

NAPER SETTLEMENT INNOVATION GATEWAY AND AGRICULTURAL CENTER

523 S. WEBSTER STREET
 NAPERVILLE, IL 60540



Wight & Company
 wightco.com
 2000 North Frontage Road
 Naperville, IL 60561
 P 630.989.7000
 F 630.989.7979

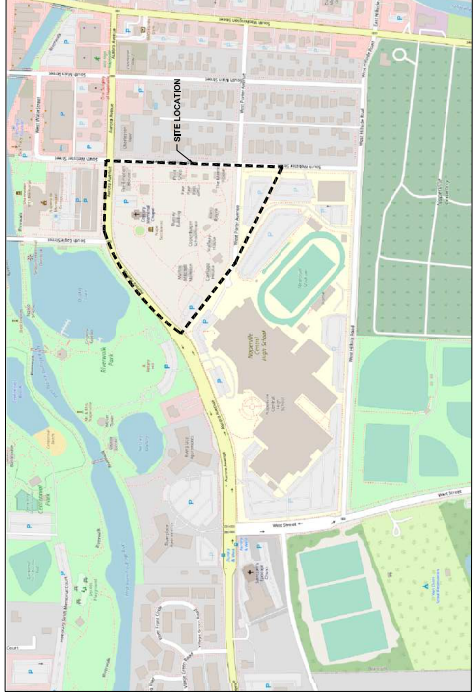
PROJECT TEAM

CLIENT:
 NAPERVILLE HERITAGE SOCIETY
 2000 NORTH FRONTAGE ROAD
 NAPERVILLE, IL 60561
 CONTACT: HARRIET PETERSON
 PHONE: (630)989-7000
 Design Firm Registration: #184-000451

CIVIL ENGINEER:
 WIGHT & COMPANY
 2000 NORTH FRONTAGE ROAD
 NAPERVILLE, IL 60561
 CONTACT: SHAWN BENSON
 PHONE: (630)989-7000
 Design Firm Registration: #184-000451

LANDSCAPE ARCHITECT:
 WIGHT & COMPANY
 2000 NORTH FRONTAGE ROAD
 NAPERVILLE, IL 60561
 CONTACT: PATTY KING
 PHONE: (630)989-7000
 Design Firm Registration: #184-000451

ARCHITECT:
 WIGHT & COMPANY
 2000 NORTH FRONTAGE ROAD
 NAPERVILLE, IL 60561
 CONTACT: LEANNE MEYER-SMITH
 PHONE: (630)989-7000
 Design Firm Registration: #184-000451



LOCATION MAP

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FOR UNDERGROUND UTILITY LOCATIONS, CALL JULIE. TOLL FREE TEL. 1-800-892-0123

- JULIE SUBURBS & DIGG CHICAGO
- YELLOW _____ GAS
 - RED _____ ELECTRICAL
 - ORANGE _____ TELEPHONE
 - GREEN _____ COMMUNICATION
 - BLUE _____ WATER
 - PINK _____ SEWERS
 - WHITE _____ SAFE TO DIG

REFERENCE BENCHMARKS

CITY OF NAPERVILLE SURVEY MONUMENT #4002 BENCHMARK TO TOP OF SECURITY MONUMENT 8'10" 6" STAINLESS STEEL DATUM POINT IN 11" PVC PIPE WITH BENCH MARK ALUMINUM ACCESS COVER AT THE INTERSECTION OF WEBSTER STREET AND ANDRUS AVENUE, SAID CHESHIRE LANE. SAID MONUMENT IS 14.3 FEET NORTHEAST OF A SANITARY MANHOLE. 432 FEET SOUTHEAST OF THE FIRE HYDRANT TOP OF WOOD FENCE POST.

MONUMENT #1003300643
 NORTHING: 1588.897472 EASTING: 1033.987741
 ELEVATION: 667.74

SITE BENCHMARKS:

SBM#1
 CROSS CUT IN THE WEST CURBLINE OF NAPERVILLE CENTRAL HIGH SCHOOL CROSS IS 23.4 FEET SOUTHWEST OF SANITARY MANHOLE IN THE WEBSTER STREET. SAID MONUMENT IS 14.3 FEET NORTHEAST OF A SANITARY MANHOLE. 432 FEET SOUTHWEST OF THE FIRE HYDRANT TOP OF WOOD FENCE POST.

MONUMENT #1033.987741
 NORTHING: 1588.897472 EASTING: 1033.987741
 ELEVATION: 667.74

SBM#2
 CROSS CUT IN THE WEST CURBLINE OF WEBSTER STREET, 606 FEET SOUTH OF THE INTERSECTION OF WEBSTER STREET AND ANDRUS AVENUE, SAID MONUMENT IS 22.4 FEET SOUTHWEST OF SANITARY MANHOLE IN THE WEBSTER STREET. SAID MONUMENT IS 14.3 FEET NORTHEAST OF A SANITARY MANHOLE. 432 FEET SOUTHWEST OF THE FIRE HYDRANT TOP OF WOOD FENCE POST.

MONUMENT #1033.987741
 NORTHING: 1588.897472 EASTING: 1033.987741
 ELEVATION: 667.74

SBM#3
 CROSS CUT IN CONCRETE HEADER CURB AT THE NORTHEAST CORNER OF THREE WAY INTERSECTION OF BRICK PAVEMENT AND 104' FEET NORTHEAST OF THE INTERSECTION OF WEBSTER STREET AND 104' FEET NORTHEAST OF THE OPEN-HANGER SCHOOL HOUSE.

MONUMENT #1033.987741
 NORTHING: 1588.897472 EASTING: 1033.987741
 ELEVATION: 667.74

SBM#4
 CROSS CUT IN THE SOUTH CONCRETE HEADER ALONG THE BEAD OF BRICK PAVEMENT SAID MONUMENT IS 23.4 FEET SOUTHWEST OF SANITARY MANHOLE IN THE WEBSTER STREET. SAID MONUMENT IS 14.3 FEET NORTHEAST OF A SANITARY MANHOLE. 432 FEET SOUTHWEST OF THE FIRE HYDRANT TOP OF WOOD FENCE POST.

MONUMENT #1033.987741
 NORTHING: 1588.897472 EASTING: 1033.987741
 ELEVATION: 667.74

SBM#5
 CROSS CUT IN THE SOUTH CONCRETE HEADER AT THE INTERSECTION OF THE BRICK PAVEMENT CHAPEL. THE ENTRANCE TO CENTURY MEMORIAL CHAPEL.

MONUMENT #1033.987741
 NORTHING: 1588.897472 EASTING: 1033.987741
 ELEVATION: 667.74



SHAWN M. BENSON
 062-082116
 LICENSED PROFESSIONAL ENGINEER
 STATE OF ILLINOIS

2021/01/22
 APPROVED
 CITY OF NAPERVILLE
 Address: 523 S. Webster St.
 Last Revision Date: 11/2/2021
 Approval Date: 12/2/2021

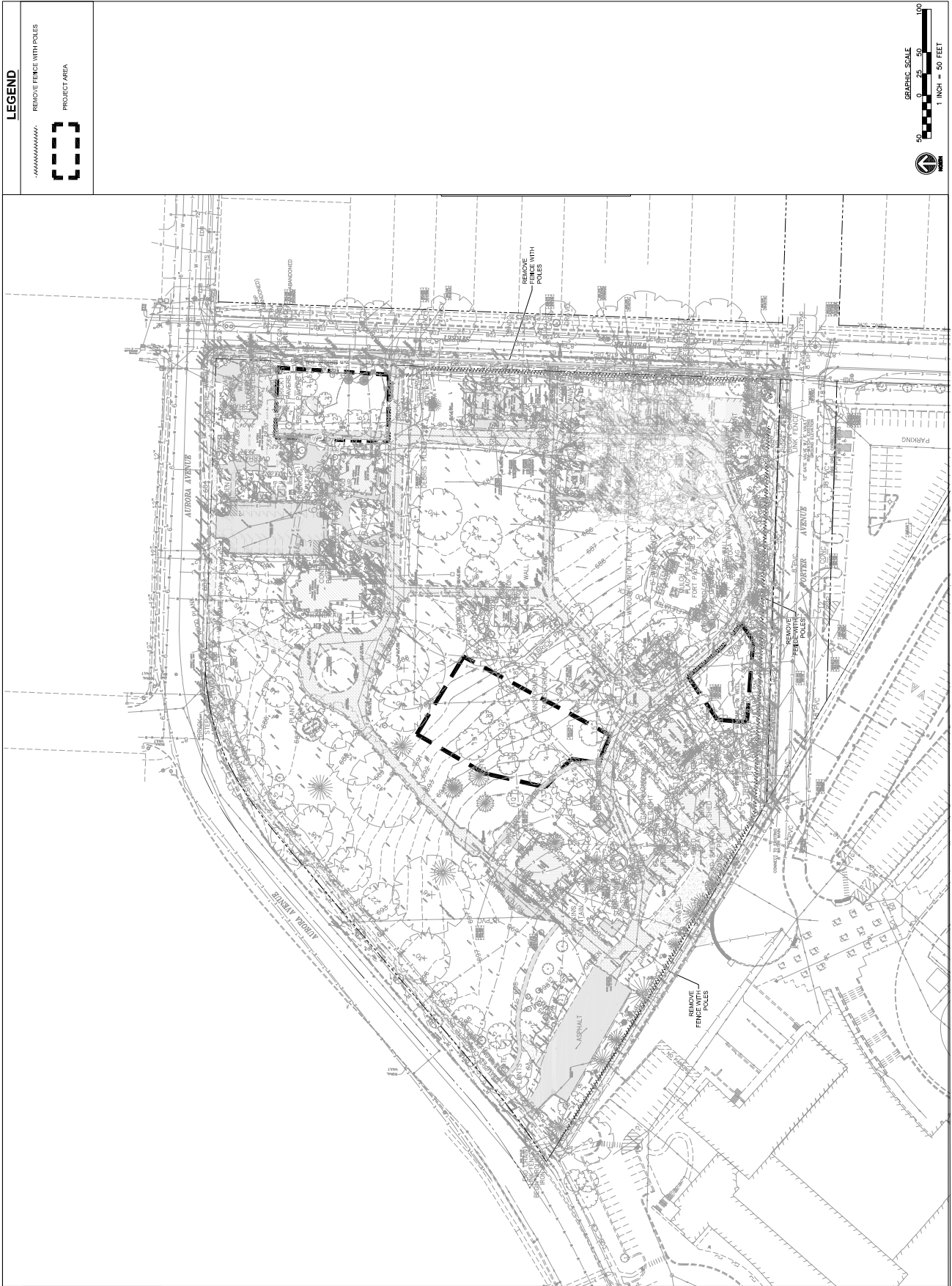
C0.00
 COVER SHEET

Project Number: 2021-01-01
 Issue: 1/22/21
 Scale: 1/8" = 1'-0"
 Sheet: SC

ISSUED FOR RESUBMITTAL 01-22-21
 ISSUED FOR RESUBMITTAL 12-04-20
 ISSUED FOR RESUBMITTAL 10-22-20
 ISSUED FOR PERMIT 09-08-20
 REV DESCRIPTION DATE

NAPER SETTLEMENT
 INNOVATION GATEWAY & AG CENTER
 523 S. WEBSTER STREET
 NAPERVILLE, IL 60540

COVER SHEET



LEGEND

-----	REMOVE FENCE WITH POLES
-----	PROJECT AREA

wight
 Wight & Company
 wightco.com
 2000 North Forthage Road
 DeWitt, IL 60511
 P 630.982.7000
 F 630.982.7979

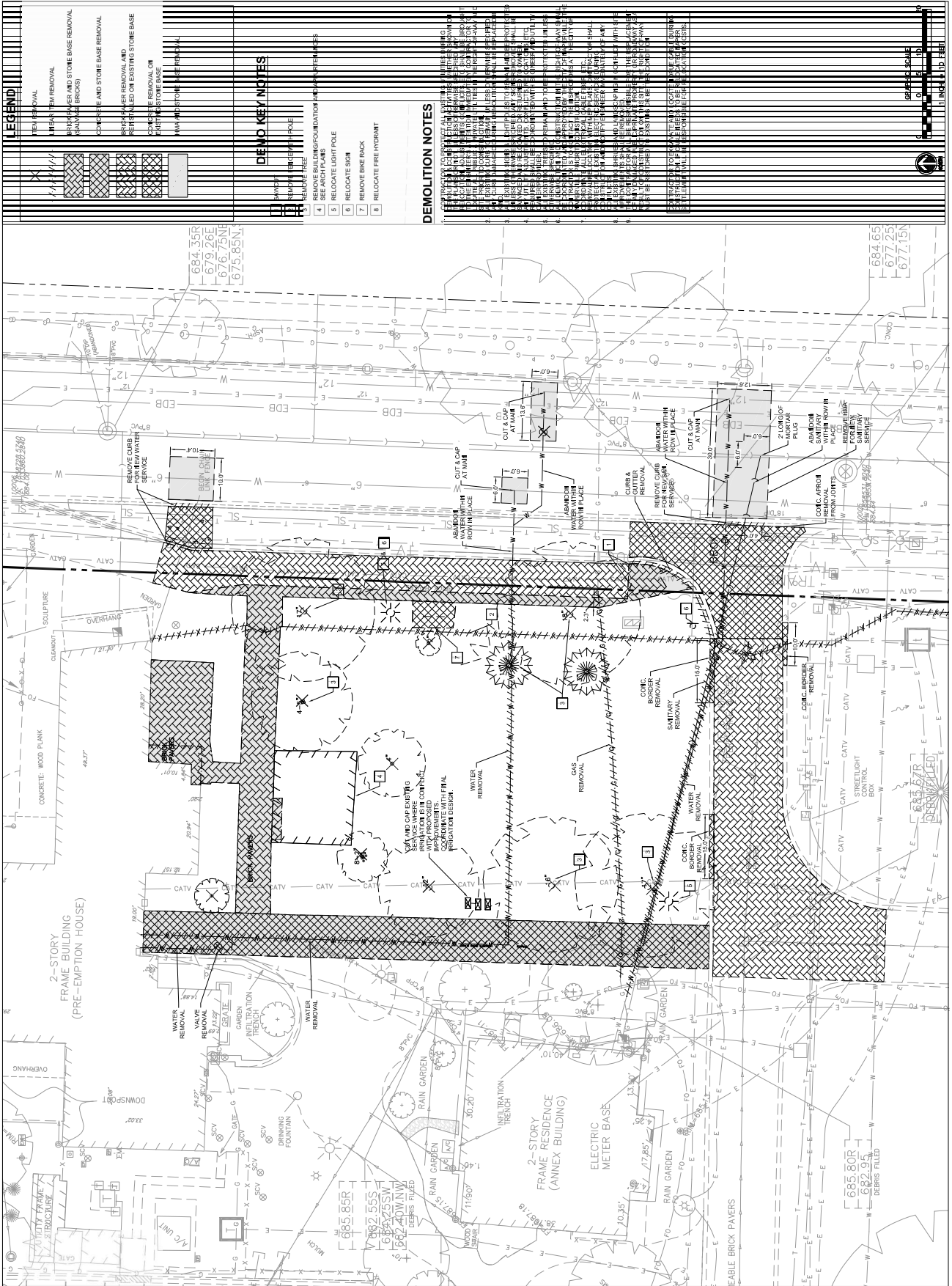
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ISSUED FOR RESUBMITTAL	10-22-20	
ISSUED FOR PERMIT	09-08-20	
REV	DESCRIPTION	DATE

**NAPER SETTLEMENT
 INNOVATION
 GATEWAY
 & AG CENTER**
 523 S. WEBSTER STREET
 NAPERVILLE, IL 60540

**OVERALL EXISTING
 CONDITIONS**

Project Engineer
 Project Manager
 Design Team
 SC
 Sheet

C1.00



LEGEND

- REBAR REMOVAL
- WRENCH REMOVAL
- BRICKS AND STONE BASE REMOVAL
- CONCRETE BRICKS
- CONCRETE AND STONE BASE REMOVAL
- REINFORCER REMOVAL AND REBAR REMOVAL ON EXISTING STONE BASE
- CONCRETE REMOVAL ON EXISTING STONE BASE
- REBAR REMOVAL

DEMO KEY NOTES

- 1 REMOVE REBAR
- 2 REMOVE REINFORCER
- 3 REMOVE LIGHT POLE
- 4 SEE ARCH PLANS
- 5 RELOCATE SIGN
- 6 RELOCATE BIKE RACK
- 7 RELOCATE FIRE HYDRANT
- 8 REMOVE FIRE HYDRANT

DEMOLITION NOTES

1. ALL STRUCTURE TO BE DEMOLISHED SHALL BE DEMOLISHED WITHIN 90 DAYS OF THE PERMIT START DATE. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE CITY OF NAPERVILLE DEMOLITION ORDINANCE.

2. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE CITY OF NAPERVILLE DEMOLITION ORDINANCE.

3. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE CITY OF NAPERVILLE DEMOLITION ORDINANCE.

4. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE CITY OF NAPERVILLE DEMOLITION ORDINANCE.

5. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE CITY OF NAPERVILLE DEMOLITION ORDINANCE.

6. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE CITY OF NAPERVILLE DEMOLITION ORDINANCE.

7. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE CITY OF NAPERVILLE DEMOLITION ORDINANCE.

8. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE CITY OF NAPERVILLE DEMOLITION ORDINANCE.

9. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE CITY OF NAPERVILLE DEMOLITION ORDINANCE.

10. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE CITY OF NAPERVILLE DEMOLITION ORDINANCE.

NAPER SETTLEMENT INNOVATION GATEWAY

wight & company
 wightco.com
 2000 North Forestry Road
 Durham, IL 60511
 P 630.982.7000
 F 630.982.7979

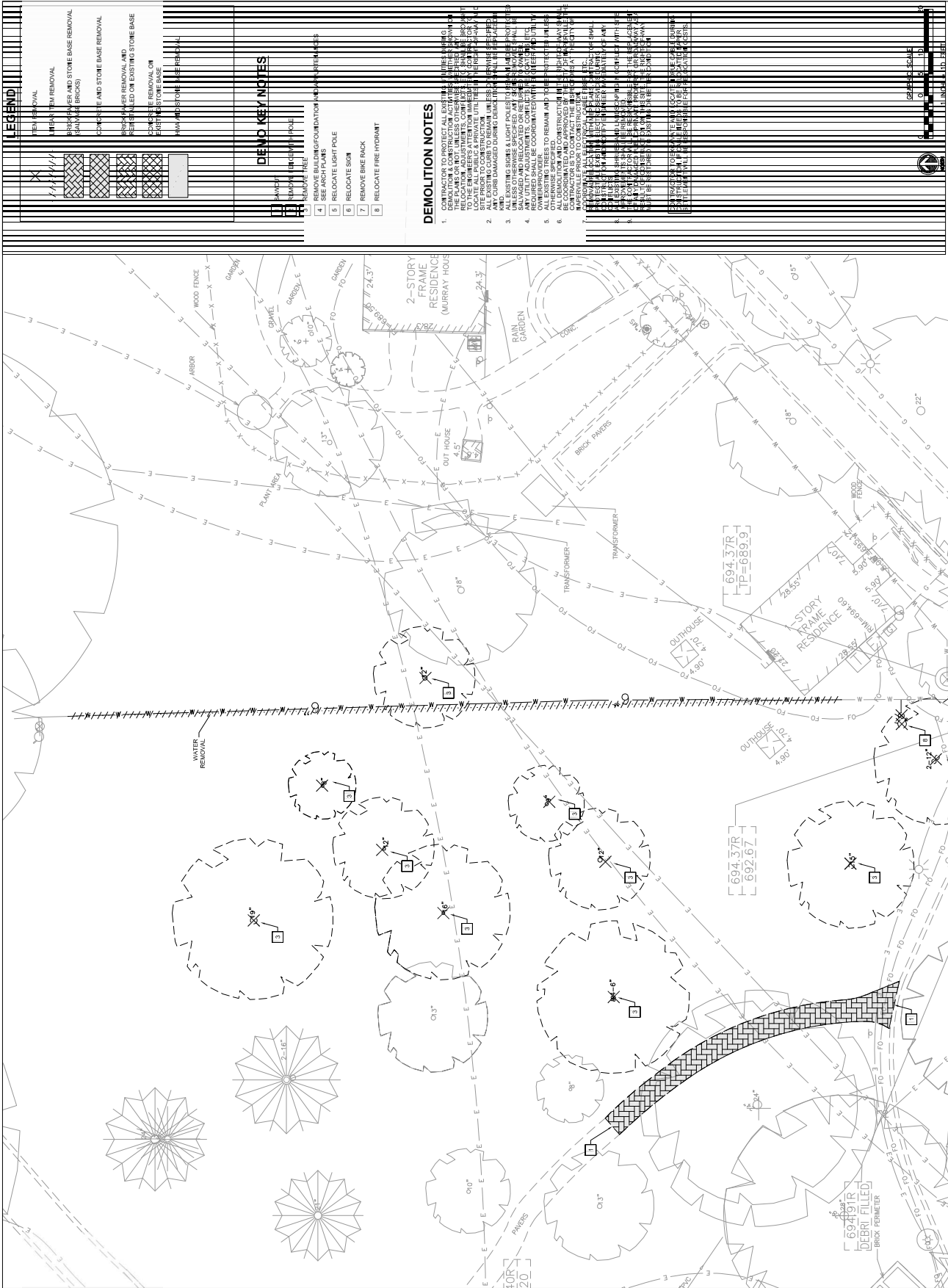
NAPER SETTLEMENT INNOVATION GATEWAY & AG CENTER
 523 S. WEBSTER STREET
 NAPERVILLE, IL 60540

DEMOLITION PLAN INNOVATION GATEWAY

REV	DESCRIPTION	DATE
01	ISSUED FOR RESUBMITTAL	04-23-21
02	ISSUED FOR RESUBMITTAL	12-04-20
03	ISSUED FOR RESUBMITTAL	10-23-20
04	ISSUED FOR PERMIT	09-08-20

Project Engineer: [Signature]
 Design By: [Signature]
 SC
 Sheet

C1.01





LEGEND

- RESIDENTIAL
- BRICK REMOVAL
- BRICK AND STONE BASE REMOVAL
- CONCRETE AND STONE BASE REMOVAL
- BRICK AND STONE BASE REMOVAL
- CONCRETE REMOVAL ON EXISTING STONE BASE
- EXISTING STONE BASE
- HYDROFORM USE REMOVAL

DEMO KEY NOTES

- REMOVE TREE
- SEE EACH PLANT
- RELOCATE LIGHT POLE
- RELOCATE SIGN
- RELOCATE BIKE RACK
- RELOCATE FIRE HYDRANT

DEMOLITION NOTES

- CONTRACTOR TO PROTECT ALL EXISTING UTILITIES (WATER, GAS, SEWER, ETC.) PRIOR TO DEMOLITION. ALL UTILITIES SHALL BE LOCATED AND MARKED PRIOR TO DEMOLITION. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING UTILITIES TO REMAIN AND FOR PROTECTING UTILITIES TO BE DEMOLISHED. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF NAPERVILLE AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT).
- ALL EXISTING CURB DURING DEMOLITION SHALL BE REPAIRED OR REPLACED WITH NEW CURB. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF NAPERVILLE AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT).
- ALL EXISTING TREES AND TREES TO REMAIN SHALL BE PROTECTED AND MAINTAINED THROUGHOUT THE DEMOLITION PROCESS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF NAPERVILLE AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT).
- ALL EXISTING TREES TO BE REMOVED SHALL BE RELOCATED TO THE SITE OR TO ANOTHER LOCATION WITHIN THE CITY OF NAPERVILLE. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF NAPERVILLE AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT).
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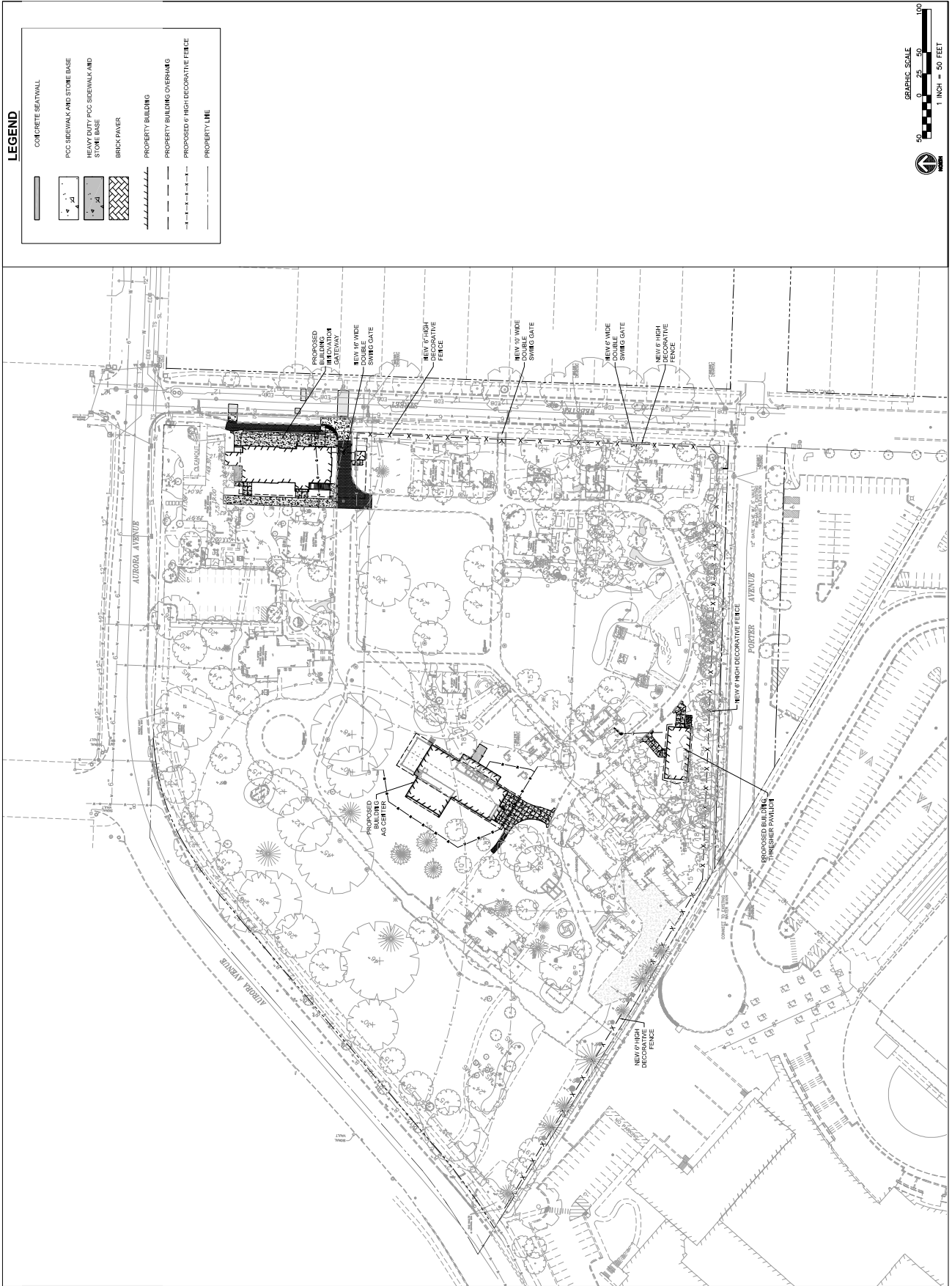
wight
 Wight & Company
 wightco.com
 2000 North Forestry Road
 Downers Grove, IL 60515
 P 630.980.7000
 F 630.980.7979

ISSUED FOR RESUBMITAL	04-23-21	
ISSUED FOR RESUBMITAL	12-04-20	
ISSUED FOR RESUBMITAL	10-23-20	
ISSUED FOR PERMIT	09-08-20	
REV	DESCRIPTION	DATE

**NAPER SETTLEMENT
 INNOVATION
 GATEWAY
 & AG CENTER**
 523 S. WEBSTER STREET
 NAPERVILLE, IL 60540

**DEMOLITION PLAN
 THRESHER PAVILION**

Project Number: 20081
 Project Title: SC
 Sheet: C1.03



LEGEND

	CONCRETE SEATWALL
	PCC SIDEWALK AND STONE BASE
	HEAVY DUTY PCC SIDEWALK AND STONE BASE
	BRICK PAVEMENT
	PROPERTY BUILDING
	PROPOSED 6' HIGH DECORATIVE FENCE
	PROPERTY LINE



wight
 Wight & Company
 wightco.com
 2300 North Forge Road
 Durham, N.C. 27704
 P 610.462.7000
 F 610.462.7979

