CITY OF READING

2018 PAVING PROJECT

(CITY OF READING PROJECT # 32-10-50)

CITY OF READING
BERKS COUNTY, PENNSYLVANIA

AUGUST 9, 2018

PREPARED BY:

GREAT VALLEY CONSULTANTS
ENGINEERS ♦ ARCHITECTS ♦ PLANNERS ♦ SURVEYORS ♦ CONSULTANTS

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PENNSYLVANIA ONE CALL SYSTEM, INC.
1-800-242-1776
STOP-CALL BEFORE YOU DIG!

PENNSYLVANIA ACT 121 (2008) REQUIRES NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE COMMONWEALTH.

NOTES:

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE PENNSYLVANIA ACT 121, AND TO CONTACT THE "ONE–CALL SYSTEM" 3 WORKING DAYS PRIOR TO CONSTRUCTION (UNLESS OTHERWISE INDICATED). PA ONE–CALL NUMBER: 1–800–242–1776
2. ALL EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE LOCATIONS AND MUST BE VERIFIED WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO ANY CONSTRUCTION OR OPERATION BEING UNDERTAKEN ON THIS SITE.
3. ANY CONSTRUCTION OR OPERATION UNDERTAKEN ON THIS SITE MUST CONFORM TO ANY AND ALL LOCAL, STATE, DEED OR OTHER RESTRICTIONS IN EFFECT AT THE TIME OF OPERATION.

DRAWING LIST

D–000 TITLE SHEET AND DRAWING LIST

D–001 PROJECT OVERALL LOCATION MAP

D–002 DETAILS SHEET

D–003 PROPOSED ADA RAMPS SKETCH PLAN (N. 8TH ST. – WINDSOR ST. TO DOUGLASS ST.)

D–004 PROPOSED ADA RAMPS SKETCH PLAN (N. 8TH ST. – OLEY ST. TO ELM ST.)

D–005 PROPOSED ADA RAMPS SKETCH PLAN (N. 8TH ST. & COURT ST., POPLAR ST. – WASHINGTON ST. TO WALNUT ST., CEDAR ST. – WASHINGTON ST. TO WALNUT ST.)

D–006 PROPOSED ADA RAMPS SKETCH PLAN (WASHINGTON ST. & ROSE GARDEN RD., CONSTITUTION BLVD. & ROSE GARDEN RD.)

D–007 PROPOSED ADA RAMPS SKETCH PLAN (N. 13TH ST. – ROCKLAND ST. TO EXETER ST.)

D–008 PROPOSED ADA RAMPS SKETCH PLAN (N. 13TH ST. – UNION ST. TO PIKE ST., BIRCH ST. & PIKE ST.)

D–009 PROPOSED ADA RAMPS SKETCH PLAN (N. 13TH ST. – PERRY ST. TO ROBESON ST.)

D–010 PROPOSED ADA RAMPS SKETCH PLAN (BARTLET ST. & ALLEY, MOSS ST. & GREEN ST., S. 14TH ST. & ALLEY, CHERRY ST. & WOOD ST.)

DRAWING LIST (ctd.)

11 N. 8TH ST. & OLEY ST. SIGNAL DIAGRAM (PERMIT 06–301–073)

12 N. 8TH ST. & WALNUT ST. SIGNAL DIAGRAM (PERMIT 06–301–019)

13 N. 8TH ST. & WASHINGTON ST. SIGNAL DIAGRAM (PERMIT 06–301–020)

14 N. 8TH ST. & PENN ST. SIGNAL DIAGRAM (PERMIT 06–301–042)

15 N. 11TH ST. & WASHINGTON ST. SIGNAL DIAGRAM (PERMIT 06–301–053)

16 N. 13TH ST. & ROCKLAND ST. SIGNAL DIAGRAM (PERMIT 06–301–169)

17 N. 13TH ST. & EXETER ST. SIGNAL DIAGRAM (PERMIT 06–301–148)

18 N. 13TH ST. & SPRING ST. SIGNAL DIAGRAM (PERMIT 06–301–123)

19 N. 13TH ST. & CONSTITUTION BLVD. SIGNAL DIAGRAM (PERMIT 06–301–092)

FILENAME:P:\3000\3065 – City of Reading\038 – 2018 Streets Engineering\2018 STREETS PLAN SET.dwg

City of Reading - 2018 Streets Project Overall Map

N

Legend

- 2018 Additional ADA Ramps
- 2018 Streets
- State Roads
- Local Roads
- Railroads
- Municipal
- Water

1 inch = 600 feet

CITY OF READING
815 WASHINGTON ST., READING, PA 19601-3690

2018 STREETS PROJECT OVERALL MAP

CITY OF READING | BERKS COUNTY | PENNSYLVANIA

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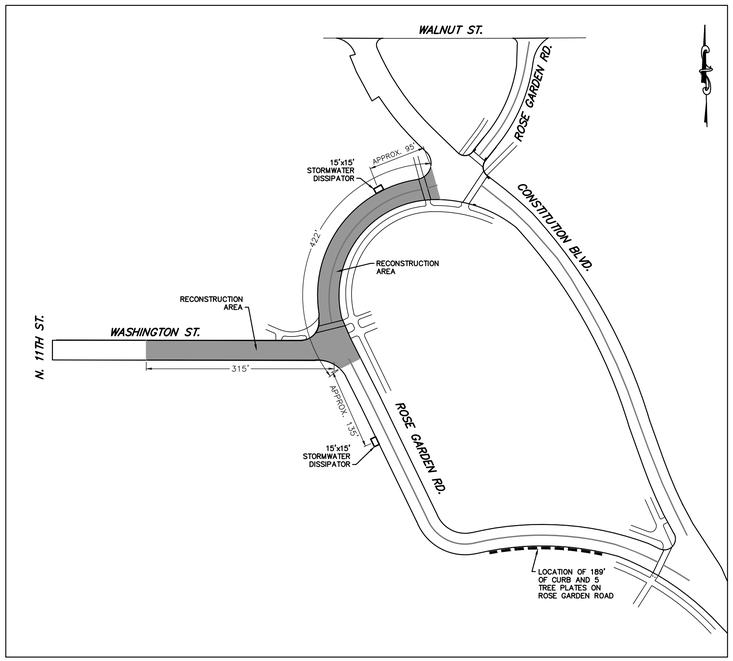
DRAFTED BY: J. MILLER	SCALE: 1" = 600'
CHECKED BY: S. ANDERSON	DATE: 7/31/2018
PROJECTION: NAD83_STATE_PLANE	DRAWING NUMBER: 3065-038-D-001

