AGENDA
CITY OF STURGEON BAY
AESTHETIC DESIGN & SITE PLAN REVIEW BOARD
Monday, July 11, 2016
7:00 p.m.
Community Room, City Hall
421 Michigan Street, Sturgeon Bay, WI

1. Roll call.

2. Adoption of agenda.

3. Approval of minutes from June 20, 2016.

4. Consideration of: Renovation of & addition to former Door County Highway Shop for Door County Senior Center, Aging Disability Resource Center, and Emergency Management/Ambulance Garage - 916 N 14th Ave.

5. Consideration of: Storage building for Kelley Stevens, 1415 Green Bay Road.

6. Consideration of: Future meeting times and dates.

7. Consideration of: Exemption for properties subject to the Waterfront Design Review Code.

8. Adjourn.

NOTE: DEVIATION FROM THE AGENDA ORDER SHOWN MAY OCCUR.

Committee members
Jon Burk
Mark Lake
Jeff Serafico
Dennis Van Bramer
Josh Van Lieshout

7/7/16
1:30 p.m.
PT

4.

CITY OF STURGEON BAY

AESTHETIC DESIGN & SITE PLAN REVIEW BOARD

APPLICATION FOR ***CERTIFICATE OF APPROPRIATENESS***

Name: Grant P. Thomas, Door County Corporation Counsel

Owner of Premises: County of Door

Address or Legal Description of Premises:

916 N 14th Ave

Statement of Specific Item Requested for Approval:

Former County Highway Shop is planned to be re-developed. The County has prepared a master plan for the entire site which is zoned C-3. The master plan for the site will improve the overall image of the 14th Street cooridor. Within the C-3 zoned area, the County is planning the following:

* South end of the former Highway Shop will be remodeled and occupied by the new Human Services Resource Center (which will include the ADRC and Senior Resource Center)
* North end of the former Highway Shop will be remodeled and an addition added. This section of the building will be occupied by the Emergency Services & Management.
* The County is also planning to move the existing fueling station. This will be relocated to the north end of the site, behind the new addition.

The County is seeking approval of the site plan and also the building design (i.e., a certificate of appropriateness). The County believes this new master plan for the site provides the needed services for the County residents and visitors. The County also feels that this plan provides a significant improvement to the overall 14th Street cooridor.

