



CITY OF PITTSBURGH

Department of Mobility and Infrastructure

William Peduto, Mayor

Karina Ricks, Director

Application for an Encroachment on City Dedicated Right-Of-Way

Before application can be filed, anyone affiliated with this application must submit a tax & fine clearance statement. This statement must be signed off by all listed in the attached Ordinance. This information request is from City Code 416.03C. (see page 3)

Date 10-31-2019

Name Ralph Horgan

Address 4665 Forbes Avenue, Pittsburgh, PA 15213

Home Phone Number: _____ Business Phone Number: _____

Pager Number: _____ Cell Phone Number: _____

Location of Proposed Encroachment: Filmore Street and Forbes Avenue

Ward: 14 Council District: _____

Lot and Block What is the properties zoning code? (zoning office 255-22⁴¹)

Is the existing right-of-way, a street or a sidewalk? Sidewalk

Width of Existing Right-of-Way (sidewalk or street): _____ (Before encroachment)

Filmore Street: 6.5'

Forbes Avenue: 10'

Length of Existing Right-of-Way (sidewalk or street): _____ (Before encroachment)

Filmore Street: 143'

Forbes Avenue: 134'

Width of Proposed Encroachment: Varies - refer to Figures

Length of Proposed Encroachment: Varies - refer to Figures

Reason for application: Proposed tree pit, mountable curb, and abutting retaining wall along Forbes Avenue.

Proposed driveway curb cuts and abutting retaining wall along Filmore Street.

*****PLEASE ATTACH ALL ADDITIONAL INFORMATION*****



CITY OF PITTSBURGH

Department of Mobility and Infrastructure

William Peduto, Mayor

Karina Ricks, Director

Upon completion of the building, how many people will the structure accommodate? _____

As a result of this encroachment, will the project create jobs and if so how many? _____

I have enclosed a picture or drawing of the proposed structure to be placed on the site of the encroached property. (No Larger than 8" X 11") **X**

If there are abutting property owners, *I have enclosed the petition (attached at the end of the application)* received at the time of the application containing signatures of all adjacent property owners.

This petition has been *witnessed and notarized*.

I have enclosed a copy of the specifications. (No Larger than 8" X 11")

I have enclosed a copy of a survey or plot plan of the property.

REMEMBER TO ATTACH ALL ADDITIONAL INFORMATION. (*ie.: Letter to the*

Director, Insurance forms (these are due when the encroachment is approved), maps, specs, drawings, petitions, a check for \$150.00 payable to Treasurer City of Pittsburgh).

For Office Use:

Check for \$150.00 10535 Received Plot Plan or Survey _____

Received Required Insurance _____ Petition signed and notarized _____

Received detailed map of proposed encroachment _____

Received drawing or picture of completed project _____

Received picture of proposed encroached property _____

Received signed, notarized Petition, if there are abutting property owners _____

All tax information in compliance _____ delinquent _____

November 11, 2019

Karina Ricks, Director
Department of Mobility and Infrastructure
611 Second Avenue
Pittsburgh, PA 15219

**Re: Encroachment Permit
CMU Tata Consultancy Services Building
4665 Forbes Ave., Pittsburgh, PA 15213
Langan Project No.: 250054301**

Dear Ms. Ricks:

Langan Engineering and Environmental Services, Inc. (Langan) is pleased to submit on behalf of Carnegie Mellon University Campus Design and Facility Development (CMU-CDFD) the following City of Pittsburgh Encroachment Permit Package for the CMU Tata Consultancy Services (TCS) Building project. This package includes two figures and six details with information necessary to review the encroachment as follows:

- Figure 1 Encroachment:
 - One proposed tree pit within the Forbes Avenue right of way
 - One proposed mountable curb along Forbes Avenue
 - One proposed retaining wall extending within the Forbes Avenue right of way
 - This encroachment extends less than 18 inches into the right of way
- Figure 2 Encroachment:
 - Two proposed curb cuts along Filmore Street
 - One proposed retaining wall within the Filmore Street right of way
 - This encroachment extends less than 18 inches into the right of way
- Detail 1:
 - City of Pittsburgh DPW Standard 7-IN Concrete Curb
- Detail 2:
 - City of Pittsburgh DPW Standard Commercial Driveway Depressed Curb
- Detail 3:
 - Mountable Curb
- Detail 4:
 - Removable Bollard
- Detail 5:
 - Tree Planting at Planted area

- Detail 6:
 - Shrub Planting

Please contact me at (724) 514-5167 if you should have any questions or need any additional information to review this submission.

Sincerely,
Langan Engineering and Environmental Services, Inc.