MAINTENANCE AND PROTECTION OF TRAFFIC

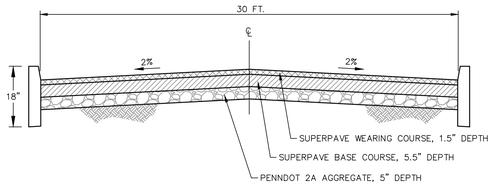
1. HOURS FOR THE PROJECT ARE UNRESTRICTED.
2. FURNISH AND PLACE "THIS ROADWAY TO BE UNDER CONSTRUCTION (DATE)" (W23-1) SIGNS AT THE LIMITS OF WORK FOR THE PROJECT FOUR (4) DAYS IN ADVANCE OF START OF CONSTRUCTION, AS DIRECTED. REMOVE SIGNS AT THE START OF CONSTRUCTION IN EACH DIRECTION.
3. MAINTAIN AND PROTECT TRAFFIC IN ACCORDANCE WITH PA 67 CODE, CHAPTER 212, FIGURES PATA 104, 110, 121, AND 122 OF PUBLICATION 213 DATED MARCH 2014, AND AS INDICATED ON THE TRAFFIC CONTROL PLAN.
4. ADDITIONAL PATA FIGURES MAY ONLY BE IMPLEMENTED IF APPROVED BY THE CITY OF READING.
5. TRAFFIC MUST BE MAINTAINED AT ALL TIMES WITH EXCEPTIONS TO REASONABLE DELAYS.
6. ALL LANES OF TRAFFIC MUST MAINTAIN A MINIMUM EFFECTIVE WIDTH OF TEN FEET (10') THROUGHOUT THE WORK ZONE.
7. PROVIDE NEW OR LIKE TRAFFIC CONTROL SIGNS AND DEVICES. DO NOT USE REFLECTIVE SHEETING THAT IS SCRATCHED, SCARRED, DIRTY OR SHOWS EVIDENCE OF LOSS OF REFLECTIVITY. DO NOT USE SIGNS OR DEVICES THAT ARE CRACKED, BENT, DENTED OR BROKEN. REPLACE REFLECTIVE SHEETING ON BARRICADE RAILS SHOULD THEY BECOME SCRATCHED WERE REFLECTIVITY BECOMES IMPAIRED.
8. MOUNT ALL LONG TERM SIGNS ON TYPE III BARRICADES UNLESS OTHERWISE NOTED OR AS DIRECTED.
9. USE TYPE III (ORANGE) RETRO-REFLECTIVE SHEETING MATERIAL ON ALL LONG TERM TRAFFIC CONTROL DEVICES.
10. NOTIFY THE DISTRICT COMMUNITY RELATIONS COORDINATOR AT 610-871-4555, AND THE INSPECTOR-IN- CHARGE TEN (10) DAYS IN ADVANCE OF ALL TRAFFIC RESTRICTIONS
11. PROVIDE AT LEAST THREE (3) DAYS NOTICE TO CITY OF READING MUNICIPAL OFFICE PRIOR TO IMPOSING TRAFFIC RESTRICTIONS.
12. COORDINATE WITH CITY OF READING POLICE DEPARTMENT AND PARKING AUTHORITY REGARDING DAILY PARKING RESTRICTIONS WITHIN THE WORK AREA.
13. MAINTAIN ACCESS TO ALL SIDE ROADS, PRIVATE DRIVEWAYS, AND BUSINESSES AT ALL TIMES. IF SHORT-TERM OPERATION WILL AFFECT ACCESS TO DRIVEWAYS, PROVIDE MINIMUM 72-HOUR ADVANCE NOTICE TO PROPERTY OWNER.
14. AS DEFINED IN PA 67 CODE, SECTION 173.3(3)(II), THE USE OF FLASHING OR STROBE LIGHTS IN HEADLIGHTS, PARKING LIGHTS AND TAILLIGHTS IS PROHIBITED. ALL CONSTRUCTION VEHICLES OPERATED WITHIN THE PROJECT LIMITS ARE PROHIBITED FROM USING SUCH LIGHTS.
15. PROVIDE LONGITUDINAL TRANSITIONS BETWEEN MILLED SURFACES AND EXISTING PAVEMENT MATCHING TABLE A OF RC-28M.
16. WHEN A TRAVELED PORTION OF ROADWAY IS MILLED, IT SHALL BE REPLACED WITHIN SIX (6) DAYS. INSTALL "ROUGH ROAD" (W8-8) SIGNS IN ADVANCE OF ALL MILLED ROADWAY SECTIONS THAT ARE NOT PAVED BEFORE OPENING TO TRAFFIC. SLOPE AREAS AROUND UTILITY MANHOLES, VALVES OR BOXES, AND INLETS TO 3:1 OR FLATTER IN MILLED ROADWAY SECTIONS THAT ARE OPEN TO TRAFFIC. "ROUGH ROAD"(W8-8) SIGNS TO HAVE BLACK LEGEND AND BORDER ON ORANGE RETRO-REFLECTIVE BACKGROUND.
17. USE 8'X 4'FLASHING ARROW PANELS FOR ALL LANE CLOSURES.
18. PRIOR TO OPENING ANY TRAVEL LANES TO TRAFFIC, ANY MILLED LEVELING COURSE OR CIR SURFACE WILL REQUIRE TEMPORARY LINE PAINTING TO RE-ESTABLISH TRAFFIC LANES. TEMPORARY LINES WILL BE INCIDENTAL TO WORK ZONE TRAFFIC CONTROL.
19. PROTECT EXCAVATIONS, AND CONSTRUCTION WORK SO AS NOT TO EXPOSE PEDESTRIANS TO HAZARDS.
20. DO NOT ATTACH OR PLACE ADHESIVE TO SIGN FACE THAT IS TEMPORARILY COVERED DURING CONSTRUCTION OPERATIONS.
21. MAINTAIN CONSTANT SURVEILLANCE OF TRAFFIC CONTROL OPERATIONS, AND SATISFACTORILY REPLACE OR CORRECT ALL MISSING, DAMAGED, INEFFECTIVE, OR MISALIGNED EQUIPMENT TO THE SATISFACTION OF THE INSPECTOR-IN-CHARGE.
22. EQUIP ALL CONSTRUCTION EQUIPMENT THAT TRAVELS IN ANY TRAFFIC LANE OPEN TO PUBLIC USE WITH HIGH INTENSITY FLASHING LIGHTS. USE FLASHING LIGHTS OF AN AMBER COLOR. HAVE FLASHING LIGHTS OPERATING WHEN VEHICLE IS ENTERING, LEAVING, OR TRAVELING ON ANY TRAFFIC LANE OPEN TO PUBLIC USE. PROVIDE LIGHTS WHICH HAVE A 360 DEGREE FIELD OF VISION.
23. MAGNETICALLY ATTACH SIGN, OR APPROVED EQUAL, TO ALL VEHICLES EXCLUDING CONCRETE DELIVERY TRUCKS USED ON THIS PROJECT DURING CONSTRUCTION OPERATIONS WHICH TRAVEL THE PROJECT ON ANY TRAFFIC LANE OPEN TO PUBLIC USE. ATTACH SIGN TO REAR OF VEHICLES IN A PROMINENT POSITION. MAINTAIN SIGNS IN A CONDITION SUITABLE TO THE INSPECTOR-IN-CHARGE.
24. SIZE OF SIGNS FOR PICK-UP TRUCKS AND SMALLER VEHICLES ARE A MINIMUM 1 FOOT HIGH BY 3 FEET WIDE WITH 3 INCH LETTERS. SIGNS FOR LARGER TRUCKS ARE A MINIMUM 2 FEET HIGH BY 5 FEET WIDE WITH 6 INCH LETTERS. PROVIDE A SIGN LEGEND OF AN ORANGE BACKGROUND WITH BLACK LETTERS, READABLE AT A DISTANCE OF 200 FEET DURING DAYLIGHT HOURS. PROVIDE SIGN LETTERING WHICH READS AS FOLLOWS:
    CONSTRUCTION VEHICLE
    KEEP ALERT
    FOR SUDDEN STOPS AND TURNS
25. ENSURE THAT ANSI 107-2004 CLASS 2 APPAREL (ORANGE OR FLUORESCENT YELLOW-GREEN) IS WORN BY ALL EMPLOYEES ENGAGED IN WORK OPERATIONS WITHIN THE RIGHT-OF-WAY OF ANY FEDERAL-AID OR STATE HIGHWAY. FLAGGERS SHALL BE REQUIRED TO WEAR ANSI 107-2004 CLASS 2 VESTS (ORANGE OR FLUORESCENT YELLOW-GREEN), WHEN PERFORMING FLAGGER OPERATIONS. ANSI 107-2004 CLASS 3 APPAREL SHALL BE WORN BY ALL EMPLOYEES IN NIGHT TIME OPERATIONS.
26. AT COMPLETION OF PROJECT, REMOVE ALL CONSTRUCTION SIGNS AND DEVICES FROM THE PROJECT SITE.

CONSTRUCTION NOTES

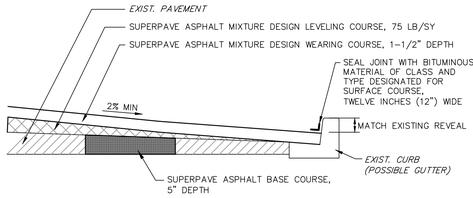
1. ALL DIMENSIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD CONFIRM ALL DIMENSIONS.
2. ALL WORK SHALL COMPLYING WITH PENNSYLVANIA ACT 187, AS AMENDED BY ACT 181, AND SHALL CONTACT THE "PA ONE CALL SYSTEM" AT LEAST THREE WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
3. PAVEMENT MARKINGS AT THE SIGNALIZED INTERSECTIONS SHALL BE IN ACCORDANCE WITH THE CONDITION DIAGRAMS INCLUDED IN THESE PROJECT DRAWINGS.



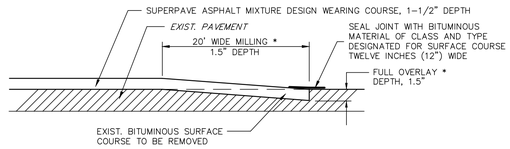
RECONSTRUCTION LIMITS OF WORK AND STORMWATER DISSIPATOR LOCATIONS
SCALE: 1"=120'



RECONSTRUCTION DETAIL
NOT TO SCALE

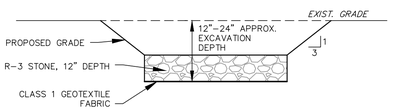


TYPICAL BASE REPAIR DETAIL
SCALE: NONE



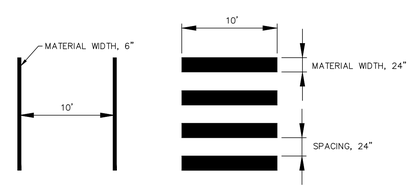
TYPICAL PAVEMENT NOTCH
SCALE: NONE

NOTE:
PAVEMENT NOTCH AT AT EACH END KENHORST BOULEVARD AND MUSEUM ROAD SHALL BE IN ACCORDANCE WITH PENNDOT 408 AND BASED ON THE SPEED LIMIT.



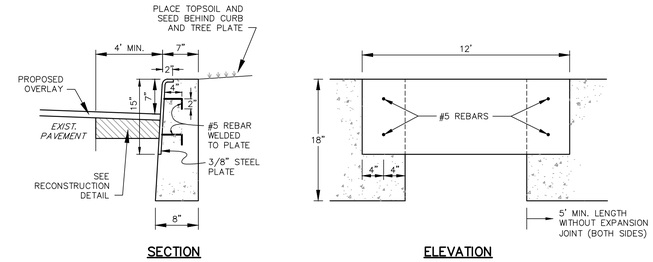
NOTES:
1. SEE RECONSTRUCTION LIMITS OF WORK AND STORMWATER DISSIPATOR LOCATIONS DETAIL FOR LOCATIONS OF STORMWATER DISSIPATOR.
2. EXISTING ROLLED CURB ON ROSE GARDEN ROAD ADJACENT TO THE DISSIPATOR SHALL BE REMOVED AND INCIDENTAL TO THE CONSTRUCTION.
3. DISSIPATOR SHALL BE GRADED LEVEL TO ENSURE DRAINAGE FROM ROSE GARDEN ROAD INTO THE ADJACENT GRASS AREAS EVENLY ACROSS THE DISSIPATOR.
4. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PA DEP BMP MANUAL - BMP 6.8.1, INFLOW LEVEL SPREADER, AGGREGATE TRENCH, AND PER THESE DRAWINGS.
5. DIMENSIONS OF THE DISSIPATOR SHALL BE APPROXIMATELY 15 FEET LENGTH BY 15 FEET WIDTH.

STORMWATER DISSIPATOR
SCALE: NONE



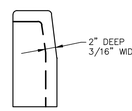
NOTES:
1. EACH INTERSECTION IS TO HAVE 6" OR 24" PAVEMENT MARKINGS, NOT BOTH.
2. SEE SKETCH PLANS FOR EACH INTERSECTION.

STANDARD CROSSWALKS MARKINGS
SCALE: NONE

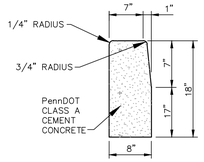


SECTION ELEVATION

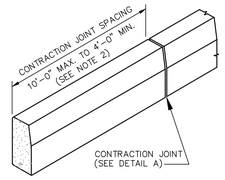
STEEL TREE PLATE FOR CURBING AND RESTORATION
NOT TO SCALE



DETAIL A
CONTRACTION JOINT



TYPICAL CROSS SECTION



NOTES:
1. MATERIALS AND CONSTRUCTION SHALL MEET THE REQUIREMENTS OF PUBLICATION 408, SECTION 630.
2. SPACE CONTRACTION JOINTS IN UNIFORM LENGTHS OR SECTIONS.
3. PLACE 1/2" PREMOLDED EXPANSION JOINT FILLER MATERIAL AT STRUCTURES, AT THE END OF THE WORK DAY, AND EVERY 20'. CUT MATERIAL TO CONFORM TO AREA ADJACENT TO CURB OR TO CONFORM TO CROSS-SECTIONAL AREA OF CURB.
4. CURBING SHALL HAVE A 3500 PSI MINIMUM COMPRESSIVE STRENGTH.

