

**ENCROACHMENT LICENSE
AGREEMENT**

Address:

North Central College
30 North Brainard Street
Naperville, Illinois 60540

PINS: Rights-of-Way

Adjacent to:

08-18-315-008;
08-18-306-001;
08-18-315-001;
08-18-315-004;
08-18-315-003;
08-18-315-007;
08-18-320-001;
08-18-320-005;
08-18-320-012;
08-18-325-001;
08-18-326-001;
08-18-327-014;
08-18-327-015;
08-18-327-019;
08-18-327-021

(for Recorder's Use Only)

Prepared by/Return to:

City Clerk
City of Naperville
400 South Eagle Street
Naperville, IL 60540
Attn: TED

**NORTH CENTRAL COLLEGE WALKWAY
ENCROACHMENT LICENSE AGREEMENT**

THIS ENCROACHMENT LICENSE AGREEMENT ("Agreement") is made this 7th day of August, 2017, ("Effective Date") between the City of Naperville, an Illinois municipal corporation and home rule unit of government under the laws and Constitution of the State of Illinois ("City" or "Licensor") with offices at 400 South Eagle Street, Naperville, Illinois 60540 and North Central College, an Illinois not-for-profit corporation, with offices at 30 North Brainard Street, Naperville, Illinois 60540 ("Licensee"). The City/Licensor and Licensee may be referenced herein in the singular as "Party" or in the plural as "Parties".

RECITALS

A. As an element of its Master Land Use Plan, Licensee has designed an internal pedestrian walkway through the center of its Campus extending from North Street, on the northernmost end of the Campus, to Bambule Riverwalk Gateway, on the southernmost end of the Campus (“Licensee’s Walkway”).

B. Licensee’s Walkway has been or will be constructed within several rights-of-way owned by the City as described herein (“Licensor’s Property”).

C. A portion of Licensee’s Walkway now exists through the Main Campus from School Street to the Jefferson Plaza. Licensee’s Walkway between School Street and Benton Avenue has been part of the Main Campus for many years. Licensee’s Walkway was extended from Benton Avenue to the Jefferson Plaza in 2012.

D. Licensee is proposing to extend Licensee’s Walkway from the Jefferson Plaza west across the Seager Hall yard, across Brainard Street, along the west side of Brainard Street to the intersection of Highland Avenue and South Brainard Street.

E. The portions of Licensee’s Walkway as referenced in Recitals C and D above which encroach upon Licensor’s Property, are generally depicted on **Exhibit A** attached hereto and referenced herein as “Licensee’s Walkway Encroachments”.

F. Licensee’s Walkway Encroachments include: (i) brick paver walkway aprons; (ii) brick paver walkways; (iii) perforated underground drainage pipes associated with the permeable pavers; and (iv) decorative pedestrian crossings. That portion of Licensor’s Property occupied by Licensee’s Walkway Encroachments is hereinafter referenced as “Licensee’s Walkway Encroachment Areas”.

G. Licensor has determined that Licensee’s Walkway Encroachments will not adversely impact the use of Licensor’s Property or impair the public health, safety and welfare

subject to the conditions provided for herein.

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, and in the exercise of the City's home rule authority, the Parties hereto agree as follows:

1. Recitals. The above Recitals are hereby incorporated into and made a part of this Agreement as though fully set forth herein.
2. License for Licensee's Walkway Encroachments. To the extent of its authority, Licensor does hereby grant to Licensee, and Licensee's successors and assigns, for the benefit of Licensee's Walkway a nonexclusive license ("License") to encroach upon and to occupy and use Licensee's Walkway Encroachment Areas for Licensee's Walkway Encroachments in the manner and for the purposes as set forth herein.
3. Use of Licensee's Walkway Encroachments. The License herein granted shall be limited to the use by Licensee of the Licensee's Walkway Encroachment Areas for the purpose of constructing, installing, maintaining, repairing and replacing thereon Licensee's Walkway Encroachments pursuant to the provisions set forth herein.
4. Limits of License. Licensee agrees that this grant of License to encroach shall not otherwise modify, impair or remove rights or covenants of record. The Parties agree that this License is subject to any rights of third parties in the Licensor's Property and Licensor makes no warranty regarding Licensee's right to use Licensee's Walkway Encroachment Areas except as regards to the interest of Licensor as provided herein.
5. AS-IS Condition. Licensee accepts Licensee's Walkway Encroachment Areas "AS IS" in their condition as of the Effective Date of this Agreement.
6. Defense, Indemnification, Hold Harmless. Licensee assumes all liability and shall defend (with legal counsel approved by Licensor, which approval shall not be unreasonably withheld), indemnify, hold harmless, and compensate Licensor and its officers, agents, employees, and representatives from any and all claims, causes of action, damages, lawsuits, and/or administrative proceedings including but not limited to injury or damage to person or property, or claim thereof, occasioned by or arising in connection with the installation, construction, use or occupancy of Licensee's Walkway Encroachments and/or Licensee's Walkway Encroachment Areas, including but not limited to the existence, use, or condition of said Licensee's Walkway Encroachments and/or any of Licensee's Walkway Encroachment Areas. Licensee further agrees to defend, indemnify, and hold harmless Licensor and its officers, agents, employees, and representatives against:

(i) any claims, causes of action, damages, lawsuits and/or administrative proceedings, including, but not limited to injury or damage to person or property, or claim thereof, arising out of this Agreement, the Licensee's Walkway Encroachments, the condition of Licensee's Walkway Encroachment Areas, or any act or omission of Licensee, Licensee's agents or assigns, or any independent contractor acting on Licensee's behalf; and (ii) any claim, costs, or expenses (including but not limited to attorneys' fees, whether in-house or outside counsel) incurred by Licensor in enforcing the terms and provisions of this Agreement. Nothing contained herein shall be construed as a limitation or waiver of defenses available to the City and its agents, including, but not limited to the Illinois Local Government and Local Governmental Employees Tort Immunity Act. The provisions of this Paragraph 6 apply only to Licensee's Walkway Encroachments constructed by Licensee and do not apply to any improvements made and/or constructed by Licensor or any other person or entity within Licensee's Walkway Encroachment Areas nor to any property located in Licensee's Walkway Encroachment Areas owned by Licensor or any other person or entity.

7. Insurance. The City and its officers, agents, and employees shall be named as additional insureds on Licensee's, and Licensee's contractors' or subcontractors', insurance policies for worker's compensation, general liability, automobile liability for any work or activities to be performed within Licensee's Walkway Encroachment Areas, and shall be provided with additional insured endorsements to evidence such coverage upon request.

8. Obligation to Construct, Repair, and Maintain.

8.1 At Licensee's sole cost:

8.1.1 Licensee has constructed Licensee's Walkway from Benton Avenue to the Jefferson Plaza referenced in Recital C herein in accord with engineering plans and specifications prepared by CEMCON, Ltd. dated August 15, 2012, last revised October 2, 2012, attached hereto as **Exhibit B**.

8.1.2 Licensee has, or will, construct Licensee's Walkway referenced in Recital D herein in accord with engineering plans and specifications prepared by CEMCON, Ltd. dated March 29, 2017, last revised June 13, 2017, attached hereto as **Exhibit C**.

8.1.3 Licensee has or shall obtain all necessary permits for construction of Licensee's Walkway Encroachments in the Walkway Encroachment Areas.

8.1.4 Licensee shall, upon completion of any work within Licensee's Walkway Encroachment Areas, restore the surface thereof as

required by Licensor to the same or better condition than that which existed prior to the beginning of any work.

8.1.5 Licensee shall at all times maintain Licensee's Walkway Encroachments in good repair and in a safe condition.

8.1.6 Upon demand from Licensor, Licensee shall immediately correct any defect or damage to Licensee's Walkway Encroachments and/or to the Walkway Encroachment Areas (which pertain to Licensee's Walkway Encroachments) which, in the sole determination of Licensor, present an unsafe condition.

8.2 In addition to the requirements of Paragraph 8.1 above, Licensee, at its sole cost, shall be solely responsible to take all steps needed to operate, maintain, and ensure the good working order of the perforated underground drainage pipe which serves Licensee's Walkway, whether or not such pipe is located under a Walkway Encroachment Area.

8.3 While nothing contained herein imposes any duty or obligation upon Licensor to maintain Licensee's Walkway Encroachments or Licensee's Walkway Encroachment Areas, or to effect any repairs on either, Licensor shall have the right to enter upon Licensee's Walkway Encroachment Areas to remove or otherwise render safe or operable Licensee's Walkway Encroachments or Licensee's Walkway Encroachment Areas (which pertain to Licensee's Walkway Encroachments) when, in the sole determination of the Licensor, such action is necessary to protect the public health, welfare or safety. Licensee shall remain responsible for all expenses incurred by the Licensor in performing such work, provided that Licensee has failed to correct any defects in the Licensee's Walkway Encroachments or Licensee's Walkway Encroachment Areas within thirty (30) days written notice from Licensor to Licensee. Notwithstanding the foregoing, if Licensor determines that the condition of any part of Licensee's Walkway Encroachments or Walkway Encroachment Area is such that its correction should not wait for a thirty (30) day cure period, Licensor shall notify Licensee that such correction shall occur within a shorter timeframe specified by Licensor and that protective measures shall be taken by Licensee to ensure the public health, safety and welfare until such time as the correction is completed. If such correction is not taken by Licensee within such timeframe, Licensor shall have the right, but not the obligation, to undertake such correction and Licensee shall be responsible for payment of Licensor's expenses as set forth above.

9. Binding Effect. The provisions and conditions of this License shall bind and inure to the benefit of the legal representatives, successors and assigns of the respective Parties hereto, and shall run with the title of Licensee's Walkway. This License shall be a covenant running with the land and shall be recorded in the office of the DuPage County Recorder.

10. Termination. This License may be terminated by either Party as follows:
 - a. Licensor may terminate this License as to one or more of the Licensee's Walkway Encroachments upon ninety (90) days written notice if it determines that Licensee's Walkway Encroachment(s) is (are) not properly maintained; or the existence of this License or Licensee's Walkway Encroachment(s) present(s) a danger to the public health, safety or welfare; or if Licensee's Walkway Encroachment(s) is (are) determined to interfere or potentially interfere with Licensor's use or proposed use of Licensor's Property or Licensee's Walkway Encroachment Areas; or Licensee ceases using Licensee's Walkway Encroachment Areas for Licensee's Walkway Encroachments.
 - b. Licensee may terminate this License as to one or more of the Licensee's Walkway Encroachments upon thirty (30) days written notice provided such termination shall not be effective until Licensee's Walkway Encroachment(s) is (are) removed and Licensee's Walkway Encroachment Area(s) is (are) restored as provided herein.
11. Removal of Encroachments/Restoration. In the event of termination, Licensee shall cause the removal of Licensee's Walkway Encroachment(s) and shall restore the surface of Licensee's Walkway Encroachment Area(s) as required by Licensor to the same or better condition as when this License was executed. In the event Licensee fails to affect such removal within ninety (90) days after termination, Licensor shall have the right to enter upon Licensee's Walkway Encroachment Area(s) and remove Licensee's Walkway Encroachment(s). All costs of said removal as provided herein shall be borne by Licensee and shall be paid to Licensor upon demand.
12. Relocation of Licensor's Walkway Encroachments. Licensee, upon reasonable notice from Licensor, shall temporarily move or relocate Licensee's Walkway Encroachment(s) to permit work or other activity within Licensee's Walkway Encroachment Area(s). Licensee assumes all risk in the placement of Licensee's Walkway Encroachments and shall be responsible for removal or relocation of Licensee's Walkway Encroachments in the event that Licensor, or any utility not owned by Licensor, requires access to perform work within Licensee's Walkway Encroachment Areas. Licensee shall remain liable for all expenses incurred by Licensor, including but not limited to, materials and labor in effecting removal, repair, or relocation of any of Licensee's Walkway Encroachments.
13. Costs/Attorney's Fees. All expenses, costs, and fees of any kind owed to Licensor by Licensee under the terms of this Agreement shall survive the termination of this Agreement as to one or more of Licensee's Walkway Encroachments. Licensee shall be responsible to pay for reasonable attorney's fees and costs associated with the enforcement of any aspect of this Agreement.

14. Entire Agreement/Amendment. This Agreement sets forth all of the agreements, conditions, covenants, representations, warranties and understandings between the Parties with respect to the subject matter hereof. No subsequent amendment, modification or waiver of any of the provisions of this Agreement shall be effective unless in writing and executed by the Parties hereto.
15. Ambiguity. If any term of this Agreement is ambiguous, it shall not be construed for or against any Party on the basis that the Party did or did not write it.
16. Choice of Law and Venue. The laws of the State of Illinois shall govern the terms of this Agreement both as to interpretation and performance. Venue for any action arising out of the terms or conditions of this License shall be in the Circuit Court for the Eighteenth Judicial Circuit, DuPage County, Illinois.
17. Notice. Any notice required to be given by this Agreement shall be deemed sufficient if made in writing and sent by fax (with verbal confirmation of receipt) or by mail, certified mail, return receipt requested, or by personal service to the persons and addresses indicated below or to such addresses and persons as either Party hereto shall notify the other Party in writing pursuant to the provisions of this subsection.

For the City of Naperville:

Legal Department
City of Naperville
400 South Eagle Street
Naperville, IL 60540
Telephone No. 630-420-4170

For North Central College:

North Central College
30 North Brainard Street
Naperville, IL 60540
Attention: Maryellen Skerik
Telephone No. 630-637-5678

18. Exhibits. Each exhibit attached to or referenced in this Agreement is made part hereof in its entirety.
19. Modification of Timeframes. Any timeframe provided for herein may be modified by the written agreement of Licensor's Director of Transportation, Engineering and Development and a representative of Licensee due to weather conditions or for any other reason.
20. Authorization. The undersigned warrant and represent that they are authorized to execute this Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Walkway Encroachment License Agreement as of the day and year first above written.

CITY/LICENSOR

By: _____
Douglas A. Krieger
City Manager

Attest:

By: _____
Pam Gallahue, Ph.D.
City Clerk

State of Illinois)
) ss
County of DuPage)

I, the undersigned, a Notary Public, in and for the County and State aforesaid, DO HEREBY CERTIFY that **Douglas A. Krieger**, personally known to me to be the City Manager of the City of Naperville, and **Pam Gallahue**, personally known to me to be the City Clerk for the City of Naperville, appeared before me this day in person and acknowledged that they signed this instrument in their respective capacities as the City Manager and City Clerk of the City of Naperville pursuant to authority granted to them by the City Council of the City of Naperville.

Given under my hand and official seal this _____ day of _____, 2017.

(seal)

Notary Public

LICENSEE

North Central College, an Illinois not-for-profit corporation

By: Maryellen Skerik

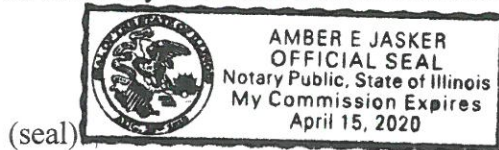
Name Maryellen Skerik

Title Vice President of Finance

State of Illinois)
) ss
County of DuPage)

I, the undersigned, a Notary Public, in and for the County and State aforesaid, DO HEREBY CERTIFY that Maryellen Skerik, appeared before me this day in person and acknowledged the signature(s) set forth above.

Given under my hand and official seal this 7th day of August, 2017.



Amber E Jasker
Notary Public



Transportation, Engineering and
Development Business Group
www.naperville.il.us
July 2017

City of Naperville

Encroachment Area: Benton Avenue/Brainard Street Alley



This map should be used for reference only. The data are subject to change without notice. City of Naperville assumes no liability in the use or application of the data. Reproduction or redistribution is forbidden without expressed written consent from the City of Naperville.



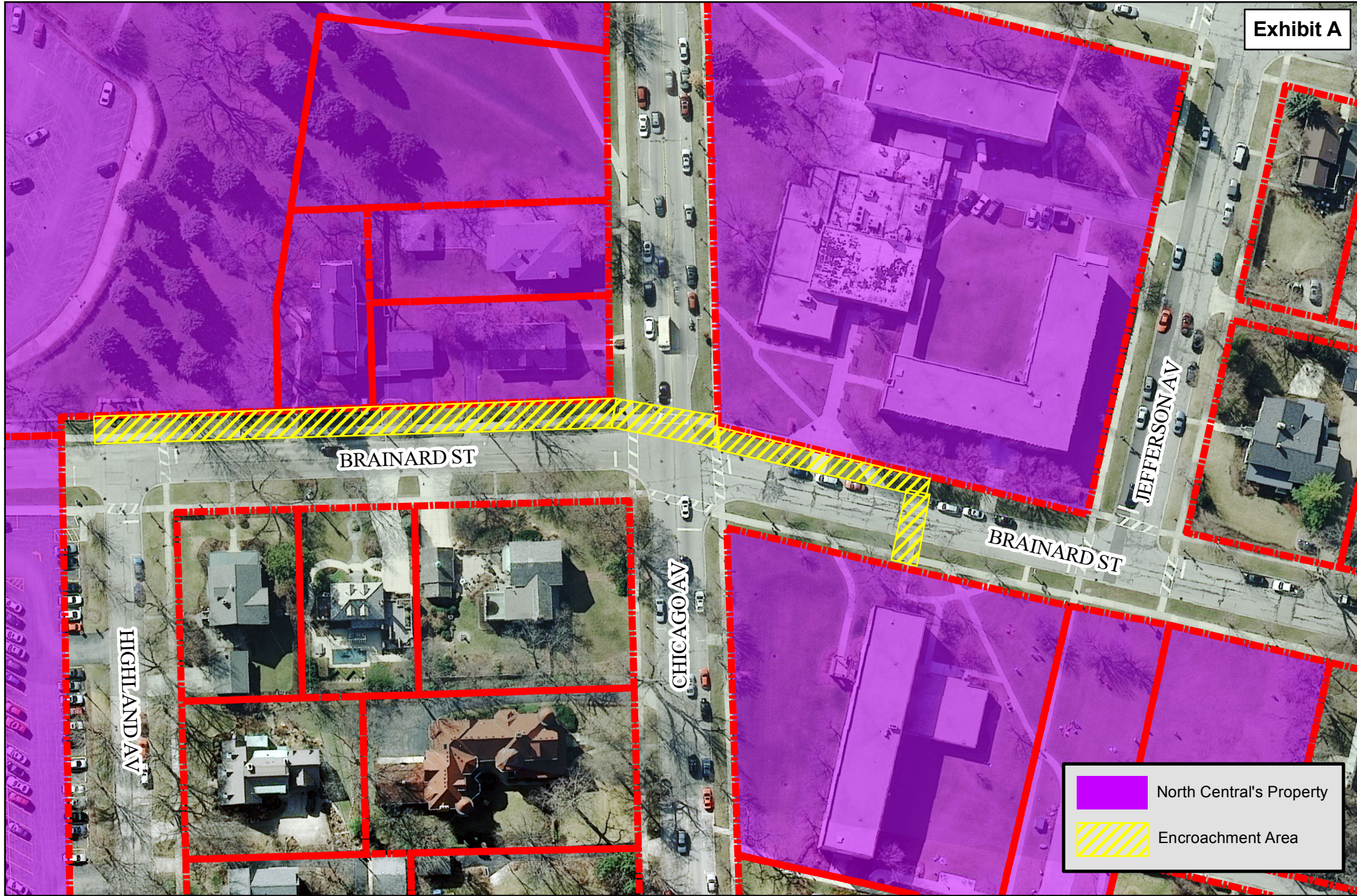
Transportation, Engineering and
Development Business Group
www.naperville.il.us
July 2017

City of Naperville

Encroachment Area: Van Buren Avenue/Brainard Street Alley



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	North Central's Property
	Encroachment Area



Transportation, Engineering and
Development Business Group
www.naperville.il.us
July 2017

City of Naperville

Encroachment Area: Brainard Street/Chicago Avenue

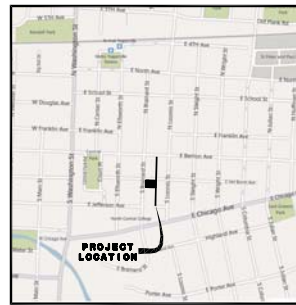


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FINAL ENGINEERING PLANS
FOR
NORTH CENTRAL COLLEGE
PEDESTRIAN CORRIDOR
NAPERVILLE, ILLINOIS

PARKING LOT AND
PEDESTRIAN PATH IMPROVEMENTS

EXISTING	PROPOSED	DESCRIPTION
○	●	MANHOLE
□	■	CATCH BASIN
	—	INLET
	—	CLEANOUT
	—	SLOPE INLET BOX
	—	HEADWALL
	—	END SECTION
—	—	STORM SEWER
—	—	SANITARY SEWER
—	—	WATERMAIN
—	—	VALVE & BOX
—	—	WATER VALVE (UNLESS OTHERWISE NOTED)
—	—	WATER VALVE IN VAULT
—	—	FIRE HYDRANT
—	—	CONTOURS
(ELEV)	ELEV	ELEVATIONS
—	—	STREET LIGHT
	—	WATERMAIN PROTECTION
	—	SILT FENCE INLET PROTECTOR
	—	TEMPORARY STRAW BALE DITCH CHECK
	—	OVERFLOW ROUTE



LOCATION MAP



INDEX OF SHEETS

1. TITLE SHEET
2. CONSTRUCTION SPECIFICATIONS - GENERAL NOTES
3. GEOMETRIC PLAN
4. DEMOLITION PLAN
- △ 4A. TRAFFIC CONTROL PLAN
5. ELECTRICAL ROUTING AND LIGHTING PLAN
6. EROSION CONTROL PLAN
7. STORMWATER POLLUTION PREVENTION PLAN
- 8-10. IMPROVEMENT PLAN
11. DRAINAGE STRUCTURE AND PAVEMENT DETAILS

BENCH MARKS

ELEVATION REFERENCE MARKS

RM1 - SQUARE CUT IN SOUTHEAST CORNER OF CONCRETE STORM STRUCTURE LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF LOOMIS STREET AND PORTER AVENUE.
ELEV. +676.76

RM2 - SQUARE CUT IN NORTHEAST CORNER OF CONCRETE TRAFFIC SIGNAL HANDHOLE ON THE SOUTH SIDE OF CHICAGO AVENUE, APPROXIMATELY 30 FEET WEST OF THE CENTERLINE OF ELLSWORTH PLACE.
ELEV. +699.88

(ABOVE REFERENCE MARKS ARE REFERENCED TO THE DUPAGE COUNTY VERTICAL DATUM (NGVD 29) U.S.G.S.)

PROJECT ELEVATION REFERENCE MARKS

TBM1 - CUT CROSS IN WALK LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF LOOMIS STREET AND CHICAGO AVENUE.
ELEV. +716.21

TBM2 - CUT CROSS IN WALK LOCATED AT THE SOUTHEAST CORNER OF VAN BUREN AVENUE AND LOOMIS STREET.
ELEV. +718.72

PROFESSIONAL ENGINEER'S CERTIFICATION

STATE OF ILLINOIS) SS.
COUNTY OF DU PAGE)

I, MICHAEL A. MAY, A LICENSED PROFESSIONAL ENGINEER OF ILLINOIS, HEREBY CERTIFY THAT THIS TECHNICAL SUBMISSION WAS PREPARED ON BEHALF OF NORTH CENTRAL COLLEGE BY CEMCON, LTD. UNDER MY PERSONAL DIRECTION. THIS TECHNICAL SUBMISSION IS INTENDED TO BE USED AS AN INTEGRAL PART OF AND IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND CONTRACT DOCUMENTS.

DATED THIS ___ DAY OF _____, A.D., 2012.

ILLINOIS LICENSED PROFESSIONAL ENGINEER NO. 062-059494
MY LICENSE EXPIRES ON NOVEMBER 30, 2013

PROFESSIONAL DESIGN FIRM LICENSE NUMBER 184-002937
EXPIRES APRIL 30, 2013

NOTE: UNLESS THIS DOCUMENT BEARS THE ORIGINAL SIGNATURE AND IMPRESSED SEAL OF THE DESIGN PROFESSIONAL ENGINEER, IT IS NOT A VALID TECHNICAL SUBMISSION.

FOR UNDERGROUND UTILITY LOCATIONS, CALL **J.U.L.I.E.** TOLL FREE TEL. 1-800-892-0123

DATE: _____
RELEASED FOR PLAN REVIEW AND PERMIT PROCESSING ONLY.
IF USED FOR BIDDING PURPOSES, THOSE PARTIES CONCERNED SHALL BE ADVISED THAT REVISIONS MAY BE REQUIRED PRIOR TO PLAN APPROVAL.
NOT ISSUED FOR CONSTRUCTION UNTIL APPROVED BY THE CITY OF NAPERVILLE AND PERMITTED AS REQUIRED.