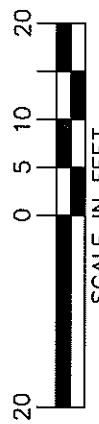
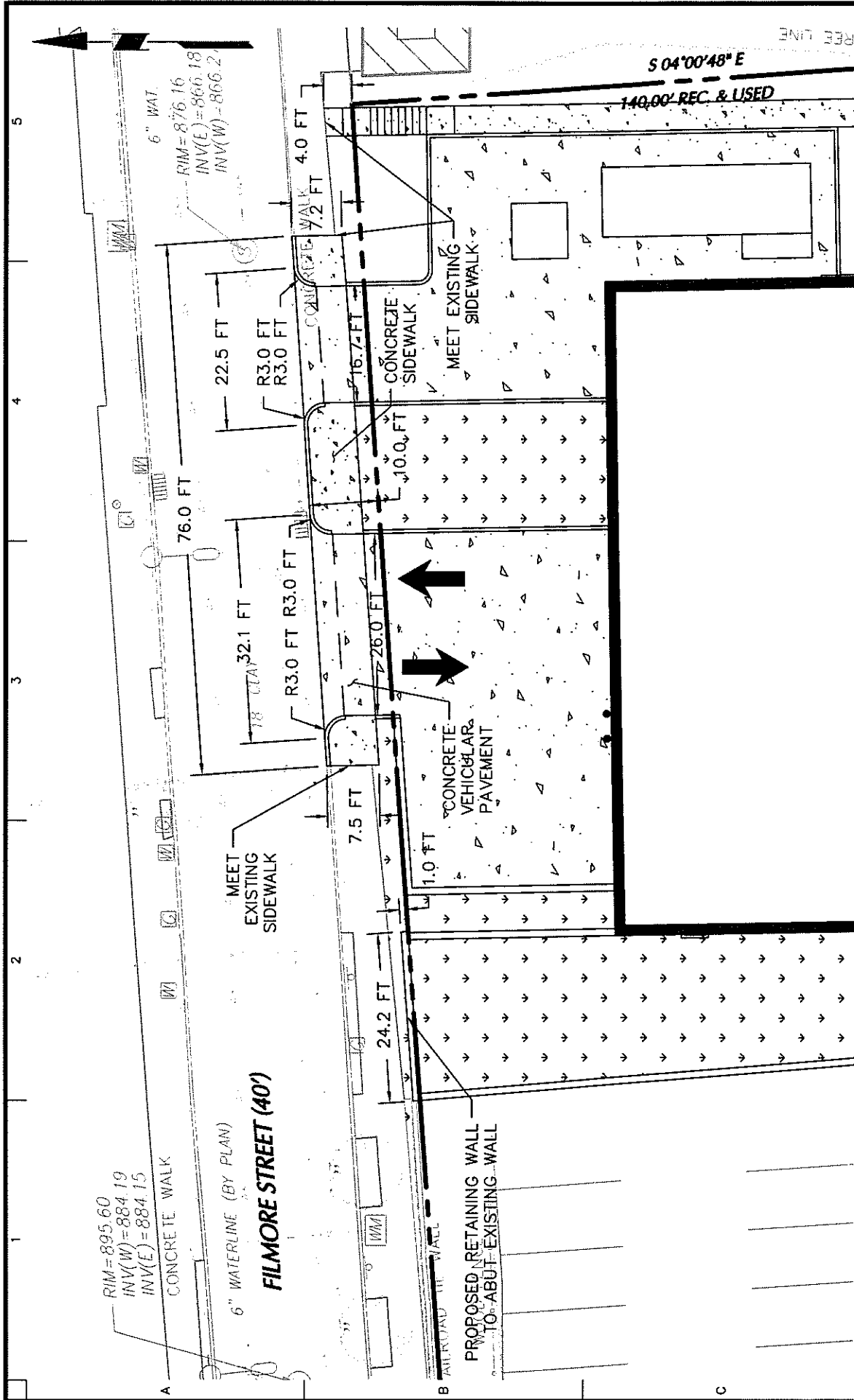


