



H U X L E Y

— HEART OF THE PRAIRIE —

PLANNING & ZONING COMMISSION MEETING

**HUXLEY CITY HALL – COUNCIL CHAMBERS – 515 N. MAIN AVENUE
MONDAY MARCH 16, 2020
6:00 P.M.**

AGENDA

- 1. Roll Call**
- 2. Motion to approve the minutes from September 12, 2019**
- 3. Public Comments (5-minute limit for items not on this agenda)**
- 4. Business Items**
 - a. Site Plan review DSI Huxley, Huxley Industrial Park**
- 5. Informational Items**
 - a. 2019 Comprehensive Plan Update**
 - b. FY 20/21 Operating Budget and Capital Improvement Program (CIP)**
 - c. Trails and Sidewalk Infill Draft Master Plan**
 - d. Commercial and Residential Zoning Districts Alcohol Sales**
- 6. City Administrator Communications**
- 7. Planning and Zoning Commission Comments**
- 8. Adjournment**

For more information on this and other agenda items, please call the City Clerk's Office at 515-597-2561 or visit the Clerk's Office, City Administration Building at 515 N. Main Ave. Agendas are available to the public at the City Clerk's Office on Friday morning preceding Monday's Planning & Zoning Commission meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email.



Planning and Zoning Commission Minutes

September 12, 2019

Council Chambers

7:30 A.M.

1.0) CALL TO ORDER AND ROLL CALL:

Chairman Roger Bierbaum called the P&Z Meeting to order at 7:31 AM. P&Z members present:

Roger Bierbaum	☒	Larry Wilson	☐
Cheryl Patterson	☒	Joe Scott	☐
Mike Schonhorst	☐	Nate Easter	☒
Gordon Mosher	☒		

Staff present: John Haldeman-Zoning Administrator

Amy Kaplan-Zoning Clerk

Consultants present: None

Guests present: None

COMMISSION AGENDA ITEMS:

2.0) MOTION TO APPROVE THE MINUTES FROM THE FOLLOWING MEETING:

2.1) **JULY 29, 2019 REGULAR MEETING** - Motion by Mosher and seconded by Easter to approve minutes. Roll was taken. 4 AYE. 0 NAY.

3.0) PUBLIC HEARING: None

4.0) DISCUSSION AND RECOMMENDATION ITEMS:

4.01) DISCUSSION AND POSSIBLE COMMENTS ON URBAN RENEWAL AMENDMENT FOR KUM AND GO PROJECT:

John explained to the commission that the Kum and Go project meets the criteria of an Urban Renewal Area. Brief discussion took place. Motion by Easter, seconded by Patterson to recommend approval to City Council. Roll was taken. 4 AYE. 0 NAY.

5.0) MISCELLANEOUS COMMENTS:

- John Haldeman announced his retirement in December 2019.
- Sidewalks: The City is requiring sidewalks to be installed. Waivers will no longer be issued.

- Bierbaum inquired about the 2020 Census and what would be different if the population of Huxley was over 5,000 people. John indicated that additional water and sewer reporting would have to be done and that more grant opportunities would be available.
- Mosher asked Haldeman if he was interested in being on the Planning & Zoning Commission once he retires. John indicated that he would consider being a member.

6.0) ADJOURNMENT – Motion by Mosher to adjourn at 7:41 AM, seconded by Easter. 4 AYE.
0 NAY.

Amy Kaplan, Zoning Clerk

Roger Bierbaum, Chairman

Date of Approval

Staff Report

PLANNING & ZONING COMMISSION COMMUNICATION

AGENDA HEADING:

DSI Huxley Site Plan, Huxley Development Park

SYNOPSIS:

DSI Properties Iowa, LLC (Diamond Surface Inc, 15292 40th Avenue North, Plymouth MN 55446) has submitted materials for City of Huxley review for the construction of a 7,716 SF single story warehouse/office space at the intersection of Campus Drive and S. Main Ave. The project will add new taxable valuation, investment and activity to the Huxley Development Park. Project initiation is estimated for Spring 2020 and completion by Fall/Winter 2020.

Additional information is below and in the attachments.

ADDITIONAL INFORMATION:

- Staff has worked with Veenstra & Kimm, Inc. to review the submitted materials
- Comments were provided to Shive Hattery Wednesday March 11, 2020
- Correspondence has been received from Shive Hattery in response to the comments and has been reviewed by staff and V & K,
- Staff is recommending conditional approval of the DSI site plan based on receipt of an updated submittal that reflects the responses to comments letter.

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

- March 24, 2020 City Council review of Planning & Zoning Commission recommendation
- Issuance of building permit, construction of the project, and issuance of occupancy permit.

Site Plan

DIAMOND SURFACE SHOP & OFFICE BUILDING

HUXLEY, IOWA 50124



HENNING
HENNING COMPANIES, LLC
502 S. MAIN STREET, SUITE 201
JOHNSON, IA 50131
PH: (515) 254-0001 | F: (515) 254-0002
www.henning.com

RAINS ARCHITECTURE
ARCHITECTS
1001 WEST 14TH AVENUE, SUITE 100
JOHNSON, IA 50131
PH: (515) 254-0001 | F: (515) 254-0002
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REAKER RHODES
Engineering
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www.henning.com

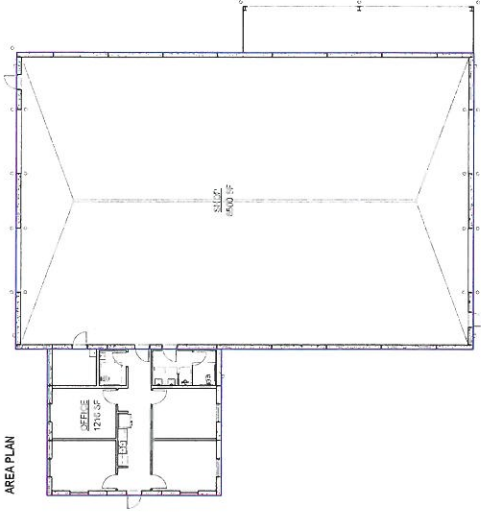
PROJECT TEAM

OWNER
DIAMOND SURFACE, LLC
1001 WEST 14TH AVENUE, SUITE 100
JOHNSON, IA 50131
PH: (515) 254-0001 | F: (515) 254-0002
www.henning.com

ARCHITECT
RAINS ARCHITECTURE
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ENGINEER
REAKER RHODES
1001 WEST 14TH AVENUE, SUITE 100
JOHNSON, IA 50131
PH: (515) 254-0001 | F: (515) 254-0002
www.henning.com

AREA PLAN





JEFF P. RAINS
Professional Engineer
No. 16000
Exp. 12/31/2024
State of Iowa

SHEET INDEX

- GENERAL
- ARCHITECTURAL
- MECHANICAL
- ELECTRICAL
- PLUMBING
- STRUCTURAL
- FOUNDATION
- DETAILS
- MECHANICAL, PLUMBING & ELECTRICAL
- SEPARATE COVER

VICINITY MAP



GENERAL NOTES

1. THE FOLLOWING NOTES ARE TO BE READ IN CONJUNCTION WITH THE DRAWINGS AND SPECIFICATIONS.
2. THE DRAWINGS AND SPECIFICATIONS ARE THE SOLE BASIS FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.
3. THE OWNER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE AND BONDING.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY UTILITIES INFORMATION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ACCESS AND EGRESS INFORMATION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY SITE INFORMATION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJACENT PROPERTY INFORMATION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJACENT UTILITY INFORMATION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJACENT EGRESS INFORMATION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJACENT SITE INFORMATION.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJACENT UTILITY INFORMATION.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJACENT EGRESS INFORMATION.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJACENT SITE INFORMATION.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJACENT UTILITY INFORMATION.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJACENT EGRESS INFORMATION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJACENT SITE INFORMATION.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJACENT UTILITY INFORMATION.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJACENT EGRESS INFORMATION.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ADJACENT SITE INFORMATION.

DSI Shop & Office

5 Main Street
Huxley, IA

Diamond Surface Inc.

2020-02-16 -- FOR PERMIT & CONSTRUCTION

Rev	Issued
1	10/1/19
2	10/1/19
3	10/1/19
4	10/1/19
5	10/1/19
6	10/1/19
7	10/1/19
8	10/1/19
9	10/1/19
10	10/1/19

ISSUE 10/1/19 PROJ. NO. 16000
CONTRACT CODE SUMMARY

G1

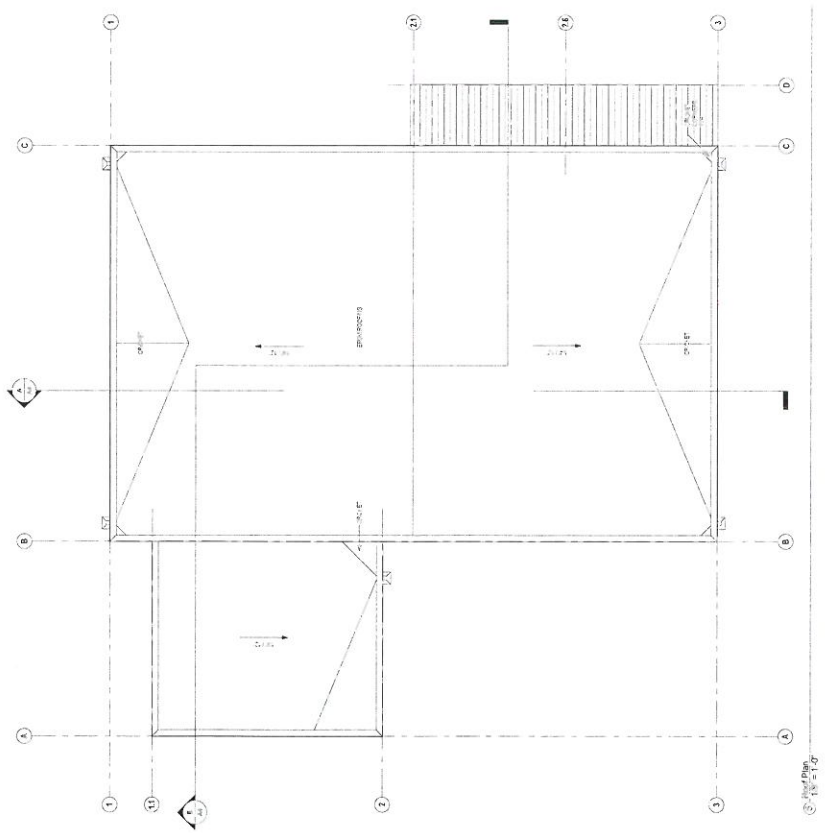
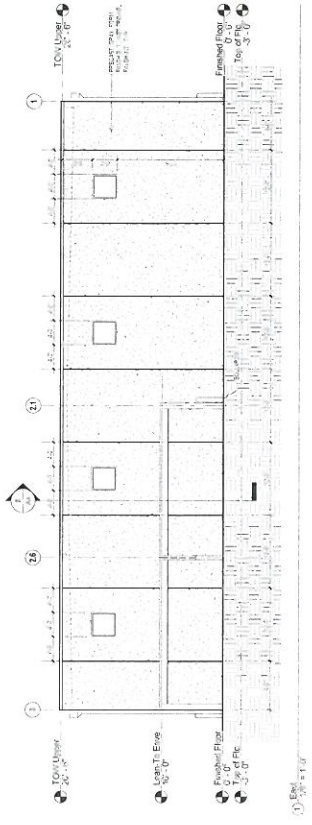
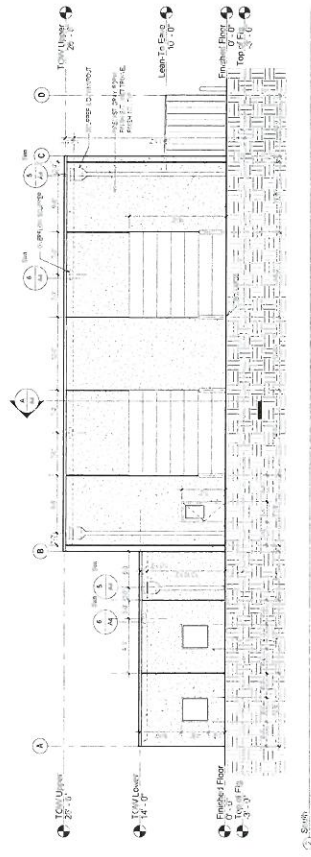
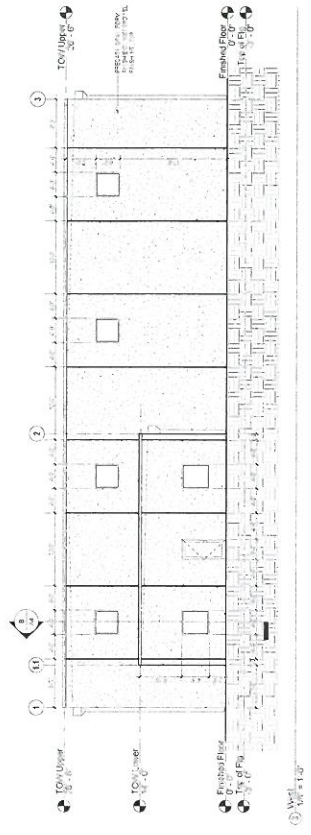
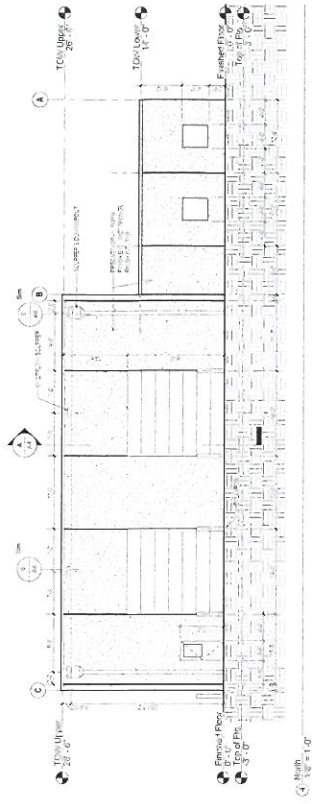
Level 1-Reflected Ceiling Plan



