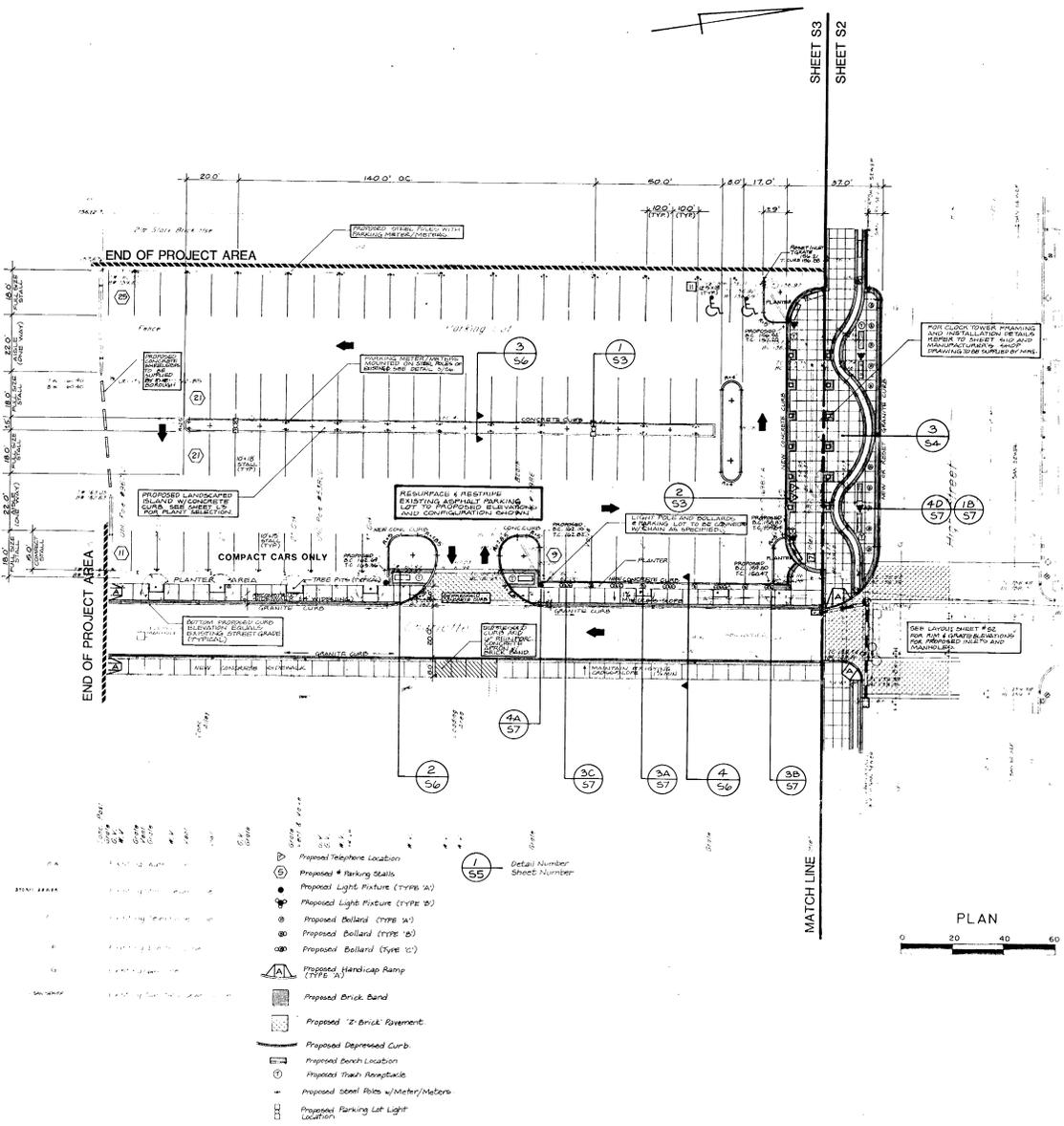
NOTE:  
Contractor to dig test pits in various locations to verify existing subgrade



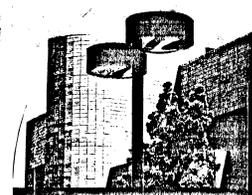


**LEGEND**

- ◆ Traffic Signal
- Sign Post
- ⊕ Fire Hydrant
- ◇ Light Standard
- Valve / Vent
- Parking Meter
- ⊠ Door
- ⊞ Window
- ⊞ Tree in Planter Area