Paul Ceriani, P.E.
Project Manager

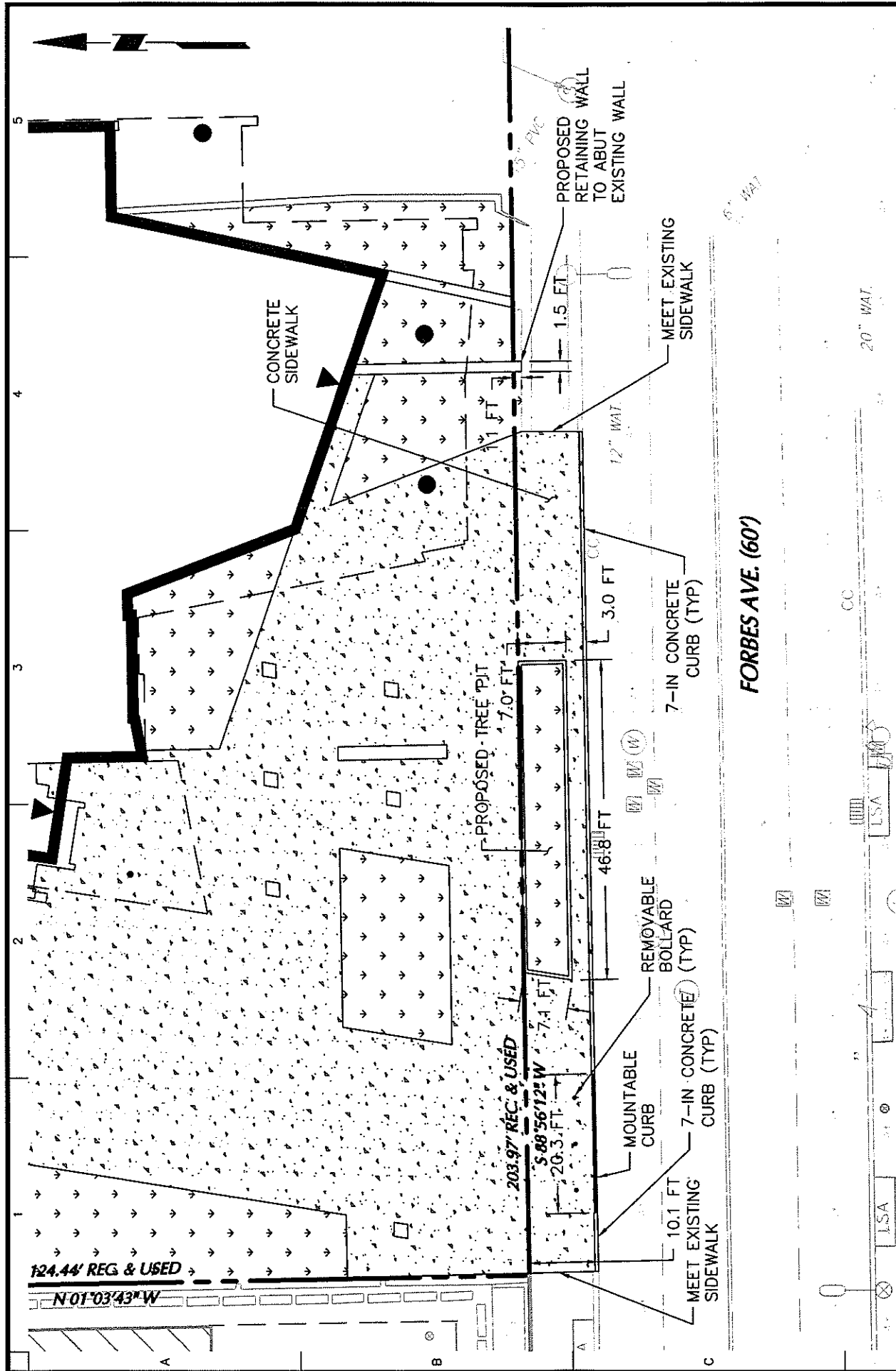
pceriani@langan.com
mcarter@langan.com

cc: Greg LaForest (BCJ)
Mike Kelley (CMU)

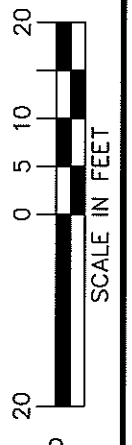
W:\angan.com\data\PI\data3\250054301\Project Data\Correspondence\Transmittals\2019-11-11 Encroachment Permit Application to DPW_TRANSMITTAL.docx