PREPARED FOR:
NORTH CENTRAL COLLEGE
30 NORTH BRAINARD STREET
NAPERVILLE, ILLINOIS 60566
(630) 637-5100



PREPARED BY:
CEMCON, Ltd.
Consulting Engineers, Land Surveyors & Planners
2280 White Oak Circle, Suite 100
Aurora, Illinois 60502-9675
Ph: 630.862.2100 Fax: 630.862.2199
E-Mail: cadd@cemcon.com Website: www.cemcon.com

REVISIONS					
NO.	DATE	SHEETS	NO.	DATE	SHEETS
△ 1	09-07-12/AMS	1 - 6, 9, 10 & 11			
△ 2	10-02-12/AMS	2, 3, 4, 5, 6, 8, 9, 10 & 11			

JOB NO. 409.025
COMPLETION DATE :
AUGUST 15, 2012
SHEET 1 OF 11

GENERAL NOTES

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE JANUARY 1, 2002 EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION...
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING EACH OF THE UTILITY COMPANIES BEFORE ANY WORK IS STARTED...
4. THE ENGINEER SHALL BE GIVEN SEVENTY-TWO (72) HOURS NOTICE FOR ANY STAKING THAT IS TO BE DONE...
5. THE CONTRACTOR SHALL INFORM THE ENGINEER AND THE N.D.P.W. CONSTRUCTION DIVISION AT 400-4000 BEFORE WORK COMMENCES ON EACH CATEGORY OF CONSTRUCTION...
6. THE CONTRACTOR RESPONSIBLE FOR CONSTRUCTION, SANITARY SEWER CONSTRUCTION AND DRAINAGE IMPROVEMENTS (UNDERGROUND WORK) SHALL DISPOSE OF ALL SURPLUS MATERIALS ON THE SITE AS DIRECTED BY THE OWNER'S REPRESENTATIVE...
7. THE UNDERGROUND CONTRACTOR SHALL BE RESPONSIBLE TO PLACE ON GRADE AND COORDINATE WITH OTHER CONTRACTORS ALL UNDERGROUND STRUCTURE FRAMES SUCH AS CATCH BASINS, INLETS, MANHOLES, HYDRANTS, BUFFALO BOXES, VALVES, ETC. NO ADDITIONAL COMPENSATION WILL BE PAID AND SAID ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF CONSTRUCTION.
8. THE CONTRACTOR SHALL KEEP PUBLIC STREET PAVEMENTS CLEAN OF DIRT DEBRIS AND, WHEN NECESSARY, CLEAN PAVEMENTS ON A DAILY BASIS.
9. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT CITY OF NAPERVILLE ORDINANCES AND STANDARD SPECIFICATIONS.
10. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS PRIOR TO PERFORMING ANY WORK OR ORDERING ANY MATERIALS...
11. THE CONTRACTOR SHALL PROVIDE A PEDESTRIAN CONTROL/SIGNAGE PLAN IN ACCORDANCE WITH I007/AUTJCD STANDARDS.
12. IF GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION, A DEWATERING PLAN SHALL BE PROVIDED FOR REVIEW.

TRAFFIC CONTROL AND PROTECTION (Con't)

- 9. THE GOVERNING FACTOR IN THE EXECUTION AND STAGING OF WORK FOR THIS PROJECT IS TO PROVIDE THE MOTORING PUBLIC WITH THE SAFEST POSSIBLE TRAVEL CONDITIONS ALONG THE ROADWAY THRU THIS CONSTRUCTION ZONE...
10. ALL TRAFFIC CONTROL DEVICES USED ON THIS PROJECT SHALL CONFORM TO THE PROVISIONS AND REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL DEVICES AND THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS...
11. TRAFFIC CONTROL DEVICES INCLUDE: SIGNS AND THEIR SUPPORTS, SIGNALS, PAVEMENT MARKINGS, BARRIQUES WITH SAND BAGS, CHANNELIZING DEVICES, WARNING LIGHTS, ARROWBOARDS, FLAGGERS, OR ANY OTHER DEVICE USED FOR THE PURPOSE OF REGULATING, WARNING OR GUIDING TRAFFIC THRU THE CONSTRUCTION ZONE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER LOCATION, INSTALLATION, AND ARRANGEMENT OF ALL TRAFFIC CONTROL DEVICES. SPECIAL ATTENTION SHALL BE GIVEN TO ADVANCE WARNING SIGNS DURING CONSTRUCTION OPERATIONS IN ORDER TO KEEP LANE ASSIGNMENT CONSISTENT WITH BARRIQUADE PLACEMENT AT ALL TIMES...
13. CONSTRUCTION SIGNS REFERRING TO DAYTIME LANE CLOSURES DURING WORKING HOURS SHALL BE REMOVED OR COVERED DURING NON-WORKING HOURS.
14. THE CONTRACTOR SHALL COORDINATE ALL TRAFFIC CONTROL WORK ON THIS PROJECT WITH ADJOINING OR OVERLAPPING PROJECTS...
15. THE CONTRACTOR SHALL ENSURE THAT ALL TRAFFIC CONTROL DEVICES INSTALLED BY HIM ARE OPERATIONAL 24 HOURS A DAY, INCLUDING HOLIDAYS.
16. THE CONTRACTOR SHALL PROVIDE A MANDED TELEPHONE ON A CONTINUOUS 24-HOUR-A-DAY BASIS TO RECEIVE NOTIFICATION OF ANY DEFICIENCIES REGARDING TRAFFIC CONTROL AND PROTECTION...
17. WHEN TRAVELING IN LANES OPEN TO PUBLIC TRAFFIC, THE CONTRACTOR'S VEHICLES SHALL ALWAYS MOVE WITH AND NOT AGAINST OR ACROSS THE FLOW OF TRAFFIC...
18. ANY DROP OFF GREATER THAN THREE INCHES, BUT LESS THAN SIX INCHES WITHIN EIGHT FEET OF THE PAVEMENT EDGE SHALL BE PROTECTED BY TYPE I OR II BARRIQUES EQUIPPED WITH MONO-DIRECTIONAL STEADY BURN LIGHTS AT 100 FOOT CENTER TO CENTER SPACING...
19. CHECK BARRIQUES SHALL BE PLACED IN WORK AREAS PERPENDICULAR TO TRAFFIC EVERY 100 FEET, ONE (1) PER LANE AND SHOULDER...
20. PLACEMENT OF ALL SIGNS AND BARRIQUES SHALL PROCEED IN THE DIRECTION OF FLOW OF TRAFFIC...
21. DELAYS TO THE CONTRACTOR CAUSED BY COMPLIING WITH THESE REQUIREMENTS WILL BE CONSIDERED INCIDENTAL TO THE ITEM FOR TRAFFIC CONTROL AND PROTECTION...
22. THIS ITEM OF WORK WILL BE MEASURED ON A LUMP SUM BASIS FOR FURNISHING, INSTALLING, MAINTAINING, RELOCATING AND REMOVING THE TRAFFIC CONTROL DEVICES REQUIRED IN THE PLANS AND THESE REQUIREMENTS SHALL BE INCLUDED IN THE WORK BEING DONE OR AS SPECIFIED IN THE CONTRACT.

STORM SEWER

- 1. ALL STORM SEWER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT CITY OF NAPERVILLE STANDARD SPECIFICATIONS AND THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, 1998 EDITION...
2. ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENT AND PARAPETS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION.
3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION TO VERIFY IN THE FIELD ALL EXISTING AND UNDERGROUND UTILITIES ADJACENT TO THE PROJECT, AND BE RESPONSIBLE FOR PROTECTION OF SAME...
4. THE CONTRACTOR SHALL BE AWARE OF POTENTIAL CONFLICTS WITH EXISTING UTILITIES AS INDICATED ON THE PLANS...
5. ANY EXISTING UTILITY STRUCTURES REQUIRING ADJUSTMENT OR RECONSTRUCTION SHALL BE COMPLETED BY THE CONTRACTOR TO THE SATISFACTION OF THE UTILITY OWNER...
6. CONNECTIONS TO EXISTING STORM SYSTEMS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT...
7. "BAND-SEAL" OR SIMILAR COUPLINGS SHALL BE USED WHEN JOINING SEWER PIPES OF DISSIMILAR MATERIALS...
8. ALL STORM SEWER STRUCTURES, VALVE VAULTS, OR NOT AT FINAL GRADE SHALL BE RECONSTRUCTED FOR MORE THAN 14 DAYS...
9. ALL STORM STRUCTURES EXCEPT CATCH BASINS SHALL HAVE POURIED INTERIORS CONFORMING TO THE SHAPE OF THE PIPE.
10. ALL EXISTING FIELD DRAINAGE TILE ENCOUNTERED OR DAMAGED DURING CONSTRUCTION ARE TO BE RESTORED TO THEIR ORIGINAL CONDITION...
11. STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE OF THE PIPE CLASS SHOWN ON THE PLAN CONFORMING TO ASTM C-76 WITH MASTIC JOINTS CONFORMING TO THE STANDARD SPECIFICATIONS...
12. STORM SEWER STRUCTURE JOINTS SHALL BE DRESSED UP WITH HYDRAULIC CEMENT AS SHOWN ON THE DETAILS AND MEETING THE APPROVAL OF THE MUNICIPALITY.
13. THE COST OF PIPE BEDDING WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE CONTRACT UNIT PRICES...
14. GRANULAR TRENCH BACKFILL SHALL BE USED IN ALL LOCATIONS WHERE THE PROPOSED UNDERGROUND UTILITY IS TO BE CONSTRUCTED...
15. TREES SHALL BE INSTALLED A MINIMUM OF FIVE (5) FEET HORIZONTALLY FROM SANITARY SEWERS, SANITARY SERVICES, S, AND WATER SERVICES...
16. EXISTING WELLS MUST BE CAPPED AND SEPTIC TANKS ABANDONED IN ACCORDANCE WITH ALL REGULATIONS OF NAPERVILLE STANDARDS...
17. AT THE COMPLETION OF THE PROJECT ONE SET OF RECORD DRAWINGS IS TO BE SUBMITTED TO THE ENGINEER SHOWING THE LOCATION OF ALL OF THE SERVICES, PIPES, STRUCTURES, GRADING AND UTILITIES...
18. INSTALLATION OF PERMEABLE PAVERS SHALL BE PERFORMED IN ACCORDANCE WITH UNILOCK SPECIFICATIONS FOR PERMEABLE PAVERS (UNDER SEPARATE COVER).
19. PARKING LOT AND PEDESTRIAN PATH SHALL BE CONSTRUCTED IN CONFORMANCE WITH ALL REGULATIONS OF NAPERVILLE STANDARDS FOR ROADWAY AND PARKING LOT CONSTRUCTION.
20. SUBGRADE TO BE PROOF ROLLED PRIOR TO INSTALLATION OF AGGREGATE BASE COURSE.
21. ALL AREAS NOT PASSING PROOF ROLL SHALL BE UNDERGUT AND REPLACED WITH CA-1.

SEDIMENT AND EROSION CONTROL DURING CONSTRUCTION

- STANDARDS: THE FOLLOWING PUBLICATIONS WILL BE USED AS A GUIDE FOR THE IMPLEMENTATION OF SOIL EROSION AND SEDIMENT CONTROL: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (1987) PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS (OCT. 1981) URBAN COMMITTEE OF THE ASSOCIATION OF ILLINOIS SOIL AND WATER CONSERVATION DISTRICTS, PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS (JULY 1988) 2012 ILLINOIS URBAN MANUAL REQUIREMENTS: 1. SEDIMENT AND EROSION CONTROL SPECIFIED ON THE PLANS WILL BE FUNCTIONAL BEFORE ANY EARTHWORK OPERATIONS COMMENCE OR BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE. 2. STOCKPILES OF EARTH MATERIAL WILL BE PLACED AT LOCATIONS AS INDICATED ON THE PLANS... 3. SHOULD THE VOLUME VELOCITY, SEDIMENT LOAD, OR PEAK FLOW RATES OF STORMWATER RUNOFF TEMPORARILY INCREASE DURING CONSTRUCTION... 4. STORM SEWER INLETS SHALL BE PROTECTED BY SILT FENCE INLET PROTECTORS OR FILTER CONTROL DEVICES FOLLOWING INSTALLATION. 5. THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED... 6. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING WILL BE FILTERED. 7. VEHICULAR ACCESS TO THE SITE SHALL BE RESTRICTED TO A GRAVEL DRIVE. SAID GRAVEL DRIVE SHALL BE INSTALLED BEFORE ANY CONSTRUCTION BEGINS ABOVE THE TOP OF FOUNDATION. 8. THE DESIGNATED CONSTRUCTION ACCESS ROAD WILL BE MAINTAINED WITH CONNECTION TO ADJACENT PUBLIC ROADWAY... 9. ALL CONTROL MEASURES NECESSARY WILL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGH THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT EROSION CONTROL IS OPERATIONAL. 10. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, THEN SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED FOR SUCH STOCKPILE.

- MAINTENANCE: THE EXCAVATING CONTRACTOR SHALL BE RESPONSIBLE FOR THE INITIAL CONSTRUCTION OF THE EROSION CONTROL MEASURES SHOWN IN THE PLAN... INSPECTION BY OWNER: QUALIFIED PERSONNEL (PROVIDED BY THE PERMITTED) SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN STABILIZED... DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM... BASED ON THE RESULTS OF THE INSPECTION, THE PLAN AND EROSION CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE REVISED AS APPROPRIATE... C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND UNIFORM(S) OF PERSONNEL MAKING THE INSPECTION, AND DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION CONTROL PLAN, AND WHETHER THE PLAN IS TO BE REVISED AND RETAINED FOR AT LEAST THREE YEARS AFTER THE DATE OF INSPECTION.

SEEDING AND MULCHING NOTES

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE JANUARY 1, 2007 EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION... 2. SEED BED PREPARATION AND SEEDING SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 250 OF THE STANDARD SPECIFICATIONS... 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE PROJECT SEEDING AND/OR PLANTING PLAN AND ALL APPLICABLE PORTIONS OF THE STANDARD SPECIFICATIONS... 4. IN ACCORDANCE WITH SECTION 251 OF THE STANDARD SPECIFICATIONS, MULCH SHALL BE APPLIED TO ALL SEEDED AREAS WITHIN 24 HOURS FROM THE TIME OF SEEDING... 5. IDOT GLASS SEEDING MIXTURES SHALL BE APPLIED IN ACCORDANCE WITH THE SEEDING METHOD DEFINED IN ART. 252.03 OF THE STANDARD SPECIFICATIONS... SPECIAL SEEDING MIXTURES INCLUDED AS PART OF THE PLAN DOCUMENTS SHALL BE APPLIED WITH THE APPROPRIATE DOT SPECIFIED SEEDING METHODS.

PAVING NOTES

- 1. ALL PAVING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION... 2. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS AND SHALL VERIFY THE ENGINEER IMMEDIATELY BY DISCREPANCY... 3. THE OWNER WILL ENGAGE THE SERVICES OF A QUALIFIED SOIL AND MATERIALS TESTING FIRM TO PERFORM THE REQUISITE TESTING... 4. SUBGRADE PREPARATION SHALL BE IN ACCORDANCE WITH SECTION 301 OF THE STANDARD SPECIFICATIONS... 5. AGGREGATE BASE COURSE SHALL BE IN ACCORDANCE WITH SECTION 351 OF THE STANDARD SPECIFICATIONS... 6. HMA BASE COURSE SHALL BE IN ACCORDANCE WITH SECTION 355 OF THE STANDARD SPECIFICATIONS... 7. HMA BINDER AND SURFACE COURSE SHALL BE IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS... 8. PCC PAVEMENT SHALL BE IN ACCORDANCE WITH SECTIONS 420 AND 421 OF THE STANDARD SPECIFICATIONS... 9. PAINT PAVEMENT MARKING (LINES, WORDS, AND SYMBOLS) OF THE COLOR AND AT LOCATIONS SHOWN ON THE PLANS SHALL BE IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS... 10. THERMOPLASTIC PAVEMENT MARKING (LINES, WORDS AND SYMBOLS) OF THE COLOR AND AT LOCATIONS AND BASED ON IDOT DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL SHOWN ON THE PLANS SHALL BE IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS.

UNILOCK PERMEABLE PAVER NOTES

- 1. INSTALLATION OF PERMEABLE PAVERS SHALL BE PERFORMED IN ACCORDANCE WITH UNILOCK SPECIFICATIONS FOR PERMEABLE PAVERS (UNDER SEPARATE COVER). 2. PARKING LOT AND PEDESTRIAN PATH SHALL BE CONSTRUCTED IN CONFORMANCE WITH ALL REGULATIONS OF NAPERVILLE STANDARDS FOR ROADWAY AND PARKING LOT CONSTRUCTION. 3. SUBGRADE TO BE PROOF ROLLED PRIOR TO INSTALLATION OF AGGREGATE BASE COURSE. 4. ALL AREAS NOT PASSING PROOF ROLL SHALL BE UNDERGUT AND REPLACED WITH CA-1.

PREPARED FOR: NORTH CENTRAL COLLEGE 30 NORTH BRAINARD NAPERVILLE, ILLINOIS 60566 (630) 637-5100



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Table with columns: NO., DATE, DESCRIPTION, REVISIONS (NO., DATE, DESCRIPTION). Includes entries for 09-07-12/AMS REVISED PER CITY COMMENT LETTER DATED 09-04-12 and 10-02-12/KMS REVISED PER CLIENT & IN-HOUSE REVIEW.

CONSTRUCTION SPECIFICATIONS - GENERAL NOTES

PEDESTRIAN CORRIDOR

Table with columns: FILE NAME: GENNOTE, DSIGN. BY: MMW, JOB NO.: 409.025, RLD. BK./PG.: ---, SHEET NO. 2 of 11. Includes date 08-15-12 and scale 1" = ---.

NOTES FOR ACCESSIBLE PARKING SPACES

1. CURB PARKING SPACES SHALL BE AT LEAST 5 FEET WIDE, WITH A 5' WIDE ACCESSIBLE ZONE FOR A TOTAL OF 7'.
2. ADJACENT ACCESSIBLE PARKING SPACES SHALL NOT SHARE A COMMON ACCESSIBLE ZONE.
3. SPACES SHALL BE VERTICALLY ORIENTED ON A PERMANENT PAVED SURFACE AS THE CURB OR BETWEEN THE CURB AND THE ACCESSIBLE ZONE. SPACES SHALL BE HORIZONTAL FROM THE FRONT OF THE PARKING SPACE AND SET AT A MINIMUM OF 1 FOOT FROM THE THRESHOLD GRADE TO THE FRONT OF THE "RESERVED" SIGN.
4. ACCESSIBLE PARKING SPACES SHALL ALSO EXHIBIT THE WORDS "RESERVED".
5. PARKING SPACES DESIGNED FOR PERSONS WITH VISUAL IMPAIRMENTS SHALL BE IDENTIFIED BY A "V" MARKER THAT SHOWS A PARTICULAR SIDEWALK OR DRIVEWAY FOR PERSONS WITH VISUAL IMPAIRMENTS. MARKERS SHALL BE LOCATED ON THE ADJACENT SIDEWALK OR DRIVEWAY TO INDICATE THE ROUTE TO AN ACCESSIBLE ENTRANCE OF THE BUILDING.
6. IN SEPARATE PARKING STRUCTURES OR LOTS THAT DO NOT HAVE A PARTICULAR SIDEWALK OR DRIVEWAY, MARKERS FOR PERSONS WITH VISUAL IMPAIRMENTS SHALL BE LOCATED ON THE SHORTEST POSSIBLE CIRCULATION ROUTE TO AN ACCESSIBLE ENTRANCE OF THE PARKING FACILITY.

OF ACCESSIBLE SPACES REQUIRED FOR OFF-STREET PARKING

TOTAL OFF-STREET PARKING SPACES	REQUIRED MINIMUM NUMBER OF ACCESSIBLE PARKING SPACES
1-10	1
11-25	2
26-50	3
51-75	4
76-100	5
101-150	6
151-200	7
201-250	8
251-300	9
301-350	10
351-400	11
401-450	12
451-500	13
501-550	14
551-600	15
601-650	16
651-700	17
701-750	18
751-800	19
801-850	20
851-900	21
901-950	22
951-1000	23

ACCESSIBLE PARKING SPACE MARKINGS **590.35**

RESERVED PARKING

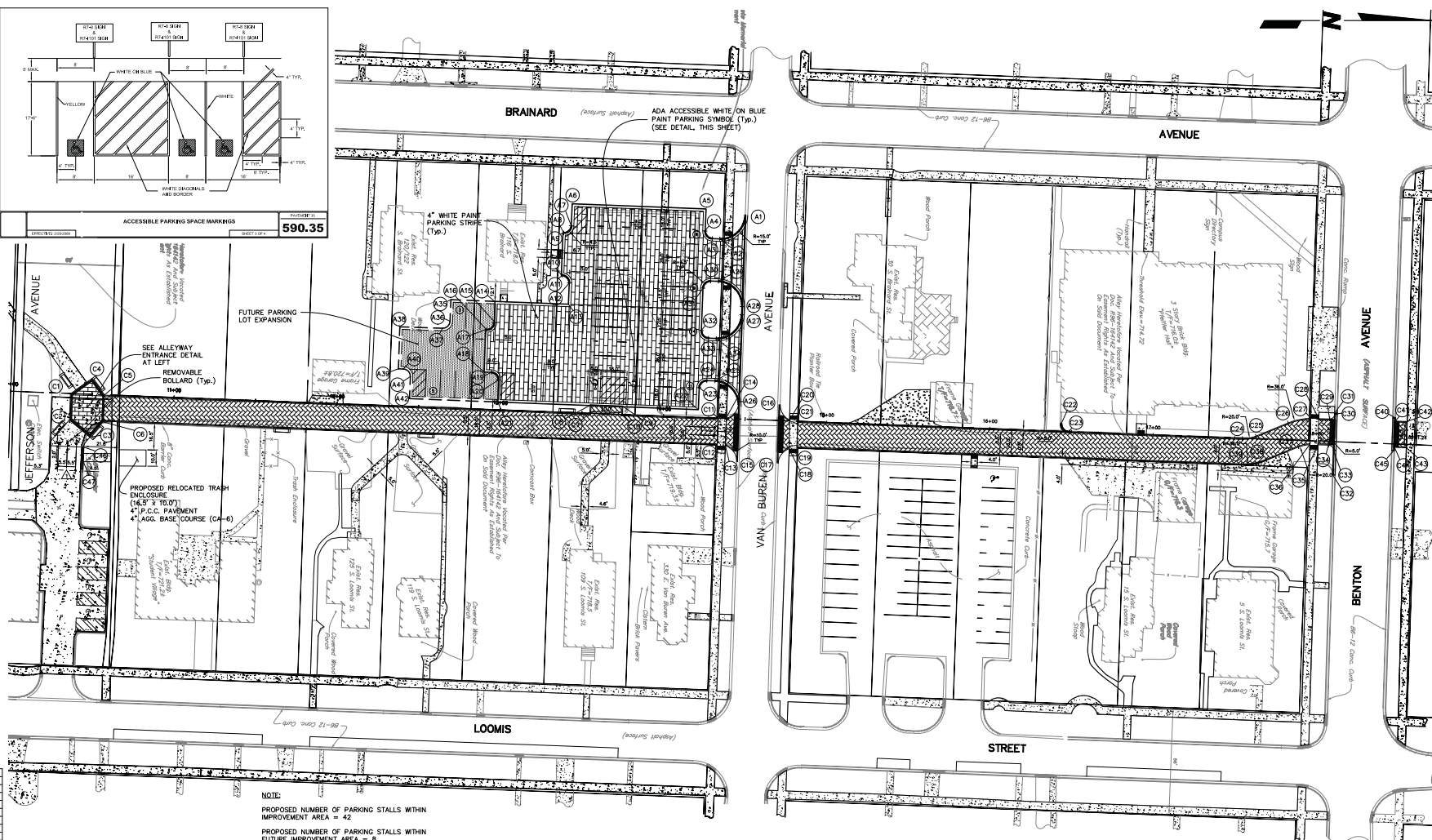
250 FINE

VAN ACCESSIBLE

ACCESSIBLE PARKING SPACE MARKINGS **590.35**

UNLOCK PATTERN ECO-PRIORA H

ALLEYWAY ENTRANCE PAVER DETAIL
(SCALE: 1"=5')



CURB RETURN

STATION	OFFSET	T/C ELEV.	
A1	14+45.33	124.78 LT.	716.07
A2	14+50.33	109.70 LT.	717.08
A3	14+25.69	109.70 LT.	717.20
A4	14+21.19	114.25 LT.	717.30
A5	14+21.19	127.70 LT.	717.50
A6	13+39.19	127.70 LT.	717.50
A7	13+39.19	114.25 LT.	717.50
A8	13+34.69	109.70 LT.	717.60
A9	13+34.19	109.70 LT.	717.60
A10	13+24.19	83.70 LT.	717.60
A11	13+34.69	83.70 LT.	717.60
A12	13+39.19	71.20 LT.	717.60
A13	13+39.19	66.25 LT.	717.60
A14	12+94.19	66.25 LT.	717.70
A15	12+94.19	53.70 LT.	717.50
A16	12+89.71	48.70 LT.	717.50
A17	12+89.19	48.70 LT.	717.50
A18	12+89.19	22.70 LT.	718.00
A19	12+89.19	18.25 LT.	718.10
A20	12+89.19	4.70 LT.	718.60
A21	12+89.19	4.70 LT.	718.67
A22	14+21.19	18.25 LT.	718.20
A23	14+25.69	22.70 LT.	717.95
A24	14+25.69	22.70 LT.	717.95
A25	14+25.69	8.90 LT.	717.50
A26	14+45.33	8.90 LT.	717.50
A27	14+45.33	63.80 LT.	716.49
A28	14+45.33	63.80 LT.	716.45
A29	14+30.49	83.70 LT.	717.22
A30	14+25.69	83.70 LT.	717.37
A31	14+21.19	79.20 LT.	717.60
A32	14+21.19	53.25 LT.	717.60