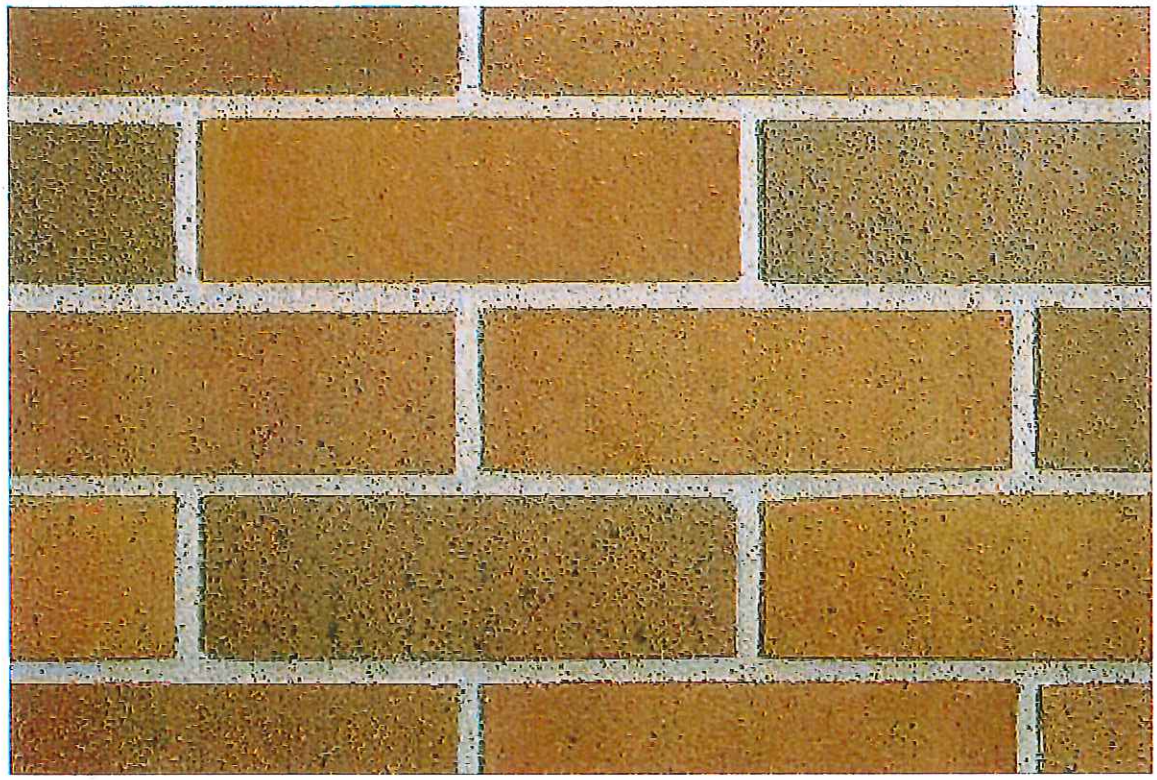
June 24, 2016
Date

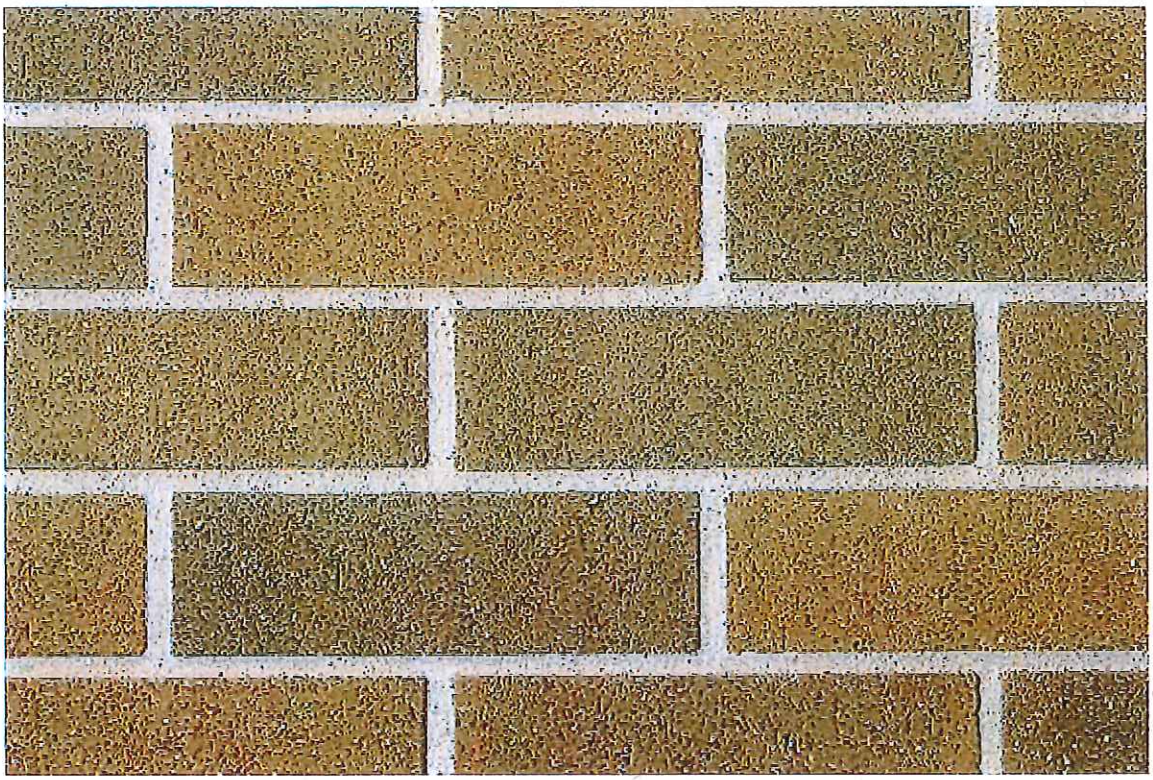
Applicant

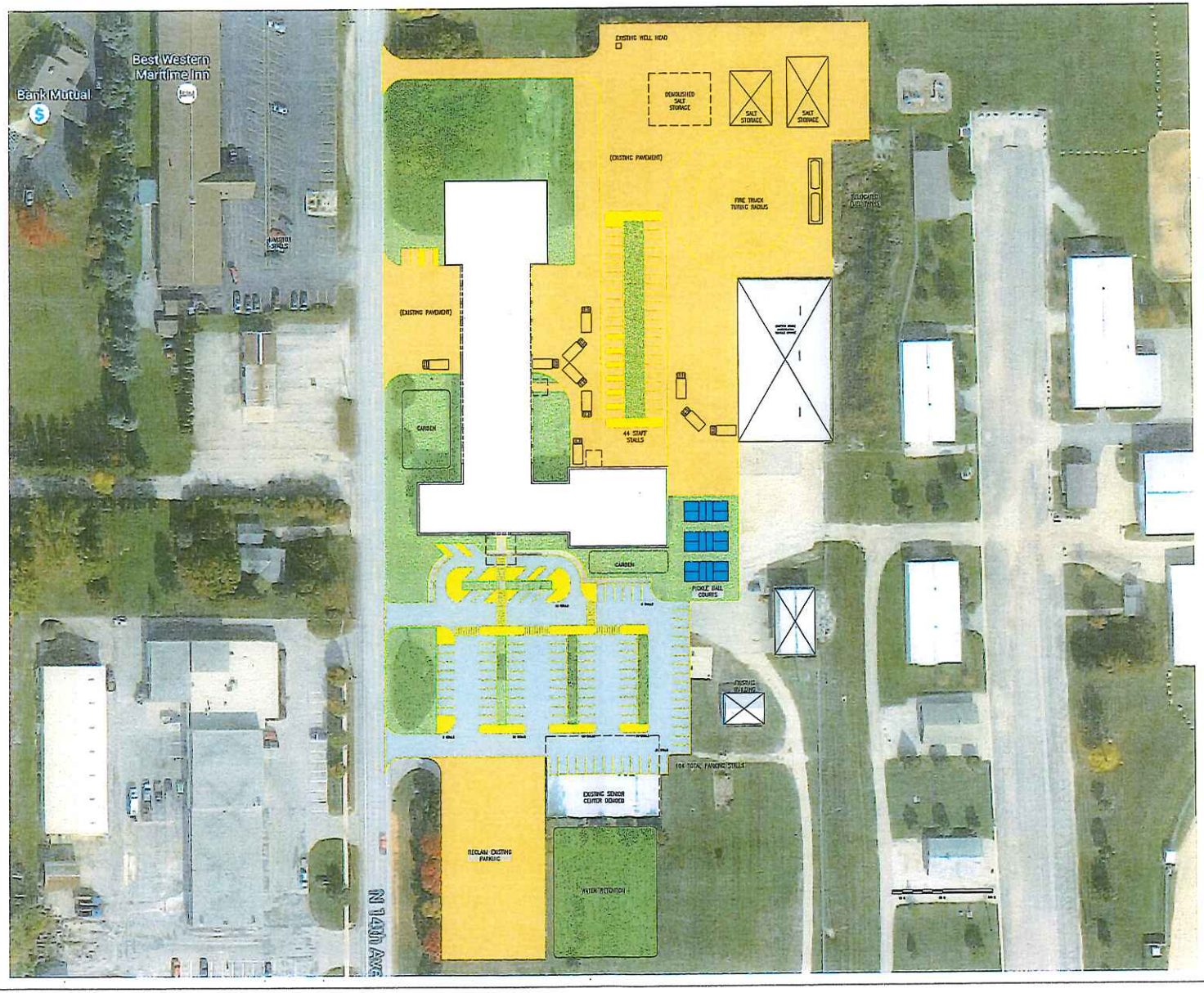
Date Received: _____

Staff Signature: _____

Date Approved/Denied: _____



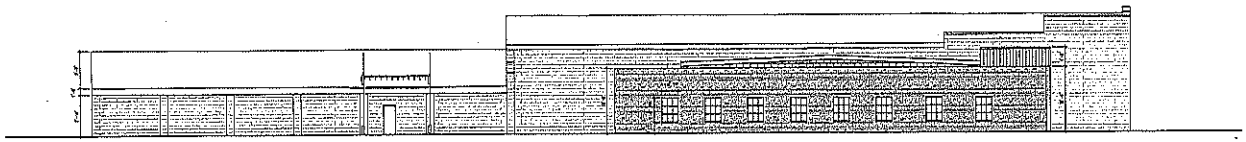




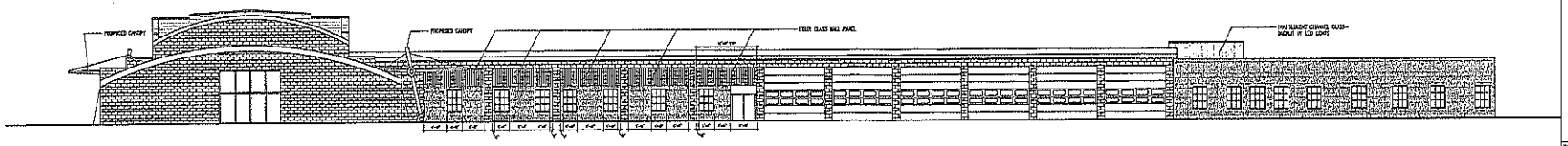
A00
Site Plan

Door County Highway Garage
Floor Plan
Sturgeon Bay, WI

Venture Architects



1 North Elevation
3/32" = 1'-0"



1 East Elevation
3/32" = 1'-0"

Project Name
DOOR COUNTY HISTORIC HIGHWAY SHOP RENOVATION
- SENIOR CENTER AND AMBULANCE HEADQUARTERS

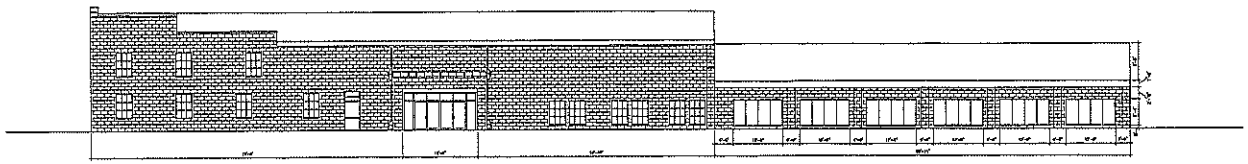
Sheet Title
BUILDING ELEVATIONS

Door County Government Center
Department of Public Works
Sturgeon Bay, WI

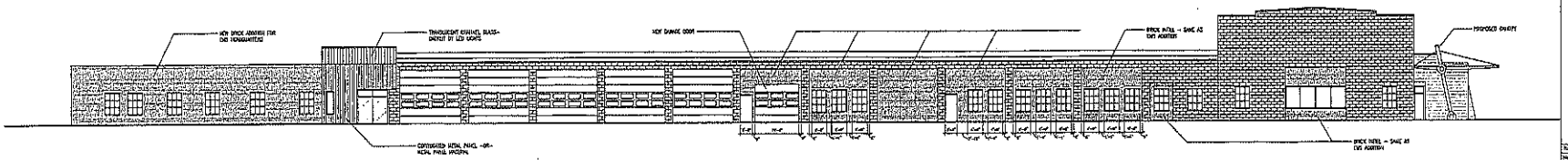
Revisions

No.	Date	Description

Graphic Scale	
DSP Number	150120.09
Set Type	DD Initial Pricing Se
Date Issued	2010.06.23
Sheet Number	A301



1 South Elevation
3/32" = 1'-0"



1 East Elevation
3/32" = 1'-0"

Door County Government Center
Department of Public Works
Sturgeon Bay, WI

Project Name
DOOR COUNTY HISTORIC HIGHWAY SHOP RENOVATION
- SENIOR CENTER AND AMBULANCE HEADQUARTERS

Sheet Title
BUILDING ELEVATIONS

No.	Date	Description

Graphic Scale	
DSP Number	130120.00
Set Type	DD Initial Pricing Se
Date Issued	2018.08.23
Sheet Number	A302

5.