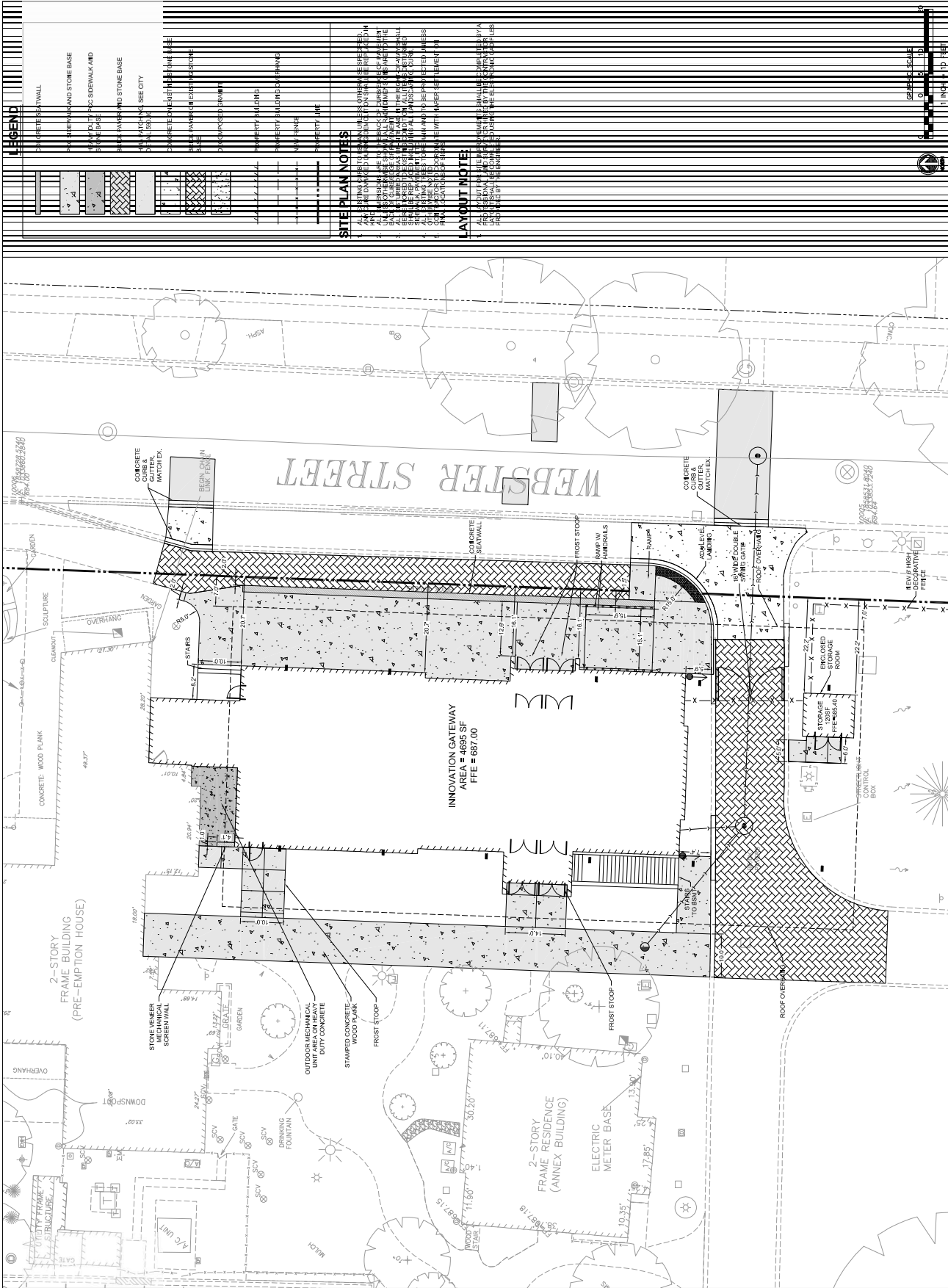
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ISSUED FOR RESUBMITTAL	12-04-20	
ISSUED FOR RESUBMITTAL	10-22-20	
ISSUED FOR PERMIT	09-08-20	
REV	DESCRIPTION	DATE

**NAPER SETTLEMENT
 INNOVATION
 GATEWAY
 & AG CENTER**
 523 S. WEBSTER STREET
 NAPERVILLE, IL 60540

OVERALL SITE PLAN

Project Engineer
 Project Manager
 Designer
 SC
 Sheet

C2.00




Wight & Company
 wightco.com
 2000 North Fortange Road
 Durham, N.C. 27617
 P 610.462.7000
 F 610.462.7979

SITE PLAN - INNOVATION GATEWAY

ISSUED FOR RESUBMITTAL	01-21-21	
ISSUED FOR RESUBMITTAL	12-04-20	
ISSUED FOR RESUBMITTAL	10-22-20	
ISSUED FOR PERMIT	09-08-20	
REV	DESCRIPTION	DATE

NAPER SETTLEMENT INNOVATION GATEWAY & AG CENTER
 523 S. WEBSTER STREET
 NAPERVILLE, IL 60540

SITE PLAN - INNOVATION GATEWAY
 Project Number: 20081
 Project Title: SC
 Sheet: C2.01



wight
Wight & Company
wightco.com
2000 North Forthage Road
Durham, N.C. 27605
P 610.482.7000
F 610.482.7070

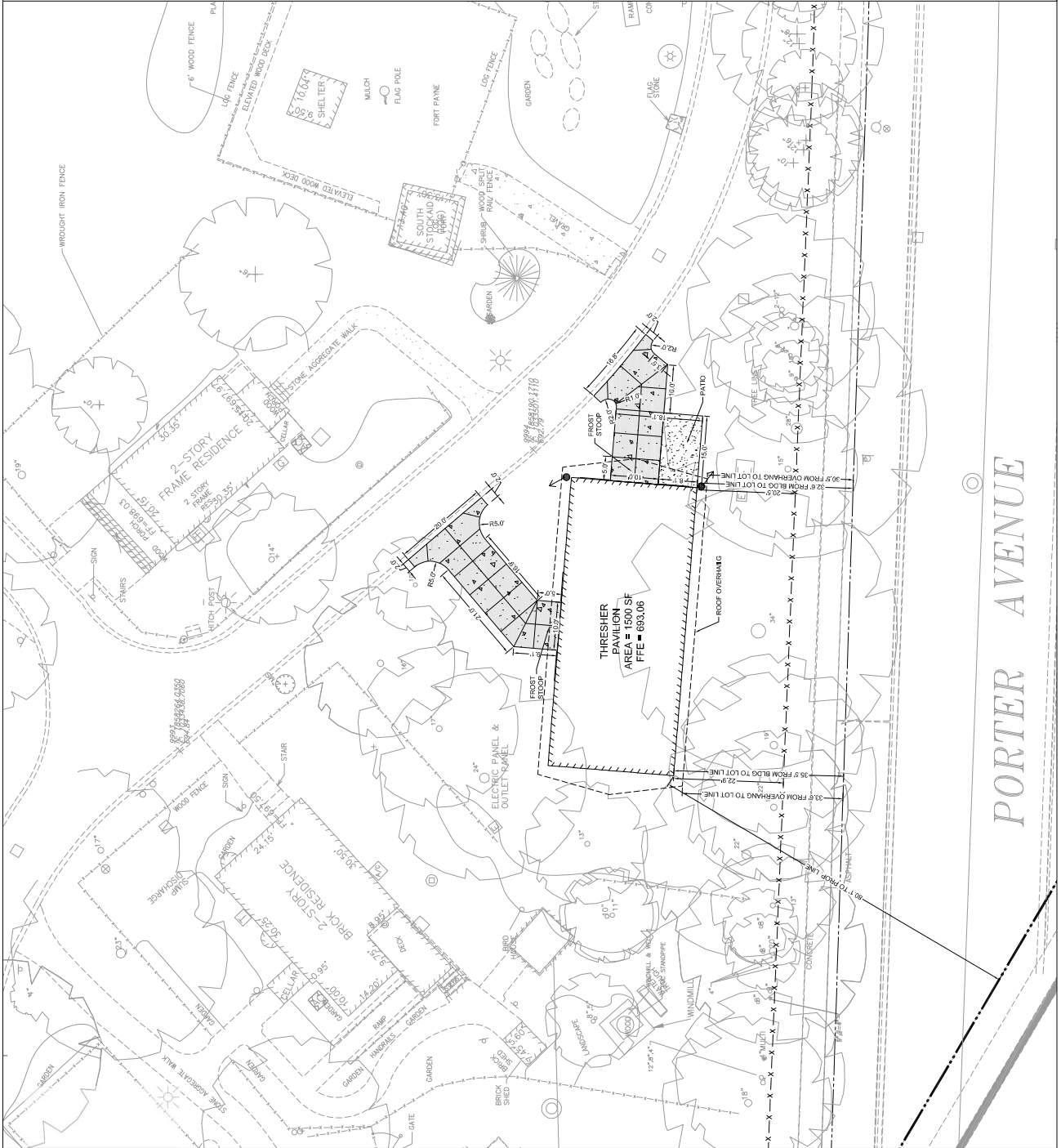
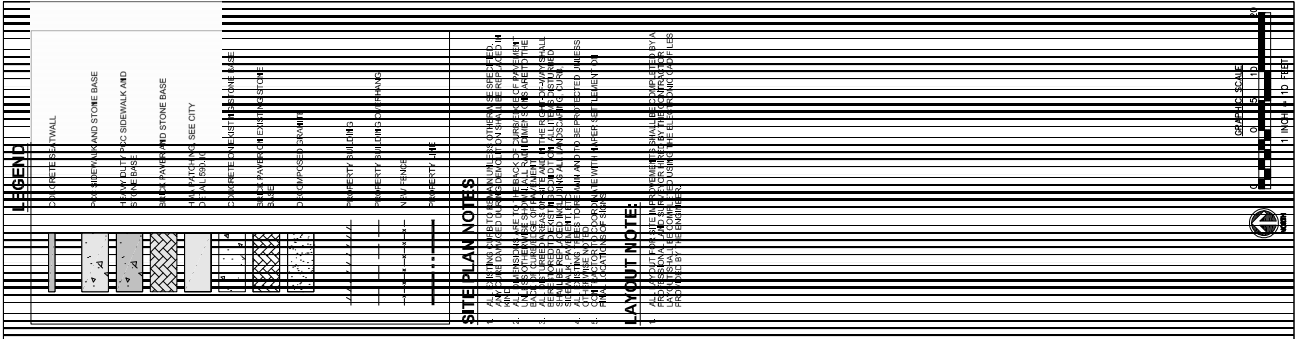
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ISSUED FOR RESUBMITTAL	10-29-20	
ISSUED FOR PERMIT	09-08-20	
REV	DESCRIPTION	DATE

**NAPER SETTLEMENT
INNOVATION
GATEWAY
& AG CENTER**
523 S. WEBSTER STREET
NAPERVILLE, IL 60540

**SITE PLAN
-THRESHER PAVILION**

Project Number: 200081
Project Name: Napier Settlement
Project File: SC
Sheet:

C2.03

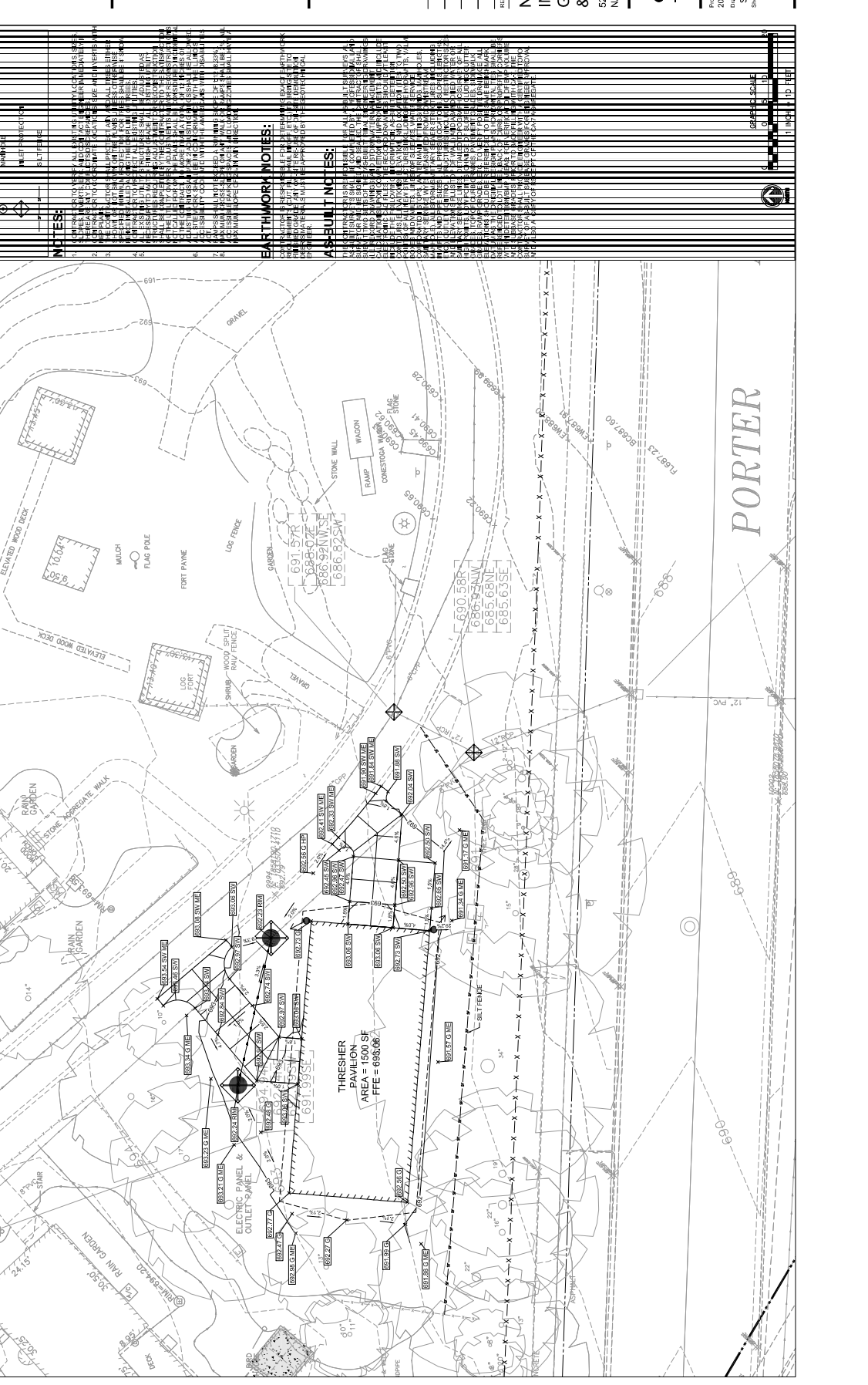
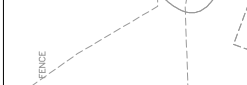