NOTE:

PROPOSED NUMBER OF PARKING STALLS WITHIN IMPROVEMENT AREA = 42

PROPOSED NUMBER OF PARKING STALLS WITHIN FUTURE IMPROVEMENT AREA = 8

CURB RETURN

STATION	OFFSET	T/C ELEV.	
A33	14+25.69	48.75 LT.	717.40
A34	14+30.51	48.75 LT.	717.20
A35	12+87.19	66.25 LT.	718.20
A36	12+87.19	53.70 LT.	718.00
A37	12+82.71	48.99 LT.	718.10
A38	12+36.58	48.47 LT.	718.60
A39	12+36.69	22.75 LT.	718.80
A40	12+39.69	22.75 LT.	718.70
A41	12+44.19	18.25 LT.	718.80
A42	12+44.19	4.75 LT.	719.20

CURB RETURN

STATION	OFFSET	E/P ELEV.	
C10	13+74.88	0.25 RT.	718.20
C11	14+33.51	0.25 RT.	718.60
C12	14+33.51	18.25 RT.	718.90
C13	14+38.51	28.50 RT.	716.70
C14	14+38.51	0.15 LT.	718.60
C15	14+45.89	26.20 RT.	716.60
C16	14+71.16	9.68 LT.	716.90
C17	14+71.29	26.28 RT.	716.90
C18	14+77.61	16.85 RT.	716.72
C19	14+80.36	16.25 RT.	718.84
C20	14+77.31	0.57 LT.	716.55
C21	14+82.21	0.25 RT.	718.70
C22	16+43.55	4.73 LT.	716.71
C23	16+48.56	0.25 RT.	716.80
C24	17+54.11	0.25 RT.	716.90
C25	17+63.03	1.57 LT.	715.27
C26	17+82.42	10.44 LT.	714.70
C27	10+57.56	16.25 RT.	718.80
C28	18+01.03	13.72 LT.	714.20
C29	18+07.66	13.70 RT.	713.85
C30	18+10.63	16.79 LT.	717.00

CURB RETURN

STATION	OFFSET	E/P ELEV.	
C31	18+10.63	17.53 LT.	717.91
C32	18+10.62	20.33 RT.	714.61
C33	18+10.71	2.51 RT.	717.90
C34	18+07.69	2.24 RT.	714.15
C35	18+01.14	2.28 RT.	714.50
C36	17+96.14	2.33 RT.	714.65
C37	17+89.08	4.17 RT.	714.95
C38	17+69.69	12.98 RT.	715.27
C39	17+54.71	16.25 RT.	715.50
C40	18+14.81	15.95 LT.	717.45
C41	18+50.32	13.98 LT.	717.97
C42	18+55.11	13.98 LT.	714.31
C43	18+55.22	2.02 RT.	714.50
C44	18+50.38	2.04 RT.	717.00
C45	18+47.89	4.05 RT.	717.47
C46	10+45.91	32.47 RT.	717.45
C47	10+45.90	41.47 RT.	717.35

PERMEABLE PAVER LEGEND

- 1. UNLOCK TOWNHALL (BURGUNDY RED/BURNED CLAY/OLD OAK) w/BLACK GRANITE CHIP VOIDS
- 2. UNLOCK ECO-OPTLOCK (MACHINE LAID, STANDARD FINISH, HERITAGE BROWN) w/STONE CHIP VOIDS
- 3. UNLOCK ECO-PRIORA (L CAMPO FINISH, HERITAGE BROWN) w/BLACK GRANITE CHIP VOIDS PLACED IN 50% LARGE SQUARE, 50% RECTANGLE PATTERN (UNLOCK ECO-PRIORA H) (SEE ALLEYWAY ENTRANCE DETAIL AT LEFT FOR LAYOUT WITH SOLDIER COURSE AND PEDESTRIAN PATH DETAIL ON SHEET 11 FOR PAVEMENT CROSS-SECTION INFORMATION)

CURB DIMENSION NOTES

1. ALL CURB DIMENSIONS ARE BACK OF CURB TO BACK OF CURB
2. CURB ALONG BUILDINGS DIMENSIONED FROM BACK OF CURB TO FACE OF BUILDING.
3. ALL PARKING STALLS ADJACENT TO ISLANDS ARE 9.5' WIDE ALL OTHER STALLS ARE 9.0' WIDE (TYP.)
4. ALL HANDICAP PARKING STALLS ADJACENT TO ISLANDS ARE 16.5' WIDE ALL OTHER HANDICAP STALLS ARE 16.0' WIDE (TYP.)

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REVISIONS

NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	09-07-12/KMS	REVISED PER CITY COMMENT LETTER DATED 09-04-12			
2	10-02-12/KMS	REVISED PER CLIENT & IN-HOUSE REVIEW			

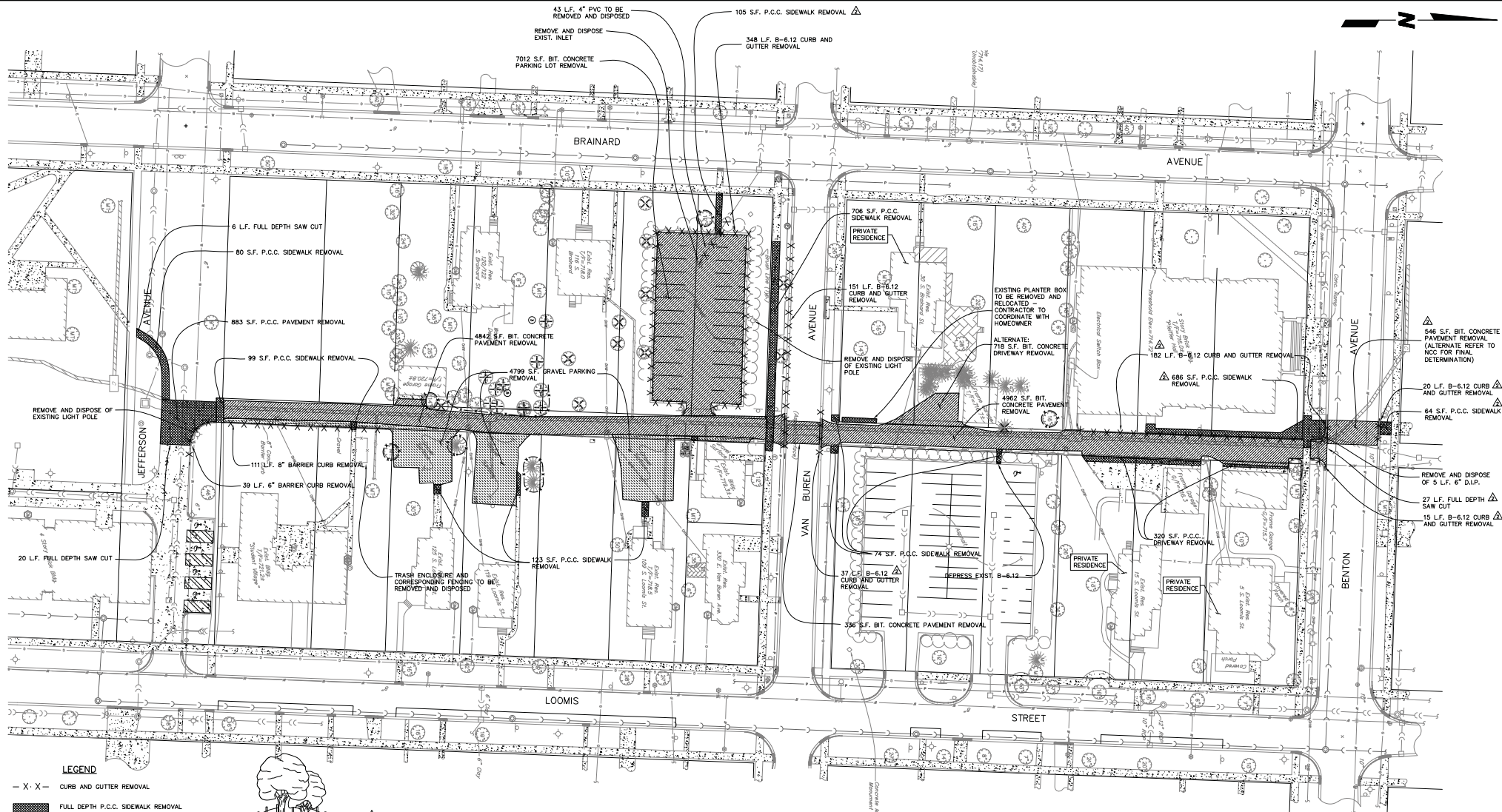
GEOMETRIC PLAN

PEDESTRIAN CORRIDOR

FILE NAME: OVR_UTIL DIR: 409029 DSN. BY: MMW DRN. BY: KMS JOB NO.: 409.025 DATE: 08-15-12 FLD. BK./PG.: --- SCALE: 1" = 30' SHEET NO. 3 of 11

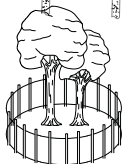
DATE PLOTTED: 08/15/12 10:43 AM

TAB: 03-GE0 XREF: OVERALL Copyright © 2012 Cemcon, Ltd. All rights reserved.



LEGEND

- X - CURB AND GUTTER REMOVAL
- [Thick black line] FULL DEPTH P.C.C. SIDEWALK REMOVAL
- [Hatched area] FULL DEPTH BIT. CONCRETE PAVEMENT REMOVAL
- [Dotted area] GRAVEL PAVEMENT REMOVAL
- [Cross-hatched area] TREES TO BE REMOVED (12 TREES)
- [Circle with cross] TREES TO BE REMOVED (11 TREES) FOR FUTURE PARKING LOT EXPANSION
- [Circle with dot] TREE PROTECTION



NOTE: INSTALL PROTECTIVE FENCING TO A MINIMUM HEIGHT OF 4'-0". FENCING SHALL BE POSITIONED SUCH THAT DRIP LINE OF TREE IS PROTECTED.

DEMOLITION NOTES:

1. ALL P.C.C. SIDEWALK TO BE REMOVED BACK TO THE NEAREST EXPANSION JOINT
2. ALL MATERIAL FROM PAVEMENT, CURB AND SIDEWALK MATERIALS TO BE REMOVED AND DISPOSED OFF-SITE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS.
3. DEMOLITION AND ALL CONSTRUCTION ACTIVITIES MUST BE COORDINATED WITH THE THREE EXISTING RESIDENTS NORTH OF VAN BUREN AVE.
4. THE CITY OF NAPERVILLE SHALL BE NOTIFIED PRIOR TO START OF ANY WORK IN THE ROW.

PROTECTIVE FENCING

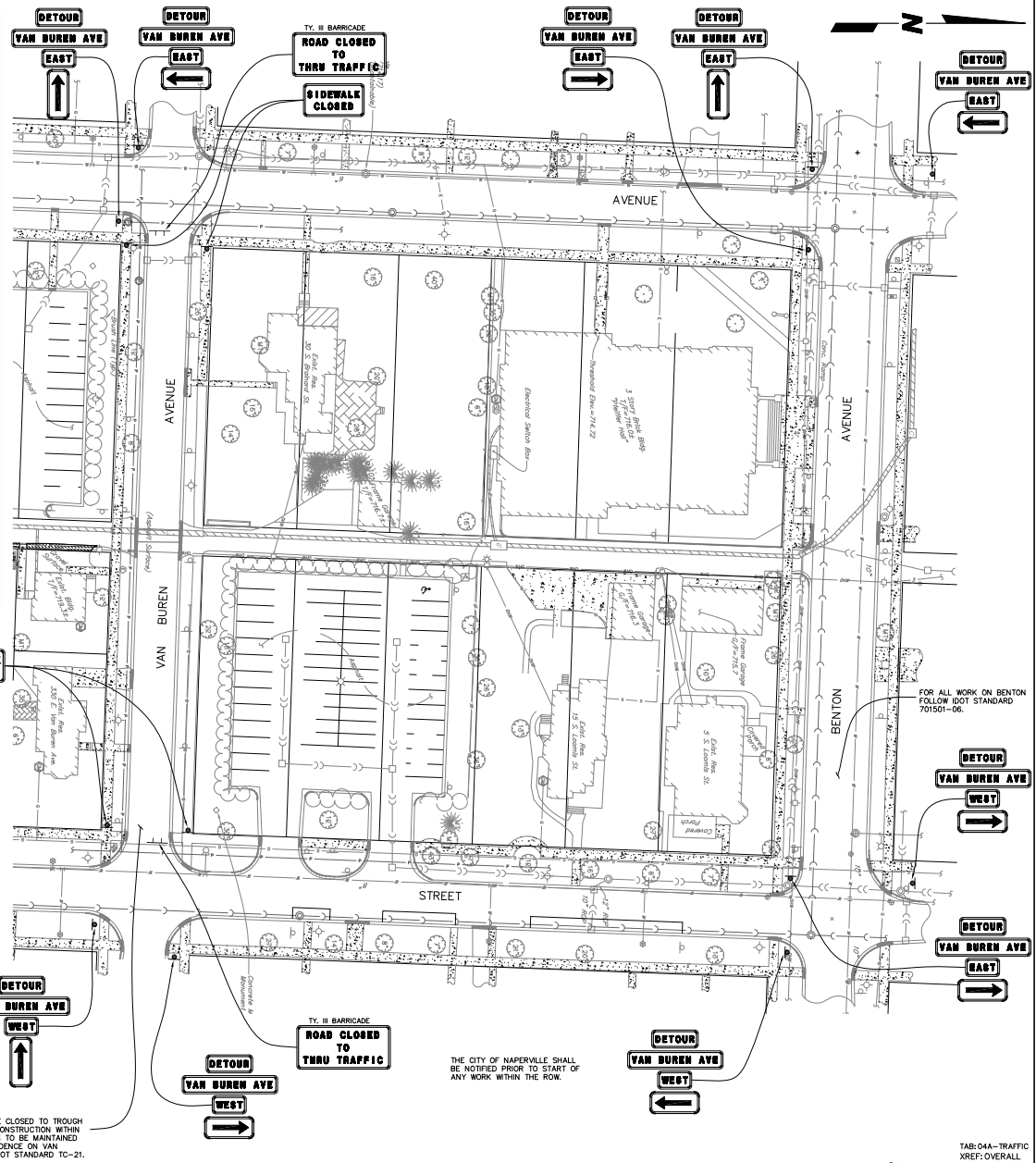
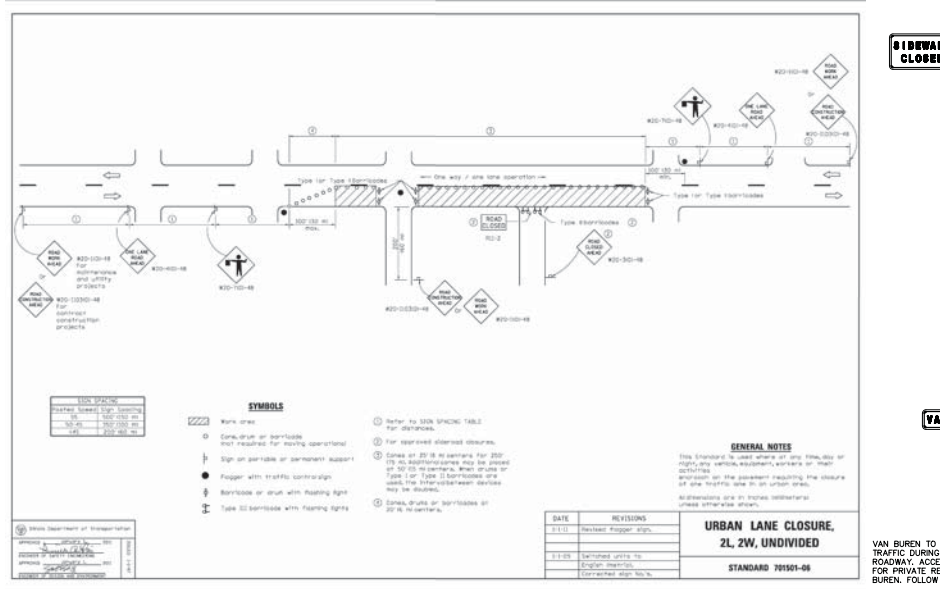
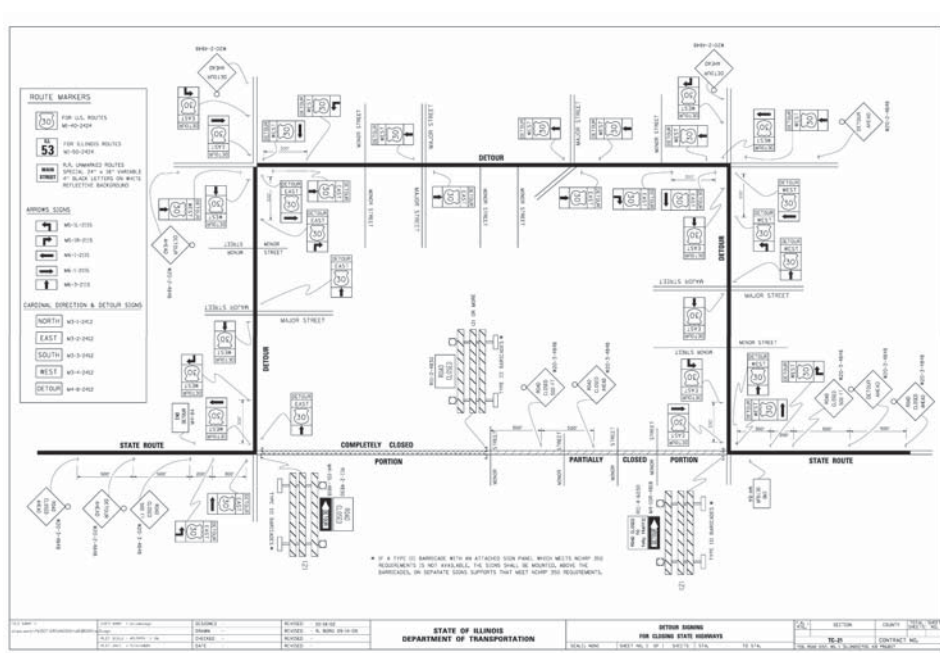
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DEMOLITION PLAN					
PEDESTRIAN CORRIDOR					
FILE NAME: OVR_UTIL	DSGN. BY: MWM	JOB NO.: 409.025	FLD. BK./PG.: ---	SHEET NO. 4 of 11	
DIR: 409025	DRN. BY: KMS	DATE: 08-15-12	SCALE: 1" = 30'		



VAN BUREN TO BE CLOSED TO TROUGH TRAFFIC DURING CONSTRUCTION WITHIN ROADWAY. ACCESS TO BE MAINTAINED FOR PRIVATE RESIDENCE ON VAN BUREN. FOLLOW IDOT STANDARD TC-21.

FOR ALL WORK ON BENTON FOLLOW IDOT STANDARD 701501-06.

THE CITY OF NAPERVILLE SHALL BE NOTIFIED PRIOR TO START OF ANY WORK WITHIN THE ROW.

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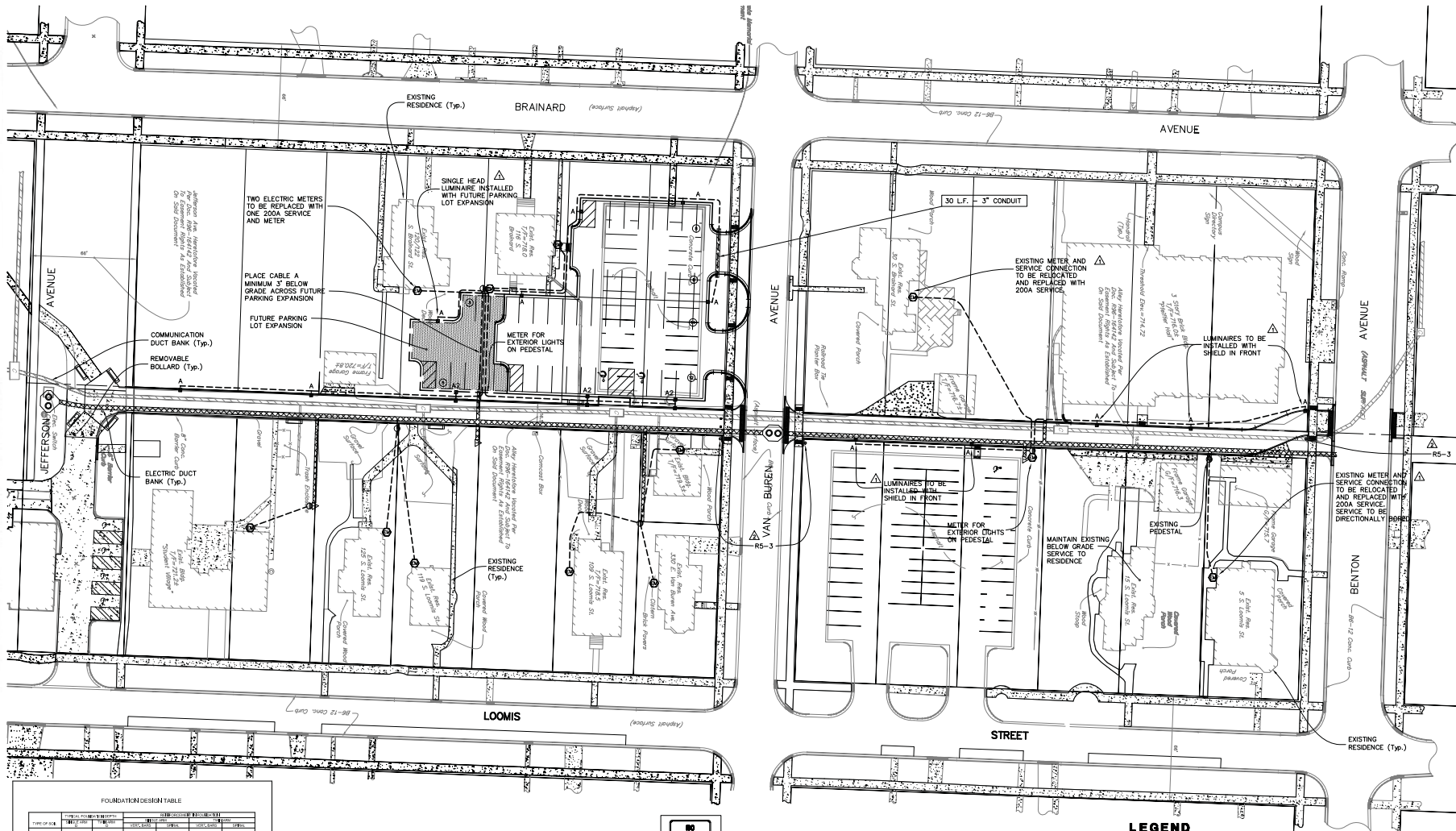
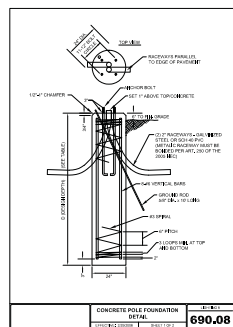
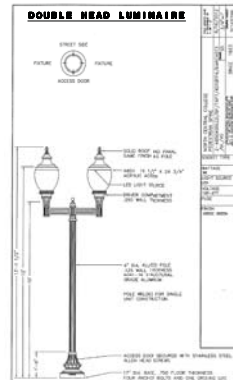
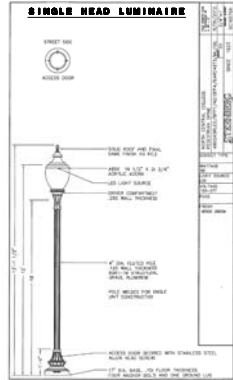
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Δ	09-07-12/KMS	REVISED PER CITY COMMENT LETTER DATED 09-04-12		

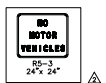
TRAFFIC CONTROL PLAN				
PEDESTRIAN CORRIDOR				
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DIR: 409025	DRN. BY: KMS	DATE: 08-15-12	SCALE: 1" = 30'	4A of 11



FOUNDATION DESIGN TABLE

TYPE OF SOIL	TYPE OF FOUNDATION	MINIMUM DEPTH (FEET)	MINIMUM WIDTH (INCHES)	MINIMUM AREA (SQ. FEET)	MINIMUM PERIMETER (FEET)
SOFT CLAY	12"	12"	8.00 (203)	95.00	95.00
MEDIUM CLAY	24"	18"	8.00 (203)	95.00	95.00
STIFF CLAY	36"	18"	8.00 (203)	95.00	95.00
LOOSE SAND	12"	12"	8.00 (203)	95.00	95.00
MEDIUM SAND	24"	12"	8.00 (203)	95.00	95.00
STIFF SAND	36"	12"	8.00 (203)	95.00	95.00
GRAVEL	12"	12"	8.00 (203)	95.00	95.00
GRAVEL	24"	12"	8.00 (203)	95.00	95.00
GRAVEL	36"	12"	8.00 (203)	95.00	95.00

POLE FOUNDATION DETAIL
690.08



- NOTES:**
1. CONTRACTOR TO COORDINATE SERVICE INSTALLATIONS WITH EXISTING RESIDENCES.
 2. WIRING SIZES AND LENGTHS TO BE DETERMINED BY ELECTRICAL CONTRACTOR.
 3. ALL PROPOSED LIGHT POLES TO BE CONTROLLED BY PHOTOCELL(S).
 4. CONTRACTOR TO COORDINATE WITH NAPERVILLE ELECTRIC AND FOLLOW ALL NAPERVILLE ELECTRIC COMMERCIAL STANDARDS FOR NCC PROPERTIES AND THE RESIDENTIAL STANDARDS FOR THE THREE EXISTING RESIDENCES.
 5. ALL SERVICES TO BE PLACED A MINIMUM OF 24" BELOW GRADE.