CITY OF STURGEON BAY

AESTHETIC DESIGN & SITE PLAN REVIEW BOARD

APPLICATION FOR *CERTIFICATE OF APPROPRIATENESS*

Name: Stevens storage facility

Owner of Premises: KELLEY J STEVENS

Address or Legal Description of Premises:
1415 Green Bay Road

Statement of Specific Item Requested for Approval:
- Approval for construction of building for storage on Green Bay Road consistent with accepted zoning requirements
- siding is 26ga steel along with split face masonry
- roofing is standing seam 24ga
- colors as shown in rendering
- Landscaping will include existing trees, newly transplanted grass, and shrubery

6/17/16
Date

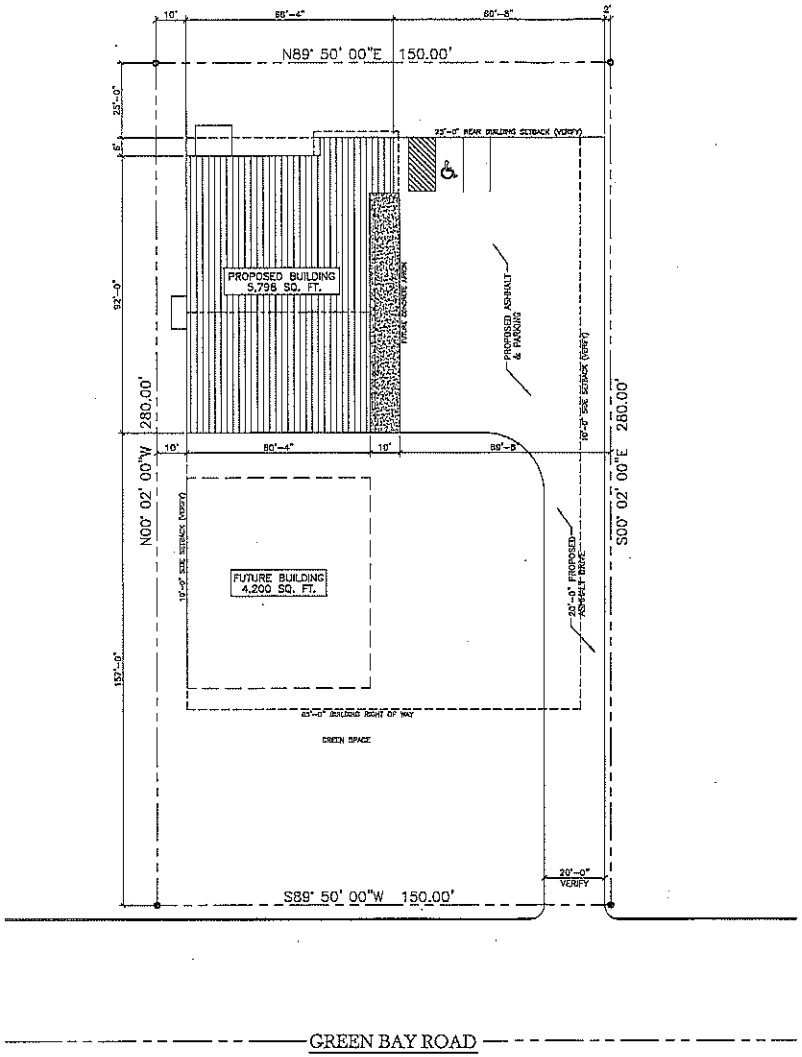
Kelley J Stevens
Applicant

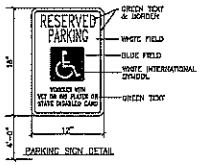
Date Received: 6-17-16

Staff Signature:

Date Approved/Denied:

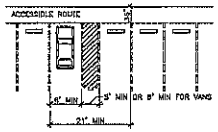
SITE PLAN





HANDICAP PARKING SIGN DETAILS
NOT TO SCALE

IT SHALL BE THE RESPONSIBILITY OF THE OWNER TO INSTALL (WHERE SHOWN HEREON), BARRIER FREE PARKING SIGNS IN CONFORMITY TO WISCONSIN ADMINISTRATIVE CODE: TRANS #200.07



HANDICAPPED PARKING SPACES

NOTE:

CONTRACTORS SHALL LOCATE ALL UTILITIES BEFORE CONSTRUCTION AND NOTIFY ARCHITECT AND OWNER OF ANY INTERFERENCES.

CONTRACTORS SHALL PROVIDE ALL BARRIERS, BARRICADES, FENCES AND SAFETY EQUIPMENT AND PRECAUTIONS REQUIRED BY ALL CODES AND SAFE CONSTRUCTION PRACTICES.

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CODES OR AGENCIES HAVING JURISDICTION OVER THE PROJECT.

ALL MATERIALS SHALL BE INSTALLED PER MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS.

CONSTRUCTION OF THIS BUILDING SHALL MEET OR EXCEED ALL APPLICABLE ORDINANCES, CODES AND STANDARDS. IN THE CASE OF CONFLICT, THE MOST STRINGENT SHALL APPLY. STATE OF WISCONSIN ENROLLED COMMERCIAL BUILDING CODE.

JOB SITE LOCATION
1415 GREEN BAY ROAD
STURGEON BAY, WI 54235

FIRE PROTECTION
NONE REQUIRED

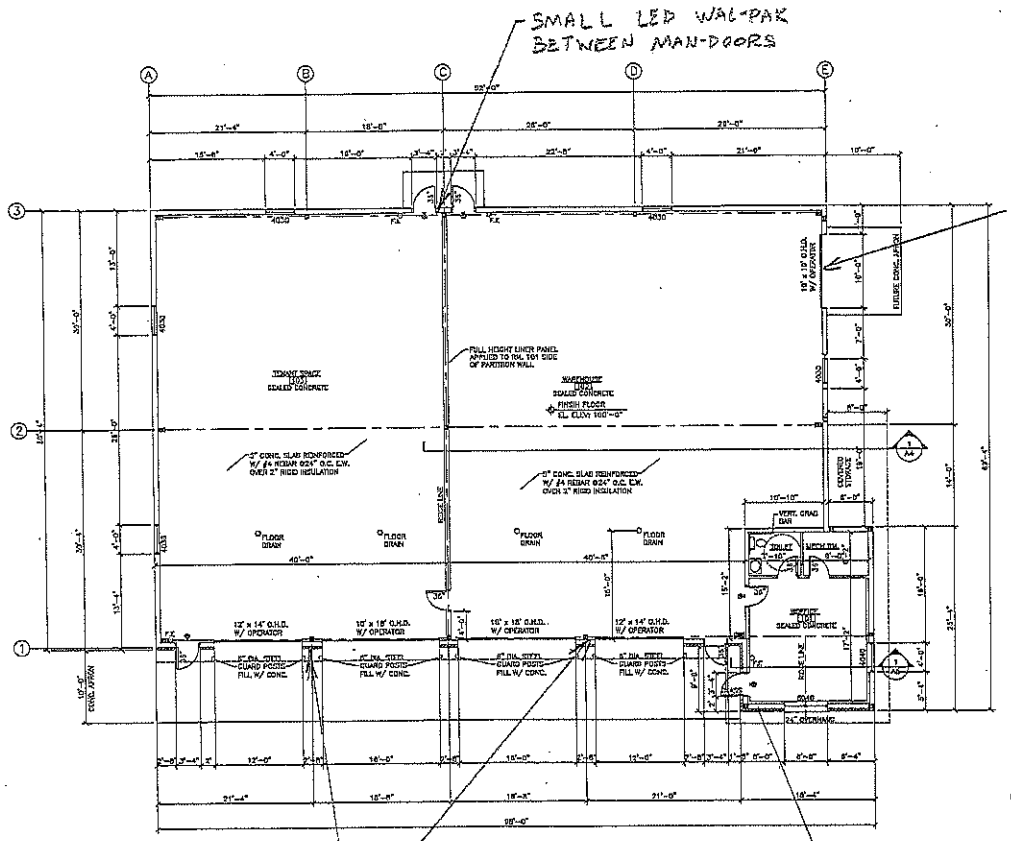
BUILDING OCCUPANCY
I.B.C. USE GROUP "S-1"
TYPE OF CONSTR. IIB

SITE PLAN
SCALE: 1"=20'-0"

PLAN NORTH

#15158 KELLEY STEVENS STURGEON BAY, WI	DATE: 08-06-15 FILE: – JOB NO: –
BADGERLAND BUILDINGS, INC. W5320 CTY. RD. A BLACK CREEK, WI 54106 PHONE: 920-560-5500 FAX: 920-560-5501	A1