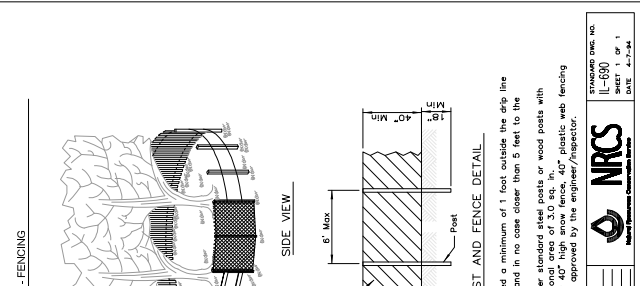
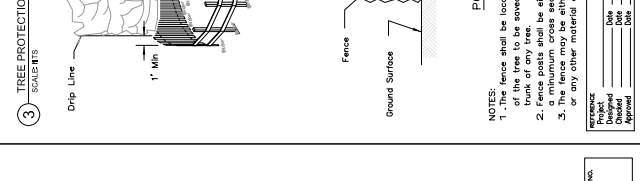
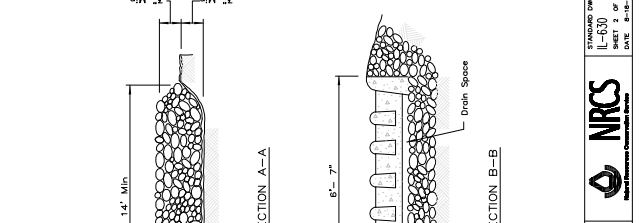
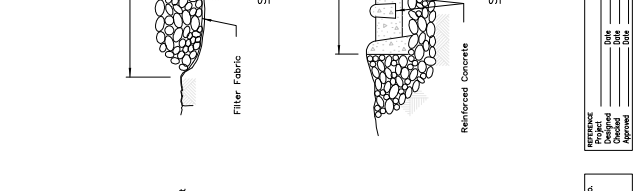
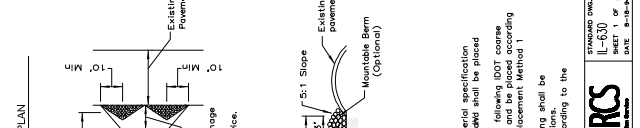
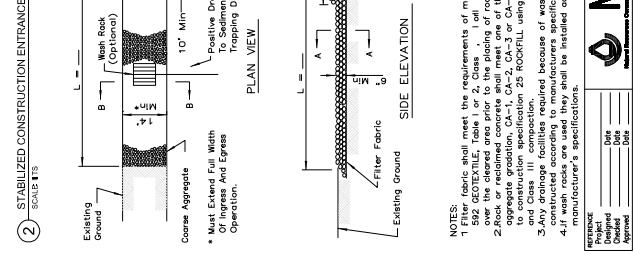
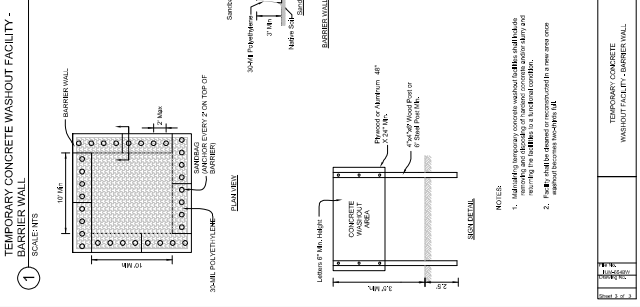
EARTHWORK NOTES:

1. EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) SPECIFICATIONS FOR EARTHWORK (AS APPLICABLE) AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) SPECIFICATIONS FOR ROADWAY CONSTRUCTION (AS APPLICABLE).
 2. ALL EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) SPECIFICATIONS FOR EARTHWORK (AS APPLICABLE) AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) SPECIFICATIONS FOR ROADWAY CONSTRUCTION (AS APPLICABLE).
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 4. ALL EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) SPECIFICATIONS FOR EARTHWORK (AS APPLICABLE) AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) SPECIFICATIONS FOR ROADWAY CONSTRUCTION (AS APPLICABLE).

ASBUILT NOTES:

1. ALL DIMENSIONS SHALL BE AS SHOWN UNLESS OTHERWISE NOTED.
 2. THE CONTRACTOR SHALL MAINTAIN EXISTING UTILITIES AND STRUCTURES UNLESS OTHERWISE NOTED.
 3. ALL DIMENSIONS SHALL BE AS SHOWN UNLESS OTHERWISE NOTED.
 4. THE CONTRACTOR SHALL MAINTAIN EXISTING UTILITIES AND STRUCTURES UNLESS OTHERWISE NOTED.





Wight
 Wight & Company
 wightco.com
 2300 North Foregate Road
 DuPin, IL 60511
 P 630.969.7000
 F 630.969.7979

ISSUED FOR RESUBMITTAL 08-23-21
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 ISSUED FOR RESUBMITTAL 08-24-20
 ISSUED FOR PERMIT 08-28-20

NAPER SETTLEMENT INNOVATION GATEWAY & AG CENTER
 523 S. WEBSTER STREET
 NAPERVILLE, IL 60540

CIVIL DETAILS

Project Engineer: [Signature]
 Design: [Signature]
 Check: [Signature]
 S.C. [Signature]
 Sheet

C3.04

1 TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL

SCALE: NTS

10' Max
3' Max
18' Min

2 STABILIZED CONSTRUCTION ENTRANCE PLAN

SCALE: NTS

10' Min
10' Min
10' Min
10' Min

3 TREE PROTECTION - FENCING

SCALE: NTS

1' Min
8" Max
10' Min
10' Min

4 SILT FENCE

SCALE: NTS

5' Max
18' Min
18' Min

5 DROP INLET PROTECTION FOR STRUCTURES

SCALE: 8" = 1'

6 DOT STANDARD FRAME SELECTION

REFERENCE:

DESIGNED BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

STANDARD SPEC. NO.: IL-550
DATE: 4-27-84

REFERENCE:

DESIGNED BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

STANDARD SPEC. NO.: IL-550
DATE: 4-27-84

TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL

SCALE: NTS

10' Max
3' Max
18' Min

2 STABILIZED CONSTRUCTION ENTRANCE PLAN

SCALE: NTS

10' Min
10' Min
10' Min
10' Min

3 TREE PROTECTION - FENCING

SCALE: NTS

1' Min
8" Max
10' Min
10' Min

4 SILT FENCE

SCALE: NTS

5' Max
18' Min
18' Min

5 DROP INLET PROTECTION FOR STRUCTURES

SCALE: 8" = 1'

6 DOT STANDARD FRAME SELECTION

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 APPROVED BY: [Signature]

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TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL

SCALE: NTS

10' Max
3' Max
18' Min

2 STABILIZED CONSTRUCTION ENTRANCE PLAN

SCALE: NTS

10' Min
10' Min
10' Min
10' Min

3 TREE PROTECTION - FENCING

SCALE: NTS

1' Min
8" Max
10' Min
10' Min

4 SILT FENCE

SCALE: NTS

5' Max
18' Min
18' Min

5 DROP INLET PROTECTION FOR STRUCTURES

SCALE: 8" = 1'

6 DOT STANDARD FRAME SELECTION

REFERENCE:

DESIGNED BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

STANDARD SPEC. NO.: IL-550
DATE: 4-27-84

REFERENCE:

DESIGNED BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

STANDARD SPEC. NO.: IL-550
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TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL

SCALE: NTS

10' Max
3' Max
18' Min

2 STABILIZED CONSTRUCTION ENTRANCE PLAN

SCALE: NTS

10' Min
10' Min
10' Min
10' Min

3 TREE PROTECTION - FENCING

SCALE: NTS

1' Min
8" Max
10' Min
10' Min

4 SILT FENCE

SCALE: NTS

5' Max
18' Min
18' Min

5 DROP INLET PROTECTION FOR STRUCTURES

SCALE: 8" = 1'

6 DOT STANDARD FRAME SELECTION

REFERENCE:

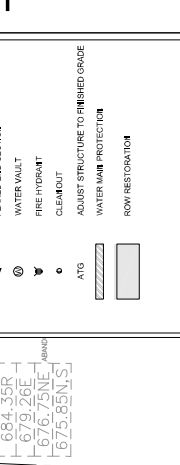
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STANDARD SPEC. NO.: IL-550
DATE: 4-27-84

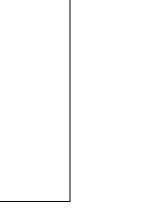
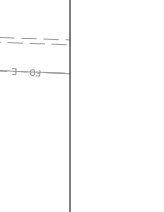
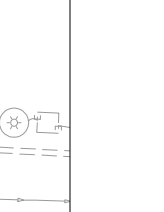
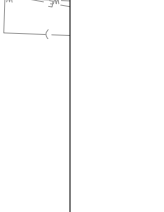
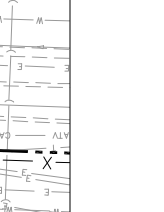
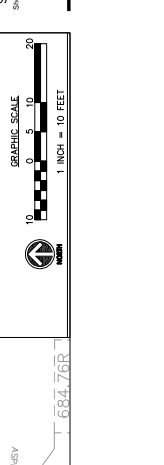
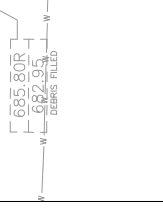
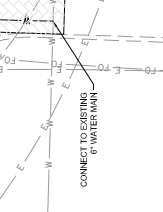
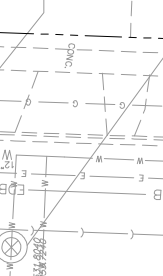
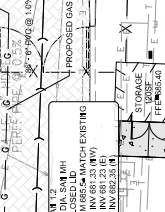
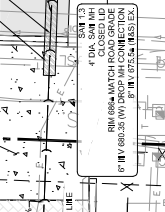
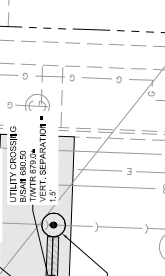
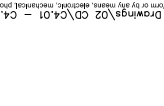
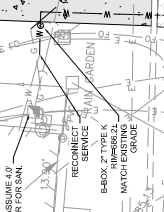
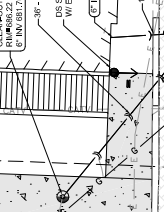
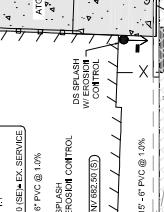
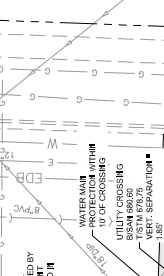
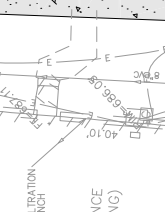
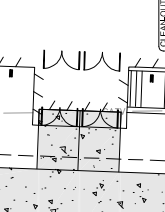
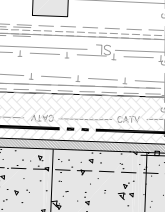
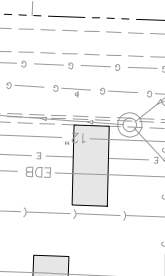
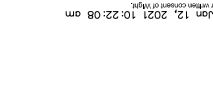
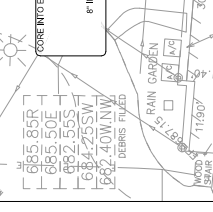
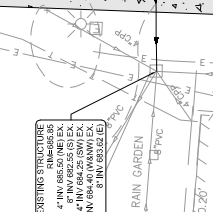
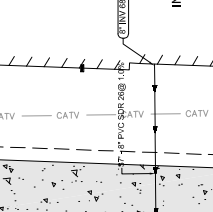
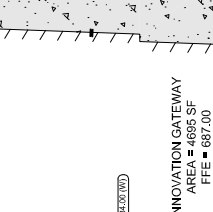
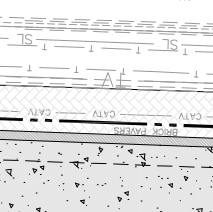
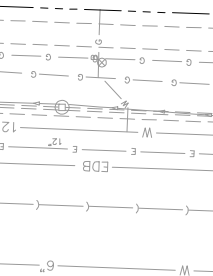
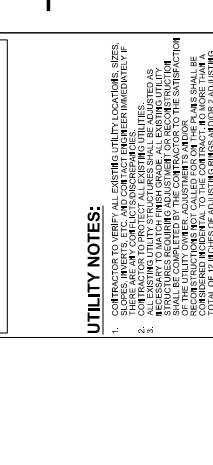
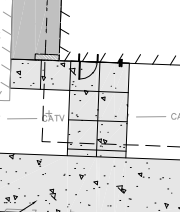
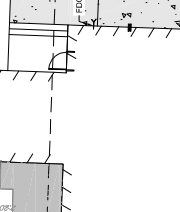


UTILITY NOTES:

- CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS, SIZES, SLOPES, INVERTS, ETC. AND CORRECT AS SHOWN IMMEDIATELY IF DISCREPANCIES ARE FOUND.
- CONTRACTOR TO PROTECT ALL EXISTING UTILITIES.
- CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS AND SIZES ARE NEARLY IDENTICAL TO THE RECORD DRAWINGS. ALL EXISTING UTILITIES SHALL BE COMPLETED BY THE CONTRACTOR TO THE INTERSECTION OF THE PROPOSED UTILITY LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
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AS-BUILT NOTES:

THE CONTRACTOR IS RESPONSIBLE FOR ALL AS-BUILT SURVEYS, ALL SURVEYS TO BE DONE AND SEALED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES. ALL RECORD DRAWINGS AND STORMWATER MANAGEMENT PLAN SHALL BE PROVIDED TO THE CITY OF NAPERVILLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.



