Sampson Construction Co., Inc.
3730 South 14th Street
Lincoln, NE 68502
Phone: (402) 434-5450
FAX: (402) 434-5466

Bid Bulletin #3

PROJECT: Northeast Community College
Applied Technology Building, Physical Plant Building, Sitework

DATE: July 12, 2013

This Bid Bulletin, applicable to the above project, is issued to all known plan holders before receipt of proposals.

This Bid Bulletin includes items 1-1 through 1-3. Each item shall be fully incorporated into the Bidding/Contract Documents and have the same force and effect as though originally included. Bidders shall acknowledge receipt of this Bid Bulletin on the bid form.

Item 1-1 Attached is Addendum #2 from BCDM Architects for the Applied Technology Building, Physical Plant Building, and Sitework dated 7/12/13.

Item 1-2 The soils report provides for two options regarding construction of the building pad (settlement from weight of fill or settlement from surcharge). Earthwork bidders shall bid the project assuming settlement from weight of the fill. The surcharge option is not being considered at this time.

Item 1-3 Bid bulletin #1 added cast in place concrete locker bases. These cast in place locker bases shall be part of Summary of Work 1C- Interior Slabs.

END OF BID BULLETIN #3

ADDENDUM NO. CC-2

to the
Bidding Documents

for

BERINGER CIACCIO DENNELL MABREY
1015 North 98th Street, Suite 300
Omaha, Nebraska 68114

12 July, 2013

APPLIED TECHNOLOGY BUILDING NORTHEAST COMMUNITY COLLEGE
801 East Benjamin Avenue
Norfolk, NE 68702-0469
BCDM Project No. 3527-01

NOTICE TO BIDDERS: The Project Manual and Drawings for the above referenced project are hereby amended as follows:

PROJECT MANUAL

SECTION 03 3000, CAST-IN-PLACE CONCRETE

a. Add paragraph 2.05.A.2.d as follows: "d. Insulation Solutions Inc.: Viper VaporCheck II 15 mil."

SECTION 08 3613, SECTIONAL DOORS

a. Add paragraph 1.02.E. to read "Section 09 9999 – Color Schedule: Sectional Doors

SECTION 08 4313, ALUMINUM-FRAMED STOREFRONTS

a. Delete paragraph 2.05.A in its entirety and replace with "A. Anodized conforming to AA-M10C22A41, AAMA-6AA, Architectural Class 1 Anodic Coating."

SECTION 08 7101, FINISH HARDWARE

a. Revise paragraph 2.02.C to read as follows: 'C. Permanent key cores shall be shipped directly to the Owner uncombinated and with blank keys. Three (3) blank keys shall be provided per core. Owner shall perform combinating and installation of permanent key cores."
b. Page 08 7101-14, Hardware Group No. 13, add Door#(s) "171" and "171.1".

SECTION 10 5100, LOCKERS

a. At paragraph 2.03.H. Delete "digilock". At the end of the paragraph add "Provide 14 ADA compliant lockers, locations to be verified with owner."
b. At paragraph 202.A, delete "ASTM A 653/A 653M SS Grade 33/230, with G60/Z180 coating" and replace with "ASTM A 1008, Class 1, mild-annealed, cold-rolled steel, free from surface imperfections."

SECTION 13 3419, METAL BUILDING SYSTEMS

a. Delete paragraph 2.07.B in its entirety.
b. Delete paragraph 2.11.B in its entirety and replace with "B. Substrate shall be Galvalume AZ50 coating in accordance with ASTM A792. Sheets shall be coated with a fluoropolymer topcoat containing not less than 70% polyvinylidene fluoride (PVDF) over primer with a total Dry Film Thickness of 0.8-1.0 mil."
c. Delete paragraph 2.14.C in its entirety. There are no skylights in this project.

Revisions to Mechanical and Electrical specifications shall be per the attachment from Morrissey Engineering

DRAWINGS

SHEET A1-1A, FLOOR PLAN AREA 'A'

a. Detail 1: Add doors 171 and 171.1 per the attached partial floor plan, see ASD-6.

SHEET A1-1B, FLOOR PLAN AREA 'B'

a. Detail 1: Revise the mechanical screen wall construction and provide a drainage opening within the wall per the attached partial floor plan, see ASD-3.

SHEET A1-5, PLAN DETAILS

a. Detail 1: Delete the Metal Studs shown behind the flange of the M.B.S. Column.
b. Detail 9: Revise mechanical screen wall construction as shown per the attached ASD-4.
c. Detail 9A: Revise the CMU Wall cap construction as shown per the attached ASD-5.

SHEET A3-1, BUILDING SECTION AREA 'A'

a. Detail 7: Delete "Furring Hat Channel" note and "Sliptrack" note. Delete "5/98" GWB" and substitute "5/8" GWB".
b. Detail 8: Revised the HM Frames shown to Aluminum per the attached detail 8 on ASD-7.

SHEET A3-2, BUILDING CROSS SECTIONS AREA 'A' AND 'B'

a. Add Typ. Corridor 101 Wall Section detail 5/A3-2, see ASD-9.
b. Detail 1: Add reference callout for new enlarged detail shown on ASD-9 at upper portion of wall at Column Line S.L. 8.3.

SHEET A4-1, DOOR AND WINDOW FRAMES

a. Door and Frame Schedule: Add Door 171 to read:
   Door 171, 3'-0", 7'-0", B-PR, HM, P-3, C, 0'-8 ¼" HM, P-3, 7,5,13,--,--,CTG
b. Door and Frame Schedule: Add Door 171.1 to read:
   Door 171.1, 3'-0", 7'-0", B-PR, HM, P-3, C, 0'-8 ¾", HM, P-3, 1,2,13,--,--,CTG
d. Door and Frame Schedule: At door 100.1, revise door schedule to read:
   Door 100.1, 3'-0", 7'-0", C-PR, ALUM, PF, Q.1, 0'-4 ½", ALUM, PF, 8/A3-1, 21,4,--,--,CTG
e. Door and Frame Schedule: At doors 107.1 and 108.1, revise door schedule to read:
   Door 107.1 (108.1) 3'-0", 7'-0", C-PR, ALUM, PR, R.1, 0'-4 ½", ALUM, PF, 8/A3-1 SIM., 21, 4A, --, --, CTG

SHEET A4-2, DOOR AND FRAME DETAILS

a. Detail 1: Add aluminum jamb detail 21 per the attached detail 21 on ASD-7.

SHEET A5-1A, REFLECTED CEILING PLAN AREA 'A'

a. Detail 1: At Room 196, delete note reading "Exp. Structure. No M.B.S. Insulation Under Base Bid" and substitute "Per Base Bid, provide M.B.S. Soffit panels on underside of roof purlins. Per Alternate AT-1, delete the M.B.S. Soffit panels and provide M.B.S. Roof Insulation."
b. Detail 1: At the chase between Men 154 and Women 153, delete the GWB ceiling and light fixtures shown.

SHEET A5-1B, REFLECTED CEILING PLAN AREA 'B'

a. Detail 1: At the chase between Men 111 and Women 112, delete the GWB and ATC ceiling and light fixtures shown.

SHEET A5-2, CEILING DETAILS

a. Detail 2: Revise framing per the attached detail 2 on ASD-10.

b. Add Typical Bulkhead Detail at Corr. 150 Detail 6/A5-2, see ASD-8.

SHEET A6-2, INTERIOR ELEVATIONS

a. At details 6, 7 and 9, change plastic laminate color at counter tops to be **"PL-3"** in lieu of "PL-2".

SHEET S1-0A, FOUNDATION PLAN-AREA 'A'

a. Detail 1: Modify stoop originally shown in Addendum 1 SSD-3 to L-shaped stoop shown in SSD-8
b. Detail 1: Revise depth of continuous footing on column line 5 between column line A.5 and steel line A from 1'-0" to 3'-0". North of A.5 stays 1'-0"

SHEET S1-0B, FOUNDATION PLAN-AREA 'B'

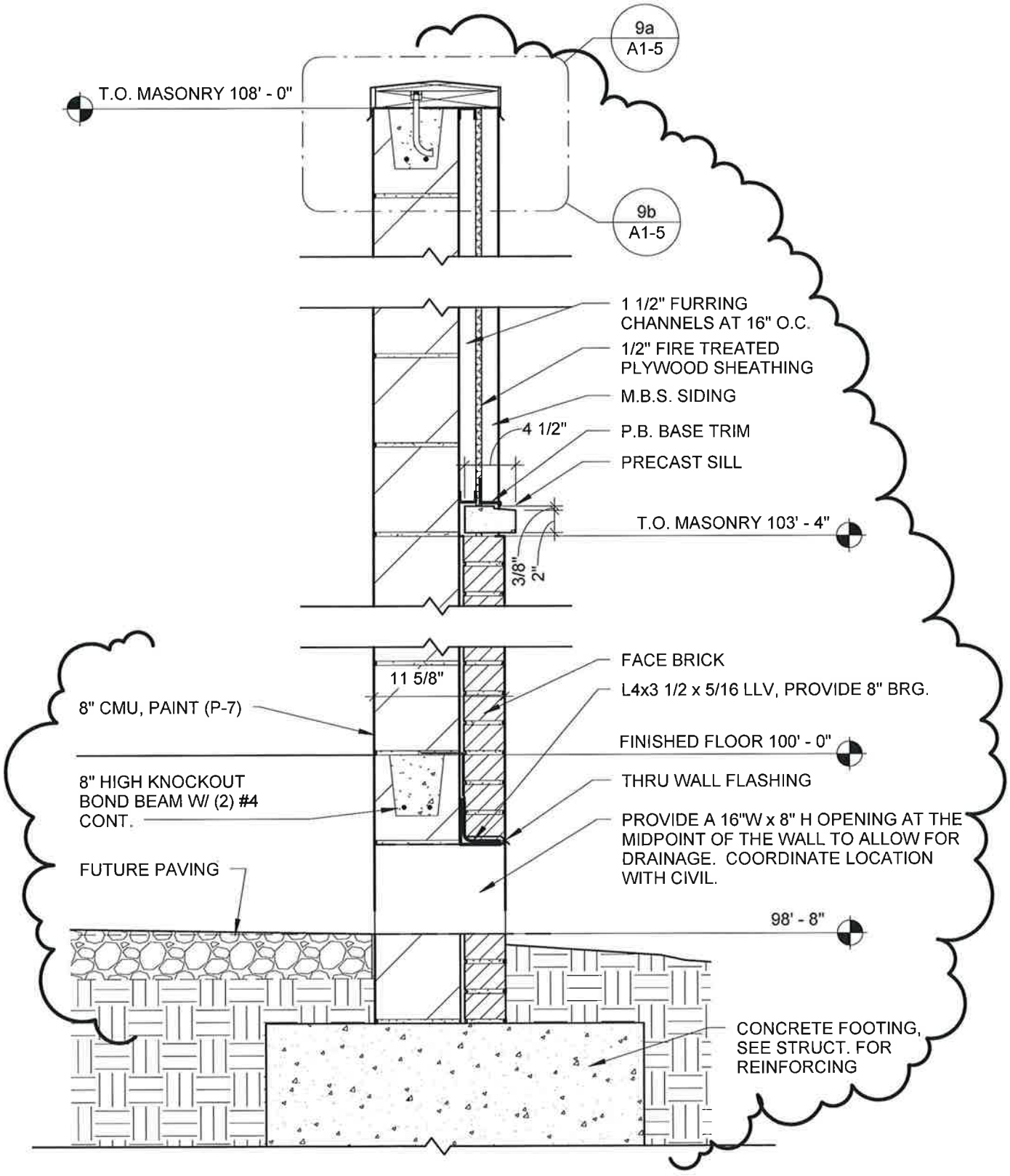
a. Detail 1: Revise top of footing elevation at exterior mechanical equipment screen wall from 99'-4" to 98'-0"
b. Detail 1: Revise depth of footing at exterior mechanical equipment screen wall from 1'-0" to 3'-0"
c. Detail 1: Label size of continuous footing on column line 12 between column line A.5 and steel line A to be "2'-0"W x 3'-0"D CONT. FTG w/ (3) #5 CONT. & #4 TIES @ 48" O.C."

SHEET S2-1, CONCRETE DETAILS

a. Detail 5: Add 2 notes to hinged slab, "EXTEND #4 @ 12" O.C. TO FIRST SIDEWALK C.J." with arrow to longitudinal bars and "#4 @ 18" O.C. UNTIL FIRST C.J." with arrow to transverse bars.
b. Detail 9: Delete this detail in it's entirety
c. Detail 12: Add detail 12/S2-1 SLAB ON GRADE DETAILS; See SSD-9

Revisions to Mechanical and Electrical drawings shall be per the attachment from Morrissey Engineering

END OF ADDENDUM



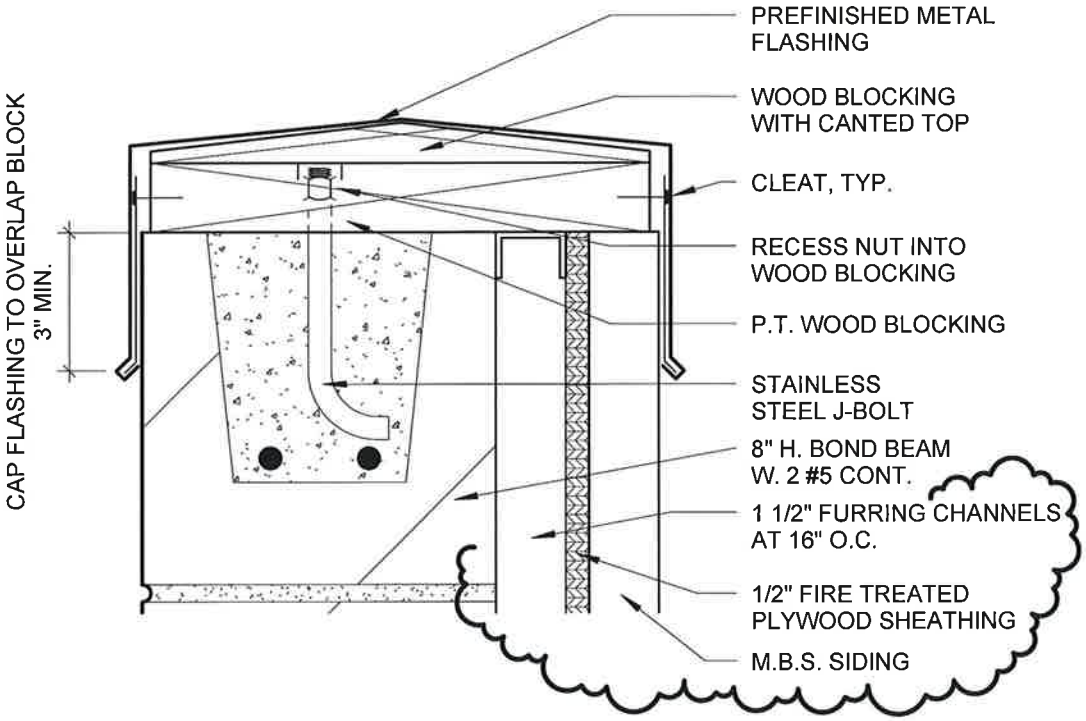
9 SECTION THROUGH SCREEN WALL
1" = 1'-0"

bcdm

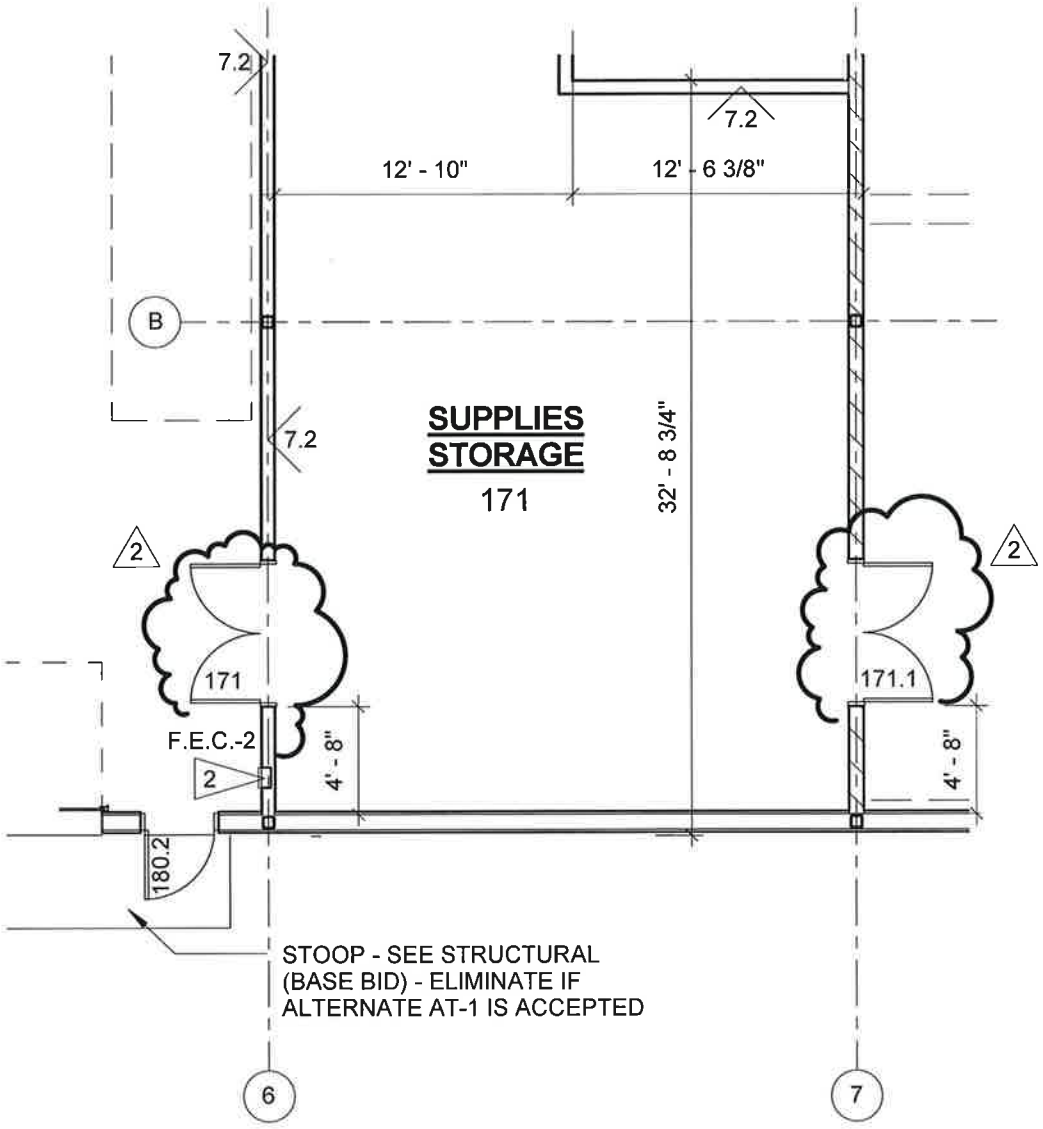
APPLIED TECHNOLOGY BUILDING Norfolk, NE 68702-0469

3527-01	DRAWING REFERENCED: 9/A1-5	ATTACHMENT
7/11/2013 3:35:19 PM	ADDM CC-2	ASD-4

BERINGER CIACCIO DENNELL MABREY



9A CMU WALL CAP
3" = 1'-0"



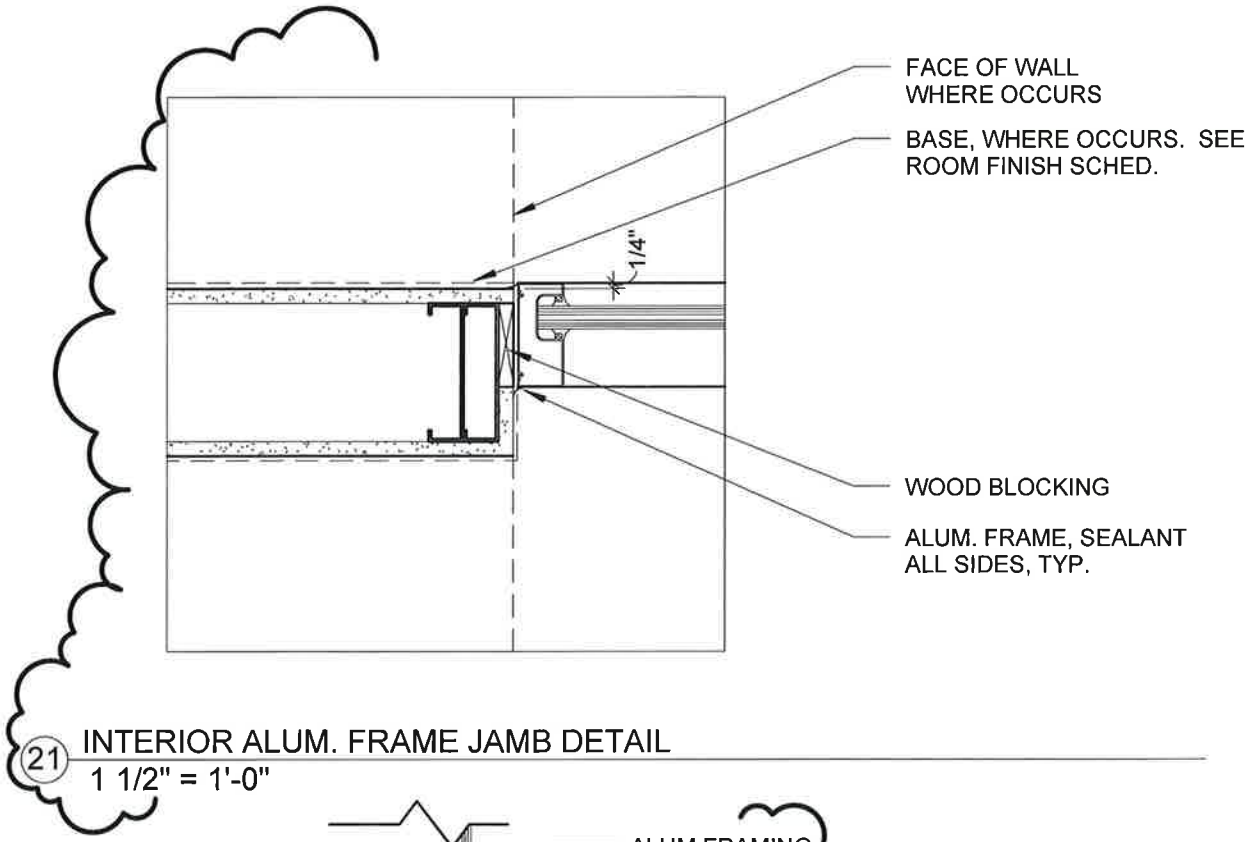
1 FLOOR PLAN 'AREA A'
1/8" = 1'-0"

bcdm

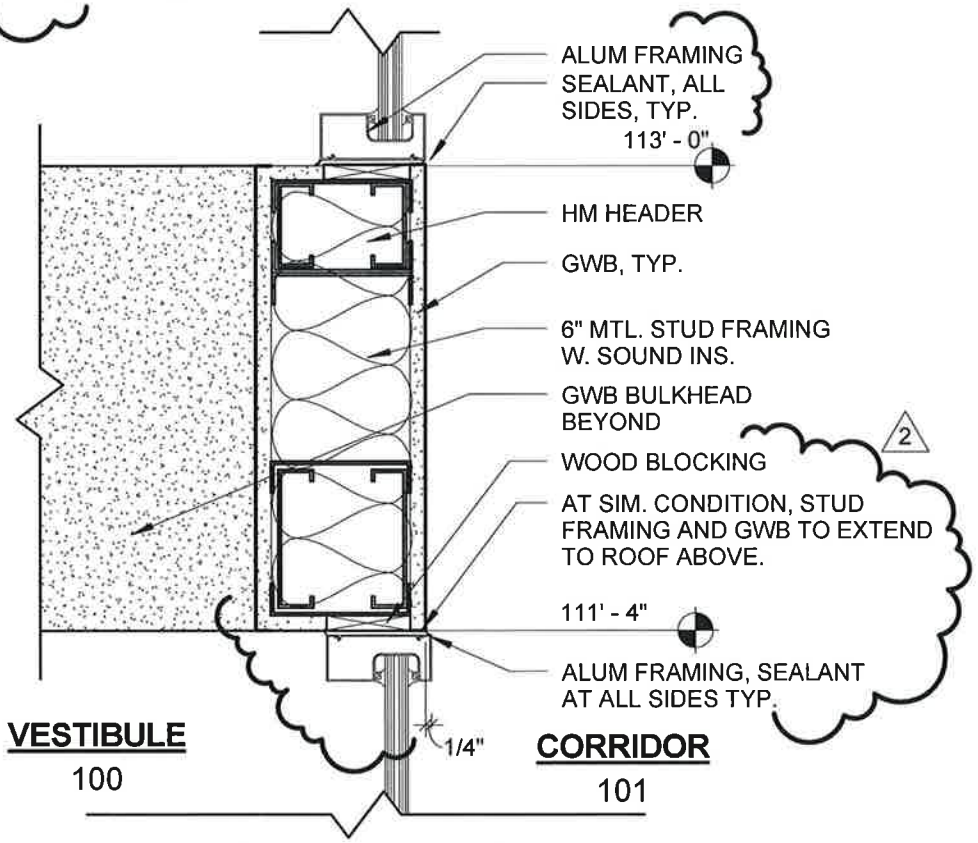
APPLIED TECHNOLOGY BUILDING Norfolk, NE 68702-0469