Floor Plan/ Lighting

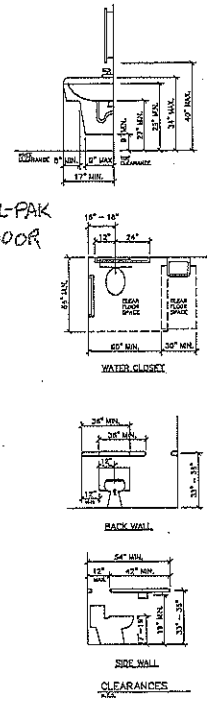


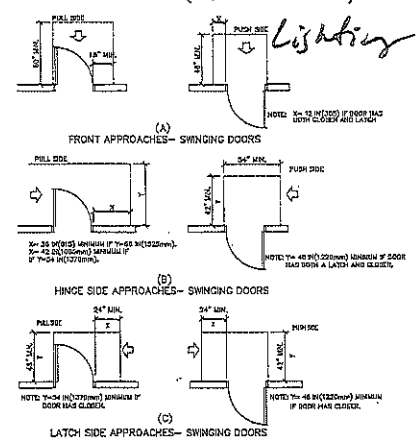
FLOOR PLAN
SCALE: 1/8"=1'-0"

MATERIAL SCHEDULE AND SYMBOLS

FX.	FIRE EXTINGUISHER
FD.	FLOOR DRAIN
	EXIT LIGHT

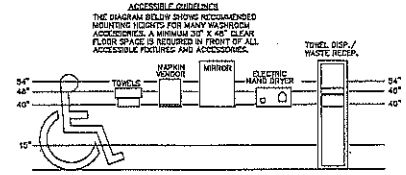
LIGHTING PLAN





ACCESSIBLE GUIDELINES

THE DIAGRAM BELOW SHOWS RECOMMENDED MOUNTING HEIGHTS FOR MANY WASHROOM ACCESSORIES. A MINIMUM 30" X 48" CLEAR FLOOR SPACE IS REQUIRED IN FRONT OF ALL ACCESSIBLE FIXTURES AND ACCESSORIES.



QUICK REFERENCE GUIDELINES
(BE SURE TO REFERENCE WITH ADA CODE)

STRUCTURAL CALCULATIONS

ROOF LOADS

DEAD		
	METAL	1
	PURLINS	1
TOP CHORD	FRAMES	1
	MECH./ELEC	2
	INSULATION	1
	CEILING	1
BOTTOM CHORD	MISCELLANEOUS	1
	TOTAL DEAD LOAD	9 P.S.F.

LIVE

SNOW–GROUND Pg= 50
Ce=.09 1608.3.1
Is=1.1 1608.3.3
SNOW LOAD Pf= Pg*0.7* (Is) Cs (Ce) Cl

1 11608.2
1 11608.3.2
1 11608.3.4
35 p.s.f.

TOTAL ROOF LOAD 43

DESIGN CRITERIA
STEEL: STRUCTURAL- ASTM A-992, Fy= 50 KSI
STEEL: TUBE ASTM A-500 Gr. B Fy=46 KSI
STEEL: MISCELLANEOUS ASTM A-36 Fy=36 KSI

CONCRETE:
FLOORS: fc=3,000 psi @28 DAYS 1" STONE
FOUNDATIONS: fc=3,000 psi @28 DAYS 1" STONE
EXPOSED: fc=3,000 psi @28 DAYS AIR ENTRAINED 5–7%

REINFORCING: ASTM A615 Fy=60 KSI
MASONRY: fm=1350 psi RUNNING BOND

BUILDING INFORMATION
COUNTY: DOOR
SIZE: W=92'-0" L=52'-0"
PITCH= 2.5IN 12
EAVE HEIGHT= 17'-0"

WIND EXPOSURE= B
ROOF TYPE= STEEL

SOIL BEARING: 2,000 P/SQ. FT.

NOTES

1. EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. EXITS SIGNS SHALL BE ILLUMINATED.
2. THE SYMBOL TO DENOTE AN EXIT SIGN LOCATION IS THAT OF A CIRCLE CONTAINS AN "X".
3. THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED.
4. STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE. HANDRAIL HEIGHT, MEASURED ABOVE STAIR TREAD NOSING, SHALL BE UNIFORM, NOT LESS THAN 34" AND NOT MORE THAN 38".

FIRE EXTINGUISHERS
PORTABLE FIRE EXTINGUISHERS SHALL BE INSPECTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH IFC 906 AND NFPA 10. FOR OCCUPANCIES OF ORDINARY HAZARD THE MAX. TRAVEL DISTANCE TO A FIRE EXTINGUISHER IS 75'.

RESTROOMS
1. FLOORS SHALL HAVE A SMOOTH, HARD NONABSORBENT SURFACE THAT EXTENDS UPWARD ONTO THE WALLS AT LEAST 6" U.N.O.
2. WALLS WITHIN 2' OF URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE TO A HEIGHT OF 4' ABOVE THE FLOOR
3. AT LEAST ONE OF EACH TYPE OF FIXTURE, ELEMENT, CONTROL OR DISPENSER IN EACH ACCESSIBLE TOILET ROOM AND BATHING FACILITY SHALL BE ACCESSIBLE.
4. DOORS TO UNISEX TOILET ROOM SHALL HAVE A PRIVACY LOCK.

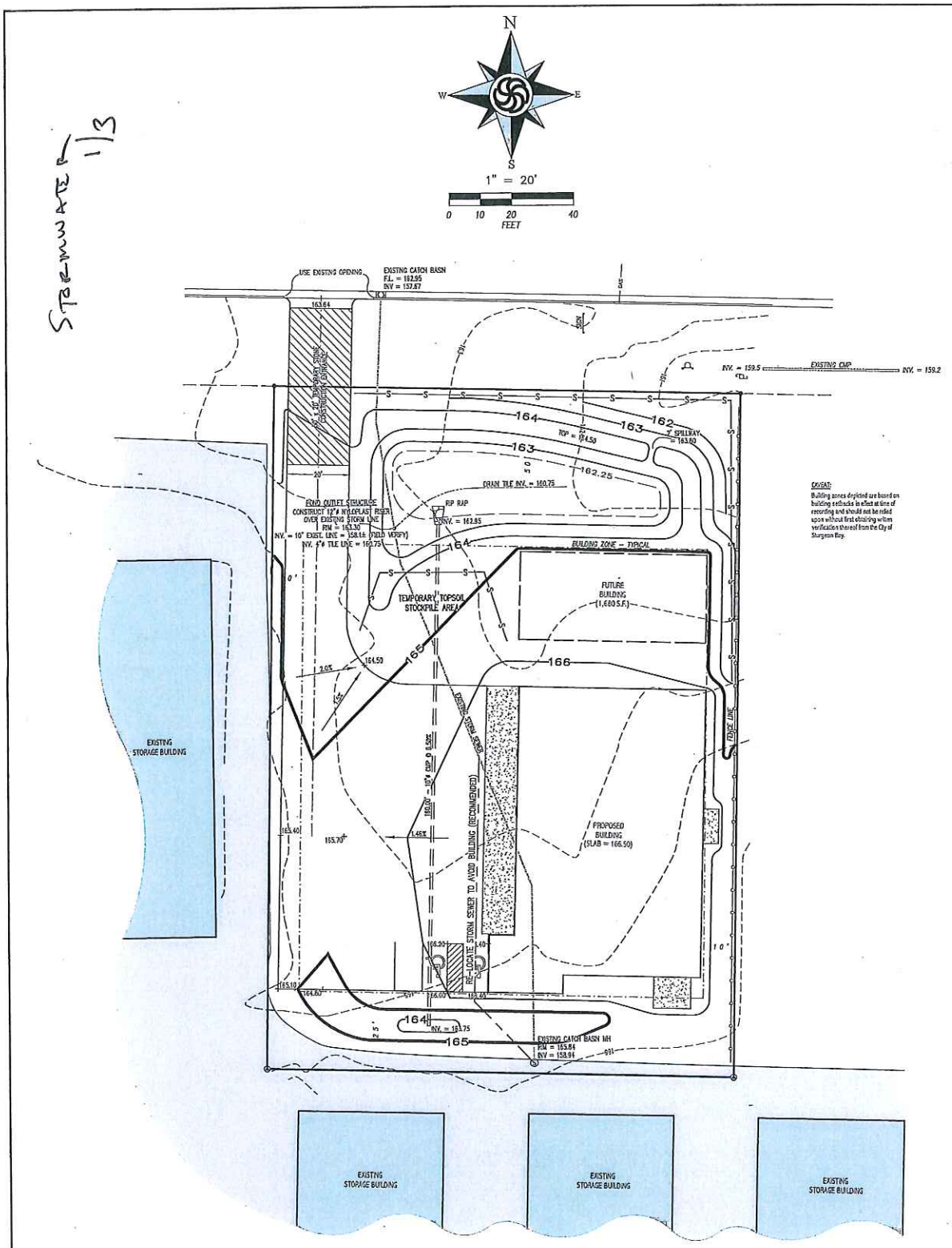
IBC 2902.1 DRINKING FACILITIES ARE REQUIRED BASED OF THE TYPE OF OCCUPANCY AND IN THE MINIMUM NUMBER SHOWN IN TABLE 2902.1. DRINKING FOUNTAINS MAY BE OMITTED WHERE OTHER ACCEPTABLE ARRANGEMENTS ARE MADE TO PROVIDE DRINKING WATER. ACCEPTABLE ARRANGEMENTS INCLUDE PROVIDING BOTTLED–WATER COOLERS, PROVIDING A SINK WITH CUPS IN DRINK ROOMS, OR PROVIDING FREE DRINKING WATER SERVICE AT RESTAURANTS. IF IS NOT ACCEPTABLE TO PROVIDE DRINKING WATER INSIDE RESTROOMS OR SERVICE CLOSETS.