CONCRETE CURB
NOT TO SCALE

NO.	DATE	REVISIONS

SURVEY NOTEBOOK:

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CITY OF READING
815 WASHINGTON ST., READING, PA 19601-3690

2018 PAVING PROJECT

DETAILS SHEET

CITY OF READING, BERKS COUNTY, PENNSYLVANIA

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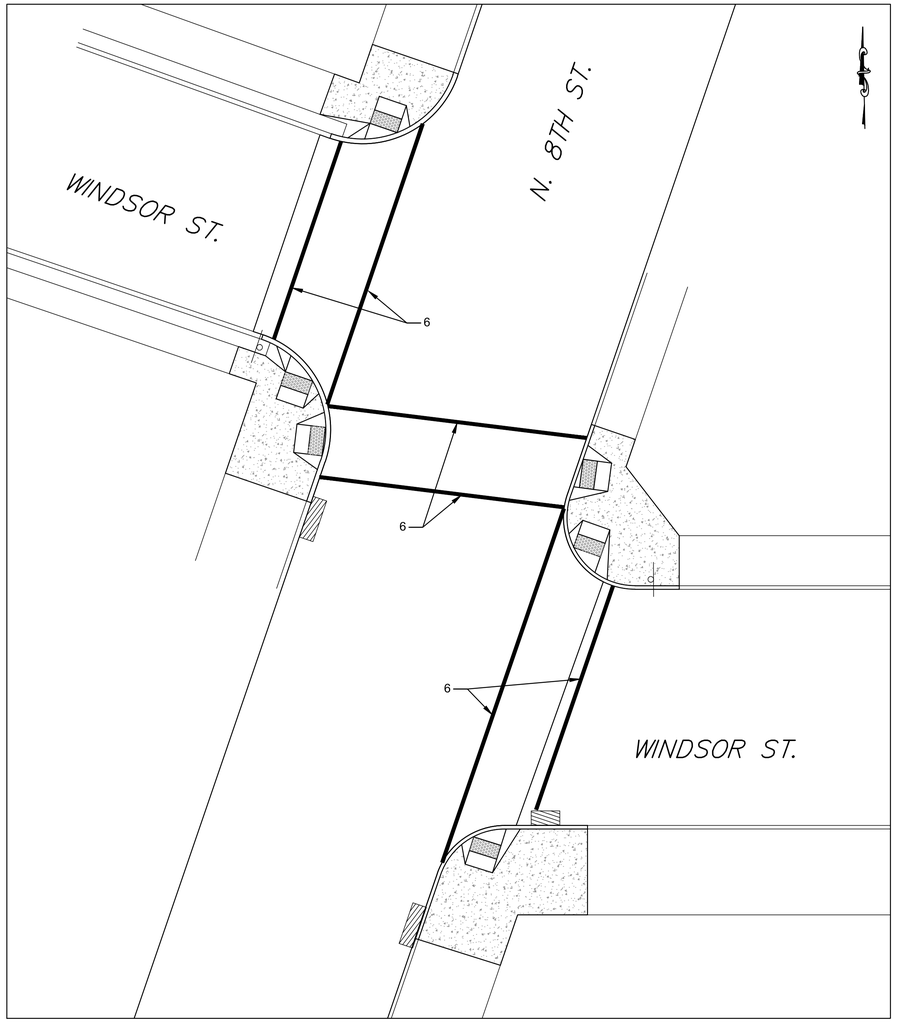
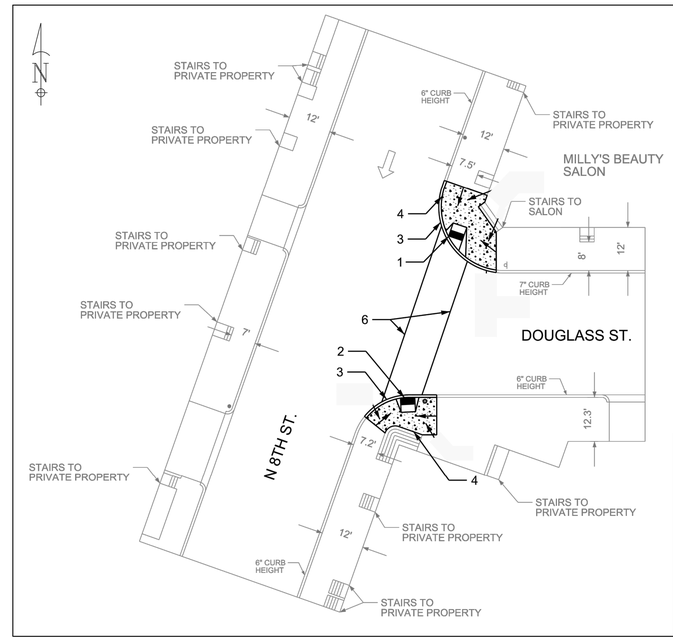
DRAFTED BY: JRM	AS NOTED (SCALE)	8/9/18 (DATE)
CHECKED BY:		
APPROVALS:	3065-038-D-002 (DRAWING NUMBER)	

FILE NAME: P:\3000\3065 - City of Reading\038 - 2018 Streets Engineering\2018 STREETS PLAN SET.dwg



N. 8TH ST. & WINDSOR ST.
SCALE: 1"=10'



N. 8TH ST. & DOUGLASS ST.
SCALE: NONE

CONCEPT NOTES:

1. REMOVE AND REPLACE RAMP
2. REMOVE AND REPLACE RAMP
3. REPAIR AND REPLACE PCC CURB
4. REPAIR AND REPLACE PCC SIDEWALK

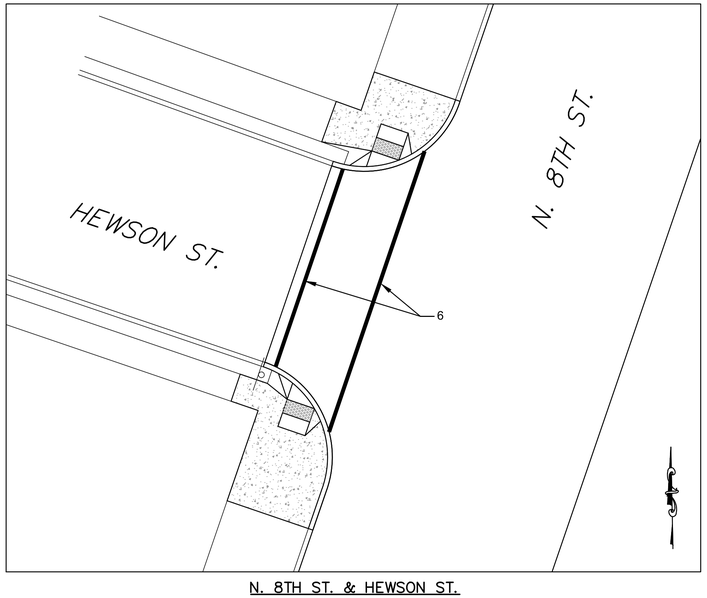
6. PLACE THERMOPLASTIC PAVEMENT MARKINGS (10' WIDE CROSSWALK)

GENERAL NOTES:

* EXISTING MEASUREMENTS SHALL BE FIELD VERIFIED
* RAMP RUNNING SLOPE SHALL NOT EXCEED 8.3% AND TOP LANDING SLOPES SHALL NOT EXCEED 2% EITHER DIRECTION

REFERENCE NOTE:

THIS CONCEPT ADA RAMP LAYOUT WAS TAKEN FROM PLANS TITLED "CITY OF READING ADA COMPLIANCE" PREPARED BY THE TEMPLE GROUP, INC. DATED FEBRUARY 22, 2016.



N. 8TH ST. & HEWSON ST.
SCALE: 1"=10'

LEGEND

- EXISTING SIGN
- EXISTING STORM INLET
- EXISTING UTILITY POLE
- PROPOSED LIMITS OF ADA CURB RAMP

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

NO.	DATE	REVISIONS

SURVEY NOTEBOOK:

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CITY OF READING
815 WASHINGTON ST., READING, PA 19601-3690

2018 PAVING PROJECT

PROPOSED ADA RAMPS SKETCH PLAN

CITY OF READING, BERKS COUNTY, PENNSYLVANIA

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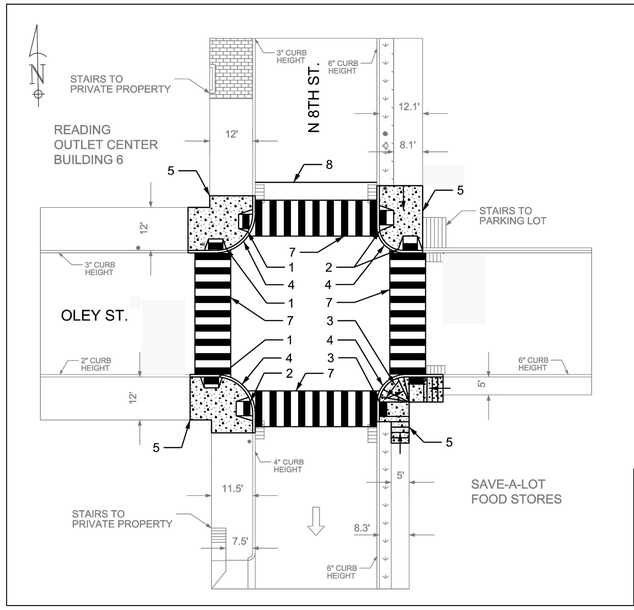
CHECKED BY:		
APPROVALS:	3065-038-D-003 (DRAWING NUMBER)	

FILE NAME: P:\3000\3065 - City of Reading\038 - 2018 Streets Engineering\2018 STREETS PLAN SET.dwg



N. 8TH ST. & OLEY ST.
SCALE: NONE

CONCEPT NOTES:

1. REMOVE AND REPLACE RAMP
2. REMOVE AND REPLACE RAMP
3. REMOVE AND REPLACE RAMP
4. REPAIR AND REPLACE PCC CURB
5. REPAIR AND REPLACE PCC SIDEWALK

7. PLACE THERMOPLASTIC PAVEMENT MARKINGS (10' WIDE CROSSWALK)

8. PLACE THERMOPLASTIC PAVEMENT MARKINGS STOP BAR, 24"

GENERAL NOTES:

* EXISTING MEASUREMENTS SHALL BE FIELD VERIFIED
* RAMP RUNNING SLOPE SHALL NOT EXCEED 8.3% AND TOP LANDING SLOPES SHALL NOT EXCEED 2% EITHER DIRECTION

REFERENCE NOTE:

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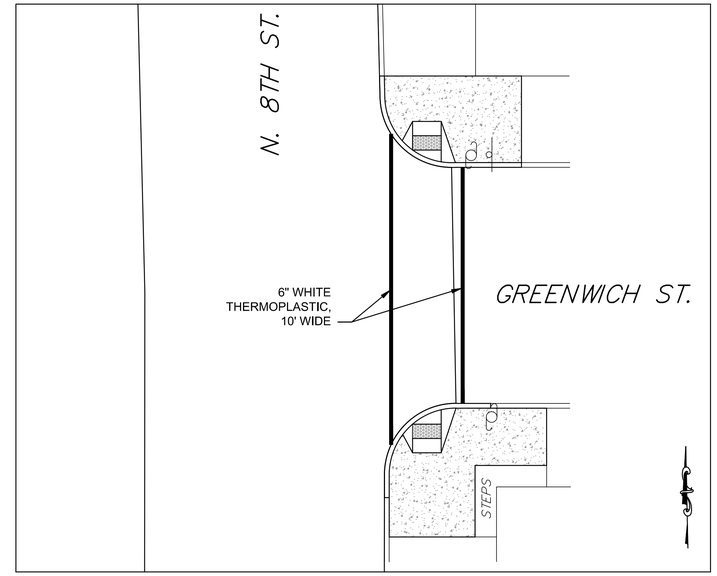
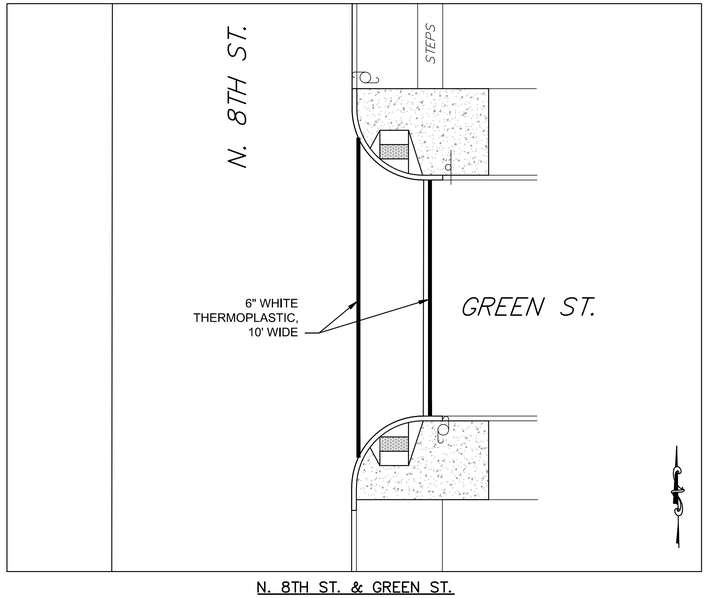
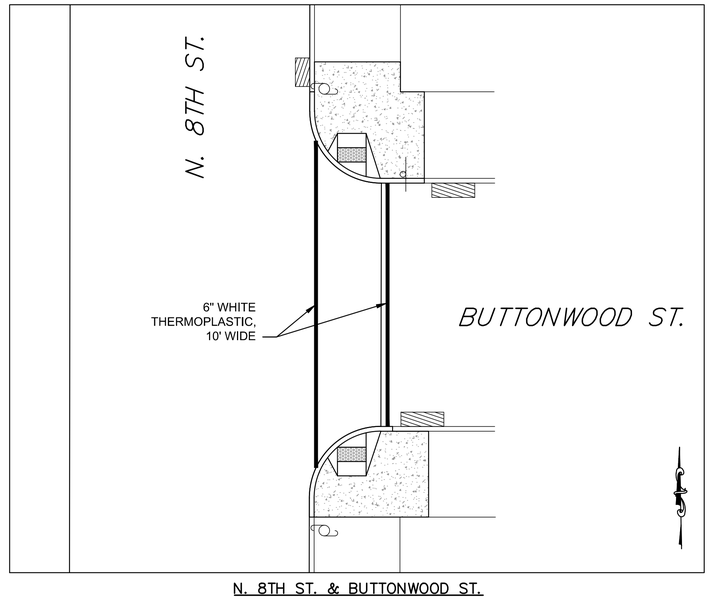


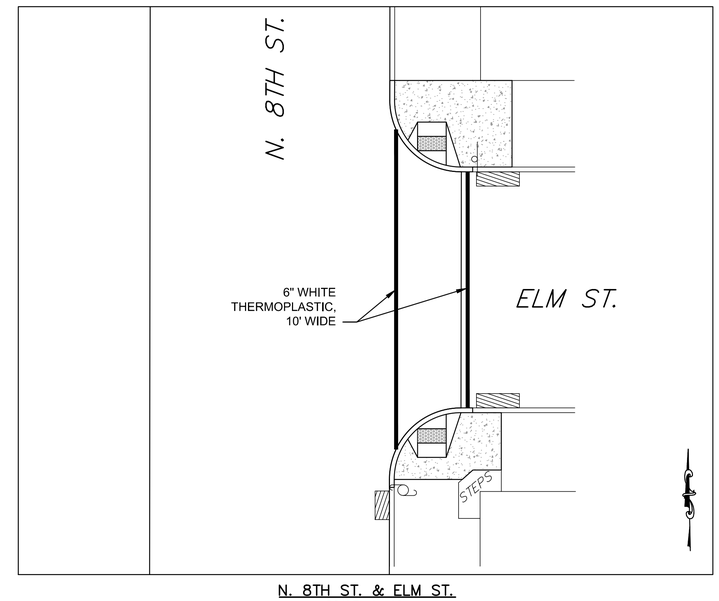
N. 8TH ST. & GREENWICH ST.
SCALE: 1"=10'



N. 8TH ST. & GREEN ST.
SCALE: 1"=10'



N. 8TH ST. & BUTTONWOOD ST.
SCALE: 1"=10'



N. 8TH ST. & ELM ST.
SCALE: 1"=10'

LEGEND

- EXISTING SIGN
- EXISTING STORM INLET
- EXISTING UTILITY POLE
- PROPOSED LIMITS OF ADA CURB RAMP

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

NO.	DATE	REVISIONS

SURVEY NOTEBOOK:

CITY OF READING
815 WASHINGTON ST., READING, PA 19601-3690

2018 PAVING PROJECT

PROPOSED ADA RAMPS SKETCH PLAN

CITY OF READING, BERKS COUNTY, PENNSYLVANIA

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CHECKED BY:	SCALE	DATE
APPROVALS:	3065-038-D-004	
	DRAWING NUMBER	

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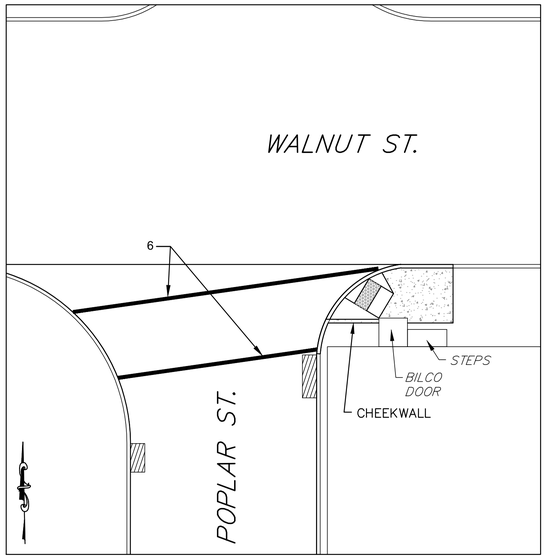
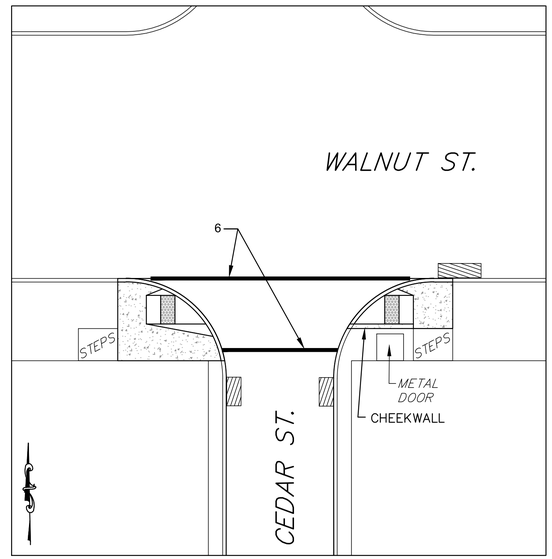
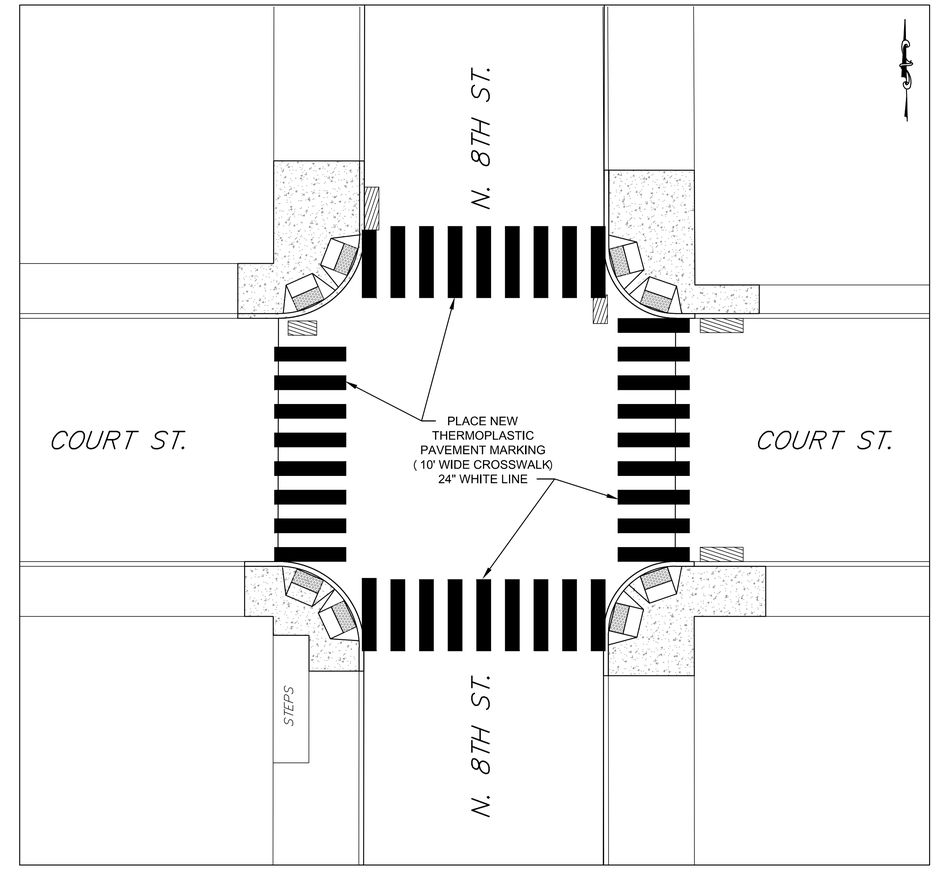


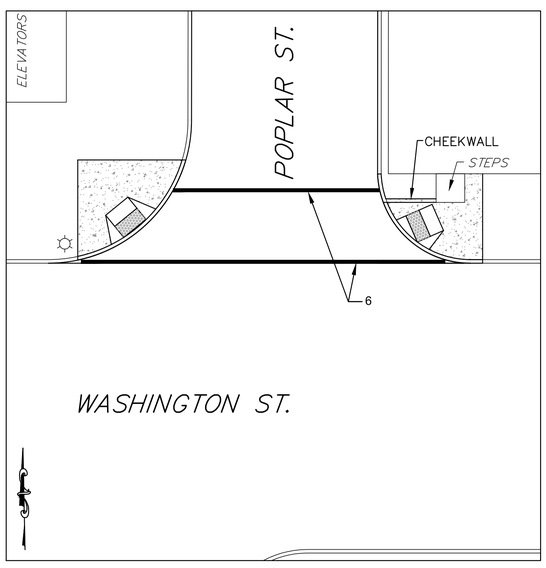
WALNUT ST. & POPLAR ST.
SCALE: 1"=10'