HENNING COMPANIES, LLC
500 WEST 10TH STREET, SUITE 100
MINNEAPOLIS, MN 55401
PH 612.338.0111 FAX 612.338.0142
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www.rains-architect.com

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Engineering
1000 W. LUTHER LUTHER DRIVE, SUITE 200
MINNEAPOLIS, MN 55401
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www.rebaker-rhodes.com



DSI Shop & Office
Main Street
Haley, IA

Diamond Surface Inc.

Revisions

ISSUE: 01/13/20 PROJ: 84-1002
EXTENSION: 1002-1002

A2

2020-02-16 -- FOR PERMIT & CONSTRUCTION



RAINS ARCHITECTURE
3023 2011 ST. URBANVILLE, IOWA 50322
515.271.0006
info@rainsarch.com

RE RAKER RHODES
Engineering

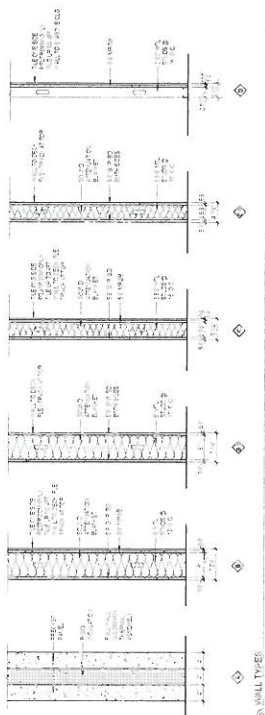
CSI Shop & Office
65 Main Street
Duxley, IA

Diamond Surface Inc.

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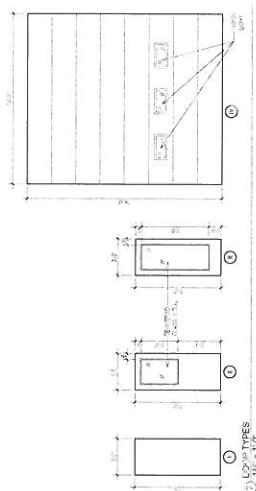
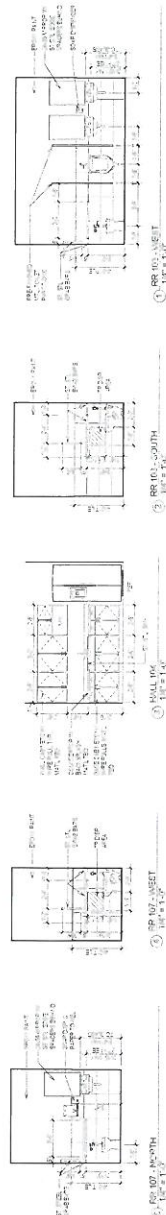
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2020-02-16 -- FOR PERMIT & CONSTRUCTION



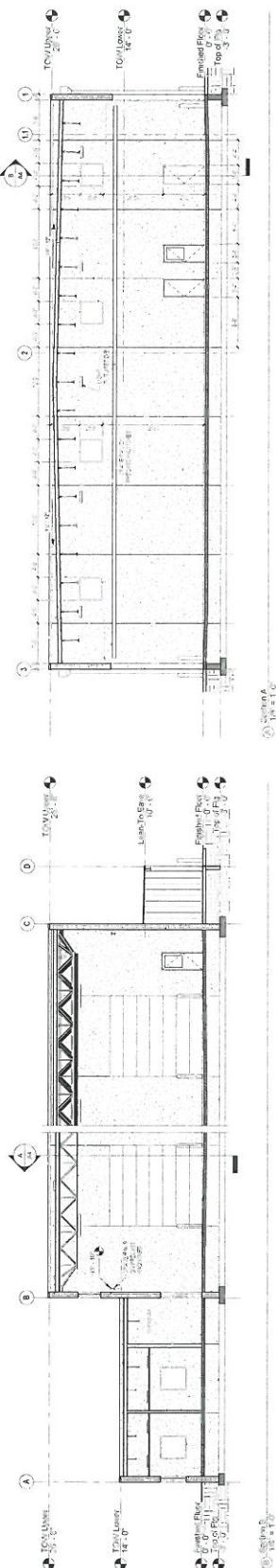
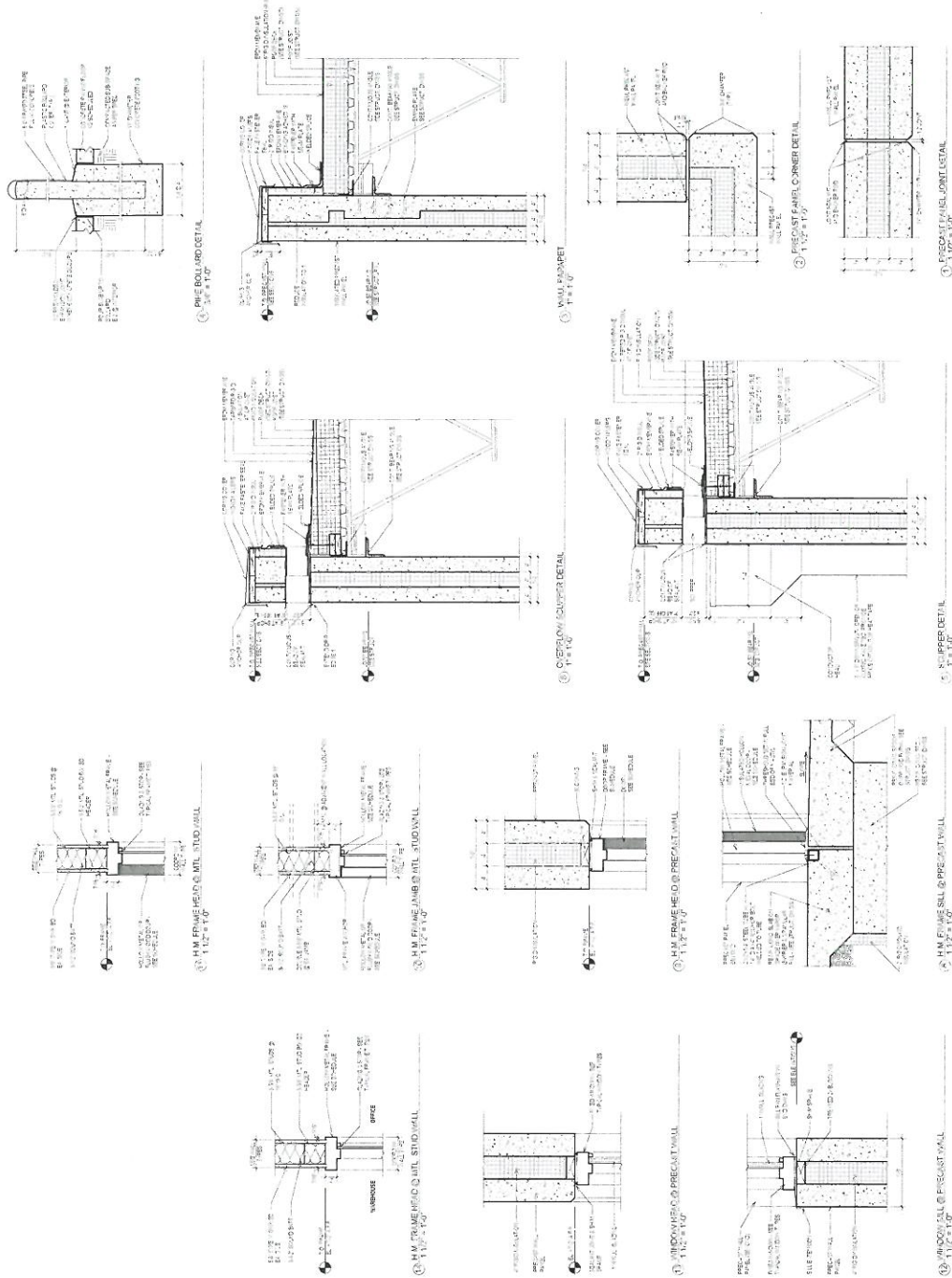
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				PREY	TIME	WATER					
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2	34° 15' N	121° 05' W	100	10	10	10	10	10	10	10	10
3	34° 15' N	121° 05' W	100	10	10	10	10	10	10	10	10
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8	34° 15' N	121° 05' W	100	10	10	10	10	10	10	10	10
9	34° 15' N	121° 05' W	100	10	10	10	10	10	10	10	10
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11	34° 15' N	121° 05' W	100	10	10	10	10	10	10	10	10
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34	34° 15' N	121° 05' W	100	10	10	10					

REFERENCE CELL
1. 100% (100%)
2. 50% (50%)
3. 25% (25%)
4. 12.5% (12.5%)
5. 6.25% (6.25%)
6. 3.125% (3.125%)
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89. 3.23