LEGEND

SYMBOL	DESCRIPTION
—■—	SINGLE HEAD LUMINAIRE
—■—A2	DOUBLE HEAD LUMINAIRE
○	PEDESTAL
⊕	TRANSFORMER
⊕	ELECTRIC METER
—/—/—	CONDUIT CROSSING
—/—/—	ELECTRIC ROUTE
—/—/—	DUCT BANK (ELECTRIC)
—/—/—	DUCT BANK (COMMUNICATION)

TAB:05-LIGHT
 XREF:OVERALL
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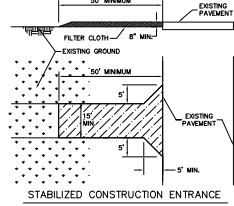
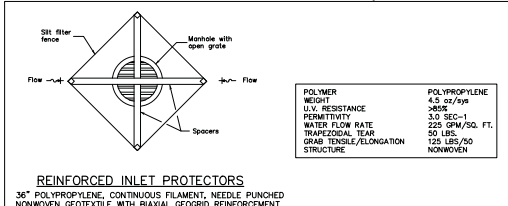
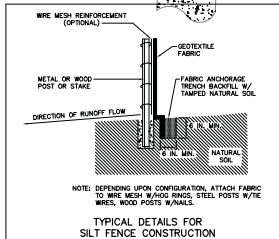
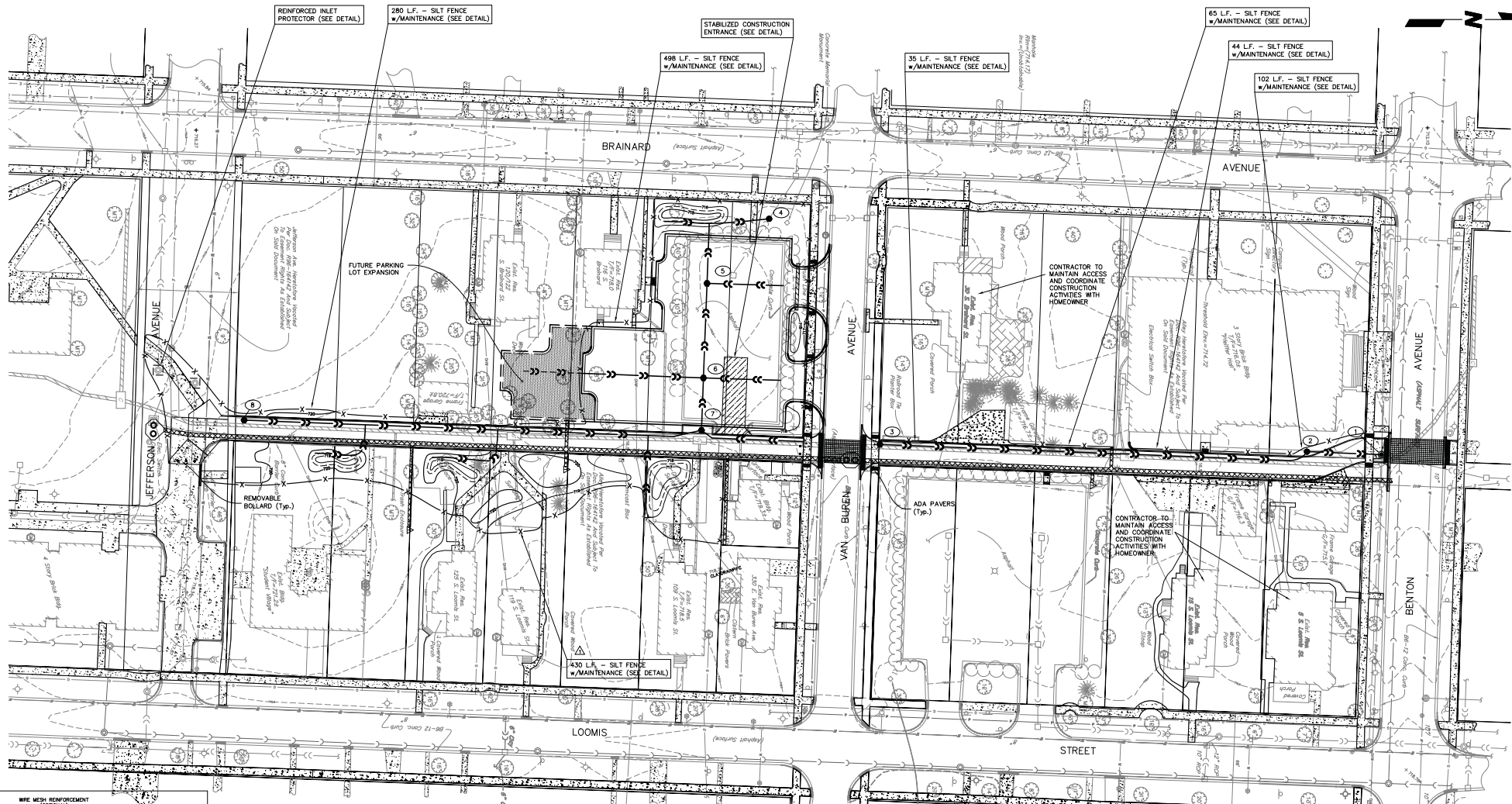
PREPARED FOR:
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 30 NORTH BRAINARD
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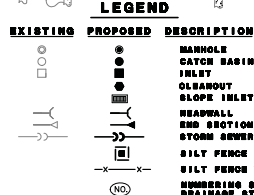
NO.		DATE	DESCRIPTION	REVISIONS	
▲	09-07-12/KMS	REVISED PER CITY COMMENT LETTER DATED 09-04-12			
▲	10-02-12/KMS	REVISED PER CLIENT & IN-HOUSE REVIEW			

ELECTRIC ROUTING AND LIGHTING PLAN
PEDESTRIAN CORRIDOR

FILE NAME: OVR_UTIL	DSGN. BY: MMW	JOB NO.: 409.025	FLD. BK./PG.: ---	SHEET NO.
DIR: 409025	DRN. BY: KMS	DATE: 08-15-12	SCALE: 1" = 30'	5 of 11



- CONSTRUCTION ENTRANCE SPECIFICATIONS**
1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
 2. THICKNESS - NOT LESS THAN (8) INCHES.
 3. FILTER CLOTH - SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 4. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANUP OF ANY DAMAGES USED TO STOP SEDIMENT. ALL SEDIMENT SHALL BE DUMPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 5. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 6. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



FINAL STABILIZATION

1. ALL NON-PAVEMENT AREAS TO HAVE A MINIMUM 6" OF TOPSOIL EXCEPT RAIN GARDENS.
2. REFER TO RAIN GARDEN DETAIL ON SHEET 11 FOR SOIL MIX.
3. REFER TO LANDSCAPE PLANS FOR FINAL SEEDING AND PLANT MATERIAL.

PREPARED FOR:
 NORTH CENTRAL COLLEGE
 30 NORTH BRAINARD
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NO.		DATE	DESCRIPTION	REVISIONS	
1	09-07-12	AMS	REVISED PER CITY COMMENT LETTER DATED 09-04-12		

EROSION CONTROL PLAN					
PEDESTRIAN CORRIDOR					
FILE NAME: OVR_UTIL	DSGN. BY: MMW	JOB NO.: 409.025	FLD. BK./PG.: ---	SHEET NO.	
DIR: 409025	DRN. BY: KMS	DATE: 08-15-12	SCALE: 1" = 30'	6 of 11	

TAB:06-SOLLEROI
 XREF:OVERALL
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STORMWATER POLLUTION PREVENTION PLAN

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES GENERAL PERMIT NUMBER ILR03, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORMWATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

THE PERMITTEE MUST COMPLY WITH ALL CONDITIONS OF THE GENERAL PERMIT. ANY PERMIT NO-COMPLIANCE CONSTITUTES A VIOLATION OF THE ILLINOIS ENVIRONMENTAL PROTECTION ACT AND THE CLEAN WATER ACT AND IS GROUNDS FOR ENFORCEMENT ACTION, FOR PERMIT TERMINATION, REVOCATION AND RESCINDANCE, OR MODIFICATION, OR FOR ISSUANCE OF A PERMIT REVENUE APPLICATION.

1. SITE DESCRIPTION
A. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN:

THE CONSTRUCTION OF SITE INFRASTRUCTURE IMPROVEMENTS TO SERVE NEW INSTITUTIONAL DEVELOPMENT, INCLUDING STORM SEWERS, ELECTRIC SERVICES, DEMOLITION OF EXISTING PARKING LOT AND ALLEYS, CONSTRUCTION OF A NEW PERMEABLE PAVING PARKING LOT AND ALLEYWAY, SIDEWALKS, STREET LIGHTING, EROSION AND SEDIMENTATION CONTROL MEASURES, AND VEGETATIVE STABILIZATION AND BEST MANAGEMENT PRACTICES.

B. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

- (1) EROSION AND SEDIMENTATION CONTROL MEASURES SUCH AS EROSION CONTROL FENCE, STABILIZED CONSTRUCTION ACCESS, TEMPORARY SEEDING, ETC.
(2) DEMOLITION
(3) TORSION, RESURFACING AND VEGETATIVE STABILIZATION
(4) FINE GRADING AND CONSTRUCTION OF STRAIT PAVEMENT
(5) TORSION, RESURFACING AND VEGETATIVE STABILIZATION

C. THE TOTAL AREA OF THE PROJECT IS ESTIMATED TO BE APPROXIMATELY 2 ACRES. THE TOTAL AREA OF THE PROJECT ESTIMATED TO BE DISTURBED BY EXCAVATION, GRADING, OR OTHER ACTIVITIES IS APPROXIMATELY 2 ACRES.
D. THE ESTIMATED RUNOFF CURVE NUMBER OF THE PROJECT SITE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED IS 70. INFORMATION DESCRIBING THE SOILS AT THE PROJECT IS CONTAINED IN THE SOILS REPORTS FOR THE PROJECT ON FILE WITH THE OWNER/DEVELOPER.

E. THESE PLAN DOCUMENTS CONTAIN SITE MAP(S) INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER MAJOR GRADING ACTIVITIES, AREAS OF MAJOR SOIL DISTURBANCE, THE LOCATION OF MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS IDENTIFIED IN THE PLAN, THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS (INCLUDING WETLAND), AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO A SURFACE WATER.
F. THE IMMEDIATE RECEIVING WATER IS ON-SITE STORM SEWER SYSTEM WHICH IS TRIBUTARY TO THE WEST BRANCH DUPAGE RIVER.

2. CONTROLS
THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN 1.3 ABOVE. FOR EACH MEASURE DISCUSSED, THE CONTRACTORS AND SUB-CONTRACTOR WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. EACH SUCH CONTRACTOR OR SUB-CONTRACTOR MUST SIGN THE REQUIRED CERTIFICATION ON THIS PLAN.

A. EROSION AND SEDIMENT CONTROLS
(1) STABILIZATION PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE-SPECIFIC DISTURBANCE OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENFORCE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. EXCEPT AS PROVIDED IN 2.A.(1)(A) AND 2.B, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED AND WHERE THE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.

(A) WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.
(B) WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN THE ACTIVITIES CEASED (E.G. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 21 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED.

THE FOLLOWING INTERIM AND PERMANENT STABILIZATION PRACTICES, AS A MINIMUM, WILL BE IMPLEMENTED TO STABILIZE THE DISTURBED AREA OF THE SITE*
HORDED, MULCH, PLUGS, AND LANDSCAPING
REPAIR AND PERMANENT SEEDING, SOILING, VEGETATIVE CHANNELS, VEGETATIVE FILTER, ETC. SHALL BE MAINTAINED PERIODICALLY AND SUPPLY ISOLATE WATERING AND IRRIGATION. THE VEGETATIVE COVER SHALL BE REMOVED AND RESEED AS NECESSARY.

(2) STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORM FLOWS OR OTHERWISE LIMIT RUNOFF AND DISCHARGE AND POLLUTION FROM EXPOSED AREAS OF THE SITE. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.*

SILT FENCE
STABILIZED CONSTRUCTION ENTRANCE
(1) BEST MANAGEMENT PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF THE BEST MANAGEMENT PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO REDUCE EXCESSIVE SOLIDS, TURBIDITY, SILTATION, AND POLLUTION IN STORMWATER RUNOFF.

PERMEABLE PAVEMENT
VEGETATED SWALES
NATIVE SEEDING ON SLOPES
CATCH BASINS
LANDSCAPED BUFFERS

B. STORMWATER MANAGEMENT
PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORMWATER DISCHARGE THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

(1) THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE IN SECTION 100-300 (DESIGN CONSIDERATIONS) IN CHAPTER 100 (EROSION AND SEDIMENTATION CONTROL) OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION DRAINAGE MANUAL AND THE ILLINOIS URBAN MANUAL (JANUARY 2002 VERSION).

(2) VELOCITY DISCHARGE DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A DISCHARGE RATE THAT WILL MAINTAIN A STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G., MAINTENANCE OF HYDRAULIC CONDITIONS, SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

STORMWATER MANAGEMENT CONTROL INCLUDES: *
STORM WATER DETENTION STRUCTURES WITH RESTRICTOR
CATCH BASINS
FLOW ATTENUATION VIA VEGETATED SWALES
ON-SITE INFILTRATION OF RUNOFF
REGULATED STORMWATER TREATMENT
OPEN VENTILATED SWALES

C. OTHER CONTROLS
(1) WASTE DISPOSAL: THE SOLID WASTE INCLUDING WASTE, TRASH, CONSTRUCTION DEBRIS, EXCESS CONSTRUCTION MATERIALS, MAGNETRY, TOOLS AND OTHER ITEMS WILL BE COLLECTED AND DISPOSED OFF-SITE BY THE CONTRACTOR. THE CONTRACTOR OR IS RESPONSIBLE TO ACQUIRE ANY PERMIT REQUIRED FOR SUCH DISPOSAL. BURNING ON THE SITE WILL NOT BE PERMITTED. SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL NOT BE DISCHARGED INTO WATERS OF THE STATE.

(2) THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.

D. APPROVED STATE OR LOCAL PLANS
THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH DOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, 2002. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION SITE PLANS OR SITE PERMITS OR STORM WATER REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION SITE PLANS OR SITE PERMITS OR STORM WATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NO TO BE AUTHORIZED TO DISCHARGE UNDER PERMIT INTO INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

*REFER TO LISTED PLAN SHEETS FOR SPECIFIC MATERIALS AND CONSTRUCTION DETAILS
PLAN SHEET NAMES:
CONSTRUCTION SPECIFICATIONS
STORMWATER POLLUTION PREVENTION PLAN
OVERALL SOIL EROSION, SEDIMENTATION CONTROL PLAN AND DETAILS
DRAINAGE AND GRADING PLANS
DRAINAGE STRUCTURE DETAILS

3. MAINTENANCE
THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN IN GOOD AND EFFECTIVE OPERATING CONDITIONS, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN.

A. STABILIZED CONSTRUCTION ENTRANCE: THE ENTRANCE SHALL BE MAINTAINED TO PREVENT BRACING OF SEDIMENT INTO PUBLIC STREETS. THIS WILL BE DONE BY TOP DRESSING WITH ADDITIONAL STONES, REMOVE AND REPLACE TOP LAYER OF STONES OR WASHING THE ENTRANCE. THE SEDIMENT WASHED INTO THE PUBLIC RIGHT-OF-WAY SHALL BE REMOVED IMMEDIATELY.

B. VEGETATIVE EROSION CONTROL MEASURES: THE VEGETATIVE GROWTH TEMPORARY AND PERMANENT SEEDING, SOILING, VEGETATIVE CHANNELS, VEGETATIVE FILTER, ETC. SHALL BE MAINTAINED PERIODICALLY AND SUPPLY ISOLATE WATERING AND IRRIGATION. THE VEGETATIVE COVER SHALL BE REMOVED AND RESEED AS NECESSARY.

C. SILT FILTER FENCE: THE DAMAGED SILT FILTER FENCE SHALL BE INSTALLED, MAINTAINED, RESTORED, OR REPLACED TO MEET THE STANDARDS IDENTIFIED HEREIN.

D. STRAW BALE BARRIER FILTERS: THE STRAW BALE BARRIER FILTER SHALL BE INSPECTED FREQUENTLY AND SHALL BE RESTORED OR REMOVED AND REPLACED AS NEEDED.

4. INSPECTIONS
THE OWNER OR HIS DESIGNATED REPRESENTATIVE SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT DESIGNATED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT BEEN STABILIZED WITH TEMPORARY OR PERMANENT VEGETATION. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OF EQUIVALENT SNOWFALL.

A. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHILE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.

B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION 1 ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION 2 ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.

C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND IDENTIFICATION OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE STORMWATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION 4.8 SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V. D OF THE GENERAL PERMIT.

D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE INSPECTION, THE GENERAL PERMITTEE, THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE (ON)" REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSE OF NONCOMPLIANCE, AND A STATEMENT ESTABLISHING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART V. G OF THE GENERAL PERMIT. THE REPORT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
17TH FLOOR COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
SPRINGFIELD, ILLINOIS 62794-9276

5. NON-STORMWATER DISCHARGES
EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORMWATER THAT MAY BE COMBINED WITH STORMWATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN, ARE DESCRIBED BELOW:

- 1. WATERMAIN FLUSHING
2. WATERING FOR DUST CONTROL
4. IRRIGATION DRAINAGE FOR VEGETATIVE GROWTH FOR SEEDING, ETC.

THE POLLUTION PREVENTION MEASURES AS DESCRIBED BELOW WILL BE IMPLEMENTED FOR NON-STORMWATER COMPONENTS OF THE DISCHARGE:

THE FIRE HYDRANT AND WATERMAIN SHALL NOT BE FLUSHED DIRECTLY ON THE EXPOSED AREA OR SUBGRADE OF THE PAVEMENT. HOSES SHALL BE USED TO DIRECT THE FLOW INTO THE STORM SEWER SYSTEM, IF AVAILABLE.

THE EROSION DUE TO IRRIGATION OF SEEDING AND DUST CONTROL SHALL BE COLLECTED AND RE-Spread ON SITE. TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES SHALL BE IMPLEMENTED AS NECESSARY TO CONTROL FUTURE EROSION FROM AREAS PREVIOUSLY ERODED DUE TO IRRIGATION OF SEEDING AND DUST CONTROL.

ALL SITE DE-WATERING, INCLUDING PUMP DISCHARGE, MUST PASS THROUGH THE PROPER STRUCTURAL PRE-SEDIMENTATION BASINS OR EQUAL STRUCTURAL CONTROLS BEFORE LEAVING THE SITE.

6. PLAN REVIEW
THE PERMITTEE SHALL MAKE PLANS AVAILABLE UPON REQUEST FROM THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) OR A LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, GRADING PLANS, OR STORM WATER MANAGEMENT PLANS; OR IN THE CASE OF A STORM SEWER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY WHICH DISCHARGES THROUGH A MUNICIPAL SEPARATE STORM SYSTEM WITH AN NPDES PERMIT, TO THE MUNICIPAL OPERATOR OF THE SYSTEM.

THE IEPA MAY NOTIFY THE PERMITTEE AT ANY TIME THAT THE PLAN DOES NOT MEET ONE OR MORE OF THE MINIMUM REQUIREMENTS OF PART IV OF THE GENERAL PERMIT. SUCH NOTIFICATION SHALL IDENTIFY THOSE PROVISIONS OF THE PERMIT WHICH ARE NOT BEING MET BY THE PLAN, AND IDENTIFY WHICH PROVISIONS OF THE PLAN REQUIRES MODIFICATIONS IN ORDER TO MEET THE MINIMUM REQUIREMENTS OF PART IV. OF THE GENERAL PERMIT. WITHIN SEVEN (7) DAYS FROM THE RECEIPT OF THE NOTIFICATION FROM THE IEPA, THE PERMITTEE SHALL MAKE THE REQUIRED CHANGES TO THE PLAN AND SHALL SUBMIT TO THE IEPA A WRITTEN CERTIFICATION THAT THE REQUIRED CHANGES HAVE BEEN MADE. FAILURE TO COMPLY SHALL TERMINATE AUTHORIZATION UNDER THE GENERAL PERMIT.

7. AMENDMENTS
THE PERMITTEE SHALL AMEND THE PLAN WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE, WHICH HAS SIGNIFICANT EFFECT ON THE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS TO THE WATERS OF THE STATE AND WHICH HAS NOT OTHERWISE BEEN ADDRESSED IN THE PLAN OR IF THE PLAN PROVES TO BE INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS FROM THE SOURCE IDENTIFIED UNDER 2. (CONTROLS) ABOVE, OR OTHERWISE ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION SITE ACTIVITY. IN ADDITION, THE PLAN SHALL BE AMENDED TO IDENTIFY ANY NEW CONTRACTOR AND/OR SUBCONTRACTOR THAT WILL IMPLEMENT A MEASURE OF THE PLAN. AMENDMENTS TO THE PLAN MAY BE REVIEWED BY THE IEPA IN THE SAME MANNER AS A PLAN REVIEW ABOVE.

8. RECORDS
THE PERMITTEE SHALL RETAIN COPIES OF THE PLAN AND ALL REPORTS AND NOTICES REQUIRED BY THE GENERAL PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THE GENERAL PERMIT, FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED. THE PERIOD MAY BE EXTENDED BY THE REQUEST OF THE IEPA AT ANY TIME.

THE PERMITTEE SHALL RETAIN A COPY OF THE PLAN REVISED BY THE GENERAL PERMIT AT THE CONSTRUCTION SITE FROM THE DATE OF THE PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.

9. CONTRACTORS
THIS PLAN REQUIRES IDENTIFICATION FOR EACH MEASURE IN THE PLAN, THE CONTRACTOR(S) OR SUBCONTRACTOR(S) THAT WILL IMPLEMENT THE IDENTIFIED MEASURE.