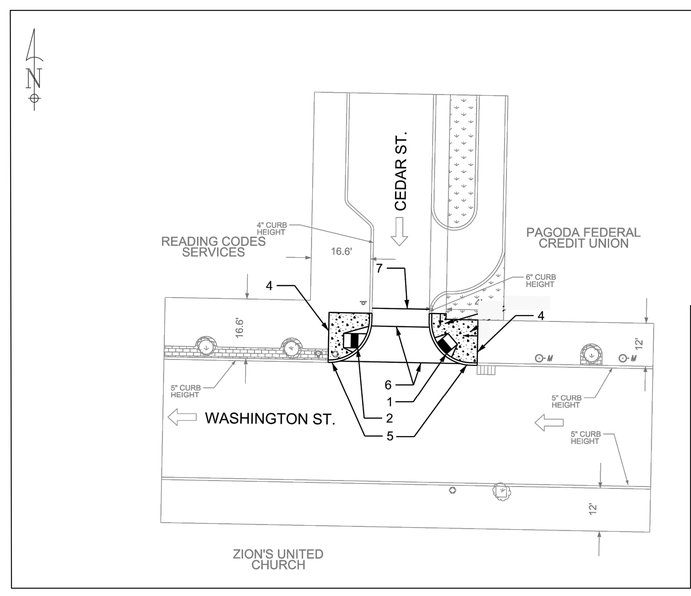
WALNUT ST. & CEDAR ST.
SCALE: 1"=10'



N. 8TH ST. & COURT ST.
SCALE: 1"=10'



WASHINGTON ST. & POPLAR ST.
SCALE: 1"=10'



WASHINGTON ST. & CEDAR ST.
SCALE: NONE

CONCEPT NOTES:

1. REMOVE AND REPLACE RAMP
2. REMOVE AND REPLACE RAMP
4. REPAIR AND REPLACE PCC SIDEWALK
5. REPAIR AND REPLACE CURB
6. PLACE NEW THERMOPLASTIC PAVEMENT MARKINGS (10' WIDE CROSSWALK)
7. PLACE NEW THERMOPLASTIC PAVEMENT MARKINGS, STOP BAR

GENERAL NOTES:

* EXISTING MEASUREMENTS SHALL BE FIELD VERIFIED

REFERENCE NOTE:

THIS CONCEPT ADA RAMP LAYOUT WAS TAKEN FROM PLANS TITLED "CITY OF READING ADA COMPLIANCE" PREPARED BY THE TEMPLE GROUP, INC. DATED FEBRUARY 22, 2016.

LEGEND

- EXISTING SIGN
- EXISTING STORM INLET
- EXISTING UTILITY POLE
- PROPOSED LIMITS OF ADA CURB RAMP

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

NO.	DATE	REVISIONS

SURVEY NOTEBOOK:

CITY OF READING
815 WASHINGTON ST., READING, PA 19601-3690

2018 PAVING PROJECT

PROPOSED ADA RAMPS SKETCH PLAN

CITY OF READING, BERKS COUNTY, PENNSYLVANIA

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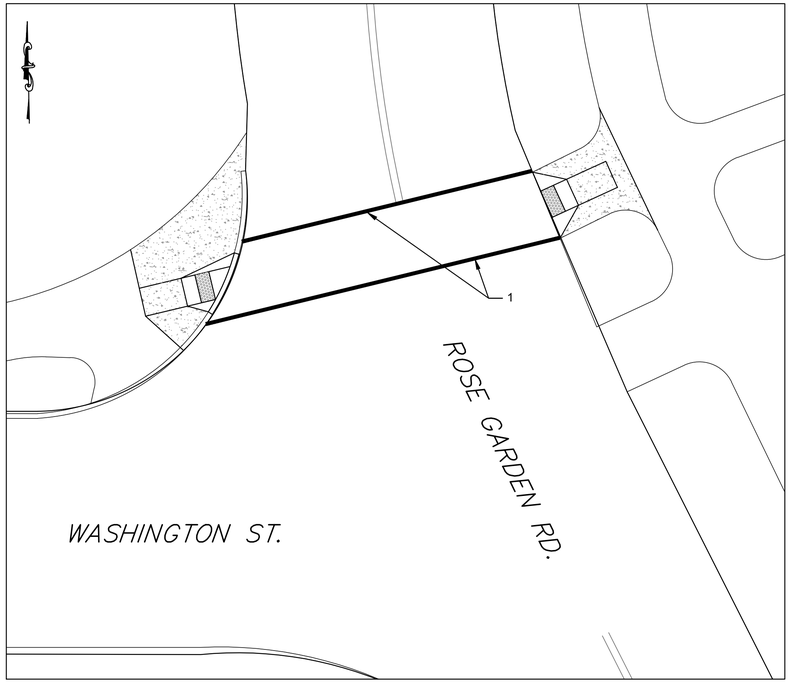
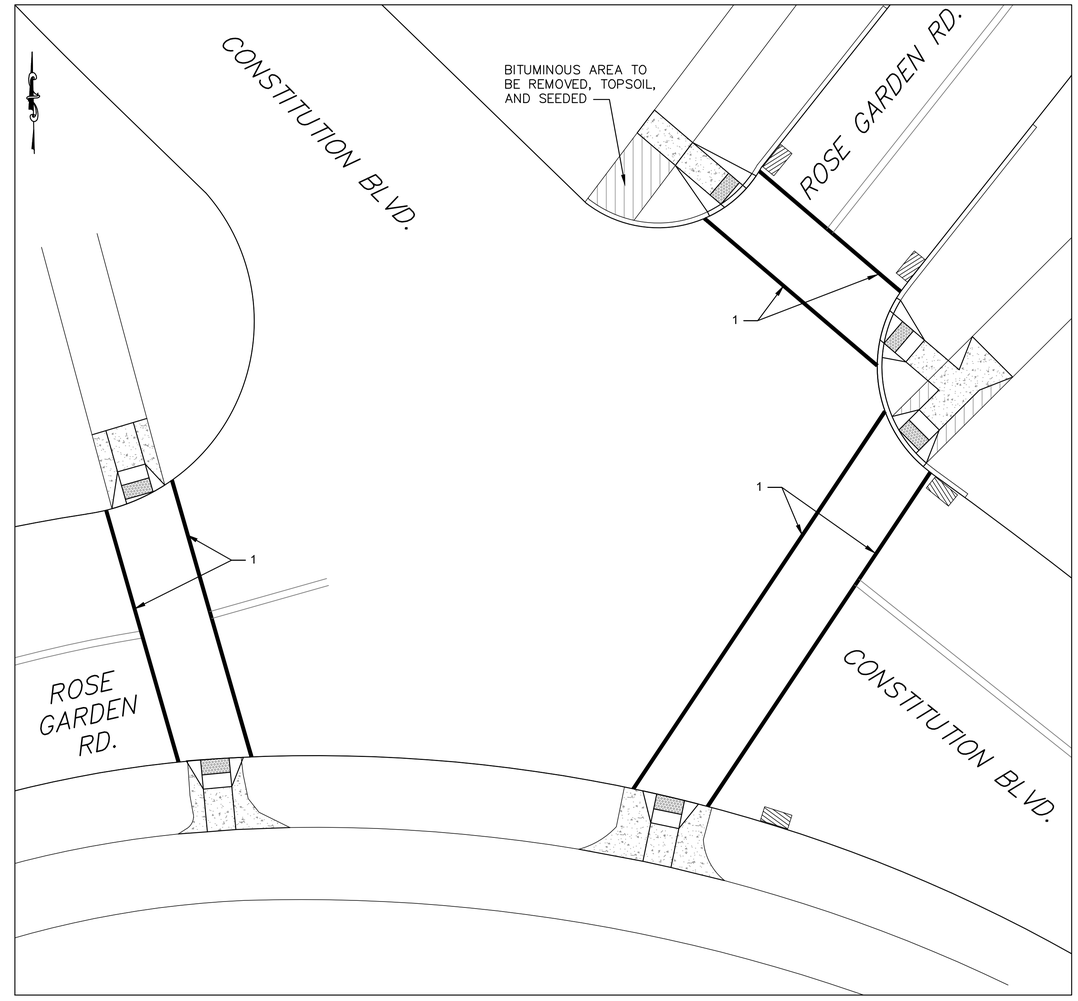
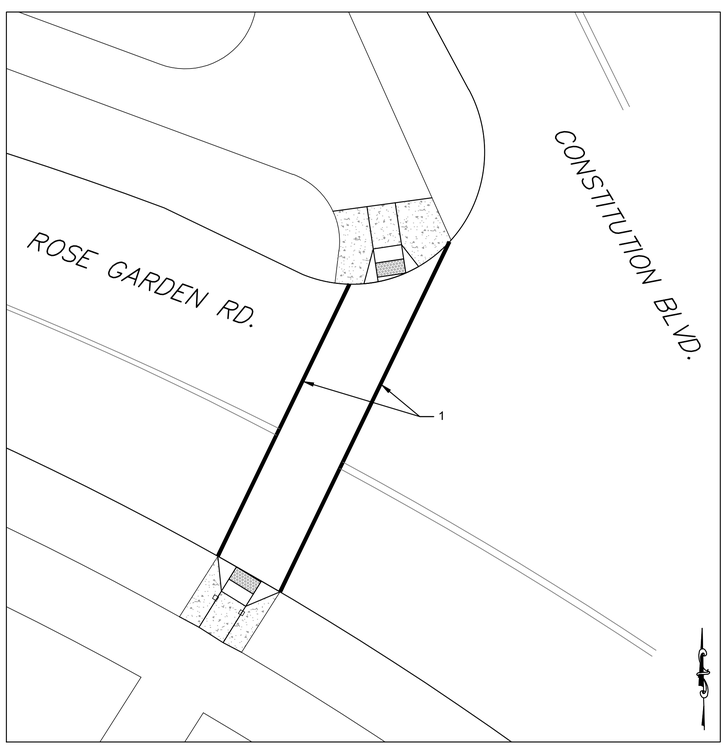


WASHINGTON ST. & ROSE GARDEN RD.
SCALE: 1"=10'



CONSTITUTION BLVD. & ROSE GARDEN RD.
(NORTH INTERSECTION)
SCALE: 1"=10'



CONSTITUTION BLVD. & ROSE GARDEN RD.
(SOUTH INTERSECTION)
SCALE: 1"=10'

CONSTRUCTION NOTES:

1. PLACE NEW THERMOPLASTIC PAVEMENT MARKINGS (10' WIDE CROSSWALK).
2. ADA CURB RAMP INSTALLATIONS TO BE COMPLETE PRIOR TO ADJACENT ROADWAY IMPROVEMENTS.