3527-01	DRAWING REFERENCED: 1/A1-1A	ATTACHMENT
7/12/2013 8:51:54 AM	ADDM CC-2	ASD-6

BERINGER CIACCIO DENNELL MABREY



21 INTERIOR ALUM. FRAME JAMB DETAIL
1 1/2" = 1'-0"

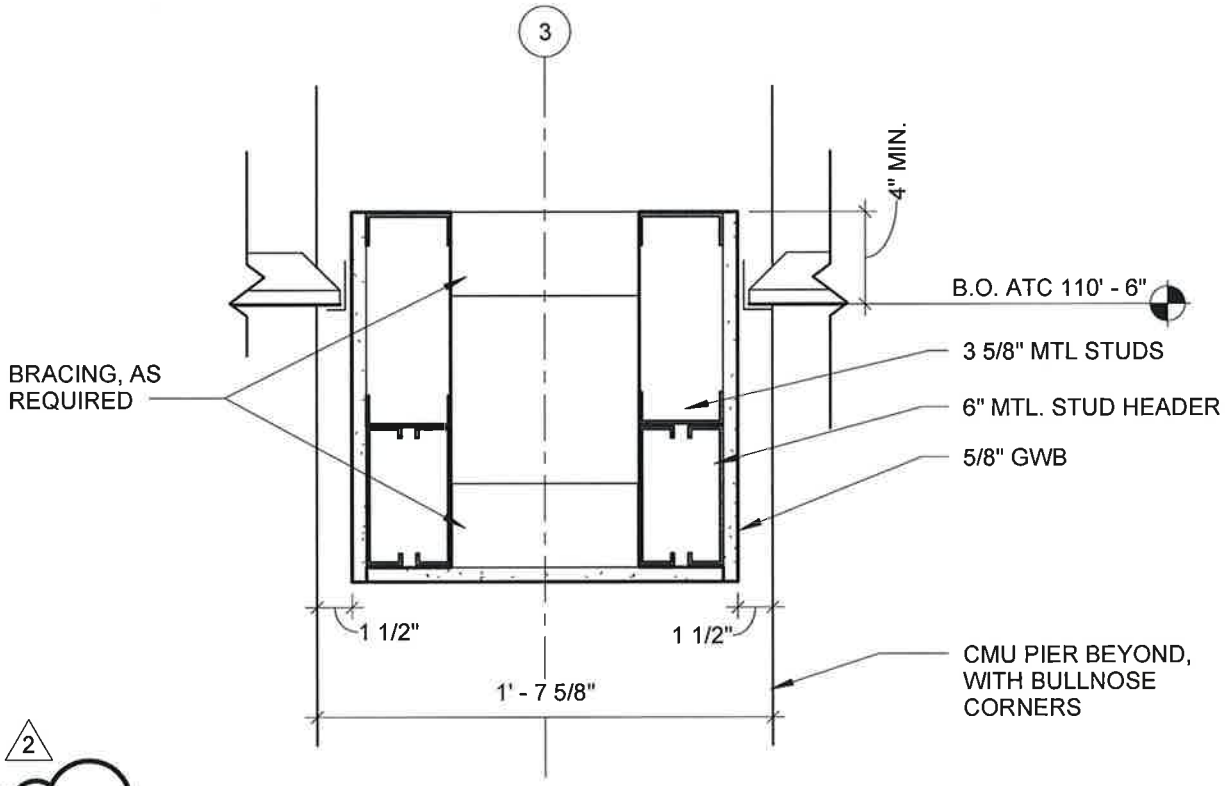


8 INTERIOR DOOR DETAIL AT VESTIBULE 100
1 1/2" = 1'-0"

bcdm

APPLIED TECHNOLOGY BUILDING Norfolk, NE 68702-0469

3527-01	DRAWING REFERENCED: 8/A3-1 & 21/A4-2	ATTACHMENT
7/12/2013 10:54:53 AM	ADDM CC-2	ASD-7

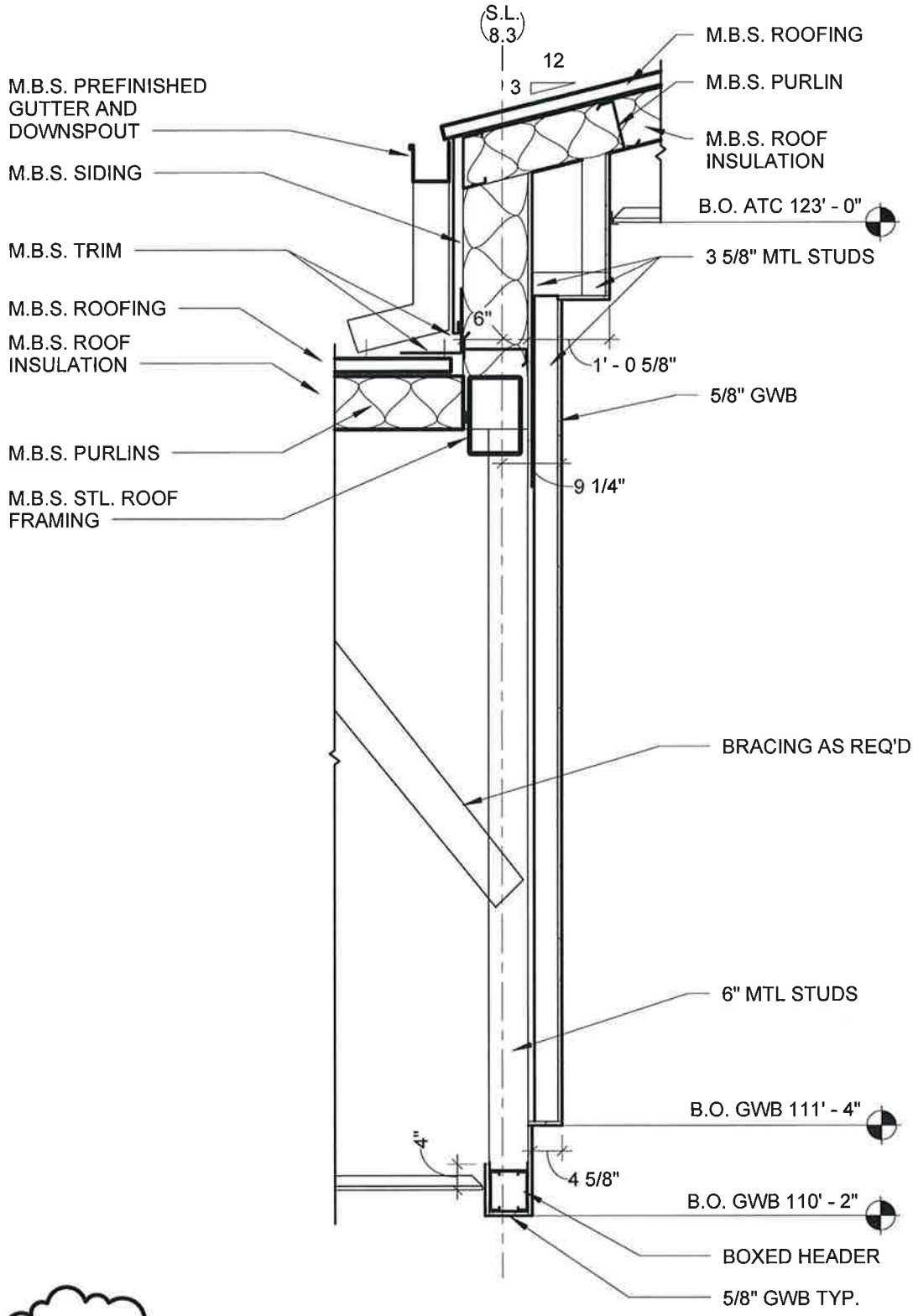


2

6 TYP. BULKHEAD DETAIL AT CORR. 150
1 1/2" = 1'-0"

APPLIED TECHNOLOGY BUILDING Norfolk, NE 68702-0469

3527-01	DRAWING REFERENCED: A5-2	ATTACHMENT
7/12/2013 11:00:21 AM	ADDM CC-2	ASD-8



2

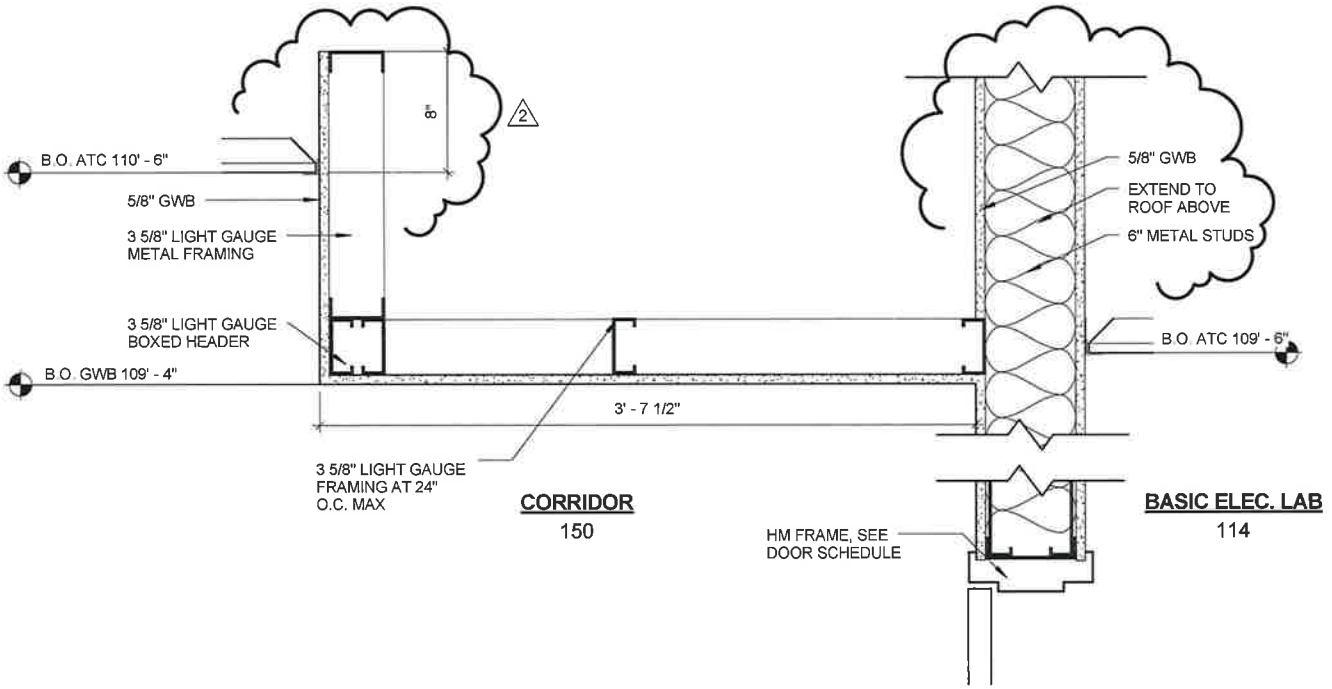
5 TYP. CORRIDOR 101 WALL SECTION

1/2" = 1'-0"

APPLIED TECHNOLOGY BUILDING Norfolk, NE 68702-0469

3527-01	DRAWING REFERENCED: 1/A3-2	ATTACHMENT
7/12/2013 11:25:47 AM	ADDM CC-2	ASD-9

BERINGER CIACCIO DENNELL MABREY

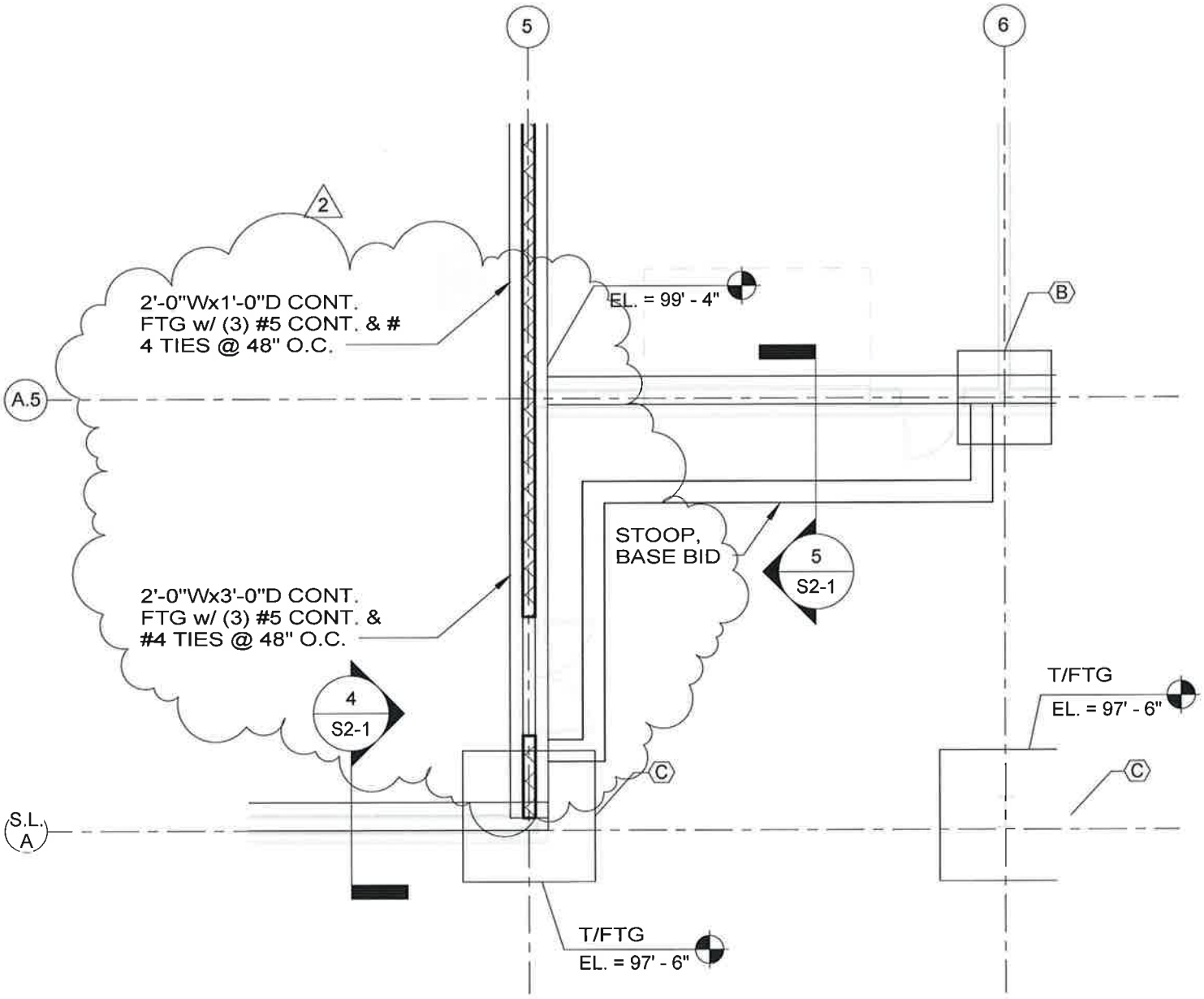


2 SECTION THROUGH CLASSROOM ENTRY - ASD-10
1 1/2" = 1'-0"

APPLIED TECHNOLOGY BUILDING
Norfolk, NE 68702-0469

3527-01	DRAWING REFERENCED:	2/A5-2	ATTACHMENT
7/12/2013 11:47:11 AM		ADDM CC-2	ASD-10

bcdm architects
BERINGER CIACCIO DENNELL MABREY



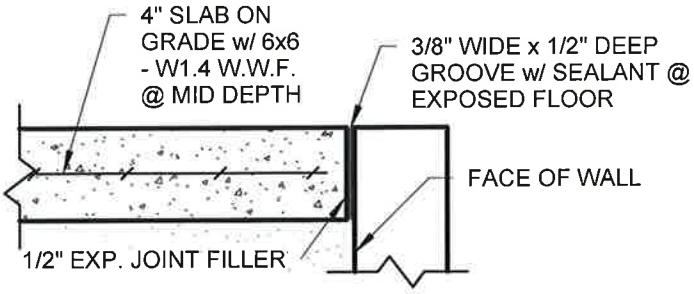
1 FOUNDATION PLAN - AREA 'A'
1/8" = 1'-0"

bcdm architects

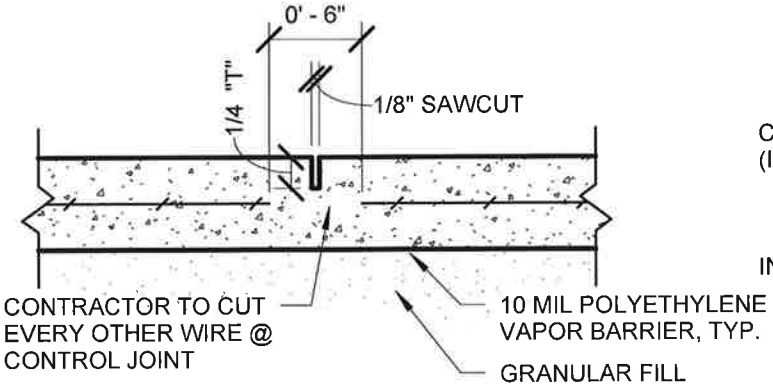
APPLIED TECHNOLOGY BUILDING

3527-01	DRAWING REFERENCED: S1-0A	ATTACHMENT
7/11/2013 4:19:10 PM		SSD-8

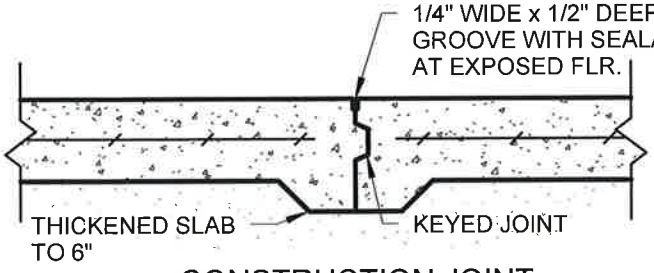
BERINGER CIACCIO DENNELL MABREY



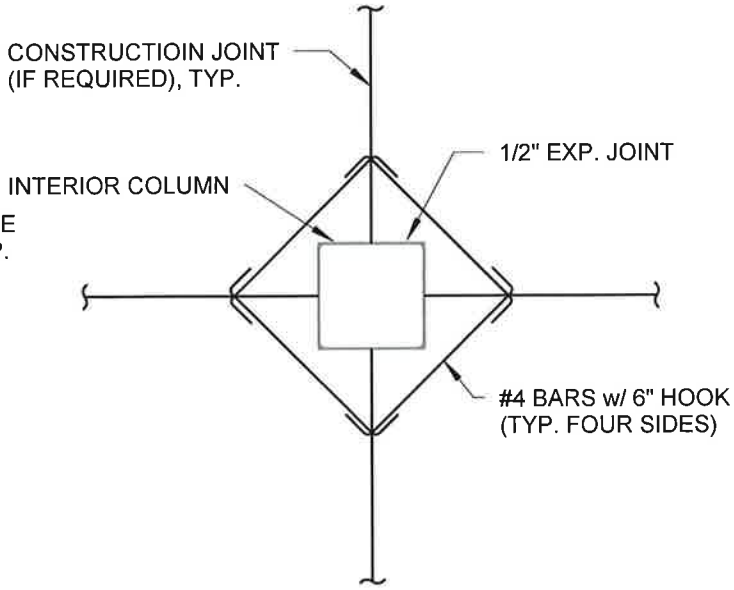
EXPANSION JOINT



SAWED CONTROL JOINT



CONSTRUCTION JOINT



TYPICAL SLAB JOINT AND REINFORCEMENT AROUND COLUMN

(1) SLAB ON GRADE DETAILS

1" = 1'-0"

addendum

morrissey engineering inc
mechanical | electrical | technology | commissioning

addendum no. 2

date: 07-11-2013

bid date:

project name: Applied Technology Building

project no: 12102

This addendum is hereby made a part of the contract documents to the same extent as if it were originally included therein. Contract documents shall be considered modified or revised as hereinafter described.

Mechanical Specifications

1. General - The following manufacturers have been approved for the listed items. **All items shall meet the requirements of the construction documents, specifications and are subject for review during shop drawing submittal:**

Specification Section	Manufacturer
a. 23 21 13 Hydronic Piping (Valves)	Nexus Valve
b. 23 21 13 Hydronic Piping (Valves)	Pro Hydronics
c. 23 21 13 Hydronic Piping (Glycol Make-Up Package)	Neptune
d. 23 21 13 Hydronic Piping (Air Separators)	Patterson
e. 23 21 13 Hydronic Piping (Expansion Tanks)	Patterson
f. 23 21 23 Hydronic Pumps	Patterson
g. 23 31 13 Metal Ducts and Accessories (Volume Dampers)	NCA Mfg.
h. 23 31 13 Metal Ducts and Accessories (Volume Dampers)	United Enertech
i. 23 31 13 Metal Ducts and Accessories (Fire & Smoke Dampers)	NCA Mfg.
j. 23 31 13 Metal Ducts and Accessories (Fire & Smoke Dampers)	United Enertech
k. 23 31 13 Metal Ducts and Accessories (Duct Access Doors)	United Enertech
l. 23 31 13 Metal Ducts and Accessories (Duct Access Doors)	Elgen Mfg.
m. 23 31 13 Metal Ducts and Accessories (Louvers)	NCA Mfg.
n. 23 31 13 Metal Ducts and Accessories (Louvers)	United Enertech
o. 23 31 13 Metal Ducts and Accessories (Roof Hoods)	NCA Mfg.
p. 23 31 13 Metal Ducts and Accessories (Roof Hoods)	United Enertech
q. 23 31 13 Metal Ducts and Accessories (Fabric Duct)	Air Distribution Concepts
r. 23 31 13 Metal Ducts and Accessories (Gas Vents)	Schebler Chimney
s. 23 82 39 Propeller Unit Heaters	Sigma
t. 23 82 39 Propeller Unit Heaters	Zehnder-Rittling
u. 23 82 39 Propeller Unit Heaters	Vulcan

2. Section 23 52 39 Boilers - Add the following requirements for the boiler burner:

   a. Burner shall come complete with a high efficiency, totally enclosed fan cooled motor (TEFC) 120 volt, 1 phase, 60 Hz, and a dynamically balanced reversed incline blower wheel.

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P: 402.491.4144
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b. Flame safeguard control system

Electrical:

1. Sheet E3-1A Floor Plan - Special Systems - Area A - Special Systems
   a. See sketch E3-1Aa.

2. Sheet E3-1B Floor Plan - Special Systems - Area A - Special Systems
   a. See sketch E3-1Ba.

3. Sheet E4-1 Floor Plan - Power Riser Diagrams and Schedules
   a. See sketch E4-1a

4. Sheet E4-3 Floor Plan - Electrical Schedules
   a. See sketch E4-3a and E4-3b.

5. Sheet E5-3 Floor Plan - Electrical Details
   a. See sketch E5-3a.

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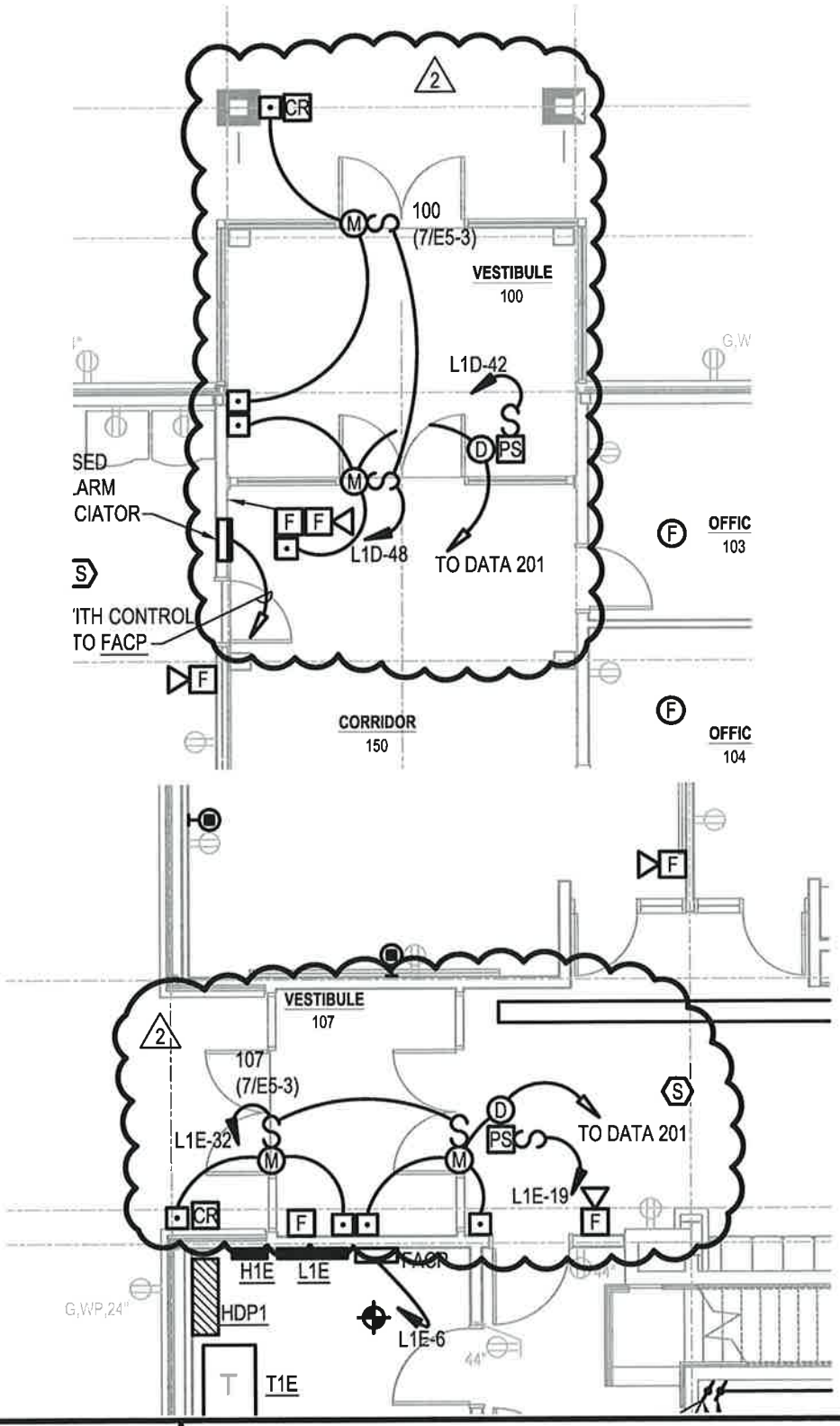

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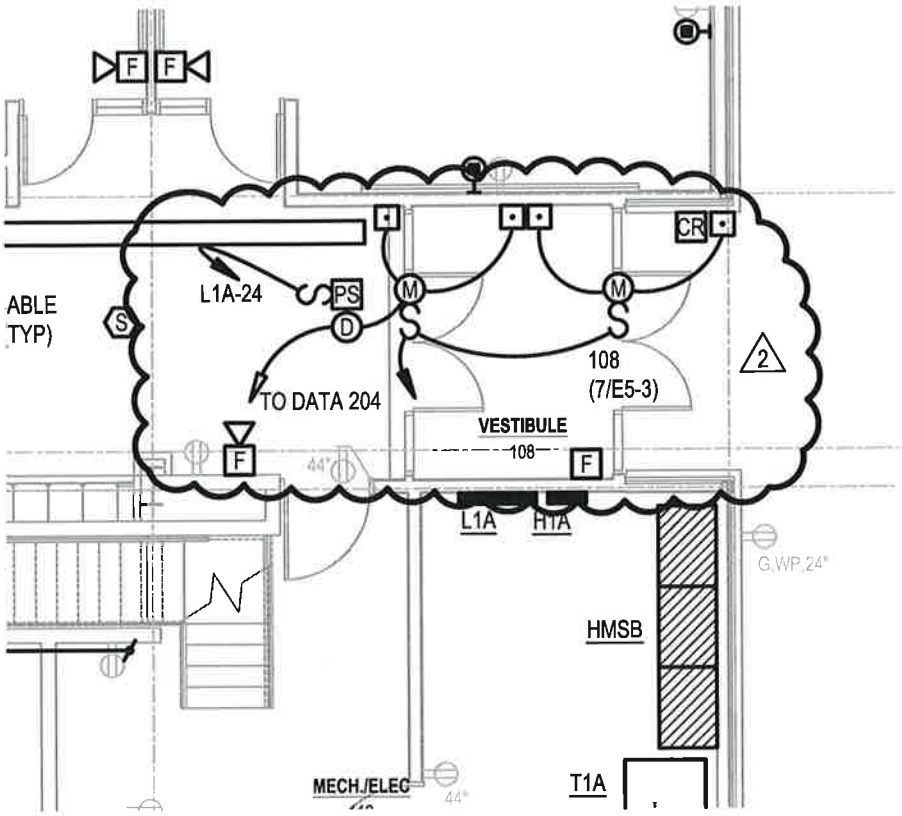
APPLIED TECHNOLOGY BUILDING
NORTHEAST COMMUNITY COLLEGE
801 EAST BENJAMIN AV., NORFOLK, NE

project no.:	12102	drawing referenced:	E3-1A
date:	07/11/2013	addendum no.:	2

sketch E3-1Aa



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APPLIED TECHNOLOGY BUILDING
NORTHEAST COMMUNITY COLLEGE
801 EAST BENJAMIN AV., NORFOLK, NE

project no.:	12102	drawing referenced:	E3-1B
date:	07/11/2013	addendum no.:	2

sketch E3-1Ba

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APPLIED TECHNOLOGY BUILDING
NORTHEAST COMMUNITY COLLEGE
801 EAST BENJAMIN AV., NORFOLK, NE

project no.:	12102	drawing referenced:	E4-1	E4-1a
date:	06/28/2013	addendum no.:	2	sketch

LIGHTING PANEL SCHEDULE (2ND TUB)

LIGHTING PANEL:	**L1D**	VOLTAGE:	**208/120V**
RATING:	**225A**	PHASE:	**3**
MOUNTING:	**SURFACE**	WIRE:	**4**
TYPE:	**MLO W/ GND. BAR**	A.I.C. RATING:	**SERIES**

DESCRIPTION	O/C	CKT.		O/C	DESCRIPTION
ELECTRIC DOOR	20/1	43	44	20/1	UH-1
OVERHEAD DOOR	20/1	45	46	20/1	UH-1
OVERHEAD DOOR	20/1	47	48	20/1	DOOR OPERATOR 2
SPARE	20/1	49	50	20/1	SPARE
SPARE	20/1	51	52	20/1	SPARE
SPARE	20/1	53	54	20/1	SPARE
SPACE		55	56		SPACE
SPACE		57	58		SPACE
SPACE		59	60		SPACE
SPACE		61	62		SPACE
SPACE		63	64		SPACE
SPACE		65	66		SPACE
SPACE		67	68		SPACE
SPACE		69	70		SPACE
SPACE		71	72		SPACE
SPACE		73	74		SPACE
SPACE		75	76		SPACE
SPACE		77	78		SPACE
SPACE		79	80		SPACE
SPACE		81	82		SPACE
SPACE		83	84		SPACE

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APPLIED TECHNOLOGY BUILDING
NORTHEAST COMMUNITY COLLEGE
801 EAST BENJAMIN AV., NORFOLK, NE

project no.:	12103	drawing referenced:	E4-3
date:	07/11/2013	addendum no.:	2

sketch E4-3a

LIGHTING PANEL SCHEDULE

LIGHTING PANEL:	**L1E**	VOLTAGE:	**208/120V**
RATING:	**225A**	PHASE:	**3**
MOUNTING:	**SURFACE**	WIRE:	**4**
TYPE:	**MLO W/SUB FEED LUGS AND GND. BAR**	A.I.C. RATING:	**SERIES**
			INTEGRAL SPD

DESCRIPTION	O/C	CKT.		O/C	DESCRIPTION
REC - CLASSRM 158	20/1	1	2	20/1	REC - OFFICE 198
REC - CLASSRM 158	20/1	3	4	20/1	REC - CORRIDOR 150
EH-1	30/2	5	6	20/1	FIRE ALARM CONTROL PANEL
---	---	7	8	20/1	REC - MECH MEZZ
REC - EXTERIOR	20/1	9	10	20/1	B1
UH-3	20/1	11	12	20/1	B2
UH-3	20/1	13	14	20/1	B3
TEMPERATURE CONTROL PANEL	20/1	15	16	20/1	EMERG. BOILER SHUTOFF
GT-1	20/1	17	18	35/3	HWP-1A (VFD-HWP1A)
ELECTRIC DOOR	20/1	19	20	---	---
ELECTRIC DOOR	20/1	21	22	---	---
UH-1	20/1	23	24	35/3	HWP-1B (VFD-HWP1B)
UH-1	20/1	25	26	---	---
OVERHEAD DOOR	20/1	27	28	---	---
ACCU-1 (AC-1)	25/1	29	30	20/1	TEMPERATURE CONTROL PANEL
EF-1	20/1	31	32	20/1	DOOR OPERATOR
SPARE	20/1	33	34	20/1	SPARE
SPARE	20/1	35	36	20/1	SPARE
SPARE	20/1	37	38	20/1	SPARE
SPARE	20/1	39	40	20/1	SPARE
SPARE	20/1	41	42	20/1	SPARE