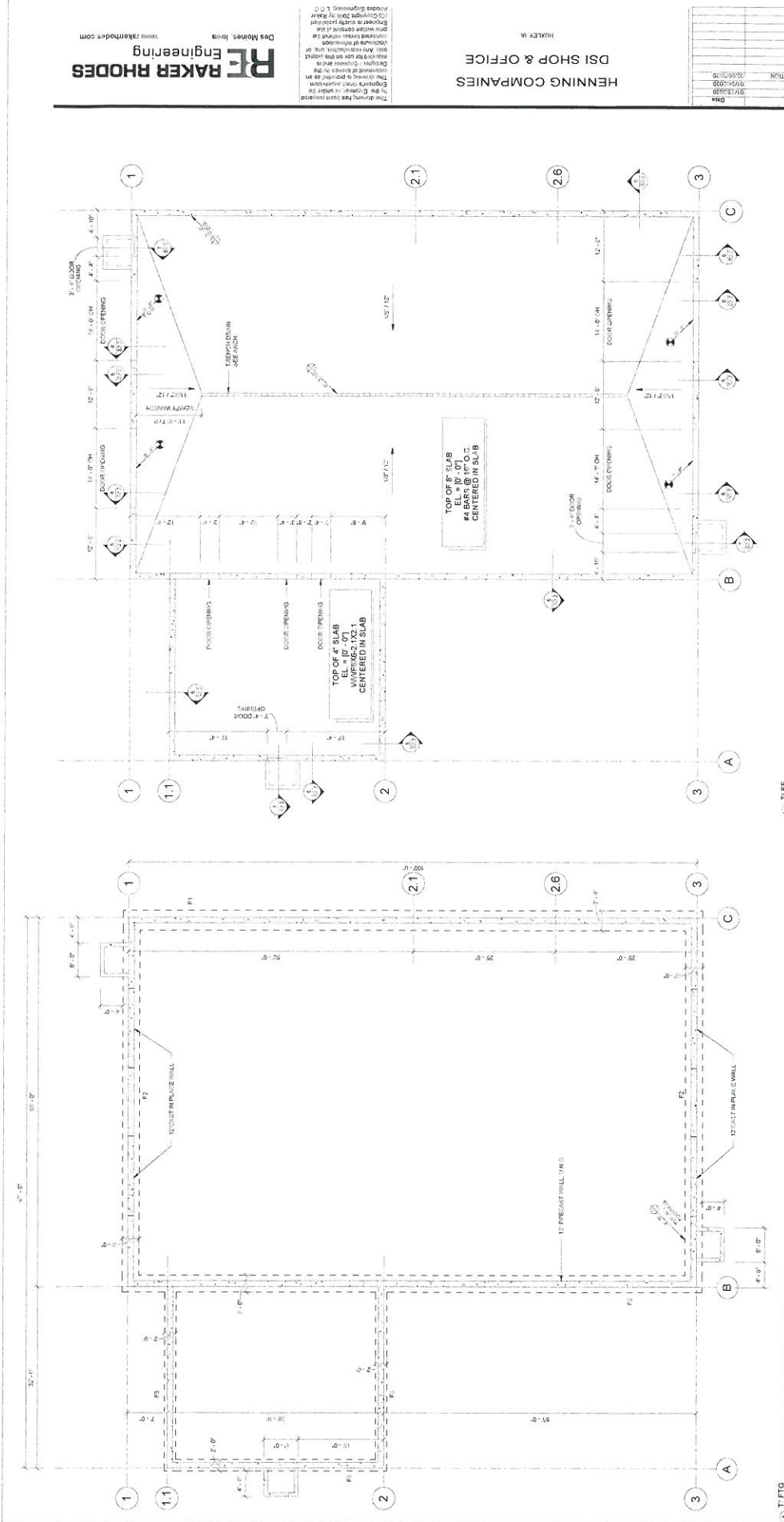
[illegible][illegible]

[illegible]

2020-02-16 -- FOR PERMIT & CONSTRUCTION



[illegible][illegible][illegible]



NOTE: PRELIMINARY COORDINATE ALL DOOR, WINDOW, AND PARTITION LOCATIONS.

MARK	DIMENSIONS	REINFORCEMENT	NOTES
F1	12' 0" x 12' 0"	#4 @ 16" O.C. TOP AND BOTTOM	
F2	12' 0" x 12' 0"	#4 @ 16" O.C. TOP AND BOTTOM	
F3	12' 0" x 12' 0"	#4 @ 16" O.C. TOP AND BOTTOM	

FOUNDATION SYMBOL KEY
1. WALL CENTER
2. WALL EDGE
3. TRIM CENTER
4. TRIM EDGE
5. TRIM CENTER
6. TRIM EDGE
7. TRIM CENTER
8. TRIM EDGE
9. TRIM CENTER
10. TRIM EDGE



RE RAKER RHODES
Engineering
Des Moines, Iowa
www.rakerrhodes.com

DESIGNED BY: Ryan A. Macomber
CHECKED BY: Ryan A. Macomber
DATE: 07/13/2020
PROJECT: DSI SHOP & OFFICE
SHEET NO. 1 OF 1

HENNING COMPANIES
DSI SHOP & OFFICE
HUXLEY, IA

NO.	DESCRIPTION	DATE
1	FOUNDATION PLAN	07/13/2020
2	FOUNDATION PLAN	07/13/2020
3	FOUNDATION PLAN	07/13/2020
4	FOUNDATION PLAN	07/13/2020
5	FOUNDATION PLAN	07/13/2020
6	FOUNDATION PLAN	07/13/2020
7	FOUNDATION PLAN	07/13/2020
8	FOUNDATION PLAN	07/13/2020
9	FOUNDATION PLAN	07/13/2020
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19	FOUNDATION PLAN	07/13/2020
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99	FOUNDATION PLAN	07/13/2020
100	FOUNDATION PLAN	07/13/2020

S1.1

FOUNDATION PLAN

Sheet No.

Job No.

Project No.

Drawn By

Checked By

Scale

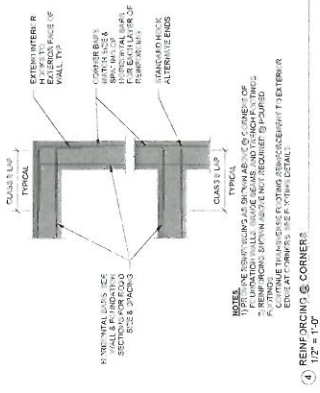
Date

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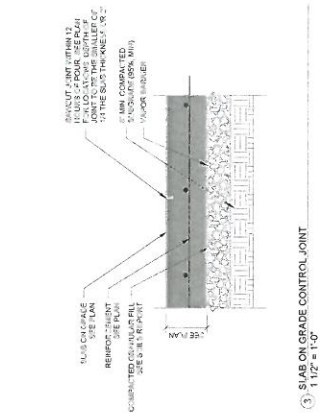
No.	Description	Date
1	PRELIMINARY	01/22/2020
2	REVISED	01/22/2020
3	REVISED	01/22/2020
4	REVISED	01/22/2020
5	REVISED	01/22/2020
6	REVISED	01/22/2020
7	REVISED	01/22/2020
8	REVISED	01/22/2020
9	REVISED	01/22/2020
10	REVISED	01/22/2020

FOUNDATION
DETAILS

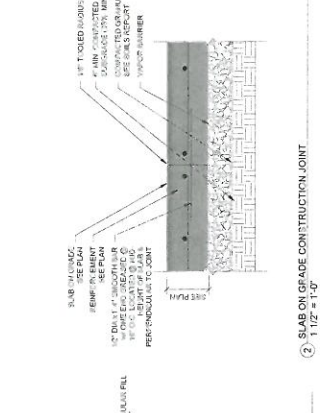
Sheet No. **S2.2**



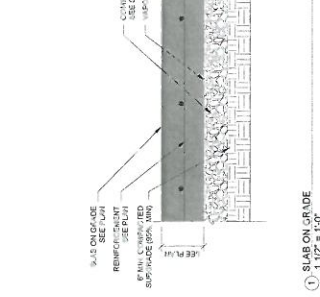
1 REINFORCING @ CORNER
1 1/2" = 1'-0"



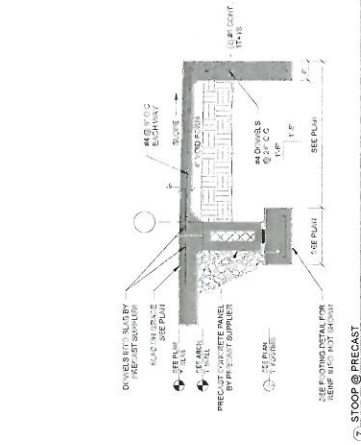
2 SLAB ON GRADE CONSTRUCTION JOINT
1 1/2" = 1'-0"



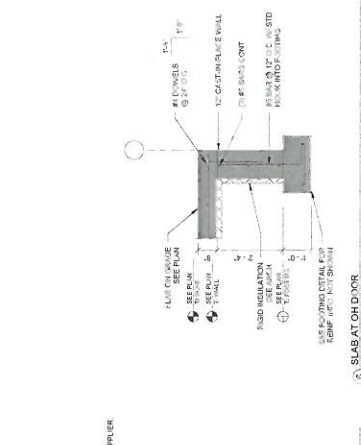
3 SLAB ON GRADE CONTROL JOINT
1 1/2" = 1'-0"



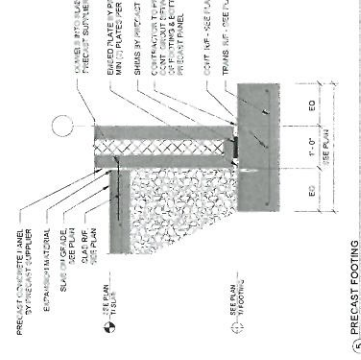
4 PRECAST FOOTING
3/4" = 1'-0"



5 SLAB AT OH-D-X-R
1 1/2" = 1'-0"



6 STOOP @ PRECAST
1 1/2" = 1'-0"

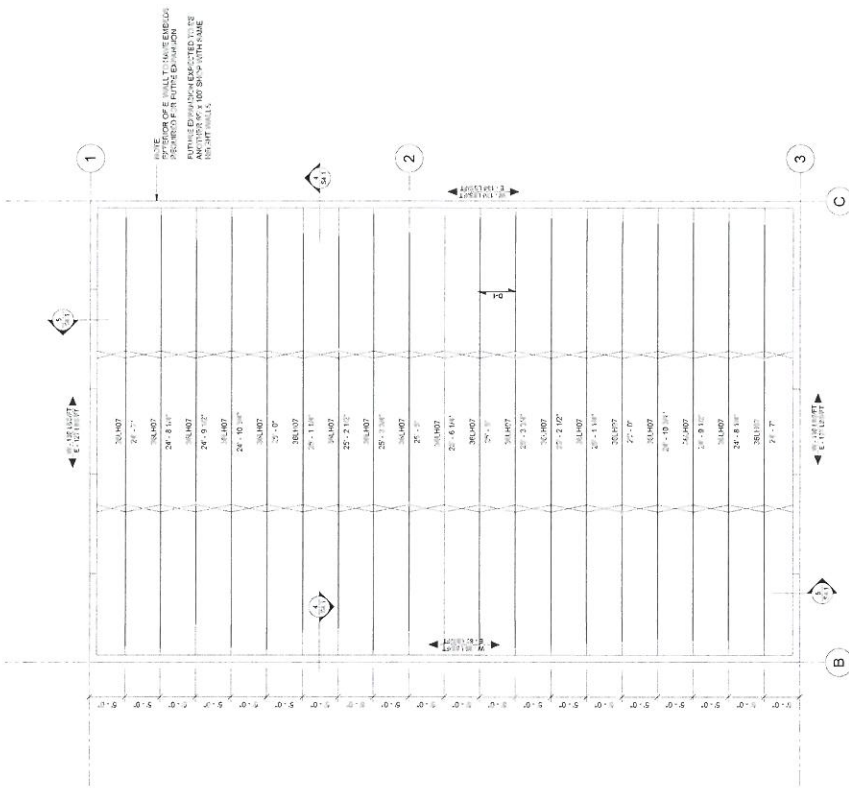


7 STOOP @ PRECAST
1 1/2" = 1'-0"

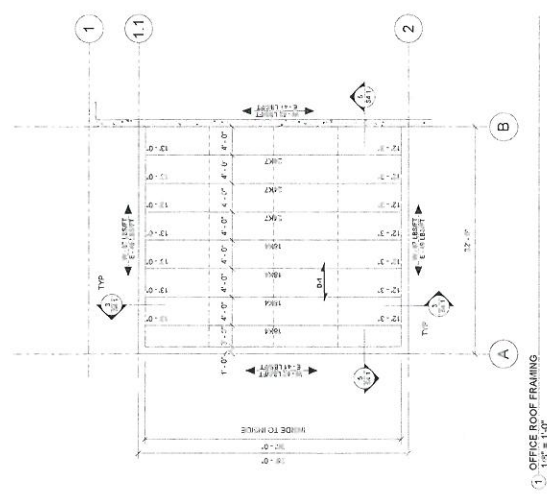
Rev	Description	Date
1	FOR CONSTRUCTION	10/11/2020
2	FOR CONSTRUCTION	10/11/2020
3	FOR CONSTRUCTION	10/11/2020
4	FOR CONSTRUCTION	10/11/2020
5	FOR CONSTRUCTION	10/11/2020
6	FOR CONSTRUCTION	10/11/2020
7	FOR CONSTRUCTION	10/11/2020
8	FOR CONSTRUCTION	10/11/2020
9	FOR CONSTRUCTION	10/11/2020
10	FOR CONSTRUCTION	10/11/2020

