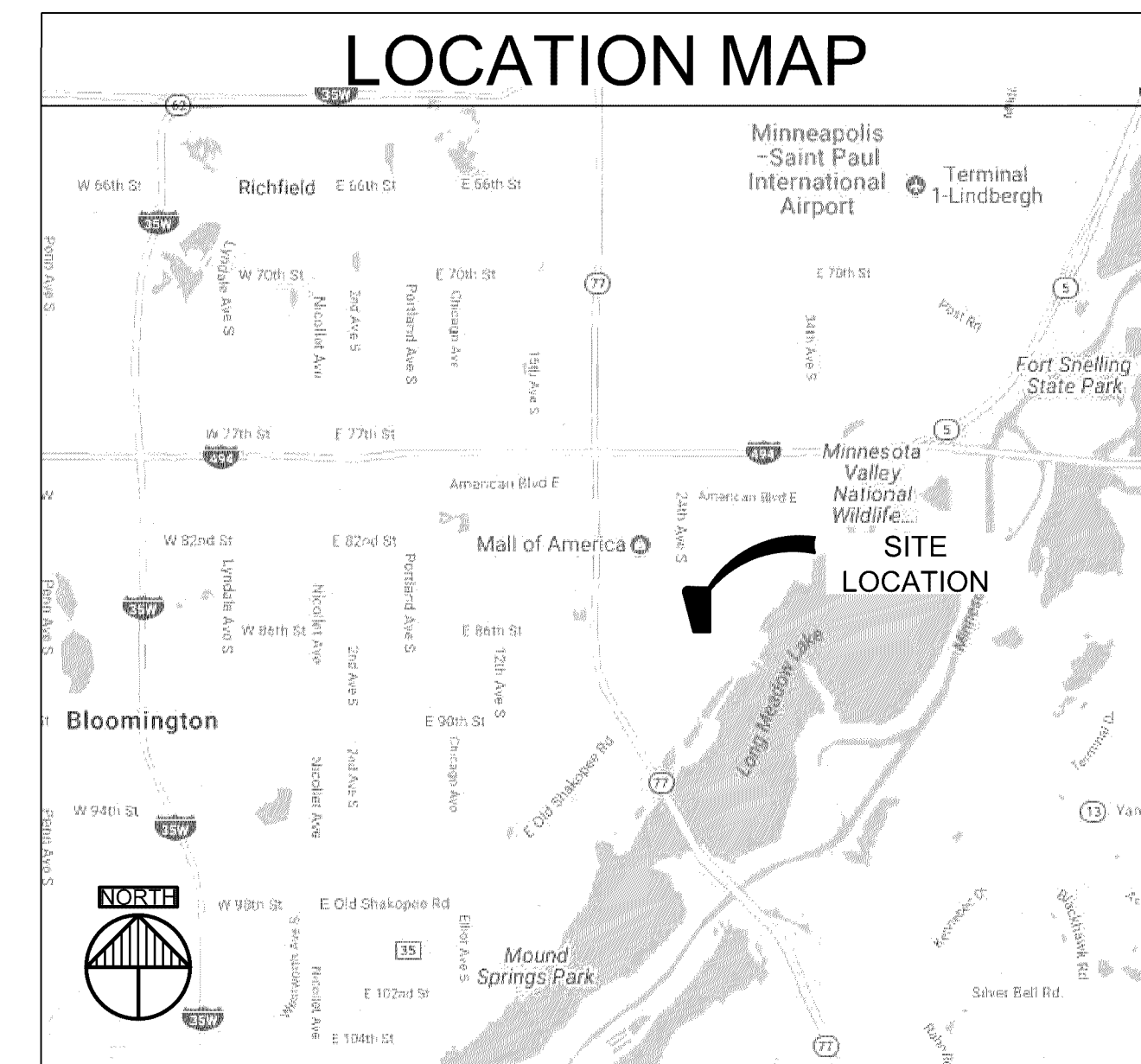


DEVELOPMENT PLANS FOR THE PROPOSED WHIRLYBALL BLOOMINGTON, MN



DRAWING INDEX	
SHEET NO.	
C100	TITLE SHEET & DRAWING INDEX
2016-136	CERTIFIED SURVEY SUNDE LAND SURVEYING DATED 11/01/2016
C200	GRADING AND DRAINAGE PLAN
C300	EROSION AND SEDIMENT CONTROL PLAN
C400	UTILITY PLAN
C450	SITE AND PAVING PLAN
C500	CIVIL DETAILS
C501	CIVIL DETAILS
C502	CIVIL DETAILS
C503	CIVIL DETAILS
L100	LANDSCAPE PLAN
L101	LANDSCAPE DETAILS
L102	LANDSCAPE DETAILS