LEGEND

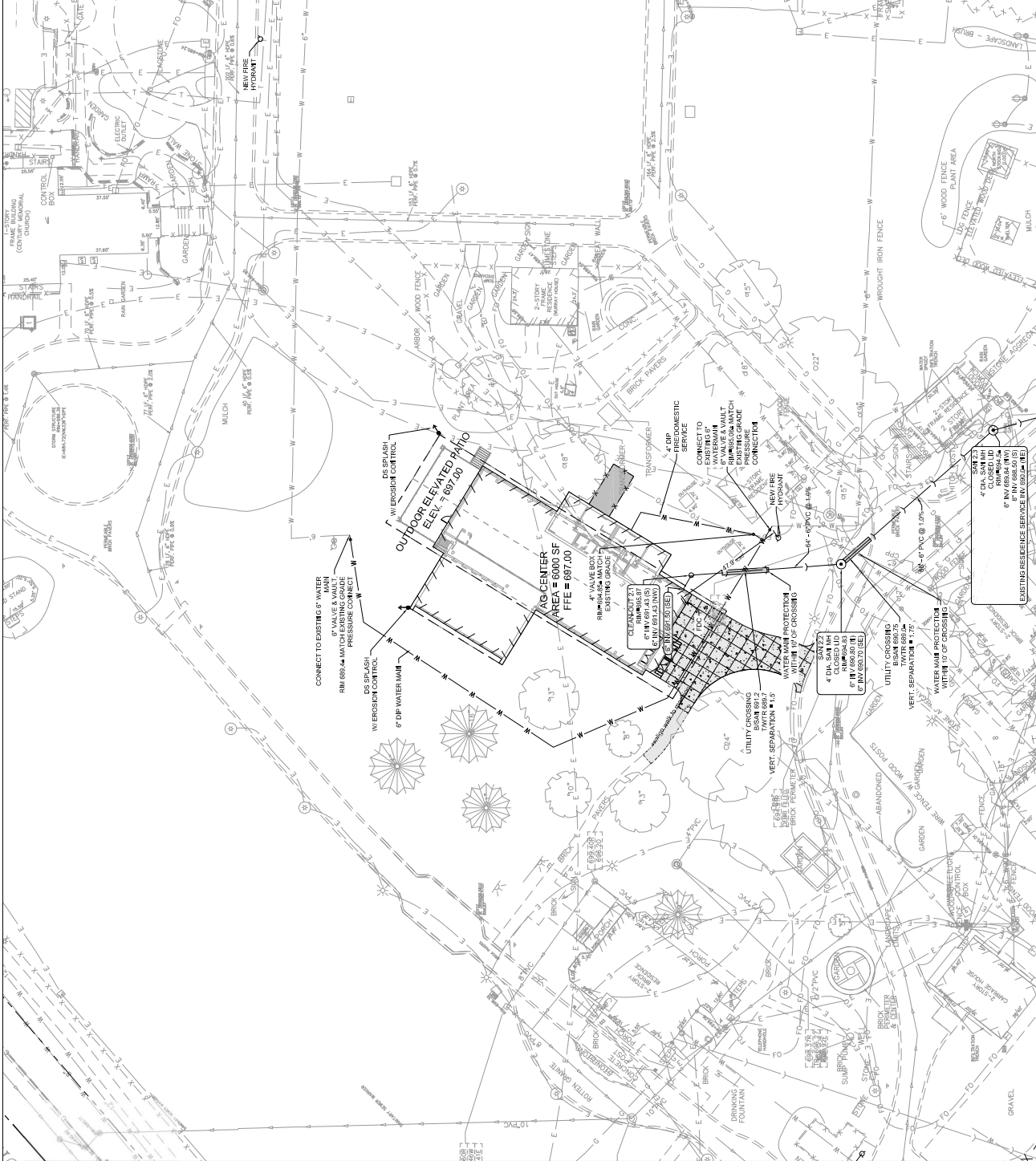
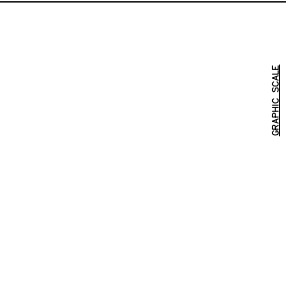
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S	STORM SEWER
U	SANITARY SEWER
E	ELECTRIC
G	GAS
C	CATCH BASIN
M	MANHOLE
F	FLARED END SECTION
V	WATER VAULT
H	FIRE HYDRANT
C	CLEARCUT
ATG	ADJUST STRUCTURE TO FINISHED GRADE
[Symbol]	WATER MAIN PROTECTION
[Symbol]	ROW RESTORATION

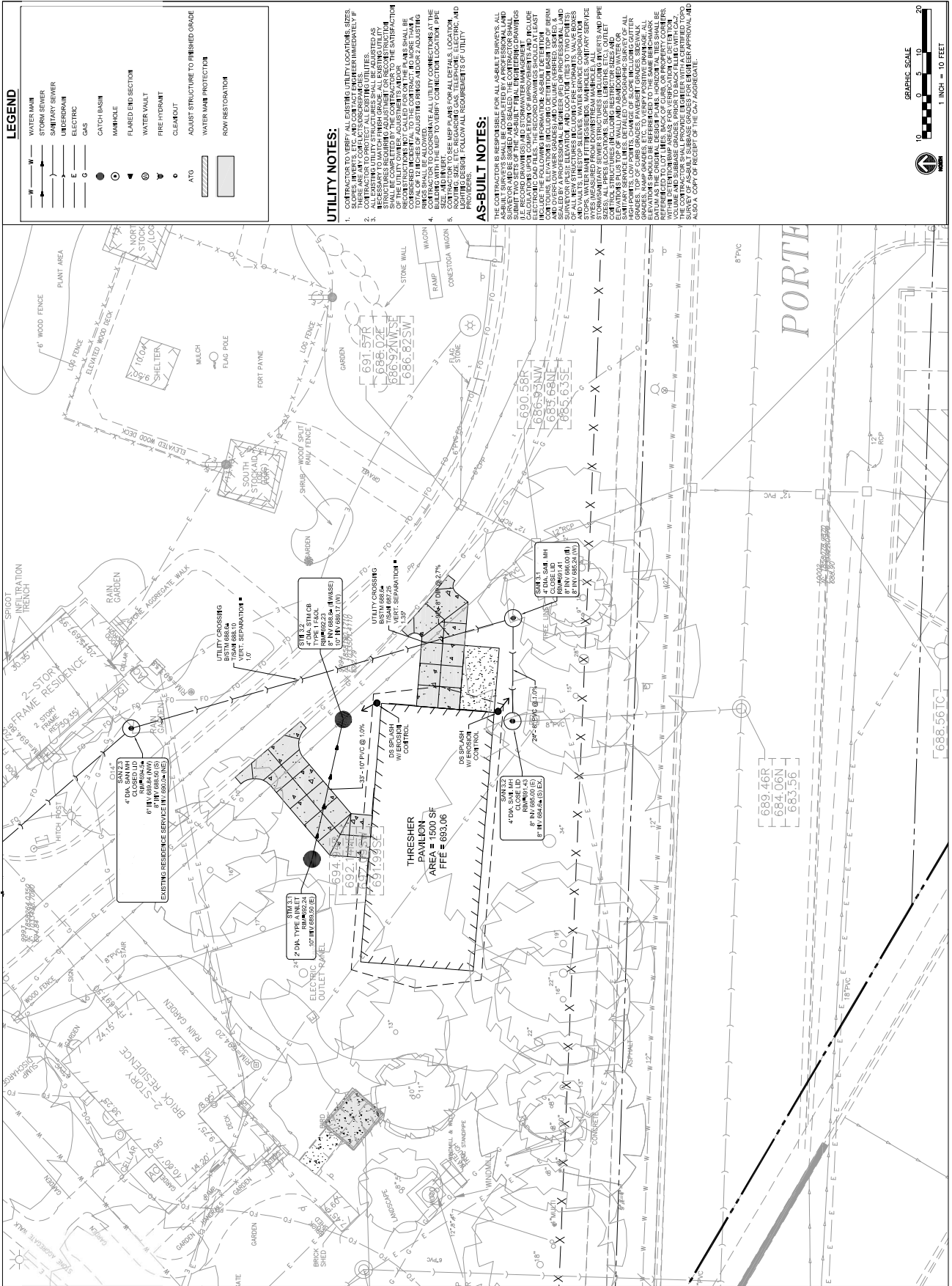
UTILITY NOTES:

- CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS, SIZES, SLOPES, INVERTS, ETC. AND CORRECT ANY ERRORS IMMEDIATELY. FURNISH ALL NECESSARY PERMITS AND RECORDS TO THE CONTRACTOR.
- CONTRACTOR TO PROTECT ALL EXISTING UTILITIES. NECESSARY TO MATCH FINISH GRADE TO ALL EXISTING UTILITIES. ALL UTILITIES SHALL BE COMPLETED BY THE CONTRACTOR TO THE INTERSECTION OF THE EXISTING UTILITY AND THE NEW UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
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AS-BUILT NOTES:

THE CONTRACTOR IS RESPONSIBLE FOR ALL AS-BUILT SURVEYS, ALL SURVEYS TO BE SHOWN AND SEALED. THE CONTRACTOR SHALL FURNISH ALL NECESSARY PERMITS AND RECORDS TO THE CONTRACTOR. ALL RECORDS SHALL BE FILED IN THE PROJECT RECORDS AND SUBMITTED TO THE CITY OF NAPERVILLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES. ALL UTILITIES SHALL BE COMPLETED BY THE CONTRACTOR TO THE INTERSECTION OF THE EXISTING UTILITY AND THE NEW UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.





LEGEND

- WATER MAIN
- STORM SEWER
- SANITARY SEWER
- UNDERDRAIN
- ELECTRIC
- GAS
- CATCH BASIN
- MANHOLE
- FLARED END SECTION
- WATER VAULT
- FIRE HYDRANT
- CLEAROUT
- ATG
- ADJUST STRUCTURE TO FINISHED GRADE
- WATER MAIN PROTECTION
- ROW RESTORATION

UTILITY NOTES:

- CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS, SIZES, SLOPES, INVERTS, ETC. AND CONFORM TO ALL APPLICABLE REGULATIONS.
- CONTRACTOR TO PROTECT ALL EXISTING UTILITIES.
- CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS AND SIZES AS NECESSARY TO MATCH FINISH GRADE. ALL EXISTING UTILITY LOCATIONS SHALL BE COMPLETED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY ENGINEER.
- CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS AND SIZES AS NOTED ON THE MAP TO BE ADJUSTING PER AS-BUILT RECORDS AND ADJUSTING PER AS-BUILT RECORDS.
- CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS AT THE TIME OF CONSTRUCTION TO SEE IF ANY PLANS FOR ALL DETAILS, LOCATION, AND LIGHTING DESIGN. FOLLOW ALL REQUIREMENTS OF UTILITY PROVIDERS.

AS-BUILT NOTES:

THE CONTRACTOR IS RESPONSIBLE FOR ALL AS-BUILT SURVEYS. ALL SURVEYS SHALL BE DATED, SIGNED, AND SEALED. THE CONTRACTOR SHALL PROVIDE ALL AS-BUILT RECORDS TO THE CITY ENGINEER. ALL RECORDS SHALL BE ELECTRONIC CAD FILES. THE RECORD DRAWINGS SHALL AT LEAST INCLUDE THE FOLLOWING INFORMATION: AS-BUILT LOCATION, SIZES, AND OVERLAP INFORMATION AND VOLUME VERIFIED, SIGNED, & DATED BY THE CONTRACTOR. ALL RECORDS SHALL BE PROVIDED TO THE CITY ENGINEER AND LOCALITIES TO TWO (2) DIMENSIONS. ALL RECORDS SHALL BE PROVIDED TO THE CITY ENGINEER AND LOCALITIES TO TWO (2) DIMENSIONS. ALL RECORDS SHALL BE PROVIDED TO THE CITY ENGINEER AND LOCALITIES TO TWO (2) DIMENSIONS. ALL RECORDS SHALL BE PROVIDED TO THE CITY ENGINEER AND LOCALITIES TO TWO (2) DIMENSIONS.

NAPER SETTLEMENT
 INNOVATION GATEWAY & AG CENTER
 523 S. WEBSTER STREET
 NAPERVILLE, IL 60540

wight
 Wight & Company
 wightco.com
 2000 North Forge Road
 Downers Grove, IL 60515
 P 630.989.7000
 F 630.989.7979

ISSUED FOR RESUBMITTAL 04-21-21
 ISSUED FOR RESUBMITTAL 12-24-20
 ISSUED FOR RESUBMITTAL 10-22-20
 ISSUED FOR PERMIT 09-08-20
 REV DESCRIPTION DATE

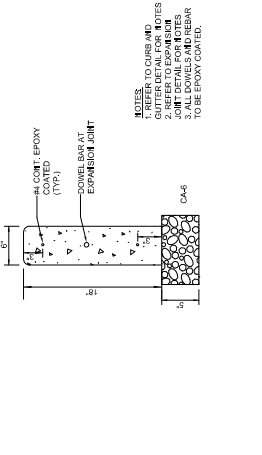
NAPER SETTLEMENT
INNOVATION GATEWAY & AG CENTER
UTILITY PLAN - THRASHER PAVILION

Project Engineer: [Name]
 Project Title: [Title]
 Scale: [Scale]
 Sheet: [Number]

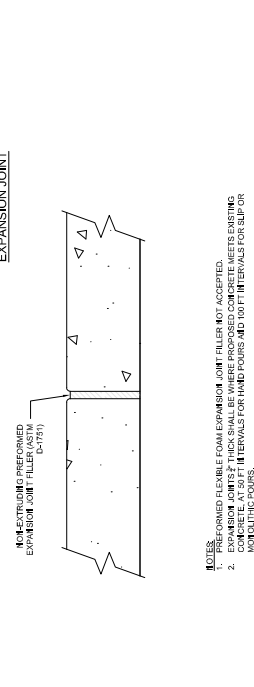
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1" = 10 FEET
 GRAPHIC SCALE

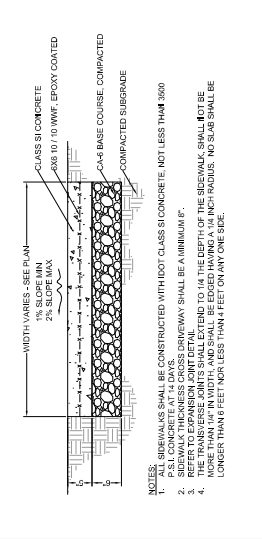
1 PCC SIDEWALK
 SCALE: 1"=1'-0"



2 HEAVY DUTY CONCRETE PAVEMENT
 SCALE: 1"=1'-0"



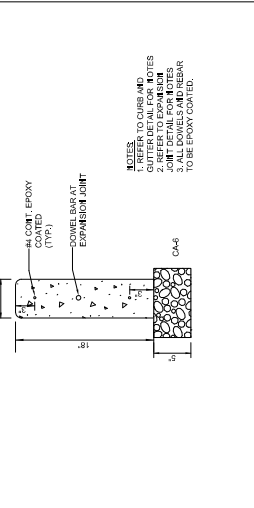
3 JOINT DETAILS
 SCALE: 1"=1'-0"



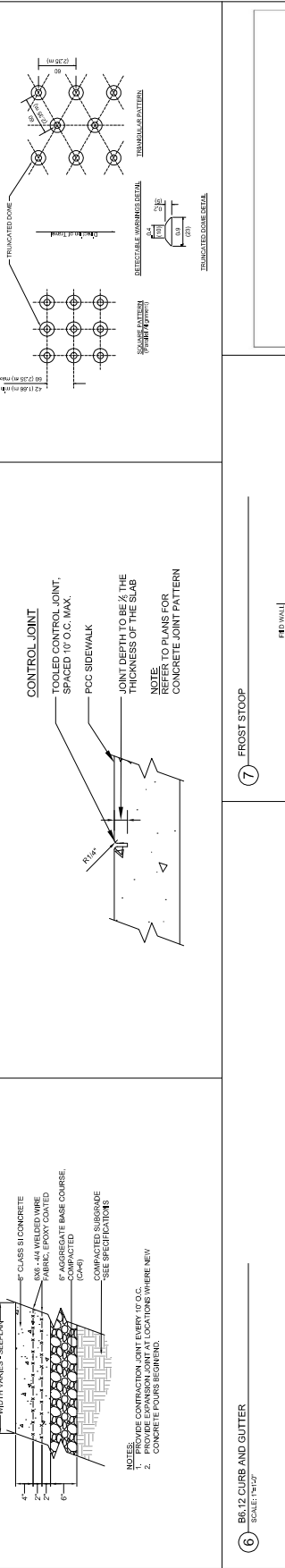
4 FLUSH CONCRETE CONTAINMENT CURB
 SCALE: 1"=1'-0"