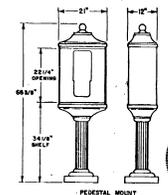


- Proposed Telephone Location
- Proposed # Parking Stalls
- Proposed Light Pole (TYPE 1A)
- Proposed Light Fixture (TYPE B)
- Proposed Belland (TYPE W)
- Proposed Belland (TYPE B)
- Proposed Belland (TYPE C)
- Proposed Handicap Ramp (TYPE A)
- Proposed Brick Band
- Proposed 'Z' Brick Pavement
- Proposed Depressed Curb
- Proposed Bench Location
- Proposed Trash Receptacle
- Proposed Steel Pole w/Meter/Meters
- Proposed Parking Lot Light Location



250 WATT Metal Halide Light Fixture  
20' Mounting Height  
Catalogue number: ZBCL-5200W/BL/A-25/PCL-20B/BL  
As manufactured by Kim Lighting  
Pole to be mounted flush with ground and set in concrete footing as indicated by manufacturer. Total height of fixture is 20'.

**1 PARKING LOT LIGHT DETAIL**  
NOT TO SCALE



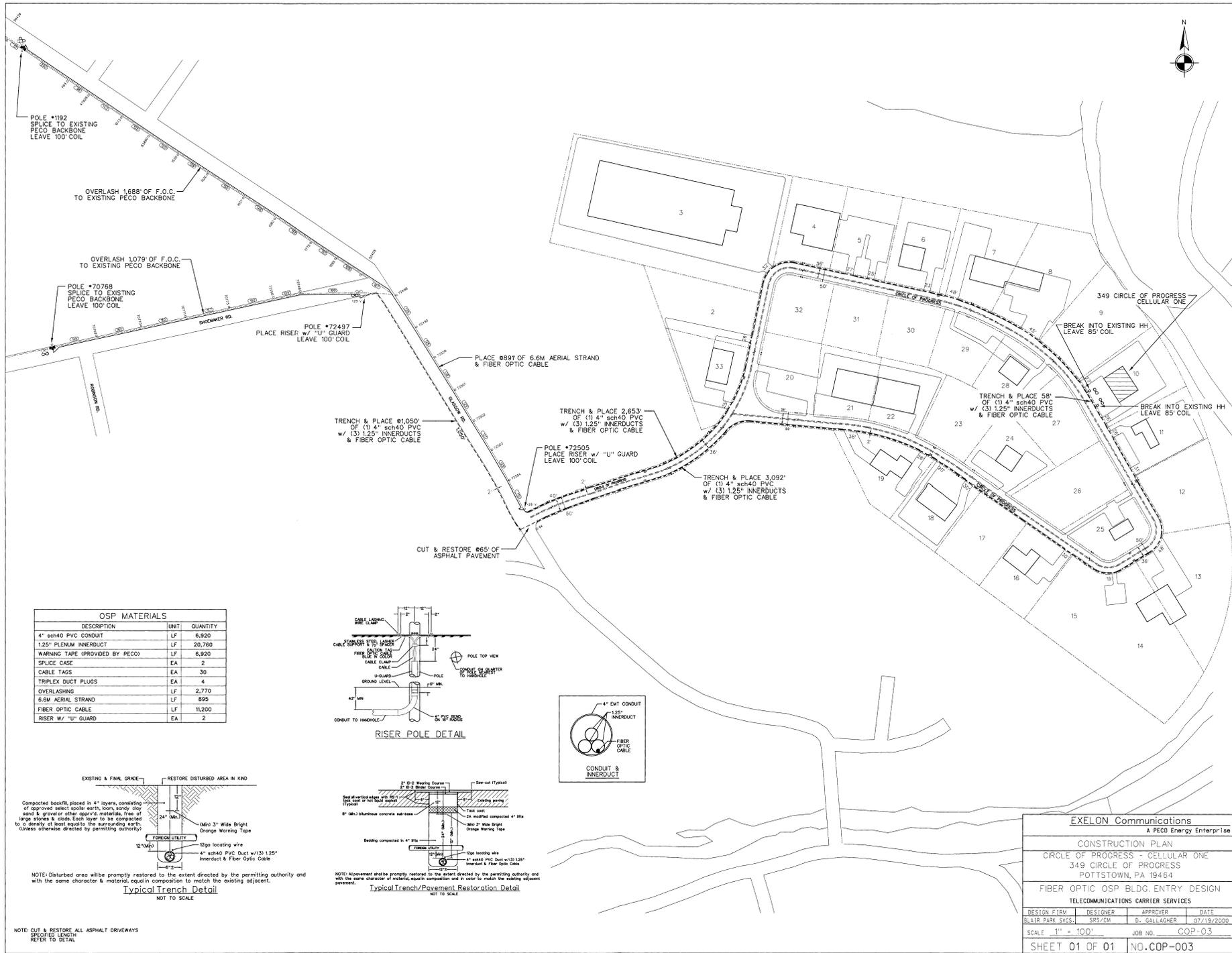
PEDESTAL MOUNT  
"Traditional Telephone Enclosure"  
with Standard Black Finish and Pedestal Mounting.  
Install as per manufacturer's instruction.  
As manufactured by Phillips & Brooks, Inc.  
P. O. Box 267  
Canning, Georgia 30130  
(404) 881-6901