CONTRACTOR(S): _____
ADDRESS: _____
PHONE: _____

MEASURES IMPLEMENTED: _____

SUB-CONTRACTOR(S): _____
ADDRESS: _____
PHONE: _____

MEASURES IMPLEMENTED: _____

SUB-CONTRACTOR(S): _____
ADDRESS: _____
PHONE: _____

MEASURES IMPLEMENTED: _____

ALL CONTRACTORS AND SUB-CONTRACTORS IDENTIFIED ABOVE SHALL SIGN THE FOLLOWING CERTIFICATION STATEMENT BEFORE CONDUCTING ANY PROFESSIONAL SERVICE AT THE IDENTIFIED SITE. SIGNATURES SHALL BE PROVIDED BY A RESPONSIBLE CORPORATE OFFICER:

CERTIFICATION STATEMENT: I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR00000) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

CONTRACTOR: _____ DATE: _____
SIGNATURE: _____

CONTRACTOR: _____ DATE: _____
SIGNATURE: _____

SUB-CONTRACTOR: _____ DATE: _____
SIGNATURE: _____

SUB-CONTRACTOR: _____ DATE: _____
SIGNATURE: _____

SUB-CONTRACTOR: _____ DATE: _____
SIGNATURE: _____

SUB-CONTRACTOR: _____ DATE: _____
SIGNATURE: _____

SUB-CONTRACTOR: _____ DATE: _____
SIGNATURE: _____

SUB-CONTRACTOR: _____ DATE: _____
SIGNATURE: _____

SUB-CONTRACTOR: _____ DATE: _____
SIGNATURE: _____

SUB-CONTRACTOR: _____ DATE: _____
SIGNATURE: _____

SUB-CONTRACTOR: _____ DATE: _____
SIGNATURE: _____

SUB-CONTRACTOR: _____ DATE: _____
SIGNATURE: _____

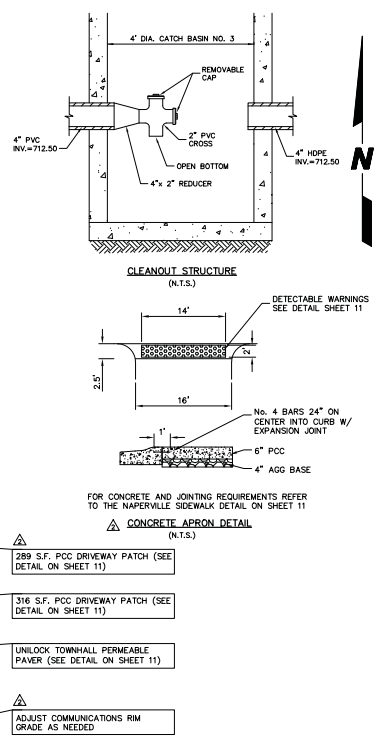
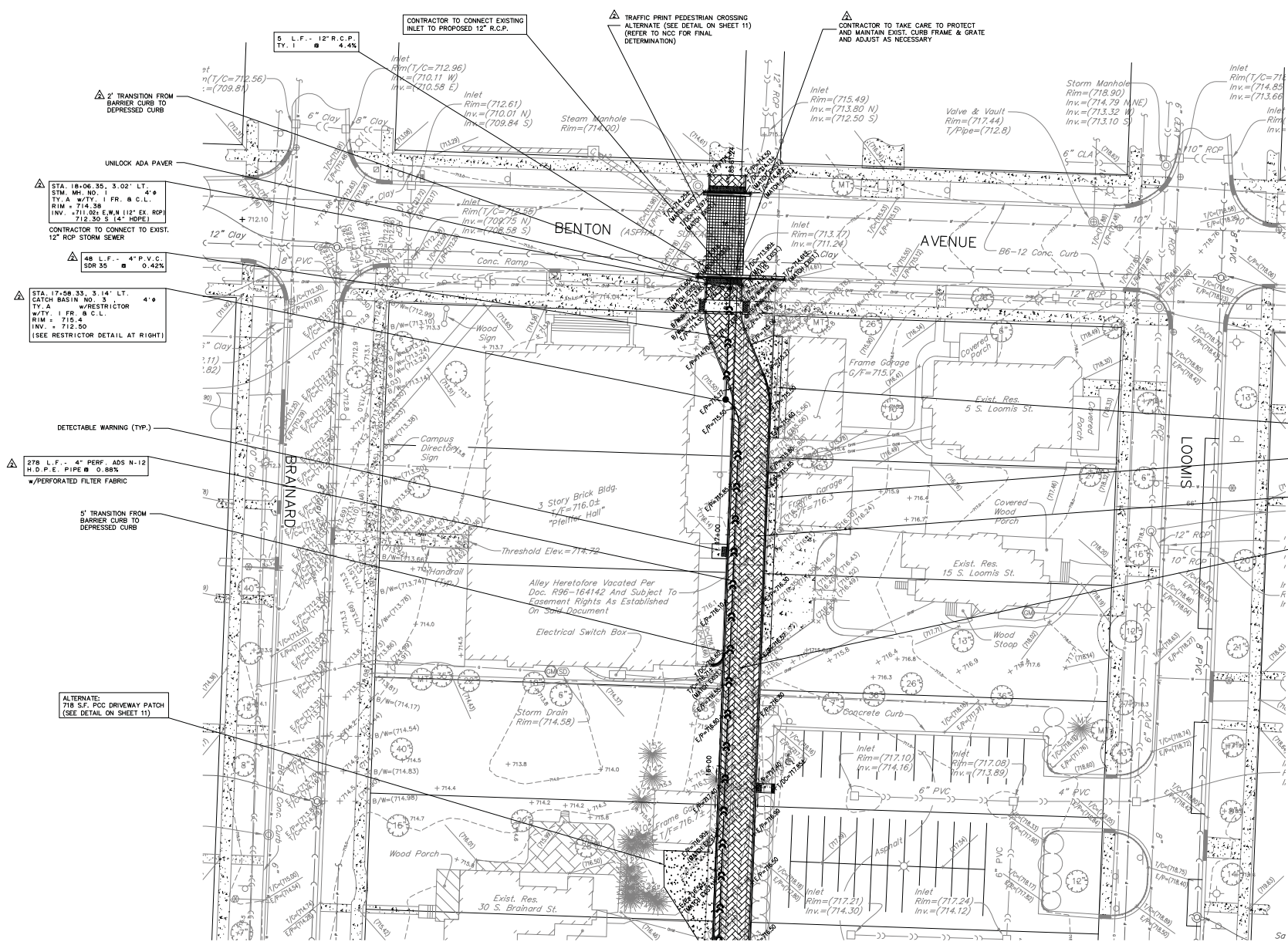
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SIGNATURE: _____

Table with 4 columns: NO., DATE, DESCRIPTION, REVISIONS. Includes a grid for tracking changes to the plan.

PREPARED FOR: NORTH CENTRAL COLLEGE, 30 NORTH BRINNARD, NAPERVILLE, ILLINOIS 60566, (630) 637-5100
PREPARED BY: CEMCON, Ltd., Consulting Engineers, Land Surveyors & Planners, 2280 White Oak Circle, Suite 100, Naperville, Illinois 60563-9675, Ph: 630.862.2100, Fax: 630.862.2199, E-Mail: codd@cemcon.com, Website: www.cemcon.com

STORMWATER POLLUTION PREVENTION PLAN
PEDESTRIAN CORRIDOR
FILE NAME: OVR_UTL1 DSGN. BY: MMW JOB NO.: 409.025 FLD. BK./PG.: --- SHEET NO. 7 of 11
DIR: 409025 DRN. BY: KMS DATE: 08-15-12 DATE: 08-15-12 SCALE: 1" = 30'

SOIL PROTECTION CHART: A grid showing stabilization practices (SILT FENCE, SILT BARRIERS, VEGETATED SWALES, etc.) for various dates from JAN to DEC.



LEGEND

EXISTING	PROPOSED	DESCRIPTION
○	●	MANHOLE
○	●	CATCH BASIN
○	●	INLET
○	●	CLEANOUT
○	●	SLOPE INLET BOX
○	●	HEADWALL
○	●	END SECTION
○	●	STORM DRAIN
○	●	SANITARY DRAIN
○	●	WATERMETER
○	●	VALVE & BOX
○	●	WATER VALVE (UNLESS OTHERWISE NOTED)
○	●	WATER VALVE IN VAULT
○	●	FIRE HYDRANT
○	●	CONTOUR
○	●	ELEVATION
○	●	STREET LIGHT
○	●	WATERMAIN PROTECTION
○	●	OVERFLOW ROUTE
○	●	DEGRADED ADA BRIDGE BRANULAR TRENCH (SEE DETAIL 11) REQUIRED.
○	●	SILT FENCE INLET PROTECTOR OR FILTER FABRIC INLET PROTECTION
○	●	INDICATED SURFACE PATCH 8'-6" TO CURB AND OUTTER.
○	●	INDICATES DEPRESSED 8'-6" TO CURB AND OUTTER.
○	●	INDICATES RIMBOW CURB

SEE SHEET 9

PREPARED FOR:
 NORTH CENTRAL COLLEGE
 30 NORTH BRAINARD
 NAPERVILLE, ILLINOIS 60566
 (630) 637-5100

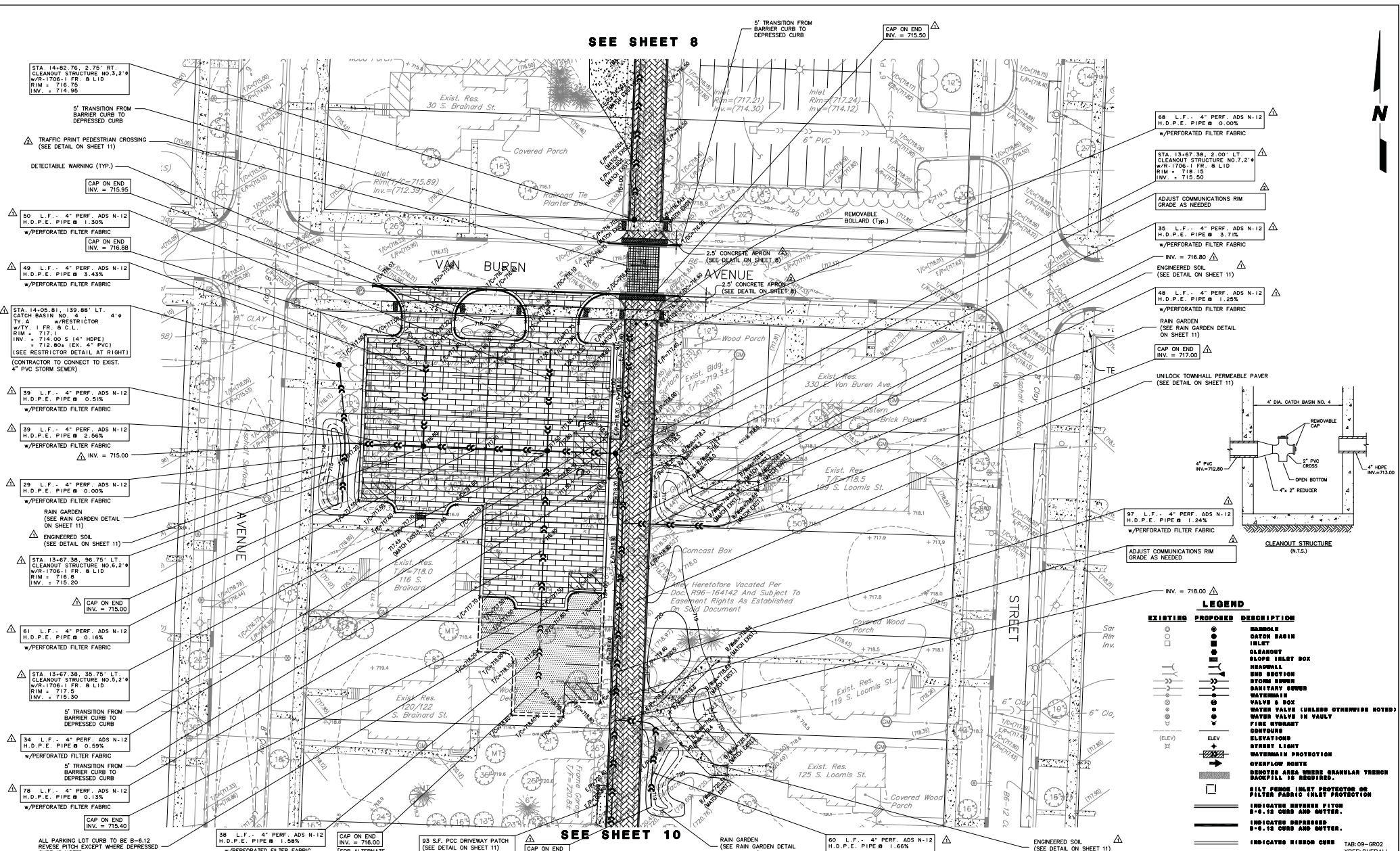


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NO.		DATE	DESCRIPTION	REVISIONS		NO.	DATE	DESCRIPTION
1	10-02-12	KMS	REVISED PER CLIENT & IN-HOUSE REVIEW					

IMPROVEMENT PLAN			
PEDESTRIAN CORRIDOR			
FILE NAME: OVR_GRADE	DSGN. BY: MMW	JOB NO.: 409.025	FLD. BK./PC.: ---
DIR: 409025	DRN. BY: KMS	DATE: 08-15-12	SCALE: 1" = 20'
			SHEET NO. 8 of 11

TAB:08-081 XREF:OVERALL
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68 L.F. - 4" PERF. ADS N-12
H.D.P.E. PIPE @ 0.00%
w/PERFORATED FILTER FABRIC

STA. 13+67.38, 2.00' LT.
CLEANOUT STRUCTURE NO. 7.2' x 4'
w/R-1706-1 FR. & LID
RIM = 716.15
INV. = 715.50

ADJUST COMMUNICATIONS RIM
GRADE AS NEEDED

35 L.F. - 4" PERF. ADS N-12
H.D.P.E. PIPE @ 3.77%
w/PERFORATED FILTER FABRIC
INV. = 716.80

ENGINEERED SOIL
(SEE DETAIL ON SHEET 11)

48 L.F. - 4" PERF. ADS N-12
H.D.P.E. PIPE @ 1.25%
w/PERFORATED FILTER FABRIC

RAIN GARDEN
(SEE RAIN GARDEN DETAIL
ON SHEET 11)

CAP ON END
INV. = 717.00

UNLOCK TOWNHALL PERMEABLE PAVEMENT
(SEE DETAIL ON SHEET 11)

97 L.F. - 4" PERF. ADS N-12
H.D.P.E. PIPE @ 1.24%
w/PERFORATED FILTER FABRIC

ADJUST COMMUNICATIONS RIM
GRADE AS NEEDED

INV. = 718.00

61 L.F. - 4" PERF. ADS N-12
H.D.P.E. PIPE @ 0.16%
w/PERFORATED FILTER FABRIC

STA. 13+67.38, 35.75' LT.
CLEANOUT STRUCTURE NO. 5.2' x 4'
w/R-1706-1 FR. & LID
RIM = 717.0
INV. = 715.30

5' TRANSITION FROM
BARRIER CURB TO
DEPRESSED CURB

34 L.F. - 4" PERF. ADS N-12
H.D.P.E. PIPE @ 0.92%
w/PERFORATED FILTER FABRIC

5' TRANSITION FROM
BARRIER CURB TO
DEPRESSED CURB

78 L.F. - 4" PERF. ADS N-12
H.D.P.E. PIPE @ 0.13%
w/PERFORATED FILTER FABRIC

CAP ON END
INV. = 715.00

36 L.F. - 4" PERF. ADS N-12
H.D.P.E. PIPE @ 1.98%
w/PERFORATED FILTER FABRIC
[FOR ALTERNATE ADDITIONAL PARKING]

CAP ON END
INV. = 716.00
[FOR ALTERNATE ADDITIONAL PARKING]

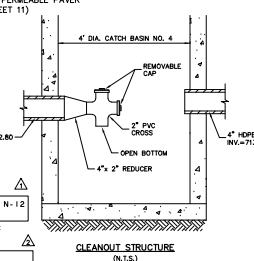
93 S.F. PCC DRIVEWAY PATCH
(SEE DETAIL ON SHEET 11)

CAP ON END
INV. = 719.00

60 L.F. - 4" PERF. ADS N-12
H.D.P.E. PIPE @ 1.66%
w/PERFORATED FILTER FABRIC

ENGINEERED SOIL
(SEE DETAIL ON SHEET 11)

RAIN GARDEN
(SEE RAIN GARDEN DETAIL
ON SHEET 11)



LEGEND

EXISTING	PROPOSED	DESCRIPTION
○	●	MANHOLE
○	●	CATCH BASIN
○	●	INLET
○	●	CLEANOUT
○	●	SLOPE TRAP BOX
○	●	HEADWALL
○	●	END SECTION
○	●	STORM DRAIN
○	●	SANITARY DRAIN
○	●	WATERMAIN
○	●	WALK & BOX
○	●	WATER VALVE (UNLESS OTHERWISE NOTED)
○	●	WATER VALVE IN VAULT
○	●	PIPE STRENGTH
○	●	CONTOUR
○	●	ELEVATIONS
○	●	STREET LIGHT
○	●	WATERMAIN PROTECTION
○	●	OVERFLOW ROUTE
○	●	RECOVER AREA UNDER GRANULAR TRENCH
○	●	RECOVER AREA UNDER GRANULAR TRENCH
○	●	5/8" SLIT SLOPE INLET PROTECTOR OR FILTER FABRIC INLET PROTECTION
○	●	INDICATES REVERSE PITCH
○	●	STREET LIGHT
○	●	INDICATES OVERSLOPED 5'-0" CURB AND OUTER.
○	●	INDICATES REVERSE CURB

PREPARED FOR:
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30 NORTH BRAINARD
NAPERVILLE, ILLINOIS 60566
(630) 637-5100

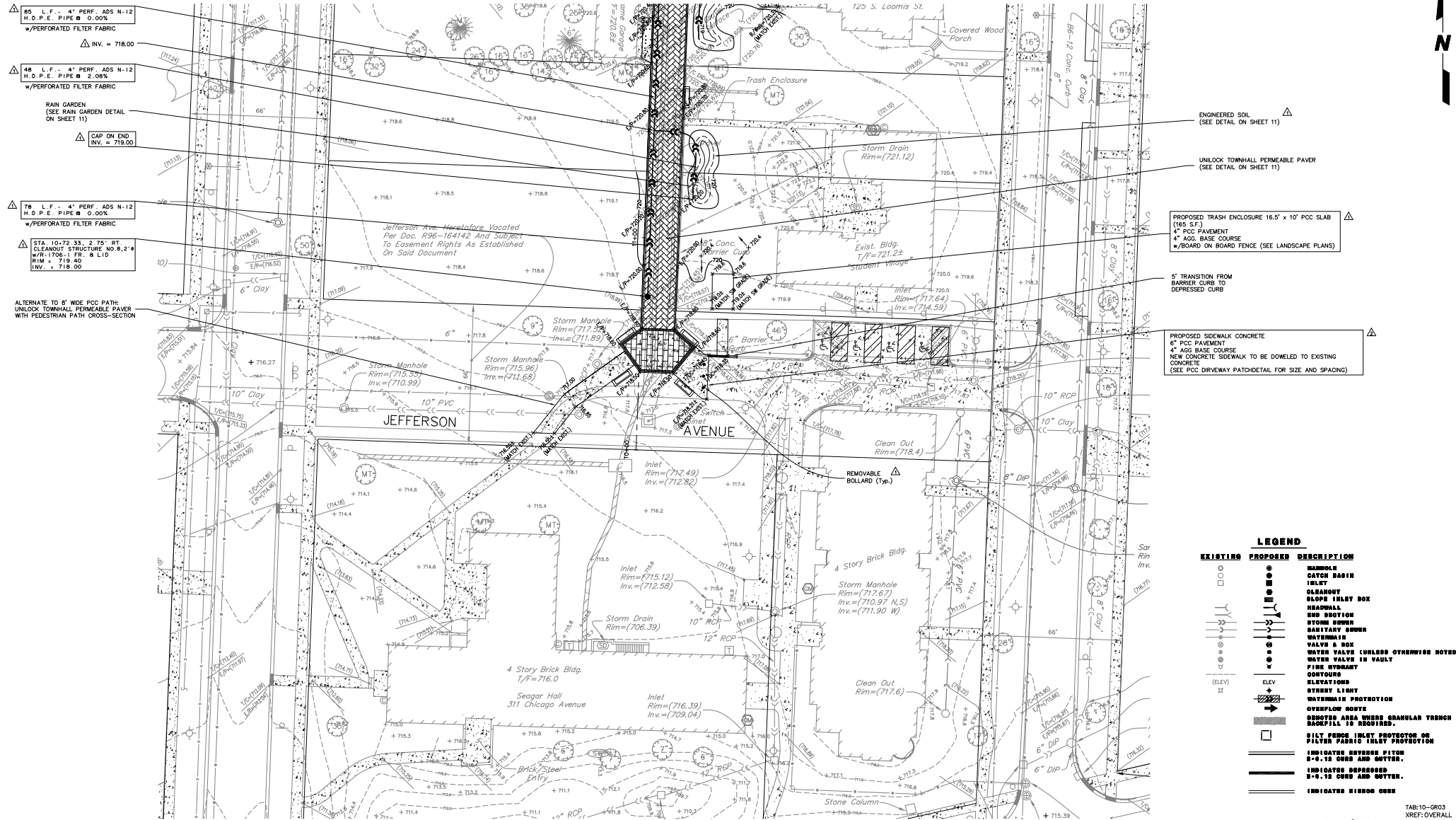
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Aurora, Illinois 60502-9676
Ph: 630.862.2100 Fax: 630.862.2199
E-Mail: codd@cemcon.com Website: www.cemcon.com

REVISIONS	
NO.	DATE
09-07-12/KMS	REVISED PER CITY COMMENT LETTER DATED 09-04-12
10-02-12/KMS	REVISED PER CLIENT & IN-HOUSE REVIEW

IMPROVEMENT PLAN			
PEDESTRIAN CORRIDOR			
FILE NAME: OVR_GRADE	DSGN. BY: MMW	JOB NO.: 409.025	PLD. BK./PG.: ---
DIR: 409025	DRN. BY: KMS	DATE: 08-15-12	SHEET NO. 9 of 11
SCALE: 1" = 20'		TAB: 09-GR02 XREF: OVERALL	

DATE PLOTTED: 08/20/12 10:43:31 AM

SEE SHEET 9



- 85 L.F. - 4" PERF. ADS N-12 H.O.P.E. PIPE @ 0.00% w/PERFORATED FILTER FABRIC
INV. = 718.00
 - 48 L.F. - 4" PERF. ADS N-12 H.O.P.E. PIPE @ 2.08% w/PERFORATED FILTER FABRIC
INV. = 718.00
 - RAIN GARDEN (SEE RAIN GARDEN DETAIL ON SHEET 11)
 - CAP ON END
INV. = 719.00
 - 78 L.F. - 4" PERF. ADS N-12 H.O.P.E. PIPE @ 0.00% w/PERFORATED FILTER FABRIC
 - STA. 10+72.33, 2.75' RT CLEANOUT STRUCTURE NO. 8, 2' x 10' W/R-1706, FR. & LID RIM = 719.40 INV. = 718.00
- ALTERNATE TO 8" WIDE PCC PATH: UNLOCK TOWNHALL PERMEABLE PAVEN WITH PEDESTRIAN PATH CROSS-SECTION

- ENGINEERED SOIL (SEE DETAIL ON SHEET 11)
- UNLOCK TOWNHALL PERMEABLE PAVEN (SEE DETAIL ON SHEET 11)
- PROPOSED TRASH ENCLOSURE 16.5' x 10' PCC SLAB (165 S.F.)
4" PCC PAVEMENT
4" AGG. BASE COURSE
w/BOARD ON BOARD FENCE (SEE LANDSCAPE PLANS)
- 5' TRANSITION FROM BARRIER CURB TO DEPRESSED CURB
- PROPOSED SIDEWALK CONCRETE
6" PCC PAVEMENT
4" AGG. BASE COURSE
NEW CONCRETE SIDEWALK TO BE DOWELED TO EXISTING CONCRETE (SEE PCC DRIVEWAY PATCHDETAIL FOR SIZE AND SPACING)

LEGEND

EXISTING	PROPOSED	DESCRIPTION
○	●	MANHOLE
○	●	CATCH BASIN
○	●	INLET
○	●	CLEANOUT
○	●	SLOPE INLET BOX
○	●	HEADWALL
○	●	NEW SECTION
○	●	STORM BURN
○	●	SANITARY BURN
○	●	WATERMETER
○	●	VALVE BOX
○	●	WATER VALVE (UNLESS OTHERWISE NOTED)
○	●	ELEVATION
○	●	FIRE HYDRANT
○	●	CONTOUR
○	●	ELEVATION
○	●	STREET LIGHT
○	●	WATERMAIN PROTECTION
○	●	OVERFLOW ROUTE
○	●	RECESSED AREA WHERE GRANULAR TRENCH SOFTENING IS REQUIRED
○	●	SILT FENCE INLET PROTECTOR OR FILTER FABRIC INLET PROTECTION
○	●	INDICATES REVERSE PITCH 0'-0" TO CURB AND OUTLET.
○	●	INDICATES DEPRESSED 0'-0" TO CURB AND OUTLET.
○	●	INDICATES RIMMOR CURB

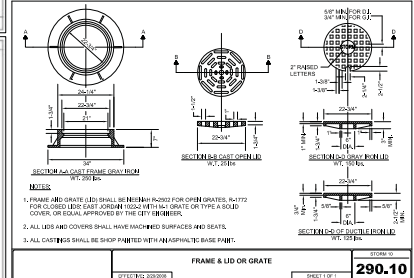
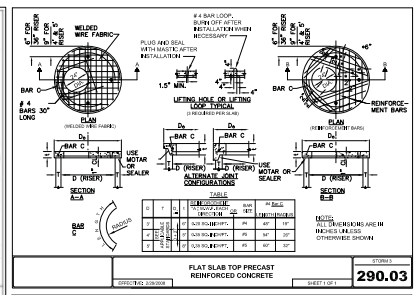
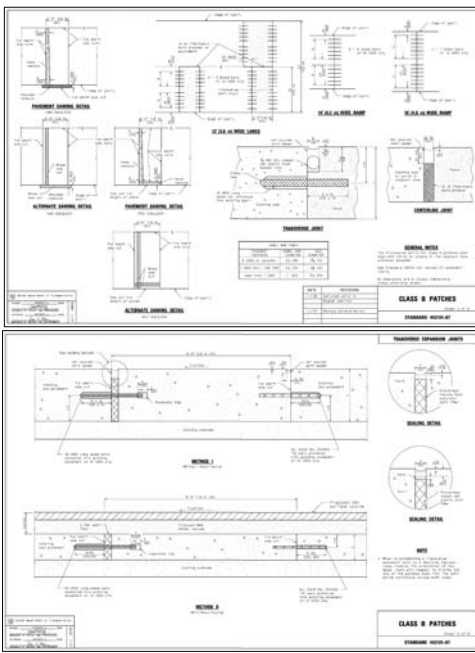
PREPARED FOR:
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30 NORTH BRAINARD
NAPEVILLE, ILLINOIS 60566
(630) 637-5100