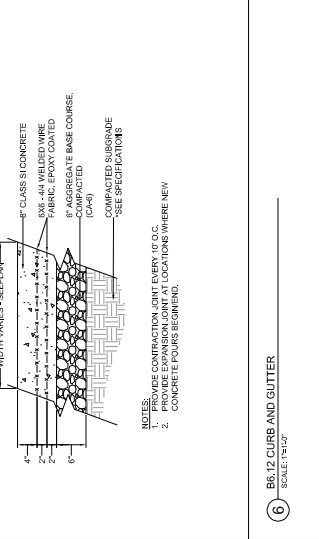
5 DETECTABLE WARNING
 SCALE: 1"=1'-0"



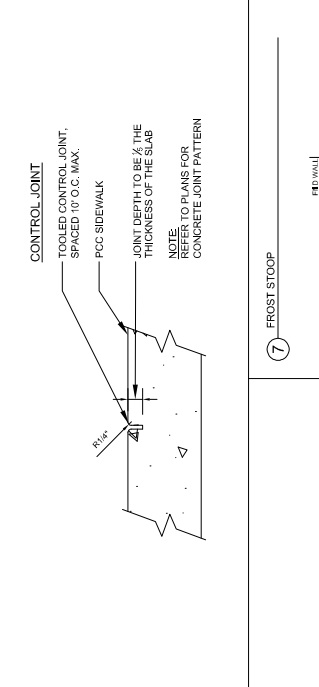
6 BE, L2 CURB AND GUTTER
 SCALE: 1"=1'-0"



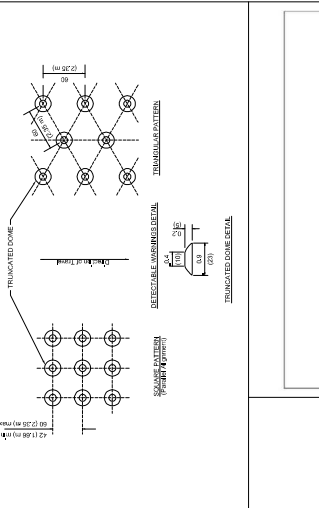
7 FROST STOOP
 SCALE: 1"=1'-0"



8 DECOMPOSED GRANITE
 SCALE: 1"=1'-0"



9 BRICK PAVER SECTION
 SCALE: 1"=1'-0"



NOTES:
 1. ALL CURB AND GUTTERS SHALL BE CONSTRUCTED WITH 4000 PSI CLASS II CONCRETE. NOT LESS THAN 3600 PSI CLASS II CONCRETE AT 14 DAYS.
 2. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE CURB AND GUTTER.
 3. ALL CURB AND GUTTERS SHALL BE CONSTRUCTED TO THE DEPTH OF THE SIDEWALK. SHALL NOT BE LONGER THAN SIX FEET UNLESS THIN ON ONE SIDE.
 4. ALL CURB AND GUTTERS SHALL BE DOVELED INTO EXISTING CURBS AND GUTTERS THAT HAS BEEN SAWCUT AND REMOVED.
 5. ALL DOWELS AND REBAR TO BE EPOXY COATED.

EXPANSION JOINT
 NON-EXTENDING REFORMED EXPANSION JOINT FILLER (EJ-751)
 NOTES:
 1. EXPANSION JOINT FILLER NOT ACCEPTED.
 2. EXPANSION JOINTS 2" THICK SHALL BE WHERE PROPOSED CONCRETE MEETS EXISTING CONCRETE AT 50 FT INTERVALS FOR HAND POURED AND 100 FT INTERVALS FOR SUP OR STRUCTURES AND AT END OF PAVES.
 3. EXPANSION JOINTS 2" THICK SHALL BE AT EVERY P.C. A.P.T. OF CURVATURE. 5 FT EACH SIDE OF STRUCTURES.
 4. EXPANSION JOINTS AND REBAR SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL SIDEWALKS.
 5. AND WHERE THE SIDEWALK ADJACENT TO EXISTING SIDEWALKS.

CONTROL JOINT
 TOOLED CONTROL JOINT,
 SPACED 10' O.C. MAX.
 PCC SIDEWALK
 JOINT DEPTH TO BE 1/4" THE THICKNESS OF THE SLAB
 NOTE:
 REFER TO PLANS FOR CONCRETE JOINT PATTERN

NOTES TO CURB AND GUTTER DETAIL FOR NOTES:
 1. ALL CURB AND GUTTERS SHALL BE CONSTRUCTED WITH 4000 PSI CLASS II CONCRETE. NOT LESS THAN 3600 PSI CLASS II CONCRETE AT 14 DAYS.
 2. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE CURB AND GUTTER.
 3. ALL CURB AND GUTTERS SHALL BE CONSTRUCTED TO THE DEPTH OF THE SIDEWALK. SHALL NOT BE LONGER THAN SIX FEET UNLESS THIN ON ONE SIDE.
 4. ALL CURB AND GUTTERS SHALL BE DOVELED INTO EXISTING CURBS AND GUTTERS THAT HAS BEEN SAWCUT AND REMOVED.
 5. ALL DOWELS AND REBAR TO BE EPOXY COATED.

DEPRESSURE CURB AND GUTTER
 BACK OF CURB
 DOWEL BARS AT EXPANSION JOINTS
 AGGREGATE BASE
 SURFACE COURSE
 COMPACTED AGGREGATE BASE COURSE
 COMPACTED SUBGRADE

NOTES:
 1. ALL CURB AND GUTTERS SHALL BE CONSTRUCTED WITH 4000 PSI CLASS II CONCRETE.
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DECOMPOSED GRANITE
 SURFACE COURSE
 COMPACTED AGGREGATE BASE COURSE
 COMPACTED SUBGRADE

BRICK PAVER SECTION
 BRICKS ON SAND
 SETTING BED
 GEOTEXTILE
 6" CLASS II AGGREGATE

CONCRETE CONTAINMENT CURB
 FLUSH CONCRETE CONTAINMENT CURB
 DETECTABLE WARNING
 TRUNCATED DOME
 SQUARE PATTERN
 FRICTIONAL SURFACE

FROST STOOP
 4" CONCRETE CURB
 8" AGGREGATE BASE
 FOUNDATION FILL
 4" CONCRETE CURB
 8" AGGREGATE BASE
 FOUNDATION FILL

FLUSH CONCRETE CONTAINMENT CURB
 4" CONCRETE CURB
 8" AGGREGATE BASE
 FOUNDATION FILL
 4" CONCRETE CURB
 8" AGGREGATE BASE
 FOUNDATION FILL

DETECTABLE WARNING
 TRUNCATED DOME
 SQUARE PATTERN
 FRICTIONAL SURFACE
 DETECTABLE WARNING
 TRUNCATED DOME
 SQUARE PATTERN
 FRICTIONAL SURFACE

EXPANSION JOINT
 NON-EXTENDING REFORMED EXPANSION JOINT FILLER (EJ-751)

DEPRESSURE CURB AND GUTTER
 BACK OF CURB
 DOWEL BARS AT EXPANSION JOINTS
 AGGREGATE BASE
 SURFACE COURSE
 COMPACTED AGGREGATE BASE COURSE
 COMPACTED SUBGRADE

CONCRETE CONTAINMENT CURB
 FLUSH CONCRETE CONTAINMENT CURB
 DETECTABLE WARNING
 TRUNCATED DOME
 SQUARE PATTERN
 FRICTIONAL SURFACE

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DECOMPOSED GRANITE
 SURFACE COURSE
 COMPACTED AGGREGATE BASE COURSE
 COMPACTED SUBGRADE

BRICK PAVER SECTION
 BRICKS ON SAND
 SETTING BED
 GEOTEXTILE
 6" CLASS II AGGREGATE

CONCRETE CONTAINMENT CURB
 FLUSH CONCRETE CONTAINMENT CURB
 DETECTABLE WARNING
 TRUNCATED DOME
 SQUARE PATTERN
 FRICTIONAL SURFACE

FROST STOOP
 4" CONCRETE CURB
 8" AGGREGATE BASE
 FOUNDATION FILL
 4" CONCRETE CURB
 8" AGGREGATE BASE
 FOUNDATION FILL

FLUSH CONCRETE CONTAINMENT CURB
 4" CONCRETE CURB
 8" AGGREGATE BASE
 FOUNDATION FILL
 4" CONCRETE CURB
 8" AGGREGATE BASE
 FOUNDATION FILL

DETECTABLE WARNING
 TRUNCATED DOME
 SQUARE PATTERN
 FRICTIONAL SURFACE
 DETECTABLE WARNING
 TRUNCATED DOME
 SQUARE PATTERN
 FRICTIONAL SURFACE

EXPANSION JOINT
 NON-EXTENDING REFORMED EXPANSION JOINT FILLER (EJ-751)

DEPRESSURE CURB AND GUTTER
 BACK OF CURB
 DOWEL BARS AT EXPANSION JOINTS
 AGGREGATE BASE
 SURFACE COURSE
 COMPACTED AGGREGATE BASE COURSE
 COMPACTED SUBGRADE

CONCRETE CONTAINMENT CURB
 FLUSH CONCRETE CONTAINMENT CURB
 DETECTABLE WARNING
 TRUNCATED DOME
 SQUARE PATTERN
 FRICTIONAL SURFACE

ISSUED FOR RESUBMITTAL 08-23-21
 ISSUED FOR RESUBMITTAL 12-24-20
 ISSUED FOR RESUBMITTAL 10-29-20
 ISSUED FOR PERMIT 08-08-20
 DATE
 REV DESCRIPTION

**NAPER SETTLEMENT
 INNOVATION
 GATEWAY
 & AG CENTER**
 523 S. WEBSTER STREET
 NAPERVILLE, IL 60540

CIVIL DETAILS
 PROJECT NO. 1500000
 SHEET 1 OF 1
590.10
 STANDARD
 DETAIL
 TYPICAL PAVEMENT DETAILS
 REVISIONS: 02/02/21

590.32
STANDARD DETAIL
 CURB RAMP

NOTES:
 1. AGGREGATE SUBGRADE SHALL BE MECHANICALLY COMPACTED.
 2. SEWERALK THICKNESS AT CURB RAMP SHALL BE A MINIMUM OF 4" PCC.
 3. SEWERALK CONSTRUCTION SHALL FOLLOW APPLICABLE DOT STANDARDS.
 4. SEWERALKS SHALL FOLLOW CURRENT ADA GUIDELINES.

APPLICABLE DOT STANDARD DETAILS (USE LATEST REVISION):
 420001000
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 420100000

590.30
STANDARD DETAIL
 SEWERALK

NOTES:
 1. CONCRETE SHALL BE DOT CLASS 10.
 2. MINIMUM SEWERALK THICKNESS SHALL BE 4".
 3. SEWERALK SHALL BE MECHANICALLY COMPACTED.
 4. SEWERALK THICKNESS AT CURB RAMP SHALL BE A MINIMUM OF 4" PCC.
 5. SEWERALK CONSTRUCTION SHALL FOLLOW APPLICABLE DOT STANDARDS.
 6. SEWERALKS SHALL FOLLOW CURRENT ADA GUIDELINES.

590.13
STANDARD DETAIL
 UTILITY TRENCH PAVERS SECTION (RISE PAVERMENTS)

NOTES:
 1. THE TRENCH SHALL BE BACKFILL WITH AGGREGATE (3/4" AND COMPACTED TO 95% OF THE STANDARD PROCTOR DENSITY). TRENCH SLOPE OR EXCAVATED MATERIAL SHALL BE PROTECTED BY A TRENCH SHIELD OR OTHER PROTECTIVE MEASURES AS APPROVED BY THE CITY ENGINEER.
 2. PRIOR TO PLACING OF PCC CONCRETE, THE EXPOSED EDGES OF ALL EXISTING PAVEMENT SHALL BE SAW CUT TO PROVIDE A SMOOTH, CLEAN EDGE. FREE OF LOOSE MATERIAL.
 3. EXCAVATIONS SHALL BE PROTECTED BY SHIELDING WITH FLASHING EDGES. A 4" STEEL PLATE SHALL BE PROVIDED AND MOUNTED BY THE CONTRACTOR AT LOCATIONS INDICATED BY THE CITY ENGINEER. THE PLATE SHALL BE PROTECTED FROM BEING AND REMOVED BY THE CONTRACTOR.
 4. STANDARD SPECIFICATIONS FOR ROAD AND RESURF CONSTRUCTION.

590.12
STANDARD DETAIL
 UTILITY TRENCH PAVERS SECTION (RISE PAVERMENTS)

NOTES:
 1. THE TRENCH SHALL BE BACKFILL WITH AGGREGATE (3/4" AND COMPACTED TO 95% OF THE STANDARD PROCTOR DENSITY). TRENCH SLOPE OR EXCAVATED MATERIAL SHALL BE PROTECTED BY A TRENCH SHIELD OR OTHER PROTECTIVE MEASURES AS APPROVED BY THE CITY ENGINEER.
 2. PRIOR TO PLACING OF PCC CONCRETE, THE EXPOSED EDGES OF ALL EXISTING PAVEMENT SHALL BE SAW CUT TO PROVIDE A SMOOTH, CLEAN EDGE. FREE OF LOOSE MATERIAL.
 3. EXCAVATIONS SHALL BE PROTECTED BY SHIELDING WITH FLASHING EDGES. A 4" STEEL PLATE SHALL BE PROVIDED AND MOUNTED BY THE CONTRACTOR AT LOCATIONS INDICATED BY THE CITY ENGINEER. THE PLATE SHALL BE PROTECTED FROM BEING AND REMOVED BY THE CONTRACTOR.
 4. STANDARD SPECIFICATIONS FOR ROAD AND RESURF CONSTRUCTION.