Project No. 1702010
Sheet Title: ROOF FRAMING PLAN
Scale: 1/8" = 1'-0"

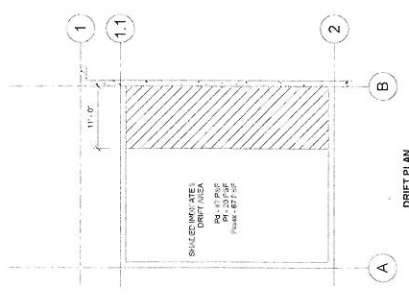
S3.1



2 MAIN ROOF FRAMING
1/8" = 1'-0"



1 OFFICE ROOF FRAMING
1/8" = 1'-0"

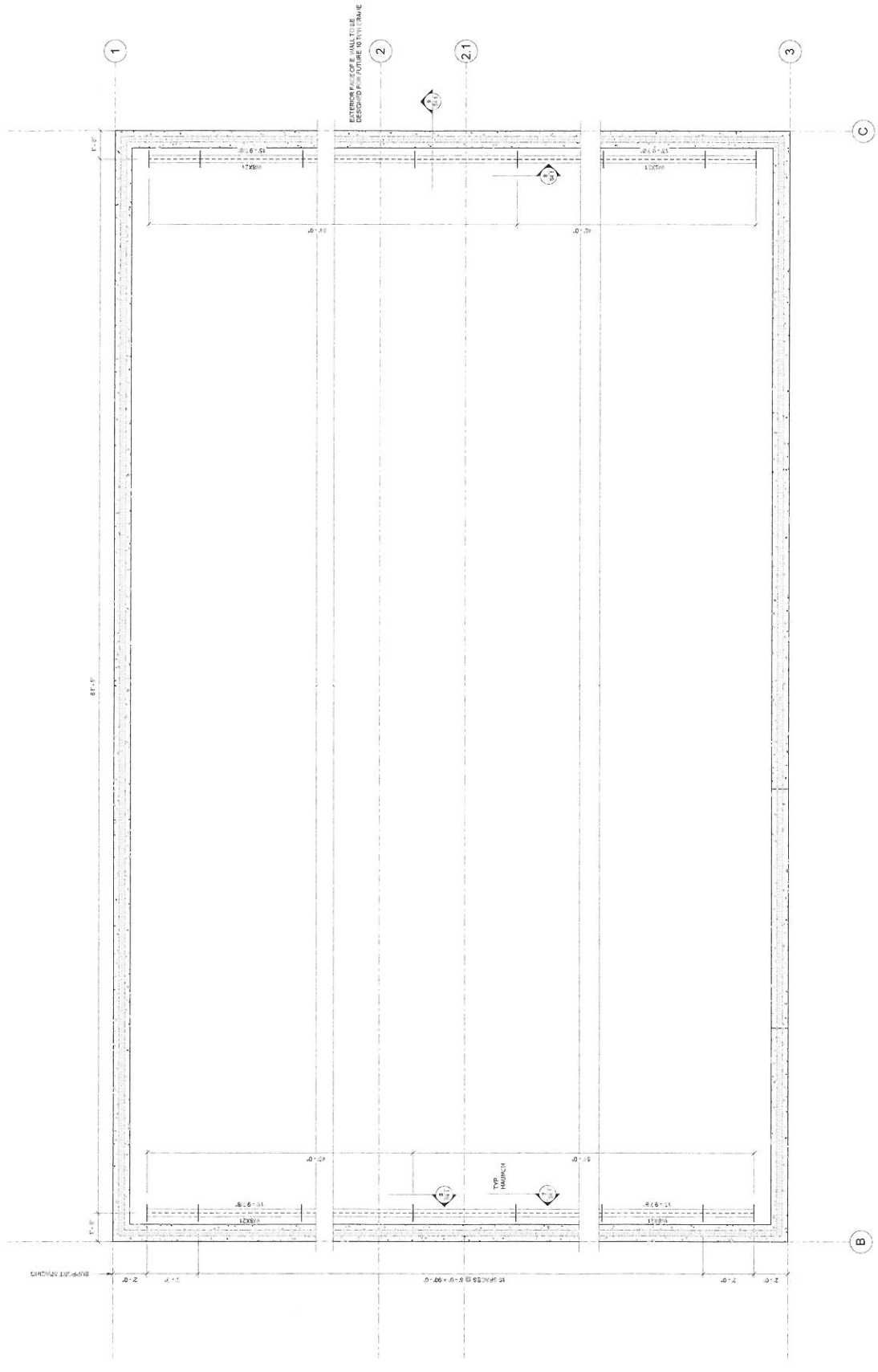


DRIFT PLAN

MARK	TYPE	DETAILS	NOTES
1	1/8" = 1'-0"	SEE 01 TO 05 FOR DETAILS	

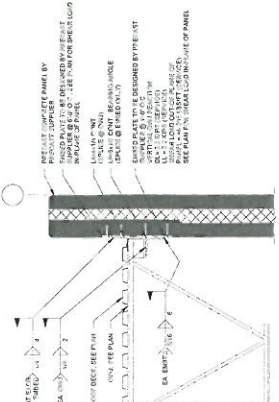
NOTES:
1. ALL DIMENSIONS ARE IN FEET AND INCHES.
2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
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No	Proj. Mgr.	Date	Description	Amount
1		01/27/2020	RECEIVED FROM CONSTRUCTION	
2		01/27/2020		
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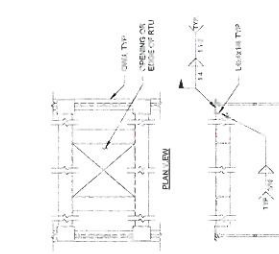


① T/RUNWAY
3'5' = 1'-0"

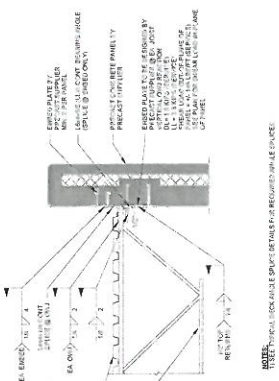
No.	Description	Quantity	Unit	Price	Total
1	PRECAST CONCRETE PANEL	10	SF	12.00	120.00
2	PRECAST CONCRETE PANEL	10	SF	12.00	120.00
3	PRECAST CONCRETE PANEL	10	SF	12.00	120.00
4	PRECAST CONCRETE PANEL	10	SF	12.00	120.00
5	PRECAST CONCRETE PANEL	10	SF	12.00	120.00
6	PRECAST CONCRETE PANEL	10	SF	12.00	120.00
7	PRECAST CONCRETE PANEL	10	SF	12.00	120.00
8	PRECAST CONCRETE PANEL	10	SF	12.00	120.00
9	PRECAST CONCRETE PANEL	10	SF	12.00	120.00
10	PRECAST CONCRETE PANEL	10	SF	12.00	120.00



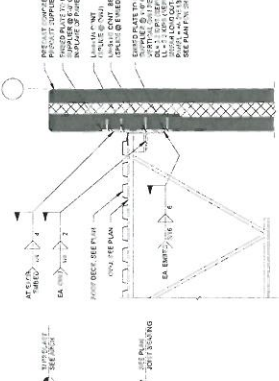
1 POINT LOADING @ O.W.U. DETAIL
1 1/2" x 1'-0"



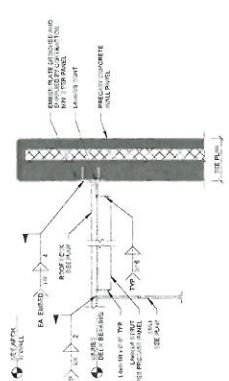
2 WELDED ANGLE FRAME @ JOINT DETAIL
3/4" x 1'-0"



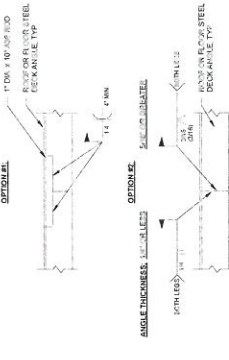
3 K-SERIES JOIST BEARING DETAIL PRECAST WALL
5/8" x 1'-0"



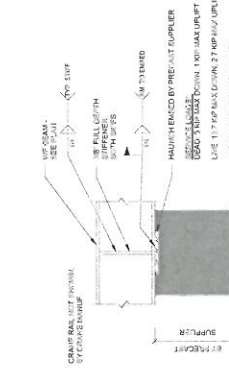
4 LH JOINT BEARING DETAIL @ PRECAST WALL
3/4" x 1'-0"



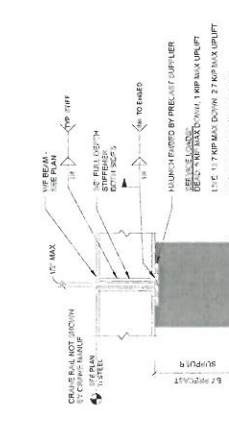
5 ROOF DECK TO PRECAST WALL
3/4" x 1'-0"



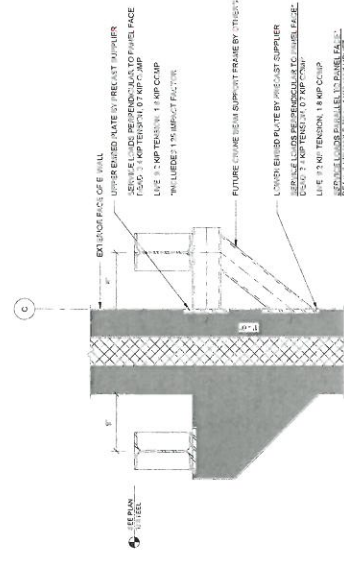
6 TYPICAL DECK ANGLE SPICE DETAILS
1 1/2" x 1'-0"