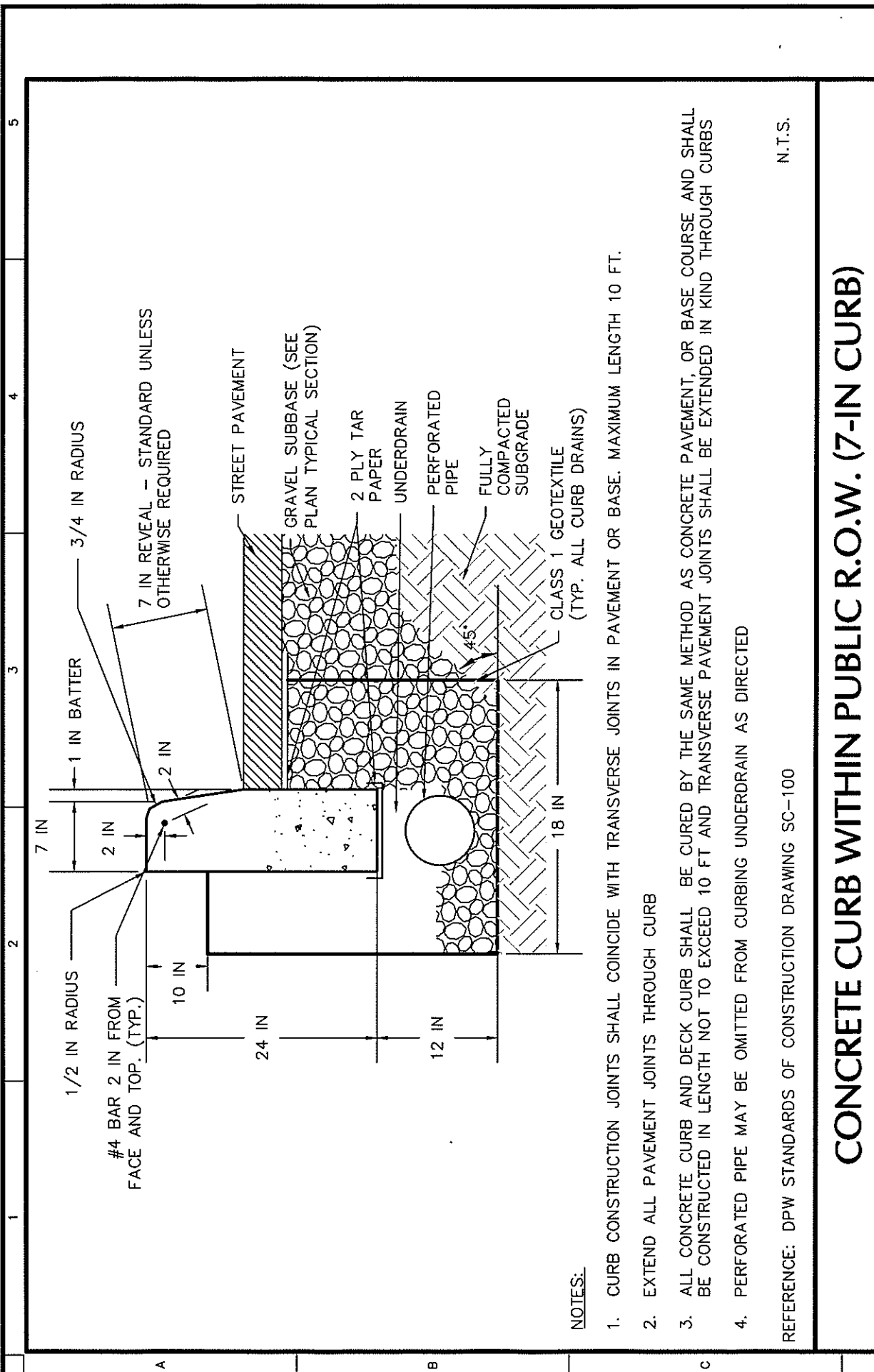


LANGAN Langan Engineering and Environmental Services, Inc. 2400 Arsys Drive, Suite 403 Caronsburg, PA 15317 T. 724.514.5100 F. 724.514.5101 www.langan.com	Project CMU TATA CONSULTANCY SERVICES BUILDING 4665 FORBES AVENUE CITY OF PITTSBURGH ALLEGHENY COUNTY PENNSYLVANIA	Drawing Title ENCROACHMENT PERMIT - FILMORE STREET	Project No. 250054301 Date NOVEMBER 2019 Drawn By MMC Checked By PJC	Figure 1
	File name: \\langan.com\data\pitt\2019\250054301\project\dwg\250054301-ENCROACHMENT FIGURES.dwg Date: 11/11/2019 Time: 11:37 User: mmarfor Syleb Table: Langan.sbl Layout: FIGURE 1			



	Project CMU TATA CONSULTANCY SERVICES BUILDING 4665 FORBES AVENUE CITY OF PITTSBURGH ALLEGHENY COUNTY PENNSYLVANIA	Drawing Title ENCROACHMENT PERMIT - FORBES AVENUE	Project No. 250054301	Figure 2
	Date NOVEMBER 2019	Drawn By MMC	Checked By PJC	Date NOVEMBER 2019





NOTES:

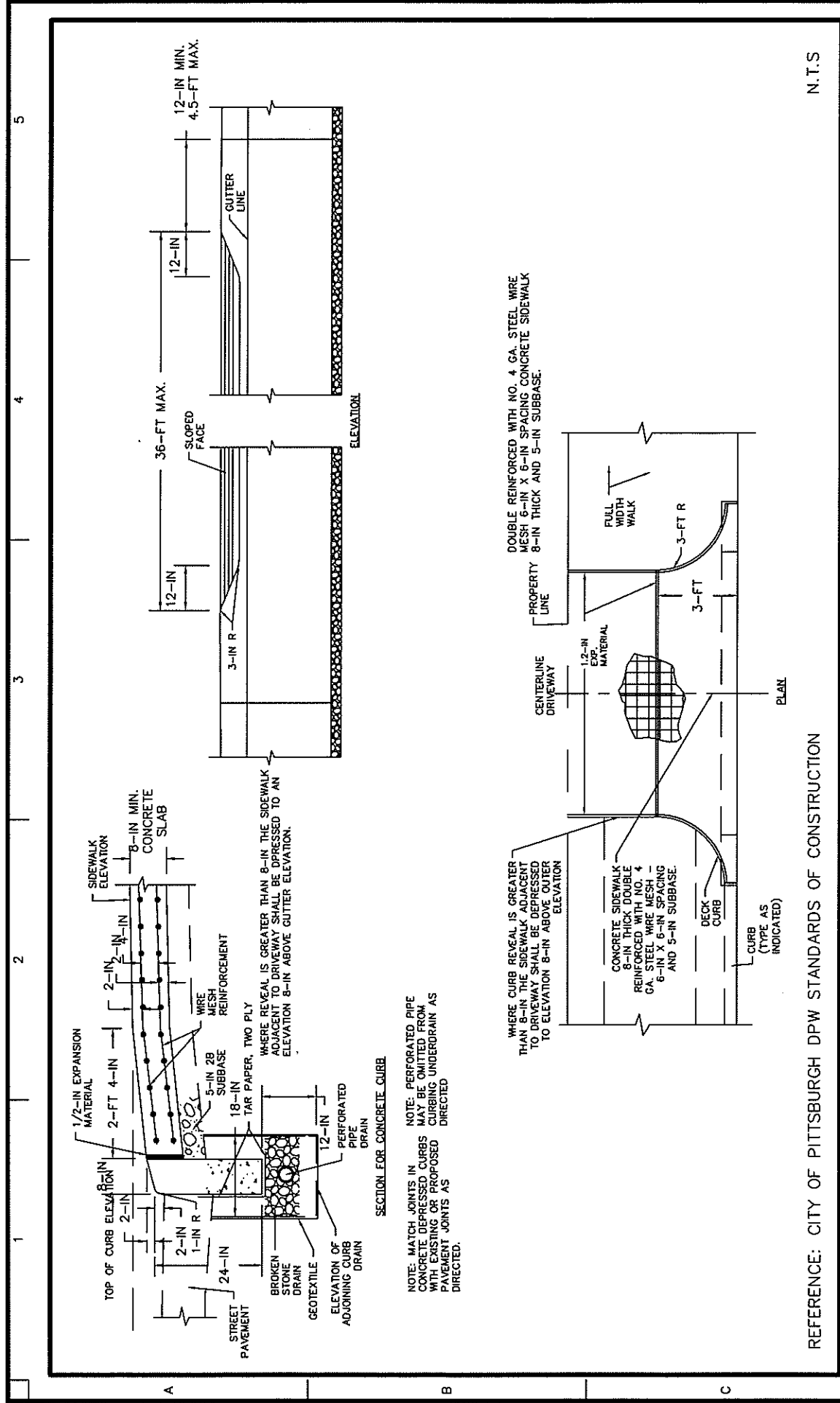
1. CURB CONSTRUCTION JOINTS SHALL COINCIDE WITH TRANSVERSE JOINTS IN PAVEMENT OR BASE. MAXIMUM LENGTH 10 FT.
2. EXTEND ALL PAVEMENT JOINTS THROUGH CURB
3. ALL CONCRETE CURB AND DECK CURB SHALL BE CURED BY THE SAME METHOD AS CONCRETE PAVEMENT, OR BASE COURSE AND SHALL BE CONSTRUCTED IN LENGTH NOT TO EXCEED 10 FT AND TRANSVERSE PAVEMENT JOINTS SHALL BE EXTENDED IN KIND THROUGH CURBS
4. PERFORATED PIPE MAY BE OMITTED FROM CURBING UNDERDRAIN AS DIRECTED

REFERENCE: DPW STANDARDS OF CONSTRUCTION DRAWING SC-100

N.T.S.

