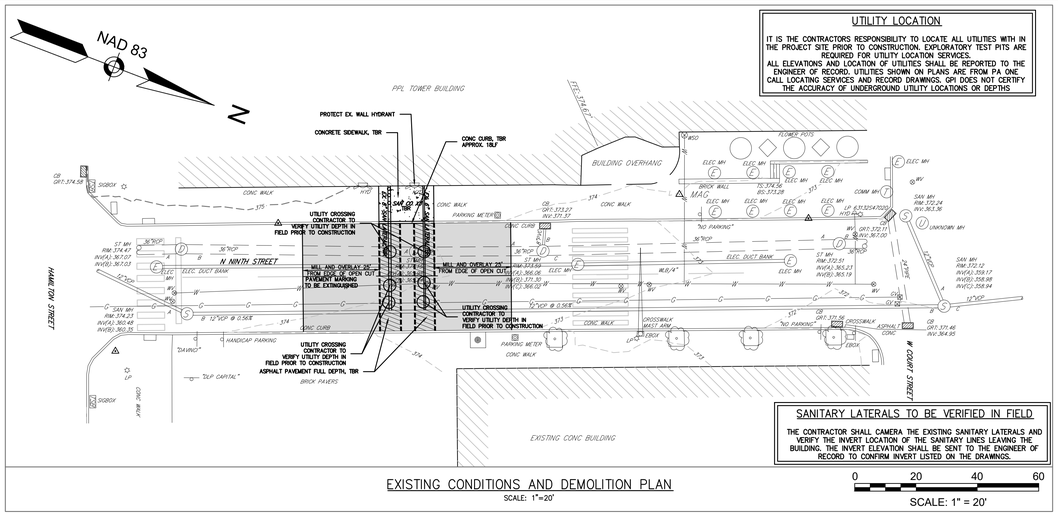


UTILITY LOCATION

IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UTILITIES WITH IN THE PROJECT SITE PRIOR TO CONSTRUCTION. EXPLORATORY TEST PITS ARE REQUIRED FOR UTILITY LOCATION SERVICES.
ALL ELEVATIONS AND LOCATION OF UTILITIES SHALL BE REPORTED TO THE ENGINEER OF RECORD. UTILITIES SHOWN ON PLANS ARE FROM PA ONE CALL LOCATING SERVICES AND RECORD DRAWINGS. GPI DOES NOT CERTIFY THE ACCURACY OF UNDERGROUND UTILITY LOCATIONS OR DEPTHS

SANITARY LATERALS TO BE VERIFIED IN FIELD

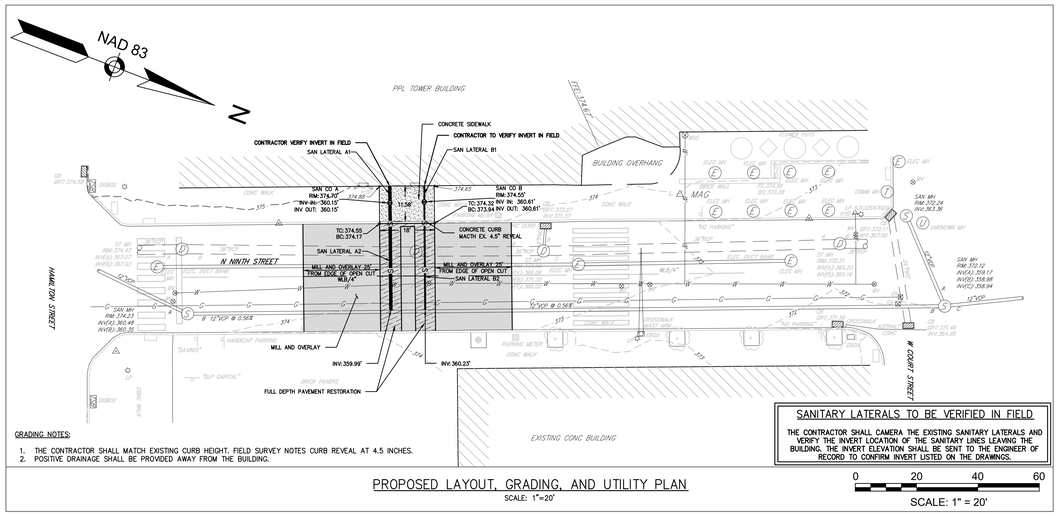
THE CONTRACTOR SHALL CAMERA THE EXISTING SANITARY LATERALS AND VERIFY THE INVERT LOCATION OF THE SANITARY LINES LEAVING THE BUILDING. THE INVERT ELEVATION SHALL BE SENT TO THE ENGINEER OF RECORD TO CONFIRM INVERT LISTED ON THE DRAWINGS.