2

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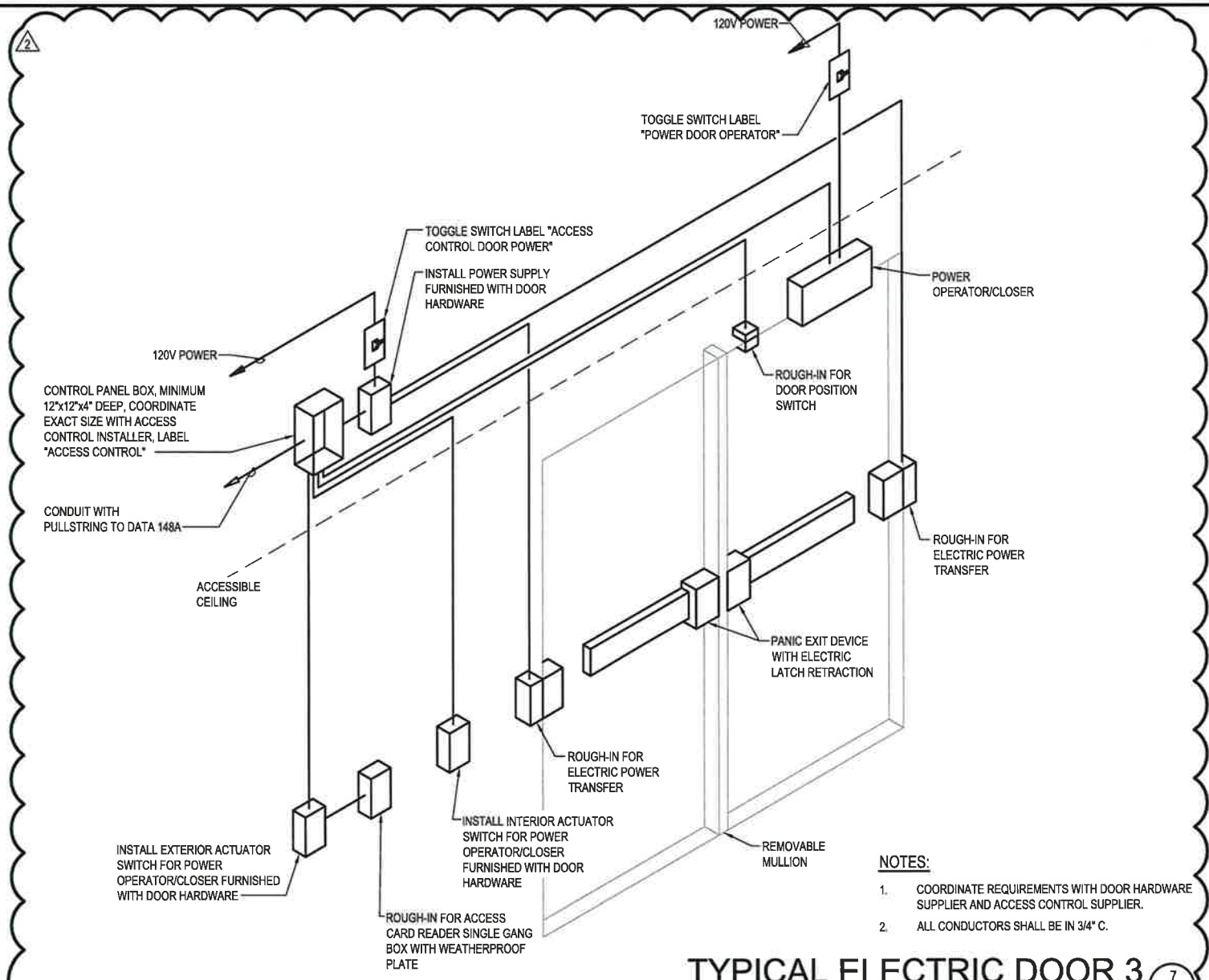
APPLIED TECHNOLOGY BUILDING
NORTHEAST COMMUNITY COLLEGE
801 EAST BENJAMIN AV., NORFOLK, NE

project no.:	12103	drawing referenced:	E4-3
date:	07/11/2013	addendum no.:	2

sketch E4-3b



TYPICAL ELECTRIC DOOR 3

DOUBLE LEAF, CARD READER, POWER OPERATOR

NO SCALE

7 E5-3

APPLIED TECHNOLOGY BUILDING
NORTHEAST COMMUNITY COLLEGE
801 EAST BENJAMIN AV., NORFOLK, NE

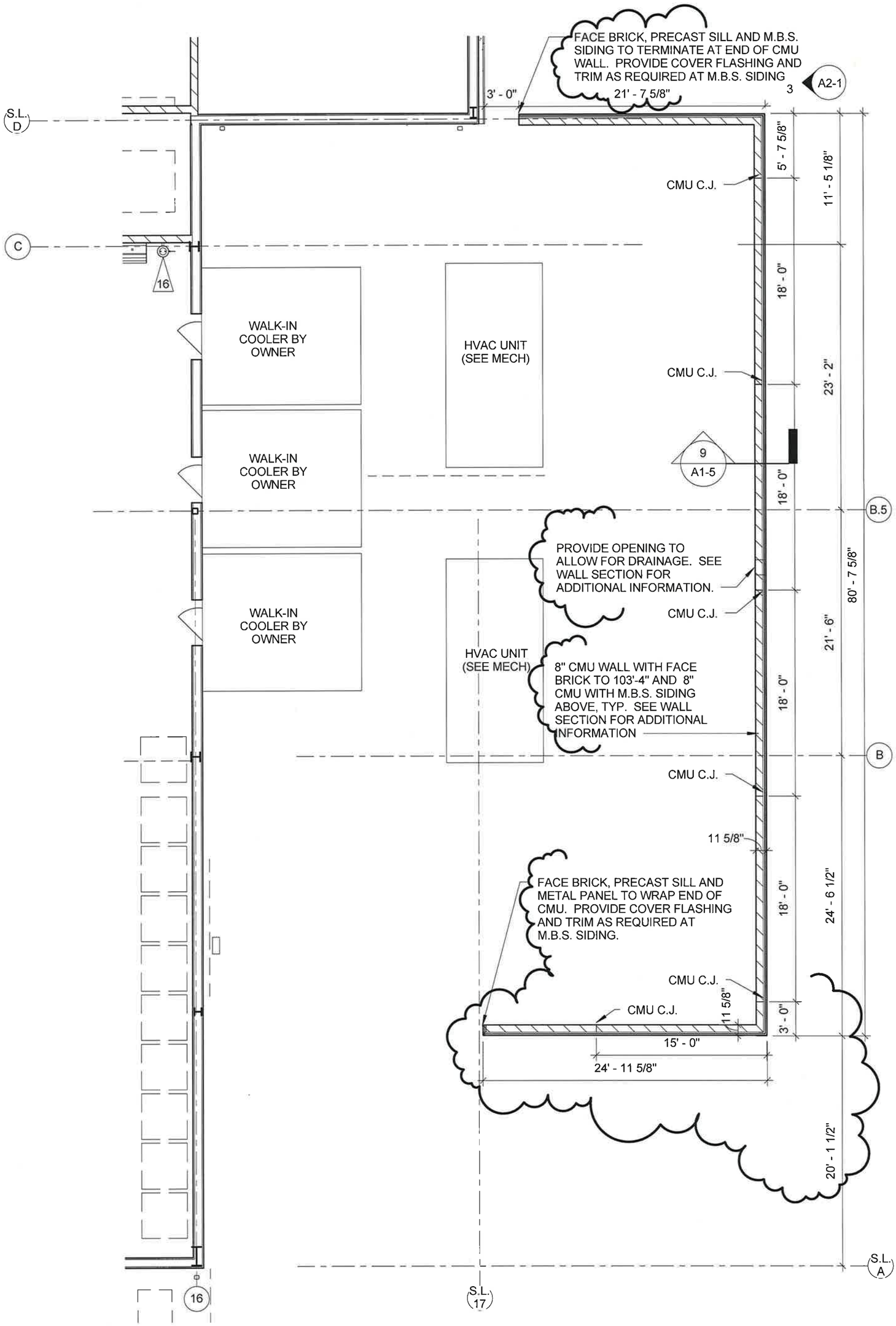
E5-3a

E5-3

project no.: 12102 drawing referenced:

date: 07/11/2013 addendum no.: 2 sketch

morrissey engineering inc
mechanical | electrical | technology | commissioning
4040 North 155th Street
Omaha, NE 68164
Ph. 402.491.4444
www.morrisseyengineering.com



1 FLOOR PLAN 'AREA B'
1/8" = 1'-0"

APPLIED TECHNOLOGY BUILDING

Norfolk, NE 68702-0469

3527-01	DRAWING REFERENCED:	1/A1-1B	ATTACHMENT
7/12/2013 9:12:45 AM		ADDM CC-2	ASD-3

bcdm architects

BERINGER CIACCIO DENNELL MABREY

ADDENDUM NO. CC-2

to the
Bidding Documents

for

BERINGER CIACCIO DENNELL MABREY
1015 North 98th Street, Suite 300
Omaha, Nebraska 68114

12 July, 2013

PHYSICAL PLANT BUILDING NORTHEAST COMMUNITY COLLEGE
801 East Benjamin Avenue
Norfolk, NE 68702-0469
BCDM Project No. 3526-01

NOTICE TO BIDDERS: The Project Manual and Drawings for the above referenced project are hereby amended as follows:

PROJECT MANUAL

SECTION 03 3000, CAST-IN-PLACE CONCRETE

a. Add paragraph 2.05.A.2.d as follows: "d. Insulation Solutions Inc.: Viper VaporCheck II 15 mil."

SECTION 08 3613, SECTIONAL DOORS

a. Add paragraph 1.02.E. to read "Section 09 9999 – Color Schedule: Sectional Doors
b. At paragraph 2.05.G. revise last sentence to read "Provide pneumatically actuated automatic bottom bar at doors 18'-0" wide and less and photoelectric sensors monitored to meet UL 325/2010 at doors over 18'-0" wide. Mount the photoelectric sensors at 4'-0" +/- above the floor. Verify the exact height with the owner."

SECTION 08 4313, ALUMINUM-FRAMED STOREFRONTS

c. Delete paragraph 2.05.A in its entirety and replace with "A. Anodized conforming to AA-M10C22A41, AAMA-6AA, Architectural Class 1 Anodic Coating."

SECTION 08 7101, FINISH HARDWARED

a. Revise paragraph 2.02.C to read as follows: 'C. Permanent key cores shall be shipped directly to the Owner uncombinated and with blank keys. Three (3) blank keys shall be provided per core. Owner shall perform combinating and installation of permanent key cores."
b. At Hardware Group No.(s) 12B, 13A, 13C, 14, and 14A, add the following line:
1 EA SMOKE SEAL 797B REE

SECTION 13 3419, METAL BUILDING SYSTEMS

a. Delete paragraph 2.07.B in its entirety.
b. Delete paragraph 2.11.B in its entirety and replace with "B. Substrate shall be Galvalume AZ50 coating in accordance with ASTM A792. Sheets shall be coated with a fluoropolymer topcoat containing not less than 70% polyvinylidene fluoride (PVDF) over primer with a total Dry Film Thickness of 0.8-1.0 mil."
c. Delete paragraph 2.14.C in its entirety. There are no skylights in this project.

Revisions to Mechanical and Electrical specifications shall be per the attachment from Morrissey Engineering

END OF ADDENDUM

addendum

morrissey engineering inc
mechanical | electrical | technology | commissioning

addendum no. 2

date: 07-11-2013

bid date:

project name: Physical Plant Building

project no: 12103

This addendum is hereby made a part of the contract documents to the same extent as if it were originally included therein. Contract documents shall be considered modified or revised as hereinafter described.

Mechanical Specifications

1. General - The following manufacturers have been approved for the listed items. **All items shall meet the requirements of the construction documents, specifications and are subject for review during shop drawing submittal:**

Specification Section	Manufacturer
a. 23 21 13 Hydronic Piping (Valves)	Nexus Valve
b. 23 21 13 Hydronic Piping (Valves)	Pro Hydronics
c. 23 21 13 Hydronic Piping (Glycol Make-Up Package)	Neptune
d. 23 21 13 Hydronic Piping (Air Separators)	Patterson
e. 23 21 13 Hydronic Piping (Expansion Tanks)	Patterson
f. 23 21 23 Hydronic Pumps	Patterson
g. 23 31 13 Metal Ducts and Accessories (Volume Dampers)	NCA Mfg.
h. 23 31 13 Metal Ducts and Accessories (Volume Dampers)	United Enertech
i. 23 31 13 Metal Ducts and Accessories (Fire & Smoke Dampers)	NCA Mfg.
j. 23 31 13 Metal Ducts and Accessories (Fire & Smoke Dampers)	United Enertech
k. 23 31 13 Metal Ducts and Accessories (Duct Access Doors)	United Enertech
l. 23 31 13 Metal Ducts and Accessories (Duct Access Doors)	Elgen Mfg.
m. 23 31 13 Metal Ducts and Accessories (Louvers)	NCA Mfg.
n. 23 31 13 Metal Ducts and Accessories (Louvers)	United Enertech
o. 23 31 13 Metal Ducts and Accessories (Roof Hoods)	NCA Mfg.
p. 23 31 13 Metal Ducts and Accessories (Roof Hoods)	United Enertech
q. 23 31 13 Metal Ducts and Accessories (Fabric Duct)	Air Distribution Concepts
r. 23 31 13 Metal Ducts and Accessories (Gas Vents)	Schebler Chimney
s. 23 82 39 Propeller Unit Heaters	Sigma
t. 23 82 39 Propeller Unit Heaters	Zehnder-Rittling
u. 23 82 39 Propeller Unit Heaters	Vulcan

2. Section 23 52 39 Boilers - Revise Item 2.04 C to include "2 to 1 turndown" in lieu of "6 to 1 turndown".

4940 North 118th Street
Omaha, NE 68164
P: 402.491.4144
www.morrisseyengineering.com

ADDENDUM NO. CC-2

to the
Bidding Documents

for

BERINGER CIACCIO DENNELL MABREY
1015 North 98th Street, Suite 300
Omaha, Nebraska 68114

12 July, 2013

PHYSICAL PLANT / APPLIED TECHNOLOGY BUILDINGS CIVIL PACKAGE NORTHEAST COMMUNITY COLLEGE
801 East Benjamin Avenue
Norfolk, NE 68702-0469
BCDM Project No. 3527-01

NOTICE TO BIDDERS: The Drawings for the above referenced project are hereby amended as follows:

SPECIFICATIONS

Division 31, Earthwork

a. Add the attached Storm Water Pollution Prevention Plan prepared by Olsson Associates and dated July 2013.

DRAWINGS

Sheet C1-6A – Applied Technology Site Grading & Spot Elevations:

a. Add attached sheet.
   - *Elevations were revised on the southern side of the building in the covered storage area for the base bid.*
     - *Sheet C1-6 shall be used if alternate AT-1 is accepted.*

Sheet C1-11A – Applied Technology Site Layout Plan:

b. Add attached sheet.
   - *Paving layout was revised on the southern side of the building in the covered storage area for the base bid.*
     - Sheet C1-11 shall be used if alternate AT-1 is accepted.
   - *2" white rock aggregate surfacing was added on the eastern side of the building near the mechanical screen wall.*

Sheet C2-15 – Water Main Plan & Profile Sta. 336+00 to Sta. 337+65:

a. Replace sheet in its entirety with the attached sheet.
   - *8" PVC storm sewer was added to the added Drain Basin 14 within the screened mechanical area on the eastern side of the Applied Technology Building.*

Sheet C3-2 – Roadway Typical Sections:

a. Typical Parking Lot Section Type 1 – Alternate C2 Aggregate Parking Lot Surfacing and Typical Parking Lot Section Type 2 – Alternate C2 Aggregate Parking Lot Surfacing.
   - Change 6" White Rock Surfacing section to 2" White Rock Surfacing over a 4" Crushed Concrete Base Course.
   - Clarify that a 12" Scarified and Compacted Subgrade to at least 95% of the Standard Proctor Max. Density is required under the aggregate surfacing.

Sheet C3-3 – Details

a. Delete Sidewalk Hinge Slab w/ New Structural Stoop Detail in its entirety.
    - *See Structural Drawings for sidewalk stoop and hinge slab details.*

Sheet C3-7 – Details:

a. Add the following information to the Drain Basin Schedule.

DB No.	Size	Angle	Nyloplast Grate
DB-14	8"	0	24" Grated

END OF ADDENDUM

STORM WATER POLLUTION PREVENTION PLAN

FOR

CONSTRUCTION ACTIVITIES

AT

NORTHEAST COMMUNITY COLLEGE
APPLIED TECHNOLOGY & PHYSICAL PLANT BUILDINGS

Prepared for:
Northeast Community College
801 East Benjamin Avenue
Norfolk, NE 68702-0469

Prepared by:

Olsson Associates
1111 Lincoln Mall
Lincoln, NE 68508
402-474-6311
402-474-5160

Project No. 012-1101

July 2013

TABLE OF CONTENTS

Section **Page**

I. SUMMARY OF PERMIT AND PROGRAM REQUIREMENTS

The Storm Water Pollution Prevention Plan (SWPPP) includes, but is not limited to, Specification Section 02935 (which includes the SWPPP) with appendices, the Erosion and Sedimentation Control Plan included in the Construction Drawings with the Detail Sheet, the Notice of Intent, Transfer forms, Permit Authorization, General Permit, Notice of Termination, all records of inspections and activities which are created during the course of the project, and other documents as may be included by reference to this SWPPP. Changes, modifications, revisions, additions, or deletions shall become part of this SWPPP as they occur.

Note: The General Contractor must complete the Contact List included in Appendix A and maintain the list in the SWPPP Binder until the storm water permit is terminated.

Note: The General Contractor (GC) must certify this SWPPP by signing the GC SWPPP certification letter included in Appendix B. All signed certifications must be kept in the jobsite SWPPP Binder and be available for inspection on the construction site. Signed documents including permits, certifications and qualification forms can not be modified or revised in the field.

The General Contractor and all subcontractors involved with a construction activity that disturbs site soil or who implement a pollutant control measure identified in the SWPPP, or otherwise required, must comply with the following requirements of the National Pollutant Discharge Elimination System (NPDES) General Permit ("General Permit"), Department of Environmental Quality (DEQ), and any local governing agency having jurisdiction concerning NPDES, storm water, erosion and sedimentation control:

A. General Permit Information

1. Permit Information:

   Unless otherwise notified by the NDEQ, discharge authorization will be granted 7 days after the NDEQ receives the complete NOI form.

   A project location/vicinity map is located in Appendix C.

   The Notice of Intent is located in Appendix D.

2. Permit transfer information:

   The permittee may transfer all or any part of the project property subject to the permit.

3. Waiting Period:

   Ground-disturbing activities can not begin until 7 days after submittal of a complete NOI Package to the appropriate governing agency.

4. Permit Expiration:

   The applicable General Permit expires 5 years following the permit issued date. A copy of the General Permit is located in Appendix L.

5. Permit modification:

   A permit modification is required prior to land disturbing activity in non-permitted areas. The General Contractor must contact the Owner's Engineer as soon as a need to work in non-permitted areas is identified. Work in non-permitted areas may not proceed until written approval is provided by the governing agency.

6. Off-Site Permits:

   Note: For purposes of this SWPPP and associated storm water permit, 'off-site' is defined as any and all areas beyond the project permitted limits of disturbance.

Any areas outside the limits of disturbance acquired for use by the General Contractor or a subcontractor of the General Contractor must be managed in accordance with Section V. D. of this specification.

Off-Site storm water permits are not part of this project.

7. Governing Agency:

The following agency or agencies have governing authority for storm water-related regulations and permits and must receive a complete NOI Package.

Department of Environmental Quality
Water Quality Division
Suite 400, The Atrium
Lincoln, NE 68509-8922
402-471-4239

B. **Agency Information for Storm Water Pre-Construction Meeting – This Section Not Applicable**

C. **Public Posting (Including SWPPP Information Sign)**
Install the SWPPP Information Sign and have Site Maps and Details Sheets on the project site readily available upon request. The following information must be posted near the construction exit in a prominent place for public viewing until termination of permit coverage has been obtained by filing the Notice of Termination (NOT): 1) Notice of Intent; 2) Permit Authorization; 3) Construction Site Notice (found in Appendix E); and 4) The location of the SWPPP on site. Reference the Entrance Sign (SWPPP Information Sign) detail for proper posting of documents.

D. **Retention of Records**
A complete copy of the SWPPP, including copies of all inspection reports, plan revisions, etc., must be retained at the project site at all times during the duration of the project (until NOT is filed) and kept in the permanent project records of the General Contractor for at least three years following submission of the Notice of Termination (NOT).

E. **Contractor/Sub-Contractor List**
The General Contractor must provide names and addresses of all subcontractors working on this project who will be involved with the major construction activities that disturb site soil or otherwise affect BMP implementation. This information must be kept with the SWPPP.

F. **Contractor/Sub-Contractor Certification Form**
The General Contractor and all contractors and/or subcontractors that will implement, maintain and/or impact the pollution control measures in the SWPPP and/or are involved in ground-disturbing activities on the site must sign a copy of the Contractor certification included in Appendix F. An authorized representative from each company on the construction project must sign this form certifying that company representatives understand the General Permit authorizing storm water discharges during construction. This information must be kept in the SWPPP Binder.

G. **Inspections**
Inspections must be conducted at least once every fourteen (14) calendar days, and within 24 hours of the end of a storm event of 0.5 inches or greater of precipitation in a 24-hour period. Any delay in the replacement or maintenance of nonfunctional BMPs beyond seven (7) calendar days shall be documented in the SWPPP with sufficient detail as to explain the reason for the delay.

The SWPPP, including the best management practices implemented on the jobsite, shall be modified as needed to reduce or prevent pollutants from discharging from the site. Modifications to BMPs that change a hydraulic design component (diversions, basins, etc.) must first be approved by the Owner's Engineer.

The inspector must be a person familiar with the site, the nature of the major construction activities, and qualified to evaluate both overall system performance and individual component

performance. The inspector must either be someone empowered to implement BMPs in order to increase effectiveness to an acceptable level or someone with the authority to cause such things to happen. Additionally, the inspector shall be properly authorized in accordance with the applicable General Permit to conduct the certified site storm water inspections.

Inspection Frequency Reduction

Inspection frequency may be reduced to at least once every month if:
1) The entire site is temporarily stabilized.
2) Ground is frozen and/or snow covered.

Reduced inspection frequency does not relieve the permittee of the maintenance responsibilities during interim periods.

H. **SWPPP Updates and Amendments**

The General Contractor must update the SWPPP and Site Maps bi-weekly to reflect the progress of construction activities and general changes to the project site. SWPPP contact and contractor information and the record of site stabilization activities log must be maintained by the General Contractor throughout the project.

BMPs that do not impact the hydraulic design of the site may be modified or added by the General Contractor, and site maps updated accordingly, as needs arise. Examples of BMPs that do not typically impact the hydraulic design of the site include silt fence, silt dike, wattles, construction exit and various forms of temporary and permanent erosion controls (blankets, nets, seed, sod, etc.). Examples of BMPs that commonly impact hydraulic design include storm water basins, diversions, check dams, inlet protection or any product, process or system that changes the storm water flow path or storm water storage capacity of the site or is located in an area of concentrated flow.

The General Contractor must submit a request for information (RFI) to the Owner's Engineer and obtain written approval before modifying or adding sediment controls that may impact the hydraulic design of the site.

Substitution of any erosion or sediment control BMPs beyond those specified in the SWPPP must first be approved in writing by the Owner's Engineer. Substitutions are typically only approved if specified materials are not available or there is a valid reason the specified BMP will not work.

Amending the SWPPP does not mean that it has to be reprinted. It is acceptable to add addenda, sketches, new sections, details, and/or revised drawings that are initialed and dated.

I. **Discharge of Petroleum Products or Hazardous Substances**

Discharge of petroleum products or other hazardous substances into storm water or the storm water (storm sewer) system is subject to reporting and clean up requirements. See Section V.B.8. of this SWPPP for state and local information on reporting spills. Refer to the General Permit for additional information. A copy of the spill form is located in Appendix H and the General Permit is located in Appendix L.

J. **Notice of Termination**

Once the site reaches final stabilization with all permanent erosion and sedimentation controls installed, all temporary erosion and sedimentation controls removed, and construction complete the Construction Manager will contact the Owner's Engineer to complete a site inspection and report.

Upon approval by the Construction Manager, the Owner's Engineer, and General Contractor, as applicable, must complete and submit an NOT. A copy of the NOT is included in Appendix I.

NOTE: Stabilization requirements include all areas covered by applicable permits, including out lots and utility easements, unless the new Owner and/or Operator have submitted an NOI(s) to the applicable agency and a copy of the NOI(s) has been put in the SWPPP Binder.

K. **General Contractors Responsibility**

This SWPPP intends to control water-borne and liquid pollutant discharges by some combination of interception, sedimentation, filtration, and containment. The General Contractor and subcontractors implementing this SWPPP must remain alert to the need to periodically refine the update the SWPPP in order to accomplish the intended goals. The General Contractor is ultimately responsible for all site conditions and permit compliance.

L. **Log of Construction Activity**

A record of dates must be maintained when:

- major ground-disturbing activities including earthwork or grubbing occur;
- construction activities temporarily or permanently cease on a portion of the site;
- stabilization measures are initiated or completed; and
- BMPs are installed or permanently removed.

This log must be maintained in the SWPPP until the NOT is filed.

A Record of Stabilization and Construction Activity Dates (Stabilization) log for documenting such activities is included in Appendix J. The General Contractor shall complete, at a minimum, 1-page of Stabilization log entries for each month of active construction.

Controls must be in place down gradient of any ground-disturbing activities prior to the commencement of grading construction activities and noted on the Site Maps and the Stabilization log. Site Map and Stabilization log comments and entries must compliment one another with greater detail provided in the Stabilization log, as needed.

M. **Agency Storm Water Inspections**

The General Contractor must walk the site with the regulatory inspector and document any deficiencies noted during the inspection. Deficiencies of any type, field or documentation-related, identified during the regulatory inspection, must be noted on the bi-weekly report as a deficiency and resolved within 24 or 48-hours, as appropriate. A second report must be submitted if the agency inspection occurs after the first bi-weekly report was submitted and the inspector identifies any deficiencies.

The General Contractor must call the Owner's Engineer to report the agency inspection immediately, but no later than 1-hour after the inspector has left the jobsite. All storm water or erosion and sediment (E&S) agency visits to the jobsite, whether an official inspection occurred or not, must be reported to the Owner's Engineer. Any agency inspector, including OSHA and utility inspectors, that comment on storm water BMPs (inlet protection, track out, etc.) must be reported to the Owner's Engineer.

A log of all inspections by Federal, State, or local storm water or other environmental agencies shall be kept in the General Contractor SWPPP Binder. The log form can be found in Appendix K and must include the date and time of the visit and whether a report was issued or will be issued as a result of the inspection.

II. INTRODUCTION

This SWPPP has been prepared for major activities associated with the construction of:

Northeast Community College
Applied Technology & Physical Plant Buildings

This SWPPP, including the applicable General Permit, includes the elements necessary to comply with the General Permit for construction activities administered by the U.S. Environmental Protection Agency (EPA) under the National Pollutant Discharge Elimination System (NPDES) program and all local governing agency requirements. This SWPPP must be implemented at the start of construction.

Construction phase pollutant sources anticipated at the site are disturbed (bare) soil, vehicle fuels and lubricants, chemicals and coatings associated with site or building construction and pavement installation,

construction-generated litter and debris, and building materials. Without adequate control there is a potential for each type of pollutant to be transported by storm water.

A. Purpose

A major goal of pollution prevention efforts during project construction is to control soil and pollutants that originate on the site and prevent them from flowing to surface waters. The purpose of this SWPPP is to provide guidelines for achieving that goal. A successful pollution prevention program also relies upon careful inspection and adjustments during the construction process in order to enhance its effectiveness.

B. Scope

The erosion and sediment control measures outline in this SWPPP must be implemented before construction begins on the site. The measures primarily address the impact of storm rainfall and runoff on areas of the ground surface disturbed during the construction process. In addition, there are recommendations for controlling other sources of pollution that could accompany the major construction activities. Applicability of this SWPPP will terminate when disturbed areas are stabilized, permanent erosion and sedimentation controls are installed, temporary erosion and sedimentation controls are removed, construction activities covered herein have ceased, and a completed Notice of Termination (NOT) is transmitted to the governing agency.

Forms which are necessary for implementing the SWPPP are included herein.

The General Permit for Storm Water Discharges Associated with Construction Activities prohibits most non-storm water discharges during the construction phase. Allowable non-storm water discharges that occur during construction on this project, which are covered by the General Permit, include:

1. Discharges from fire-fighting activities;
2. Fire hydrant flushings;
3. Waters used to wash vehicles where detergents are not used;
4. Water used to control dust in accordance with Subpart 3.4.G;
5. Potable water including uncontaminated water line flushings;
6. Routine external building wash down that does not use detergents;
7. Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used;
8. Uncontaminated air conditioning or compressor condensate;
9. Uncontaminated ground water or spring water;
10. Foundation or footing drains where flows are not contaminated with process materials such as solvents;
11. Uncontaminated excavation dewatering;
12. Landscape irrigation.

Best Management Practices (BMPs) must be implemented for the above allowable foreseeable discharges for the duration of the permit. Each non-storm water discharge should be noted in the SWPPP and have proper erosion and sedimentation controls in place with the exception of discharges from fire fighting activities.

The techniques described in this SWPPP focus on providing control of pollutant discharges with practical approaches that utilize readily available expertise, material, and equipment.

The Owner referred to in this SWPPP will be determined prior to construction. The General Contractor shall construct the site development improvements while working under contract with the Owner.

III. PROJECT DESCRIPTION

Described below are the major construction activities that are the subject of this SWPPP. Also included in the sequence are BMP installation activities that must take place prior to construction activities. **NOTE: Down slope protective measures must always be in place before soil is disturbed.** Activities are presented in the order (sequence) they are expected to be completed. Contractor shall provide a schedule of activities if different from the sequence below.

All activities and timeframes (beginning and ending dates) shall be noted on the Site Map and the "Record of Stabilization and Construction Activity Dates" form found in Appendix J of this SWPPP. The sequence of construction is as follows:

Note: Upon implementation and installation of the following areas: trailer, parking, lay down, porta-potty, wheel wash, concrete washout, mason's area, fuel and material storage containers, solid waste containers, etc., immediately denote them on the Site Maps and note any changes in location as they occur throughout the construction process. In addition, note any off-site areas where fill is imported from or soil is exported to on the Site Maps.

Phase I

1. *Install stabilized construction exit(s) and SWPPP Information Sign.*
2. *Install silt fence(s) and/or wattles around the perimeter of site depending on construction activity.*
3. *Prepare temporary parking and storage area.*
4. *Begin clearing and grubbing around building pads, roadway, ditch, and detention pond.*
5. *Start construction of buildings, roadway, detention pond, ditch, utilities, storm sewer, and parking lots.*

Phase II

1. *Temporarily seed, throughout construction, denuded areas that will be inactive for 14 days or more. Areas to be returned to Agricultural use does not need to be seeded.*
2. *Install inlet protection barriers as noted on the plans, such as area inlets or curb inlets.*
3. *Permanently stabilize areas to be vegetated as they are brought to final grade.*

NOTE: The General Contractor may complete construction-related activities concurrently only if all preceding BMPs have been completely installed. BMP-related steps in the above sequence are italicized for clarity.

The actual schedule for implementing pollutant control measures will be determined by project construction progress and recorded by the General Contractor on the Soil Erosion/Sedimentation Control Operation Time Schedule on the Erosion and Sedimentation Control plans (Site Maps). Down slope protective measures must always be in place before soil is disturbed.

IV. SITE DESCRIPTION

Included as parts of this SWPPP are the project Construction Drawings – Northeast Community College, Applied Technology & Physical Plant Buildings – Erosion and Sediment Control Plan. Refer to the Construction Drawings for detailed site information.

A. Site Location

- Address: Northeast Community College, Norfolk, NE
- Latitude: 42° 02' 59" N
- Longitude: 97° 23' 43" W
- Adjacent surrounding properties: Adjacent properties are currently agricultural use and college campus.
- A vicinity map is included in Appendix C

B. Site Topography

- Lowest elevation on project site: 1517
- Highest elevation on project site: 1598
- Percent slope variation: Slope varies along the project site from 1% to 10%.
- Topography changes: Final Topography will be altered by this project.
- Vegetation: The site consists of mostly agricultural crops such as corn & beans. The project site will not be returned to agricultural use upon completion of construction.

C. Rainfall Information

	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Average rainfall in inches	.57	.76	1.97	2.59	3.92	4.25	3.74	2.80	2.25	1.72	1.44	.65	26.66

- The total average annual rainfall for the project area is: 26.66
- The design rain event for this project is: 10-yr (Storm Sewer – 5 in/hr)

D. Site Soils

- Soil type and texture: Soils consist of mostly silty clay loams with a "k" factor of 0.28 to 0.37 indicating moderately erosive soils.
- Average depth of topsoil: Topsoil depths range from 6 to 12 inches.
- Average depth to groundwater: Not applicable.

This information is an estimate and shall not be used for construction costs or estimating.