CONCRETE CURB WITHIN PUBLIC R.O.W. (7-IN CURB)

<p style="font-size: small; margin: 0;">Langan Engineering and Environmental Services, Inc. 2400 Ansys Drive, Suite 403 Canonsburg, PA 15317 T: 724.514.5100 F: 724.514.5101 www.langan.com</p>	<p>Project CMU TATA CONSULTANCY SERVICES BUILDING 4665 FORBES AVENUE CITY OF PITTSBURGH PENNSYLVANIA ALLEGHENY COUNTY</p>	<p>Drawing Title ENCROACHMENT PERMIT - 7-IN CONCRETE CURB DETAIL</p>	<p>Project No. 250054301 Date NOVEMBER 2019 Drawn By MMC Checked By PJC</p>
			1



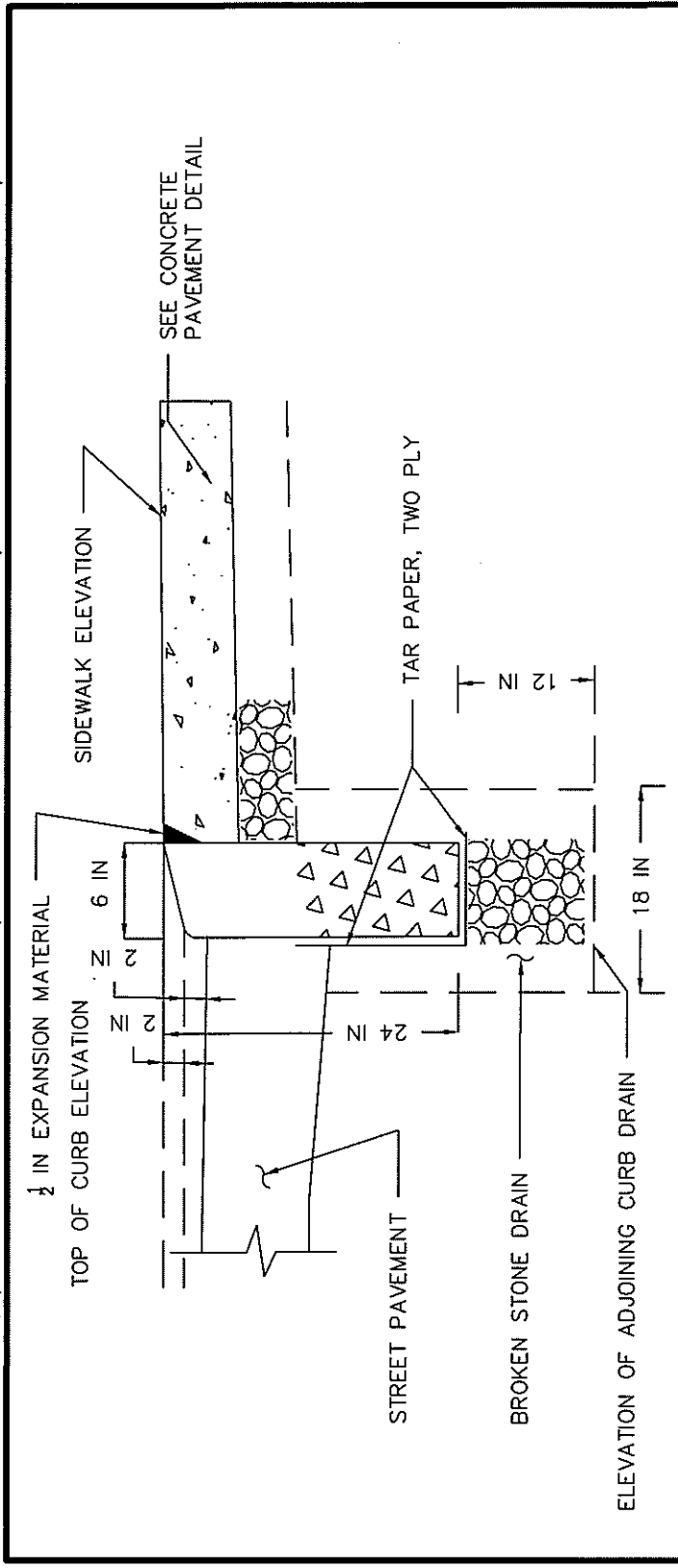
N.T.S

REFERENCE: CITY OF PITTSBURGH DPW STANDARDS OF CONSTRUCTION

DEPRESSED CURBS FOR COMMERCIAL GRADE DRIVEWAYS

<p>LANGAN Langan Engineering and Environmental Services, Inc. 2400 Ansys Drive, Suite 403 Caronsburg, PA 15317 T: 724.514.5100 F: 724.514.5101 www.langan.com</p>	<p>Project CMU TATA CONSULTANCY SERVICES BUILDING 4665 FORBES AVENUE CITY OF PITTSBURGH ALLEGHENY COUNTY PENNSYLVANIA</p>	<p>Drawing Title ENCROACHMENT PERMIT - COMMERCIAL DRIVEWAY DEPRESSED CURB DETAIL</p>	<p>Project No. 250054301 Date NOVEMBER 2019 Drawn By MMC Checked By PJC</p>	<p>Figure 2</p>
	<p>File name: \\langan.com\data\PT\2019\250054301\project data\CAD\01\encroachment FIGURES\250054301-ENCROACHMENT FIGURES.dwg Date: 11/11/2019 Time: 11:37 User: mcarior Slye Tabbe Langan.sab Layout: DETAIL 2</p>			