EXISTING CONDITIONS AND DEMOLITION PLAN

SCALE: 1"=20'

0 20 40 60

SCALE: 1" = 20'



GRADING NOTES:

1. THE CONTRACTOR SHALL MATCH EXISTING CURB HEIGHT. FIELD SURVEY NOTES CURB REVEAL AT 4.5 INCHES.
2. POSITIVE DRAINAGE SHALL BE PROVIDED AWAY FROM THE BUILDING.

SANITARY LATERALS TO BE VERIFIED IN FIELD

THE CONTRACTOR SHALL CAMERA THE EXISTING SANITARY LATERALS AND VERIFY THE INVERT LOCATION OF THE SANITARY LINES LEAVING THE BUILDING. THE INVERT ELEVATION SHALL BE SENT TO THE ENGINEER OF RECORD TO CONFIRM INVERT LISTED ON THE DRAWINGS.

PROPOSED LAYOUT, GRADING, AND UTILITY PLAN

SCALE: 1"=20'

0 20 40 60

SCALE: 1" = 20'

SITE LEGEND:

ITEM	EXISTING	PROPOSED	DEMOLITION
RIGHT-OF-WAY			
MAJOR CONTOUR	390		
MINOR CONTOUR	391		
CURB			
INLET			
FIRE HYDRANT			
GAS LINE	G		
PAVEMENT MARKING			
STORM MANHOLE	D		
STORM PIPE			

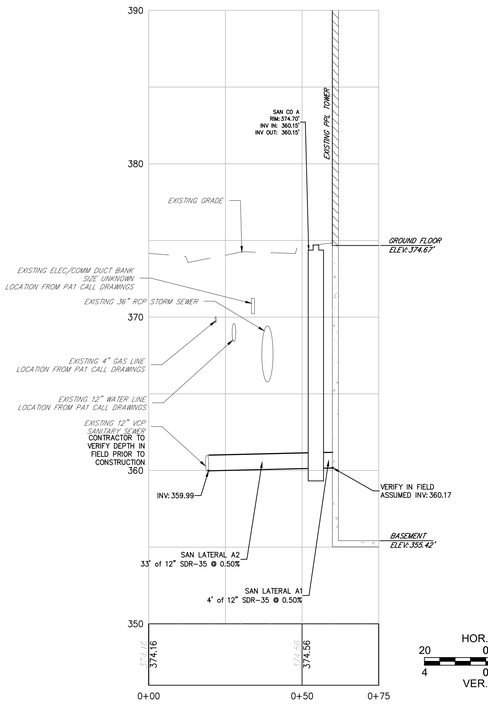
ITEM	EXISTING	PROPOSED	DEMOLITION
SANITARY LINE	S	S	S
SANITARY MANHOLE	S	S	
UTILITY MANHOLE	U		
UTILITY POLE			
WATERLINE	W		
BUILDING			
MILL AND OVERLAY PAVEMENT			
FULL DEPTH PAVEMENT WITHIN CITY RIGHT-OF-WAY			
CONCRETE SIDEWALK			