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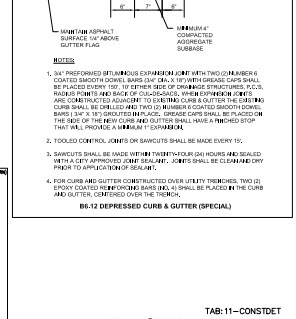
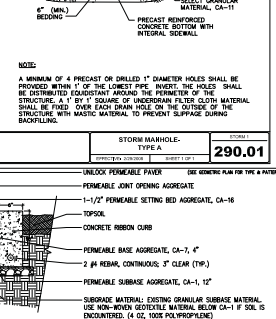
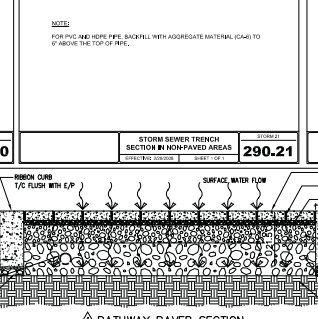
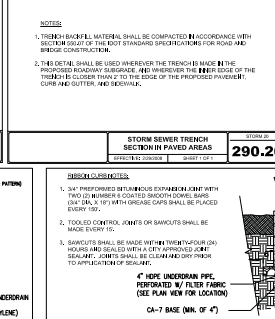
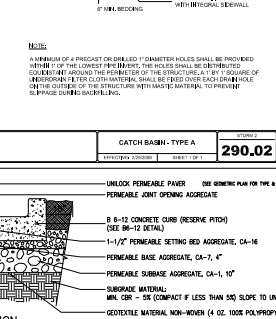
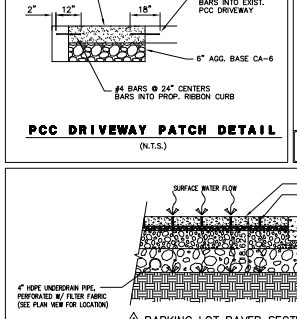
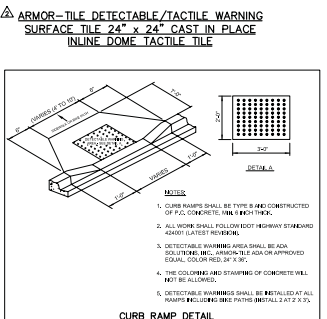
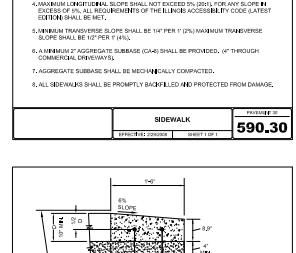
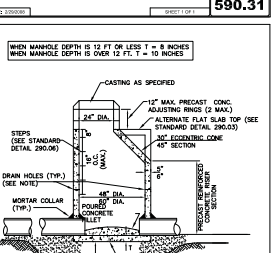
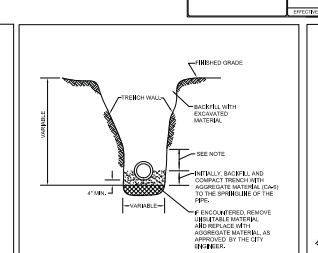
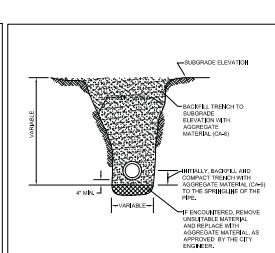
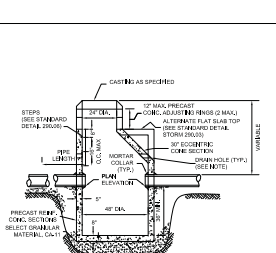
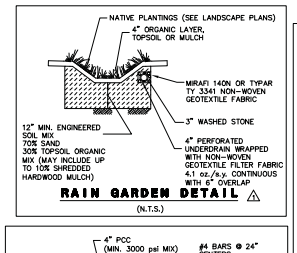
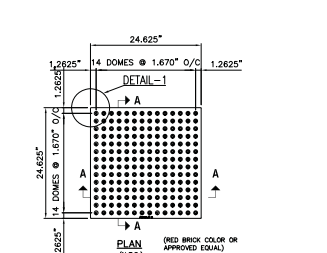
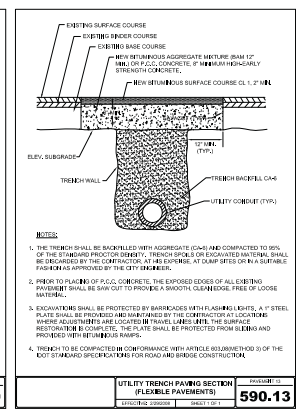
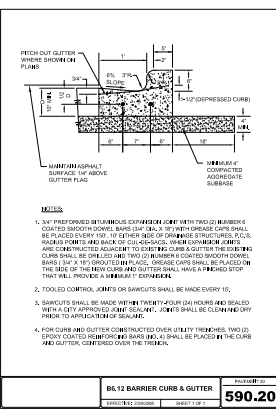
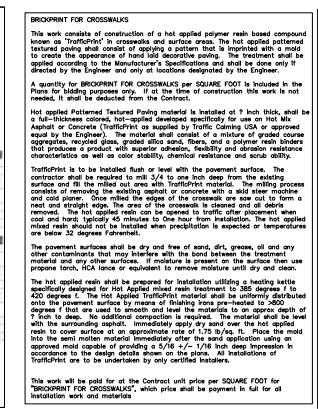
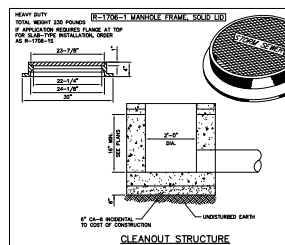
NO.		DATE		DESCRIPTION	
1	09-07-12/KMS	REVISED PER CITY COMMENT LETTER DATED 09-04-12			
2	10-02-12/KMS	REVISED PER CLIENT & IN-HOUSE REVIEW			

IMPROVEMENT PLAN			
PEDESTRIAN CORRIDOR			
FILE NAME: OVR_GRADE	DSGN. BY: MWM	JOB NO.: 409.025	FLD. BK./PG.: ---
DIR: 409025	DRN. BY: KMS	DATE: 08-15-12	SHEET NO. 10 of 11

TAB-10-GR03 XREF-OVERALL
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TrafficPrint Product Data Sheet. Includes a table with columns for Material, Construction Details, and a section for BROOKPORT FOR CROSSWALKS with descriptive text.



PREPARED FOR: NORTH CENTRAL COLLEGE 30 NORTH BRAINARD NAPERVILLE, ILLINOIS 60566 (630) 637-5100



PREPARED BY: CEMCON, Ltd. Consulting Engineers, Land Surveyors & Planners 2280 White Oak Circle, Suite 100 Naperville, Illinois 60562-9075 Ph: 630.862.2100 Fax: 630.862.2199 E-Mail: codd@cemcon.com Website: www.cemcon.com

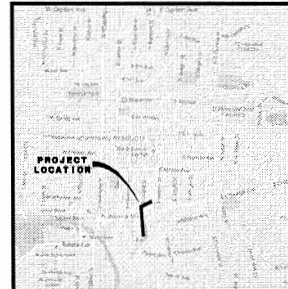
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DRAINAGE STRUCTURE AND PAVEMENT DETAILS PEDESTRIAN CORRIDOR FILE NAME: DETAILS DSN: 409025 DRN: BY: KMS JOB NO: 409.025 DATE: 08-15-12 FLD. BK./PC.: --- SCALE: 1" = --- SHEET NO: 11 of 11

FINAL SITE DEVELOPMENT PLANS
FOR
**NORTH CENTRAL COLLEGE
SESQUICENTENNIAL WALKWAY
EXTENSION**
NAPERVILLE, ILLINOIS
PEDESTRIAN PATH IMPROVEMENTS

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		MANHOLE
		CATCH BASIN
		INLET
		CLEANOUT
		SLOPE INLET BOX
		HEADWALL
		MITERED DRAIN
		STORM SEWER
		SANITARY SEWER
		WATERMAIN
		VALVE & BOX
		WATER VALVE (UNLESS OTHERWISE NOTED)
		WATER VALVE IN VAULT
		FIRE HYDRANT
		CONTOURS
		ELEVATIONS
		STREET LIGHT
		WATERMAIN PROTECTION
		SILT FENCE INLET PROTECTOR
		TEMPORARY STRAW BALE DITCH CHECK
		OVERFLOW ROUTE



LOCATION MAP

BENCH MARKS

PROJECT ELEVATION REFERENCE MARKS

TBM 1- MAG NAIL SET IN PAVEMENT IN PARKING AREA BEHIND BUILDING LOCATED AT 224 E. CHICAGO AVENUE.
ELEV. = 699.70 NAVD88

TBM 2- SET 'X' CUT IN SIDEWALK ON WEST SIDE OF BRAINARD STREET APPROXIMATELY 137' SOUTH OF THE SOUTH CURB LINE OF CHICAGO AVENUE.
ELEV. = 704.68 NAVD88

INDEX OF SHEETS

1. TITLE SHEET
- 2.-3. CONSTRUCTION SPECIFICATIONS - GENERAL NOTES
4. GEOMETRIC PLAN
5. DEMOLITION PLAN
6. DETOUR PLAN
7. LIGHTING, PAVEMENT MARKING AND SIGNAGE PLAN
- 7A. PHOTOMETRIC PLAN
8. EROSION CONTROL PLAN
- 9.-10. IMPROVEMENT PLAN
- 10A. BENTON AVENUE CROSSWALK
11. DRAINAGE STRUCTURE AND PAVEMENT DETAILS

PROFESSIONAL ENGINEER'S CERTIFICATION

STATE OF ILLINOIS) SS.
COUNTY OF DU PAGE)

I, DAVID F. MARRA, A LICENSED PROFESSIONAL ENGINEER OF ILLINOIS, HEREBY CERTIFY THAT THIS TECHNICAL SUBMISSION WAS PREPARED ON BEHALF OF NORTH CENTRAL COLLEGE BY CEMCON, LTD. UNDER MY PERSONAL DIRECTION. THIS TECHNICAL SUBMISSION IS INTENDED TO BE USED AS AN INTEGRAL PART OF AND IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND CONTRACT DOCUMENTS.

DATED THIS ____ DAY OF _____, A.D., 2017.

ILLINOIS LICENSED PROFESSIONAL ENGINEER NO. 062-052806
MY LICENSE EXPIRES ON NOVEMBER 30, 2017

PROFESSIONAL DESIGN FIRM LICENSE NUMBER 184-002937
EXPIRES APRIL 30, 2019

NOTE: UNLESS THIS DOCUMENT BEARS THE ORIGINAL SIGNATURE AND IMPRESSED SEAL OF THE DESIGN PROFESSIONAL ENGINEER, IT IS NOT A VALID TECHNICAL SUBMISSION.

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J.U.L.I.E.
TOLL FREE
TEL. 1-800-892-0123 or 811

DATE: _____
RELEASED FOR PLAN REVIEW AND PERMIT PROCESSING ONLY.

IF USED FOR BIDDING PURPOSES, THOSE PARTIES CONCERNED SHALL BE ADVISED THAT REVISIONS MAY BE REQUIRED PRIOR TO PLAN APPROVAL.

NOT ISSUED FOR CONSTRUCTION UNTIL APPROVED BY THE CITY OF NAPERVILLE AND PERMITTED AS REQUIRED.

PREPARED FOR:
NORTH CENTRAL COLLEGE
30 NORTH BRAINARD STREET
NAPERVILLE, ILLINOIS 60566
(630) 637-5100



PREPARED BY:
CEMCON, Ltd.
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Aurora, Illinois 60502-9675
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E-Mail: cadd@cemcon.com Website: www.cemcon.com

REVISIONS			REVISIONS		
NO.	DATE	SHEETS	NO.	DATE	SHEETS
1	05-23-17/DFM	6, 7, 8, 9, 10 & 11			
2	06-13-17/DFM	5 & 10			

JOB NO. 409.055
COMPLETION DATE :
MARCH 29, 2017
SHEET 1 OF 11

CONSTRUCTION SPECIFICATIONS – GENERAL NOTES

CITY OF NAPERVILLE
General Notes

1. THE OWNER OR HIS/HER/HER REPRESENTATIVE IS RESPONSIBLE TO OBTAIN ANY AND ALL PERMITS REQUIRED BY APPLICABLE GOVERNMENTAL AGENCIES.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF NAPERVILLE DESIGN MANUAL AND STANDARD SPECIFICATIONS (CURRENT EDITION) AND WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (CURRENT EDITION).
3. ALL CONTRACTORS DOING WORK IN THE PUBLIC RIGHT-OF-WAY MUST BE LICENSED (WHEN APPLICABLE) TO MAKE PUBLIC IMPROVEMENTS WITHIN THE NAPERVILLE CORPORATE LIMITS.
4. THE CONTRACTOR/DEVELOPER ASSUMES ALL RESPONSIBILITY AND LIABILITY FOR ANY ACTION RESULTING FROM THEIR WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
5. THE CONTRACTOR/DEVELOPER SHALL INDEMNIFY AND HOLD HARMLESS THE CITY OF NAPERVILLE.
6. PRIOR TO COMMENCEMENT OF ANY OFF-SITE CONSTRUCTION, THE CONTRACTOR SHALL SECURE WRITTEN AUTHORIZATION THAT ALL OFF-SITE EASEMENTS HAVE BEEN SECURED AND THAT PERMISSION HAS BEEN GRANTED TO ENTER ONTO PRIVATE PROPERTY.
7. THE CONTRACTOR AND THEIR ON-SITE REPRESENTATIVES WILL BE REQUIRED TO ATTEND A PRE-CONSTRUCTION MEETING WITH THE CITY OF NAPERVILLE PRIOR TO ANY WORK BEING STARTED. A PRE-CONSTRUCTION MEETING WILL NOT BE SCHEDULED UNTIL THE PROJECT HAS BEEN APPROVED BY THE CITY OF NAPERVILLE DEVELOPMENT REVIEW TEAM AND THE REQUIRED SURETY HAS BEEN POSTED.
8. A MINIMUM OF 48 HOURS NOTICE SHALL BE GIVEN TO THE CITY OF NAPERVILLE TED BUSINESS GROUP (630-420-6082) PRIOR TO STARTING WORK OR RESTATING WORK AFTER SOME ABSENCE OF WORK FOR ANY REASON.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ADEQUATELY IDENTIFY AND LOCATE ALL EXISTING UTILITIES PRIOR TO EXCAVATION. BEFORE STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IDENTIFICATION OF ANY AND ALL UTILITIES. THE TOLL-FREE NUMBER IS 800-892-0123. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY PRIVATE FACILITIES OR NON-AJLE MEMBER FACILITIES.
10. THE CONTRACTOR CAN SCHEDULE ALL NECESSARY SITE INSPECTIONS WITH THE CITY OF NAPERVILLE BY CALLING (630) 420-6082 BETWEEN THE HOURS OF 8:00AM AND 4:00PM (CLOSED 1:00PM TO 2:00PM DAILY ON WEDNESDAYS WHEN THE CITY IS OPEN FOR BUSINESS. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE THE SITE PERMIT NUMBER FOR THE PROJECT IN ORDER TO SCHEDULE THE INSPECTION(S).
11. RECORD DRAWINGS ARE REQUIRED TO BE SUBMITTED AND APPROVED BY THE CITY OF NAPERVILLE PRIOR TO FINAL OCCUPANCY BEING GRANTED.
12. FINAL ACCEPTANCE OF PUBLIC IMPROVEMENTS SHALL BE GRANTED ONLY AFTER A FINAL INSPECTION HAS BEEN COMPLETED AND HAS REVEALED THAT ALL IMPROVEMENTS HAVE BEEN SATISFACTORILY COMPLETED IN ACCORDANCE WITH THE NAPERVILLE STANDARD SPECIFICATIONS. UTILITIES ARE NOT CONSIDERED ACCEPTED UNTIL THEY ARE FORMALLY ACCEPTED BY THE CITY COUNCIL AS REQUIRED IN ACCORDANCE WITH THE NAPERVILLE MUNICIPAL CODE.

ADDTL. GENERAL NOTES – CEMCON, LTD.

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
2. IF THE ENGINEER IS RETAINED FOR CONSTRUCTION STAKING SERVICES, THE ENGINEER AND T.E.D. WILL BE GIVEN SEVENTY-TWO (72) HOURS NOTICE FOR ANY STAKING THAT IS TO BE DONE. IF ENGINEER IS CONTRACTED BY OWNER OR CONTRACTOR FOR CONSTRUCTION STAKING SERVICES, EACH OF THE VARIOUS ITEMS OF WORK COVERED BY THIS CONTRACT WILL BE STAKED ONCE. ADDITIONAL STAKING REQUIRED DUE TO CONTRACTOR NEGLIGENCE SHALL BE PAID FOR BY THE CONTRACTOR AT THE CURRENT HOURLY RATE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING EACH OF THE UTILITY COMPANIES BEFORE ANY WORK IS STARTED. ALL UTILITIES MUST BE STAKED PRIOR TO CONSTRUCTION.
4. AFTER CONSTRUCTION STAKING IS PERFORMED, BUT PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL CALL THE ATTENTION OF THE OWNER'S REPRESENTATIVE TO ANY ERRORS OR DISCREPANCIES WHICH MAY BE SUSPECTED IN LINES AND GRADES WHICH ARE ESTABLISHED BY THE OWNER, AND SHALL NOT PROCEED WITH THE WORK UNTIL ANY LINES AND GRADES WHICH ARE BELIEVED TO BE IN ERROR HAVE BEEN VERIFIED OR CORRECTED BY THE OWNER'S REPRESENTATIVE.
5. THE UNDERGROUND CONTRACTOR SHALL BE RESPONSIBLE TO PLACE ON GRADE AND COORDINATE WITH OTHER CONTRACTORS ALL UNDERGROUND STRUCTURE FRAMES SUCH AS CATCH BASINS, INLETS, MANHOLES, HYDRANTS, BUFFALO BOXES, VALVES, ETC. NO ADDITIONAL COMPENSATION WILL BE PAID AND SAID ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF CONSTRUCTION.
6. CONTRACTORS SHALL KEEP PUBLIC STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS AND, WHEN NECESSARY, CLEAN PAVEMENTS ON A DAILY BASIS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS (INCLUDING UTILITY LOCATIONS) PRIOR TO THE INSTALLATION OR FABRICATION OF ANY MATERIALS. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.

PROTECTION OF WATERMAIN AND WATER SERVICE

WATERMANS AND WATER SERVICE LINES SHALL BE PROTECTED FROM SANITARY SEWERS, STORM SEWERS, COMBINED SEWERS, HOUSE SEWER SERVICE CONNECTIONS AND DRAINS AS FOLLOWS:

- a) WATERMANS:
 - 1.) HORIZONTAL SEPARATION:
 - A) WATERMANS SHALL BE LAID AT LEAST TEN FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN, STORM SEWER, SANITARY SEWER, COMBINED SEWER OR SEWER SERVICE CONNECTION.
 - B) WATERMANS MAY BE LAID CLOSER THAN TEN FEET TO A SEWER LINE WHEN:
 - I) LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF TEN FEET; AND
 - II) THE WATERMAIN INVERT IS AT LEAST 18 INCHES ABOVE THE CROWN OF THE SEWER; AND
 - III) THE WATERMAIN IS EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON AN UNDISTURBED EARTH SHELVE LOCATED TO ONE SIDE OF THE SEWER.
 - C) BOTH THE WATERMAIN AND DRAIN OR SEWER SHALL BE CONSTRUCTED OF SLIP-ON OR MECHANICAL JOINT CAST OR DUCTILE IRON PIPE, PRESTRESSED CONCRETE PIPE (STORM SEWER ONLY), OR PVC PIPE MEETING THE REQUIREMENTS OF SECTION 653.111 OF THE ILL. P.A. TECHNICAL POLICY STATEMENTS, WHEN IT IS IMPOSSIBLE TO MEET (A) OR (B) ABOVE, THE DRAIN OR SEWER SHALL BE PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD BEFORE BACKFILLING.
 - 2.) VERTICAL SEPARATION:
 - A) A WATERMAIN SHALL BE LAID SO THAT ITS INVERT IS 18 INCHES ABOVE THE CROWN OF THE DRAIN OR SEWER. WHENEVER WATERMANS CROSS STORM SEWERS, SANITARY SEWERS OR SEWER SERVICE CONNECTIONS, THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATERMAIN LOCATED WITHIN TEN FEET HORIZONTALLY OF ANY SEWER OR DRAIN CROSSING. A LENGTH OF WATERMAIN PIPE SHALL BE CENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANT FROM THE SEWER OR DRAIN.
 - B) THE DRAIN OR SEWER SHALL BE CONSTRUCTED OF SLIP-ON OR MECHANICAL JOINT CAST OR DUCTILE IRON PIPE, PRESTRESSED CONCRETE PIPE, (STORM SEWER ONLY), OR PVC PIPE MEETING THE REQUIREMENTS OF SECTION 653.111, OR THE DRAIN OR SEWER SHALL BE SLEEVED WITH STEEL PIPE OR CONSTRUCTED OF REINFORCED CONCRETE PIPE CONFORMING TO ASTM C-76 WITH GASKETED JOINTS CONFORMING TO ASTM C-361 (STORM SEWER ONLY). FOR THE ENTIRE LENGTH OF STORM SEWER BETWEEN STRUCTURES WHEN STORM SEWER IS PERPENDICULAR TO WATERMAIN.
 - I) IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS DESCRIBED IN (A) ABOVE; OR
 - II) THE WATERMAIN PASSES UNDER A SEWER OR DRAIN.
 - C) A VERTICAL SEPARATION OF 18 INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE CROWN OF THE WATERMAIN SHALL BE MAINTAINED WHERE A WATERMAIN CROSSES UNDER A SEWER. SUPPORT THE SEWER OR DRAIN LINES TO PREVENT SETTLING AND BREAKING OF THE WATERMAIN.
 - D) CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATER MAIN TO THE SEWER OR DRAIN LINE IS AT LEAST TEN FEET.
 - E) EXCEPT IN THE CASE OF DIRECT CONFLICT DO NOT LOWER WATERMAIN TO CLEAR OBSTRUCTIONS.
 - F) WHEN WATERMAIN CROSSES UNDER ANY SEWER FOLLOW THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS" MAY 1995, FIFTH EDITION (SEE PAGE 162, DRAWING NUMBER 19).
 - b) WATER SERVICE LINES:
 - 1) THE HORIZONTAL AND VERTICAL SEPARATION BETWEEN WATER SERVICE LINES AND ALL STORM SEWERS, SANITARY SEWER, COMBINED SEWERS OR ANY DRAIN OR SEWER SERVICE CONNECTION SHALL BE THE SAME AS WATER MAIN SEPARATION DESCRIBED IN (a) ABOVE.
 - 2) WATER PIPE DESCRIBED IN (c) ABOVE SHALL BE USED FOR SEWER SERVICE LINES WHEN MINIMUM HORIZONTAL AND VERTICAL SEPARATION CANNOT BE MAINTAINED.
 - c) SPECIAL CONDITIONS – ALTERNATE SOLUTIONS SHALL BE PRESENTED TO THE AGENCY WHEN EXTREME TOPOGRAPHICAL, GEOLOGICAL OR EXISTING STRUCTURAL CONDITIONS MAKE STRICT COMPLIANCE WITH (c) AND (d) ABOVE TECHNICALLY AND ECONOMICALLY IMPRACTICAL. ALTERNATE SOLUTIONS WILL BE APPROVED PROVIDED WATERRIGHT CONSTRUCTION STRUCTURALLY EQUIVALENT TO APPROVED WATERMAIN MATERIAL IS PROPOSED.
 - d) WATERMANS SHALL BE SEPARATED FROM SEPTIC TANKS, DISPOSAL FIELDS AND SEEPAGE BEDS BY A MINIMUM OF 25 FEET.
 - e) WATERMANS AND WATER SERVICE LINES SHALL BE PROTECTED AGAINST ENTRANCE OF HYDROCARBONS THROUGH DIFFUSION THROUGH ANY MATERIAL USED IN CONSTRUCTION OF THE LINE.