E. Total Site Area, Area to be Disturbed, and Runoff Coefficient

- The project site contains: Approximately 50 acres
- The area to be disturbed on the project site is: Approximately 40 acres
- Off-site areas to be disturbed as part of this project: There are no anticipated off-site areas to be disturbed for this project.

- Pre-Construction Runoff Coefficient "c" =0.33-0.37

- Post-Construction Runoff Coefficient "c" =0.72-0.83

F. Receiving Surface Waters

- Receiving waters: Storm water runoff will flow through storm sewer, ditches, and detention pond, eventually reaching North Fork Elkhorn River.
- Distance to named receiving waters: Approximately 2,500 feet.
- Receiving water quality: Receiving waters are not impaired.
- Discharge criteria include: No monitoring required.
- Off-site run-on: Is not a concern.
- 100-year floodplain: The project does not lie within the floodplain.

G. Erosion and Sedimentation Control Plan

See the Northeast Community College Applied Technology & Physical Plant Buildings – Erosion & Sediment Control Plans for details of Erosion Control Measures.

H. Environmental Permits–Other than NPDES, Storm Water and/or Erosion & Sediment Control

Not Applicable

I. Threatened and Endangered Species

A review by the Nebraska Game and Parks Commission is not needed for this project according to the Guidance Checklist provided by the NDEQ. See Appendix M for reference.

J. Historic Properties

The Nebraska State Historical Society has been contacted and there will be no impacts to historical or archaeological properties. See Appendix M for copies of the correspondence.

V. STORM WATER POLLUTION PREVENTION MEASURES AND CONTROLS

A variety of storm water pollutant controls are recommended for this project. Some controls are intended to function temporarily and will be used as needed for pollutant control during the construction period. These include temporary sediment barriers and permanent storm retention ponds (which can also function as temporary sediment basins). Permanent stabilization will be accomplished in all disturbed areas by covering the soil with pavement, building foundation, vegetation, or other forms of soil stabilization.

A. Erosion and Sediment Controls

1. Minimization of Disturbed Areas

Note to General Contractor: Owner has authority to limit surface area of erodible earth material exposed by clearing and grubbing, excavation, borrow and embankment operations and to direct General Contractor to provide immediate permanent or temporary pollution control measures.

2. Soil Stabilization

The purpose of soil stabilization is to prevent soil from eroding and leaving the site. In the natural condition, soil is stabilized by native vegetation. The primary technique to be used at this project for stabilizing site soils will be to provide a protective cover of grass, pavement, or building structure.

a.) Temporary Seeding – Temporary seeding is the establishment of a temporary vegetative cover on disturbed areas by seeding with appropriate rapidly growing annual plants. Its purpose is to reduce erosion and sedimentation by stabilizing disturbed areas that will not be brought to final grade for a period of thirty days or more, reduce damage from sediment and runoff to downstream or off-site areas, and to provide protection to bare soils exposed during construction until permanent vegetation or other erosion control measures can be established. It should be used on exposed soil surfaces. Such areas include denuded areas, soil stockpiles, dikes, dams, sides of sediment basins, temporary road banks, etc. permanent vegetative cover shall be applied to areas that will be left dormant for a period of more than 1 year.

Note to General Contractor: Temporary stabilization is not achieved simply through seeding. In order for an area or stockpile to be sufficiently stabilized via temporary vegetation, seed must germinate, grow and provide adequate vegetative density.

b.) Permanent Seeding – Permanent vegetation is the establishment of perennial vegetative cover on disturbed areas by planting seed. Its purpose is to reduce erosion and sediment yield from disturbed areas, to permanently stabilize disturbed areas in a manner that is economical, adaptable to site conditions, and allows selection of the most appropriate plant materials, to improve wildlife habitat and to enhance natural beauty. It may be used on disturbed areas where

permanent, long-lived vegetative cover is needed to stabilize the soil and rough-graded areas which will not be brought to final grade for a year or more.

c.) **Hydroseeding/Hydromulching –** Hydro- mulching/Hydro- seeding is a grass planting process. The process begins by mixing mulch, seed, tackifier, fertilizer, and water into a tank of a hydro-mulching machine. The material is often called a slurry. Once applied to the soil, the material enhances initial growth.

d.) **Slope Tracking –** Slope tracking is the technique used for surface roughening or scarification by means of mechanical equipment. Slope Tracking creates grooves that are perpendicular to the slope. The primary functions for Slope Tracking are to reduce erosion potential by decreasing runoff velocities, trap sediment, increase the chances for water infiltration, and aid in the establishment of vegetative cover.

e.) **Mulching** – Mulching is the application of plant residues or other suitable materials to the soil surface. Its purpose is to prevent erosion by protecting the soil surface from raindrop impact and reducing the velocity of overland flow. Mulch helps foster the growth of vegetation by increasing available moisture and providing insulation against extreme heat and cold. Mulching can be used at anytime where protection of the soil surface is desired. Mulch can be used in conjunction with seedings to establish vegetation, or by itself to provide temporary protection of the soil surface.

f.) **Rolled Erosion Control Products –** Rolled erosion control products are protective covering netting, blankets or turf reinforcement mats (TRMs) installed on a prepared planting area of a steep slope, channel, or shoreline. They aid in controlling erosion on critical areas by absorbing the energy from raindrop impacts and providing a microclimate which protects young vegetation and promotes its establishment. TRMs are also used to raise the maximum permissible velocity and shear stress of turf grass stands in channelized areas by enabling the turf to resist the forces of erosion during storm events.

3. Structural Controls

a.) **Silt Fence –** Silt fence is a temporary sediment barrier consisting of a synthetic fabric stretched across and attached to supporting posts and entrenched or sliced in place. Silt fences can be used in the following applications:

- for intercepting and detaining small amounts of sediment from disturbed areas during construction operations in order to prevent sediment from leaving the construction site,
- for decreasing the velocity of sheet flows
- in high-risk areas, such as those adjacent to streams, wetlands, reservoirs, lawns, etc.,
- in short lengths at the toe of fill where ground slopes toward the fill,
- behind curb and gutter to prevent silting of the pavement.
  Prior to start of construction, silt fence placement should be designed by a qualified professional. Plans and specifications should be referred to by field personnel throughout the construction process.

Use limitations include:

- If the size of the drainage areas is more than 1/4-acre per 100 feet of silt fence length, a different sediment and erosion control strategy should be investigated. The maximum gradient behind the barrier should be no more than 50% (2H:1V).
- Under no circumstances should silt fences be constructed in live streams or in swales or ditch lines where flows are likely to exceed 1 cubic foot per second.

- On steep slopes, care should be given to placing alignment of fence perpendicular to the general direction of the flow.

b.) **Construction Entrance –** A construction entrance is a stabilized stone pad with a filter fabric underliner located at any point where vehicular traffic will be entering or leaving a construction site to or from a public right-of-way, street, alley, and sidewalk or parking area. Its purpose is to reduce or eliminate the tracking of sediment onto public rights-of-way or streets. It should be used wherever traffic will be leaving a construction site and move directly onto a public road or other paved area.

c.) **Storm Sewer Inlet Protection –** Storm drainage inlet protection is a sediment filter or an excavated impounding area around a storm drain drop inlet or curb inlet. Its purpose is to prevent sediment from entering storm drainage systems prior to permanent stabilization of the disturbed area. This practice shall be used where the drainage area to an inlet is disturbed, it is not possible to temporarily divert the storm drain outfall into a trapping device and watertight blocking of the inlets is not advisable. It is not to be used in place of sediment trapping devices. This may be used in conjunction with storm drain diversion to help prevent siltation of pipes installed with low slope angle. There are eight specific types of storm drain inlet protection practices that vary according to their function, location, drainage area and availability of materials:

- Silt Fence Culvert Protection

Note to General Contractor: All inlet protection devices create ponding of storm water that can result in flooding or by-pass conditions.

d.) **Check Dams -** Check dams are small temporary dams constructed across a swale or drainage ditch for the purpose of reducing the velocity of concentrated storm water flows, thereby reducing erosion of the swale or ditch. Check dams also trap small amounts of sediment generated in the ditch itself; however, these are not sediment trapping practices and should not be used as such. Some specific applications include the following:

- Temporary ditches or swales which, because of their short length of service, cannot receive a non-erodible lining but still need some protection to reduce erosion.
- Permanent ditches or swales which for some reason cannot receive a permanent non-erodible lining for an extended period of time.
- Temporary or permanent ditches or swales which need protection during the establishment of grass linings

Use limitations include:

- Use limited to small open channels which drain 10 acres or less.
- Should not be used in an active stream.
- Should not to be used where high flows or high velocities are expected.
- In locating the check dam, consideration should be given to the effects and the reach of the impounded water and sediment.
- Storm flows across a deteriorated check dam can result in the loss of the structure and the washout of the accumulated sediment.
- **This control not designed for at this time.**

e.) **Diversions –** A diversion is a channel constructed across a slope with a supporting ridge on the lower side for the purpose of reducing the slope length and intercepting and diverting storm water runoff to stabilized outlets at non-erosive velocities. Diversions are used where:

a. runoff from higher areas may damage property, cause erosion, or interfere with the establishment of vegetation on lower areas;
b. surface and/or shallow subsurface flow is damaging upland slopes; or
c. slope length needs reduction to minimize soil loss.

d. This control not designed for at this time.

f.) Wattle Barrier – Wattle Barriers are elongated tubes of compacted straw and or other fibers that are installed along contours or at the base of slopes to help reduce soil erosion and retain sediment. They function by shortening slope lengths; reducing runoff water velocity thus trapping dislodged soil particles. They can work as check dams to prevent sheet, rill, and gully erosion.

Final site stabilization is achieved when perennial vegetative cover provides permanent stabilization with a density greater than 70 percent over the entire area to be stabilized by vegetative cover. This is exclusive of areas paved, rocked, or have a building on them.

B. Other Pollutant Controls

This section includes the controls of pollutants other than sediment and additional requirements of the General Permit.

1. Dust Control

Construction traffic must enter and exit the site at the stabilized construction exit. The purpose is to trap dust and mud that would otherwise be carried off-site by construction traffic. Large areas of soil that are denuded of vegetation and have no protection from particles being picked up and carried by wind should be protected with a temporary cover or kept under control with water or other soil adhering products to limit wind transported particles exiting the site perimeter.

Water trucks or other dust control agents will be used as needed during construction to reduce dust generated on the site. Dust control must be provided by the General Contractor to a degree that is in compliance with applicable local and state dust control regulations.

2. Dewatering

Verify discharges from dewatering activities are allowed non-storm water discharges under the General Permit. Obtain a dewatering permit according to the regulations, if discharges from dewatering activities are not allowed under the General Permit. Discharges from dewatering operations must be directed through an appropriate pollution prevention/treatment measure, such as a pump discharge filter bag, sediment trap or sediment basin prior to being discharged from the site. Under no circumstances are discharges from dewatering operations to be discharged directly into streams, rivers, lakes or other areas off-site. Likewise, discharges into storm sewer systems that do not drain to a suitable on-site treatment facility, such as a basin, are also prohibited. Discharges from dewatering operations must also be conducted in a manner sufficient to prevent erosion from the discharge runoff.

3. Solid Waste Disposal

No solid materials, including building materials, are allowed to be discharged from the site with storm water. All solid waste, including disposable materials incidental to the major construction activities, must be collected and placed in containers. The containers will be emptied as necessary by a contract trash disposal service and hauled away from the site. Covers for the containers will be provided as necessary to meet state and local requirements. The location of solid waste receptacles shall be shown on the Site Maps.

Substances that have the potential for polluting surface and/or groundwater must be controlled by whatever means necessary in order to ensure that they do not discharge from the site. As an example, special care must be exercised during equipment fueling and servicing operations. If a spill occurs, it must be contained and disposed of so that it will not flow from the site or enter groundwater, even if this requires removal, treatment, and disposal of soil. In this regard, potentially polluting substances should be handled in a manner consistent with the impact they represent.

4. Sanitary Facilities

All personnel involved with construction activities must comply with state and local sanitary or septic system regulations. Temporary sanitary facilities will be provided at the site throughout the construction phase. They must be utilized by all construction personnel and will be serviced by a commercial operator. The location of sanitary facilities shall be shown on the Site Maps. Portable toilets must be securely anchored and are not allowed within 30' of inlets or permitted limit of disturbance or within 50' of a water of the State.

5. Non-Storm Water Discharges

Non-storm water components of site discharges must be clean water. Water used for construction which discharges from the site must originate from a public water supply or private well approved by the State Health Department. Water used for construction that does not originate from an approved public supply must not discharge from the site. It can be retained in the ponds until it infiltrates and evaporates. Other non-storm water discharges would include ground water. Only uncontaminated ground water can be discharged from the site, as allowed by and in accordance with applicable local ground water dewatering permits/regulations. When non-storm water is discharged from the site, it must be done in a manner such that it does not cause erosion of the soil during discharge.

Process water such as power washing and concrete cutting must be collected for treatment and disposal. It is not to be flushed into the site storm drain system.

6. Concrete Waste from Concrete Ready-Mix Trucks

Discharge of excess or waste concrete and/or wash water from concrete trucks will be allowed on the construction site, but only in specifically designated lined and diked areas prepared to prevent contact between the concrete and/or wash water and storm water that will be discharged from the site. Alternatively, waste concrete can be placed into forms to make rip rap or other useful concrete products. The cured residue from the concrete washout diked areas shall be disposed in accordance with applicable state and federal regulations. The project construction manager is responsible for assuring that these procedures are followed. The location of concrete washout areas shall be shown on the Site Maps. Follow all applicable environmental regulations for concrete wash out pits.

7. Mason's Area

Contractor shall identify mason's area on the site and indicate location on the Site Map. To the extent practical, all masonry tools, material, including sand and sacked cement or mortar materials, and equipment shall be located within the area identified. Runoff control, such as berms or diversion ditches, silt fence, straw wattles, or other means of containment shall be provided to prevent the migration of storm water pollutants in runoff from the mason's area. Receptacles for debris and trash disposal shall also be provided.

8. Fuel Tanks

Temporary on-site fuel tanks for construction vehicles shall meet all state and federal regulations. Tanks shall have approved spill containment with the capacity required by the applicable regulations. From NFPA 30: All tanks shall be provided with secondary containment (i.e. containment external to and separate from primary containment). Secondary containment shall be constructed of materials of sufficient thickness, density, and composition so as not to be structurally weakened as a result of contact with the fuel stored and capable of containing discharged fuel for a period of time equal to or longer than the maximum anticipated time sufficient to allow recovery of discharged fuel. It shall be capable of containing 110% of the volume of the primary tank if a single tank is used, or in the case of multiple tanks, 150% of the largest tank or 10% of the aggregate, whichever is larger.

The tanks shall be in sound condition free of rust or other damage which might compromise containment. Fuel storage areas will meet all EPA, OSHA and other

regulatory requirements for signage, fire extinguisher, etc. Hoses, valves, fittings, caps, filler nozzles, and associated hardware shall be maintained in proper working condition at all times. The location of fuel tanks shall be shown on the Site Maps and shall be located to minimize exposure to weather and surface water drainage features.

A Spill Prevention, Control and Countermeasure (SPCC) Plan must be developed if aboveground oil storage *capacity* at the construction site exceeds 1,320-gallons or as specified by state. Containers with a storage capacity of 55-gallons or less are not included when calculating site storage capacity. The General Contractor shall work with the Owner's Engineer to develop and implement a SPCC Plan in accordance with the Oil Pollution Prevention regulation at Title 40 of the Code of Federal Regulations, Part 112, (40 CFR 112).

9. Hazardous Material Management and Spill Reporting Plan

Any hazardous or potentially hazardous material that is brought onto the construction site will be handled properly in order to reduce the potential for storm water pollution. All materials used on this construction site will be properly stored, handled, dispensed and disposed of following all applicable label directions. Flammable and combustible liquids will be stored and handled according to 29 CFR 1926.152. Only approved containers and portable tanks shall be used for storage and handling of flammable and combustible liquids.

Material Safety Data Sheets (MSDS) information will be kept on site for any and all applicable materials.

In the event of an accidental spill, immediate action will be undertaken by the General Contractor to contain and remove the spilled material. All hazardous materials will be disposed of by the Contractor in the manner specified by federal, state and local regulations and by the manufacturer of such products. As soon as possible, the spill will be reported to the appropriate agencies. As required under the provisions of the Clean Water Act, any spill or discharge entering waters of the United States will be properly reported. The General Contractor will prepare a written record of any spill of petroleum products or hazardous materials in excess of 1 gallon or reportable quantities, which ever is less. The General Contractor will provide notice to Owner, immediately upon identification of a reportable spill. A spill report form is located in Appendix H.

Any spills of petroleum products or hazardous materials in excess of Reportable Quantities as defined by EPA or the state or local agency regulations, shall be immediately reported to the EPA National Response Center (1-800-424-8802) and NDEQ (1-877-253-2603).

The State reportable quantity for petroleum products is 25 gallons or more, per NDEQ Title 126, Ch. 18, 002.01B.

The reportable quantity for hazardous materials is equal to or greater than 100 pounds.

In order to minimize the potential for a spill of petroleum product or hazardous materials to come in contact with storm water, the following steps will be implemented:

a) All materials with hazardous properties (such as pesticides, petroleum products, fertilizers, detergents, construction chemicals, acids, paints, paint solvents, additives for soil stabilization, concrete, curing compounds and additives, etc.) will be stored in a secure location, under cover, when not in use.

b) The minimum practical quantity of all such materials will be kept on the job site and scheduled for delivery as close to time of use as practical.

c) A **spill control and containment kit** (containing for example, absorbent material such as kitty litter or sawdust, acid neutralizing agent, brooms, dust pans, mops, rags, gloves, goggles, plastic and metal trash containers, etc.) will be provided on the construction site and location(s) shown on Site Maps.

d) All of the product in a container will be used before the container is disposed of. All such containers will be triple rinsed, with water prior to disposal. The rinse water used in these containers will be disposed of in a manner in compliance with state and federal regulations and will not be allowed to mix with storm water discharges.

e) All products will be stored in and used from the original container with the original product label.

f) All products will be used in strict compliance with instructions on the product label.

g) The disposal of excess or used products will be in strict compliance with instructions on the products label.

10. Long-Term Pollutant Controls

Storm water pollutant control measures installed during construction that will also provide storm water management benefits after construction, include vegetation.

All controls and systems must be installed & functioning as designed and free of accumulated sediment and debris during final project inspection and approval.

C. "Best Management Practices" (BMPs)

Owner has authority to limit surface area of erodible earth material exposed by clearing and grubbing, excavation, borrow and embankment operations and to direct the General Contractor to install immediate permanent or temporary pollution control measures.

During the construction phase, the General Contractor shall implement the following measures:

1) Materials resulting from the clearing and grubbing or excavation operations shall be stockpiled up-slope from adequate sedimentation controls. Ensure that materials removed to an off-site location shall be protected with appropriate controls and properly permitted and otherwise comply with applicable laws, all in accordance with this SWPPP, including Section V.D. below.

2) The General Contractor shall designate areas on the Site Maps for equipment cleaning, maintenance, and repair. The General Contractor and subcontractors shall utilize such designated areas. Cleaning, maintenance, and repair areas shall be protected by a temporary perimeter berm, shall not occur within 150 feet of any waterway, water body or wetland, and in areas located as far as practical from storm sewer inlets.

3) Use of detergents for large-scale washing is prohibited (i.e. vehicles, buildings, pavement surfaces, etc.).

4) Chemicals, such as paints, solvents, fertilizers, and other toxic materials, must be stored in waterproof containers. Except during application, the containers and the contents must be kept in trucks or within storage facilities. Runoff containing such material must be collected, removed from the site, treated, and disposed of at an approved solid waste and chemical disposal facility.

D. Material Storage, Borrow, or Disposal Areas Outside of Permitted Limits of Disturbance

The General Contractor is responsible for all necessary permitting activities associated with site construction at material storage, borrow, or disposal areas outside of the Permitted Limits of Disturbance of this project.

VI. LOCAL PLANS

In addition to this SWPPP, construction activities associated with this project must comply with any guidelines set forth by local regulatory agencies. The General Contractor shall maintain documents evidencing such compliance in this SWPPP.

VII. INSPECTIONS AND SYSTEM MAINTENANCE

Between the times this SWPPP is implemented and final Notice of Termination has been submitted, all disturbed areas and pollutant controls must be inspected weekly. The purpose of site inspections is to assess performance of pollutant controls. The inspections will be conducted by the General Contractor's project construction manager. Based on these inspections, the General Contractor will decide whether it is necessary to modify this SWPPP, add or relocate controls, or revise or implement additional Best management Practices in order to prevent pollutants from leaving the site via storm water runoff. The General Contractor has the duty to cause pollutant control measures to be repaired, modified, supplemented, or take additional steps as necessary in order to achieve effective pollutant control. Note: If a BMP is covered by snow, mark the BMP as not applicable and document the reason the BMP can not be inspected on the bi-weekly report.

Examples of specific items to evaluate during site inspections are listed below. This list is not intended to be comprehensive. During each inspection, the inspector must evaluate overall pollutant control system performance as well as particular details of individual system components. Additional factors should be considered as appropriate to the circumstances. Note: A grid system has been incorporated into Site Maps and shall be used as a location guide for bi-weekly reporting on structural controls and BMPs.

A. Construction Exit and Track Out

Locations where vehicles enter and exit the site must be inspected for evidence of off-site sediment tracking. A stabilized construction exit shall be constructed where vehicles enter and exit. Exits shall be maintained or supplemented with additional rock as necessary to prevent the release of sediment from vehicles leaving the site. Any sediment deposited on the roadway shall be swept as necessary throughout the day or at the end of every day and disposed of in an appropriate manner. Sediment shall **NOT** be washed into storm sewer systems.

Note to Contractor: Track out is a sediment release (sediment from the construction site was allowed beyond the permitted limits of disturbance). All sediment releases must be reported to the Owner's Engineer. See Item H below for additional information.

B. Erosion Control Devices

Rolled erosion control products (nets, blankets, turf reinforcement mats) and marginally vegetated areas (areas not meeting required vegetative densities for final stabilization) must be inspected bi-weekly. Rilling, rutting and other signs of erosion indicate the erosion control device is not functioning properly and additional erosion control devices are warranted.

C. Sediment Control Devices

Sediment barriers, traps and basins must be inspected and they must be cleaned out at such time as their original capacity has been reduced by 50 percent. All material excavated from behind sediment barriers or in traps and basins shall be incorporated into on-site soils or spread out on an upland portion of the site and stabilized. To minimize the potential for sediment releases from the project site, perimeter control devices shall be inspected with consideration given to changing up-gradient conditions.

D. Material Storage Areas

Inspections shall evaluate disturbed areas and areas used for storing materials that are exposed to rainfall for evidence of, or the potential for, pollutants entering the drainage system or discharging from the site. If necessary, the materials must be covered or original covers must be

repaired or supplemented. Also, protective berms must be constructed, if needed, in order to contain runoff from material storage areas. All state and local regulations pertaining to material storage areas will be adhered to.

E. Vegetation

Consideration must be given to anticipated climate and seasonal conditions when specifying and planting seed. Seed shall be free of weedy species and appropriate for site soils and regional climate. Seed and mulch per the construction drawings and the 329000 Planting specification immediately after topsoil is applied and final grade is reached. Grassed areas shall be inspected to confirm that a healthy stand of grass is maintained. The site has achieved final stabilization once all areas are covered with building foundation or pavement, or have a stand of grass with a minimum of 70 percent density or greater of natural background cover over the entire vegetated area in accordance with the General Permit requirements. Vegetated areas must be watered, fertilized, and reseeded as needed to achieve this requirement. The vegetative density must be maintained through project completion to be considered stabilized. Areas protected by erosion control blankets are not permanently stabilized until the applicable General Permit requirement for final vegetative density is achieved.

Rip-rap, mulch, gravel, decomposed granite or other equivalent permanent stabilization measures may be employed in lieu of vegetation based on site-specific conditions and governing authority approval.

F. Discharge Points

All discharge points must be inspected to determine whether erosion and sediment control measures are effective in preventing discharge of sediment from the site or impacts to receiving waters.

G. Off-Site or Special Project Areas

There are no special projects, beyond the permitted limits of disturbance, requiring inspection and maintenance associated with this construction project.

H. Sediment Releases

The weekly inspection report must identify each and every time sediment is allowed beyond permitted limits of disturbance. This includes sediment that escapes or is allowed to leave via designed discharge points. Storm water that leaves the permitted limits of disturbance and is discolored contains soil particles (sediment) and must be treated as a sediment release.

The bi-weekly Inspection Report Form (Appendix G) must identify all deficiencies, any corrections, whether they are identified during the current inspection or have occurred since the previous inspection, and any additional comments. Based on inspection results, any modification necessary to increase effectiveness of this SWPPP to an acceptable level must be made immediately but no longer than within 48 hours of the inspection. The inspection reports must be complete and additional information should be included if needed to fully describe a situation. An important aspect of the inspection report is the description of additional measures that need to be taken to enhance plan effectiveness. The inspection report must identify whether the site was in compliance with the SWPPP at the time of inspection and specifically identify all incidents of non-compliance.

Inspection reports must include an original, authorized signature and date of the inspection. Inspection reports must be retained by the General Contractor as an integral part of this SWPPP for at least three years from the date of submission of the Notice of Termination of permit coverage.

Ultimately, it is the responsibility of the General Contractor to assure the adequacy of site pollutant discharge controls. Actual physical site conditions or contractor practices could make it necessary to install more structural controls than are shown on the plans. For example, localized concentrations of runoff could make it necessary to install additional sediment barriers. Assessing the need for additional controls and implementing them or adjusting existing controls will be a continuing aspect of this SWPPP until the site achieves final stabilization. Any modifications, additions or deletions of sediment control devices that may alter the hydraulic design of the site or are located in areas of potential high flow

(basins, traps, check dams, diversions. etc.) must be approved by the Owner's Engineer through the request for information process (RFI).

APPENDIX A **CONTACT LIST**

APPENDIX B **GENERAL CONTRACTOR SWPPP CERTIFICATIONS**

APPENDIX C **VICINITY MAP**

APPENDIX D **CONSTRUCTION STORM WATER NOTICE OF INTENT (CWS-NOI)**

APPENDIX E **CONSTRUCTION SITE NOTICE; SWPPP INFORMATION SIGN EXHIBIT**

APPENDIX F

- **CONTRACTOR/SUBCONTRACTOR CERTIFICATION;**
- **CERTIFICATION OF QUALIFICATIONS FOR COMPLIANCE OFFICER**

APPENDIX G **BI-WEEKLY STORMWATER CONSTRUCTION SITE INSPECTION REPORT**

APPENDIX H **SPILL REPORT FORM**

APPENDIX I **CONSTRUCTION STORM WATER NOTICE OF TERMINATION (CSW-NOT)**

APPENDIX J **CONSTRUCTION STORM WATER NOTICE OF TRANSFER (CSW-TRANSFER)**

APPENDIX K **RECORD OF STABILIZATION AND CONSTRUCTION ACTIVITY DATES**

APPENDIX L **FEDERAL, STATE, OR LOCAL STORM WATER OR OTHER ENVIRONMENTAL INSPECTOR SITE VISIT LOG**

APPENDIX M **GENERAL PERMIT**

APPENDIX N **SITE-SPECIFIC PERMITS, DESIGN CALCULATIONS AND RELATED INFORMATION including NON-NPDES STORM WATER PERMITS, 404 PERMITS, ENDANGERED SPECIES INFORMATION, ENVIRONMENTAL SITE ASSESSMENTS, etc.**

APPENDIX O **EROSION AND SEDIMENT CONTROL SPECIFICATION**

APPENDIX A

CONTACT LIST

Contact List

Contacts for: 012-1101
NECC Applied Technology & Physical Plant Buildings
Norfolk, NE

Owner's SWPPP Engineer: Travis A. Figard, P.E. Phone: (402) 474-6311

Responsible for the development of the SWPPP for this site and obtaining the NPDES permit.

General Contractor's Construction Manager:

Name: _____

Company: _____

Phone (office): _____

Phone (mobile): _____

Responsible for conducting the bi-weekly inspections, the supervision or completion of construction at a site, able to adequately identify and implement storm water sediment and erosion control practices and effectively instruct employees and contractors in the implementation of such practices to comply with a Permit, the Clean Water Act, and the site's SWPPP.

APPENDIX B

GENERAL CONTRACTOR SWPPP CERTIFICATIONS

NOTES to General Contractor:

The General Contractor must certify this SWPPP by signing the GC SWPPP certification letter located in this Appendix.

Signed SWPPP certifications can not be modified or revised in the field.