LEGEND

- EXISTING SIGN
- EXISTING STORM INLET
- EXISTING UTILITY POLE
- PROPOSED LIMITS OF ADA CURB RAMP

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

NO.	DATE	REVISIONS

SURVEY NOTEBOOK:

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2018 PAVING PROJECT

PROPOSED ADA RAMPS SKETCH PLAN

CITY OF READING, BERKS COUNTY, PENNSYLVANIA

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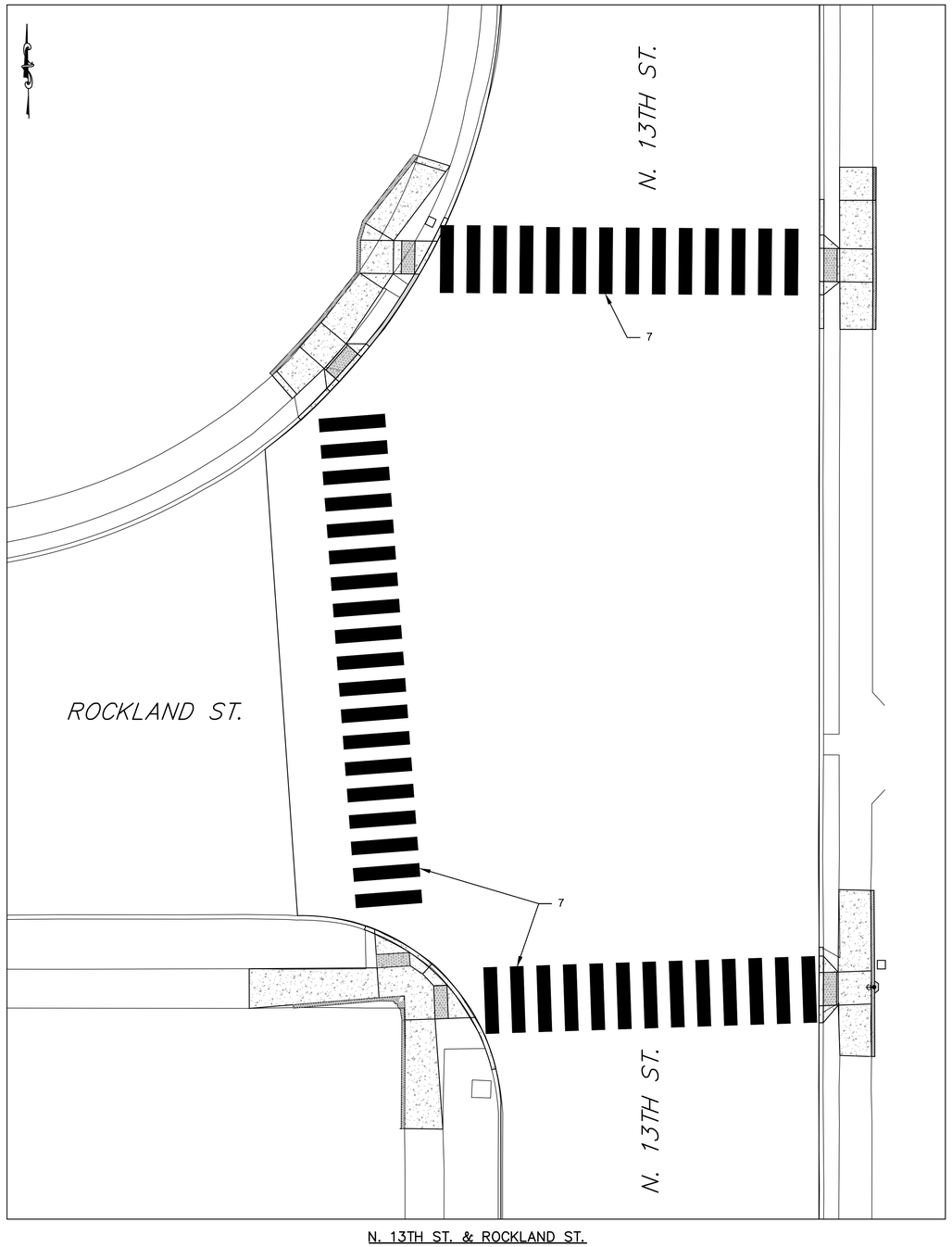
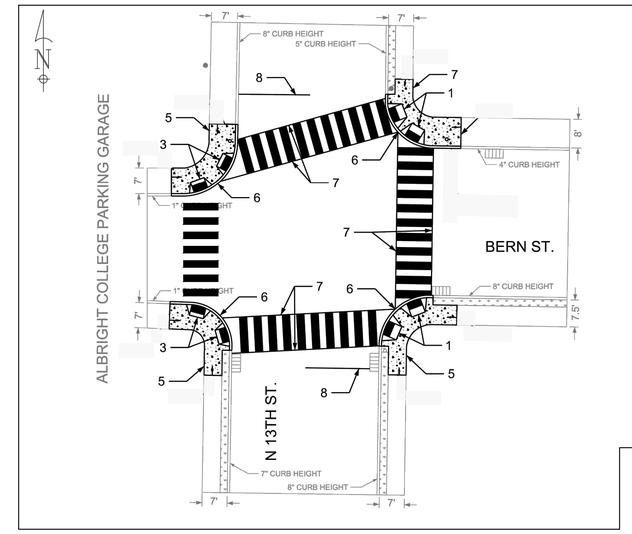


N. 13TH ST. & ROCKLAND ST.
SCALE: 1"=10'



CONCEPT NOTES:

1. REMOVE AND REPLACE RAMP
3. REMOVE AND REPLACE RAMP
5. REPAIR AND REPLACE PCC SIDEWALK
6. REPAIR AND REPLACE PCC CURB
7. PLACE NEW THERMOPLASTIC PAVEMENT MARKINGS (10' WIDE CROSSWALK)
8. PLACE NEW THERMOPLASTIC PAVEMENT MARKINGS, STOP BAR

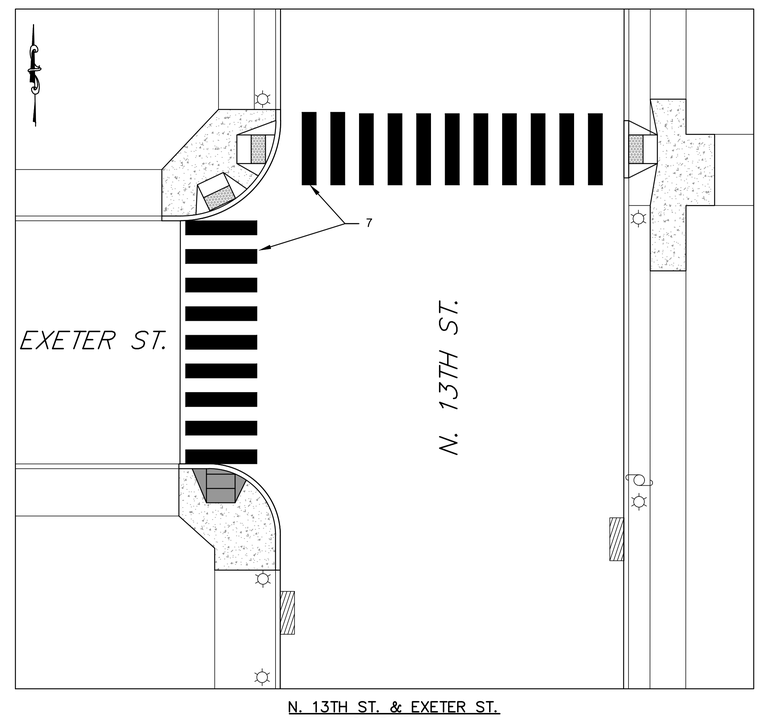
GENERAL NOTES:

* EXISTING MEASUREMENTS SHALL BE FIELD VERIFIED
* RAMP RUNNING SLOPE SHALL NOT EXCEED 8.3% AND LANDING SLOPES SHALL NOT EXCEED 2% IN EITHER DIRECTION.

REFERENCE NOTE:

THIS CONCEPT ADA RAMP LAYOUT WAS TAKEN FROM PLANS TITLED "CITY OF READING ADA COMPLIANCE" PREPARED BY THE TEMPLE GROUP, INC. DATED FEBRUARY 22, 2016.

N. 13TH ST. & BERN ST.
SCALE: NONE



N. 13TH ST. & EXETER ST.
SCALE: 1"=10'

LEGEND

- EXISTING SIGN
- EXISTING STORM INLET
- EXISTING UTILITY POLE
- PROPOSED LIMITS OF ADA CURB RAMP

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

NO.	DATE	REVISIONS

SURVEY NOTEBOOK:

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2018 PAVING PROJECT

PROPOSED ADA RAMPS SKETCH PLAN

CITY OF READING, BERKS COUNTY, PENNSYLVANIA

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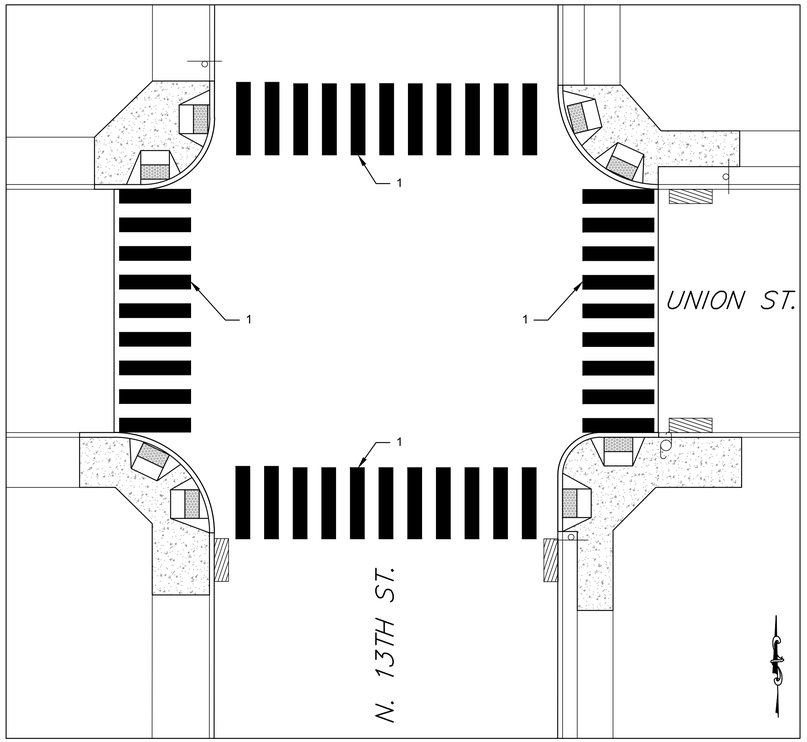
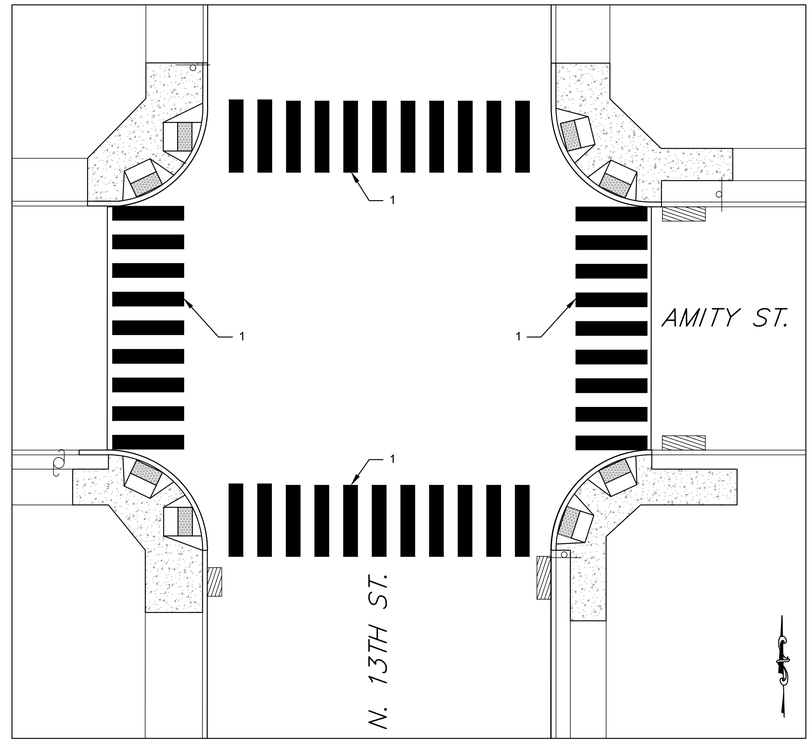