590.24
STANDARD DETAIL
 CURB REPLACEMENT

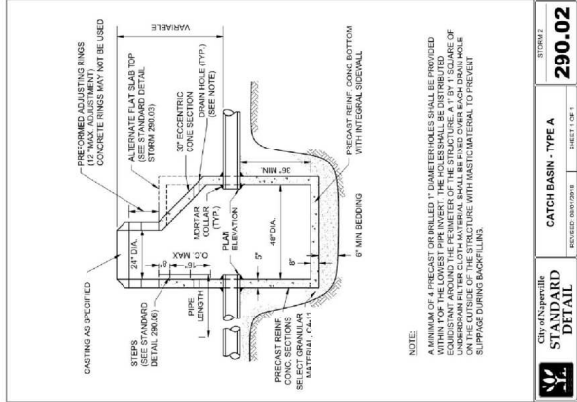
NOTES:
 1. THE COMPLETE REPAIR OF PAVEMENTS ADJACENT TO THE REPLACEMENT CONCRETE CURB AND CUTTER IS INCLUDED IN THE COST OF THE NEW CURB AND CUTTER.
 2. CLASS 3 CONCRETE SHALL BE POURED SEPARATELY FROM THE CURB ONCE THE FORM BARS HAVE BEEN REMOVED.

590.24
STANDARD DETAIL
 CURB REPLACEMENT

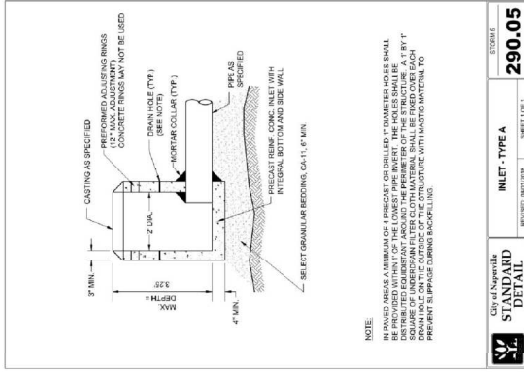
NOTES:
 1. THE COMPLETE REPAIR OF PAVEMENTS ADJACENT TO THE REPLACEMENT CONCRETE CURB AND CUTTER IS INCLUDED IN THE COST OF THE NEW CURB AND CUTTER.
 2. CLASS 3 CONCRETE SHALL BE POURED SEPARATELY FROM THE CURB ONCE THE FORM BARS HAVE BEEN REMOVED.

PERPENDICULAR CURB RAMPS FOR SIDEWALKS
 STANDARD 63401-11

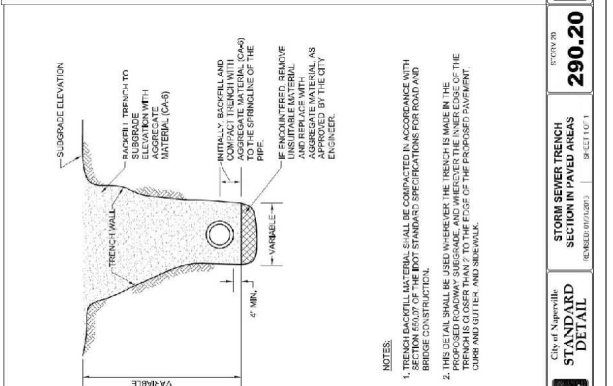
GENERAL NOTES:
 1. All curb ramps shall be constructed in accordance with the current edition of the Americans with Disabilities Act (ADA) and the current edition of the International Building Code (IBC).
 2. All curb ramps shall be constructed in accordance with the current edition of the Americans with Disabilities Act (ADA) and the current edition of the International Building Code (IBC).
 3. All curb ramps shall be constructed in accordance with the current edition of the Americans with Disabilities Act (ADA) and the current edition of the International Building Code (IBC).
 4. All curb ramps shall be constructed in accordance with the current edition of the Americans with Disabilities Act (ADA) and the current edition of the International Building Code (IBC).
 5. All curb ramps shall be constructed in accordance with the current edition of the Americans with Disabilities Act (ADA) and the current edition of the International Building Code (IBC).
 6. All curb ramps shall be constructed in accordance with the current edition of the Americans with Disabilities Act (ADA) and the current edition of the International Building Code (IBC).
 7. All curb ramps shall be constructed in accordance with the current edition of the Americans with Disabilities Act (ADA) and the current edition of the International Building Code (IBC).
 8. All curb ramps shall be constructed in accordance with the current edition of the Americans with Disabilities Act (ADA) and the current edition of the International Building Code (IBC).
 9. All curb ramps shall be constructed in accordance with the current edition of the Americans with Disabilities Act (ADA) and the current edition of the International Building Code (IBC).
 10. All curb ramps shall be constructed in accordance with the current edition of the Americans with Disabilities Act (ADA) and the current edition of the International Building Code (IBC).



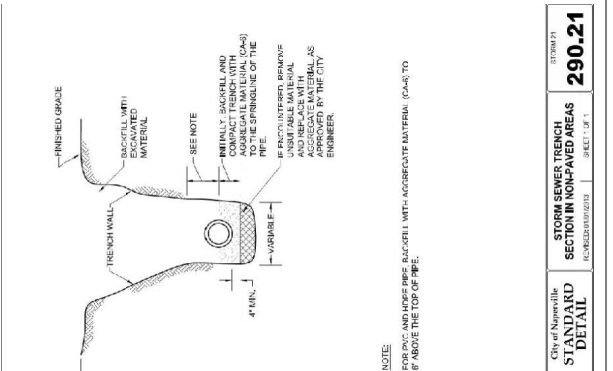
City of Naperville
**STANDARD
 DETAIL**
 CATCH BASIN - TYPE A
 290.02
 SHEET 1 OF 1



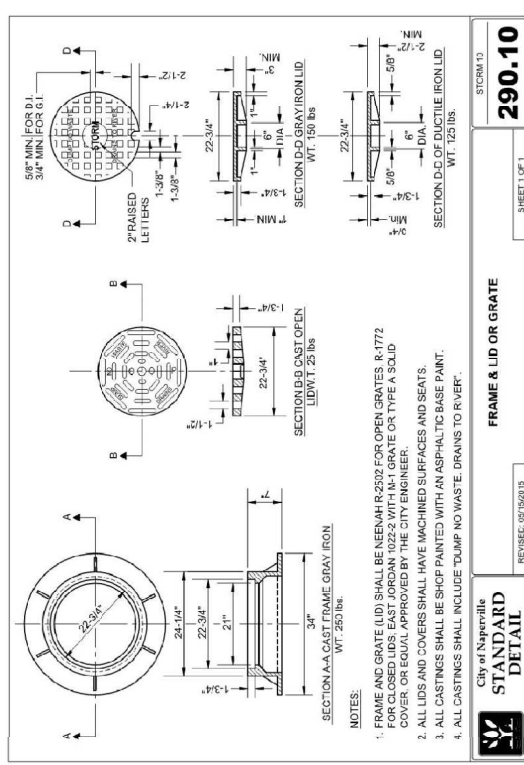
City of Naperville
**STANDARD
 DETAIL**
 INLET - TYPE A
 290.05
 SHEET 1 OF 1



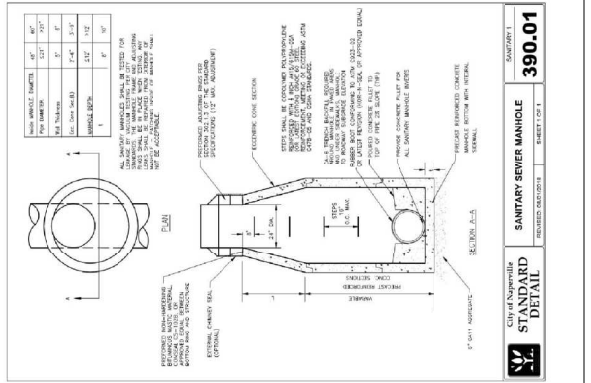
City of Naperville
**STANDARD
 DETAIL**
 STORM SEWER TRENCH
 SECTION IN PAVED AREAS
 290.20
 SHEET 1 OF 1



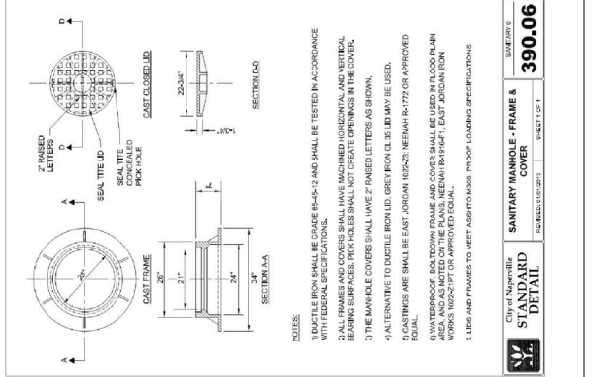
City of Naperville
**STANDARD
 DETAIL**
 STORM SEWER TRENCH
 SECTION IN NON-PAVED AREAS
 290.21
 SHEET 1 OF 1



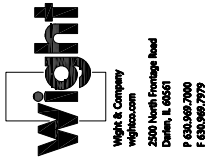
City of Naperville
**STANDARD
 DETAIL**
 FRAME & LID OR GRATE
 290.10
 SHEET 1 OF 1



City of Naperville
**STANDARD
 DETAIL**
 SANITARY SEWER MANHOLE
 390.01
 SHEET 1 OF 1



City of Naperville
**STANDARD
 DETAIL**
 SANITARY MANHOLE - FRAME &
 COVER
 390.06
 SHEET 1 OF 1

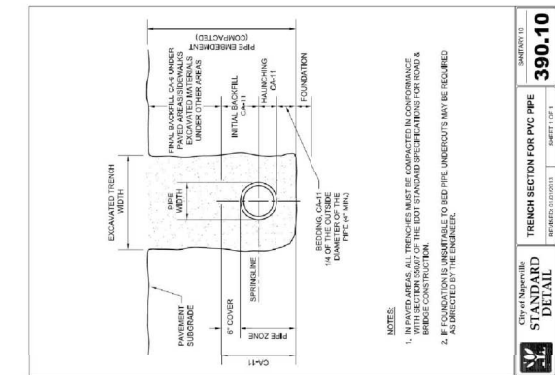


**NAPER SETTLEMENT
 INNOVATION
 GATEWAY
 & AG CENTER**
 523 S. WEBSTER STREET
 NAPERVILLE, IL 60540

CIVIL DETAILS

Project Engineer
 Design Engineer
 Project Manager
 SC
 Sheet

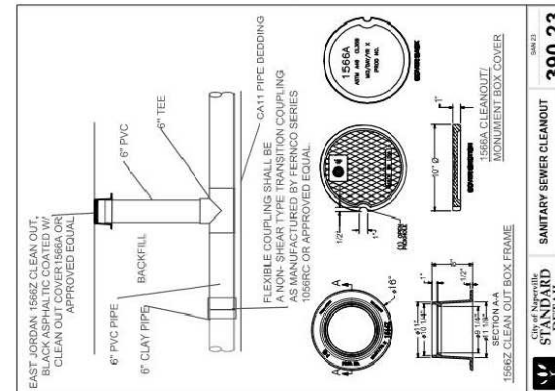
C5.02



390.10
 TRENCH SECTION FOR PVC PIPE
 STANDARD DETAIL
 SHEET 1 OF 1

NOTES:

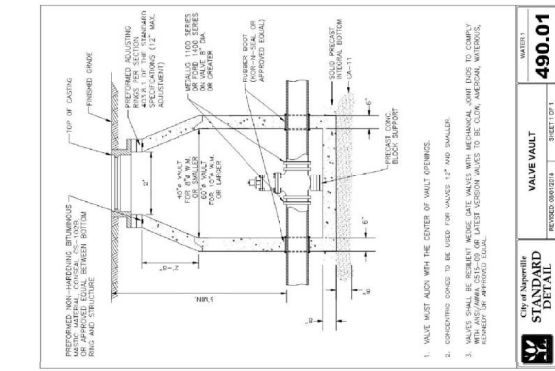
1. IN PAVED AREAS, ALL TRENCHES MUST BE COMPACTED IN CONFORMANCE WITH THE REQUIREMENTS OF THE BEST STANDARD SPECIFICATIONS FOR ROAD & HIGHWAY CONSTRUCTION.
2. IF CONDITIONS UNFAVORABLE TO BED PIPE UNDERCUTS MAY BE REQUIRED, AS DETERMINED BY THE ENGINEER.



390.23
 SANITARY SEWER CLEANOUT
 STANDARD DETAIL
 SHEET 1 OF 1

NOTES:

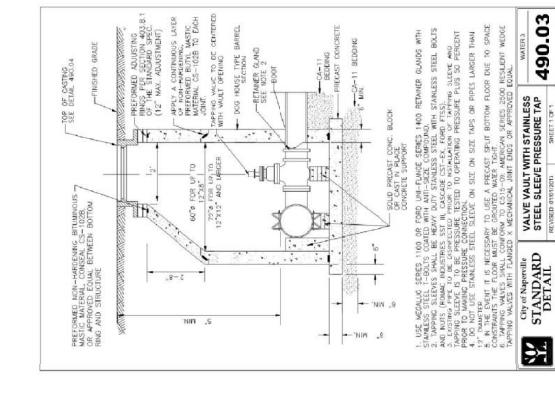
1. EAST JORDAN 1568Z CLEAN OUT, BACKFILL COVER (1568A) OR CLEAN OUT COVER (1568A) OR APPROVED EQUAL.
2. FLEXIBLE COUPLING SHALL BE A NON-SHEAR TYPE TRANSITION COUPLING AS MANUFACTURED BY FERROCO SERIES 1056RC OR APPROVED EQUAL.
3. 1568A CLEANOUT MONUMENT BOX COVER.