7 TYP. HAUNCH DETAIL
1 1/2" x 1'-0"



8 CRANE BEAM BUTT SPICE
1 1/2" x 1'-0"



9 FUTURE CRANE RAIL
1 1/2" x 1'-0"

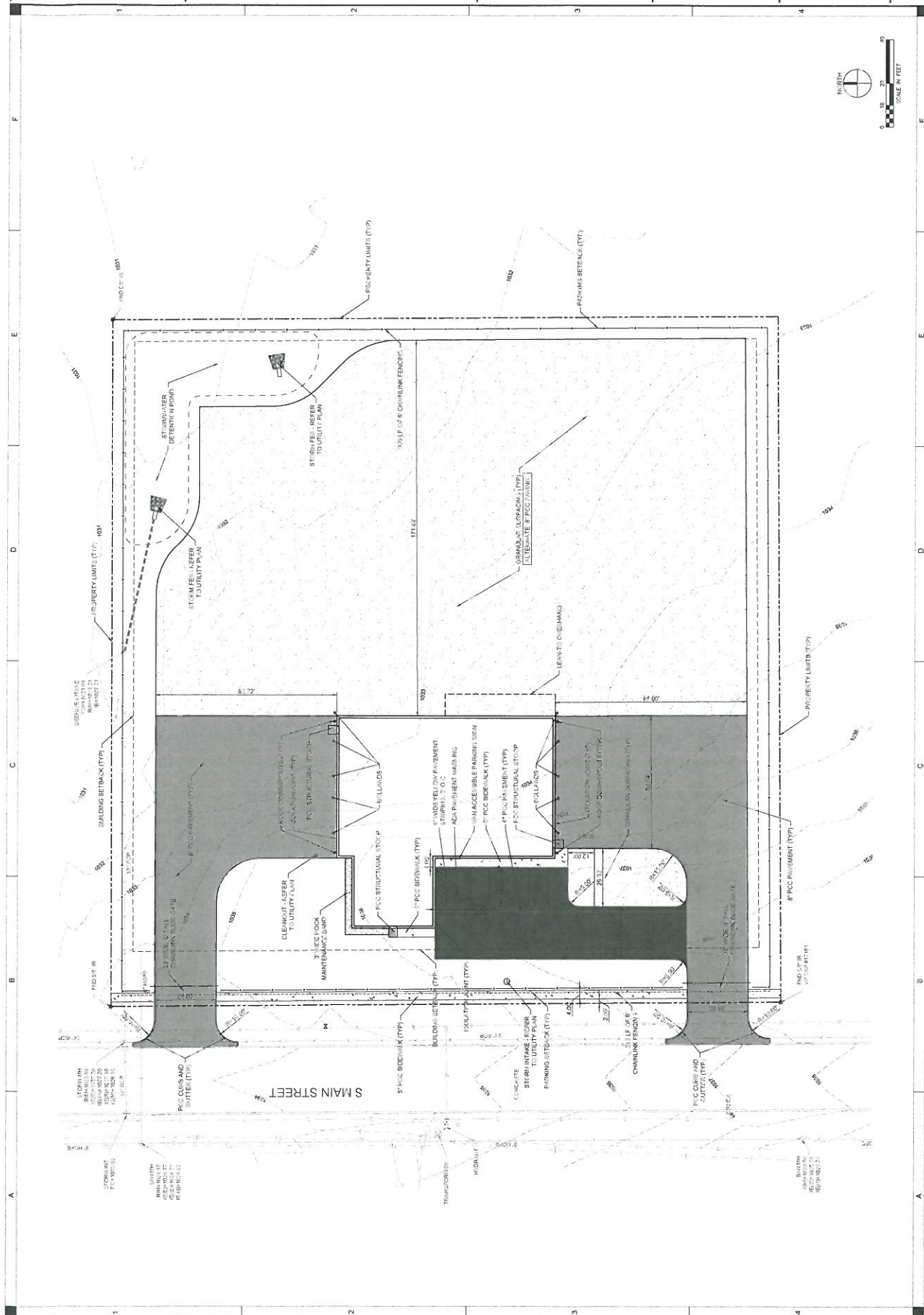
This drawing has been prepared by the Engineer or under the supervision of the Engineer. It is the responsibility of the Engineer to ensure that the drawing is in accordance with the specifications and to provide a complete and accurate drawing. The drawing is not to be used for any other purpose without the written consent of the Engineer. The drawing is not to be used for any other purpose without the written consent of the Engineer. The drawing is not to be used for any other purpose without the written consent of the Engineer.

Architectural Materials

PRELIMINARY
- NOT FOR
CONSTRUCTION

DSI HUXLEY
HENNING COMPANIES
S MAIN AVE, HUXLEY, IA 50124

SHIVEHATTERY
ARCHITECTURE+ENGINEERING
4125 Westloch Pkwy, Suite 100 | West Falm (Ipswich, Iowa 50640)
515.221.8104 | www.shivehattery.com
(509) | (800) | (Ipswich)

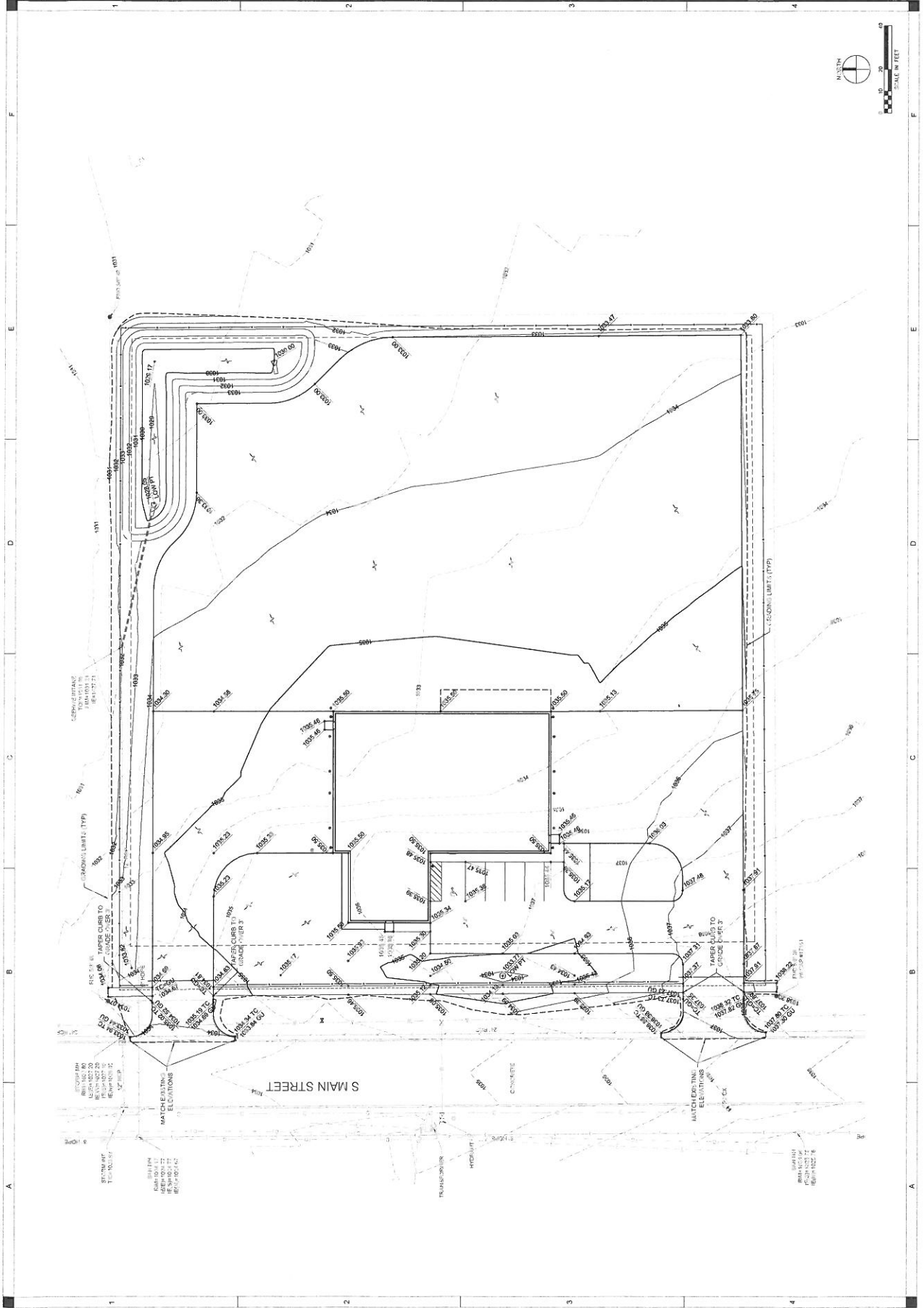
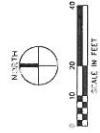


DESIGNER	JKW
APPROVED	BMS
DATE	03/14/2020
PROJECT NO.	19000
FIELD BOOK	
CLIENT NO.	

PRELIMINARY
- NOT FOR
CONSTRUCTION

DSI HUXLEY
HENNING COMPANIES
5 MAIN AVE, HUXLEY, IA 50124

SHIVEHARTERY
ARCHITECTURE+ENGINEERING
4125 18th Ave, Suite 100, Des Moines, IA 50319
515.281.1011
www.shivehartery.com

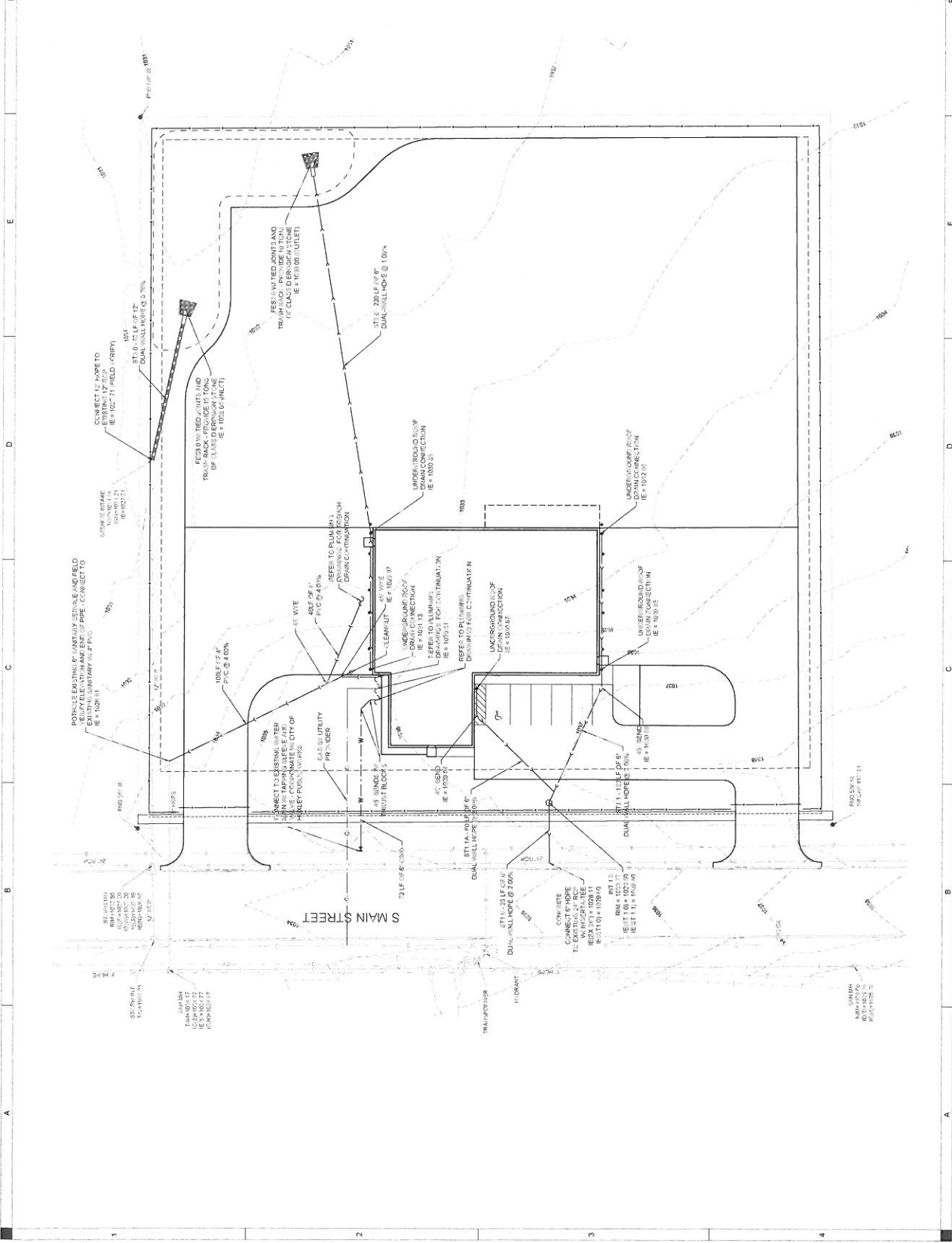
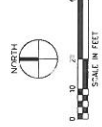