N. 13TH ST. & UNION ST.
SCALE: 1"=10'



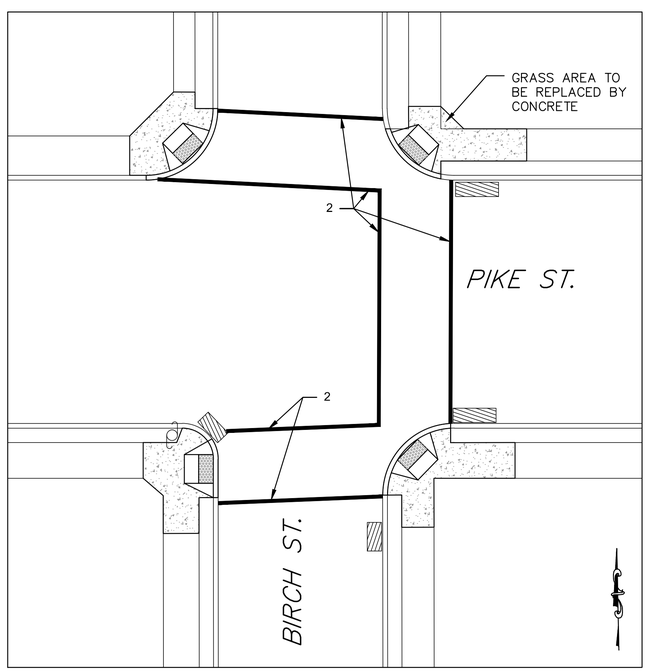
N. 13TH ST. & AMITY ST.
SCALE: 1"=10'

CONSTRUCTION NOTES:

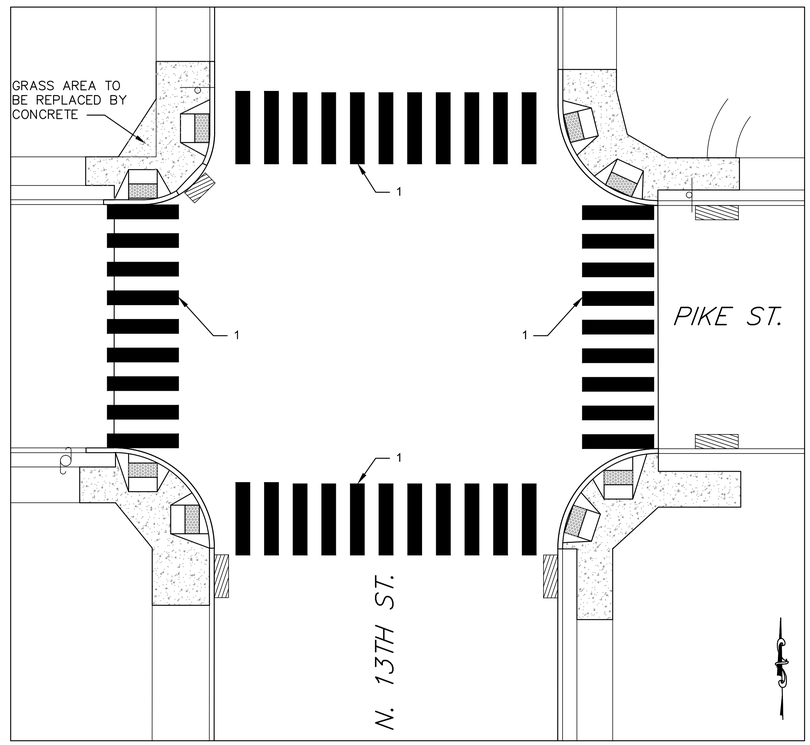
1. PLACE NEW THERMOPLASTIC PAVEMENT MARKINGS (10' WIDE CROSSWALK), 24" LINE.
2. PLACE NEW THERMOPLASTIC PAVEMENT MARKINGS (10' WIDE CROSSWALK), 6" LINE.

LEGEND

- EXISTING SIGN
- EXISTING STORM INLET
- EXISTING UTILITY POLE
- PROPOSED LIMITS OF ADA CURB RAMP



BIRCH ST. & PIKE ST.
SCALE: 1"=10'



N. 13TH ST. & PIKE ST.
SCALE: 1"=10'

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

NO.	DATE	REVISIONS

SURVEY NOTEBOOK:

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815 WASHINGTON ST., READING, PA 19601-3690

2018 PAVING PROJECT

PROPOSED ADA RAMPS SKETCH PLAN

CITY OF READING, BERKS COUNTY, PENNSYLVANIA

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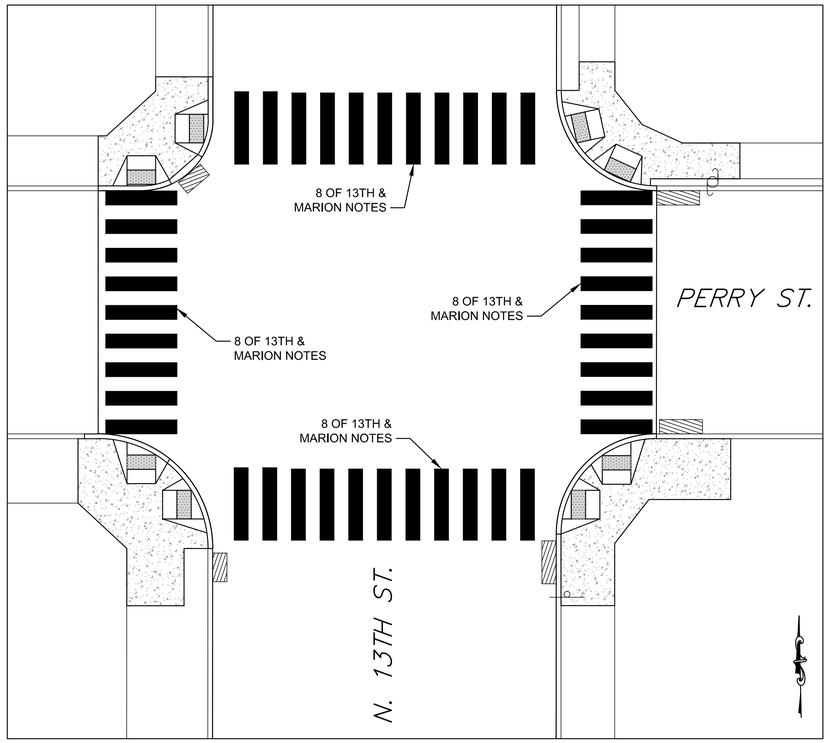
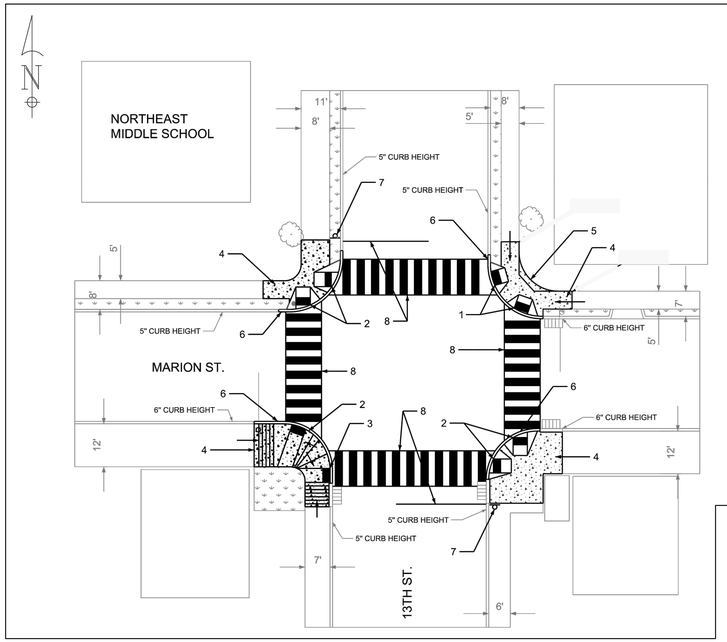


N. 13TH ST. & PERRY ST.
SCALE: 1"=10'



N. 13TH ST. & MARION ST.
SCALE: NONE

CONCEPT NOTES:

1. REMOVE AND REPLACE
2. REMOVE AND REPLACE
3. REMOVE AND REPLACE
4. REPAIR AND REPLACE SIDEWALK
5. PLACE NEW SIDEWALK, (COORDINATE WITH RESIDENT OWNER AND CITY BEFORE ACQUIRING ADDITIONAL SPACE FOR TOP LANDING)
6. REPAIR AND REPLACE CURB
7. RESET STOP SIGNS TO MARKED LOCATION ON DESIGN
8. PLACE THERMOPLASTIC PAVEMENT MARKINGS (10' WIDE CROSSWALK)

(STOP BAR)

24"

GENERAL NOTES:

*EXISTING DIMENSIONS SHALL BE FIELD VERIFIED

*RAMP RUNNING SLOPE SHALL NOT EXCEED 8.3% AND TOP LANDING SLOPE SHALL NOT EXCEED 2% IN EITHER DIRECTION

REFERENCE NOTE:

THIS CONCEPT ADA RAMP LAYOUT WAS TAKEN FROM PLANS TITLED "CITY OF READING ADA COMPLIANCE" PREPARED BY THE TEMPLE GROUP, INC. DATED FEBRUARY 22, 2016.