NOTE:
IBC 1209.1 PROVIDE TOILET AND BATHING ROOM FLOORS WITH A SMOOTH, HARD, NONABSORBENT SURFACE EXTENDING A MINIMUM OF 6 INCHES ALONG THE WALL.

IBC 1209.2 PROVIDE TOILET AND BATH ROOM WALLS WITHIN 2 FT OF A URINAL OR TOILET WITH A SMOOTH, HARD, NONABSORBENT SURFACE THAT EXTENDS TO A HEIGHT OF AT LEAST 4 FT.

#15158 KELLEY STEVENS STURGEON BAY, WI	DATE: 05–06–16 FILE: – JOB NO: –
BADGERLAND BUILDINGS, INC. W5320 CTY. RD. A BLACK CREEK, WI 54106 PHONE: 920–380–5500 FAX: 920–560–5501	A2

Stormwater 1/3



CAVEAT:
Building zones depicted are based on building setbacks in effect at time of recording and should not be relied upon without first obtaining written verification thereof from the City of Sturgeon Bay.

DRAWN BY: VB	DESIGNED BY: J.J.M.
PATH: \ARW\DWG\	PLAN NAME: 699-DES
PROJECT: STEVENS 22399	
REVISED DATE:	DATE: 6-7-16
SCALE: HORIZ. - 1" = 20'	JOB NUMBER: 22399

55 S. 3RD AVENUE
P.O. BOX 105
STURGEON BAY, WI.
54235
PHONE: 920-743-8211
FAX: 920-743-8217

Baudhuin Incorporated
Site Engineering • Surveying • Soil science

Kelley J. Stevens

GRADING, DRAINAGE, & EROSION CONTROL PLAN

REUSE OF DOCUMENTS
THIS DOCUMENT HAS BEEN DEVELOPED FOR A SPECIFIC APPLICATION AND NOT FOR GENERAL USE. THIS DOCUMENT MAY NOT BE USED WITHOUT THE WRITTEN APPROVAL OF BAUDHUIN INCORPORATED. UNAPPROVED USE IS THE SOLE RESPONSIBILITY OF THE UNAUTHORIZED USER.

SP1

SW 2/3

Erosion Control Notes

1. ANY SOIL STOCKPILE THAT REMAINS FOR MORE THAN 30 DAYS SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING.

2. A MINIMUM OF 4 TO 6 INCHES OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDED OR SODDED.

3. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED OF NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.

4. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH DAY. FLUSHING SHALL NOT BE ALLOWED.

5. ALL DISTURBED AREAS SHALL BE TREATED WITH STABILIZATION MEASURES AS SPECIFIED WITHIN 3 WORKING DAYS OF FINAL GRADING.

6. ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR THE APPLICATION OF STABILIZATION MEASURES MUST BE REPAIRED AND STABILIZATION WORK REDONE.

7. FOR ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 WORKING DAYS, OR WHERE GRADING WORK EXTENDS BEYOND THE PERMANENT SEEDING DEADLINES, THE SITE MUST BE TREATED WITH TEMPORARY BEST MANAGEMENT PRACTICES SUCH AS SILT FENCE, STRAW BALES, AND SEDIMENT TRAPS.

8. ALL TEMPORARY BEST MANAGEMENT PRACTICES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED.

9. WIND EROSION SHALL BE KEPT TO A MINIMUM DURING CONSTRUCTION. WATERING, MULCHING OR A TRACKING AGENT MAY NEED TO BE UTILIZED TO PROTECT NEARBY RESIDENCES/WATER RESOURCES.

10. WHEN THE DISTURBED AREA HAS BEEN STABILIZED BY PERMANENT VEGETATIVE OR OTHER MEANS, TEMPORARY BEST MANAGEMENT PRACTICES SUCH AS SILT FENCES AND STRAW BALES AND SEDIMENT TRAP SHALL BE REMOVED AND THESE AREAS STABILIZED.

11. ALL REMAINING TOPSOIL STOCKPILES (AFTER CONSTRUCTION COMPLETE) SHALL BE SEEDED OR HAULED OFFSITE WITHIN 60 DAYS OF COMPLETION.

12. CONTRACTOR RESPONSIBLE FOR MAINTAINING A CURRENT EROSION CONTROL MAINTENANCE LOG ON SITE WITH DOCUMENTATION EVERY 7 DAYS AND WITHIN 24 HOURS OF A RAINFALL EVENT EXCEEDING 1 /2 INCH. A.N. ANSAY & ASSOCIATES RESPONSIBLE FOR LOG AFTER CONTRACTOR LEAVES SITE.

TRENCH BACKFILL SPEC.

ALL BACK FILL IN EXISTING OR PROPOSED ROADS SHALL BE COMPACTED TO 95% STANDARD PROCTOR.

BEDDING MATERIAL SHALL BE CRUSHED STONE CHIPS MEETING THE FOLLOWING GRADATION REQUIREMENTS:

SIEVE SIZES	PERCENTAGE PASSING BY WEIGHT
1-INCH	100
3/4 INCH	90-100
3/8 INCH	20-55
No. 4	0-10
No. 8	0-5

COVER MATERIAL SHALL CONSIST OF UNWASHED BANK-RUN SAND OR CRUSHED BANK-RUN GRAVEL. THIS MATERIAL SHALL SUBSTANTIALLY CONFORM TO THE TO THE FOLLOWING GRADATION REQUIREMENTS.

SIEVE SIZES	PERCENTAGE PASSING BY WEIGHT
1-INCH	100
3/4 INCH	85-100
3/8 INCH	50-80
No. 4	35-65
No. 40	15-30
No. 200	5-15

GRANULAR MATERIAL SHALL CONSIST OF UNIFORM GRADED DURABLE PARTICLES. SUFFICIENT FINE MATERIAL SHALL BE PRESENT TO FILL ALL THE VOIDS OF THE COURSE MATERIAL. SOME FINE CLAY OR LOAM PARTICLES ARE DESIRABLE, BUT THEY SHALL NOT BE PRESENT IN THE FORM OF LUMPS. GRANULAR BACK FILL SHALL CONFORM TO THE FOLLOWING GRADATION REQUIREMENTS:

SIEVE SIZES	PERCENTAGE PASSING BY WEIGHT
2-INCH	95-100
No. 4	65-80
Finer than No. 200	35-65

Procedures of Construction

(BASED ON A 30 DAY SCHEDULE, ANTICIPATED START: JULY 1, 2016)

1. INSTALL EROSION CONTROL MEASURES PER PLAN FOR PHASE PLANNED FOR CONSTRUCTION. (COMPLETED DAY 1)

2. STRIP TOPSOIL IN INFILTRATION AREA AND BUILDING ZONE AND STOCKPILE PORTION NEEDED FOR FUTURE RESTORATION. (COMPLETED DAY 5)

3. CONSTRUCT INFILTRATION AREA, INSTALL OUTLET STRUCTURES, (COMPLETED DAY 12)

4. COMPLETE BUILDING FOUNDATION. (DAY 20)

5. CONSTRUCT / GRAVEL DRIVEWAYS. (DAY 24)

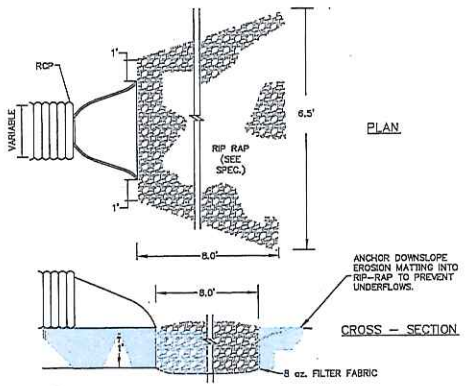
6. TOPSOIL, SEED, FERTILIZE & MULCH ALL DISTURBED AREAS, STABILIZE SWALES WITH EROSION MATTING (COMPLETED DAY 30).