1 2 3 4 5



SECTION FOR CONCRETE CURB

NOTES:

1. CONCRETE TO TEST 4,500 P.S.I. MINIMUM ON 28 DAY TEST. AIR ENTRAINMENT 5% TO 7%, SLUMP TO BE 3 IN ± 1 IN.
 2. TRANSVERSE JOINTS 1/2 IN WIDE SHALL BE INSTALLED IN THE CURB 10FT APART AND SHALL BE FILLED WITH PREFORMED BITUMINOUS JOINT FILLER.
 3. EXPOSED CONCRETE SURFACE IS TO BE RUBBED TO PROVIDE SMOOTH FINISHED SURFACE.
 4. ALL SUBSOIL SHALL BE FULLY COMPACTED TO 95% OF MODIFIED PROCTOR DRY DENSITY PER ASTM D1557.
 5. BITUMINOUS SEALANT SHALL BE ASPHALT CEMENT, CLASS AC-20.
- N.T.S.

MOUNTABLE CURB

<p>LANGAN Langan Engineering and Environmental Services, Inc. 2400 Ansys Drive, Suite 403 Canonsburg, PA 15317 T: 724.514.5100 F: 724.514.5101 www.langan.com</p>	<p>Project CMU TATA CONSULTANCY SERVICES BUILDING 4665 FORBES AVENUE CITY OF PITTSBURGH ALLEGHENY COUNTY PENNSYLVANIA</p>	<p>Drawing Title ENCROACHMENT PERMIT - MOUNTABLE CURB DETAIL</p>	<p>Project No. 250054301 Date NOVEMBER 2019 Drawn By MMC Checked By PJC</p>
			<p>Figure 3</p>

1 2 3 4 5

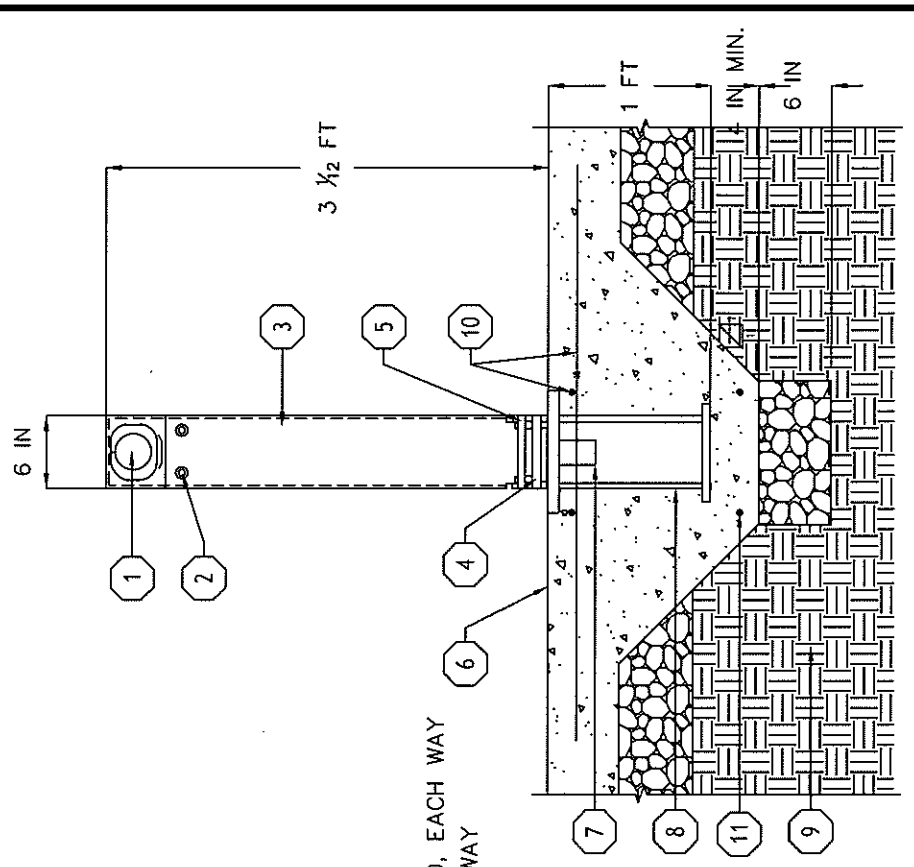
LEGEND

- 1. RED REFLECTOR
- 2. RUBBER BUMPER
- 3. KMI FOLD DOWN BOLLARD
- 4. PIVOT PIN
- 5. ENGINEERED SHEAR REMOVABLE PIN, REPLACEABLE PADLOCK BY OTHERS.
- 6. C.I.P. CONCRETE PAVEMENT
- 7. UNIT BOLTS TO EMBEDDED BASE
- 8. EMBEDDED BASE
- 9. UNDISTURBED OR COMPACT SUBGRADE
- 10. #4 BAR x 48" LONG AT EACH SIDE OF BOLLARD, EACH WAY
- 11. 2-#4 BARS AT EACH SIDE OF BOLLARD, EACH WAY


NOTES

- 1. TO BE INSTALLED PLUMB VERTICAL
- 2. MANUFACTURED BY: KEYSTONE METALS, INC. 6620 KELLY STREET, PITTSBURGH, PA 15206
- 3. MATERIAL: STAINLESS STEEL
- 4. FINISH: #4 DIRECTIONAL BRUSHED

N.T.S.