SCHEDULE OF SANITARY PIPES

NAME	SIZE	LENGTH	SLOPE	MATERIAL	UPSTREAM INVERT	DOWNSTREAM INVERT	START STRUCUTRE	END STRUCUTRE
SAN LATERAL A1	12"	4	0.50	SDR-35	360.174	360.154	BUILDING	SAN CO A
SAN LATERAL A2	12"	33	0.50	SDR-35	360.154	359.990	SAN CO A	TEE @ EXISTING PIPE
SAN LATERAL B1	6"	3	0.50	SDR-35	360.629	360.609	BUILDING	SAN CO B
SAN LATERAL B2	6"	33	0.50	SDR-35	360.609	360.440	SAN CO B	TEE @ EXISTING PIPE

SCHEDULE OF SANITARY STRUCTURES

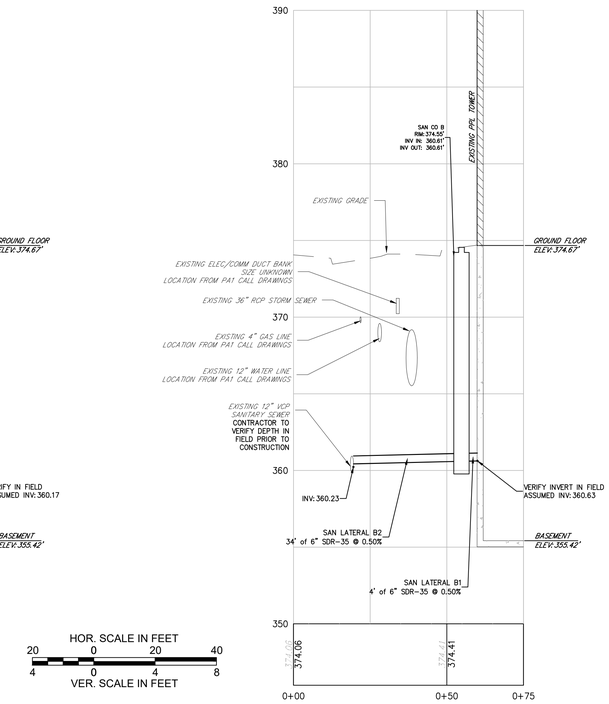
STRUCTURE NAME	STRUCUTURE TYPE	STRUCTURE DETAILS	STRUCTURE DEPTH
SAN CO A	2 WAY SANITARY CLEAN OUT PVC	RIM/GRT: 374.70 INV IN: 360.15 INV OUT: 360.15	14.5
SAN CO B	2 WAY SANITARY CLEAN OUT PVC	RIM/GRT: 374.55 INV IN: 360.61 INV OUT: 360.61	13.9



STA:0+00 TO STA:0+75

SANITARY LATERAL A

VERTICAL SCALE:1"=4'
HORIZONTAL SCALE:1"=20'

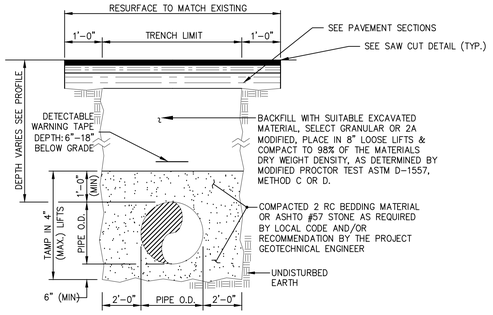


HOR. SCALE IN FEET
20 0 20 40
VER. SCALE IN FEET
4 0 4 8

STA:0+00 TO STA:0+75

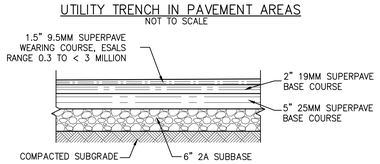
SANITARY LATERAL B

VERTICAL SCALE:1"=4'
HORIZONTAL SCALE:1"=20'



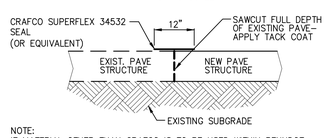
UTILITY TRENCH IN PAVEMENT AREAS

NOT TO SCALE



ASPHALT PAVEMENT SECTION

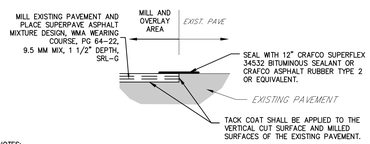
NOT TO SCALE



NOTE:
IF MATERIAL OTHER THAN CRAFCO IS TO BE USED WITHIN PENNDOT RIGHT-OF-WAY, PRE-APPROVAL MUST BE OBTAINED BY THE DISTRICT PERMIT ENGINEER.