**2 TELEPHONE ENCLOSURE DETAIL**  
NOT TO SCALE

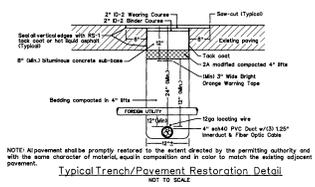
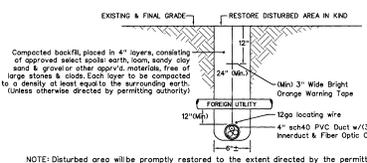
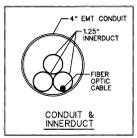
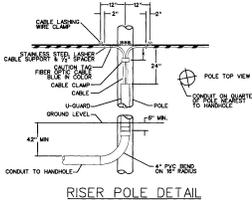


REV. OR ISSU.	TITLE
	LAYOUT PLAN
Charlotte Street Parking Lot	
AIRDOR ENGINEERS, INC. ARCHITECTS AND ENGINEERS 1000 W. WILSON ST., SUITE 100 CHARLOTTE, N.C. 28202 PHONE: 704.375.1111 FAX: 704.375.1112	
DE PALLO Design & Planning 1000 W. WILSON ST., SUITE 100 CHARLOTTE, N.C. 28202 PHONE: 704.375.1111 FAX: 704.375.1112	
<p style="text-align: center;"><b>POTTSTOWN</b></p> <p style="text-align: center;">DOWNTOWN IMPROVEMENTS</p>	
SHEET NO.	
<b>S3</b>	





OSP MATERIALS		
DESCRIPTION	UNIT	QUANTITY
4" sch40 PVC CONDUIT	LF	6,920
1.25" PLENM INNERDUCT	LF	20,760
WARNING TAPE (PROVIDED BY PECO)	LF	6,920
SPLICE CASE	EA	2
CABLE TIES	EA	30
TRIPLEX DUCT PLUGS	EA	4
OVERLASHING	LF	2,770
6.6M AERIAL STRAND	LF	895
FIBER OPTIC CABLE	LF	11,200
RISER W/ "U" GUARD	EA	2



NOTE: Disturbed area will be promptly restored to the extent directed by the permitting authority and with the same character & material, equal in composition to match the existing adjacent pavement.

NOTE: CUT & RESTORE ALL ASPHALT DRIVEWAYS SPECIFIC LEGS TO REFER TO DETAIL.

**EXELON Communications**  
A PECO Energy Enterprise

**CONSTRUCTION PLAN**  
CIRCLE OF PROGRESS - CELLULAR ONE  
349 CIRCLE OF PROGRESS  
POTTSTOWN, PA 19464

FIBER OPTIC OSP BLDG. ENTRY DESIGN  
TELECOMMUNICATIONS CARRIER SERVICES

DESIGN FIRM	DESIGNER	APPROVER	DATE
BLAIR PARK SVCS.	SRS/CM	D. GALLAGHER	07/19/2000

SCALE - 1" = 100'      JOB NO. COP-03

SHEET 01 OF 01      NO. COP-003