OWNER:
NICK LAMBRECHT
13644 80TH CIRCLE N
MAPLE GROVE, MN 55369
(763) 657-1555

ARCHITECTURE:
JACK AMDAL
STUDIO 55 ARCHITECTS, LLP
10700 HIGHWAY 55
MINNEAPOLIS, MN 55441
(763) 544-8370

LANDSCAPE:
VAA, LLC
2300 BERKSHIRE LANE #200
PLYMOUTH, MN 55441
(763) 587-7323

ENGINEERING:
ANDREW BERENBERG
VAA, LLC
2300 BERKSHIRE LANE #200
PLYMOUTH, MN 55441
(763) 587-7323

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Planners and Engineers 763.559.9100
2300 Berkshire Lane N, Suite 200 www.vaaeng.com
Plymouth, MN 55441 info@vaaeng.com

CLIENT:

WHIRLYBALL
13644 80TH CIRCLE NORTH
MAPLE GROVE, MN 55369



CLIENT PROJECT NO: 170002

WHIRLYBALL
2435 E OLD SHAKOPEE ROAD
BLOOMINGTON, MN

[illegible]

CERTIFICATION:

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DATE: 07/05/17		DRAWN: TSH	
DESIGNED: AMB	CHECKED: PDK		APPROVED: ---

DRAWING TITLE:

TITLE SHEET & DRAWING INDEX

PROJECT NO: 170002	DRAWING NO: C100
SCALE: AS NOTED	



C200



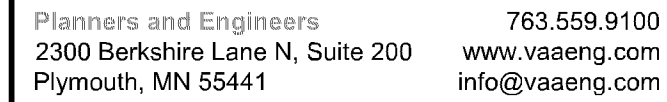
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UTILITY NOTES

1. ALL UTILITY DEMOLITION AND/OR ABANDONMENT TO BE PERFORMED IN ACCORDANCE WITH CITY OF BLOOMINGTON AND STATE OF MINNESOTA REGULATIONS AND STANDARDS.
2. EXISTING UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS. CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL EXISTING PUBLIC AND PRIVATE UTILITIES WHICH MAY INCLUDE BUT IS NOT LIMITED TO: ELECTRIC, TELEPHONE, GAS, CABLE TV, COMPUTER CABLE, FIBER OPTIC CABLE, SANITARY SEWER, STORM SEWER AND WATERMAIN. CONTRACTOR TO CONTACT 811 BEFORE EXCAVATING.
3. REMOVE ALL SOILS AND SEDIMENTS TRACKED OR OTHERWISE DEPOSITED UNTIL PUBLIC AND PRIVATE PAVEMENT AREAS. REMOVAL SHALL BE ON A DAILY BASIS THROUGHOUT THE DURATION OF THE CONSTRUCTION. CLEAN PAVED ROADWAYS BY SHOVELING OR SWEEPING. STREET WASHING IS ALLOWED ONLY AFTER SHOVELING OR SWEEPING HAS REMOVED SEDIMENT. SEE CITY OF BLOOMINGTON STANDARDS AND REGULATIONS
4. PROVIDE THE FOLLOWING MINIMUM COVER OVER THE TOP OF PIPE AS FOLLOWS:
 - A. 8' OVER WATERMAIN
 - B. 8' OVER SANITARY SEWER
 - C. 1.5' OVER STORM SEWER

	EXISTING PROPERTY LINE
	EXISTING EASEMENT LINE
	EXISTING ADJACENT LINE
	EXISTING STORM SEWER
	EXISTING STORM SEWER (KFW)
	EXISTING SANITARY SEWER
	EXISTING SANITARY SEWER (KFW)
	EXISTING WATERMAIN
	EXISTING WATERMAIN (KFW)
	EXISTING UNDERGROUND ELECTRIC (KFW)
	EXISTING UNDERGROUND ELECTRIC
	EXISTING UNDERGROUND COMMUNICATION
	EXISTING UNDERGROUND GAS (KFW)
	EXISTING AREA INLET / MANHOLE (KFW)
	EXISTING CATCHBASIN / MANHOLE
	EXISTING FIRE HYDRANT (KFW)
	EXISTING RISER (KFW)
	EXISTING SIGN (KFW)
	EXISTING TREE
	PROPOSED GAS LINE
	PROPOSED ELECTRICAL LINE
	PROPOSED SANITARY SEWER
	PROPOSED HDPE STORM SEWER ADS N-12 WT
	PROPOSED WATERMAIN
	PROPOSED MH/CB
	PROPOSED FES
	PROPOSED RETAINING WALL
	PROPOSED BITUMINOUS PAVEMENT
	PROPOSED CONCRETE SIDEWALK
	EXISTING CONCRETE SIDEWALK (KFW)
	EXISTING BITUMINOUS TRAIL (KFW)



CLIENT:

WHIRLYBALL
13644 80TH CIRCLE NORTH
MAPLE GROVE, MN 55369



CLIENT PROJECT NO: 170002

PROJECT:

WHIRLYBALL
2435 E OLD SHAKOPEE ROAD
BLOOMINGTON, MN

[illegible]

CERTIFICATION:

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Minnesota.