SAWCUT AND JOINT SEALING DETAIL

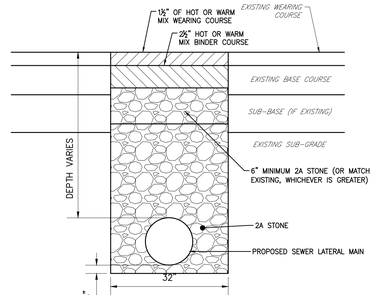
NOT TO SCALE



NOTES:
1. IF MATERIAL OTHER THAN CRAFCO IS TO BE USED WITHIN RIGHT-OF-WAY, PRE-APPROVAL MUST BE OBTAINED BY THE CITY ENGINEER.
2. THOROUGHLY CLEAN EXISTING PAVEMENT, INSTALL JOINT REPAIRS AND TACK COAT ALL EXISTING SURFACES FOR OVERLAY PAVEMENTS AS REQUIRED.
3. MILLING AND PAVEMENT OVERLAY OPERATIONS MUST BE PERFORMED AT LOCATIONS INDICATED ON THE PLANS FOR THE FULL WIDTH OF THE ROADWAY. MILLING MUST BE PERFORMED AS REQUIRED TO MATCH THE EXISTING PAVEMENT ELEVATIONS, CROSS SLOPES AND TIE-IN POINTS, WHILE MAINTAINING THE SPECIFIED 1 ½" WEARING COURSE PLACEMENT THICKNESS.

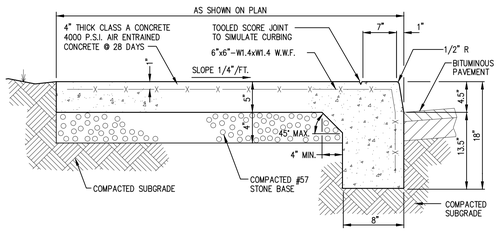
MILLING AND OVERLAY DETAIL

NOT TO SCALE



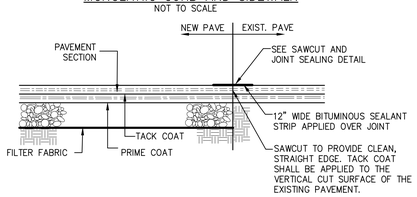
TEMPORARY PAVEMENT RESTORATION

NOT TO SCALE



MONOLITHIC CURB AND SIDEWALK

NOT TO SCALE

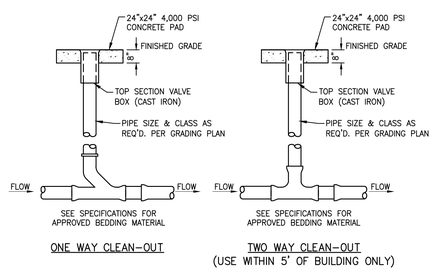


NEW/EXISTING PAVEMENT JOINT DETAIL

NOT TO SCALE

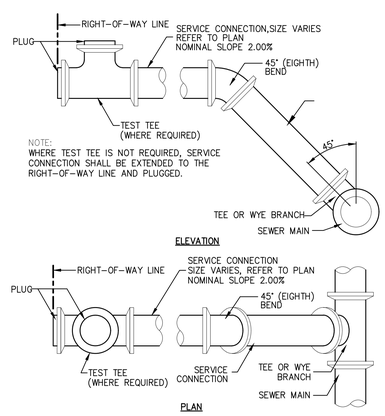
PAVEMENT MARKINGS

PAVEMENT MARKINGS MUST BE REMARKED UPON COMPLETION OF MILL AND OVERLAY. PAVEMENT MARKINGS MUST MATCH EXISTING CONDITIONS AND FOLLOW PENNDOT PUB 111, TC-8600



TYPICAL CLEANOUT DETAIL

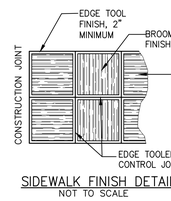
NOT TO SCALE



NOTE:
WHERE TEST TEE IS NOT REQUIRED, SERVICE CONNECTION SHALL BE EXTENDED TO THE RIGHT-OF-WAY LINE AND PLUGGED.