LEGEND

EXISTING SIGN

EXISTING STORM INLET

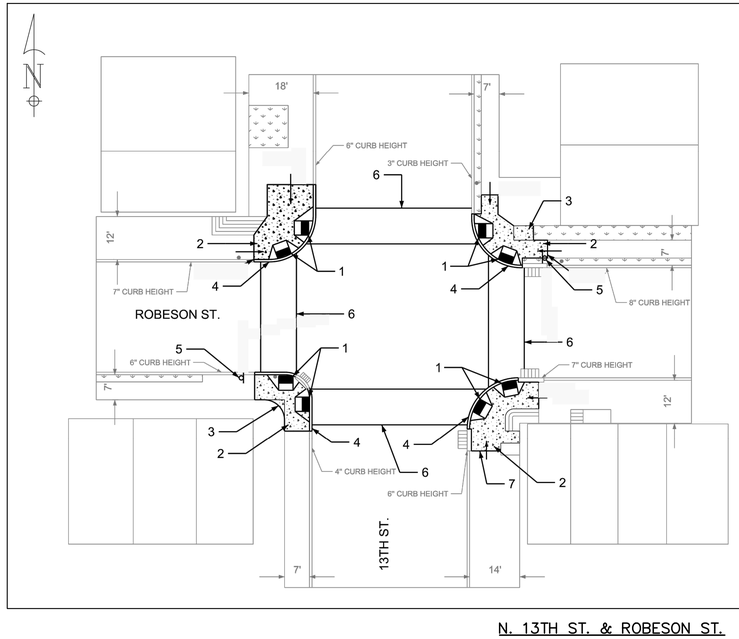
EXISTING UTILITY POLE

PROPOSED LIMITS OF ADA CURB RAMP

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.



N. 13TH ST. & ROBESON ST.
SCALE: NONE

CONCEPT NOTES:

1. REMOVE AND REPLACE
2. REPAIR AND REPLACE SIDEWALK
3. WORK WITH RESIDENT AND CITY OF READING BEFORE PLACING NEW SIDEWALK
4. REPAIR AND REPLACE CURB
5. RESET STOP SIGNS TO MARKED LOCATIONS ON DESIGN
6. PLACE THERMOPLASTIC PAVEMENT MARKINGS (10' WIDE CROSSWALK)

GENERAL NOTES:

*EXISTING DIMENSIONS SHALL BE FIELD VERIFIED

*RAMP RUNNING SLOPE SHALL NOT EXCEED 8.3% AND TOP LANDING SLOPE SHALL NOT EXCEED 2% IN EITHER DIRECTION

REFERENCE NOTE:

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NO.	DATE	REVISIONS

SURVEY NOTEBOOK:

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CITY OF READING
815 WASHINGTON ST., READING, PA 19601-3690

2018 PAVING PROJECT

PROPOSED ADA RAMPS SKETCH PLAN

CITY OF READING, BERKS COUNTY, PENNSYLVANIA

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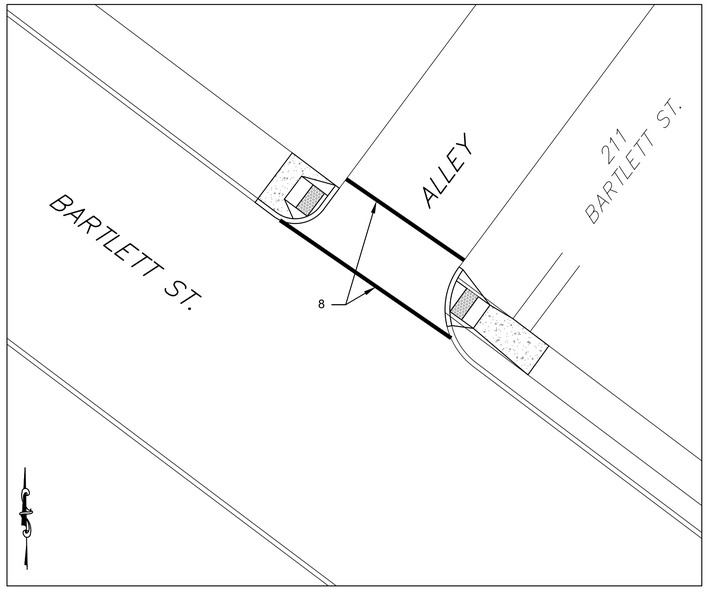
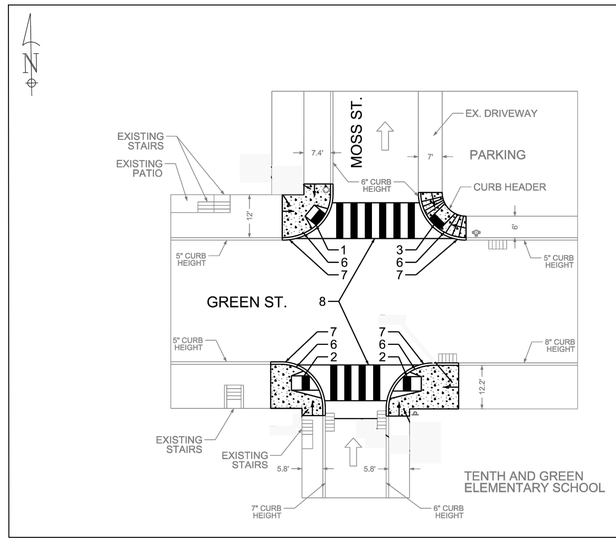


BARTLET ST. & ALLEY
SCALE: 1"=10'



CONCEPT NOTES:

1. REMOVE AND REPLACE
2. REMOVE AND REPLACE
3. REMOVE AND REPLACE

6. REPAIR AND REPLACE PCC SIDEWALK
7. REPAIR AND REPLACE CURB
8. PLACE NEW THERMOPLASTIC PAVEMENT MARKINGS (10' WIDE CROSSWALK)

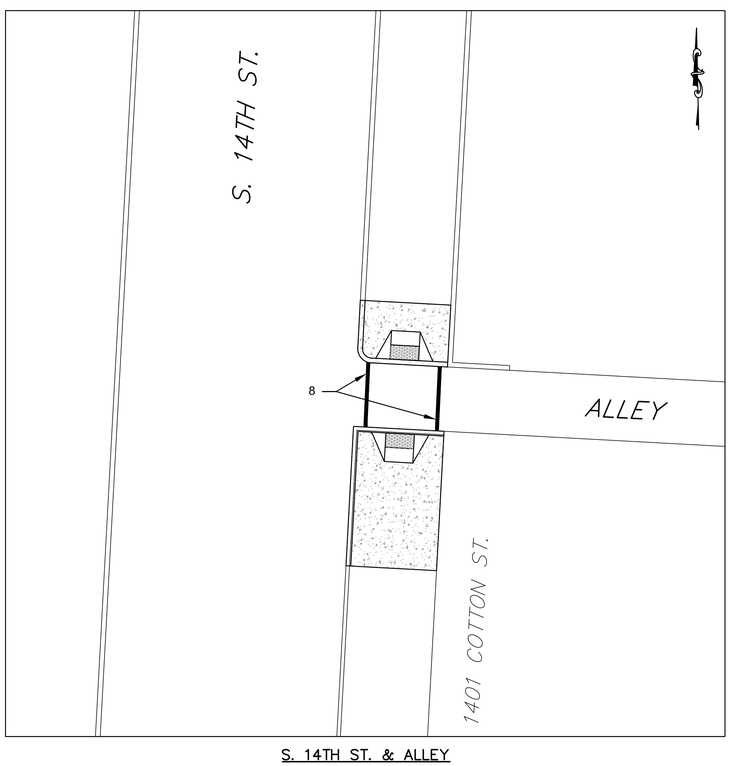
GENERAL NOTES:

* EXISTING MEASUREMENTS SHALL BE FIELD VERIFIED
* RAMP RUNNING SLOPE NOT TO EXCEED 8.3% AND TOP LANDING SLOPES SHALL NOT EXCEED 2% EITHER DIRECTION

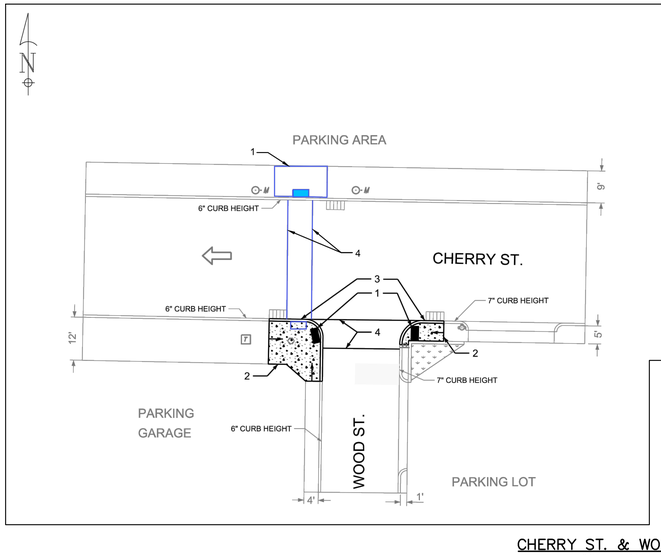
REFERENCE NOTE:

THIS CONCEPT ADA RAMP LAYOUT WAS TAKEN FROM PLANS TITLED "CITY OF READING ADA COMPLIANCE" PREPARED BY THE TEMPLE GROUP, INC. DATED FEBRUARY 22, 2016.

MOSS ST. & GREEN ST.
SCALE: NONE



S. 14TH ST. & ALLEY
SCALE: 1"=10'



CONCEPT NOTES:

1. REMOVE THE RAMP AND LOWER THE CURB AND SIDEWALK HEIGHT TO ROAD LEVEL AND PLACE DWS
2. REPAIR AND REPLACE PCC SIDEWALK
3. REPAIR AND REPLACE PCC CURB
4. PLACE NEW THERMOPLASTIC PAVEMENT MARKING (10' WIDE CROSSWALK)

GENERAL NOTES:

* EXISTING MEASUREMENTS SHALL BE FIELD VERIFIED
* RAMP RUNNING SLOPE SHALL NOT EXCEED 8.3% AND LANDING SLOPES SHALL NOT EXCEED 2% IN EITHER DIRECTION

REFERENCE NOTE:

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CHERRY ST. & WOOD ST.
SCALE: NONE

LEGEND

EXISTING SIGN
EXISTING STORM INLET
EXISTING UTILITY POLE
PROPOSED LIMITS OF ADA CURB RAMP

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

NO.	DATE	REVISIONS

SURVEY NOTEBOOK:

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2018 PAVING PROJECT

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