7. EXCAVATE SEDIMENT FROM CONSTRUCTION SITE RUNOFF OUT OF POND TO MATCH PLAN GRADE AFTER AT LEAST 75% OF THE PERMANENT VEGETATION HAS BEEN ESTABLISHED. (AS NEEDED)

8. REMOVE EROSION CONTROL MEASURES WHEN GRASS HAS BEEN WELL ESTABLISHED.

Culvert Rip-rap Detail

NO SCALE



(ALL DOWNSLOPE ENDS OF CULVERTS)

Stabilization Specifications

(REFER TO EROSION CONTROL PLAN FOR APPLICABLE AREAS)

EROSION MATS AND/OR BLANKETS

MATERIAL SHALL CONSIST OF ANY STRAW, HAY, WOOD EXCELSIOR FIBER OR OTHER SUITABLE MATERIAL OF A SIMILAR NATURE WHICH IS SUBSTANTIALLY FREE OF NOXIOUS WEED SEEDS AND OBJECTIONABLE FOREIGN MATTER. MULCHING SHALL CONFORM TO WDNR TECHNICAL STANDARD 1058.

STANDARD BIODEGRADABLE NETTING: NORTH AMERICAN GREEN DS75 IF PLACED PRIOR TO AUGUST 1 AND AMERICAN GREEN S75 IF PLACED AFTER AUGUST 1 OR BIODEGRADABLE EQUIVALENT. CHANNEL EROSION MAT SHALL ALSO MEET THE REQUIREMENTS OF WDNR TECHNICAL STANDARD 1053.

HIGH VELOCITY EROSION MATTING: NORTH AMERICAN GREEN SC150 DOUBLE NET BLANKET RATED AT GREATER THAN 8 FPS OR ENGINEER APPROVED EQUIVALENT STAKED/STAPLED WITH A MINIMUM OF 3.4 STAPLES PER SQUARE YARD IN A MANUFACTURER RECOMMENDED PATTERN. CHANNEL EROSION MAT SHALL ALSO MEET THE REQUIREMENTS OF WDNR TECHNICAL STANDARD 1053.

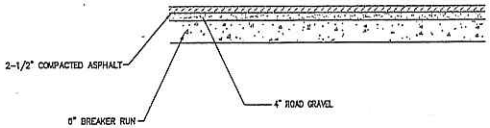
USE U-SHAPED STAPLES NO. 11 GAUGE OR HEAVIER STEEL WIRE OR OTHER APPROVED MATERIALS, WITH A WIDTH OF ONE TO TWO INCHES, AND A LENGTH NOT LESS THAN 6 INCHES FOR FIRM SOILS AND NOT LESS THAN 12 INCHES FOR LOOSE SOILS.

INSTALLATION: ALL EROSION MATTING SHALL BE INSTALLED WITH DOWNSLOPE EDGE BURIED OR OVERLAPPED A MINIMUM OF 3 INCHES BY UPSLOPE MATTING TO PREVENT UNDERFLOWS. ALL EROSION MATTING IN SWALE AREAS SHALL BE A MINIMUM OF 6' WIDE AND CENTERED IN THE BASE OF THE SWALE.

4-12" ROCK, 50% >6", 10-20% <2" (OVER 8 oz. FILTER FABRIC)
DECORATIVE STONE MAY BE USED AS LONG AS IT MEETS SPECIFICATIONS.

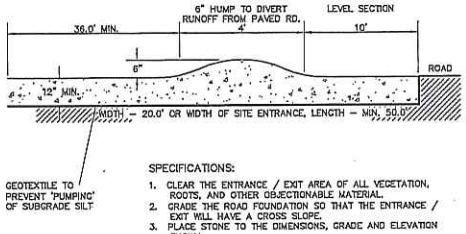
Driveway Cross - Section

NO SCALE



Temporary Stone Construction Entrance

NO SCALE



SPECIFICATIONS:

1. CLEAR THE ENTRANCE / EXIT AREA OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
2. GRADE THE ROAD FOUNDATION SO THAT THE ENTRANCE / EXIT WILL HAVE A CROSS SLOPE.
3. PLACE STONE TO THE DIMENSIONS, GRADE AND ELEVATION SHOWN.
4. USE WASHED STONE 3" TO 6" IN SIZE.

NOTES:

- MAINTAIN THE STONE PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE SITE. SHOULD MUD BE TRACKED OR WASHED ONTO ROAD, IT MUST BE REMOVED IMMEDIATELY.
- TEMPORARY STONE CONSTRUCTION ENTRANCE SHALL CONFORM TO WDNR TECHNICAL STANDARD 1057.

DET1

REUSE OF DOCUMENTS
THIS DOCUMENT HAS BEEN DEVELOPED FOR A SPECIFIC APPLICATION AND NOT FOR GENERAL USE. THEREFORE IT MAY NOT BE USED WITHOUT THE WRITTEN APPROVAL OF BAUDHUIN INCORPORATED. UNAPPROVED USE IS THE SOLE RESPONSIBILITY OF THE UNAUTHORIZED USER.

CONSTRUCTION DETAILS

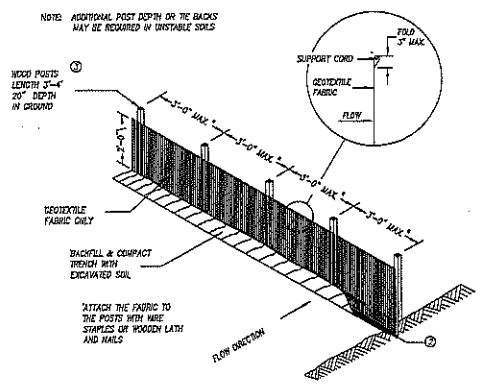
Kelley J. Stevens

Baudhuin Incorporated
Site Engineering•Surveying•Soil science
55 S. 3RD AVENUE
P.O. BOX 105
STURGEON BAY, WI. 54235
PHONE: 920-743-8211
FAX: 920-743-8217

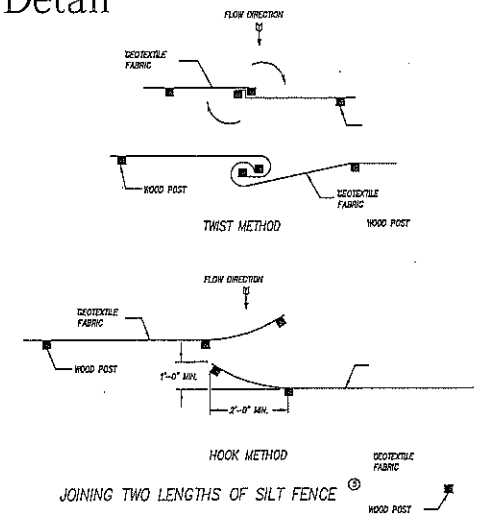
PATH: \ARW\DWG\	PLAN NAME: 099-DES	DRAWN BY: VB
PROJECT: STEVENS 22699		DESIGNED BY: P.J.H.
REVISED DATE		DATE: 6-7-16
SCALE: HORIZ. - 1" = 20'		JOB NUMBER: 22699

Silt Fence Detail

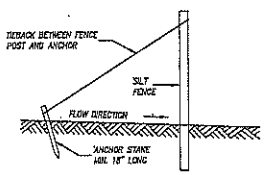
NO SCALE



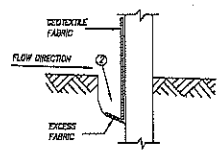
SILT FENCE



JOINING TWO LENGTHS OF SILT FENCE ③



SILT FENCE TIE BACK
(WHEN ADDITIONAL SUPPORT REQUIRED)



TRENCH DETAIL

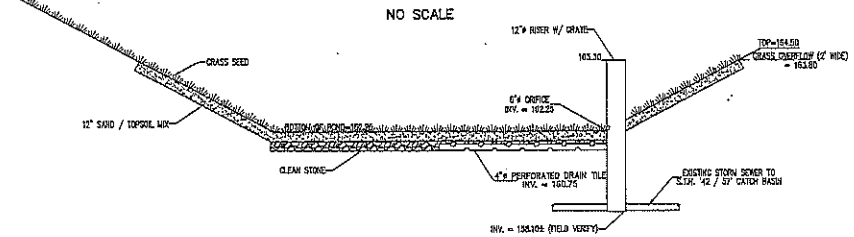
SILT FENCE SHALL CONFORM TO DNR TECHNICAL STANDARD 1066.