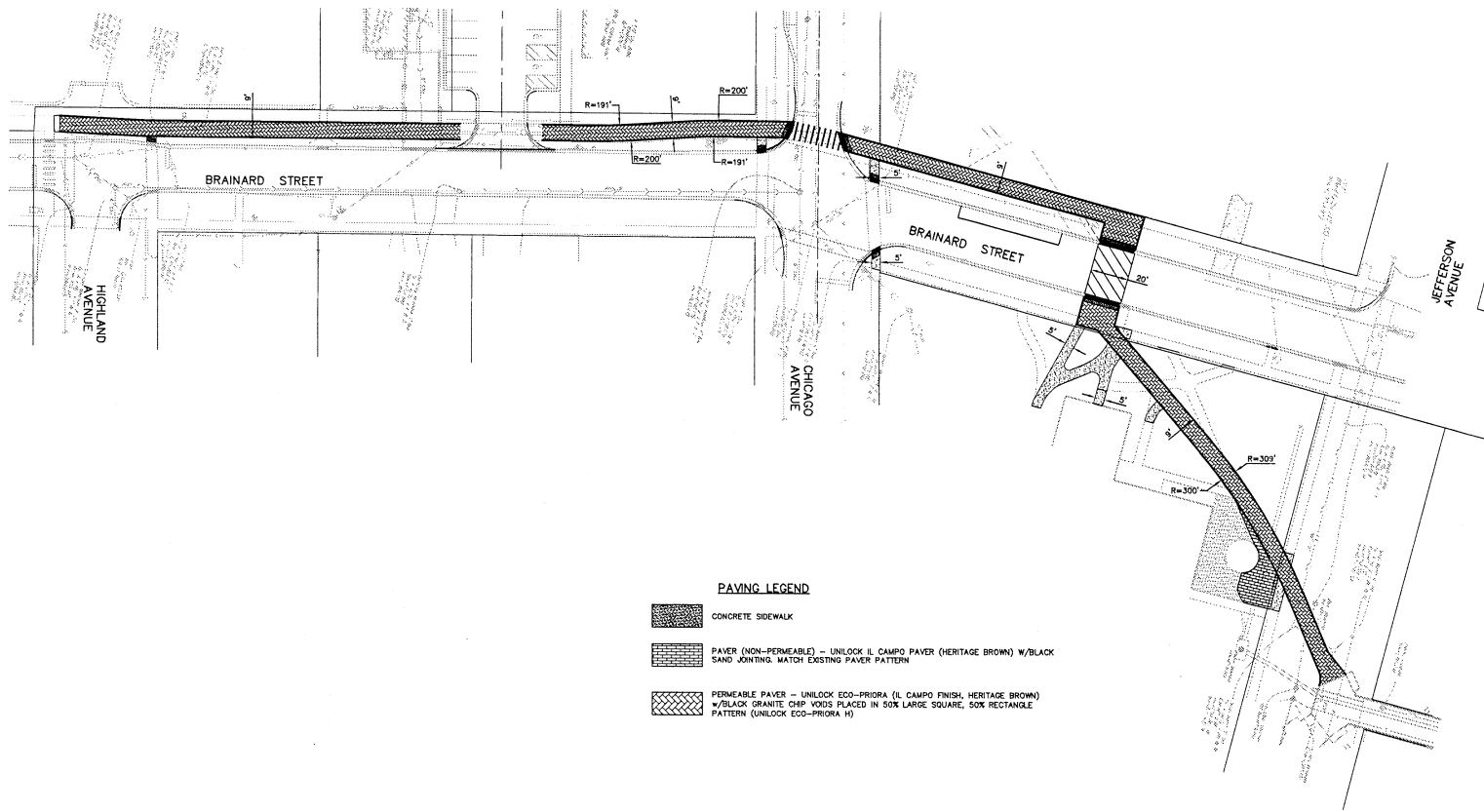
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30 NORTH BRAINARD STREET
NAPERVILLE, ILLINOIS 60566
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
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NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

CONSTRUCTION SPECIFICATIONS – GENERAL NOTES
SESQUICENTENNIAL WALKWAY EXTENSION

FILE NAME: GENNOTE	DSGN. BY: DFM	JOB NO.: 409.055	FLD. BK./PG.: ---	SHEET NO. 2 of 11
DIR: 409055	DRN. BY: KHS	DATE: 03--29--17	SCALE: 1" = ---	



PAVING LEGEND

-  CONCRETE SIDEWALK
-  PAVEN (NON-PERMEABLE) - UNILOCK IL CAMPO PAVEN (HERITAGE BROWN) W/BLACK SAND JOINTING MATCH EXISTING PAVEN PATTERN
-  PERMEABLE PAVEN - UNILOCK ECO-PRORA (IL CAMPO FINISH, HERITAGE BROWN) W/BLACK GRANITE CHP VOIDS PLACED IN 50% LARGE SQUARE, 50% RECTANGLE PATTERN (UNILOCK ECO-PRORA H)

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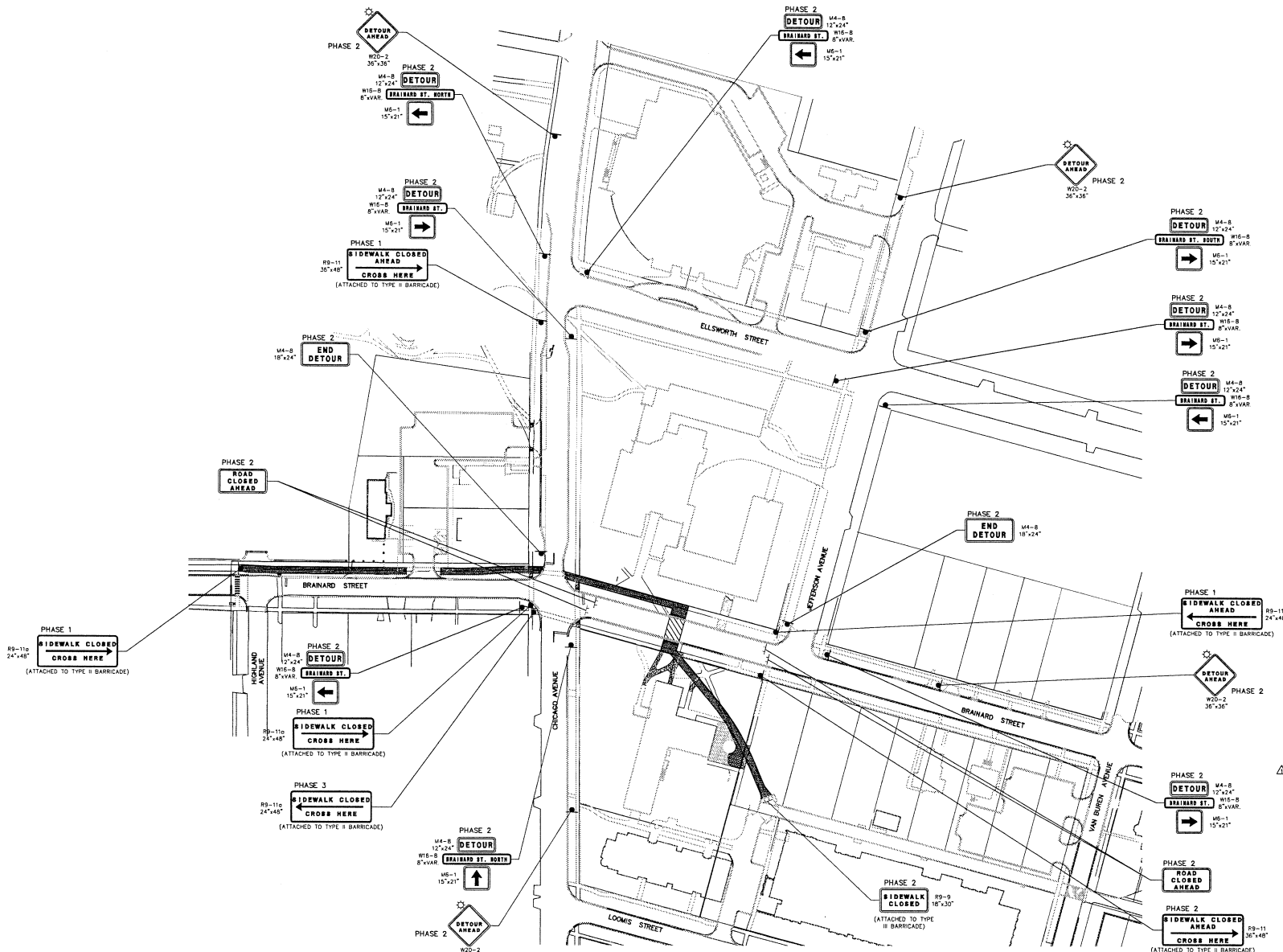
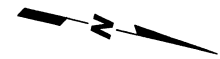
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		REVISIONS			
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

GEOMETRIC PLAN
SESQUICENTENNIAL WALKWAY EXTENSION

FILE NAME: DVR_UTIL	DSGN. BY: DFM	JOB NO.: 409.055	FLD. BK./PG.: ---	SHEET NO.
DIR: 409055	DRN. BY: KMS	DATE: 03-29-17	SCALE: 1" = 30'	4 of 11

DRAWING FILE: H:\WORK\2016\SESQUICENTENNIAL WALKWAY EXTENSION.dwg



CONSTRUCTION SEQUENCE

PHASE 1
CONSTRUCT WALKWAY ALONG WEST OF BRAINARD STREET FROM HIGHLAND AVENUE TO PROPOSED CROSSING NORTH OF CHICAGO AVENUE.

PHASE 2
CONSTRUCT WALKWAY FROM EXISTING SESQUICENTENNIAL WALKWAY SOUTH TO BRAINARD STREET. REMOVE EASTERN NORTH/SOUTH CROSSWALK AT CHICAGO AVENUE AND BRAINARD STREET AND NORTH/SOUTH CROSSWALK AT HIGHLAND AVENUE AND BRAINARD STREET. REMOVE SIDEWALK ALONG EAST SIDE BRAINARD STREET FROM CHICAGO AVENUE NORTH TO PROPOSED WALKWAY.

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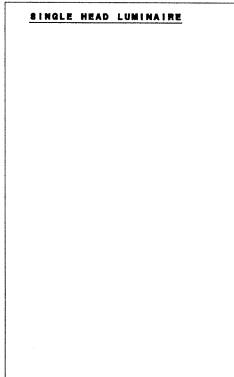
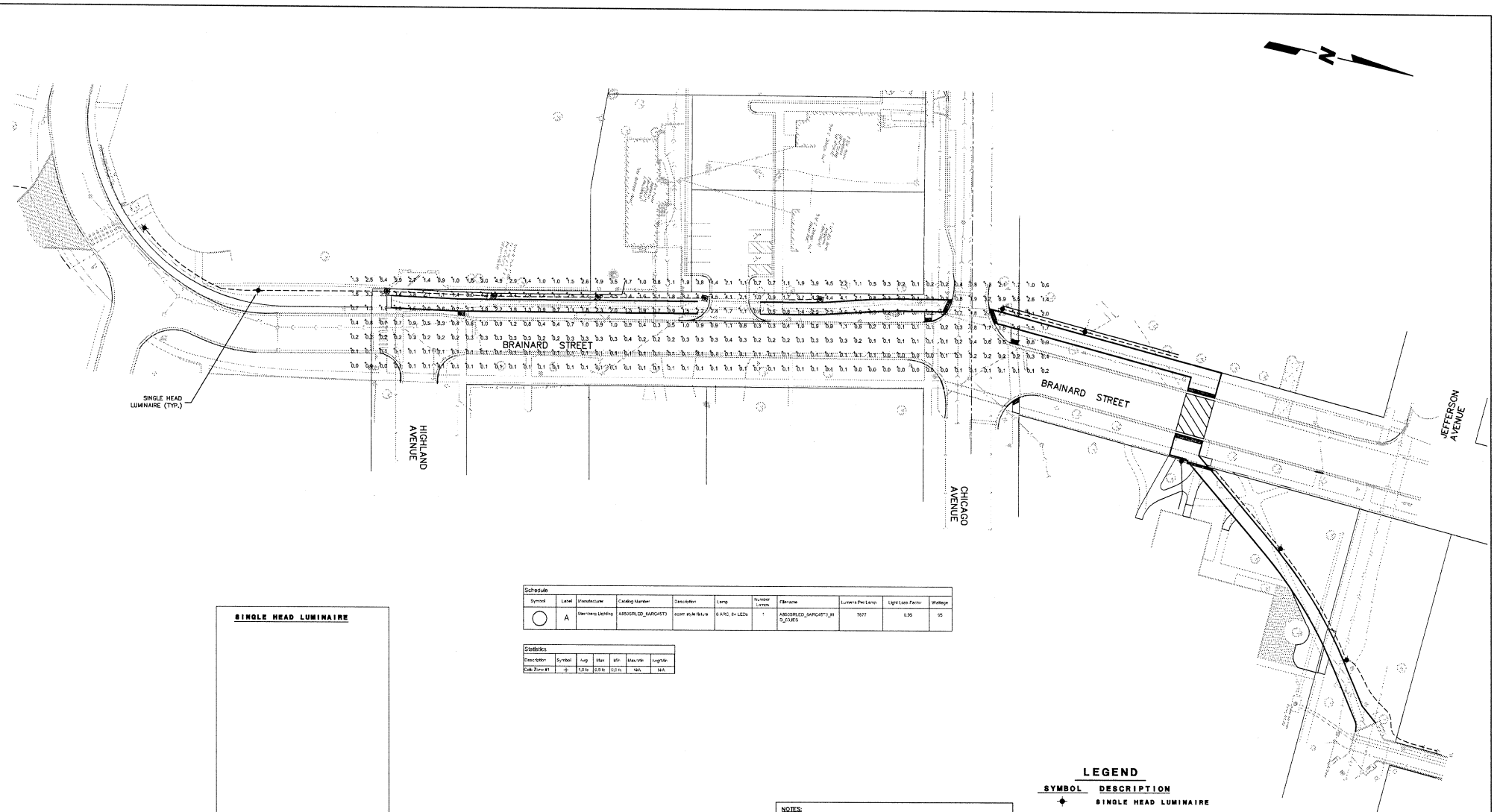
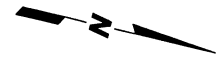
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NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION	NO.	DATE
1	08-23-15/DFM	REVISED PER CLIENT REVIEW					

DETOUR PLAN			
SESQUICENTENNIAL WALKWAY EXTENSION			
FILE NAME: DETOUR	DSGN. BY: DFM	JOB NO.: 409.055	F.L.D. BK./PG.: ---
DIR: 409055	DRN. BY: KMS	DATE: 03-29-17	SCALE: 1" = 60'
			SHEET NO. 6 of 11



Schedule										
Symbol	Label	Manufacturer	Catalog Number	Description	Height	Number Lenses	Fixture Name	Luminaire Pole Length	Light Loss Factor	Wattage
○	A	Switching Lighting	AROSERLED_BUNGAST1	AROSER LED LUMINAIRE	6' A.C. 6' LED	1	AROSERLED_BUNGAST1 2' LUMINAIRE	10'7"	0.95	55

Statistics					
Description	Symbol	Aug	Max	Min	Length
Code	Symbol	DATE	DATE	DATE	DATE

- NOTES:**
1. WIRING SIZES AND LENGTHS TO BE DETERMINED BY ELECTRICAL CONTRACTOR.
 2. ALL PROPOSED LIGHT POLES TO BE CONTROLLED BY PHOTOCELL(S).
 3. CONTRACTOR TO COORDINATE WITH NAPERVILLE ELECTRIC AND FOLLOW ALL NAPERVILLE ELECTRIC COMMERCIAL STANDARDS FOR MCC PROPERTIES
 4. ALL SERVICES TO BE PLACED A MINIMUM OF 24" BELOW GRADE.

LEGEND

SYMBOL	DESCRIPTION
+	SINGLE HEAD LUMINAIRE
⊕	SINGLE HEAD LUMINAIRE W/ SHIELDING ON STREET SIDE
○	PEDESTAL
⊕	TRANSFORMER
⊕	ELECTRIC METER
	CONDUIT CROSSING
---	ELECTRIC ROUTE
XXXX	DUCT BANK (ELECTRIC)
----	DUCT BANK (COMMUNICATION)

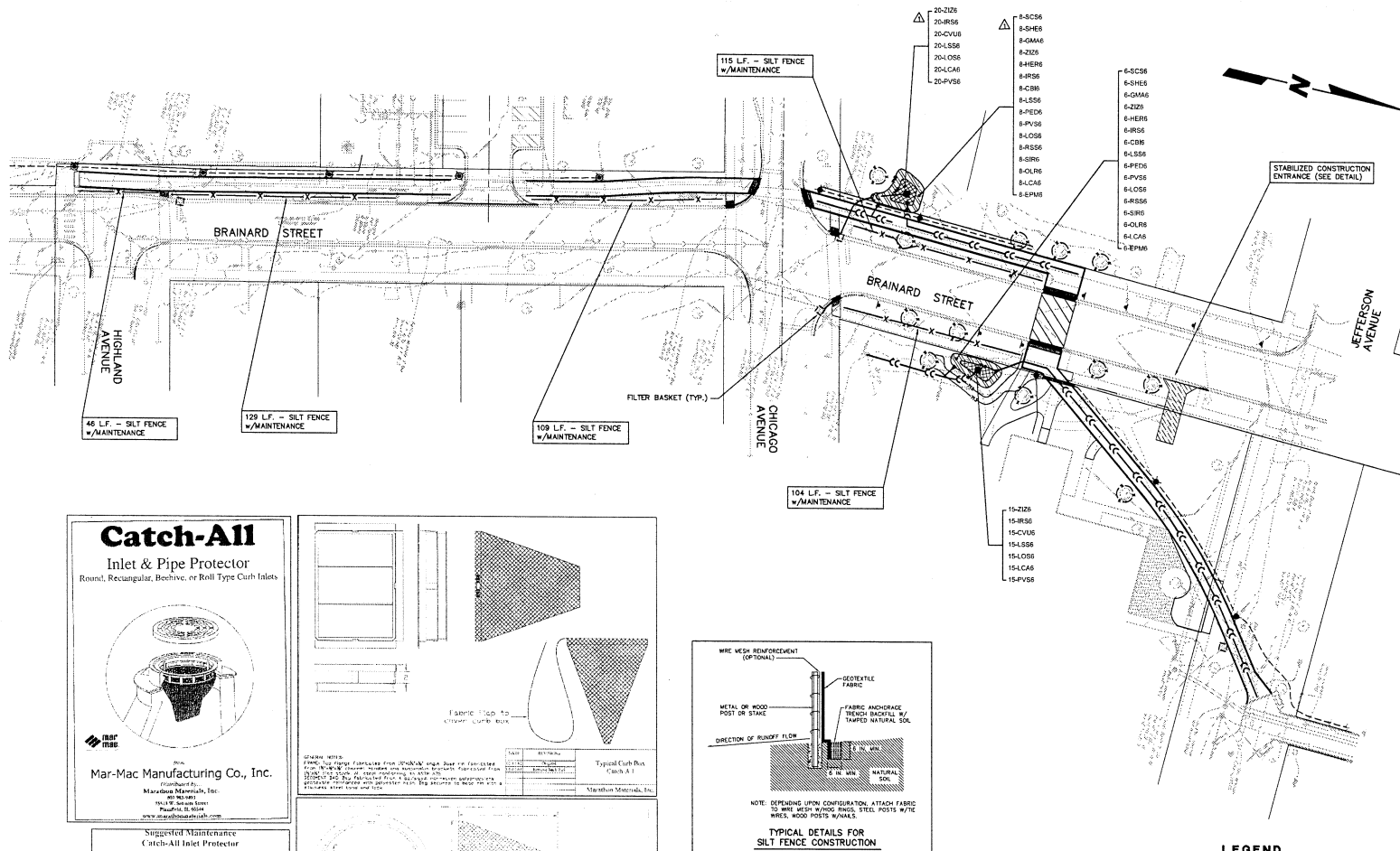
TAB: 07A-PHOTOMETRIC
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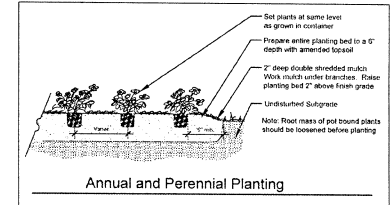
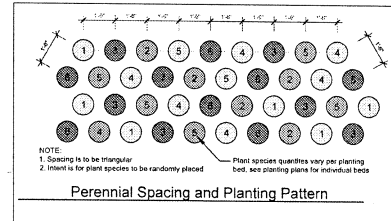
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NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

PHOTOMETRIC PLAN				
SESQUICENTENNIAL WALKWAY EXTENSION				
FILE NAME: OVR_UTIL	DSGN. BY: OFM	JOB NO.: 409.055	FLD. BK./PG.: ---	SHEET NO. 7A of 11
DIR: 409055	DRN. BY: KMS	DATE: 03-29-17	SCALE: 1" = 30'	



- PLANTING NOTES:**
1. ALL DISTURBED AREAS TO BE RESTORED WITH SEEDING (DOT CLASS 1) AND EROSION CONTROL BLANKET.
 2. ALL DISTURBED AREAS TO BE PROTECTED WITHIN 24 HOURS.
 3. BED LINES TO BE SPADE CUT TO A MINIMUM DEPTH OF 3 INCHES. CURVED BED LINES ARE TO BE SMOOTH AND NOT SEGMENTED.
 4. PLANTS AND OTHER MATERIALS ARE QUANTIFIED AND SUMMARIZED FOR THE CONVENIENCE OF THE OWNER AND JURISDICTIONAL AGENCIES ONLY. CONFIRM AND INSTALL SUFFICIENT QUANTITIES TO COMPLETE THE WORK AS DRAWN AND SPECIFIED. NO ADDITIONAL PAYMENTS WILL BE MADE FOR MATERIALS REQUIRED TO COMPLETE THE WORK AS DRAWN AND SPECIFIED.



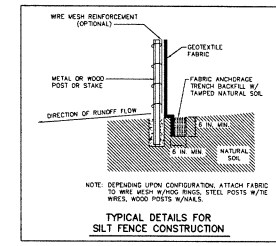
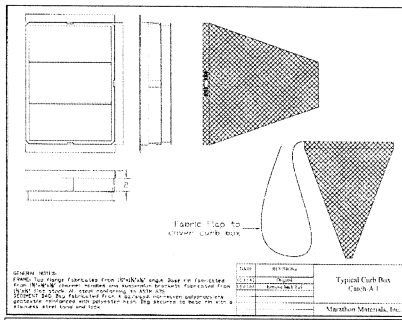
CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
CB88	Carex bicknellii	Prairie Sedge	1 GAL. 14	
CV08	Carex vulpocarpa	Fox Sedge	1 GAL. 35	
EM04	Echinacea purpurea Magnus	Magnus Purple Coneflower	1 GAL. 11	
GM04	Geranium maculatum	WEE Crane's Cranes	1 GAL. 14	
HE08	Hesperis matronalis	Prairie Alkanet	1 GAL. 14	
IR56	Mil. virginica var. shrevei	WEE Blue Flag Iris	1 GAL. 49	
LC04	Looselia cardifolia	Cardinal Flower	1 GAL. 49	
LC08	Looselia hirtiflora	Great Blue Lobelia	1 GAL. 49	
LS56	Liatris spicata	Marsh Bluebell	1 GAL. 49	
OL08	Oligoneuron (Sollago) flexuosus	RIBBON'S COLEUS	1 GAL. 14	
PE06	Peristemon digialis	Fourjove Beard Tongue	1 GAL. 14	
PV56	Physostegia virginiana var. speciosa	Showy Obedient Plant	1 GAL. 49	
RS56	Rudbeckia speciosa var. sullivantii	Showy Black-eyed Susan	1 GAL. 14	
SC56	Schizachyria scoparium	WEE Bluestem	1 GAL. 14	
SH56	Sporobolus heterodactylus	Prairie Dropseed	1 GAL. 14	
SIR6	Siphium teresthiaceum	Prairie Dock	1 GAL. 49	
ZI56	Zizia aurea	Golden Alexander	1 GAL. 14	

Catch-All
Inlet & Pipe Protector

Round, Rectangular, Beehive, or Roll Type Curb Inlets

Mar-Mac Manufacturing Co., Inc.

Mar-Mac Manufacturing, Inc.
1000 N. Lincoln
P.O. Box 100
Naperville, IL 60564
www.mar-mac.com



Suggested Maintenance
Catch-All Inlet Protector

1. Inspect the inlet and pipe protector regularly to ensure it is free of debris and is functioning properly.
2. Clean the inlet and pipe protector as needed to remove any debris or sediment.
3. Inspect the inlet and pipe protector for any damage or wear and replace as needed.

GUIDELINES FOR CONSTRUCTION SITES

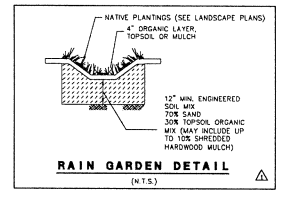
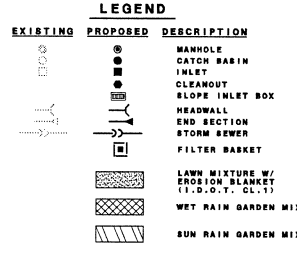
1. Establish a silt fence line at least 10 feet from the edge of the excavation.
2. Maintain the silt fence line at all times during construction.
3. Repair any damage to the silt fence line immediately.
4. Remove the silt fence line when construction is complete.

GUIDELINES FOR PARKING LOTS & MAINTENANCE YARDS

1. Establish a silt fence line at least 10 feet from the edge of the excavation.
2. Maintain the silt fence line at all times during construction.
3. Repair any damage to the silt fence line immediately.
4. Remove the silt fence line when construction is complete.