Date: _____

RE: 012-1101
NECC Applied Technology & Physical Plant Buildings
Norfolk, NE

Address:
Northeast Community College
Norfolk, NE

CERTIFICATION OF THE STORM WATER POLLUTION PREVENTION PLAN

GENERAL PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES

I certify under penalty of law that all revisions, modifications, deletions, or additions to this document and all attachments created during construction were prepared under my direction or supervision in accordance with a system designed to assure qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

_____
Signature

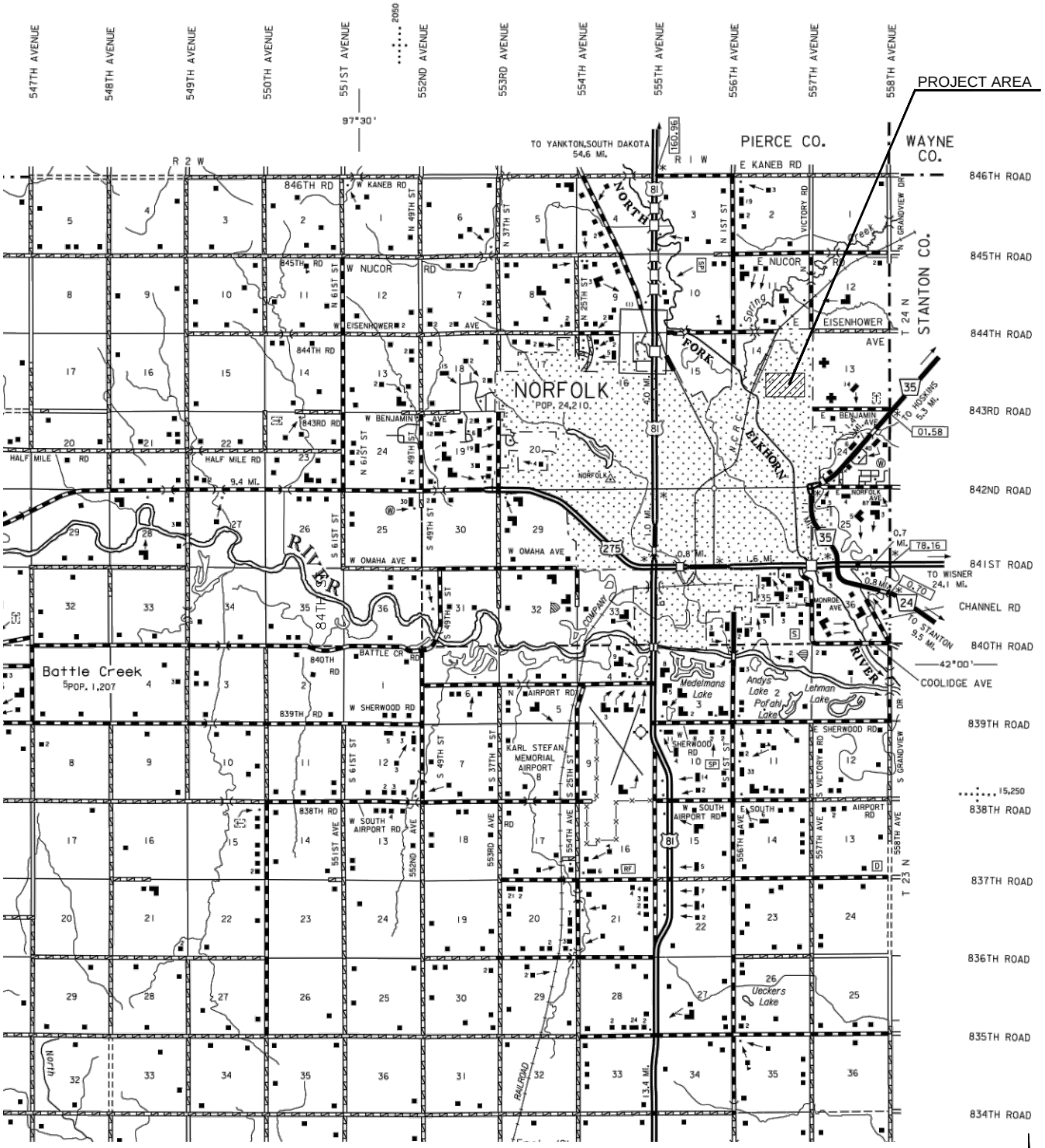
_____
Printed Name

_____
Title

_____
Company

APPENDIX C

VICINITY MAP



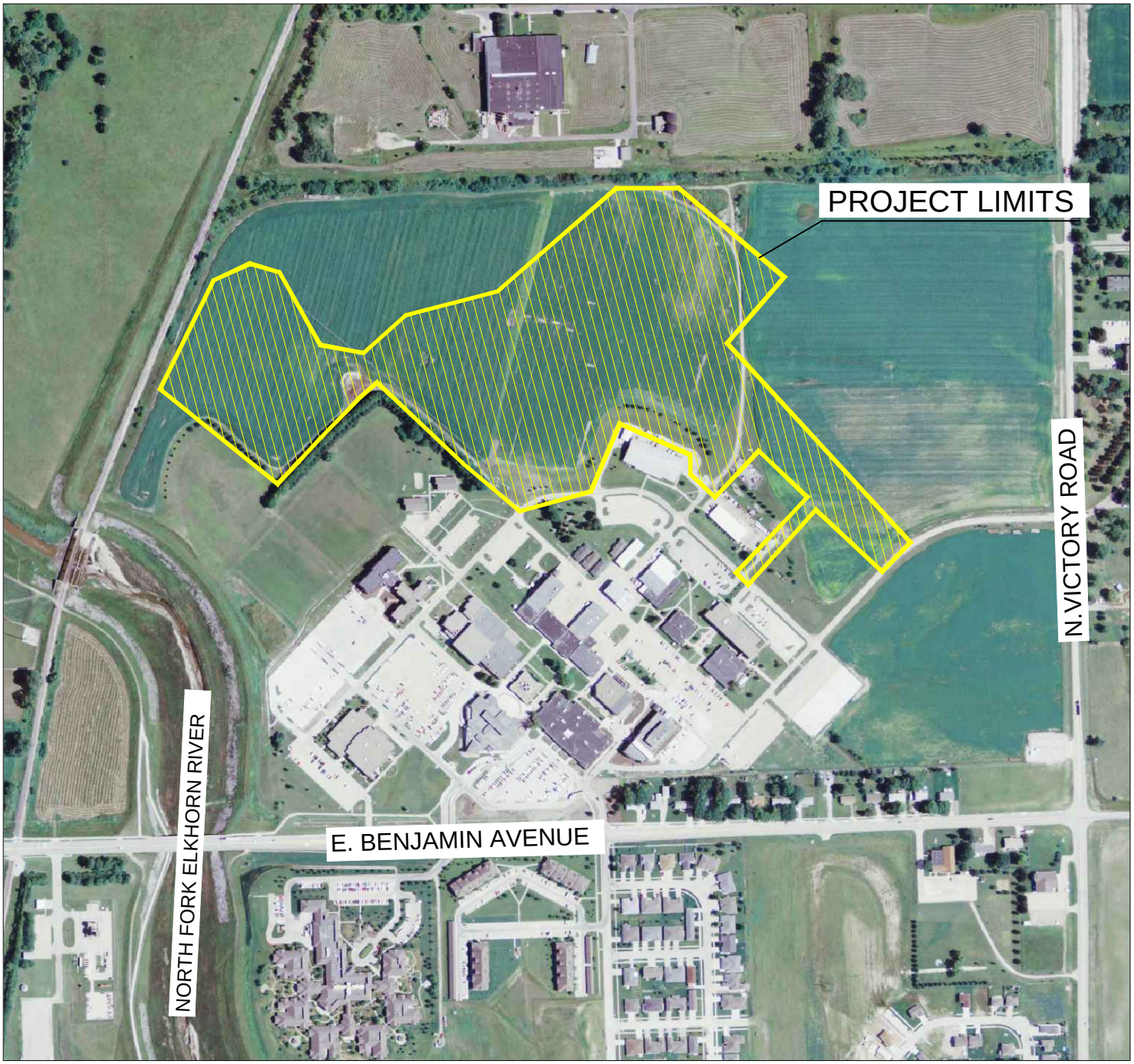
MADISON COUNTY

SCALE: 1"=10,000'

DWG: F:\Projects\012-1101_WTRS\SWPPP\110018_Locate Map.dwg USER: ebeiermann
DATE: Jul 11, 2013 8:37am XREFS:

PROJECT NO: 012-1101	LOCATE MAP NECC APPLIED TECHNOLOGY & PHYSICAL PLANT NORFOLK, NE	EXHIBIT
DRAWN BY: EJB		
DATE: 7/11/13		1

OLSSON ASSOCIATES
1111 Lincoln Mall, Suite 111
P.O. Box 84608
Lincoln, NE 68501-4608
TEL 402.474.6311
FAX 402.474.5160



0' 300' 600' 1200'

SCALE IN FEET

N

PROJECT NO: 012-1101 DRAWN BY: EJB DATE: 7/11/13	LOCATE MAP NECC APPLIED TECHNOLOGY & PHYSICAL PLANT NORFOLK, NE	OLSSON ASSOCIATES	1111 Lincoln Mall, Suite 111 P.O. Box 84608 Lincoln, NE 68501-4608 TEL 402.474.6311 FAX 402.474.5160	EXHIBIT 2

APPENDIX D

CONSTRUCTION STORM WATER NOTICE OF INTENT (CWS-NOI)

NOTES to General Contractor:

If instructed above, the General Contractor must complete, sign and submit a Notice of Intent or similar storm water permit application, to the applicable governing agency within 7 days of Project Award.

Signed NOIs must be posted on the SWPPP Sign near the job-site entrance within view of the public.

Signed NOIs can not be modified or revised in the field.

Nebraska Department of Environmental Quality

Construction Storm Water Notice of Intent (CSW-NOI)

Readiness to Apply ***(Circle "yes" or "no" as it applies to this project)***

Does a reasonable potential exist for permit authorization to be limited? [Part I.C.3] **YES** **(NO)**

If the answer to this question is **Yes**, *contact NDEQ at* **402-471-4220** *before proceeding with this* ***CSW-NOI***.

Storm water Pollution Prevention Plan (SWPPP) Part III

a. Has a **Storm Water** Pollution Prevention Plan been developed for this project? **(YES)** **NO**

b. Has a qualified individual [Part III A] prepared the **SWPPP?** **(YES)** **NO**

Has the following been incorporated into the SWPPP?

c. Site and activity descriptions as per Part III.B; **(YES)** **NO**

d. Sediment and pollution control measures and record keeping as per Part III.C; **(YES)** **NO**

e. **Erosion prevention** measures and record keeping as per Part III.C; **(YES)** **NO**

f. Inspections, maintenance of **BMP**s and associated record keeping as per Part III.E, I-J; **(YES)** **NO**

g. **Final stabilization** addressed as per Part III.M; **(YES)** **NO**

h. Does the SWPPP include documentation supporting a determination of permit eligibility with regards to endangered and threatened species and critical habitat? (Guidance is available on the NDEQ website: www.deq.state.ne.us) **(YES)** **NO**

If any questions in ***Storm Water Pollution Prevention Plan (SWPPP),*** *"a – h" above, have been answered* **No**, *complete those requirements before proceeding with this* ***CSW-NOI.***

A. Construction Site Description

a. **Project Name**: Northeast Community College - Applied Technology & Physical Plant Buildings

b. **Physical Address** and **County** (Indicate general location description if no address is available):
Northeast Community College - 801 East Benjamin Ave, P.O. Box 469, Norfolk, NE 68701

c. **Project Type**: Residential ___ Commercial/Industrial _X_ Linear ___ Other _____

d. **Project Size**: Total Area (acres): 45 Area to be disturbed (acres): 40

e. **Identify surface waters within ½ mile of project boundary that will received storm water or discharge from permanent storm water management system.**
North Fork Elkhorn River

f. **Name of Receiving Waters** (Add attachments if more than two (2) bodies of water and/or Outfalls)**:** North Fork Elkhorn River**.**
Waterbody Type river (ditch, pond, stream, river etc.).

g. **Legal Description [(1)]: _____Quarter of the _____Quarter,**
S 1/2 **Section** 14 **, Township** 24 **N, Range** 1 **(E or W)**

(1) Applicants may enter a legal description in terms other than those requested. For example: N1/2, Section 8, Township 8 N, Range 6 W.

h. Include a general location map with enough detail to identify the location of the construction site and waters of the state within one mile of the site. Has the map been included? **YES** **NO**
(e.g., USGS 7.5 minute quad map, a portion of a city or county map, or equivalent map)

i. **SWPPP Designer, company, address and phone number**:

Travis A. Figard, PE	Olsson Associates
First and Last Name	Company Name
PO Box 84608	Lincoln, NE 68501-4608
Mailing Address	City, State, Zip Code
402-458-5917	tfigard@olssonassociates.com
Phone Number	Email

j. **SWPPP Location:**
Construction Site - Job Trailer

k. **Project start date** (approximate): Summer 2013

l. **Project end date** (estimated): Summer 2014

m. List any state or federally-listed threatened or endangered species, or state or federally-designated critical habitat that is in your project area to be covered by this permit.
No threatened or endangered species are within the project limits

n. For sites previously authorized under a Construction Storm Water (CSW) permit **and** undergoing a transfer of **owner and / or certifying official**. List the previous NPDES CSW Permit Number:
NER 1__ __ __ __ __.

C. Certification

The appropriate individuals must sign information submitted on this **CSW-NOI** form as required in **NPDES** General Permit NER110000 Part VI.D.6, and below or the application will not be authorized. If more than one certifying official, submit multiple copies of the following information.

All permit applications shall be signed as per Title 119, Chapter 13 *Applications; Signatories* as follows:

002.01 For a corporation. By a **Responsible Corporate Officer**, which means:

- A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
- The manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

002.02 For a partnership or sole proprietorship: By a general partner or proprietor, respectively.

002.03 For a municipality, State, Federal, or other public agency.

- By either a principal executive officer of the agency, or
- A senior executive officer having responsibility for the operations of a principal geographic unit of the agency.

Certifying Official:

"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

Certifying Official / Date: _____ / _____

Certifying Official, company name, address, and phone number:

First and Last Name	Company Name/Applicant
Phone Number	Title
Mailing Address	City, State, Zip Code

Certifying Official #2 (optional)/ Date:_____ / _____

Certifying Official #2, company name, address, and phone number:

First and Last Name	Company Name/Applicant
Phone Number	Title
Mailing Address	City, State, Zip Code

Authorized Representative, company name, address, and phone number:

First and Last Name	Company Name
Phone Number	Title
Mailing Address	City, State, Zip Code

Submit this form to:

Water Quality Division
Storm Water
Suite 400, The Atrium
1200 'N' Street
PO Box 98922
Lincoln NE 68509-8922

APPENDIX E

CONSTRUCTION SITE NOTICE
SWPPP INFORMATION SIGN EXHIBIT

To be located on the SWPPP Information Sign

NOTES to General Contractor:

The Construction Site Notice must be posted on the SWPPP Information Sign located near the construction exit along with the NOI, GC permit authorization(s) and a reference to where the SWPPP is located on the jobsite.

CONSTRUCTION SITE NOTICE

FOR THE
NPDES GENERAL PERMIT

Contractor Firm:	
Contractor Address:	
Contact Name & Number:	_____ Name _____ Phone Number
Project Description:	

APPENDIX F

CONTRACTOR/SUBCONTRACTOR CERTIFICATION

&

CERTIFICATION OF QUALIFICATIONS FOR COMPLIANCE OFFICER

Contractor/Subcontractor Certification

012-1101
NECC Applied Technology & Physical Plant Buildings
Norfolk, NE

The General Contractor and all contractors and/or subcontractors and their employees that will implement and maintain the pollution control measures in the SWPPP and/or are involved in ground-disturbing activities on the site must be identified below. Each must sign a statement certifying that they understand the General Permit authorizing storm water discharges during construction. These certifications must be maintained in the SWPPP file.

Contractor Name _____ Trade _____

Company Name _____ Business Phone Number _____

Business Address _____ City, State Zip _____

CERTIFICATION:

"I certify that I understand the term and conditions of the National Pollutant Discharge Elimination System (NPDES) General Permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification. The SWPPP and General Permit have been made available to me to review and I agree to stay in compliance with the permit."

Signature _____ Date _____

Printed Name _____ _____ Initial here if you received a copy of storm water compliance Guidance material appropriate for the conditions at the site.

Title (Must be an Officer of company if form is a permit requirement. See Note below.) _____

✹ **All employees of contractors and subcontractors have the responsibility of notifying the General Contractor's Project Manager of any Storm Water BMP deficiencies or damage.**

The above listed contractor is responsible for the following BMPs: (check all that apply)

✓	Best Management Practice	✓	Best Management Practice	✓	Best Management Practice
	Construction Exit		Diversions		Solid Waste
	Silt Fence		Sediment Traps		Sanitary Waste
	Check Dams		Sediment Basins		Hazardous Waste Management
	Inlet Protection		Dust Control		Record Keeping
	Erosion Control		Concrete Wash-out		SWPPP modifications
	Vegetation		Fuel Storage/Containment		

Certification of Qualifications

012-1101
NECC Applied Technology & Physical Plant Buildings
Norfolk, NE

Certification of Compliance Officer Storm Water Qualifications

I certify under penalty of law that the Project Construction Manager:

Print Name _____ Certificate # _____

Project Construction Manager E-mail Address _____

1) is a Storm Water Professional*; or
2) has at least **5 years** of construction-related experience; and
3) is able to adequately identify and implement storm water sediment and erosion control practices and effectively instruct employees and contractors in the implementation of such practices.

Contractor Company Name _____ Date _____

Signature of Officer of the Company _____ Title _____

*A Storm Water Professional is an individual who is currently certified through the storm water training program required pursuant to a training program approved by US EPA.

APPENDIX G

BI-WEEKLY STORMWATER CONSTRUCTION SITE INSPECTION REPORT

Bi-Weekly Stormwater Construction Site Inspection Report

(Complete bi-weekly and after every storm event of 0.50 inches or more)

General Information			
Project Name			
NPDES Tracking No.		**Location**	
Date of Inspection		**Start/End Time**	
Inspector's Name(s)			
Inspector's Title(s)			
Inspector's Contact Information			
Inspector's Qualifications			
Describe present phase of construction			
Type of Inspection: ❑ Regular ❑ Pre-storm event ❑ During storm event ❑ Post-storm event			
Weather Information			
Has there been a storm event since the last inspection? ❑Yes ❑No **If yes, provide:** Storm Start Date & Time: Storm Duration (hrs): Approximate Amount of Precipitation (in):			
Weather at time of this inspection? ❑ Clear ❑Cloudy ❑ Rain ❑ Sleet ❑ Fog ❑ Snowing ❑ High Winds ❑ Other: Temperature:			
Have any discharges occurred since the last inspection? ❑Yes ❑No **If yes, describe:**			
Are there any discharges at the time of inspection? ❑Yes ❑No **If yes, describe:**			

Site-specific BMPs

- *Number the structural and non-structural BMPs identified in your SWPPP on your site map and list them below (add as many BMPs as necessary). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required BMPs at your site.*
- *Describe corrective actions initiated, date completed, and note the person that completed the work in the Corrective Action Log.*

	BMP	BMP Installed?	BMP Maintenance Required?	Corrective Action Needed and Notes
1		❑Yes ❑No	❑Yes ❑No	
2		❑Yes ❑No	❑Yes ❑No	
3		❑Yes ❑No	❑Yes ❑No	
4		❑Yes ❑No	❑Yes ❑No	
5		❑Yes ❑No	❑Yes ❑No	
6		❑Yes ❑No	❑Yes ❑No	
7		❑Yes ❑No	❑Yes ❑No	
8		❑Yes ❑No	❑Yes ❑No	
9		❑Yes ❑No	❑Yes ❑No	

	BMP	BMP Installed?	BMP Maintenance Required?	Corrective Action Needed and Notes
10		❑Yes ❑No	❑Yes ❑No	
11		❑Yes ❑No	❑Yes ❑No	
12		❑Yes ❑No	❑Yes ❑No	
13		❑Yes ❑No	❑Yes ❑No	
14		❑Yes ❑No	❑Yes ❑No	
15		❑Yes ❑No	❑Yes ❑No	
16		❑Yes ❑No	❑Yes ❑No	
17		❑Yes ❑No	❑Yes ❑No	
18		❑Yes ❑No	❑Yes ❑No	
19		❑Yes ❑No	❑Yes ❑No	
20		❑Yes ❑No	❑Yes ❑No	

Overall Site Issues

Below are some general site issues that should be assessed during inspections. Customize this list as needed for conditions at your site.

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
1	Are all slopes and disturbed areas not actively being worked properly stabilized?	❑Yes ❑No	❑Yes ❑No	
2	Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs?	❑Yes ❑No	❑Yes ❑No	
3	Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained?	❑Yes ❑No	❑Yes ❑No	
4	Are discharge points and receiving waters free of any sediment deposits?	❑Yes ❑No	❑Yes ❑No	
5	Are storm drain inlets properly protected?	❑Yes ❑No	❑Yes ❑No	
6	Is the construction exit preventing sediment from being tracked into the street?	❑Yes ❑No	❑Yes ❑No	
7	Is trash/litter from work areas collected and placed in covered dumpsters?	❑Yes ❑No	❑Yes ❑No	

	BMP/activity	Implemented?	Maintenance Required?	Corrective Action Needed and Notes
8	Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?	❑Yes ❑No	❑Yes ❑No	
9	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material?	❑Yes ❑No	❑Yes ❑No	
10	Are materials that are potential stormwater contaminants stored inside or under cover?	❑Yes ❑No	❑Yes ❑No	
11	Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	❑Yes ❑No	❑Yes ❑No	
12	(Other)	❑Yes ❑No	❑Yes ❑No	

Non-Compliance

Describe any incidents of non-compliance not described above:

CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title:

_____

Signature: _____ **Date:** _____

APPENDIX H

SPILL REPORT FORM

NOTES to General Contractor:

1) Contact the appropriate regulatory agency if the spill exceeds the applicable reportable quantity.
2) Complete this form in full for each spill that exceeds 1-gallon or exceeds the reportable quantity for the Governing Agency.
3) Transfer spill information to the Bi-weekly report and resolve as appropriate.

Spill Report Form

012-1101
NECC Applied Technology & Physical Plant Buildings
Lincoln, NE

Spill Reported by: _____

Date/Time Spill: _____

Describe spill location and events leading to spill: _____

_____

Material spilled: _____

Source of spill: _____

Amount spilled: _____ Amount spilled to waterway: _____

Containment or clean up action: _____

_____

_____

Approximate depth of soil excavation: _____

List Injuries or Personal Contamination: _____

Action to be taken to prevent future spills: _____

_____

Modifications to the SWPPP necessary due to this spill: _____

_____

Agencies notified of the spill: _____

_____

_____

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

_____ _____
Project Construction Manager Date

IMMEDIATELY COMPLETE IF THE SPILL EXCEEDS 1-GALLON or EXCEEDS THE REPORTABLE QUANTITY FOR THE GOVERNING AGENCY.
SEE SECTION V, PART B.9. OF THE SWPPP TO DETERMINE THE REPORTABLE QUANTITY FOR GOVERNING AGENCY.

APPENDIX I

CONSTRUCTION STORM WATER NOTICE OF TERMINATION (CWS-NOT)

Nebraska Department of Environmental Quality

Construction Storm Water Notice of Termination (CSW-NOT)

1. Termination Prerequisites

a. Have the **final stabilization** requirements been met on the entire site? [See Part III.M]; **YES** **NO**

b. Has the entire **Construction Activity** been transferred to another **operator/permittee** who has received authorization under the conditions of a **NPDES** permit for **Storm Water** runoff? [See Part V] **OR** has coverage under an alternative NPDES permit been obtained by the same **operator/permittee**? **YES** **NO**

What is the alternative **NPDES** Permit Number? NER___ ___ ___ ___ ___

*If any of the termination prerequisite questions are answered **Yes**, complete the remaining **NOT** form.*

Construction Storm Water – Notice of Termination (CSW - NOT)

2. Project Information

NPDES General Permit Number: **NER110000** Permit **Authorization Number: NER_____**

Project Name (from original **CSW-NOI**): _____

3. Signature

*The appropriate individuals must sign information submitted on this **CSW-NOT** form as required in **NPDES** General Permit NER110000 Part VI.D.6 or the authorization will not be terminated.*

_____ _____

Certifying Official Signature Date

_____

Print **Certifying Official** Signature

Submit this form to:

Water Quality Division
Storm Water
Suite 400, The Atrium
1200 'N' Street
PO Box 98922
Lincoln NE 68509-8922
Telephone. 402/471-4220
Fax: 402/471-2909

APPENDIX J

CONSTRUCTION STORM WATER NOTICE OF TRANSFER (CWS-TRANSFER)

Nebraska Department of Environmental Quality

Construction Storm Water Notice of Transfer (CSW-Transfer)

These prerequisite requirements must be completed prior to completing the CSW-TRANSFER form.

1. **Transfer Prerequisites:**

   a. Has the current **owner** and/or **permittee** of the **Construction Activity** provided the new **owner** and/or **permittee** with a copy of the **NPDES** General Permit Number NER110000? **YES NO**

   b. Has the new **owner** and/or **permittee** been made aware that they must submit a Notice of Intent (CSW-NOI) to the **Department** and a copy of the CSW-NOI to the Municipality within whose jurisdiction they are located? (See Appendix *B* for a list of municipalities to whom this is relevant) **YES NO**

   c. Has the new owner and/or permittee been made aware of their responsibility to fulfill all requirements of the permit? **YES NO**

   d. Have all violations (if any) of this permit authorization been disclosed to the new **owner** and/or **permittee**? **YES NO**

   If "NO" has been answered to any of the above, fulfill these requirements before submitting the completed CSW-TRANSFER.

2. **Permit & Property Description for Transfer**

   a. Construction Storm water General Permit Authorization Number site is currently operating under: NER1 ___ ___ ___ ___ ___ .

   b. Current Project Name (as submitted on the CSW-NOI):

   _____

   _____

   c. Transfer Portion Information - Identification of the transferred portion of the property (such as a single lot, lot size, lot number, utility right of way, easement, etc.):

   _____

   _____

   d. Property Transfer Size: Total Acres _____; Acres remaining after transfer**: _____**

   e. Current Applicant Name: _____

   Certifying Official Name: _____

   (These must be the same as on the original CSW-NOI listed in 2.a, b above)

   f. Mailing Address: _____

   _____

   Telephone Number:(_____)_____(optional) E-Mail:_____

   g. Effective Date of Property Transfer: _____

3. New Information for Portion of Site Transferred

The Certifying Official shall provide the **Department** and the Municipality within which they operate copies of this form with the following Project Information:

a. New Project Name: _____

b. New Owner and/or Permittee Information:

1) **Company Name**: _____

2) **Certifying Official Name**_____

3) **Certifying Official's Title**_____

4) **Mailing Address**_____

_____

5) **Telephone Number**: (_____)_____, **E-Mail**_____(optional**)**

c. Signatures:

For an **permittee** transferring authorization of any portion of the **Construction Activity** to a new **permittee**:

1) **Current Certifying Official** / Date:_____ / _____

2) **New Certifying Official** / Date:_____ / _____

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Submit this form to:

Water Quality Division
Storm Water
Suite 400, The Atrium
1200 'N' Street
PO Box 98922
Lincoln NE 68509-8922

Both parties must keep copies of this form. The party from whom the authorization is transferred must submit the original *CSW-TRANSFER* to the **Department** and the Municipality within which the construction project is located (see *Appendix B* for a list of municipalities). Also give the new holder of the authorization a copy of the *CSW-TRANSFER*.

APPENDIX K

RECORD OF STABILIZATION AND CONSTRUCTION ACTIVITY DATES

NOTE to General Contractor:

The General Contractor shall the list of stabilization and grading activities.

Site Stabilization and Construction Activity Dates

A record of dates when BMPs are installed or removed, stabilization measures are initiated, major grading activities occur, and construction activities temporarily or permanently cease on a portion of the site shall be maintained until final site stabilization is achieved and the Notice of Termination (NOT) is filed. This form must be updated continuously throughout the project until the NOT is filed.

MAJOR STABILIZATION AND GRADING ACTIVITIES

Description of Activity:______________________________ ______________________________
Site Contractor: ______________________________ Begin (date): ______________ End(date):______________
Location:____

Description of Activity:______________________________ ______________________________
Site Contractor: ______________________________ Begin (date): ______________ End(date):______________
Location:____

Description of Activity:______________________________ ______________________________
Site Contractor: ______________________________ Begin (date): ______________ End(date):______________
Location:____

Description of Activity:______________________________ ______________________________
Site Contractor: ______________________________ Begin (date): ______________ End(date):______________
Location:____

Description of Activity:______________________________ ______________________________
Site Contractor: ______________________________ Begin (date): ______________ End(date):______________
Location:____

Description of Activity:______________________________ ______________________________
Site Contractor: ______________________________ Begin (date): ______________ End(date):______________
Location:____

Description of Activity:______________________________ ______________________________
Site Contractor: ______________________________ Begin (date): ______________ End(date):______________
Location:____

Description of Activity:______________________________ ______________________________
Site Contractor: ______________________________ Begin (date): ______________ End(date):______________
Location:____

Description of Activity:______________________________ ______________________________
Site Contractor: ______________________________ Begin (date): ______________ End(date):______________
Location:____

Description of Activity:______________________________ ______________________________
Site Contractor: ______________________________ Begin (date): ______________ End(date):______________
Location:____

Description of Activity:______________________________ ______________________________
Site Contractor: ______________________________ Begin (date): ______________ End(date):______________
Location:____

Description of Activity:______________________________ ______________________________
Site Contractor: ______________________________ Begin (date): ______________ End(date):______________
Location:____

Description of Activity:______________________________ ______________________________
Site Contractor: ______________________________ Begin (date): ______________ End(date):______________

Location:_____

APPENDIX L

FEDERAL, STATE, OR LOCAL STORM WATER OR OTHER ENVIRONMENTAL INSPECTOR SITE VISIT LOG

Federal, State, or Local Storm Water or other Environmental Inspector Site Visit Log

Inspectors Name: _____ Agency: _____

Contractors Representative Present: _____

Others Present: _____

Comments: _____

Time and Date: _____ Report Prepared: Yes No

Inspectors Name: _____ Agency: _____

Contractors Representative Present: _____

Others Present: _____

Comments: _____

Time and Date: _____ Report Prepared: Yes No

Inspectors Name: _____ Agency: _____

Contractors Representative Present: _____

Others Present: _____

Comments: _____

Time and Date: _____ Report Prepared: Yes No

Applicant (Cognizant Official) and Owner's Engineer must be contacted at the conclusion of any agency inspection of the site. Caller must provide as a minimum the date, inspection beginning and completion times, inspecting agency, agency inspector name, all contractor representative names, and a brief summary of any comments, observations or deficiencies noted during the inspection.

APPENDIX M

GENERAL PERMIT

Authorization to Discharge Under the National Pollutant Discharge Elimination System (NPDES) General NPDES Permit Number NER110000 for Storm Water Discharges from Construction Sites to Waters of the State of Nebraska

This **NPDES** general permit is issued in compliance with the provisions of the Federal Water Pollution Control Act (33 U.S.C. Secs. 1251 *et. seq*. as amended to date), the Nebraska Environmental Protection Act (Neb. Rev. Stat. Secs. 81-1501 *et. seq.* as amended to date), and the Rules and Regulations promulgated pursuant to these Acts. Application may be made under this general permit for authorization to discharge **Storm Water** from construction sites. **Owners** or **Operators** issued a discharge authorization under this general permit are required to comply with the limits, requirements, prohibitions, and conditions set forth herein. The issuance of a discharge authorization under this general permit does not relieve **Permittees** of other duties and responsibilities under the Nebraska Environmental Protection Act, as amended, or established by regulations promulgated pursuant thereto.

NPDES Permit Number**: NER110000**

This permit shall become effective on **January 1, 2008**.

This permit and the authorization to discharge shall expire at midnight, **December 31, 2012**

Pursuant to a Delegation Memorandum dated January 12, 1999 and signed by the **Director**, the undersigned

hereby executes this document on behalf of the **Director**.