GENERAL NOTES

1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1" X 1" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS: A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

Pond Cross - Section

NO SCALE



DET2

REUSE OF DOCUMENTS

THIS DOCUMENT HAS BEEN DEVELOPED FOR A SPECIFIC APPLICATION AND NOT FOR GENERAL USE. THEREFORE IT MAY NOT BE USED WITHOUT THE WRITTEN APPROVAL OF BAUDHUIN INCORPORATED. UNAPPROVED USE IS THE SOLE RESPONSIBILITY OF THE UNAUTHORIZED USER.

CONSTRUCTION DETAILS

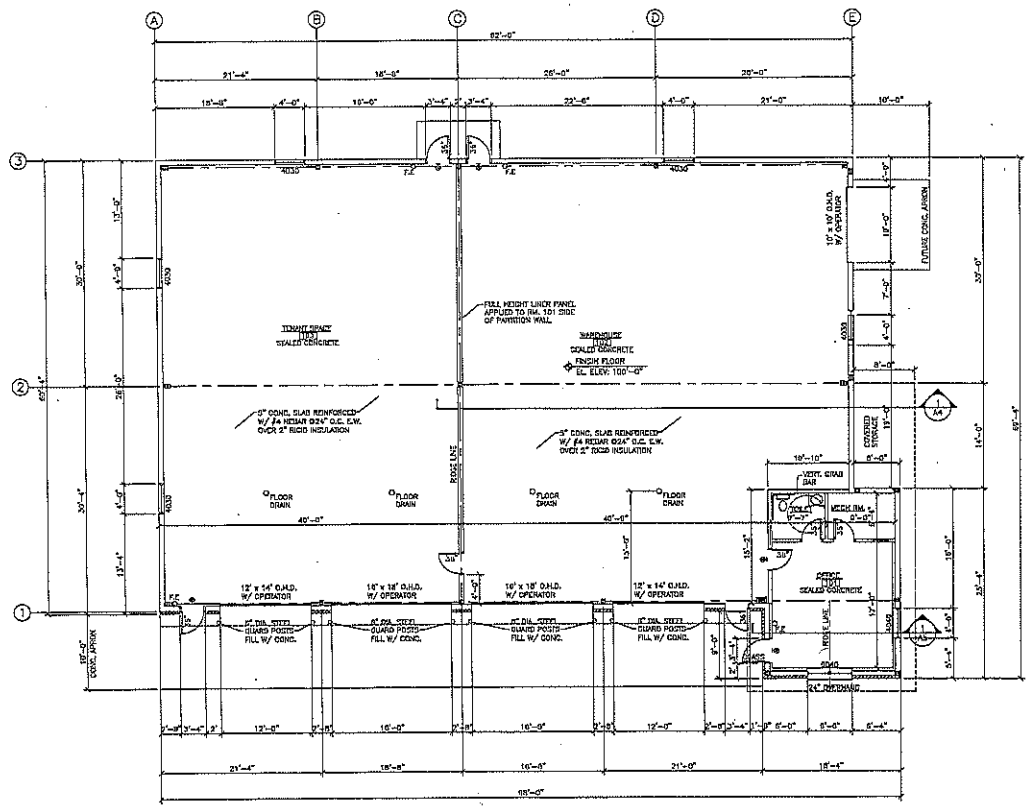
Kelley J. Stevens

Baudhuin Incorporated
Site Engineering • Surveying • Soil science
55 S. 3RD AVENUE
P.O. BOX 105
STURGEON BAY, WI.
54235
PHONE: 920-743-8211
FAX: 920-743-8217

PATH: \ARW\LDWG\	PLAN NAME: 599-DES	DRAWN BY: YS
PREPARED BY: STEVENS 22599		DESIGNED BY: P.J.H.
REVISED DATE:		DATE: 6-7-16
SCALE: HORIZ. = 1" = 20'		JOB NUMBER: 22599

Sw

3/3



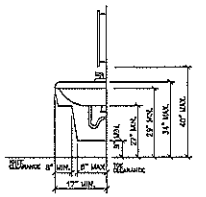
FLOOR PLAN

SCALE: 1/8"=1'-0"

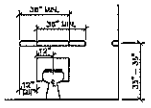
MATERIAL SCHEDULE AND SYMBOLS

$\square_{F.E.}$	FIRE EXTINGUISHER
$\circ_{F.D.}$	FLOOR DRAIN
⊗	EXIT LIGHT

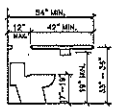
PLAN NORTH



WATER CLOSET

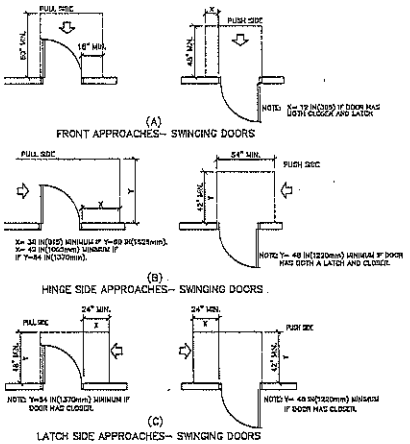


BACK WALL



SIDE WALL

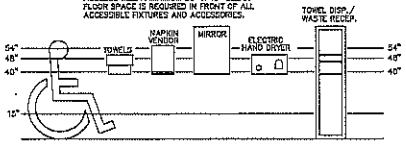
CLEARANCES



MANEUVERING CLEARANCES AT DOORS
NOTE: ALL DOOR HANDLES SHALL BE LEVER OR LOOP TYPE

ACCESSIBLE GUIDELINES

THE DIAGRAM BELOW SHOWS RECOMMENDED MOUNTING HEIGHTS FOR MANY WASHROOM ACCESSORIES. A MINIMUM 30" X 48" CLEAR FLOOR SPACE IS REQUIRED IN FRONT OF ALL ACCESSIBLE FIXTURES AND ACCESSORIES.



QUICK REFERENCE GUIDELINES
(BE SURE TO REFERENCE WITH ADA GUIDE)

STRUCTURAL CALCULATIONS

ROOF LOADS
DEAD

	METAL	1
	PURLINS	1
TOP CHORD	FRAMES	1
	MECH./ELEC	2
	INSULATION	2
	CEILING	1
BOTTOM CHORD	MISCELLANEOUS	1
	TOTAL DEAD LOAD	6 P.S.F.

LIVE

SNOW-GROUND P_g=	50	
C_e=.09 1608.3.1		1 11608.2
I_s=1.1 1608.3.3		1 11608.3.2
		1 11608.3.4
SNOW LOAD P_f= P_g*0.7* (Is) Ce (Ce) Ct		35 p.s.f.1

TOTAL ROOF LOAD 43

BUILDING INFORMATION
COUNTY: DOOR
SIZE: W=92'-0" L=60'-0"
PITCH= 2.5IN 12
EAVE HEIGHT= 17'-0"

WIND EXPOSURE= B
ROOF TYPE= STEEL

SOIL BEARING: 2,000 P/SQ. FT.