Signature _____ Date _____

Printed name
Reg. No.

My license renewal date is _____

Pages or sheets covered by this seal

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DATE: 07/05/17	DRAWN: TSH
-------------------	---------------

DESIGNED: AMB	CHECKED: PDK	APPROVED: ---
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DRAWING TITLE:

UTILITY PLAN

PROJECT NO:

170002

SCALE:
AS NOTED

DRAWING NO:

C400

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CLIENT:

CLIENT PROJECT NO: 170002

PROJECT

[illegible]

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Signature _____ Date _____

Printed name _____ Reg. No. _____

My license renewal date is _____

Pages or sheets covered by this seal _____

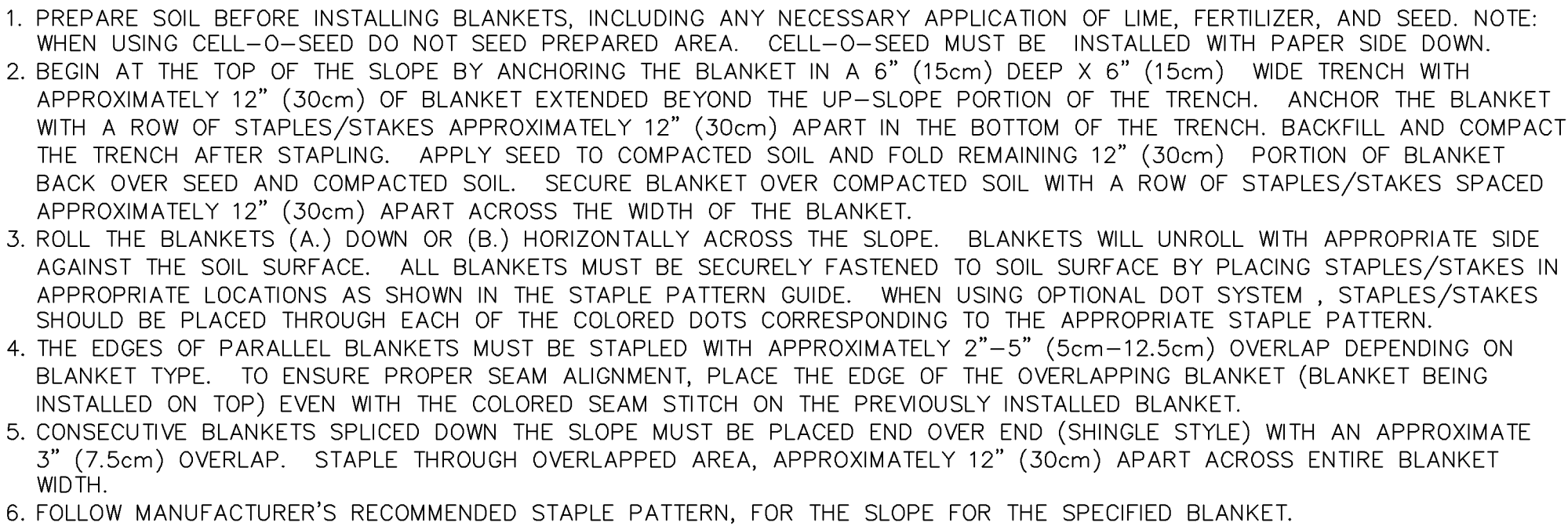
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DESIGNED: AMB	CHECKED: PDK	APPROVED: ---	

DRAWING TITLE

CIVIL DETAILS

PROJECT NO: 170002	DRAWING NO: C500
CALE: AS NOTED	



NOTE:

IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

NOT TO SCALE

STANDARD STAPLE PATTERN

STD_STAPLE_PATTERN.dwg 4/2009

PLATE NO
C-03



PLATE NO.
C-04



ROCK CONSTRUCTION ENTRANCE

AT ACCESS ROADS 4/2009

PLATE NO.
C-01

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4/2009

C-21



PLATE NO.
C-5044



PLATE NO.
C-5010



PLATE NO.
C-5014



11 / 2012

C-22



WALK_JNT_DETAIL.dwg

LATE NC



WALK_JNT_DETAIL.dwg

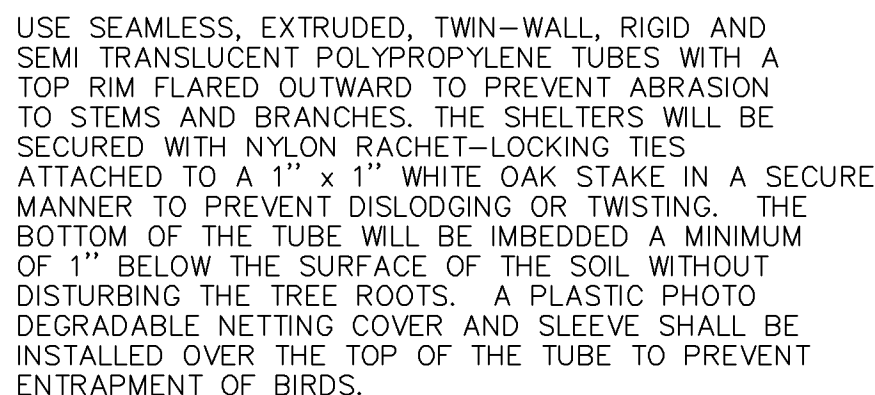
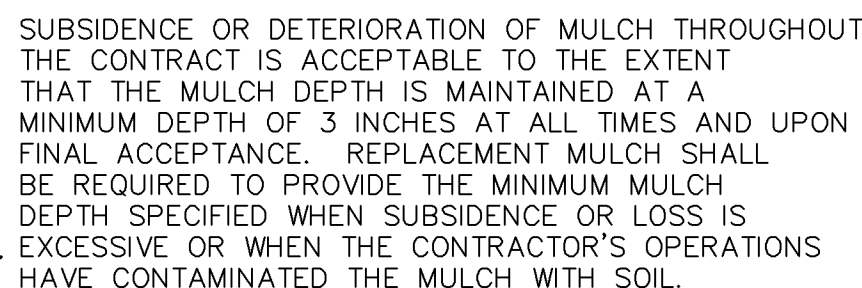
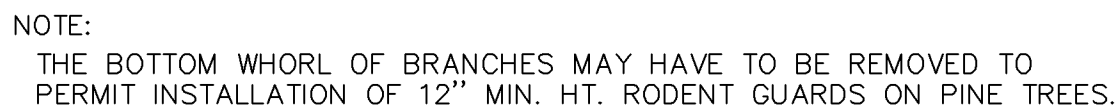
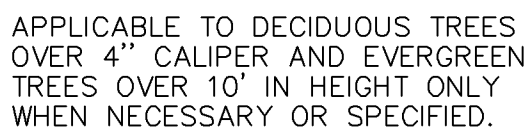
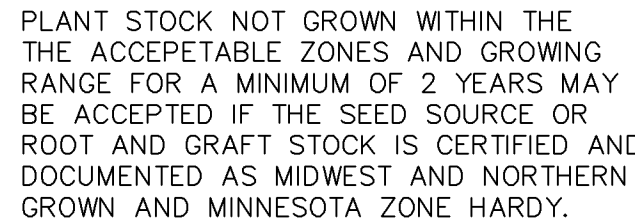
LATE NC



PLATE NO.
C-5024

C503

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Studio 55 Architects, LLP
10700 Highway 55, suite 275
Plymouth, MN 55441
763.544.8370
studio55architects.com



2405 E Old Shakopee RD
Bloomington, MN

No.	Date	Revision
—	07-05-17	CITY SUBMITTAL
—	—	—
—	—	—
—	—	—
—	—	—
—	—	—
—	—	—

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Architect under the laws of the State of Minnesota.