Signed this _____ day of _____, _____

_____

Patrick W. Rice
Assistant Director

TABLE OF CONTENTS

ATTACHMENTS

Attachment # 1 Construction **Storm Water** Notice of Intent Form (CSW-**NOI**)

Attachment # 2 Construction **Storm Water** Transfer Form (CSW-TRANSFER)

Attachment # 3 Construction **Storm Water Notice of Termination** Form (CSW-**NOT**)

Terms written in **BOLDFACE** *in this permit are defined in the Definitions section of Part VII.*

PART I. COVERAGE UNDER THIS PERMIT

A. Introduction

This permit is required and shall apply to **storm water** discharges associated with **construction activity** that causes land disturbance of equal to or greater than one acre and less than one acre if part of a larger **common plan of development or sale**. All references in this permit to **construction activity** shall be read to include both **large construction activity** and **small construction activity**. This permit authorizes the discharge of storm water from **construction activity** entering **waters of the state**, a **municipal separate storm sewer system (MS4)** or a **combined sewer** within the State of Nebraska. Discharges are subject to the specific terms and conditions in this permit.

This permit also authorizes **storm water** discharges from any other **construction activity,** as designated by the **Director,** where the designation is made based on the potential for an excursion of a water quality standard or for significant contribution of pollutants to **waters of the state**. The goal of this permit is to reduce or eliminate **storm water** pollution from **construction activity** by requiring implementation of appropriate pollution control practices to protect water quality.

B. Permit Area

This permit provides **coverage** for **construction** and **support activity** throughout the State of Nebraska excluding tribal land within the State of Nebraska and as per limitations in Part I.C.3 of this permit.

C. Eligibility

Permit eligibility is limited to discharges from **construction activity** as defined in Part VII or as otherwise designated by the Director. This general permit contains eligibility restrictions, as well as permit conditions and requirements. In such cases, you must continue to satisfy those eligibility provisions to maintain permit authorization. If you do not meet the requirements that are a pre-condition to eligibility, then resulting discharges constitute unpermitted discharges. By contrast, if you do not comply with the requirements of the general permit, you may be in violation of the general permit for your otherwise eligible discharges.

1. Allowable Storm Water Discharges

Subject to compliance with the terms and conditions of this permit, you are authorized to discharge pollutants in:

a. **Storm water** associated with **large and small construction activity** as defined in Part VII;

b. **Storm water** discharges designated by the Director requiring a **storm water** permit under NDEQ Title 119, *Rules and Regulations Pertaining to the Issuance of Permits Under the* ***National Pollutant Discharge Elimination System (NPDES)*** *Chapter 2 002;*

c. Discharges composed of allowable discharges listed in Part I.C.1.a and Part I.C.1.b commingled with a discharge authorized by a different **NPDES** permit and/or a discharge that does not require **NPDES** permit authorization; and

d. **Storm water** discharges from **support activities** (e.g., concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas, borrow areas) provided:

1) The **support activity** is directly related to the construction site required to have **NPDES** permit **coverage** for discharges of **storm water** associated with **construction activity**;
2) The **support activity** is not a commercial operation serving multiple unrelated construction projects by different **operator**s, and does not operate beyond the completion of the **construction activity** at the last construction project it supports; and
3) Appropriate controls and measures are identified in a **Storm Water Pollution Prevention Plan** (**SWPPP**) covering the discharges from the **support activity** areas;

2. Allowable Non-Storm Water Discharges

You are authorized for the following non-**storm water** discharges, *provided* the non-**storm water** component of the discharge is in compliance with Part III.D:

a. Discharges from fire-fighting activities;
b. Fire hydrant flushings;
c. Waters used to wash vehicles where detergents are not used;
d. Water used to control dust;
e. Potable water including uncontaminated water line flushings;
f. Routine external building wash down that does not use detergents;
g. Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used;
h. Uncontaminated air conditioning or compressor condensate;
i. Uncontaminated ground water or spring water;
j. Foundation or footing drains where flows are not contaminated with process materials such as solvents; and
k. Landscape irrigation.

3. Limitations on Coverage

This permit does not authorize the following **storm water** runoff conditions and may be the basis for denial or termination of authorization under this general permit. The **Department** shall be consulted prior to your submission of the **CSW-NOI** if any of the following conditions apply:

a. This permit does not authorize post-construction discharges that originate from the site after construction activities have been completed and the site has achieved **final stabilization**, including any temporary **support activity**. Post-construction **storm water** discharges from industrial sites may need to be covered by a separate **NPDES** permit.
b. This permit does not authorize discharges mixed with non-**storm water**. This exclusion does not apply to discharges identified in Part I.C.2 provided the discharges are in compliance with Part III.D.
c. This permit does not authorize **storm water** discharges associated with **construction activity** that have been covered under an individual NPDES permit or required to obtain **coverage** under an alternative general permit in accordance with Part IV.A.
d. This permit does not authorize discharges that the Director, prior to authorization under this permit, determines will cause, have the reasonable potential to cause, or contribute to an excursion above any applicable water quality or groundwater quality standards. Where such a determination is made prior to authorization, NDEQ may notify you that an individual permit application is necessary in accordance with Part IV.A. However, NDEQ may authorize your **coverage** under this permit after you have included appropriate controls and implementation procedures in your **SWPPP** designed to bring your discharge into compliance with water quality standards.
e. Storm water runoff from construction activity within the limits of any tribal lands under the jurisdiction of the United States Government, dependent tribal communities within the borders of the United States, or other tribal allotments;
f. Non-point source agricultural and silvicultural discharges;

g. Those storm water discharges for which storm water effluent guideline limitations apply;

h. Those from an operating landfill;

i. Storm water runoff from field activities or operations, including construction, associated with oil and gas exploration, production, processing or treatment operations or transmission facilities as dictated by NDEQ Title 119, Chapter 10.

j. Storm water runoff that may adversely impact critical habitat of aquatic related, threatened or endangered species as designated by Nebraska Game and Parks Commission (www.ngpc.state.ne.us) or the U.S. Fish and Wildlife Service (www.fws.gov).

k. Storm water runoff that may adversely affect properties listed or eligible for listing in the National Register of Historic Places (www.nebraskahistory.org) or affecting known or discovered archeological sites; or

l. Those that the Director determines would be more effectively regulated with a site specific, area specific, or a basin specific permit.

4. Period of Coverage

a. This permit is effective as of the issued date and is effective for five years.

b. Coverage shall commence at the time discharge authorization is granted and shall continue for a period lasting at least 180 days after final stabilization and **Notice of Termination** is received for the site.

c. The Director can extend coverage under the permit beyond the time period specified in this section if excessive erosion problems remain at the site.

PART II. AUTHORIZATION FOR DISCHARGES OF STORM WATER FROM CONSTRUCTION ACTIVITY

To obtain **coverage** under this general permit, you must prepare and submit a complete and accurate construction **storm water Notice of Intent** (**CSW-NOI**), as described in this Part. Discharges are not authorized if your **CSW-NOI** is incomplete or inaccurate or if you were never eligible for permit **coverage**.

A. Authorization to discharge date

1. If you submit a **CSW-NOI** after the issuance date of this permit you are authorized to discharge **storm water** from construction activities under the terms and conditions of this permit seven (7) calendar days after submittal to NDEQ of a complete and accurate **CSW-NOI** (i.e., 7 days from date of postmark), except as noted in Part II.A.2. The Department will notify you of the permit authorization in writing.
2. The **Director** may delay your authorization based on eligibility considerations of Part I.C. In these instances, you are not authorized for **coverage** under this permit until you receive notice from NDEQ of your eligibility.

B. CSW Notice of Intent Contents

You must use the **CSW-NOI** form provided in *Attachment 1* (or a photocopy thereof or electronic **CSW-NOI** form that may become available during the term of this permit provided by NDEQ), You must provide the following information on the **CSW-NOI** form:

1. Project/Site name, address, county or similar governmental subdivision, and latitude/longitude of your construction project or site;
2. The **certifying official's** legal name, address and phone number;
3. The **SWPPP** designer name, company, address and phone number;
4. The location where the applicable **SWPPP** may be viewed;
5. A site map as described in Part III.B.1.d of this permit;
6. Name of the **water(s) of the state** into which your site discharges;

7. Estimated dates of commencement of **construction activity** and **final stabilization** (i.e., project start and completion dates);
8. Total acreage (to the nearest quarter acre) to be disturbed for which you are requesting permit **coverage**;
9. Any state or federally-listed threatened or endangered species, or state or federally-designated critical habitat are in your project area to be covered by this permit.
10. A certification statement, signed and dated by an **certifying official** as defined in Part VI.D.

C. Submission Deadlines

1. New Projects: To obtain **coverage** under this permit, you must submit a complete and accurate **CSW-NOI** and be authorized consistent with Part II.A.1 prior to commencement of construction activities.
2. Permitted Ongoing Projects (only applicable for first 90 days after this permit is issued): If you previously received authorization to discharge for your project under the 1997 Construction Storm Water General Permit (CSW-1997) and you wish to continue **coverage** under this permit:
   a. Submit an **CSW-NOI** within 90 days of the issuance date of this permit, and
   b. Until you are authorized under this permit consistent with Part II.A, comply with the terms and conditions of the CSW-1997 general permit under which you were previously authorized.
   c. If you meet the termination of **coverage** requirements in accordance with Part V.A within 90 days of the issuance date of this permit (e.g., construction will be finished and **final stabilization** achieved) you must:
      1) Submit an CSW-NOT using the form provided in Attachment #3, and
      2) Until coverage is no longer required, comply with the terms and conditions of the CSW-1997 general permit under which you were previously authorized.
3. Late Notifications:

   You are not prohibited from submitting a **CSW-NOI** after initiating clearing, grading, excavation activities, or other construction activities. When a late **CSW-NOI** is submitted, authorization for discharges occurs consistent with Part II.A. The **Department** reserves the right to take enforcement action for any unpermitted discharges that occur between the commencement of construction and discharge authorization.

D. Where to Submit

Original applications and forms (no photocopies or faxes) for **NPDES** General Permit NER110000 shall be submitted to the following address:

Water Quality Division
Storm Water
Suite 400, The Atrium
1200 'N' Street
PO Box 98922
Lincoln Nebraska 68509-8922

E. Additional Requirements

1. The Department may request additional information from the source:
   a. To facilitate the review of the **CSW-NOI**;
   b. To finalize a determination related to the granting of a discharge authorization; or
   c. To determine whether a site specific, area specific, or basin specific permit application may be required.
2. When **storm water** is discharged through **municipal separate storm sewer systems**, applicants shall concurrently submit a copy of **NPDES** form **CSW-NOI** to the **operator** of the **municipal separate storm sewer system** through which they discharge. Appendix B has a listing of those municipalities that are permitted under the **Municipal Separate Storm Sewer program**.

3. Other government agencies (e.g. US Army Corps of Engineers, Local City/County Government, or the local Natural Resource District) may have additional notification requirements. Submittal of the **NPDES** form **CSW-NOI** does not relieve the applicant of responsibility to comply with the requirements of other government agencies.

PART III. STORM WATER POLLUTION PREVENTION PLANS (SWPPP)

A. Storm Water Pollution Prevention Plan Framework

1. A **SWPPP** must be prepared prior to submission of a **CSW-NOI** as required in Part II.B. The **SWPPP** must be prepared by a qualified individual such as a Professional Engineer, Certified Landscape Architect, and /or Certified Professional in **Erosion** and **Sediment Control**.
2. The **SWPPP** must:
   a. Identify all potential sources of pollution which may reasonably be expected to affect the quality of **storm water** discharges from the construction site;
   b. Minimize erosion on disturbed areas and minimize the discharge of sediment and other pollutants in storm water runoff;
   c. Describe practices to be used to reduce pollutants in **storm water** discharges from the construction site; and
   d. Assure compliance with the terms and conditions of this permit.
3. Once a definable area has achieved **final stabilization**, you may mark this on your **SWPPP** and no further **SWPPP** or inspection requirements apply to that portion of the site (e.g., earth-disturbing activities around one of three buildings in a complex are done and the area is finally **stabilized**, one mile of a roadway or pipeline project is done and finally **stabilized**, etc).
4. You must implement the **SWPPP** as written from commencement of **construction activity** until **final stabilization** is complete.

B. Pollution Prevention Plan Contents: Site and Activity Description

1. The **SWPPP** must describe the nature of the **Construction Activity**, including:
   a. The function of the project (e.g., low density residential, shopping mall, highway, etc.);
   b. The intended sequence and timing of activities that disturb soils at the site;
   c. Estimates of the total area expected to be disturbed by excavation, grading, or other construction activities, including dedicated off-site borrow and fill areas; and
   d. A general location map (e.g., USGS quadrangle map, a portion of a city or county map, or other map) with enough detail to identify the location of the construction site and **waters of the state** within one mile of the site.
2. The **SWPPP** must contain legible site map(s) showing the entire site during grading, construction, and post-construction phases, identifying:
   a. Direction(s) of **storm water** flow and approximate slopes anticipated after major grading activities;
   b. Areas of soil disturbance and areas that will not be disturbed;
   c. Locations of major structural and nonstructural **Best Management Practices (BMP**s) identified in the **SWPPP**;
   d. Locations where stabilization practices are expected to occur;
   e. Locations of off-site material, waste, borrow or equipment storage areas;
   f. Locations of all **Waters of the State** (including wetlands);
   g. Locations where **storm water** discharges to a surface water; and
   h. Areas where **final stabilization** has been accomplished and no further construction-phase permit requirements apply.

3. The **SWPPP** must describe and identify the location and description of any **storm water** discharge associated with industrial activity other than construction at the site. This includes **storm water** discharges from dedicated asphalt plants and dedicated concrete plants, which are covered by this permit.

C. Pollution Prevention Plan Contents: Controls to Reduce Pollutants

1. The **SWPPP** must include a description of all pollution control measures (i.e., **BMP**s) that will be implemented as part of the **Construction Activity** to control pollutants in **storm water** discharges. For each major activity identified in the project description the **SWPPP** must clearly describe appropriate control measures and the general sequence during the construction process in which the measures will be implemented.
2. The **SWPPP** must include a description of interim and permanent stabilization practices for the site including a schedule of when the practices will be implemented.
3. The following records must be maintained as part of the **SWPPP**:
   a. Dates when major grading activities occur;
   b. Dates when construction activities temporarily or permanently cease on a portion of the site; and
   c. Dates when stabilization measures are initiated.
4. The **SWPPP** must include a description of structural practices to divert flows from exposed soils, retain/detain flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site.
5. The **SWPPP** must include a description of all post-construction **storm water** management measures that will be installed during the construction process to control pollutants in **storm water** discharges after construction operations have been completed. Such measures must be designed and installed in compliance with applicable federal, state, and local requirements. Maintenance plans of permanent management measures must be included in the **SWPPP**.
6. The **SWPPP** must describe measures to prevent the discharge of solid materials, including building materials and cement truck washout to **waters of the state**, except as authorized by a permit issued under section 404 of the CWA.
7. The **SWPPP** must describe measures to minimize, to the extent practicable, off-site vehicle tracking of sediments onto paved surfaces and the generation of dust.
8. The **SWPPP** must include a description of construction and waste materials expected to be stored on-site with updates as appropriate. The **SWPPP** must also include a description of controls, including storage practices, to minimize exposure of the materials to **storm water**, and **spill prevention control and countermeasure** practices.
9. The **SWPPP** must include a description of pollutant sources from areas other than construction (including **storm water** discharges from dedicated asphalt plants and dedicated concrete plants), and a description of controls and measures that will be implemented at those sites to minimize pollutant discharges.

D. Non-Storm Water Discharge Management

The **SWPPP** must identify all allowable sources of non-**storm water** discharges listed in Part I.C.2 of this permit, except for flows from fire fighting activities that are combined with **storm water** discharges associated with **Construction Activity** at the site. Non-**storm water** discharges should be eliminated or reduced to the extent feasible. The **SWPPP** must identify and ensure the implementation of appropriate pollution prevention measures for the non-**storm water** component(s) of the discharge.

E. Maintenance of Controls

1. All erosion and **sediment control** measures and other protective measures identified in the **SWPPP** must be maintained in effective operating condition. If site inspections required by Part III.I identify **BMP**s that are not operating effectively, maintenance must be performed within seven days and before the next storm event whenever practicable to maintain the continued effectiveness of **storm water** controls.

2. If existing **BMPs** need to be modified or if additional **BMPs** are necessary for any reason, implementation must be completed before the next storm event whenever practicable. If implementation before the next storm event is impracticable, the situation must be documented in the **SWPPP** and alternative **BMPs** must be implemented as soon as possible.
3. Sediment from sediment traps or sedimentation ponds must be removed when design capacity has been reduced by 50 percent.

F. Permit Eligibility Related to Endangered Species

The **SWPPP** must include documentation supporting a determination of permit eligibility with regard to Endangered Species, including:

1. Information on whether state or federally-listed endangered or threatened species, or designated critical habitat may be in the project area;
2. Whether such species or critical habitat may be adversely affected by **storm water** discharges or **storm water** discharge-related activities from the project;
3. Any correspondence for any stage of project planning between the U.S. Fish and Wildlife Service (FWS), Nebraska Game and Parks Commission (NGPC), EPA, NDEQ or others and you regarding listed species and critical habitat, including any notification that delays your authorization to discharge under this permit;
4. A description of measures necessary to protect state- and federally-listed endangered or threatened species, or state and federally-designated critical habitat. The **permittee** must describe and implement such measures to maintain eligibility for **coverage** under this permit.

G. Copy of Permit Requirements

Copies of this permit and of the signed and certified **CSW-NOI** form that was submitted to NDEQ must be included in the **SWPPP**. Also, upon receipt, a copy of the letter from the NDEQ notifying you of their receipt of your administratively complete **CSW-NOI** must also be included as a component of the **SWPPP**.

H. Applicable State, or Local Requirements

The **SWPPP** must be consistent with all applicable federal, state, or local requirements for soil and erosion control and **storm water** management, including updates to the **SWPPP** as necessary to reflect any revisions to applicable federal, state, or local requirements for soil and erosion control.

I. Inspections

1. Inspections must be conducted at least once every fourteen (14) calendar days, and within 24 hours of the end of a storm event of 0.5 inches or greater. Any delay in the replacement or maintenance of non-functional **BMPs** beyond seven (7) calendar days shall be documented in the **SWPPP** with sufficient detail as to explain the reason for the delay.
2. Inspection frequency may be reduced to at least once every month if:
    a. The entire site is temporarily **stabilized**;
    b. Runoff is unlikely due to winter conditions (e.g., site is covered with snow, ice, or the ground is frozen);
    c. Reduced inspection frequency does not relieve the permittee of the maintenance responsibilities during interim periods.
3. Inspections must be conducted by qualified personnel (provided by the **operator** or cooperatively by multiple **operators**). “Qualified personnel” means a person knowledgeable in the principles and practice of erosion and **sediment controls** who possesses the skills to assess conditions at the construction site that could impact **storm water** quality and to assess the effectiveness of any erosion and **sediment control** measures selected to control the quality of **storm water** discharges from the **construction activity**.

4. Inspections must include all areas of the site disturbed by **construction activity** and areas used for storage of materials that are exposed to precipitation. Inspectors must look for evidence of, or the potential for, pollutants entering the **storm water** conveyance system. Erosion and **sediment control** measures identified in the **SWPPP** must be observed to ensure proper operation. Discharge locations must be inspected to ascertain whether control measures are effective in preventing significant impacts to **waters of the state**, where accessible. Where discharge locations are inaccessible, nearby downstream locations must be inspected to the extent that such inspections are practicable. Locations where vehicles enter or exit the site must be inspected for evidence of off-site sediment tracking.
5. Utility line installation, pipeline construction, and other examples of long, narrow, linear construction activities may limit the access of inspection personnel to the areas described above. Inspection of these areas could require that vehicles compromise temporarily or even permanently **stabilized** areas, cause additional disturbance of soils, and increase the potential for erosion. In these circumstances, controls must be inspected on the same frequencies as other construction projects, but representative inspections may be performed. For representative inspections, personnel must inspect controls along the construction site for 0.25 mile above and below each access point where a roadway, undisturbed right-of-way, or other similar feature intersects the construction site and allows access to the areas described above. The conditions of the controls along each inspected 0.25 mile segment may be considered as representative of the condition of controls along that reach extending from the end of the 0.25 mile segment to either the end of the next 0.25 mile inspected segment, or to the end of the project, whichever occurs first.
6. For each inspection required above, you must complete an inspection report. At a minimum, the inspection report must include:
    a. The inspection time and date;
    b. Names, titles, and qualifications of personnel making the inspection;
    c. Weather information for the period since the last inspection (or since commencement of **construction activity** if the first inspection) including a best estimate of the beginning of each storm event, duration of each storm event, approximate amount of rainfall for each storm event (in inches), and whether any discharges occurred;
    d. Weather information and a description of any discharges occurring at the time of the inspection;
    e. Location(s) of discharges of sediment or other pollutants from the site;
    f. Location(s) of **BMPs** that need to be maintained;
    g. Location(s) of **BMPs** that failed to operate as designed or proved inadequate for a particular location;
    h. Monitoring results if requested;
    i. Records of the last grading activity;
    j. Location(s) where additional **BMPs** are needed that did not exist at the time of inspection; and
    k. Corrective action required including any changes to the **SWPPP** necessary and implementation dates.

A record of each inspection and of any actions taken must be retained as part of the **SWPPP** for at least three years from the date that permit **coverage** expires or is terminated. The inspection reports must identify any incidents of non-compliance with the permit conditions. Where a report does not identify any incidents of non-compliance, the report must contain a certification that the construction project or site is in compliance with the **SWPPP** and this permit. The report must be signed in accordance with Part VI.D.6 of this permit.

J. Maintaining an Updated Plan

1. The **SWPPP**, including the site map, must be amended whenever there is a change in design, construction, operation, or maintenance at the construction site that has or could have a significant effect on the discharge of pollutants to **waters of the state** that has not been previously addressed in the **SWPPP**.
2. The **SWPPP** must be amended if during inspections or investigations by site staff, or by local, state, or federal officials, it is determined that the **SWPPP** is ineffective in eliminating or significantly minimizing pollutants in **storm water** discharges from the construction site.

3. Based on the results of an inspection, the **SWPPP** must be modified as necessary to include additional or modified **BMPs** designed to correct problems identified. Revisions to the **SWPPP** must be completed within seven (7) calendar days following the inspection. Implementation of these additional or modified **BMPs** must be accomplished as described in Part III.E.

K. Signature, Plan Review and Making Plans Available

1. A copy of the **SWPPP** (including a copy of the permit), **CSW-NOI**, and the letter from **NDEQ** notifying you of the receipt of the complete and accurate **CSW-NOI** must be retained at the construction site or other location easily accessible during normal business hours. The **SWPPP** must be made available upon request to Federal, State, and local agencies, from the date of commencement of construction activities to the date of **final stabilization**.
2. A sign or other notice must be posted conspicuously near the main entrance of the construction site. If displaying near the main entrance is infeasible, the notice can be posted in a local public building such as the town hall or public library. The sign or other notice must contain the following information:
   a. A copy of the completed **CSW-NOI** as submitted to the NDEQ; and
   b. If the location of the **SWPPP** or the name and telephone number of the contact person for scheduling **SWPPP** viewing times has changed (i.e., is different than that submitted to NDEQ in the **CSW-NOI**), the current location of the **SWPPP** and name and telephone number of a contact person for scheduling viewing times. For linear projects, the sign or other notice must be posted at a publicly accessible location near the active part of the construction project (e.g., where a pipeline project crosses a public road).

L. Management Practices

1. All control measures must be properly selected, installed, and maintained in accordance with any relevant manufacturer specifications and good engineering practices. If periodic inspections or other information indicates a control has been used inappropriately, or incorrectly, the **operator** must replace or modify the control for site situations as soon as practicable.
2. If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize off-site impacts. Sediment escaping the construction site indicates there may be insufficient **BMPs** to control runoff.
3. Litter, construction debris, and construction chemicals that could be exposed to **storm water** must be prevented from becoming a pollutant source in **storm water** discharges.
4. Except as provided below, stabilization measures must 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.
   a. Where stabilization by the 14th day is precluded by snow cover or frozen ground conditions, stabilization measures must be initiated as soon as practicable.
   b. Where **construction activity** on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 14 days, temporary stabilization measures do not have to be initiated on that portion of the site.
   c. In semiarid and drought-stricken areas where initiating perennial vegetative stabilization measures is not possible within 14 days after **construction activity** has temporarily or permanently ceased, final vegetative stabilization measures must be initiated as soon as practicable.
5. Velocity dissipation devices must be placed at discharge locations and along the length of any **outfall** channel to provide a non-erosive flow velocity from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g., no significant changes in the hydrological regime of the receiving water).

M. Final Stabilization

The **Permittee** shall be responsible for ensuring that **final stabilization** is accomplished on all non-**impervious surface**s of the authorized construction site prior to submitting form **CSW-NOT**.

1. **Coverage** under this permit is normally terminated 180 calendar days after:
   a. All soil disturbing **construction activity** has been completed;
   b. A uniform perennial vegetative cover with a minimum density of 70 percent of the native background vegetative cover, has been established on all non-**impervious surface**s and areas not covered by permanent structures unless equivalent permanent stabilization (such as riprap, gabions, and geotextiles) measures have been employed;
   c. All permanent drainages, constructed to drain water from the site, has been **stabilized** to prevent erosion;
   d. All **temporary erosion protection** and **sediment control BMPs** have been removed without compromising the permanent erosion protection and **sediment control BMPs**;
   e. All sediment build-up has been removed from conveyances and basins that are to be used as permanent water quality management **BMPs**. The cleanout of permanent basins used as temporary **BMPs** during construction shall be sufficient to return the basin to design capacity.
   f. Responsibility for long-term maintenance of permanent BMPs must be assigned.
   g. **Construction activity** conducted on or through agricultural or silvicultural land shall be considered finally **stabilized** upon return to the preexisting agriculture or silviculture use;
   h. **Construction activity** conducted at new industrial facilities that will operate the site in an exposed manner (such as limestone mining and solid waste landfills) shall be considered finally **stabilized** upon commencement of industrial activity consistent with the industrial use and **coverage** under the appropriate **NPDES** permit for industrial **storm water**.

PART IV. SPECIAL CONDITIONS, MANAGEMENT PRACTICES, OTHER NON-NUMERIC LIMITATIONS

A. Requiring an Individual Permit or an Alternative General Permit

1. NDEQ may require you to apply for and/or obtain either an individual **NPDES** permit or an alternative **NPDES** general permit. Any interested person may petition NDEQ to take action under this paragraph. If NDEQ requires you to apply for an individual **NPDES** permit, NDEQ will notify you in writing that a permit application is required. This notification will include a brief statement of the reasons for this decision and an application form. In addition, if you are an existing **permittee** covered under this permit, the notice will set a deadline to file the application, and will include a statement that on the effective date of issuance or denial of the individual **NPDES** permit or the alternative general permit as it applies to you, **coverage** under this general permit will automatically terminate. Applications must be submitted to NDEQ. NDEQ may grant additional time to submit the application upon your request. If you are covered under this permit and you fail to submit in a timely manner an individual **NPDES** permit application as required by NDEQ, then the applicability of this permit to you is automatically terminated at the end of the day specified by NDEQ as the deadline for application submittal.
2. You may request to be excluded from the **coverage** of this general permit by applying for an individual permit. In such a case, you must submit an individual application in accordance with the requirements of NDEQ Title 119, with reasons supporting the request to NDEQ. The request may be granted by issuance of an individual permit or an alternative general permit if your reasons are adequate to support the request.
3. When an individual **NPDES** permit is issued to you, who are otherwise subject to this permit, or you are authorized to discharge under an alternative **NPDES** general permit, the applicability of this permit to you is automatically terminated on the effective date of the individual permit or the date of authorization of **coverage** under the alternative general permit, whichever the case may be. If you, who are otherwise subject to this permit, are denied an individual **NPDES** permit or an alternative **NPDES** general permit,

the applicability of this permit to you is automatically terminated on the date of such denial, unless otherwise specified by NDEQ.

B. Oil and Hazardous Substances/Spill Notification

The discharge of hazardous substances or oil in **storm water** discharges from the construction site must be prevented or minimized in accordance with the **SWPPP**. This permit does not authorize the discharge of hazardous substances or oil resulting from an on-site spill. The **Permittee** shall conform to the provisions set forth in NDEQ Title 126, *Rules and Regulations Pertaining to the Management of Wastes* and federal reporting requirements of 40 CFR Part 110, 40 CFR Part 117 and 40 CFR Part 302 relating to spills or other releases of oil or hazardous substances.

If the **permittee** knows, or has reason to believe, that a release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under NDEQ Title 126, 40 CFR Part 110, 40 CFR Part 117 and 40 CFR Part 302, occurs during a 24-hour period:

1. **Permittee** shall immediately notify the **Department** of a release of oil or hazardous substances. During office hours (i.e., 8:00 a.m. to 5:00 p.m., Monday through Friday, except holidays), notification shall be made to the **Department** at telephone numbers (402) 471-2186 or (877) 253-2603 (toll free).
2. When NDEQ cannot be contacted, the **Permittee** shall report to the Nebraska State Patrol for referral to the NDEQ Emergency Response Team at telephone number (402) 471-4545. It shall be the **Permittee's** responsibility to maintain current telephone numbers necessary to carry out the notification requirements set forth in this paragraph.
3. **Permittee** must modify the **SWPPP** as required under Part III.J within 7 calendar days of knowledge of the release to: provide a description of the release, the circumstances leading to the release, and the date of the release. Plans must identify measures to prevent the reoccurrence of such releases and to respond to such releases.

C. Attainment of Water Quality Standards After Authorization

1. You must select, install, implement and maintain **BMPs** at your construction site that minimize pollutants in the discharge as necessary to meet applicable water quality standards. In general, except in situations explained in this section, your **SWPPP** developed, implemented, and updated consistent with Part III is considered as stringent as necessary to ensure that your discharges do not cause or contribute to an excursion above any applicable water quality standard.
2. At any time after authorization NDEQ may determine that your **storm water** discharges may cause, have reasonable potential to cause, or contribute to an excursion above any applicable water quality standard. If such a determination is made, NDEQ will require you to:
    a. Develop a supplemental BMP action plan describing **SWPPP** modifications in accordance with Part III to address adequately the identified water quality concerns;
    b. Submit valid and verifiable data and information that are representative of ambient conditions and indicate that the receiving water is attaining water quality standards; or
    c. Cease discharges of pollutants from **Construction Activity** and submit an individual permit application according to Part IV.A.

All written responses required under this part must include a signed certification from the **certifying official**.

D. Discharges Affecting Endangered or Threatened Species

This permit does not replace or satisfy any review requirements for Endangered or Threatened species from new or expanded discharges that adversely impact or contribute to adverse impacts on a listed endangered or threatened species or adversely modify a designated critical habitat. The **owner** must conduct any required review and coordinate with appropriate agencies for any project with the potential of affecting threatened or endangered species, or their critical habitat.