DESIGN CRITERIA
STEEL: STRUCTURAL ASTM A-992 Fy= 50 KSI
STEEL: TUBE ASTM A-500 Gr. B Fy=46 KSI
STEEL: MISCELLANEOUS ASTM A-36 Fy=36 KSI

CONCRETE:
FLOORS: f'c=3,000 psi @28 DAYS 1" STONE
FOUNDATIONS: f'c=3,000 psi @28 DAYS 1½" STONE
EXPOSED: f'c=3,000 psi @28 DAYS AIR ENTRAINED 5-7%

REINFORCING: ASTM A615 Fy=60 KSI
MASONRY: f'm=1350 psi RUNNING BOND

EGRESS
1. EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. EXITS SIGNS SHALL BE ILLUMINATED.
2. THE SYMBOL TO DENOTE AN EXIT SIGN LOCATION IS THAT OF A CIRCLE CONTAINS AN "X".
3. THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED.
4. STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE. HANDRAIL HEIGHT, MEASURED ABOVE STAIR TREAD NOSING, SHALL BE UNIFORM, NOT LESS THAN 34" AND NOT MORE THAN 38".

FIRE EXTINGUISHING
PORTABLE FIRE EXTINGUISHERS SHALL BE SELECTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH IFC 906 AND NFPA 10. FOR OCCUPANCIES OF ORDINARY HAZARD THE MAX. TRAVEL DISTANCE TO A FIRE EXTINGUISHER IS 75'.

RESTROOMS
1. FLOORS SHALL HAVE A SMOOTH, HARD NONABSORBENT SURFACE THAT EXTENDS UPWARD ONTO THE WALLS AT LEAST 6" U.N.O.
2. WALLS WITHIN 2' OF URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF 4' ABOVE THE FLOOR
3. AT LEAST ONE OF EACH TYPE OF FIXTURE, ELEMENT, CONTROL OR DISPENSER IN EACH ACCESSIBLE TOILET ROOM AND BATHING FACILITY SHALL BE ACCESSIBLE.
4. DOORS TO UNISEX TOILET ROOM SHALL HAVE A PRIVACY LOCK.

IBC 2902.1 DRINKING FACILITIES ARE REQUIRED BASED OF THE TYPE OF OCCUPANCY AND IN THE MINIMUM NUMBER SHOWN IN TABLE 2902.1. DRINKING FOUNTAINS MAY BE OMITTED WHERE OTHER ACCEPTABLE ARRANGEMENTS ARE MADE TO PROVIDE DRINKING WATER. ACCEPTABLE ARRANGEMENTS INCLUDE PROVIDING BOTTLED-WATER COOLERS, PROVIDING A SINK WITH CUPS IN BREAK ROOMS, OR PROVIDING FREE DRINKING WATER DEVICES AT RESTAURANTS. IT IS NOT ACCEPTABLE TO PROVIDE DRINKING WATER INSIDE RESTROOMS OR SERVICE CLOSETS.

NOTE:
IBC 1209.1 PROVIDE TOILET AND BATHING ROOM FLOORS WITH A SMOOTH, HARD, NONABSORBENT SURFACE EXTENDING A MINIMUM OF 6 INCHES ALONG THE WALL.

IBC 1209.2 PROVIDE TOILET AND BATH ROOM WALLS WITHIN 2 FT OF A URINAL OR TOILET WITH A SMOOTH, HARD, NONABSORBENT SURFACE THAT EXTENDS TO A HEIGHT OF AT LEAST 4 FT.

#15158
KELLEY STEVENS
STURGEON BAY, WI

DATE: 06-05-16
FILE: -
JOB NO: -

BADGERLAND BUILDINGS, INC.
W5320 CTY. RD. A
BLACK CREEK, WI 54106
PHONE: 920-560-5500
FAX: 920-560-5501

A2

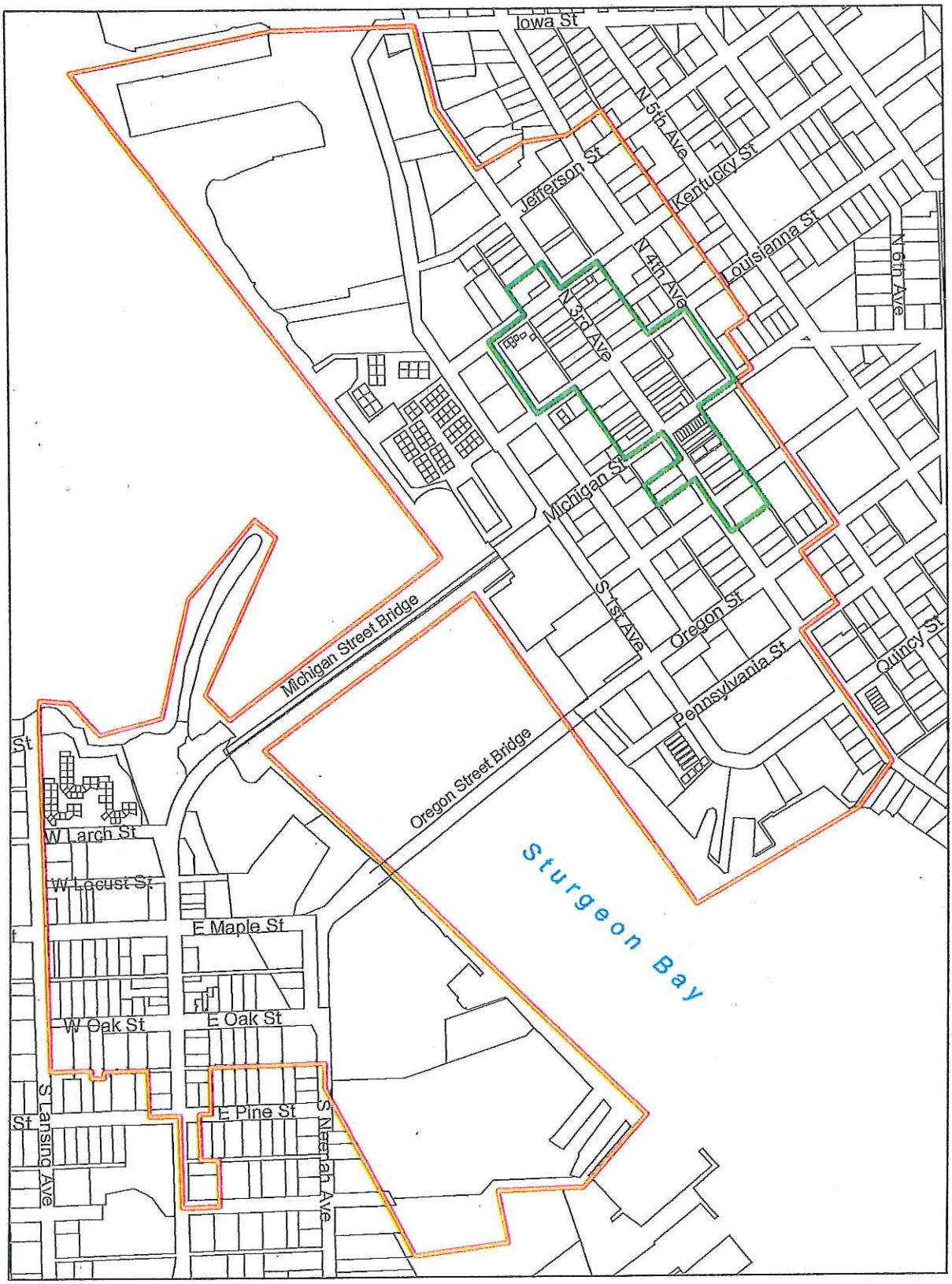
7

MEMO

To: Aesthetic Design and Site Plan Review Board
From: Martin Olejniczak, Community Development Director MO.
Date: July 7, 2016
Subject: Waterfront Design Review Code

Currently there are four different design review codes and districts serving different parts of the city. These include the Historic Preservation District, Waterfront Redevelopment District, Industrial Park, and the overall city under the Aesthetic Design and Site Plan Review Code. There has been previous consideration to combining some of the design districts/code to streamline the review process. This topic has arisen again due to two vacancies on the Waterfront Design Review Board and a third member who may no longer be eligible. Thus, staff would like to discuss with the ADSPRB the pros and cons of eliminating the Waterfront Design Review Code and having the projects within the Waterfront Redevelopment District be handled through the ADSPRB.

Waterfront Redevelopment District & 3rd Avenue Historic District



Map printed August 10, 2010

Waterfront Redevelopment District

3rd Ave Historic District