REMOVABLE BOLLARD

 Langan Engineering and Environmental Services, Inc. 2400 Arzys Drive, Suite 403 Canonsburg, PA 15317 T: 724.514.5100 F: 724.514.5101 www.langan.com	Project CMU TATA CONSULTANCY SERVICES BUILDING 4665 FORBES AVENUE CITY OF PITTSBURGH ALLEGHENY COUNTY PENNSYLVANIA	Drawing Title ENCROACHMENT PERMIT - REMOVABLE BOLLARD DETAIL	Project No. 250054301 Date NOVEMBER, 2019 Drawn By MMC Checked By PJC	Figure 4
	File name: \\langan-com\data\PIT\4665\250054301\Project\dwg\CAD\01\ENCROACHMENT FIGURES\250054301\ENCROACHMENT FIGURES.dwg Date: 11/11/2019 Time: 11:37 User: mcarter Style: Table_Langan.dwg Layout: DETAIL.dwg			

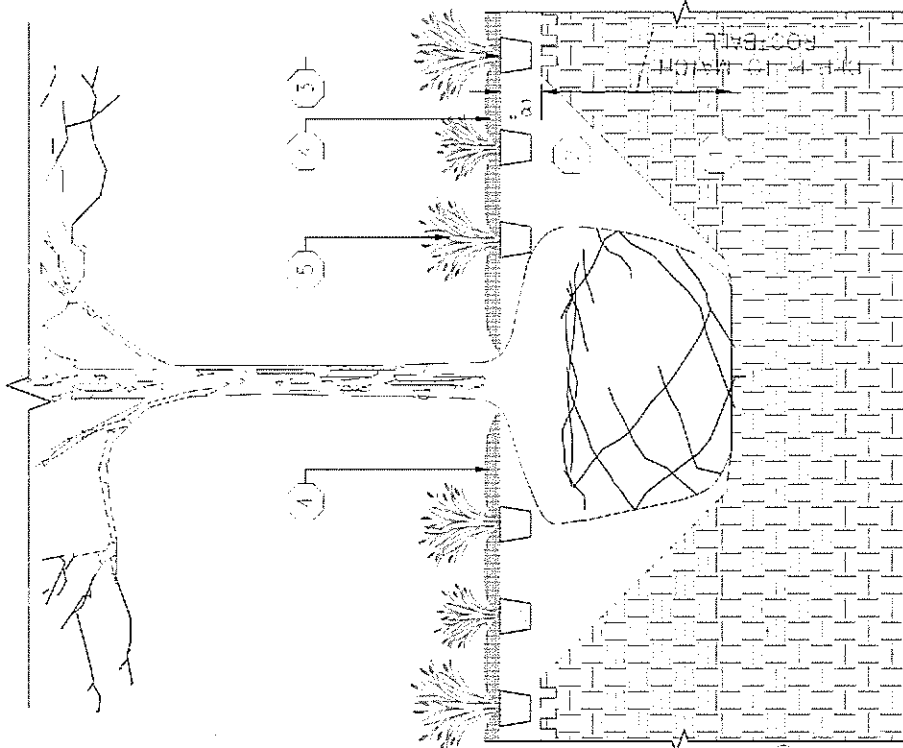
1 2 3 4 5

LEGEND

1. COMPACTED OR JUNGLE-DISTURBED SUBSOIL
2. PLANTING SOIL
3. FINISH GRADE
4. MULCH, PULLED 6" AWAY FROM BASE OF TREE
5. ADJACENT PLANTING

NOTES

1. TREE TRUNK TO BE PLUMB & VERTICAL.
2. SET ROOT FLARE FLUSH WITH FINISHED GRADE. MULCHERY THAT ROOTBALL IS SOLD & WILL NOT SETTLE FOLLOWING INSTALL. OTHERWISE PLANT 2-3" ABOVE FINISHED GRADE.
3. REMOVE TOP 3" OF BURLAP & WIRE BASKET TO PREVENT WIRES FROM GIRDLING TREE (ROOTS).
4. DO NOT BURY STEMS OF HERBACEOUS PLANTINGS.
5. HERBACEOUS PLANTINGS MAY BE PLANTED OVER ROOT BALL OR TRILLS AS LONG AS FINISHED GRADE IS MAINTAINED - ROOT BALL OF HERBACEOUS PLANTS MAY BE LOOSE IN J & ADJUSTED TO ACCOMMODATE PLACEMENT AS LONG AS ROOT BALLS ARE NOT DAMAGED.



N.T.S.

TREE PLANTING AT PLANTED AREA

LANGAN

Langan Engineering and Environmental Services, Inc.
2400 Arzys Drive, Suite 403
Canonsburg, PA 15317

T: 724.514.5100 F: 724.514.5101 www.langan.com

Project **CMU TATA CONSULTANCY SERVICES BUILDING**
4665 FORBES AVENUE
CITY OF PITTSBURGH
ALLEGHENY COUNTY PENNSYLVANIA

Drawing Title
ENCROACHMENT PERMIT - TREE PLANTING AT PLANTED AREA DETAIL

Project No. **250054301**
Date **NOVEMBER 2019**
Drawn By **MMC**
Checked By **PJC**