SERVICE CONNECTION DEEP SEWER

NOT TO SCALE



SIDEWALK FINISH DETAIL

NOT TO SCALE

NOTES:

1. THE CONTRACTOR SHALL CAMERA THE EXISTING SANITARY LATERALS AND VERIFY THE INVERT LOCATION OF THE SANITARY LINES LEAVING THE BUILDING. THE INVERT ELEVATON SHALL BE SENT TO THE ENGINEER OF RECORD TO CONFIRM INVERT LISTED ON THE DRAWINGS.
2. LOCATIONS OF UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION. ALL UTILITY, LOCATIONS, DEPTH, AND POTENTIAL CONFLICTS SHALL BE REPORTED TO THE ENGINEER OF RECORD.
3. ALL EXISTING FEATURES AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION.
4. THE PROJECT SITE IS SERVED BY PUBLIC UTILITIES. COORDINATION WITH EACH UTILITY PROVIDER IS REQUIRED PRIOR TO INSTILLATION.
5. ALL WORK WITHIN THE CITY OF ALLENTOWN RIGHT OF WAY SHALL BE IN CONFORMANCE WITH ALL CITY SPECIFICATIONS.
6. SEWERS SHALL BE CONSTRUCTED FROM DOWNSTREAM TO UP STREAM.
7. MPT MEASURERS SHALL BE REQUIRED FOR THE PROJECT. APPROPRIATE PATA DRAWINGS SHALL BE USED. ALL LANE AND/OR ROAD CLOSURES SHALL BE COORDINATED WITH THE CITY OF ALLENTOWN.
8. SIDEWALK CLOSURE AND DETOUR SHALL BE COORDINATED WITH THE CITY.
9. ALL OPEN TRENCHES SHALL BE BACK FILLED AT THE END OF EACH WORKING DAY. REFER TO TEMPORARY PAVEMENT RESTORATION DETAIL.
10. ALL SANITARY SEWER REQUIREMENT SHALL MEET LEHIGH COUNTY AUTHORITY SPECIFICATIONS.
11. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A ROAD CUT PERMIT FROM THE CITY OF ALLENTOWN.
12. EXISTING ROADWAY GRADES AND PAVEMENT THICKNESS SHALL MATCH EXISTING.

CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING DAYS IN DESIGN STAGE - STOP CALL

PA ONE CALL SYSTEM, INC. 1-800-242-1776

POCS SERIAL NUMBER 20251614046

REGISTERED PROFESSIONAL
MATTHEW J. CHOMKA
ENGINEER
PE078670
COMMONWEALTH OF PENNSYLVANIA
SEAL

NO. | REVISION | DATE
— | DESIGN DEVELOPMENT SUBMISSION | 12.27.2024
— | PERMIT SET | 01.13.2025

SHEET TITLE: SANITARY SEWER CONNECTION: PLAN, PROFILE & DETAILS

PROJECT TITLE:
PPL BUILDING
RESIDENTIAL FIT-OUT - FLOORS 3-22
2 N NINTH ST, ALLENTOWN, PA 18101

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FANCY PARSLEY LLC, ARCHITECTURAL DESIGN
MICHAEL MULLER, AIA, NCARB
412.855.0307 | 5753 HOVIS RD. PH. 8551 | INFO@FANCYPARSLEY.COM

PROJECT NO: 2024-031
DRAWN BY: TMM
CHECKED BY: MJC
DATE: 01.13.2025
DWG NO: C1.0