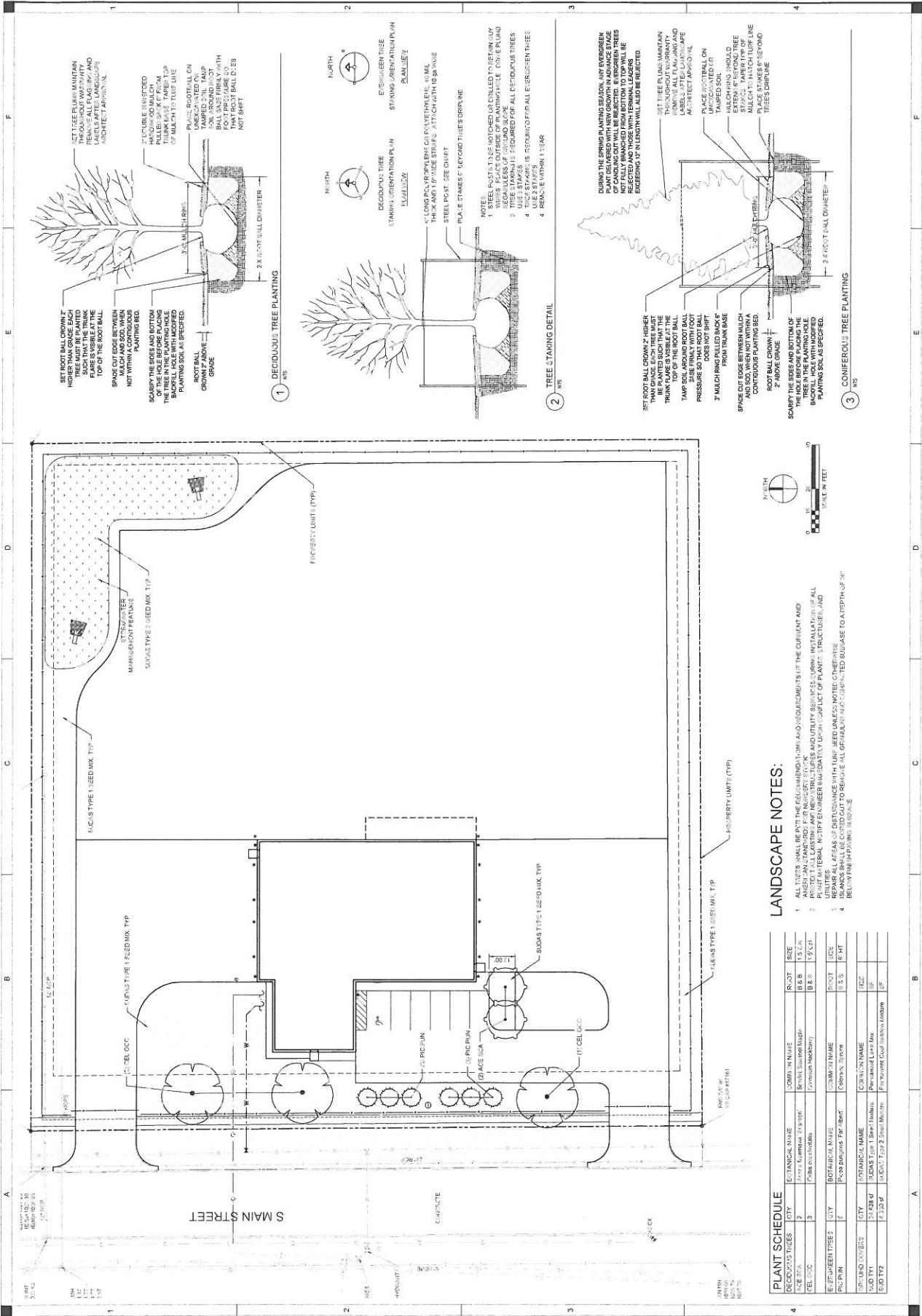
CLIENT NO.	11
PROJECT NO.	110000
DATE	01/04/2020
APPROVED FOR CITY REVIEW	
APPROVED BY	BMS
DRAWN BY	RBM

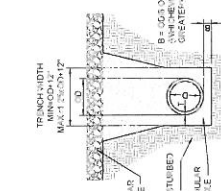
PRELIMINARY
- NOT FOR
CONSTRUCTION

DSI HUXLEY
HENNING COMPANIES
5 MAIN AVE, HUXLEY, IA 50124

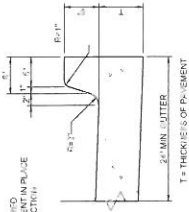
SHIVEHATTERY
ARCHITECTURE+ENGINEERING
512 223 8104
5125 Kirtland Drive, Suite 200, Ames, IA 50010



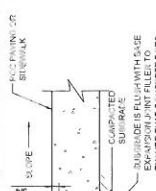



RIGID PIPE EXCAVATION & BEDDING

NOTE: SURFACE SHOULD BE EXCAVATED OR OVER EXCAVATED IF NECESSARY, SO A UNIFORM FOUNDATION FREE OF PROTRUDING BOWKS MAY BE PROVIDED

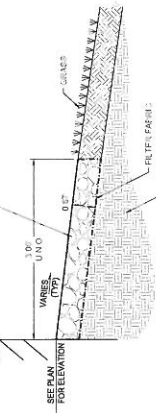


PCC CURB AND GUTTER

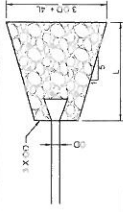


ISOLATION JOINT

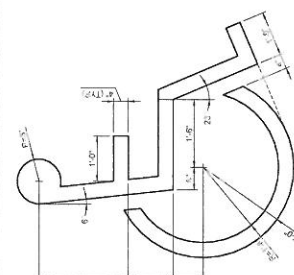
NOTE
ALL PREFORMED JOINT MATERIAL SHALL BE INSTALLED PERPENDICULAR TO THE PAVENT SURFACE AND CARE SHALL BE EXERCISED THROUGHOUT THE



8 GRANULAR MAINTENANCE BAND

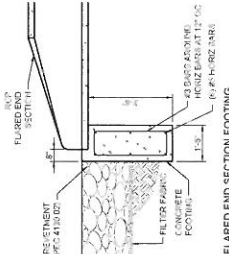


RIP-RAP DETAIL

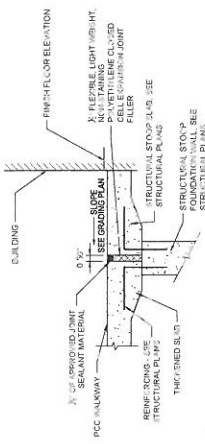


7 HANDICAPPED PARKING SYMBOL

NOTE: SYMBOLS TO BE CENTERED IN PARKING SPACES AND ORIENTED AS ILLUSTRATED ON PLANS

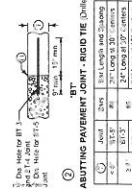


FLARED END SECTION

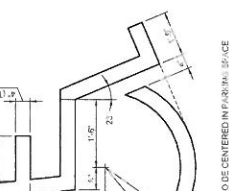
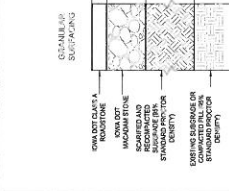
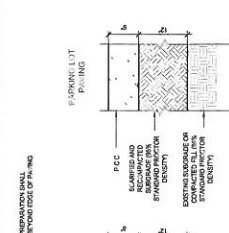
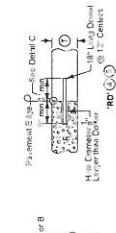


② PCC WALK @ STRUCTURAL STOOP

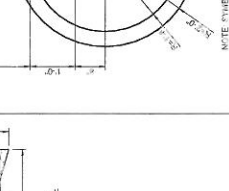
NOTES:
1. CONTRACTOR TO SUBMIT JOINTING PLAN TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.
2. JOINT BAR'S JOINTS TO BE INSTALLED IN JOINT'S PERPENDICULAR TO TRAFFIC FLOW. THE BAR'S JOINTS TO BE INSTALLED ON JOINT'S PARALLEL TO TRAFFIC FLOW.
ALL JOINTS TO BE SEALED



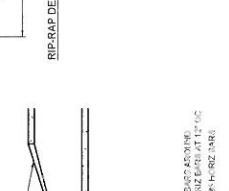
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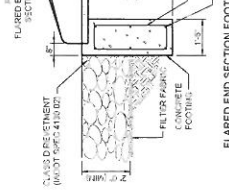


13.2	
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77





1 PAVEMENT AND SURFACING CROSS SECTIONS

PAVEMENT

ING SYMBOL

7 HANDICAP

FLARED EN

5000

SPECIFICATIONS

THE FOLLOWING SPECIFICATIONS SHALL BE USED FOR THE CONSTRUCTION OF THE PROJECT EXCEPT AS NOTED OTHERWISE.

A. CONCRETE PAVING
1. ALL CONCRETE SHALL BE 4000 PSI COMPRESSIVE STRENGTH, 28 DAYS CURE, WITH A MINIMUM OF 10% AIR CONTENT.
2. ALL CONCRETE SHALL BE PLACED AND FINISHED TO THE REQUIRED GRADE AND FINISH.
3. ALL CONCRETE SHALL BE CURED WITH A MINIMUM OF 7 DAYS.
4. ALL CONCRETE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION AND MAINTENANCE.
5. ALL CONCRETE SHALL BE REPAIRED TO THE ORIGINAL CONDITION WITHIN 30 DAYS OF NOTIFICATION.

B. ASPHALT PAVING
1. ALL ASPHALT SHALL BE 1 1/2" THICK, 95% GRADE, WITH A MINIMUM OF 10% AIR CONTENT.
2. ALL ASPHALT SHALL BE PLACED AND FINISHED TO THE REQUIRED GRADE AND FINISH.
3. ALL ASPHALT SHALL BE CURED WITH A MINIMUM OF 7 DAYS.
4. ALL ASPHALT SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION AND MAINTENANCE.
5. ALL ASPHALT SHALL BE REPAIRED TO THE ORIGINAL CONDITION WITHIN 30 DAYS OF NOTIFICATION.

C. FENCE
1. FENCE SHALL BE 4' HIGH, 4" X 4" POSTS, 1/2" X 6" RAILS, AND 1/2" X 6" PICKETS.
2. FENCE SHALL BE SET IN 12" DEEP, 12" DIA. POST HOLES.
3. FENCE SHALL BE SET IN 6" DEEP, 6" DIA. RAIL HOLES.
4. FENCE SHALL BE SET IN 4" DEEP, 4" DIA. PICKET HOLES.
5. FENCE SHALL BE SET IN 2" DEEP, 2" DIA. CORNER HOLES.

D. EROSION CONTROL
1. EROSION CONTROL SHALL BE INSTALLED AT ALL EXPOSED SOIL AREAS.
2. EROSION CONTROL SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
3. EROSION CONTROL SHALL BE REMOVED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION.

E. GRADING
1. GRADING SHALL BE TO THE REQUIRED GRADE AND FINISH.
2. GRADING SHALL BE SET IN 12" DEEP, 12" DIA. POST HOLES.
3. GRADING SHALL BE SET IN 6" DEEP, 6" DIA. RAIL HOLES.
4. GRADING SHALL BE SET IN 4" DEEP, 4" DIA. PICKET HOLES.
5. GRADING SHALL BE SET IN 2" DEEP, 2" DIA. CORNER HOLES.

F. HANDICAPPED PARKING SIGN
1. HANDICAPPED PARKING SIGN SHALL BE 18" X 24" IN SIZE.
2. HANDICAPPED PARKING SIGN SHALL BE 1/2" THICK.
3. HANDICAPPED PARKING SIGN SHALL BE 1/2" DIA. POSTS.

G. SUBDRAIN CLEANOUTS
1. SUBDRAIN CLEANOUTS SHALL BE 18" X 24" IN SIZE.
2. SUBDRAIN CLEANOUTS SHALL BE 1/2" THICK.
3. SUBDRAIN CLEANOUTS SHALL BE 1/2" DIA. POSTS.

H. ROOF DRAIN CONNECTIONS
1. ROOF DRAIN CONNECTIONS SHALL BE 18" X 24" IN SIZE.
2. ROOF DRAIN CONNECTIONS SHALL BE 1/2" THICK.
3. ROOF DRAIN CONNECTIONS SHALL BE 1/2" DIA. POSTS.

I. FENCE DETAIL
1. FENCE DETAIL SHALL BE 18" X 24" IN SIZE.
2. FENCE DETAIL SHALL BE 1/2" THICK.
3. FENCE DETAIL SHALL BE 1/2" DIA. POSTS.

J. ROOF DRAIN CONNECTIONS
1. ROOF DRAIN CONNECTIONS SHALL BE 18" X 24" IN SIZE.
2. ROOF DRAIN CONNECTIONS SHALL BE 1/2" THICK.
3. ROOF DRAIN CONNECTIONS SHALL BE 1/2" DIA. POSTS.