Printed Name: _____

Signature: _____

Date: _____ License #: _____

Project —

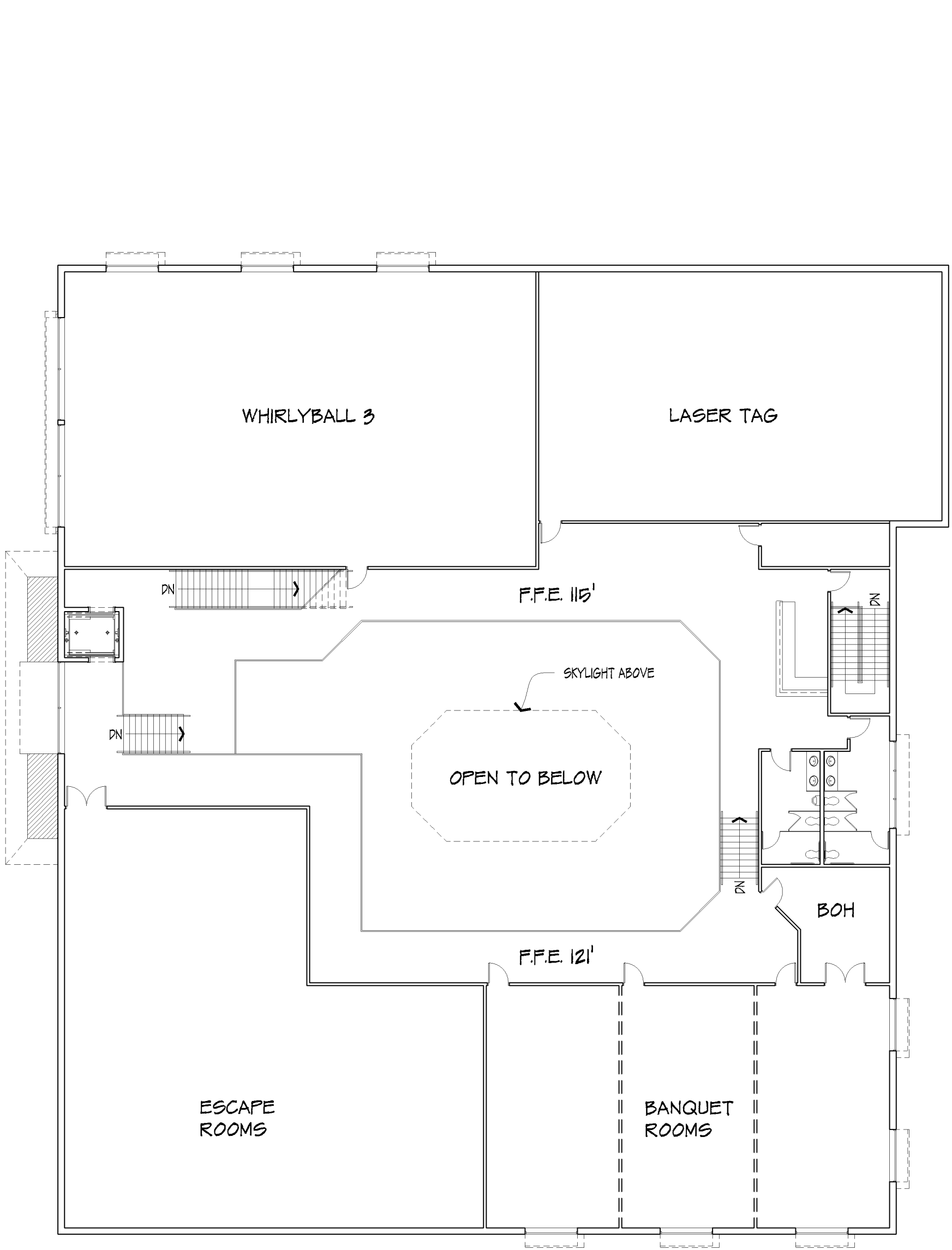
Date 07-05-17

Drawn by _____

Checked by _____

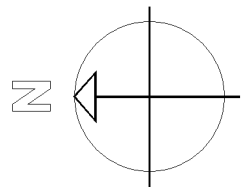
Drawing Number

A100



2 SECOND FLOOR PLAN (824.00' x 830.00' F.F.E.)

1/16" = 1'-0"



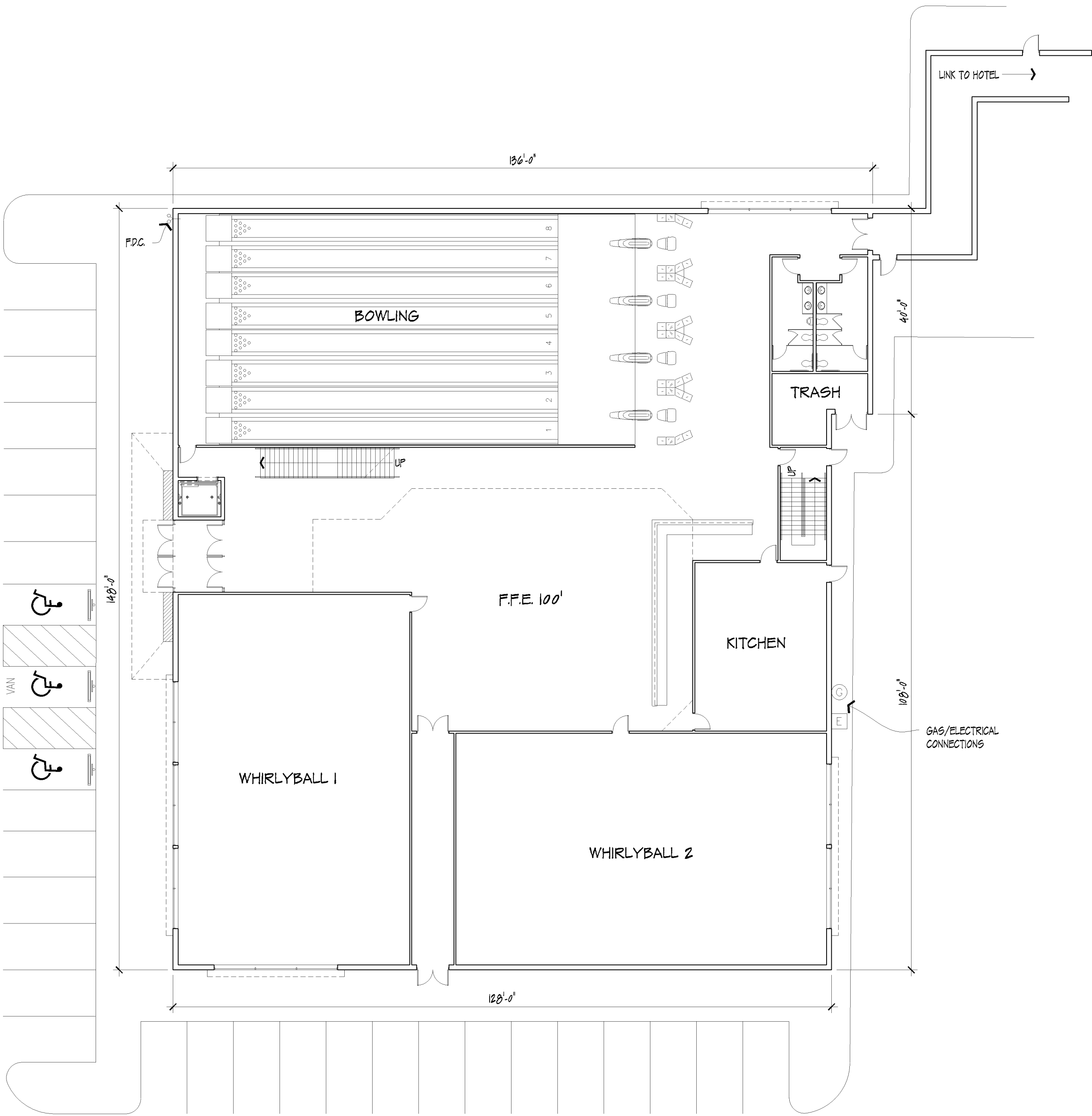
BUILDING INFORMATION:

39,700 GSF (FIRST & SECOND)

FLOOR ELEVATIONS: FIRST 100' (800.00') F.F.E.
SECOND 115' (824.00') F.F.E.
121' (830.00') F.F.E.
ROOF 136' (846.00')
PARAPET 140' (849.00')

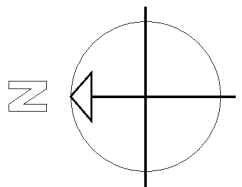
CONSTRUCTION TYPE: II B

OCCUPANCY GROUPS: A2, A3



1 FIRST FLOOR PLAN (800.00' F.F.E.)

1/16" = 1'-0"

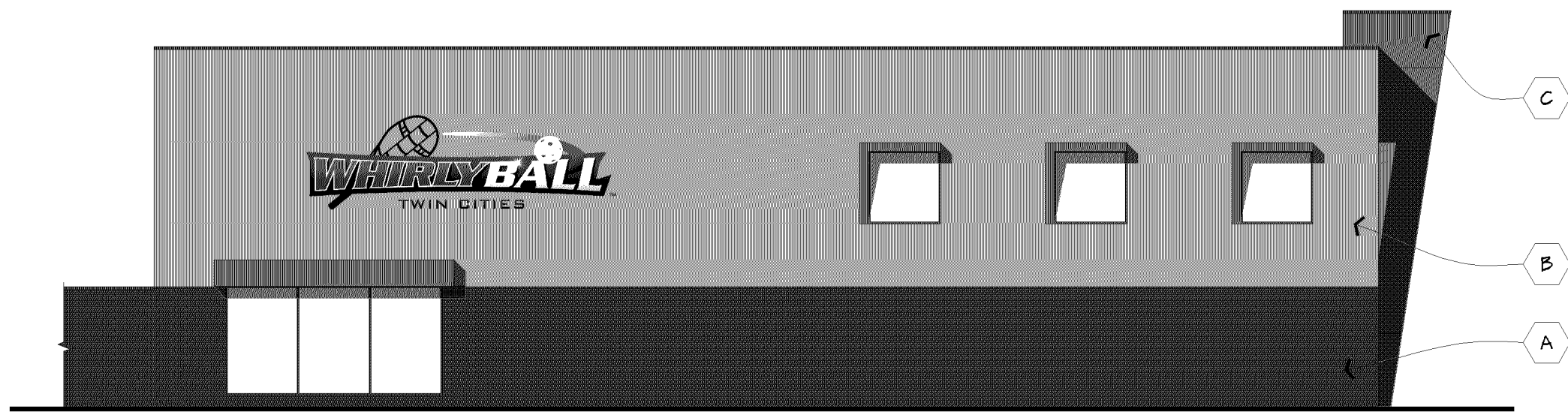




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763.544.8370
studio55architects.com