E. Discharges Affecting Historical Places or Archeological Sites

This permit does not replace or satisfy any review requirements for Historic Places or Archeological Sites, from new or expanded discharges which adversely affect properties listed or eligible for listing in the National Register of Historic Places or affecting known or discovered Archeological Sites. The **owner** must be in compliance with National Historic Preservation Act and conduct all required review and coordination related to historic preservation, including significant anthropological sites and any burial sites, with the Nebraska Historic Preservation Officer. You must comply with all applicable state, and local laws concerning the protection of historic properties and places, your discharge authorization under this permit is contingent upon this compliance.

F. Activities/Discharges subject to other Applicable Regulations

This permit does not replace or satisfy any other applicable regulatory requirements that the applicant/**permittee** is subject to. The initiator of any controlled/regulated activity is the sole responsible party for obtaining authorization or permit **coverage** and for maintaining compliance with any applicable laws, regulations or rules that may apply to their activities.

G. Continuation of the Expired General Permit

If this permit is not reissued or replaced prior to the expiration date, it will be administratively continued in accordance with the Administrative Procedure Act and remain in force and effect. If you were granted permit coverage prior to the expiration date, you will automatically remain covered by the continued permit until reissuance or replacement of this permit, at which time you must comply with the conditions of Part II C.2; or

1. Submit of a Notice of Termination form; or
2. Apply for coverage under an individual permit for the project's discharges; or
3. If NDEQ determines a general permit will not be reissued, you must seek coverage under an alternative general permit or an individual permit.

PART V. TERMINATION, TRANSFER OR REASSIGNMENT OF PERMIT COVERAGE

A. Notice of Termination Requirements

You may only submit a **Notice of Termination** (**NOT**) after one or more of the following conditions have been met:

1. **Final stabilization** has been achieved on all portions of the site for which you are responsible;
2. Another **operator** has assumed control according to Part VI.D.6 over all areas of the site that have not been finally **stabilized**;
3. **Coverage** under an individual or alternative general **NPDES** permit has been obtained; or
4. For residential construction only, **temporary erosion protection** has been completed and the residence has been reassigned to the homeowner.

The **CSW-NOT** must be submitted within 30 days of one of the above conditions being met. Authorization to discharge terminates at midnight of the day the **CSW-NOT** is signed.

B. Submitting a Notice of Termination

It is your responsibility to submit a complete and accurate **Notice of Termination** (**CSW-NOT**) form *Attachment #3*. If NDEQ notifies dischargers (either directly, by public notice, or by making information available on the Internet) of other **CSW-NOT** form options (e.g., electronic submission), you may take advantage of those options to satisfy the requirements of Part V.

1. After one or more of the **Notice of Termination** Requirements in Part V.A has been met, submit the following information to the NDEQ:
   a. The **NPDES** permit authorization number for the **storm water** discharge;

b. The basis for submission of the **CSW-NOT**, including: **final stabilization** has been achieved on all portions of the site for which the **permittee** is responsible; another **operators**/**permittee** has assumed control over all areas of the site that have not been finally **stabilized**; **coverage** under an alternative **NPDES** permit has been obtained; or, for residential construction only, **temporary erosion protection** has been completed and the residence has been transferred to the homeowner;

c. The **Certifying Official's** legal name, address and phone number;

d. The name of the project, address (or a description of location if no street address is available), and county of the construction site for which the notification is submitted; and

e. A certification statement signed and dated by a **certifying official**.

C. Transfer of Permit

When responsibility for **storm water** discharges at a construction site changes from one entity to another, the **permittee** shall submit a completed Notice of Transfer, *Attachment #2,* that is signed in accordance with Part VI.D.6 of this permit.

1. The Notice of Transfer (CSW-Transfer), *Attachment # 2,* includes:
   a. Permit certification number;
   b. Name, location, and county for the construction site for which the CSW-Transfer is being submitted;
   c. Identifying information for the new **permittee**;
   d. Identifying information for the current **permittee**; and
   e. Effective date of transfer;
2. Other Requirements of a Permit Transfer:
   a. If the **storm water** discharge, associated with **construction activity**, is covered by this permit then the new **owner**(s) shall comply with all terms and conditions of this permit.
   b. A copy of the CSW-Transfer shall be included in the **SWPPP**.
   c. A **CSW-NOI** shall be submitted to NDEQ by the new owner(s).
   d. For **construction activity** which is part of a larger **common plan of development**, if the **permittee** transfers ownership of all or any part of property subject to this permit, both the **permittee** and transferee shall be responsible for compliance with this permit for that portion of the project which has been transferred including when the transferred property is less than one acre in area.
   e. If the new **owner**(s) agree in writing to be solely responsible for compliance with this permit for the property that has been transferred, then the existing **permittee**(s) authorization shall be terminated.

D. Where to Submit

All paperwork must be submitted to the following address:

Water Quality Division
Storm Water
Suite 400, The Atrium
1200 'N' Street
PO Box 98922
Lincoln, Nebraska 68509-8922

PART VI. STANDARD CONDITIONS AND REQUIREMENTS

These general conditions shall not preempt any more stringent requirements found elsewhere in this permit.

A. Other Conditions

1. Narrative Limits

   Discharges authorized under this permit;

   a. Shall not be toxic to aquatic life in surface **waters of the state;**

b. Shall not contain pollutants at concentrations or levels that produce objectionable films, colors, turbidity, deposits, or noxious odors in the receiving stream or waterway; and

c. Shall not contain pollutants at concentrations or levels that cause the occurrence of undesirable or nuisance aquatic life in the receiving stream.

2. Inspection and Entry

The **permittee** shall allow the **Director** or his appointed representative, upon the presentation of his identification and at a reasonable time:

a. To enter upon the **permittee's** premises where a regulated **construction activity** is located or conducted, or records are required to be kept under the terms and conditions of this permit;

b. To have access to and copy any records required to be kept under the terms and conditions of this permit;

c. To inspect any facilities, equipment (including monitoring and control), practices or operations regulated or required in this permit; and

d. To sample or monitor any substances or parameters at any location.

3. Changes in Discharge

Any revision in the size of **construction activity** (such as the addition of disturbed acres not previously identified under the original **CSW-NOI** form), which will result in new or substantially increased discharges of pollutants or a change in the nature of the discharge of pollutants must be reported by the **permittee** seven (7) calendar days prior to the expansion, increases or modifications by submitting a modification of the original form **CSW-NOI** or by submitting a new form **CSW-NOI**. Permit authorization may be modified or revoked and reissued as a result of this notification to maintain compliance with applicable state or federal regulations.

B. Procedures for Modification or Revocation

Permit modification or revocation will be conducted according to Title 119, Chapter 24.
If there is evidence indicating that the **storm water** discharges authorized by this permit cause, have the reasonable potential to cause or contribute to an excursion above any applicable water quality standard, you may be required to obtain an individual permit in accordance with Part IV.A of this permit, or the permit may be modified to include different limitations and/or requirements.

C. Timing of Permit Modification

1. NDEQ may elect to modify the permit prior to its expiration (rather than waiting for the new permit cycle) to comply with any new statutory or regulatory requirements, such as for effluent limitation guidelines, that may be promulgated in the course of the current permit cycle.

D. Management Requirements

1. Duty to Comply

All authorized discharges shall be consistent with the terms and conditions of this permit. The **Permittee** shall comply with all conditions of this permit. Failure to comply with these conditions may be grounds for administrative action or enforcement proceedings including injunctive relief and civil or criminal penalties. The filing of a request by the **Permittee** for a permit modification, revocation and re-issuance, termination or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

2. Duty to Mitigate

The **Permittee** shall take all reasonable steps to minimize, prevent or correct any adverse impact to the environment resulting from noncompliance with this permit, including such accelerated or additional monitoring as required by the NDEQ to determine the nature and impact of the noncompliant discharge.

3. Duty to Provide Information

   The **Permittee** shall furnish to the **Department** within seven (7) calendar days, any information which the **Department** may request to determine whether cause exists for modifying, revoking and reissuing, or terminating permit **Coverage**; or to determine compliance with this permit. The **Permittee** shall also furnish to the **Department** upon request, copies of records retained as a requirement of this permit.

4. Reporting Requirements

   The **Permittee** shall be responsible for reporting any instance of non-compliance with the terms and conditions of this permit in accordance with NDEQ Title 119, Chapter 14. In most instances, initial notification shall be made as soon as the **Permittee** becomes aware of the non-compliance. A written follow-up shall be submitted within five (5) days of reporting the non-compliance. The submittal of a written noncompliance report does not relieve the **Permittee** of any liability from enforcement proceedings that may result from the violation of permit or regulatory requirements. The written notice shall include, at a minimum:

   a. A description of the discharge and cause of noncompliance;
   b. The period of noncompliance, including exact dates and times, or if not corrected, the anticipated time the noncompliance is expected to continue; and
   c. The steps taken to reduce, eliminate, and prevent the reoccurrence of the noncompliance.

5. Proper Operation and Maintenance

   The **Permittee** shall, at all times, maintain in good working order and operate as efficiently as possible, any facilities or systems of control installed by the **Permittee** in order to achieve compliance with the terms and conditions of this permit. This would include, but not be limited to, effective performance based on designed facility removals, effective management, adequate **Operator** staffing and training, adequate laboratory and process controls, and adequate funding that reflects proper user fee schedules.

6. Signatory Requirements

   All reports and applications required by this permit or submitted to maintain compliance with this permit shall be signed and certified as set forth in this section.

   a. Permit applications shall be signed by a **certifying official** who meets the following criteria:
      1) For a corporation: a **responsible corporate officer**;
      2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
      3) For a municipality, state, federal or other public facility: by either a principal executive officer or ranking elected official, chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.
   b. The discharge monitoring reports and other information may be signed by the **certifying official.**
   c. The **certifying official** designates an **authorized representative**. The **authorized representative** is responsible for the overall implementation of the **SWPPP** (i.e., the general contractor).
   d. Any change in the signatories shall be submitted to the **Department**, in writing, within seven (7) days after the change, but no later than with the submission of information required by the **Department** to be submitted while the new signatory has taken responsibility.
   e. All applications, reports and information submitted as a requirement of this permit, shall contain the following certification statement:

      "I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

E. Monitoring and Records Requirements

1. Routine periodic monitoring of storm water discharges is not required unless requested by the Department. Monitoring may be required by the Department for any of the following reasons:
   a. The identification of potential ground and / or surface water quality impacts to which the permittee may be contributing;
   b. The failure by the permittee to implement pollution prevention or pollution control procedures set forth in the SWPPP;
   c. The recognition of potential pollutant sources during site inspections or investigations; and/or
   d. To obtain information for watershed basin or industry group studies.

2. Retention of Records

   The **Permittee** shall retain records of all monitoring activities for a period of at least three years as set forth in NDEQ Titles 119, Chapter 14 001.02. The types of records that must be retained include, but are not limited to:
   a. Calibration and maintenance records;
   b. Original strip chart recordings;
   c. Copies of all reports required by this permit;
   d. Monitoring records and information; and
   e. Electronically readable data.

3. Record Contents

   As set forth in NDEQ Title 119, Chapter 14, records of sampling or monitoring information shall include:
   a. The date(s), exact place, time and methods of sampling or measurements;
   b. The name(s) of the individual(s) who performed the sampling or measurements;
   c. The date(s) the analyses were performed;
   d. The individual(s) who performed the analyses;
   e. The analytical techniques or methods used;
   f. The results of such analyses; and
   g. Laboratory data, bench sheets and other required information.

F. General Requirements

1. Permit Attachments

   The attachments to this permit (e.g., forms and guidance) may be modified without a formal modification of the permit.

2. Information Available

   All permit applications, fact sheets, permits, discharge data, monitoring reports, and any public comments concerning such shall be available to the public for inspection and copying, unless such information about methods or processes is entitled to protection as trade secrets of the **Owner** or **Operator** under Neb. Rev. Stat. §81-1527, (Cum. Supp. 1992) and NDEQ Title 115, Chapter 4.

3. Permit Actions

   This permit may be modified, suspended, revoked or reissued, in part or in whole, in accordance with the regulations set forth in NDEQ Titles 119, Chapter 24. In addition, this permit may be modified, revoked and reissued to incorporate standards or limitations issued pursuant to Sections 301(b)(b)(c), 301(b)(b)(d), 304(b)(b), 307(a)(b), or 405(d) of the Clean Water Act and Public Law 100-4.

4. Property Rights

   Coverage under this permit does not convey any property rights of any sort or any exclusive privileges nor does it authorize any damage to private property or any invasion of personal rights nor any infringement of federal, state or local laws or regulations.

5. Severability

   If any provision of this permit is held invalid, the remainder of this permit shall not be affected.

6. Other Rules and Regulations Liability

   The issuance of this permit in no way relieves the obligation of the **Permittee** to comply with other rules and regulations of the **Department**.

7. Penalties

   Nothing in this permit shall preclude the initiation of any legal action or relieve the **Permittee** from any responsibilities, liabilities or penalties under Section 311 of the Clean Water Act. Violations of the terms and conditions of this permit may result in the initiation of criminal and/or civil actions. Civil penalties can result in fines of up to $10,000.00 per day (Neb. Rev. Stat. §81-1508, as amended to date). Criminal penalties for willful or negligent violations of this permit may result in penalties of $10,000.00 per day or by imprisonment. Violations may also result in federal prosecution.

PART VII. DEFINITIONS

Authorized Representative: Individual or position designated the authorization to submit reports, notifications, or other information requested by the **Director** on behalf of the **Owner** under the circumstances that the authorization is made in writing by the **Owner**, the authorization specifies the individual or position who is duly authorized, and the authorization is submitted to the **Director**.

Best Management Practices (BMPs): Erosion and **Sediment Control** and water quality management practices that are the most effective and practicable means of controlling, preventing, and minimizing degradation of surface water, including avoidance of impacts, construction-phasing, minimizing the length of time soil areas are exposed, prohibitions, and other management practices published by state or designated area-wide planning agencies.

Certifying Official

- For a corporation. By a **Responsible Corporate Officer**, which means:
  - A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or
  - The manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- For a partnership or sole proprietorship: By a general partner or proprietor, respectively.
- For a municipality, State, Federal, or other public agency.
  - By either a principal executive officer of the agency, or
  - A senior executive officer having responsibility for the operations of a principal geographic unit of the agency.

Combined Sewer System (CSO): Is defined as a collection system that collects both **Storm Water** and sanitary wastewater with **outfalls** discharging directly into the **Waters of the State**.

Common Plan of Development or Sale: A contiguous area where multiple separate and distinct land disturbing activities may be taking place at different times, on different schedules, but under one proposed plan. One plan is broadly defined to include design, permit application, advertisement or physical demarcation indicating that land-disturbing activities may occur.

Construction Activity: Includes **Large Construction Activity** and **Small Construction Activity**. This includes a disturbance to the land that results in a change in the topography, existing soil cover (both vegetative and non-vegetative), or the existing soil topography that may result in accelerated **Storm Water** runoff, leading to soil erosion and movement of sediment into **Waters of the State** or urban drainage systems. **Construction Activity** includes the disturbance of less than one acre of total land area that is a part of a larger **Common Plan of Development or Sale** if the larger common plan will ultimately disturb one (1) acre or more and includes all areas of **Support Activity**.

Coverage: A **Permittee** status of compliant operation under the terms and conditions of this general permit once a **Discharge Authorization Number** has been obtained until that authorization is terminated.

Department: Nebraska Department of Environmental Quality.

Director: The **Director** of the Nebraska Department of Environmental Quality.

Discharge Authorization Number: A specific authorization number (NER 1xx xxx) issued to a specific **Permittee** that meets the application requirements for **Coverage** under this general permit.

Erosion Prevention: Measures employed to prevent sediment from moving from its existing location including but not limited to: soil stabilization practices, limited grading, mulch, temporary or permanent cover, and construction phasing.

Final Stabilization: Condition where all soil disturbing activities at the site have been completed and a uniform perennial vegetative cover with a minimum density of 70 percent of the native background vegetative cover has been established on all non-**Impervious Surfaces** and areas not covered by permanent structures unless equivalent permanent stabilization (such as riprap, gabions, or geotextiles) measures have been employed.

Impervious Surface: A constructed hard surface that either prevents or retards the entry of water into the soil and causes water to flow off the surface in greater quantities and at an increased rate of flow than prior to development (such as streets, sidewalks, parking lots, roofs, and in some cases highly compacted soil).

Large Construction Activity: Is the clearing, grading and excavating resulting in a land disturbance that will disturb equal to or greater than five acres of land or will disturb less than five acres of total land area but is part of a Larger **Common Plan of Development or Sale** that will ultimately disturb equal to or greater than five acres. Large Construction Activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of the site.

Municipal Separate Storm Sewer System (MS4) is a separate **storm water** sewer system in urbanized cities and counties as having populations of 10,000 or greater as determined by the Bureau of Censes 1990 Decennial Censes.

National Pollutant Discharge Elimination System (NPDES): Program for issuing, modifying, revoking, reissuing, terminating, monitoring, and enforcing permits under the Clean Water Act (Sections 301, 318, 402, and 405) and C.F.R. Title 33, Sections 1317, 1328, 1342, and 1345.

Notice of Termination (CSW-NOT): Notice to terminate **Coverage** under this permit after construction is completed, the site has undergone **Final Stabilization**, and maintenance agreements for all permanent facilities have been established, in accordance with all applicable conditions of this permit.

Operator: Person (often the general contractor) designated by the **Owner**, who has day-to-day operational control and/or the ability to modify project plans and specifications related to the **SWPPP**. The person shall be knowledgeable in those areas of the permit for which the **Operator** is responsible.

Outfall: A discernible, confined and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, or container from which pollutants from **Construction Activity** are or may be discharged into **Waters of the State**.

Owner: Person or party possessing the title of the land on which the construction activities will occur; or if the **Construction Activity** is for a lease holder, the party or individual identified as the lease holder; or the contracting government agency responsible for the **Construction Activity**.

Permittee: Person(s), firm, or governmental agency or other institution that signs the application submitted to the **Department** and is responsible for compliance with the terms and conditions of this permit.

Receiving Waters: A general term used to describe all **Waters of the State. Responsible Corporate Officer**: means the **Owner** or **Operator** meeting either of the following conditions: A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or the manager of one or more manufacturing, production, or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental law as and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

Sediment Control: Methods employed to prevent sediment from leaving the construction site after it has eroded from its existing location. **Sediment Control** practices include silt fences, sediment traps, earth dikes, drainage swales, check dams, subsurface drains, pipe slope drains, storm drain inlet protection, and temporary or permanent sedimentation basins.

Silvicultural Discharges: "Silvicultural point source" means any discernible, confined, and discrete conveyance related to rock crushing, gravel washing, log sorting, or log storage facilities which are operated in connection with silvicultural activities and from which pollutants are discharged into **Waters of the State**. The term does not include nonpoint source silvicultural activities such as nursery operations, site preparation, reforestation and subsequent cultural treatment, thinning, prescribed burning, pest and fire control, harvesting operations, surface drainage, and road construction and maintenance from which there is natural runoff during precipitation events.

Small Construction Activity: Is the clearing, grading, and excavation that result in land disturbance of equal to or greater than one acre and less than five acres including disturbance of less than one acre of total land area that is part of a larger **Common Plan of Development or Sale** if the larger common plan will ultimately disturb equal to or greater than one and less than five acres. **Small Construction Activity** does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of the facility.

Spill Prevention Control and Countermeasure (SPCC): Federal regulation set forth in 40 CFR 112 requiring a **SPCC** Plan to be developed for facilities that store fuels and hazardous substances that meet the following criteria:

- Above ground fuel storage with the capacity for at least 660 gallons.
- Two or more above ground fuel storage tanks with the capacity for at least 1,320 gallons.
- Below ground fuel storage tanks with the capacity for at least 42,000 gallons.

Stabilized: Exposed ground surface has been covered by appropriate materials such as mulch, staked sod, riprap, wood fiber blanket, established grass bed, or other material that prevents erosion from occurring.

Storm Water: **Storm water** runoff, snow melt runoff, and surface runoff and drainage.

Storm Water Pollution Prevention Plan (SWPPP): A plan for **Storm Water** discharge that includes **Erosion Prevention** measures and **Sediment Control**s that, when implemented, will decrease soil erosion on a parcel of land and decrease off-site, non-point source pollution.

Support Activity: Associated **Construction Activity** that is directly related to the construction site (such as concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas, borrow areas) required to have **NPDES** permit **Coverage** for discharges of **Storm Water** that may be located on site or in a remote location, but is not a commercial operation serving multiple unrelated construction projects by different **operators** nor operates beyond the completion of the **Construction Activity** at the last construction project it supports.

Temporary Erosion Protection: Methods employed to temporarily prevent erosion during the construction sequence or while **Final Stabilization** is being established. Examples of **Temporary Erosion Protection** include; straw, mulch, wood chips, and erosion netting.

Total Maximum Daily Load (TMDL): The sum of the individual wasteload allocations (WLAs) for point sources and load (Load Allocations) for nonpoint sources and natural background levels for a specific pollutant. The **Department** establishes **TMDLs** that are expressed in terms of either mass per unit of time, relative level of toxicity, or other appropriate measure.

Toxic Pollutant: Pollutants or combination of pollutants, including disease causing agents, after discharge and upon exposure, ingestion, inhalation, or assimilation into an organism, either directly from the environment or indirectly by ingestion through food chains will, on the basis of information available to the **Department**, cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunction (including malfunctions in reproduction) or physical deformations, in such organisms or their offspring.

Waters of the State: All waters within the jurisdiction of this state including all streams, lakes, ponds, impounding reservoirs, marshes, wetlands, watercourses, waterways, wells, springs, irrigation systems, drainage systems, and all other bodies or accumulations of water, surface and underground, natural or artificial, public or private, situated wholly or partly within or bordering upon the state.

APPENDIX N

SITE-SPECIFIC PERMITS, DESIGN CALCULATIONS AND RELATED INFORMATION including NON-NPDES STORM WATER PERMITS, 404 PERMITS, ENDANGERED SPECIES INFORMATION, ENVIRONMENTAL SITE ASSESSMENTS, etc.

Nebraska
STATE HISTORICAL SOCIETY

February 21, 2013

Eric Beiermann
Olsson Associates
PO Box 84608
Lincoln, NE 68501-4608

RE: Northeast Community College, NPDES permit
HP #1302-108-01

Dear Mr. Beiermann:

Thank you for submitting the referenced project proposal for our review and comment. Our comment on this project and its potential to affect historic properties is required by Section 106 of the National Historic Preservation Act of 1966, as amended, and implementing regulations 36 CFR Part 800.

Given the information provided, in our opinion there will be no historic properties affected by the project as proposed. Should any changes in the project be made or in the type of funding or assistance provided through federal or state agencies, please notify this office of the changes before further project planning continues.

Please retain this correspondence and your documented finding in order to show compliance with Section 106 of the National Historic Preservation Act, as amended. If you have any questions, please contact Jill Dolberg at 402-471-4773.

Sincerely,

L. Robert Puschendorf
Deputy State Historic Preservation Officer
Nebraska State Historic Preservation Office

1500 R Street
PO Box 82554
Lincoln, NE 68501-2554
p: (800) 833-6747
(402) 471-3270
f: (402) 471-3100
www.nebraskahistory.org

Nebraska Department of Environmental Quality

Reserved for NDEQ use only

THREATENED & ENDANGERED SPECIES
Guidance Checklist for
NPDES Construction Storm Water General Permit
#NER110000

***** Disclaimer: This checklist was developed for guidance purposes only in an effort to assist Construction Storm Water permit applicants to identify potential locations of threatened and endangered species. Completion of this checklist is not a requirement for permit authorization and is not intended to be used as a substitute for a professional environmental review. The use of this form does not relieve the permittee from further review or enforcement action by the Department of Environmental Quality (NDEQ) or Nebraska Game and Parks Commission (NG&PC).**

Section I

1. For projects not located in Lancaster County: Is the project located outside of designated city limits? ☒ No ☐ Yes
2. For projects located in Lancaster County: Does the project discharge storm water to Salt Creek, Little Salt Creek or Rock Creek? *If project is not in Lancaster County check **No**.* ☒ No ☐ Yes
3. For all projects: Is this project located in mature oak woodlands within 5 miles of the Missouri River in the area stretching from the Kansas border to Ponca? ☒ No ☐ Yes
4. For all projects: Is this project within 0.25 miles of a *stream of concern* or does it discharge to an stream of concern? (See *Attached Stream Map*) ☒ No ☐ Yes
5. For projects located within the distribution of the American Burying Beetle (See *Attached Map*): Is the project located on potential habitat*? *If it is not within the American Burying Beetle distribution, check **No**.* ☒ No ☐ Yes

   ** Potential habitat constitutes land which has not been previously disturbed, typically by crop agriculture, and land not located within city limits.*

- *If you answered **No** to all questions in Section I, a NDEQ and NG&PC review may not be needed (see disclaimer above). Include this form with your SWPPP documentation.*
- *If you answered **YES** to only question 1, complete Section II.*
- *If you answered **YES** to any of questions 2 thru 5 in Section I, consultation with NDEQ & NG&PC is necessary (Section III).*

Section II

1. Will project construction take place between April 1 and May 10 or October 1 and November 15 in the following locations? [X] No [ ] Yes
   - In non-urban areas within 3 miles of the Platte, Loup, Middle Loup, North Loup or Niobrara Rivers; or
   - In non-urban areas within 1 mile of a wetland within the Primary Whooping Crane Use area.
2. Will project construction take place between April 1 and June 15 in the following locations? [ ] No [ ] Yes
   - A wheat field or heavily grazed prairie in
     - Kimball County; or
     - Banner County (south of Harrisburg); or
     - Cheyenne County (west of Sidney).
3. Will project construction take place between April 15 and September 15 within 0.25 miles of rivers at the following locations? [ ] No [ ] Yes
   - The Lower Platte River from Columbus to Plattsmouth; or
   - The Missouri River from where it joins the Nebraska/South Dakota state border to Ponca; or
   - The Loup River between St. Paul and Columbus; or
   - The Niobrara River between Springview and where the Missouri and Niobrara Rivers converge.
4. Will project construction take place between April 15 and September 15 in the following locations? [ ] No [ ] Yes
   - An active or recently active sand and gravel operation with bare sand substrate located within 5 miles of the Platte, Loup, South Loup, Middle Loup, North Loup, Niobrara, Elkhorn, or Missouri Rivers.
5. Is the project construction on a non-crop, non-urban site in Pawnee County (west of Pawnee City), Johnson County or Gage County (south of Beatrice)? [ ] No [ ] Yes
6. Is the project construction within 1 mile of the North Platte, Platte, Little Nemaha, Cedar, Loup, South Loup, North Loup, Calamus, Niobrara, Elkhorn Rivers, or Lodgepole Creek from Kimball to the Wyoming State line? [ ] No [ ] Yes
7. Is the project construction on a non-crop, non-urban site in the Swift Fox distribution area? (See *Attached Distribution Map*) [ ] No [ ] Yes
8. Will the project construction impact open active sandy blowouts in Cherry County, the south east quarter of Sheridan County, or the north half of Thomas, Hooker or Grant Counties? [ ] No [ ] Yes
9. Is the project construction within 0.5 miles of the Niobrara River from Highway 29 to the Wyoming state line? [ ] No [ ] Yes
10. Will the project construction impact wet meadows in the Orchid distribution area? (See *Attached Distribution Map*) [ ] No [ ] Yes

♦ *If you answered **No** to all questions in Section II, a NDEQ and NG&PC review may not be needed (see disclaimer above). Include this form with your SWPPP documentation.*

- *If you answered **YES** to any of questions in Section II, consultation with NDEQ & NG&PC is necessary (Section III).*

Section III

- *If you answered Yes to any of the questions in Section I or II, Please complete the information in this section and submit the information to NDEQ.*
- *Questions regarding use of this form may be directed to NDEQ staff at (402) 471-8330.*
- *Questions regarding specific items in Section I or II may be directed to NG&PC staff at (402)471-5444.*

Applicant Information

Project Name: _____ County: _____
Physical Address: _____ Date: _____
Legal Description: _____ (Q), Section _____, Township _____N, Range ____ (E or W)
Latitude: _____ Longitude: _____ Method:_____
Project Contact: _____Telephone: _____
Email: _____

Type of Construction: □ Residential □ Commercial □ Industrial □ Linear
□ Livestock □ Other_____

Size of Construction Area: _____ acres Size of Borrow Area: _____ acres
Current Land Use: _____

Description of Project: *Description should include the general project description. A second page should be used if necessary.*

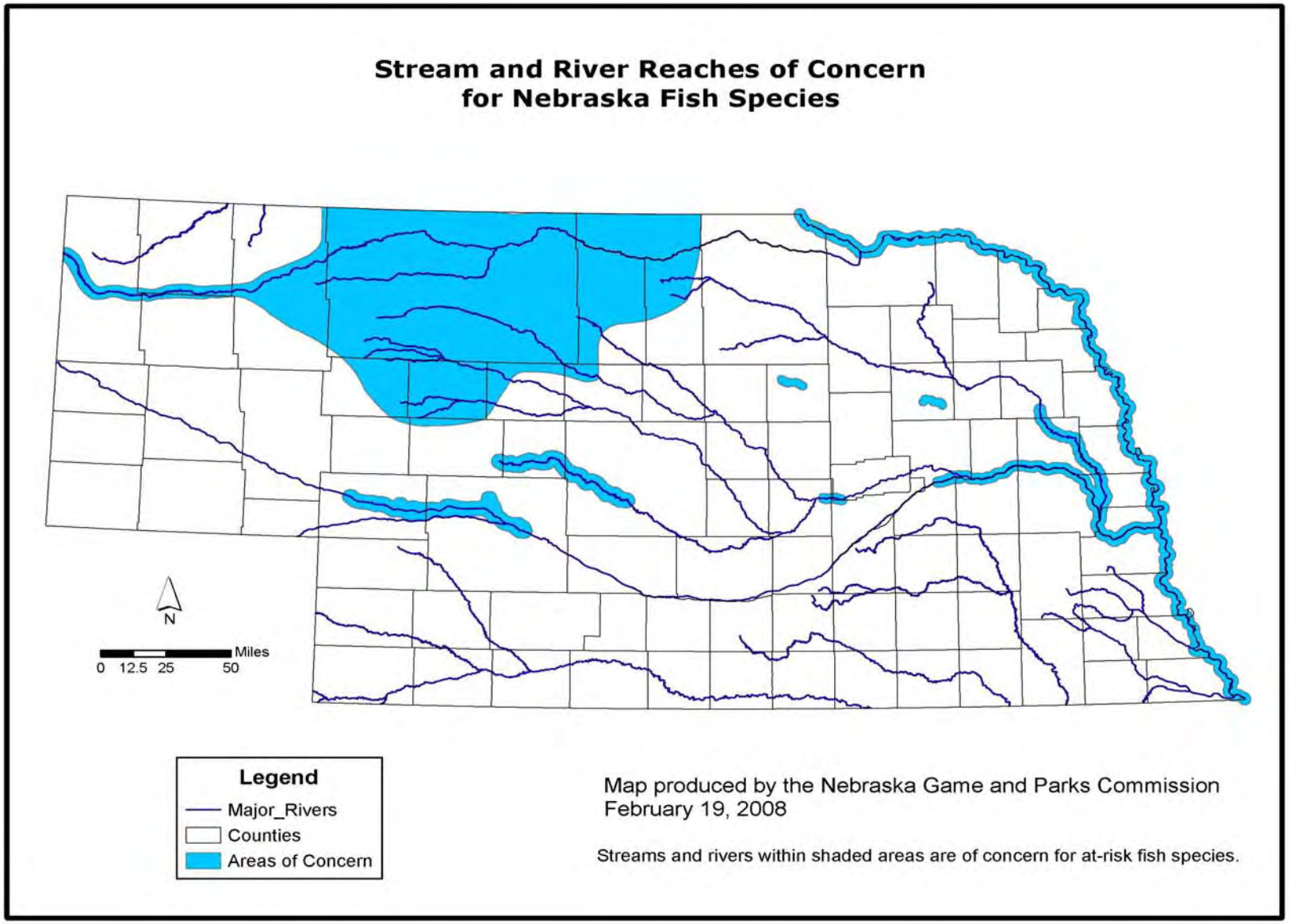
Map of Project Area: *Topographic and/or aerial maps with the specific project area delineated are encouraged as this will expedite processing time.*