K. FENCE DETAIL
1. FENCE DETAIL SHALL BE 18" X 24" IN SIZE.
2. FENCE DETAIL SHALL BE 1/2" THICK.
3. FENCE DETAIL SHALL BE 1/2" DIA. POSTS.

L. ROOF DRAIN CONNECTIONS
1. ROOF DRAIN CONNECTIONS SHALL BE 18" X 24" IN SIZE.
2. ROOF DRAIN CONNECTIONS SHALL BE 1/2" THICK.
3. ROOF DRAIN CONNECTIONS SHALL BE 1/2" DIA. POSTS.

M. FENCE DETAIL
1. FENCE DETAIL SHALL BE 18" X 24" IN SIZE.
2. FENCE DETAIL SHALL BE 1/2" THICK.
3. FENCE DETAIL SHALL BE 1/2" DIA. POSTS.

N. ROOF DRAIN CONNECTIONS
1. ROOF DRAIN CONNECTIONS SHALL BE 18" X 24" IN SIZE.
2. ROOF DRAIN CONNECTIONS SHALL BE 1/2" THICK.
3. ROOF DRAIN CONNECTIONS SHALL BE 1/2" DIA. POSTS.

O. FENCE DETAIL
1. FENCE DETAIL SHALL BE 18" X 24" IN SIZE.
2. FENCE DETAIL SHALL BE 1/2" THICK.
3. FENCE DETAIL SHALL BE 1/2" DIA. POSTS.

P. ROOF DRAIN CONNECTIONS
1. ROOF DRAIN CONNECTIONS SHALL BE 18" X 24" IN SIZE.
2. ROOF DRAIN CONNECTIONS SHALL BE 1/2" THICK.
3. ROOF DRAIN CONNECTIONS SHALL BE 1/2" DIA. POSTS.

Q. FENCE DETAIL
1. FENCE DETAIL SHALL BE 18" X 24" IN SIZE.
2. FENCE DETAIL SHALL BE 1/2" THICK.
3. FENCE DETAIL SHALL BE 1/2" DIA. POSTS.

R. ROOF DRAIN CONNECTIONS
1. ROOF DRAIN CONNECTIONS SHALL BE 18" X 24" IN SIZE.
2. ROOF DRAIN CONNECTIONS SHALL BE 1/2" THICK.
3. ROOF DRAIN CONNECTIONS SHALL BE 1/2" DIA. POSTS.

S. FENCE DETAIL
1. FENCE DETAIL SHALL BE 18" X 24" IN SIZE.
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3. FENCE DETAIL SHALL BE 1/2" DIA. POSTS.

T. ROOF DRAIN CONNECTIONS
1. ROOF DRAIN CONNECTIONS SHALL BE 18" X 24" IN SIZE.
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1. FENCE DETAIL SHALL BE 18" X 24" IN SIZE.
2. FENCE DETAIL SHALL BE 1/2" THICK.
3. FENCE DETAIL SHALL BE 1/2" DIA. POSTS.

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1. ROOF DRAIN CONNECTIONS SHALL BE 18" X 24" IN SIZE.
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3. ROOF DRAIN CONNECTIONS SHALL BE 1/2" DIA. POSTS.

W. FENCE DETAIL
1. FENCE DETAIL SHALL BE 18" X 24" IN SIZE.
2. FENCE DETAIL SHALL BE 1/2" THICK.
3. FENCE DETAIL SHALL BE 1/2" DIA. POSTS.

X. ROOF DRAIN CONNECTIONS
1. ROOF DRAIN CONNECTIONS SHALL BE 18" X 24" IN SIZE.
2. ROOF DRAIN CONNECTIONS SHALL BE 1/2" THICK.
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Y. FENCE DETAIL
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2. FENCE DETAIL SHALL BE 1/2" THICK.
3. FENCE DETAIL SHALL BE 1/2" DIA. POSTS.

Z. ROOF DRAIN CONNECTIONS
1. ROOF DRAIN CONNECTIONS SHALL BE 18" X 24" IN SIZE.
2. ROOF DRAIN CONNECTIONS SHALL BE 1/2" THICK.
3. ROOF DRAIN CONNECTIONS SHALL BE 1/2" DIA. POSTS.

CONSTRUCTION DETAILS

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100-207-1111, USFAM/OLC, LOMA 50-27
info@usfam.org

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www.icaanethics.com

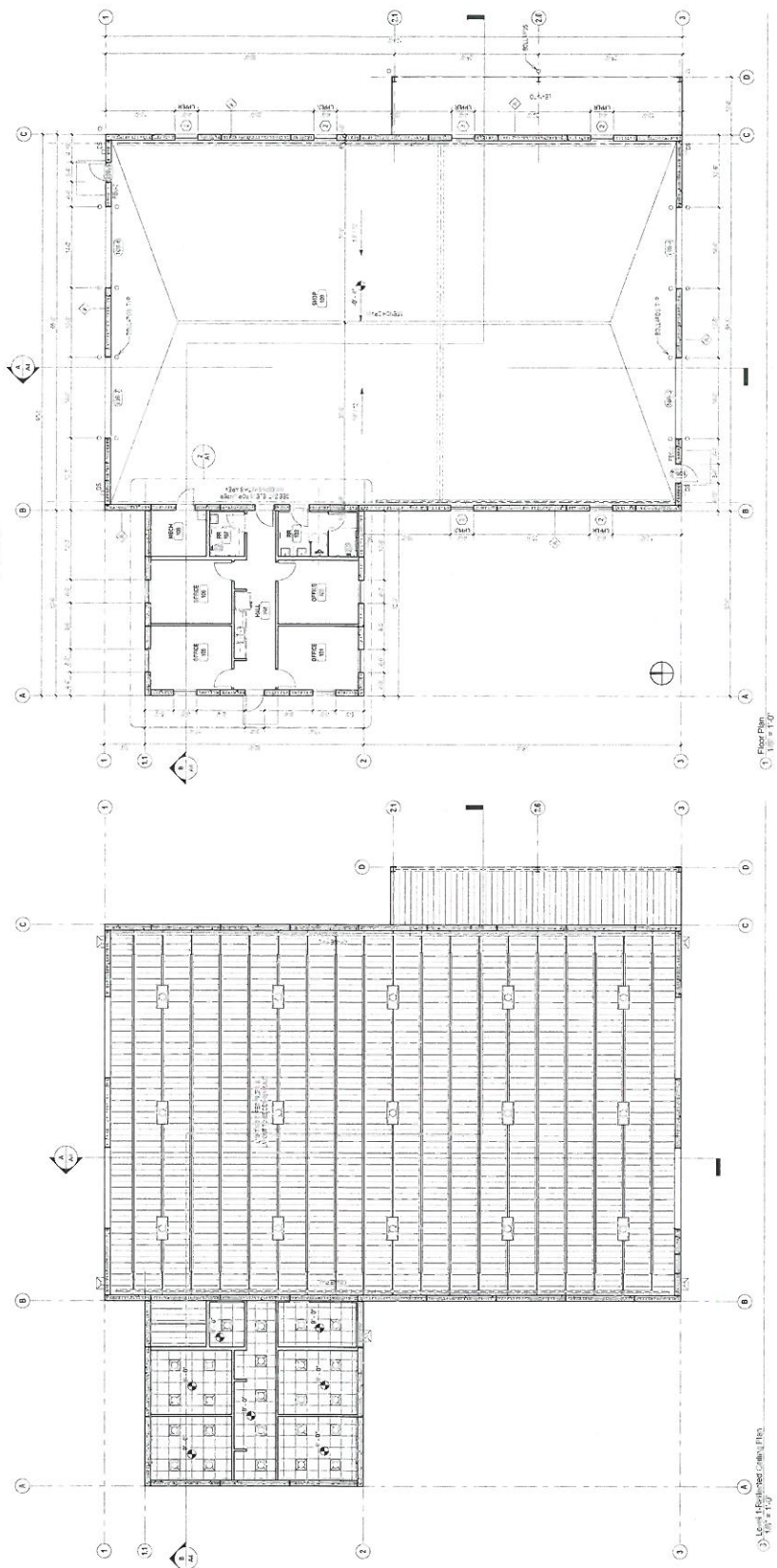
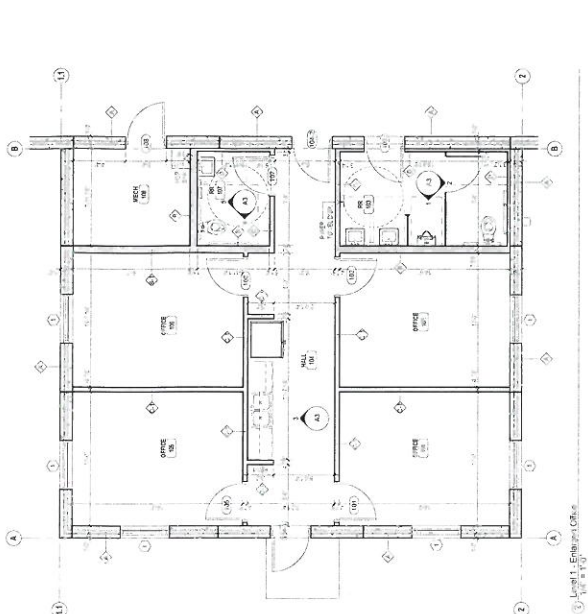
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 LLOOR PLANS

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2020-02-11 -- FOR REVIEW





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Engineering



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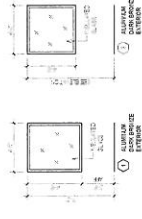
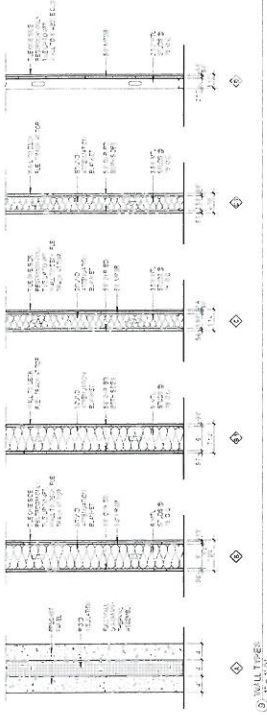
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EXTERIOR ELEVATIONS & ROOF PLAN



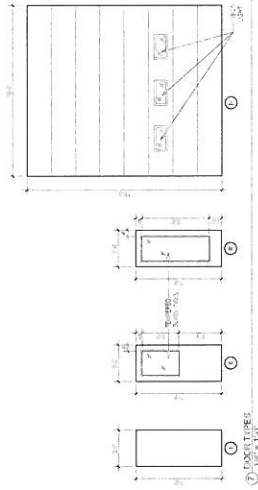
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1. DOOR TYPES
1/8" = 1'-0"



2. WINDOW TYPES
1/8" = 1'-0"

DOOR SCHEDULE									
NO.	TYPE	FINISH	HEIGHT	WIDTH	THICKNESS	GLASS	GLASS TYPE	GLASS THICKNESS	COMMENTS
1	DOOR	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	DOOR WITH GLASS
2	DOOR	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	DOOR WITH GLASS
3	DOOR	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	DOOR WITH GLASS
4	DOOR	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	DOOR WITH GLASS
5	DOOR	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	DOOR WITH GLASS
6	DOOR	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	DOOR WITH GLASS
7	DOOR	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	DOOR WITH GLASS
8	DOOR	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	DOOR WITH GLASS
9	DOOR	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	DOOR WITH GLASS
10	DOOR	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	DOOR WITH GLASS

DOOR SCHEDULE

DOOR SCHEDULE

WINDOW SCHEDULE									
NO.	TYPE	FINISH	HEIGHT	WIDTH	THICKNESS	GLASS	GLASS TYPE	GLASS THICKNESS	COMMENTS
1	WINDOW	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	WINDOW WITH GLASS
2	WINDOW	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	WINDOW WITH GLASS
3	WINDOW	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	WINDOW WITH GLASS
4	WINDOW	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	WINDOW WITH GLASS
5	WINDOW	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	WINDOW WITH GLASS
6	WINDOW	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	WINDOW WITH GLASS
7	WINDOW	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	WINDOW WITH GLASS
8	WINDOW	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	WINDOW WITH GLASS
9	WINDOW	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	WINDOW WITH GLASS
10	WINDOW	WOOD	80"	36"	1 1/2"	GLASS	GLASS	1/2"	WINDOW WITH GLASS

WINDOW SCHEDULE

DSI Shop & Office
Haley, VA

Diamond Surface Inc.