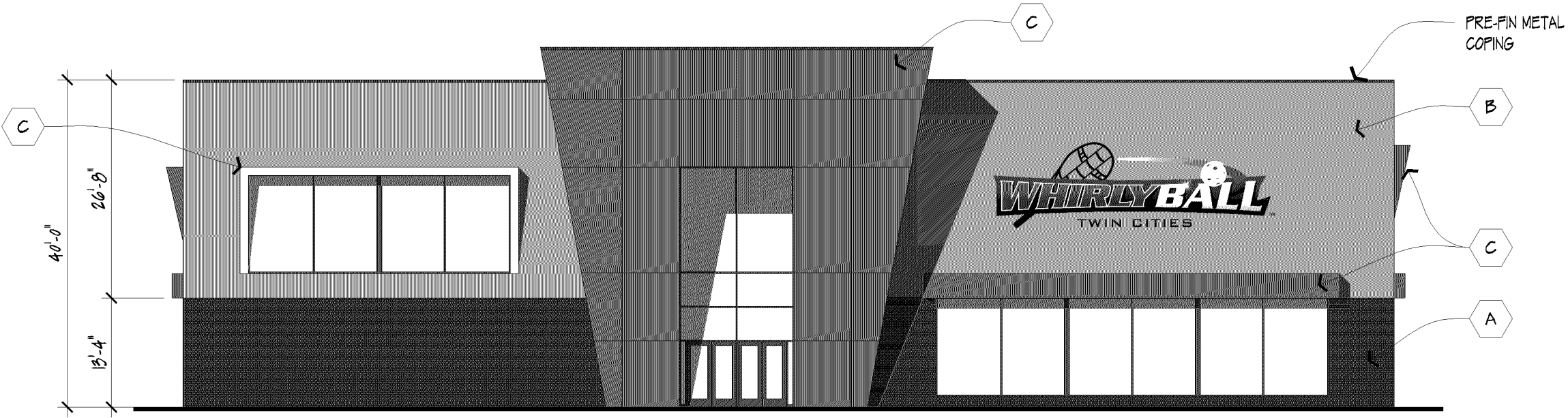
2405 E Old Shakopee RD
Bloomington, MN



MATERIAL PERCENTAGES:

BRICK	27%
STUCCO	58%
METAL	7%
GLAZING	8%

4 EAST ELEVATION
1/16" = 1'-0"



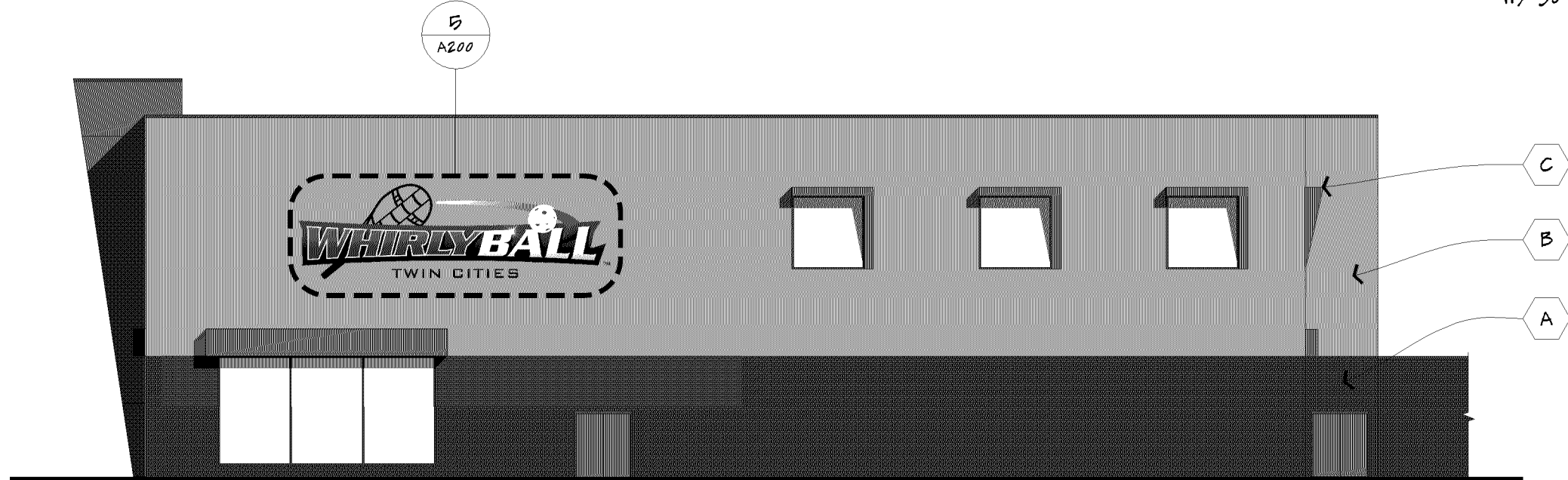
MATERIAL PERCENTAGES:

BRICK	10%
STUCCO	36%
METAL	20%
GLAZING	20%

1 NORTH ELEVATION
1/16" = 1'-0"

MATERIAL SPECIFICATIONS:

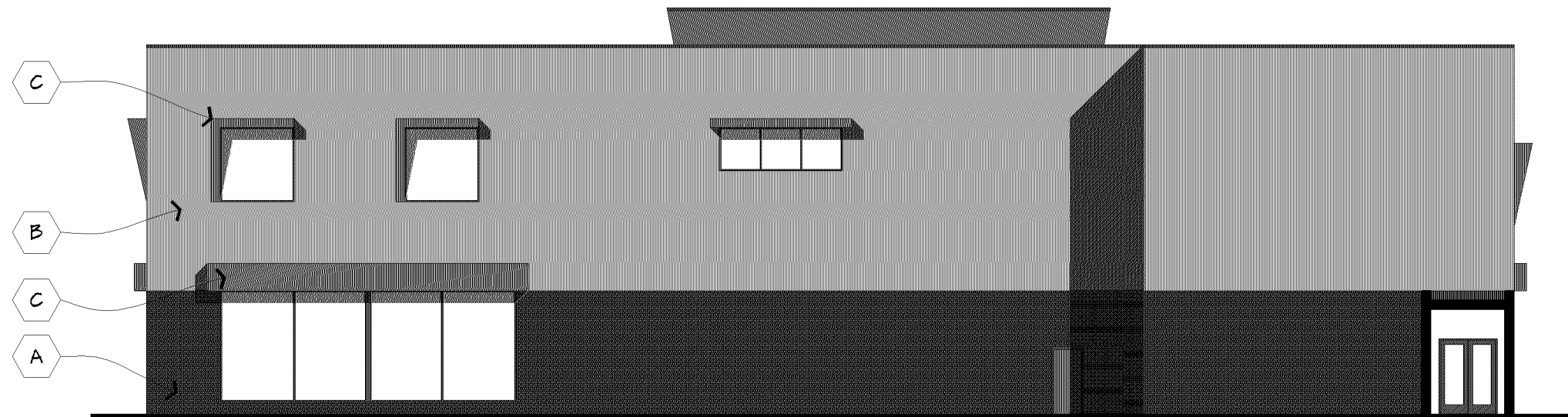
- A) BRICK ENDICOTT CLAY PRODUCTS MANGANESE IRONSPOT SMOOTH MODULAR
- B) STUCCO ACRYLIC PAINT FINISH COLOR T.B.D.
- C) METAL FIRESTONE OR METL-SPAN CUSTOM COLOR W/ 30 YEAR WARRANTY OR EQUIVALENT



MATERIAL PERCENTAGES:

BRICK	25%
STUCCO	57%
METAL	10%
GLAZING	8%

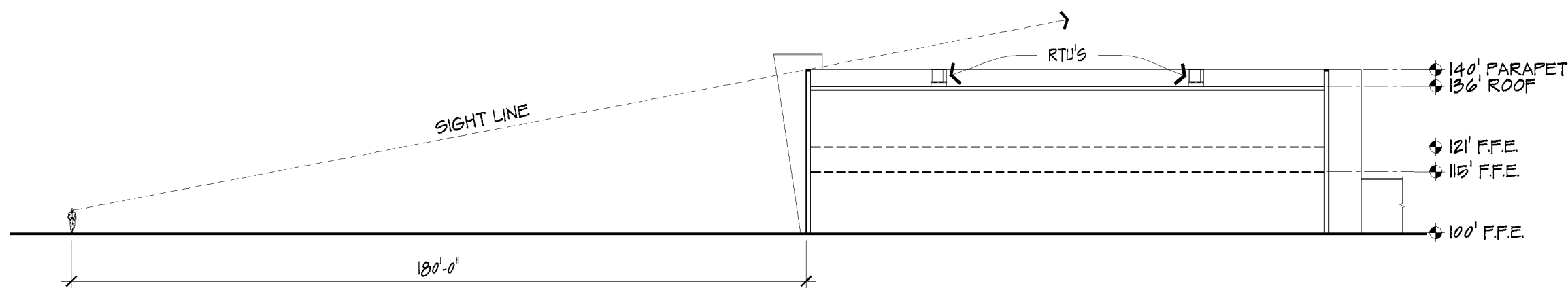
3 WEST ELEVATION
1/16" = 1'-0"



MATERIAL PERCENTAGES:

BRICK	25%
STUCCO	61%
METAL	5%
GLAZING	0%

2 SOUTH ELEVATION
1/16" = 1'-0"



6 SITE SECTION
1/32" = 1'-0"



5 TYPICAL SIGN
1/8" = 1'-0"

No.	Date	Revision
—	07-05-17	CITY SUBMITTAL
—	—	—
—	—	—
—	—	—
—	—	—
—	—	—
—	—	—

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Printed Name: _____

Signature: _____

Date: _____ License #: _____

Project —
Date 07-05-17
Drawn by
Checked by
Drawing Number