NDEQ:

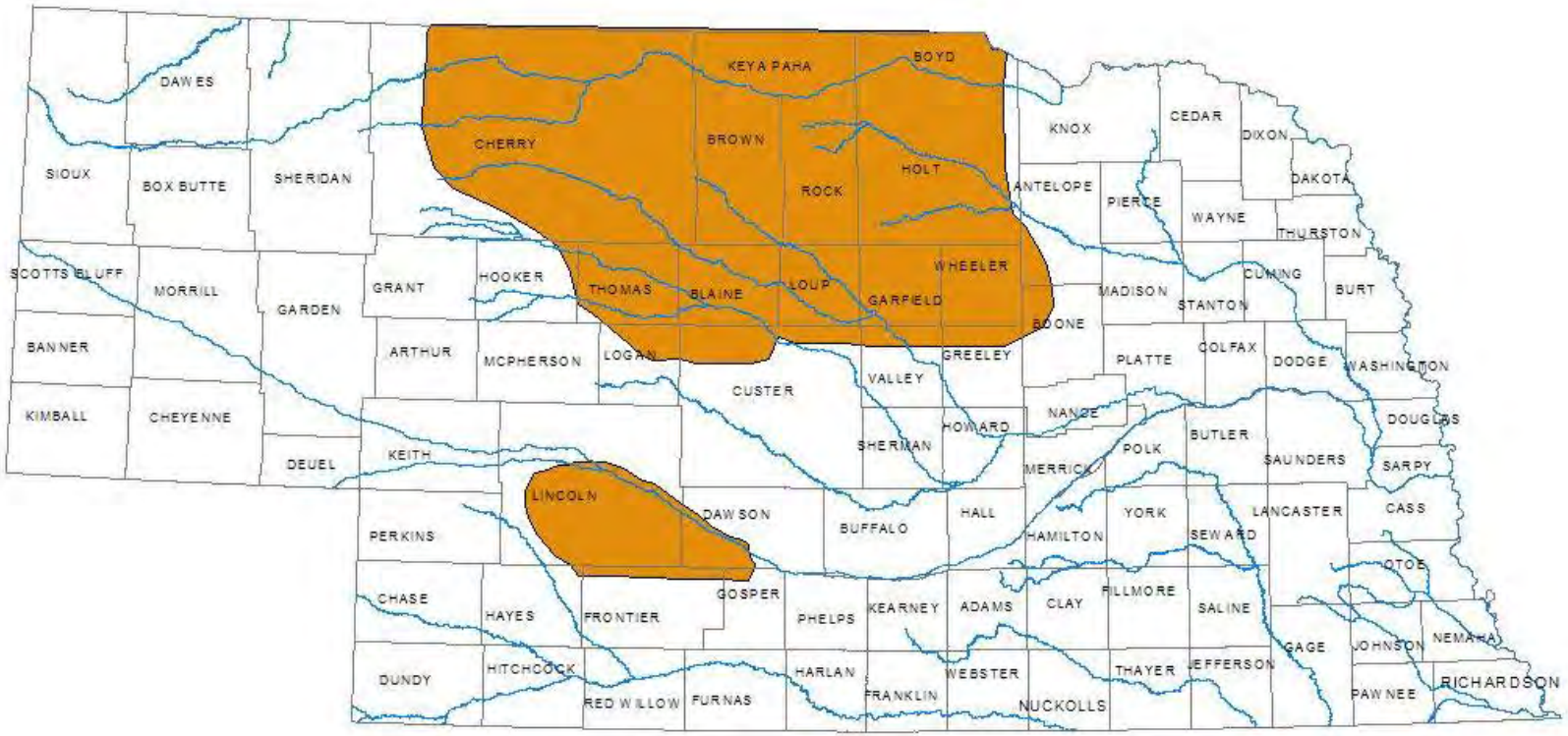
Water Quality Division
Storm Water
Suite 400, The Atrium
1200 'N' Street
P.O. Box 98922
Lincoln, NE 68509-8922
(402) 471-8330

NG&PC:

Nebraska Game & Parks Commission
Environmental Analyst Supervisor, Heritage Division
2200 North 33rd Street
P.O. Box 30370
Lincoln, NE 68508-2707
(402) 471-5438

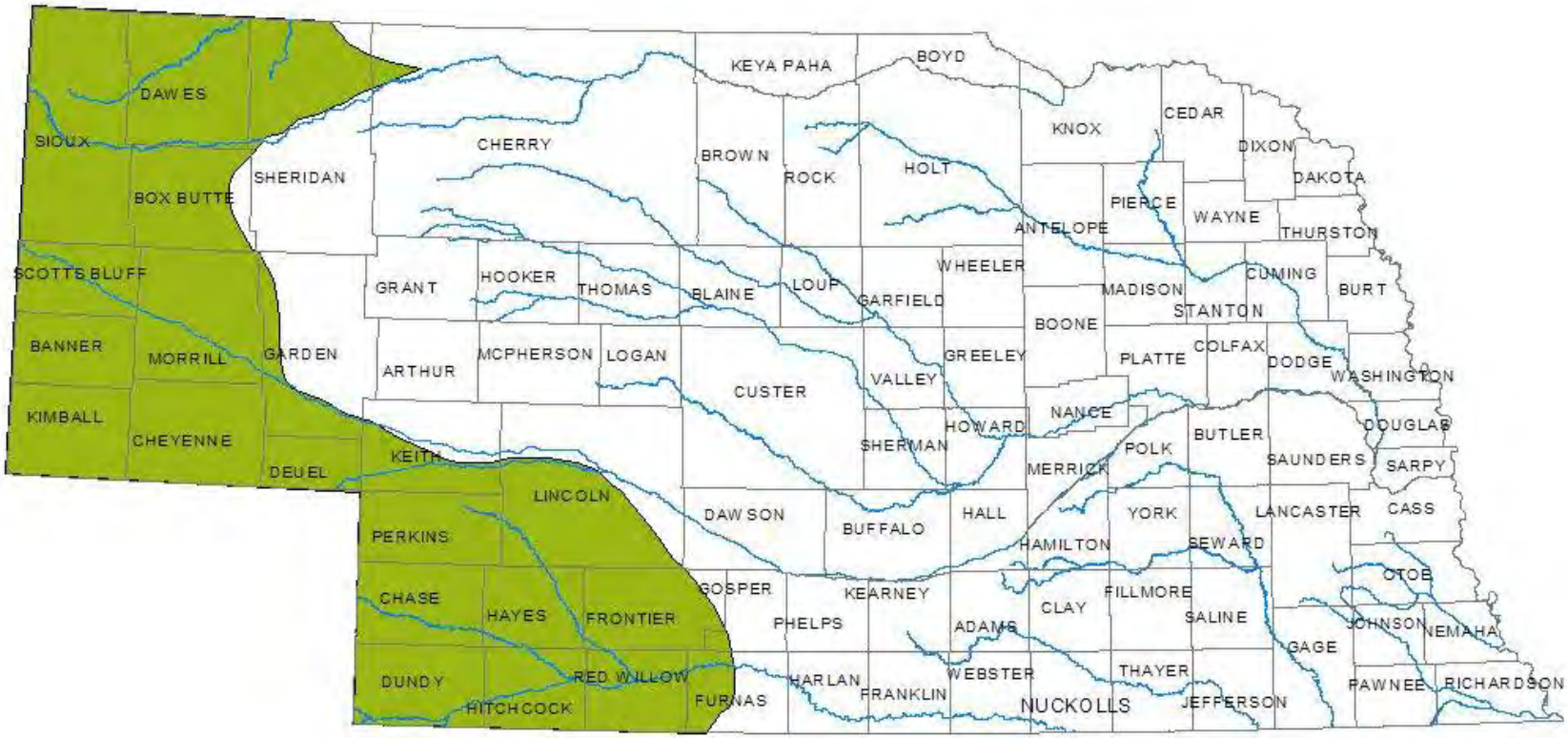

Stream and River Reaches of Concern
for Nebraska Fish Species
N
Miles
0 12.5 25 50
Legend
Major_Rivers
Counties
Areas of Concern
Map produced by the Nebraska Game and Parks Commission
February 19, 2008
Streams and rivers within shaded areas are of concern for at-risk fish species.

American Burying Beetle Distribution



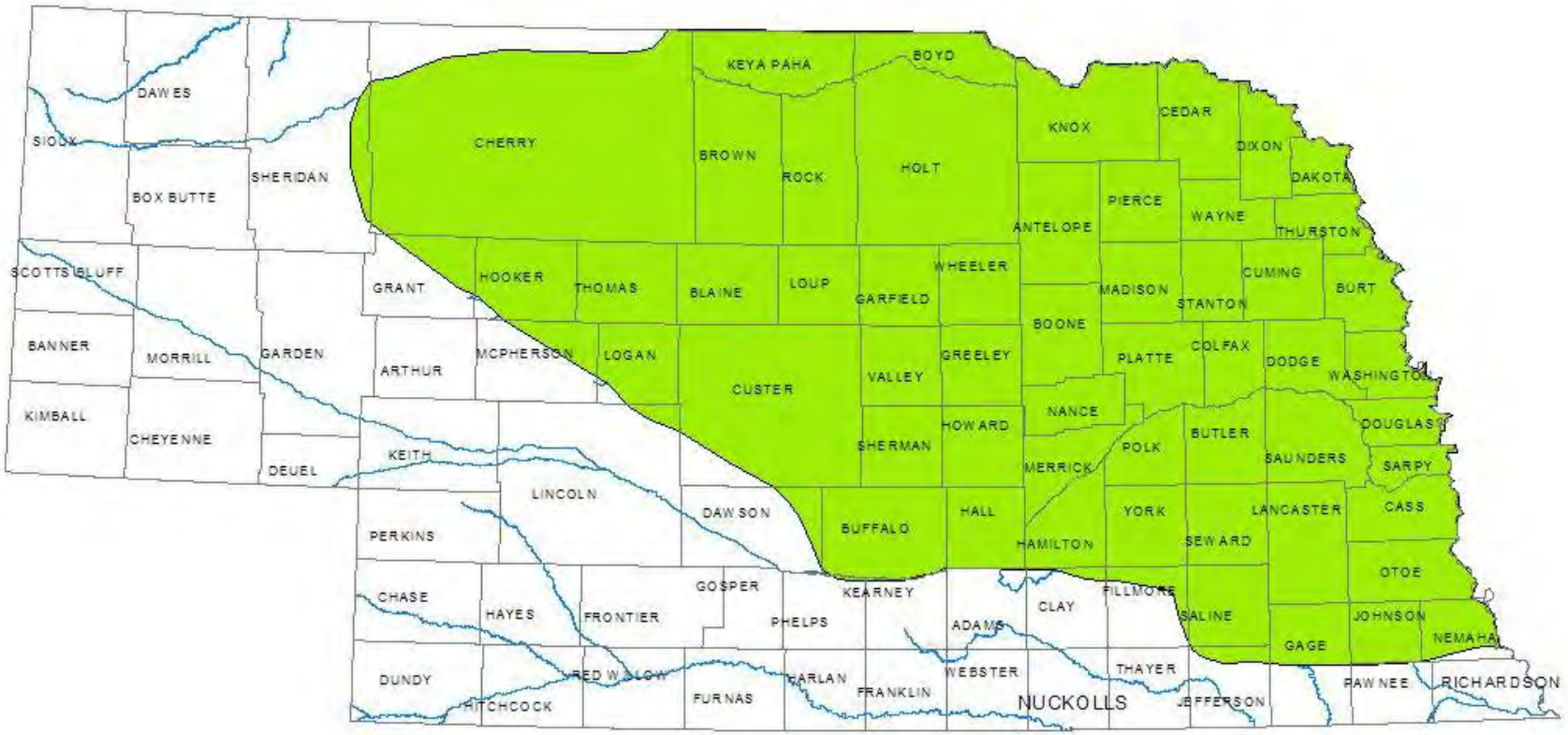
Nebraska Game and Parks Commission 2008

Swift Fox Distribution

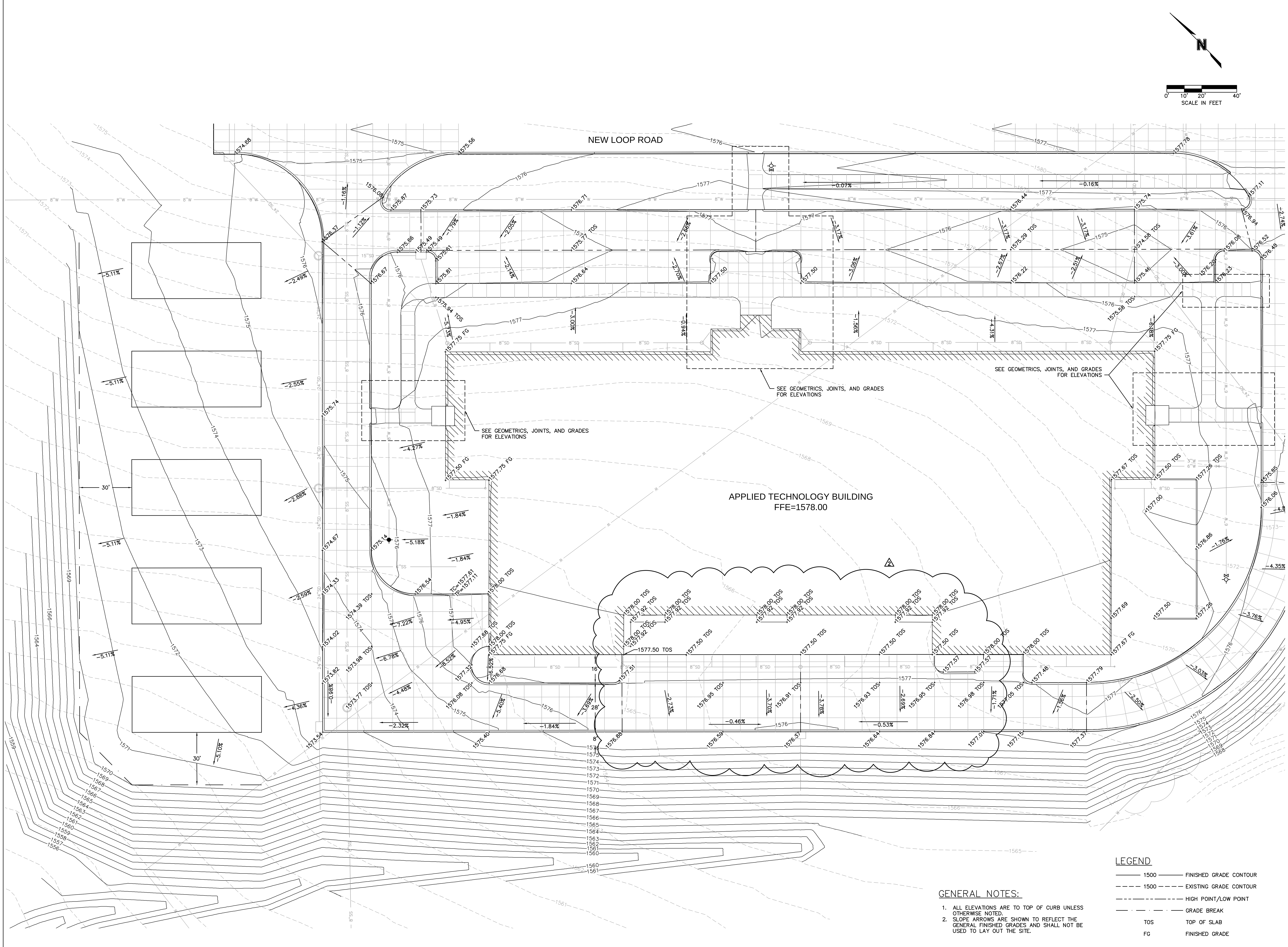


Nebraska Game and Parks Commission 2008

Orchid Distribution



Nebraska Game and Parks Commission 2008



APPLIED TECHNOLOGY SITE GRADING PLAN & SPOT ELEVATIONS

GENERAL NOTES:

1. ALL ELEVATIONS ARE TO TOP OF CURB UNLESS OTHERWISE NOTED.
2. SLOPE ARROWS ARE SHOWN TO REFLECT THE GENERAL FINISHED GRADES AND SHALL NOT BE USED TO LAY OUT THE SITE.

LEGEND

1500 (solid)	FINISHED GRADE CONTOUR
1500 (dashed)	EXISTING GRADE CONTOUR
	HIGH POINT/LOW POINT
	GRADE BREAK
TOS	TOP OF SLAB
FG	FINISHED GRADE

Revision Schedule

No.	Description	By	Date
2	ADDENDUM 2	JRS	07/11/13

PROFESSIONAL ENGINEER JUSTIN R. STARK E-13167 STATE OF NEBRASKA

OLSSON® ASSOCIATES

CONSTRUCTION DOCUMENTS

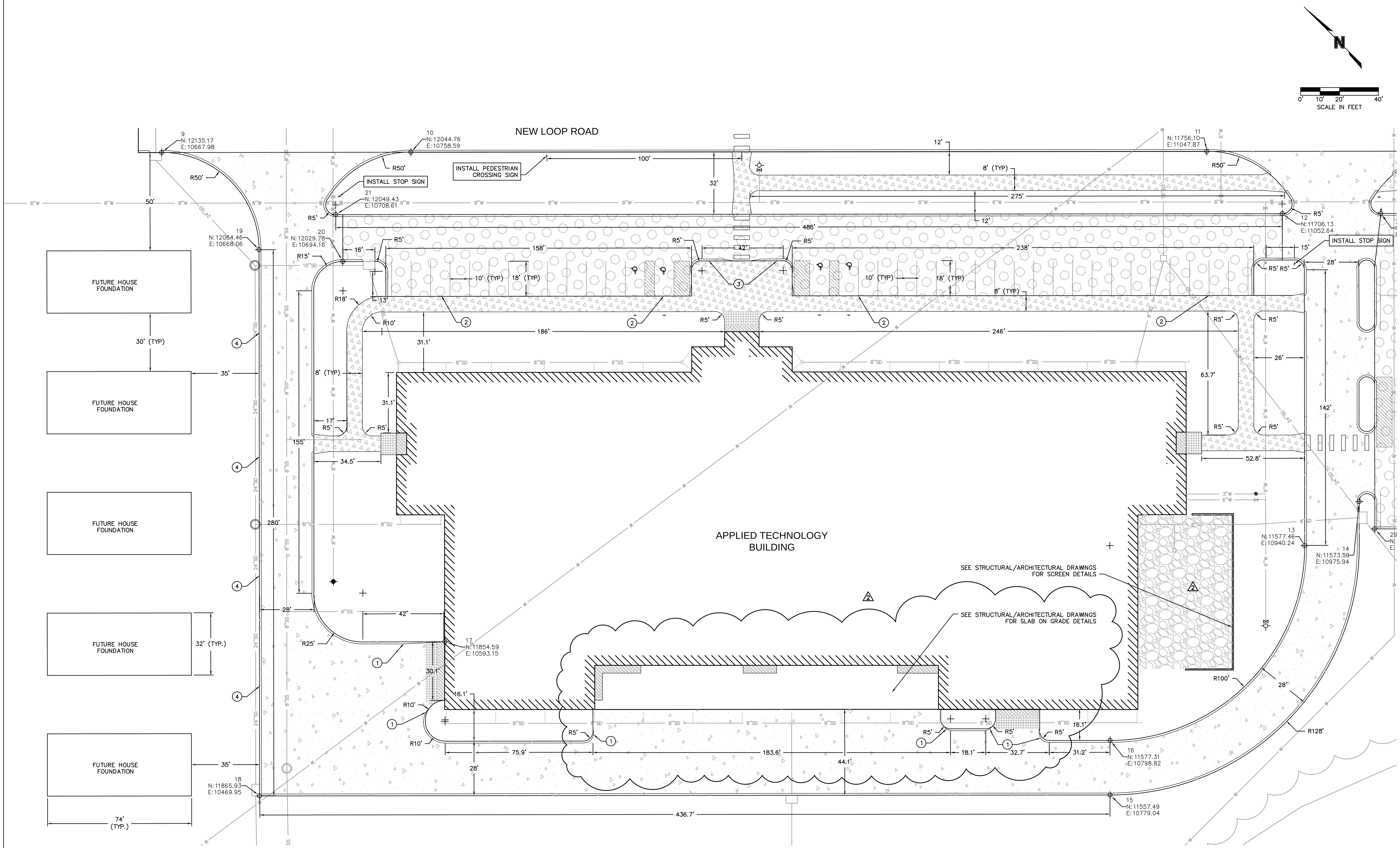
PHYSICAL PLANT/APPLIED TECHNOLOGY BUILDINGS
CIVIL PACKAGE

NORTHEAST COMMUNITY COLLEGE
801 EAST BENJAMIN AVENUE, NORFOLK, NE 68702-0469
ARCHITECTURE, LANDSCAPE ARCHITECTURE, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT

bcdm

C1-6A

MAY 17, 2013
BCDM NO 3526-01
3527-01



GENERAL NOTES:

1. SEE SHEET C3-4 FOR STRIPING DETAILS.
2. SEE GEOMETRICS, JOINTS, AND GRADES FOR ADDITIONAL LAYOUT INFORMATION.
3. MAX. JOINT SPACING FOR PAVEMENT IS 12'-0" AS SHOWN ON DETAILS ON SHEET C3-3.
4. DESIRED MAXIMUM CROSS SLOPE OF SIDEWALKS IS 1.50% (2.00% ABSOLUTE MAXIMUM).
5. DESIRED MAXIMUM RUNNING SLOPE OF SIDEWALKS IS 4.50% (5.00% ABSOLUTE MAXIMUM).
6. RUNNING SLOPES GREATER THAN 5.00% ARE DEFINED AS A RAMP AND MUST FOLLOW ADA GUIDELINES FOR RAMPS

KEYNOTES:

(1) CURB TRANSITION (SEE DETAIL ON SHEET C3-3)

(2) SIDEWALK CURB (SEE DETAIL ON SHEET C3-3)

(3) CURB TO WALK (SEE DETAIL ON SHEET C3-3)

(4) DRIVE OVER CURB (SEE DETAIL ON SHEET C3-3) ALONG CURB IN FRONT OF FUTURE HOUSE FOUNDATIONS.

LEGEND

- 6" CONCRETE PAVEMENT
- 5" CONCRETE SIDEWALK
- STRUCTURAL STOOP (SEE STRUCTURAL DRAWINGS FOR DETAILS)
- 8" CONCRETE PAVEMENT
- HINGE SLAB (SEE STRUCTURAL DRAWINGS FOR DETAILS)
- 2" WHITE ROCK AGGREGATE SURFACING (2)

APPLIED TECHNOLOGY SITE LAYOUT PLAN

Revision Schedule

No.	Description	By	Date
2	ADDENDUM 2	JRS	07/11/13

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801 EAST BENJAMIN AVENUE, NORFOLK, NE 68702-0469

bcdm
ARCHITECTURE, LANDSCAPE ARCHITECTURE, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT

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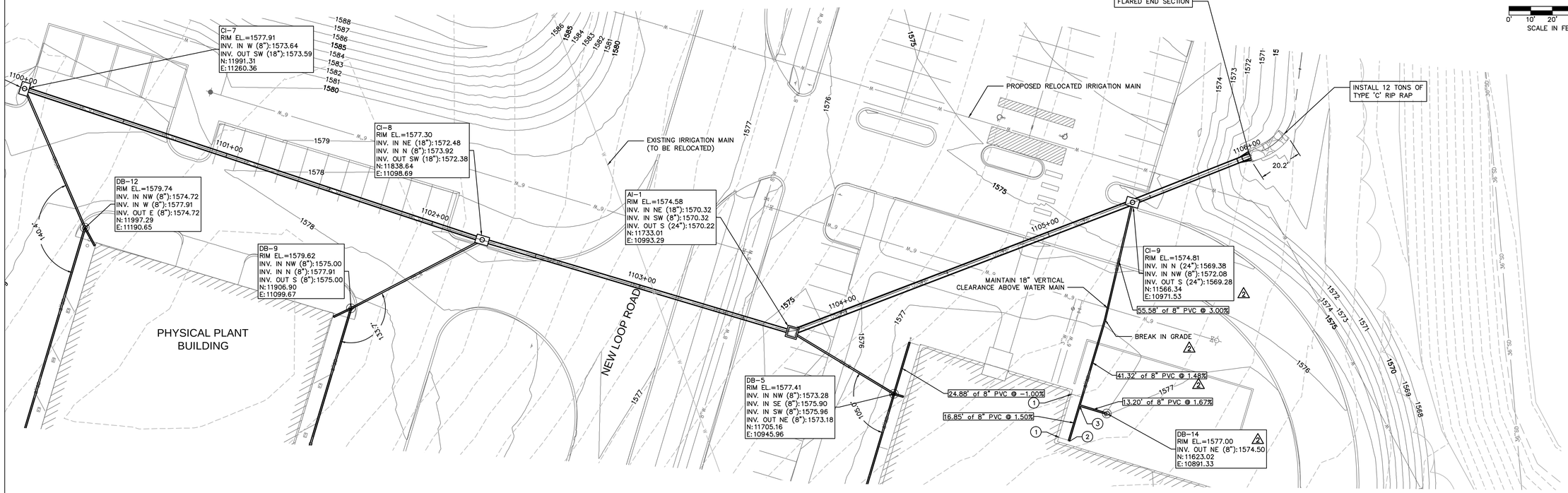

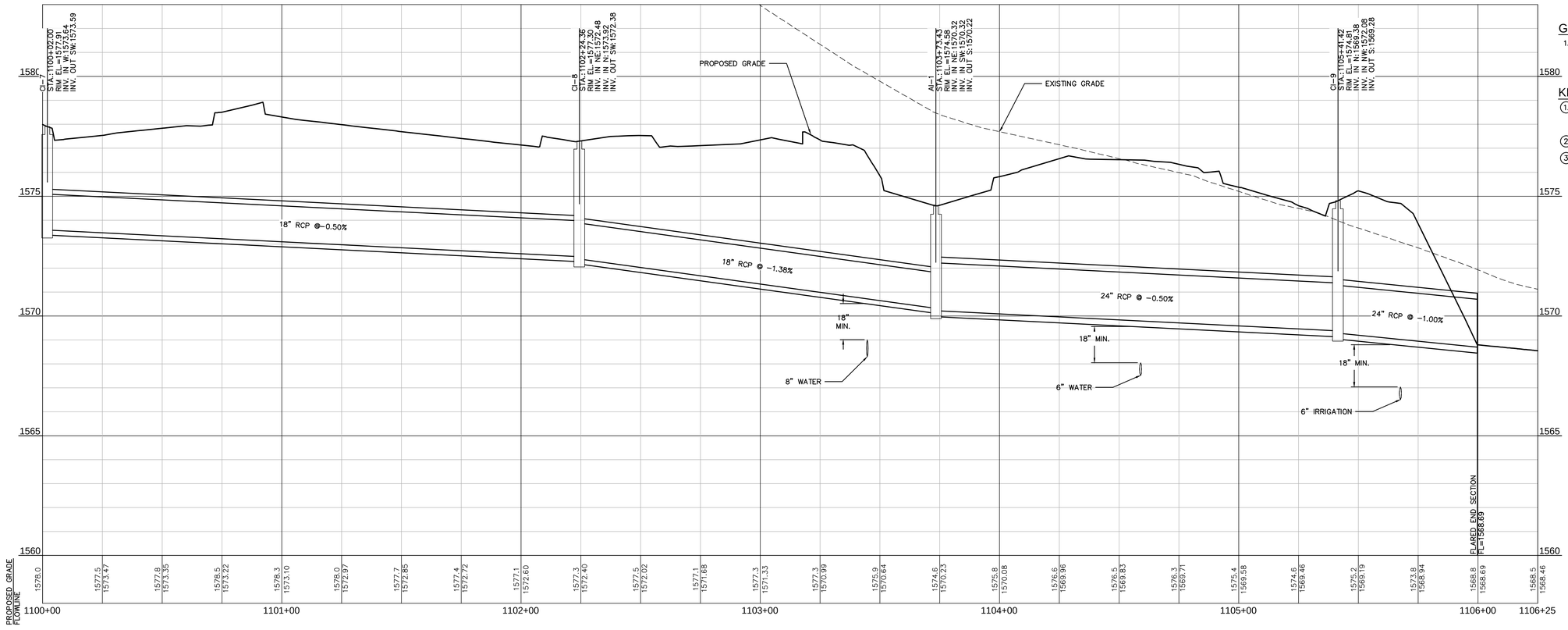

GENERAL NOTES:

1. NORTHING AND EASTING IS AT INTERSECTION OF PIPES.

KEYNOTES:

1. UNDERDRAIN CONNECTION – SEE DETAIL ON SHEET C3-6 (SEE ARCHITECTURAL PLANS FOR CONNECTION LOCATIONS) 2
2. INSTALL STORM SEWER CLEANOUT
3. INSTALL 8"X8" PVC TEE 2

STORM SEWER PLAN & PROFILE
STA. 1100+00 TO STA. 1106+25

SCALE IN FEET
0' 10' 20' 40'

Revision Schedule			
No.	Description	By	Date
2	ADDENDUM 2	JRS	07/31/13

OLSSON ASSOCIATES

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C2-15

MAY 17, 2013
BCDM NO 3526-01
3527-01