Revisions

ISSUE: 01/12/2010 PROJ: RA-1002
INTERIOR ELEVATION SCHEDULES

2020-02-11 -- FOR REVIEW

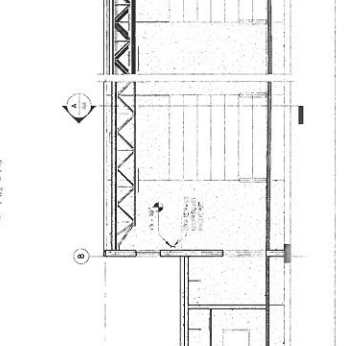
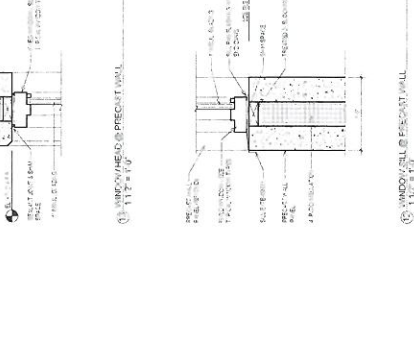
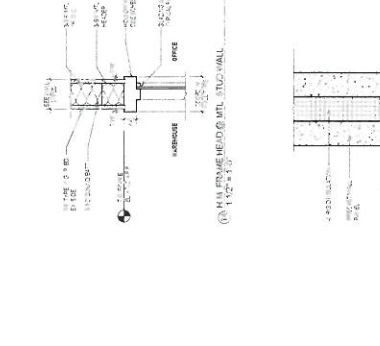
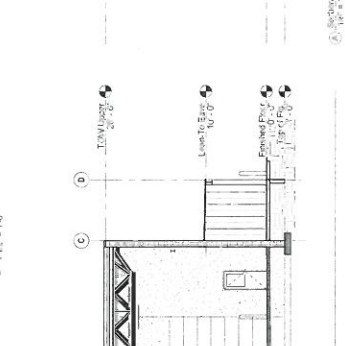
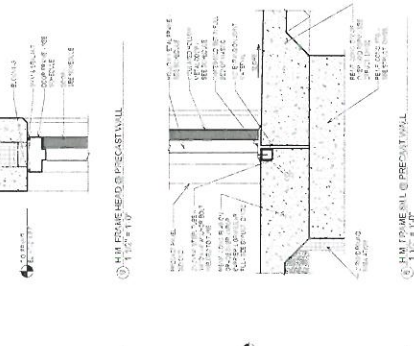
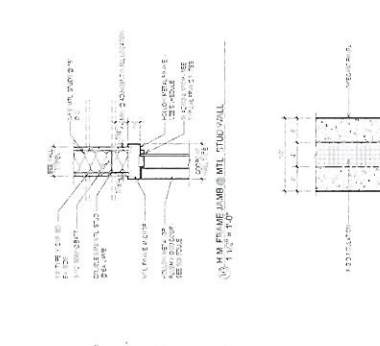
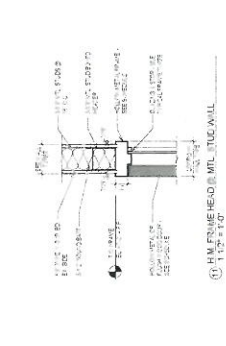
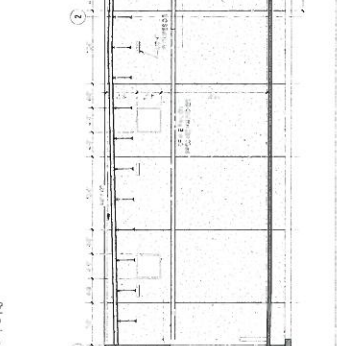
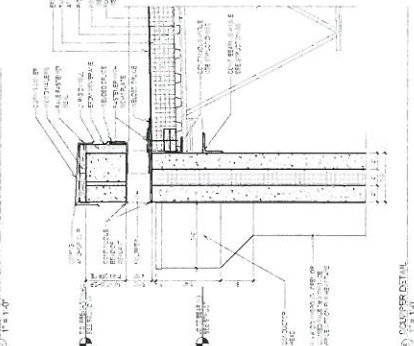
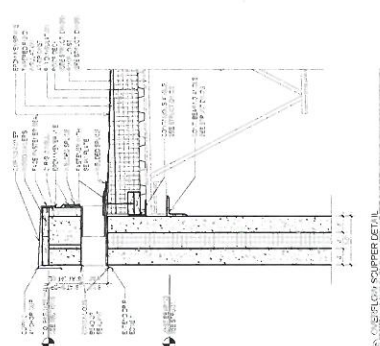
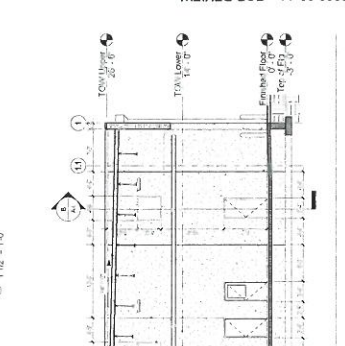
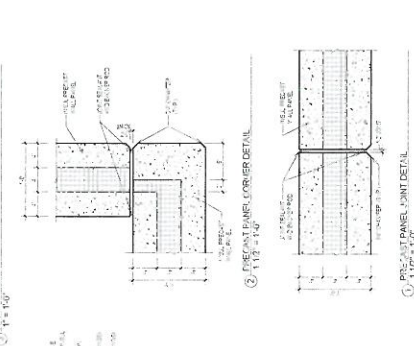
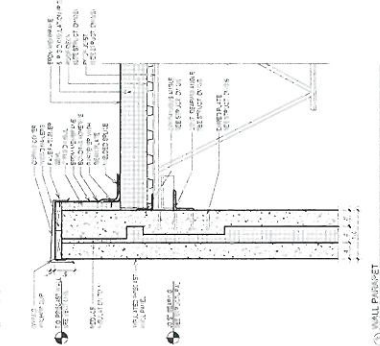
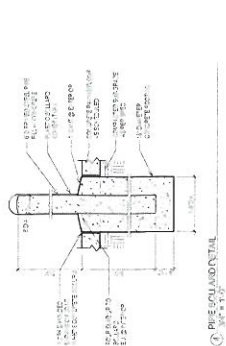
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Journal of Management Inquiry 22(1)

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RE RAKER RHODES
Engineering



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DSI Shop & Office
Huxley, IA

Diamond Surface Inc.

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ISSUE 01 28 20 PROJ. RA-19032

SECTIONS & DETAILS

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Section 8

Response Letter

March 12, 2020

Veenstra & Kimm, Inc.
Attn: Forrest S. Aldrich, P.E.
3000 Westown Parkway
West Des Moines, IA 50266

Re: DSI Huxley – Site Plan Review

Dear Mr. Aldrich,

We are in receipt of your plan review comments for the above referenced project, dated March 10, 2020. Our comments are as follows:

1. Sheet 0000, in General Notes 34 and 35 change to the City of Huxley.
S-H Response: Note has been updated on Cover Sheet - C000.
2. Provide SDR 23.5 for the sewer service pipe material.
S-H Response: Update has been made to Utility Plan – C300 for change in pipe material.
3. The detention basin berm should have a side slope of 4:1 or flatter in accordance with SUDAS Design Manual Section 2G-1.F.1.a.
S-H Response: Slopes of detention basin are updated to meet 4:1 maximum side slope.
4. Label the storm sewer from the public storm sewer on the east side of Main Avenue to the intake as "Private."
S-H Response: Note has been added to denote private storm sewer.
5. Label the storm sewer from the street manhole to the pond outlet structure as "Private."
S-H Response: Note has been added to denote private storm sewer.
6. Change street name to S. Main Avenue.
S-H Response: Update has been made to base file.
7. Provide 5-foot wide sidewalk along the street.
S-H Response: 4' Sidewalk previously shown has been widened to 5' and moved within City ROW.
8. Provide dimensions for the boundary of the lot.
S-H Response: Boundary dimensions have been added to base file.
9. Provide calculations showing a minimum of 20% greenspace on the site.
S-H Response: Greenspace calculations has been added to Cover Sheet – C000.

Project 4193880



10. Provide all final as-constructed plans as an electronic pdf format. Provide GIS coordinates for all as-constructed utility manholes, valve boxes, curb stops, hydrants, and cleanout in AutoCad format.

S-H Response: This comment has been noted for future inclusion as part of the construction and closeout process.

11. Provide and install Watts RPZ backflow assembly for water service inside the building.

S-H Response: This comment has been noted and sent to the plumbing engineer for inclusion in construction documents.

12. Label contacts for inspection and utilities, as follows:

Water and Sewer, Keith Vitzthum, City of Huxley, 515-290-7512

Gas and Electric, Jacob Clark, Alliant Energy, 515-268-4412

Phone and Cable, Brant Strumpfer, Huxley Communications, 515-203-6716

S-H Response: Contacts have been included on Cover Sheet – C000.

13. Provide traffic analysis in accordance with City Ordinance 167.04.1.B. This may not be necessary depending on anticipated traffic. Please provide information on the anticipated number of truck deliveries and time of day they are anticipated. Also, the number of passenger vehicles anticipated in any given day.

S-H Response: Working with Owner to get expected traffic loads.

14. Show P.U.E. and other easements from the Industrial Final Plat on the site plan.

S-H Response: Base map has been updated to include P.U.E and other easements from the Industrial Final Plat.

15. Provide building dimensions and building square footage.

S-H Response: Building dimensions and square footage has been updated on Sheet C101 – Site Plan.

16. Provide elevation view of the building showing building dimension, height, and materials.

S-H Response: Building elevations are included as an attachment to this submittal.

17. All parking areas are to be surfaced with asphalt or concrete. The east lot will need to be paved with hard surfacing or have a waiver requested of the City Council.

S-H Response: Working with Owner to resolve.

18. Provide lighting plan.

S-H Response: Does this item relate to a photometric item being required?

19. All of the areas on the site located south and east of the building need to drain into the northeast stormwater detention basin. This includes all of drainage area DA-3 shown in the stormwater drainage calculations. Drainage DA-3 cannot drain off-site.

S-H Response: Grading of site has been reworked to accommodate drainage from South and East of the building to the NE detention basin.

20. The maximum total allowable release rate from the site for both detention basins is 1.5 cfs. See the attached stormwater management plan for the Huxley Industrial Park dated January 17, 2006.

S-H Response: Stormwater report is being reviewed to ensure total release rate is met.

21. Revise and re-submit the stormwater management calculations for the site.

S-H Response: Stormwater management report has been updated including associated calculations.

22. The embankment width for the detention basins need to be minimum of 6 feet wide in accordance with SUDAS Design Manual Section 2G-1F.1.c.

S-H Response: Embankment width has been updated to meet SUDAS requirements.

23. The freeboard and emergency spillway requirements of SUDAS Design Manual Section 2G-1.F.1.d.

S-H Response: Freeboard and emergency spillway requirements are being reviewed to ensure SUDAS requirements are being met.

24. The west stormwater detention basin needs to be contained within the site and not extend in the public right-of-way. The sidewalk also cannot pass through the stormwater detention basin.

S-H Response: West stormwater basin is updated and contained within the site.

25. The building downspouts cannot be directly tied to the storm sewer. They need to flow overland to the detention basin.

S-H Response: This item is being discussed with the Owner. Overland flowing of downspouts across exits and hard surfacing can create unsafe surfaces during cold weather with ice.

Thank you for the review of our project.

SHIVE-HATTERY, INC.



Brent Strauch, PE

Enc: Architectural Elevations

Cc: Rita Conner, City of Huxley
Jeff Peterson, City of Huxley
Amy Kaplan, City of Huxley
Chris Bauer, Shive-Hattery