CONSTRUCTION ENTRANCE SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR REINFORCED OR RECYCLED CONCRETE EQUIVALENT.
2. THICKNESS - NOT LESS THAN 10 INCHES.
3. FILTER CLOTH - SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
4. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOODING OF GROUND INTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND OR CLEANOUT OF ANY DEBRIS USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED INTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
5. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE AND PUBLIC RIGHTS-OF-WAY. WASHING IS REQUIRED. IT SHALL BE DONE ON AN AREA CONFINED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
6. PERIODIC INSPECTION AND NECESSARY MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



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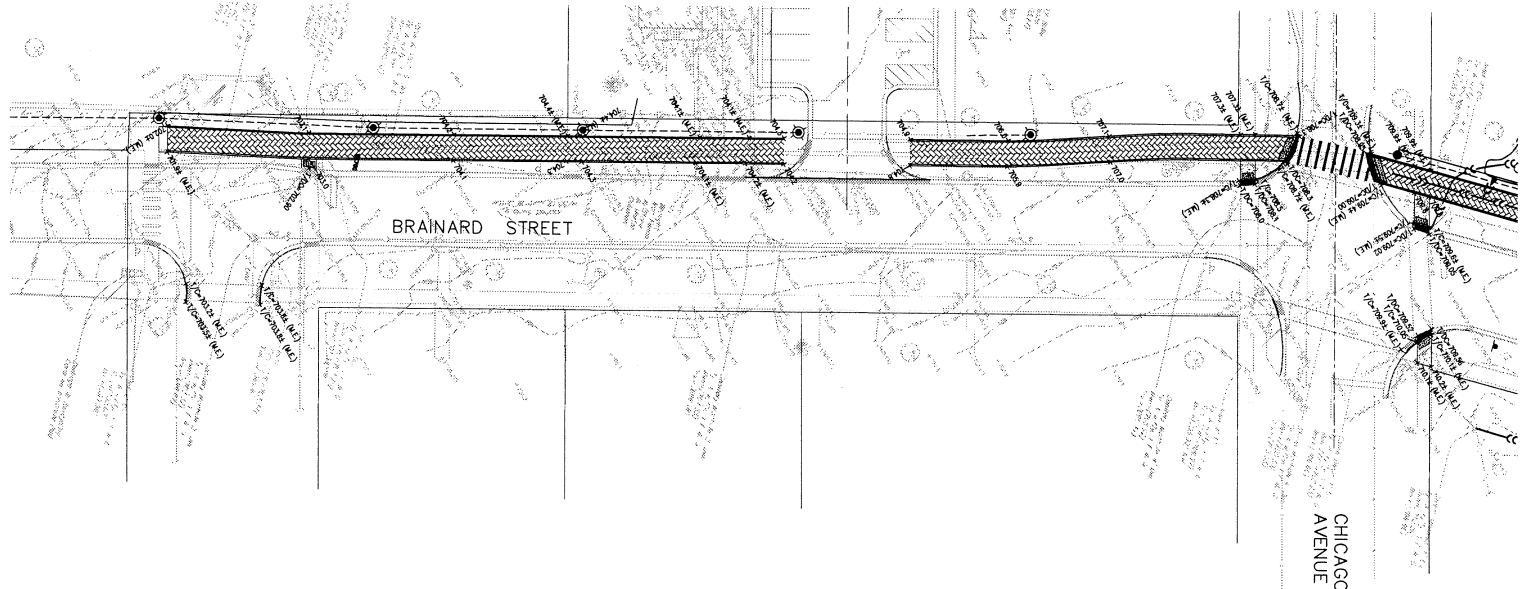
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NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	05-23-17/DM	REVISED PER CITY REVIEW LETTER DATED 04-24-17			

EROSION CONTROL AND PLANTING PLAN
SESQUICENTENNIAL WALKWAY EXTENSION

FILE NAME: OVR_UTIL DSGN. BY: DFM JOB NO.: 409.055 FLD. BK./PG.: --- SHEET NO. 8 of 11
DIR: 409055 DRN. BY: KMS DATE: 03-29-17 SCALE: 1" = 30'

TAB.08-SOLELROO
XREF:OVERALL
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LEGEND

EXISTING	PROPOSED	DESCRIPTION
○	⊙	MANHOLE
○	⊙	CATCH BASIN
○	⊙	INLET
○	⊙	CLEANOUT
○	⊙	SLOPE INLET BOX
○	⊙	HEADWALL
○	⊙	END SECTION
○	⊙	STORM SEWER
○	⊙	SEWARIARY SEWER
○	⊙	WATERMAIN
○	⊙	VALVE & BOX
○	⊙	WATER VALVE (UNLESS OTHERWISE NOTED)
○	⊙	WATER VALVE IN VAULT
○	⊙	FIRE HYDRANT
○	⊙	CONTOURS
○	⊙	ELEVATIONS
○	⊙	STREET LIGHT
○	⊙	WATERMAIN PROTECTION
○	⊙	OVERFLOW ROUTE
○	⊙	DENOTES AREA WHERE GRANULAR TRENCH BACKFILL IS REQUIRED.
○	⊙	BILT FENCE INLET PROTECTOR OR FILTER FABRIC INLET PROTECTION
○	⊙	INDICATES REVERSE SWITCH
○	⊙	B*0.12 CURB AND GUTTER.
○	⊙	INDICATES DEPRESSED
○	⊙	B*0.12 CURB AND GUTTER.
○	⊙	INDICATES RIBBON CURB

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NORTH CENTRAL COLLEGE
30 NORTH BRAINARD STREET
NAPERVILLE, ILLINOIS 60566
(630) 637-5100

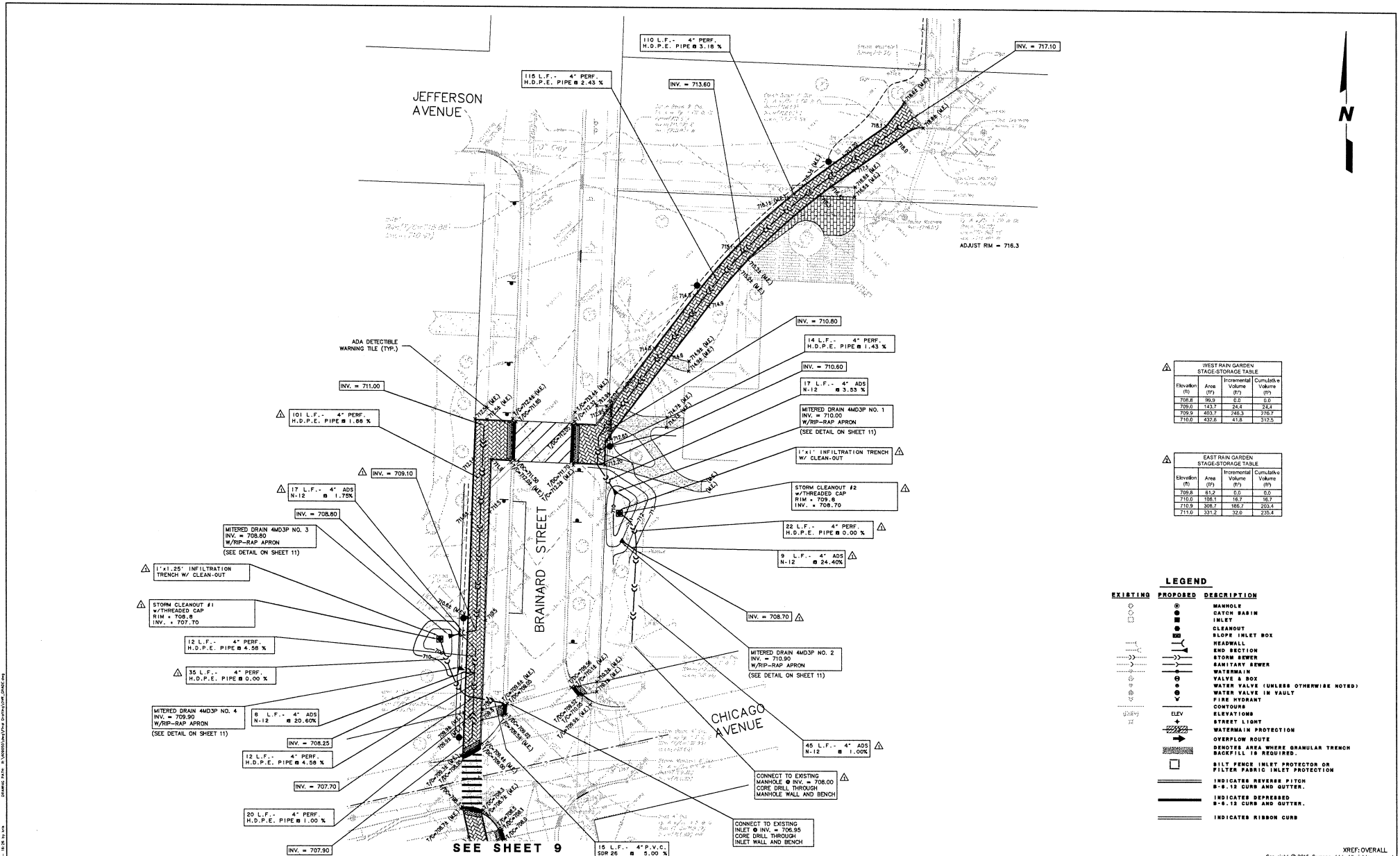


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REVISIONS					
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	05-23-17/DFM	REVISED PER CITY REVIEW LETTER DATED 04-21-17			

IMPROVEMENT PLAN				
SESQUICENTENNIAL WALKWAY EXTENSION				
FILE NAME: OVR_GRADE	DSGN. BY: DFM	JOB NO.: 409,055	FLD. BK./PG.: ---	SHEET NO.
DIR: 409055	DRN. BY: KMS	DATE: 03-29-17	SCALE: 1" = 20'	9 of 11

DRAWING DATE: 05/23/2017 10:58:34 AM



WEST RAIN GARDEN STAGE-STORAGE TABLE

Elevation (ft)	Area (sq ft)	Incremental Volume (cu ft)	Cumulative Volume (cu ft)
708.8	86.9	0.0	0.0
709.0	143.7	24.4	24.4
709.5	400.7	240.3	264.7
710.0	437.6	47.8	312.5

EAST RAIN GARDEN STAGE-STORAGE TABLE

Elevation (ft)	Area (sq ft)	Incremental Volume (cu ft)	Cumulative Volume (cu ft)
710.6	83.2	0.0	0.0
710.8	108.1	16.7	16.7
711.0	306.7	185.7	202.4
711.6	331.3	33.0	235.4

LEGEND

EXISTING	PROPOSED	DESCRIPTION
○	○	MANHOLE
○	●	CATCH BASIN
○	○	INLET
○	○	CLEANOUT
○	○	SLOPE INLET BOX
○	○	HEADWALL
○	○	END SECTION
○	○	STORM SEWER
○	○	SANITARY SEWER
○	○	WATERMAIN
○	○	VALVE & BOX
○	○	WATER VALVE (UNLESS OTHERWISE NOTED)
○	○	WATER VALVE IN VAULT
○	○	FIRE HYDRANT
○	○	CONTOUR
○	○	ELEVATION
○	○	STREET LIGHT
○	○	WATERMAIN PROTECTION
○	○	OVERFLOW ROUTE
○	○	DEVELOPER AREA WHERE GRANULAR TRENCH BACKFILL IS REQUIRED.
○	○	SILT FENCE INLET PROTECTOR OR FILTER FABRIC INLET PROTECTION
○	○	INDICATES REVERSE PITCH
○	○	8"-12" CURB AND GUTTER.
○	○	INDICATES DEPRESSION
○	○	8"-12" CURB AND GUTTER.
○	○	INDICATES RIBBON CURB

SEE SHEET 9

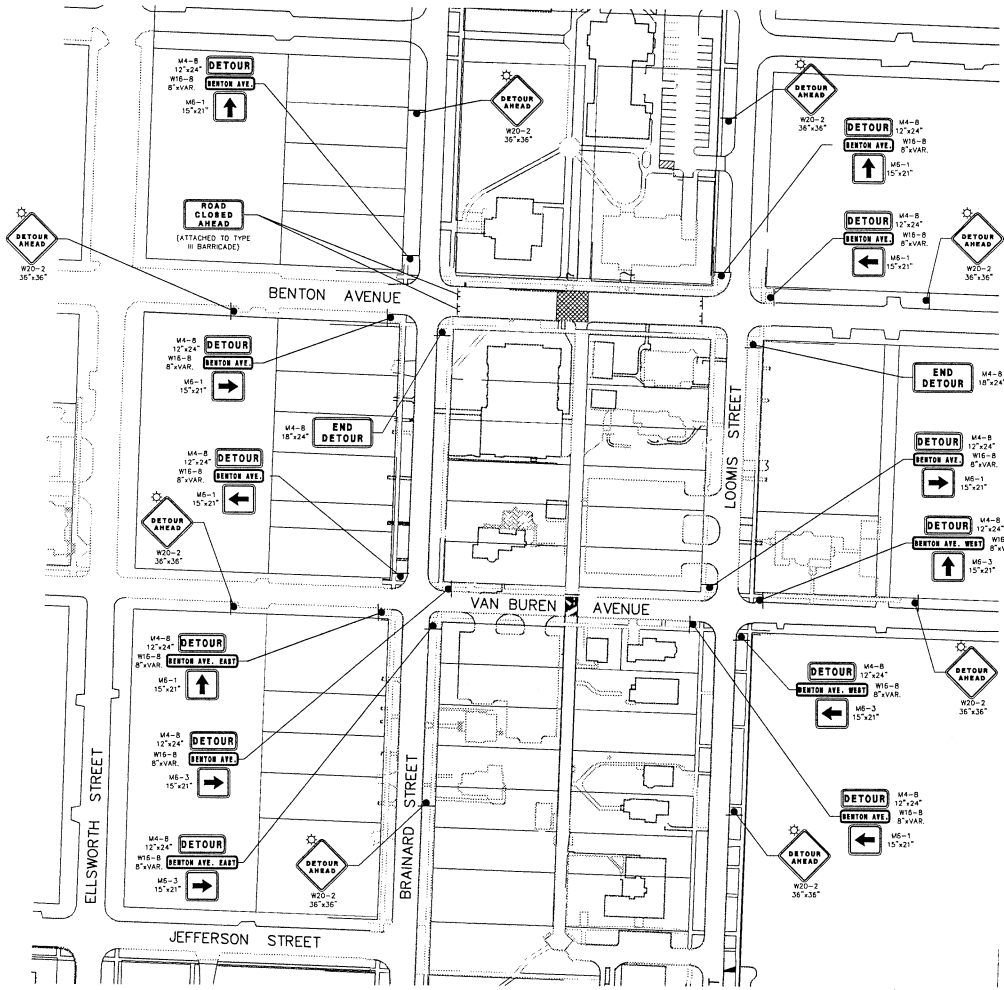
XREF: OVERALL
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NO.		DATE		DESCRIPTION	
25	25-17/20M	REVISED PER CITY REVIEW LETTER DATED 04-27-17			
26	08-13-17/20M	REVISED PER CITY REVIEW LETTER DATED 08-12-17			

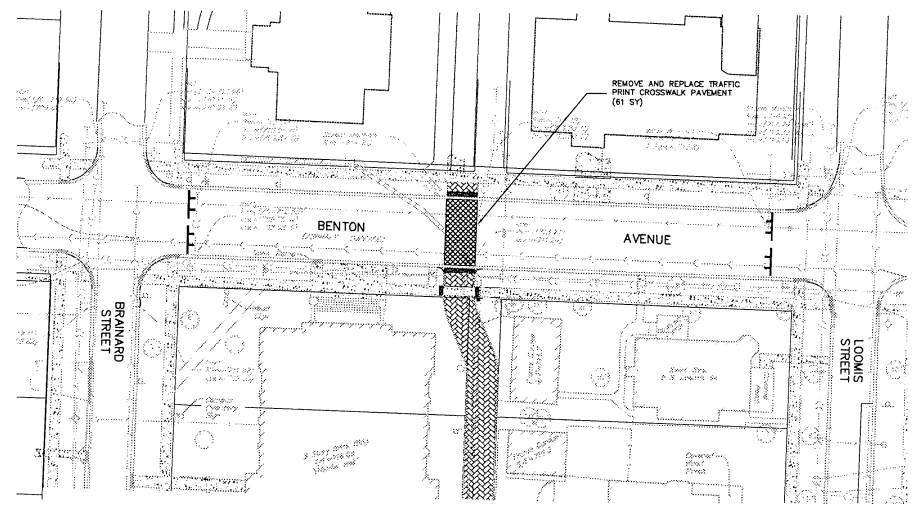
IMPROVEMENT PLAN				
SESQUICENTENNIAL WALKWAY EXTENSION				
FILE NAME: OVR_GRADE	DSGN. BY: DFM	JOB NO.: 409.055	FLO. BK./PG.: ---	SHEET NO. 10 of 11
DIR: 409055	DRN. BY: KMS	DATE: 03-29-17	SCALE: 1" = 20'	



BENTON AVENUE DETOUR PLAN
(NTS)

LEGEND

SYMBOL	DESCRIPTION
[Symbol]	POST MOUNTED SIGN
[Symbol]	TYPE III BARRICADE WITH FLASHING LIGHTS (2 EA.)
[Symbol]	ROAD CLOSURE LOCATION
[Symbol]	FLASHING LIGHT



BENTON AVENUE PLAN
1" = 30'

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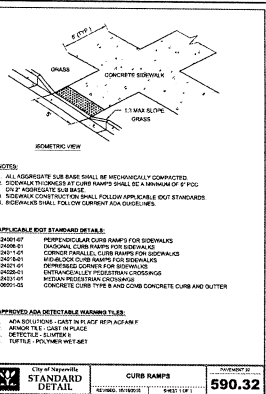
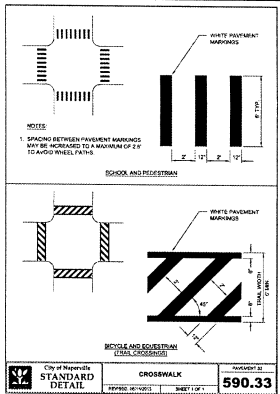


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NO.		DATE		DESCRIPTION	

BENTON AVENUE CROSSWALK SESQUICENTENNIAL WALKWAY EXTENSION					
FILE NAME: BENTON AVE	DSGN. BY: DFM	JOB NO.: 409.055	F.L.D. BK./PG.: -----	SHEET NO.	
DIR: 409055	DRN. BY: DFM	DATE: 03-29-17	SCALE: 1" = NTS	10A of 11	

TAB.10A--BENTON AVE
XREF: OVERALL
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BRICKPRINT FOR CROSSWALKS

The work consists of construction of a hot applied polymer resin based compound known as TrafficPrint™ in crosswalks and sidewalks. The hot applied compound features a yellow and black pattern that is applied with a trowel to a prepared surface. The material shall conform to a mixture of graded aggregate that provides a product with superior abrasion, tracking and drainage resistance characteristics and an easy to clean, chemical resistant and non-slip surface.

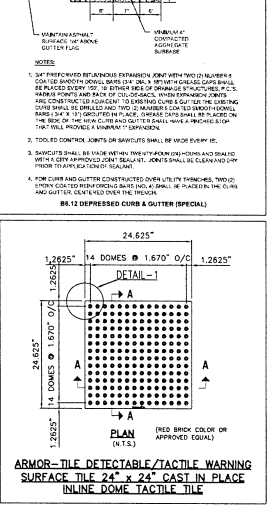
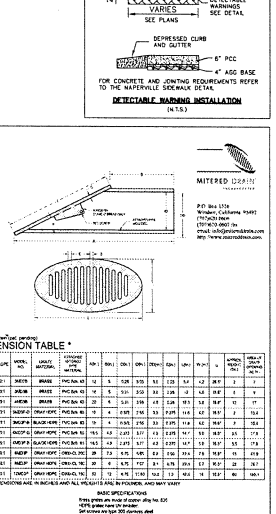
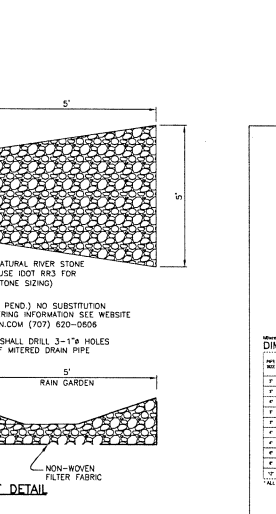
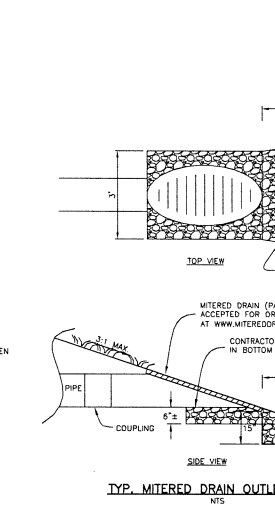
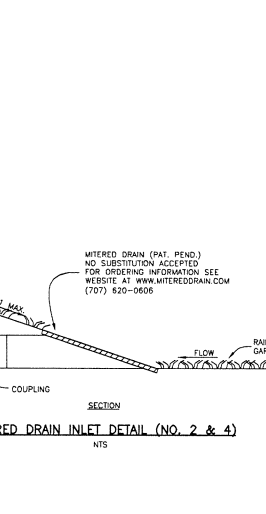
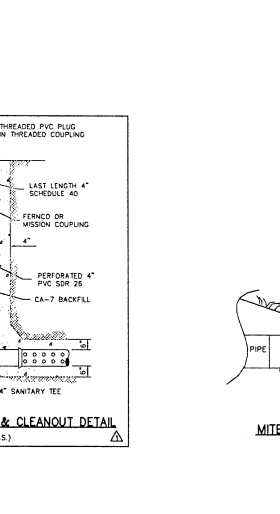
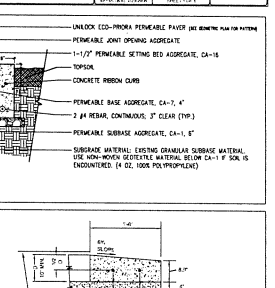
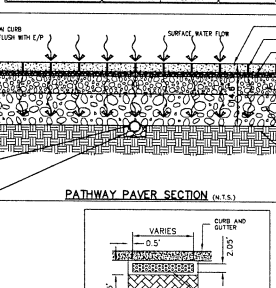
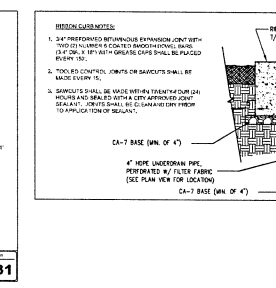
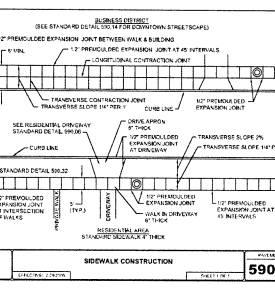
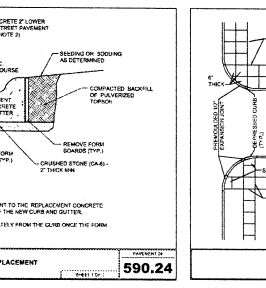
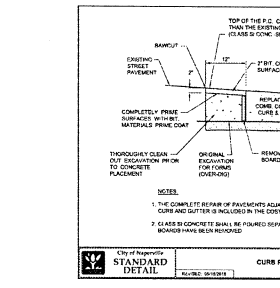
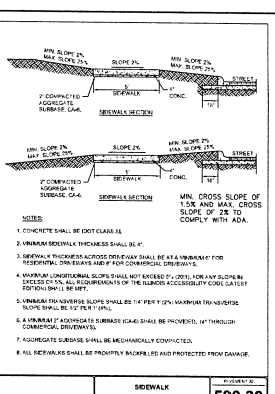
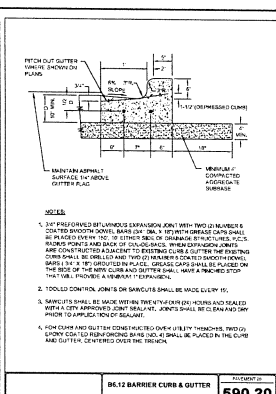
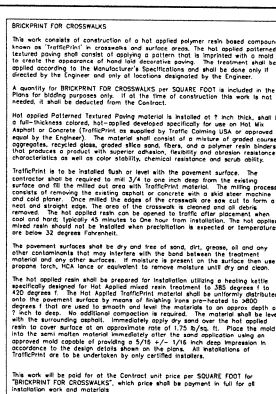
Notes:

1. ALL REPAIRS TO CURB SHALL BE MINIMUM OF 3' LONG.
2. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE CITY STANDARDS.
3. SIDEWALK CONSTRUCTION SHALL FOLLOW APPLICABLE CITY STANDARDS.

APPROVED ADA DETECTABLE WARNING TILES:

1. DETECTABLE TILES
2. DETECTABLE TILES
3. DETECTABLE TILES
4. DETECTABLE TILES

City of Naperville STANDARD DETAIL CROSSWALKS 590.33



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NO.	DATE	REVISION	DESCRIPTION
01	05-23-15/DM	REVISED PER CITY REVIEW LETTER DATED 04-27-17	

NO.	DATE	REVISION	DESCRIPTION

DRAINAGE STRUCTURE AND PAVEMENT DETAILS

SESQUICENTENNIAL WALKWAY EXTENSION

FILE NAME: DETAILS DSGN. BY: DFM JOB NO.: 409.055 FLG. BK. PG.: --- SHEET NO. 11 of 11
DIR: 409055 DRN. BY: KMS DATE: 03-29-17 SCALE: 1" = ---

TAB-11-CONSTR
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