490.01
 VALVE VAULT
 STANDARD DETAIL
 SHEET 1 OF 1

NOTES:

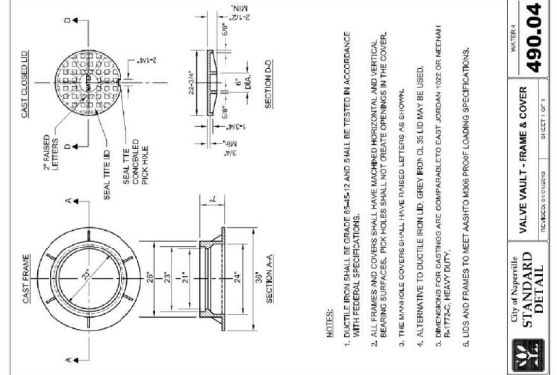
1. VALVE MUST ALIGN WITH THE CENTER OF VAULT CHAMBERS.
2. CONCRETE SHALL BE USED FOR WALLS 14\"/>



490.03
 STANDARD STEEL PIPE PRESSURE
 STANDARD DETAIL
 SHEET 1 OF 1

NOTES:

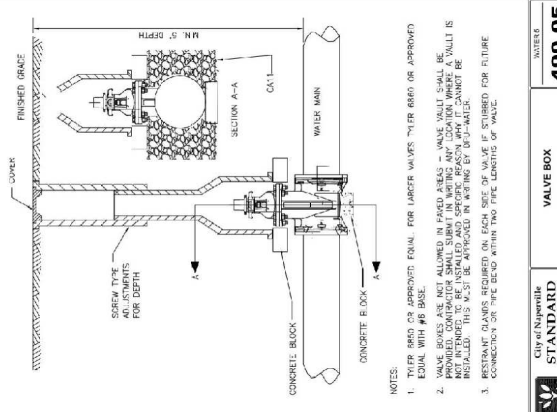
1. USE METALIC SERIES 100 OR 1000 FOR JOINT-FRAME SERIES 1400 REINFORCER. GALVANIZED STEEL SHALL BE USED FOR JOINT-FRAME SERIES 1400 REINFORCER. GALVANIZED STEEL SHALL BE USED FOR JOINT-FRAME SERIES 1400 REINFORCER.
2. JOINT-FRAME SHALL BE REINFORCED WITH MECHANICAL JOINT DUE TO COMPLY WITH THE REQUIREMENTS OF THE BEST STANDARD SPECIFICATIONS FOR ROAD & HIGHWAY CONSTRUCTION.
3. ALL JOINT-FRAMES SHALL BE REINFORCED WITH MECHANICAL JOINT DUE TO COMPLY WITH THE REQUIREMENTS OF THE BEST STANDARD SPECIFICATIONS FOR ROAD & HIGHWAY CONSTRUCTION.
4. JOINT-FRAMES SHALL BE REINFORCED WITH MECHANICAL JOINT DUE TO COMPLY WITH THE REQUIREMENTS OF THE BEST STANDARD SPECIFICATIONS FOR ROAD & HIGHWAY CONSTRUCTION.
5. JOINT-FRAMES SHALL BE REINFORCED WITH MECHANICAL JOINT DUE TO COMPLY WITH THE REQUIREMENTS OF THE BEST STANDARD SPECIFICATIONS FOR ROAD & HIGHWAY CONSTRUCTION.
6. JOINT-FRAMES SHALL BE REINFORCED WITH MECHANICAL JOINT DUE TO COMPLY WITH THE REQUIREMENTS OF THE BEST STANDARD SPECIFICATIONS FOR ROAD & HIGHWAY CONSTRUCTION.
7. JOINT-FRAMES SHALL BE REINFORCED WITH MECHANICAL JOINT DUE TO COMPLY WITH THE REQUIREMENTS OF THE BEST STANDARD SPECIFICATIONS FOR ROAD & HIGHWAY CONSTRUCTION.
8. JOINT-FRAMES SHALL BE REINFORCED WITH MECHANICAL JOINT DUE TO COMPLY WITH THE REQUIREMENTS OF THE BEST STANDARD SPECIFICATIONS FOR ROAD & HIGHWAY CONSTRUCTION.
9. JOINT-FRAMES SHALL BE REINFORCED WITH MECHANICAL JOINT DUE TO COMPLY WITH THE REQUIREMENTS OF THE BEST STANDARD SPECIFICATIONS FOR ROAD & HIGHWAY CONSTRUCTION.
10. JOINT-FRAMES SHALL BE REINFORCED WITH MECHANICAL JOINT DUE TO COMPLY WITH THE REQUIREMENTS OF THE BEST STANDARD SPECIFICATIONS FOR ROAD & HIGHWAY CONSTRUCTION.



490.04
 VALVE VAULT - FRAME & COVER
 STANDARD DETAIL
 SHEET 1 OF 1

NOTES:

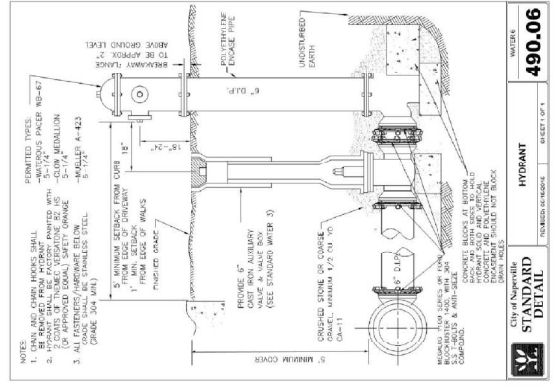
1. DUCTILE IRON SHALL BE GRADE 60-42-12 AND SHALL BE TESTED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS.
2. ALL FRAMES AND COVERS SHALL HAVE MARKING HORIZONTAL AND VERTICAL BEARING COUPLES. POSITIONED SHALL NOT BE IN THE CENTER OF THE COVER.
3. THE NON-HOLE COVERS SHALL HAVE THE HOLE CENTERED AS SHOWN.
4. ALTERNATIVE TO DUCTILE IRON, GREY IRON CLASS B MAY BE USED.
5. DIMENSIONS FOR CASTINGS ARE COMPATIBLE TO EAST JORDAN 1027 OR METMHI (PARTICULARLY FOR THE COVER).
6. LIDS AND FRAMES TO MEET AASHTO M808 PROOF LOADING SPECIFICATIONS.



490.05
 VALVE BOX
 STANDARD DETAIL
 SHEET 1 OF 1

NOTES:

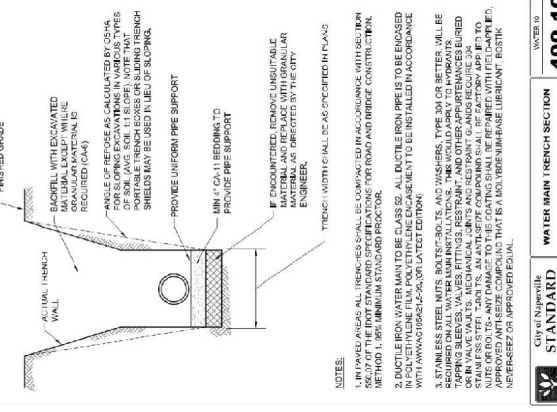
1. TYPE BRAD OR APPROVED EQUAL FOR LARGER VALVES. TYPE BRAD OR APPROVED EQUAL WITH #8 BRAD.
2. VALVE BOXES ARE NOT ALLOWED IN PAVED AREAS. VALVE VAULT SHALL BE USED IN PAVED AREAS. VALVE BOXES SHALL NOT BE USED IN PAVED AREAS. VALVE BOXES SHALL NOT BE USED IN PAVED AREAS.
3. RESTRAINT CLAMPS REQUIRED ON EACH SIDE OF VALVE IF SETBACK FOR FUTURE CONSTRUCTION ON THE END WITH THE TRENCHING OF VALVE.



490.06
 HYDRANT
 STANDARD DETAIL
 SHEET 1 OF 1

NOTES:

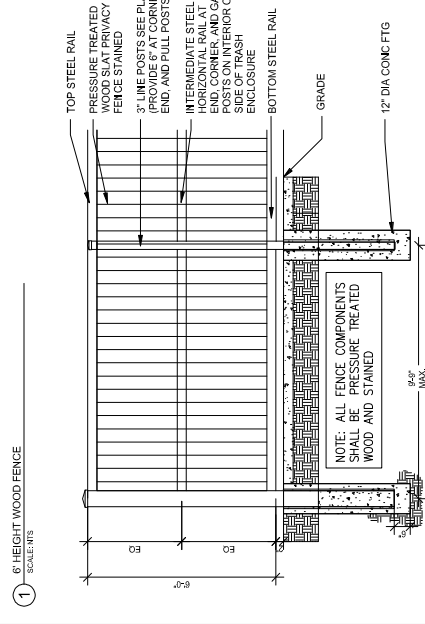
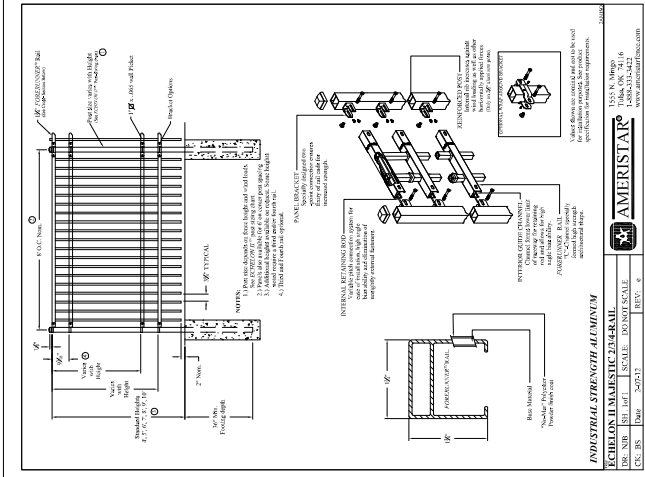
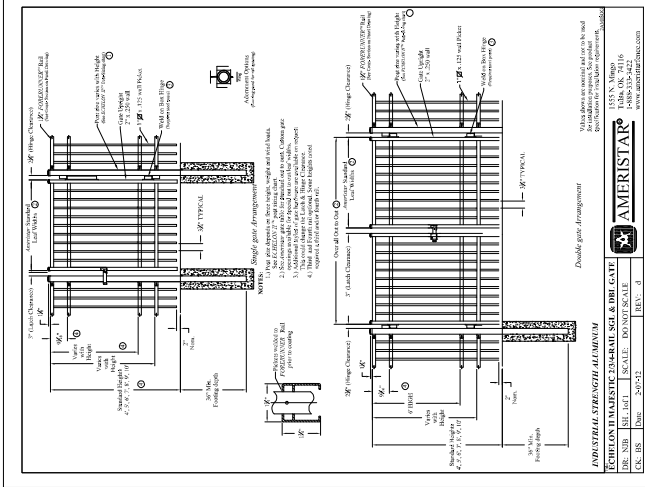
1. USE CURB APPROX SMALL.
2. ALL HYDRANTS SHALL BE CAST IRON OR DUCTILE IRON.
3. ALL HYDRANTS SHALL BE CAST IRON OR DUCTILE IRON.
4. ALL HYDRANTS SHALL BE CAST IRON OR DUCTILE IRON.
5. ALL HYDRANTS SHALL BE CAST IRON OR DUCTILE IRON.
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8. ALL HYDRANTS SHALL BE CAST IRON OR DUCTILE IRON.
9. ALL HYDRANTS SHALL BE CAST IRON OR DUCTILE IRON.
10. ALL HYDRANTS SHALL BE CAST IRON OR DUCTILE IRON.



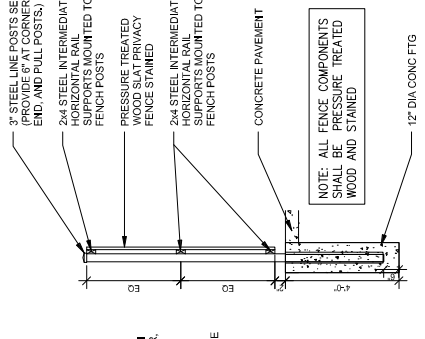
490.10
 WATER MAIN TRENCH SECTION
 STANDARD DETAIL
 SHEET 1 OF 1

NOTES:

1. IN PAVED AREAS ALL TRENCHES SHALL BE COMPACTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE BEST STANDARD SPECIFICATIONS FOR ROAD & HIGHWAY CONSTRUCTION.
2. DUCTILE IRON WATER MAIN TO BE CLASS 50. ALL DUCTILE IRON PIPE IS TO BE ENCASED IN FALVE TRENCH WALL POLYETHYLENE ENCASEMENT TO BE INSTALLED IN ACCORDANCE WITH ANNOVASCAL-5000 LATEST EDITION.
3. STAINLESS STEEL FITTINGS, BOLTS, NUTS, AND WASHERS, TYPE 304 OR BETTER, SHALL BE USED FOR ALL FITTINGS. MECHANICAL JOINTS AND RESTRAINT CLAMPS REQUIRED FOR ALL VALVES OR BOXES. ANY DAMAGE TO THE COATING SHALL BE REPAIRED WITH FALVE TRENCH WALL POLYETHYLENE ENCASEMENT. ALL TRENCHES SHALL BE APPROVED EQUAL.



WOOD FENCE DETAIL



CONTRACTOR TO SUBMIT STAIN COLORS FOR APPROVAL. STAIN SHOULD BE CONSISTENT WITH THE BUILDING

DATA SHEET
Bulldog-Edg™
 FLEXIBLE 1.75 INCH HIGH PAPER EDGING

1-800-EDGINGS (834-4647)
 edgings@olyola.com
 www.olyola.com

This strongest pavement constraint in Oly-Olda's line, Bulldog-Edg™ is a heavy-duty automotive construction product, such as driveways or curbing to make tight curves. Its simple, yet effective, design allows it to be the perfect choice for various landscaping applications. And, as with all Oly-Olda pavement products, Bulldog-Edg™ is made with 100% recycled, high grade PVC without fillers or blown in sand. It can be installed under or outside the paver.

Available in flexible style, 15' or 5' ft. lengths

SPECIFICATIONS	
Material:	Black rigid poly(vinyl chloride) (PVC), carbon black concentrate and impact modifier
Thickness:	1.75" (44.27 mm)
Weight:	2.5 lbs./sq. yd. (2.5 lbs./sq. yd. (36 ft. x 36 ft.))
Dimensions:	Width = 2.75" (70.15 mm) Height = 1.75" (44.27 mm)
Can be removed:	Yes - Heat gun or propane torch (light owners)
Approx. Weight:	13.5' sheet: 5.6 lbs., bundle: 34 lbs. 2.5' ft. sheet: 2.8 lbs., bundle: 24 lbs. 15' sheet: 45 lbs.
Connection Type:	Interlocking - Use PVC glue for permanent hold.
Shading:	Variable through granular (black, white, red) or Oly-Olda's 8-25 inch stone (color economy).
Available Styles:	Flexible only

INSTALLATION GUIDELINES & TIPS

Install the bricks or pavers according to the manufacturer's guidelines. If installing underneath the pavers, measure the final row of pavers before securing the power restraint. When installing outside the pavers, simply butt the restraint up against the pavers, and a penny wedge will correct any uneven spots.

STAINING

Directions for staining: 1. Use a brush to apply stain to the back of the brick. 2. Allow to dry for 24 hours. 3. Apply stain to the front of the brick. 4. Allow to dry for 24 hours. 5. Repeat steps 1-4 until the desired color is achieved. 6. Allow to dry for 24 hours before use.



CONNECTOR: H-CUP

This H-Cup can be used with each Oly-Olda paver restraint. Use PVC glue to attach the joint for a permanent hold.

Discover THE OLY-OLA EDGE

Oly-Olda Edgings, Inc. | 124 E. St. Charles Road - Villa Park, IL - 60181 | Phone: 1-800-EDGINGS Fax: 630-833-0816 Email: edgings@olyola.com



wight
 Wight & Company
 wightco.com
 2000 North Fortange Road
 Downers Grove, IL 60515
 P 630.982.7000
 F 630.982.7979

NAPER SETTLEMENT INNOVATION GATEWAY & AG CENTER
 523 S. WEBSTER STREET
 NAPERVILLE, IL 60540

CIVIL DETAILS

Project Name:
 Project No.:
 Drawing No.:
 Scale:
 Sheet:

C5.05