Figure **5**

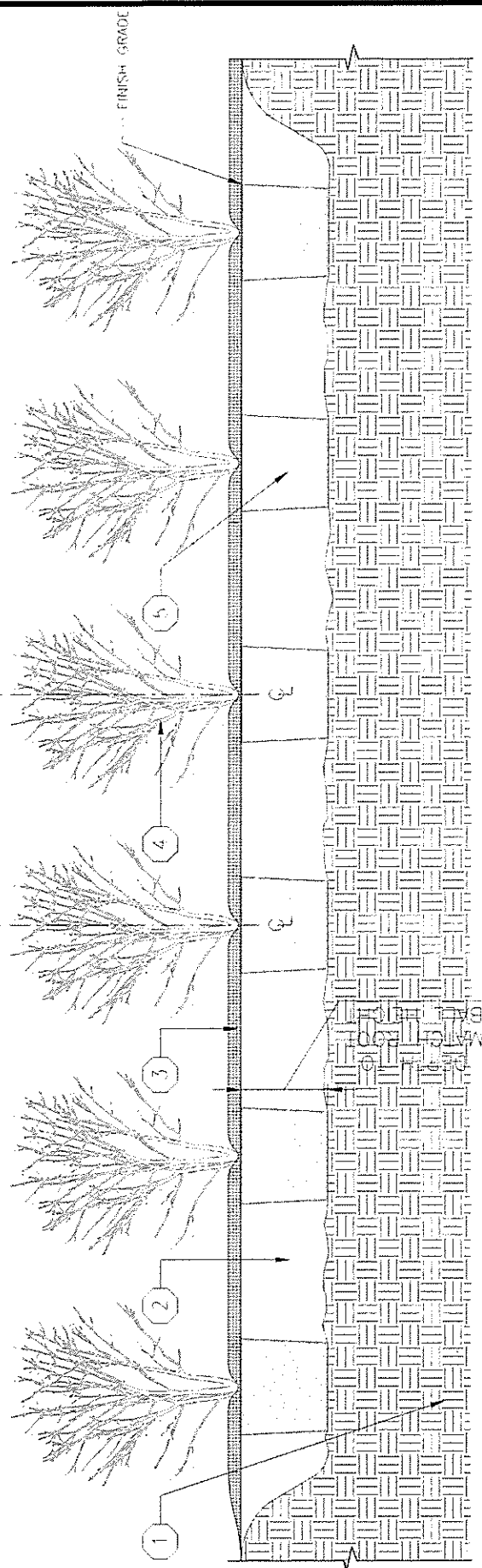
LEGEND

- 1. COMPACTED OR UNDISTURBED SUBSOIL
- 2. PLANTING SOIL
- 3. MULCH, PULLED AWAY FROM BASE OF SHRUBS
- 4. SHRUB
- 5. SHRUB ROOTMASS, TYP.

NOTES

- 1. SHRUBS SHALL BE PLANTED IN A CONTINUOUS TRENCH OF PLANTING SOIL.

SPACING VARIES,
REFER TO PLANTING
SCHEDULE



N.T.S.

SHRUB PLANTING

<p>LANGAN Langan Engineering and Environmental Services, Inc. 2400 Aneys Drive, Suite 403 Canonsburg, PA 15317 T: 724.514.5100 F: 724.514.5101 www.langan.com</p>	<p>Project CMU TATA CONSULTANCY SERVICES BUILDING 4665 FORBES AVENUE CITY OF PITTSBURGH ALLEGHENY COUNTY PENNSYLVANIA</p>	<p>Drawing Title ENCROACHMENT PERMIT - SHRUB PLANTING DETAIL</p>	<p>Project No. 250054301</p>	<p>Figure 6</p>
	<p>Date NOVEMBER 2019</p>	<p>Drawn By MMC</p>	<p>Checked By PJC</p>	



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
11/19/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Willis of Pennsylvania, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	CONTACT NAME: Willis Towers Watson Certificate Center PHONE (A/C, No, Ext): 1-877-945-7378 FAX (A/C, No): 1-888-467-2378 E-MAIL ADDRESS: certificates@willis.com														
INSURED Carnegie Mellon University Insurance Services Dept. Attn: Diane Patterson 5000 Forbes Avenue Pittsburgh, PA 15213	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 80%;">INSURER(S) AFFORDING COVERAGE</th> <th style="width: 20%;">NAIC #</th> </tr> <tr> <td>INSURER A: United Educators Insurance a Reciprocal Ri</td> <td>10020</td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: United Educators Insurance a Reciprocal Ri	10020	INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A: United Educators Insurance a Reciprocal Ri	10020														
INSURER B:															
INSURER C:															
INSURER D:															
INSURER E:															
INSURER F:															

COVERAGES **CERTIFICATE NUMBER:** W13911350 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		Y	G09-40R	10/01/2019	10/01/2020	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000
							MED EXP (Any one person)	\$ 5,000
							PERSONAL & ADV INJURY	\$
							GENERAL AGGREGATE	\$ 3,000,000
							PRODUCTS - COMP/OP AGG	\$
								\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	\$
	<input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY						BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
	UMBRELLA LIAB						EACH OCCURRENCE	\$
	<input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE						AGGREGATE	\$
								\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE	\$
	<input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				E.L. EACH ACCIDENT	\$
							E.L. DISEASE - EA EMPLOYEE	\$
							E.L. DISEASE - POLICY LIMIT	\$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Division Branch: Campus Design and Facility Development (CDFD)
 Job Project Location: TCS Project - Encroachment permit.

 City of Pittsburgh is included as an additional insured as required by the Encroachment Application rules.

CERTIFICATE HOLDER City of Pittsburgh Attn: Dept. of Mobility & Infrastructure 611 Second Avenue Pittsburgh, PA	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	--