



Top Line Advertising & Electrical
Sign Manufacturing, Installation and Service
 11775 Justen Circle, Suite A – Maple Grove, MN 55369
 Phone (763) 428-5067 Fax (763) 428-5072
 www.toplinesign.com

September 17, 2018

City of Bloomington
 Planning Division – Elizabeth O'Day
 1800 W. Old Shakopee Road
 Bloomington, MN 55431

RE: Uniform Sign Design for Holiday Inn Express & Suites, 7801 12th Avenue (this location has three frontages, East 78th Street, South 12th Avenue, and 13th Avenue South). This hotel has 171 rooms on five floors. This location is to be regulated under sign regulations as set forth in section 19.121 of Bloomington city code.

A. FREESTANDING ID SIGNS

- A.1 Monument – Double faced, reading Holiday Inn Express & Suites / Entrance, 4' 0-1/2" x 6' 3-1/4"
Location – Southwest property (South 12th Ave.)
Material – Aluminum, acrylic

Sign Regulations:	<u>ALLOWED</u>	<u>PROPOSED</u>
Sign Area	100 sq. ft.	25.34 sq. ft.
Overall Height	20'	7'
Setback	20'	20'
Illumination	Yes	LED

- A.2 Monument – Double faced, reading Holiday Inn Express & Suites, 4' 0-1/2" x 6' 3-1/4"
Location – Northeast property (East 78th Street)
Material – Aluminum, acrylic

Sign Regulations:	<u>ALLOWED</u>	<u>PROPOSED</u>
Sign Area	100 sq. ft.	25.34 sq. ft.
Overall Height	20'	7'
Setback	20'	20'
Illumination	Yes	LED

B. WALL SIGNS

- B.1 Channel Letters – Holiday Inn Express & Suites w/ Logo, 3' 1" logo w/ 24" letters x 29' 5-1/2"
Location – North Elevation
Material – Aluminum, acrylic, vinyl
Sign Status – Small wall sign

Sign Regulations:	<u>ALLOWED</u>	<u>PROPOSED</u>
Elevations	2	1
Sign area – per each	100 sq. ft.	90.83 sq. ft.

B.1 Continued

Height from bottom to roof	20' from rooftop	5' 10" from rooftop
Illumination	Yes	LED

B.2 Channel Letters – Stacked - Holiday Inn Express & Suites w/ Logo, 4' logo w/ 1' 6-3/4" letters

Location – South Elevation

Material – Aluminum, acrylic, vinyl

Sign Status – Small wall sign

Sign Regulations:	<u>ALLOWED</u>	<u>PROPOSED</u>
Elevations	2	1
Sign area – per each	100 sq. ft.	99 sq. ft.
Height from bottom of roof	20' from rooftop	12' 11-1/8" from rooftop
Illumination	Yes	LED

B.3 Channel Letters – Stacked – Holiday Inn Express & Suites w/ Logo, 6' 1" logo w/ 28" channel letters

Location – West Elevation

Material – Aluminum, acrylic, vinyl

Sign Status – Large wall sign

Sign Regulations:	<u>ALLOWED</u>	<u>PROPOSED</u>
Elevations	2	1
Sign area – per each	250 sq. ft.	228.36 sq. ft.
Height from bottom of roof	20' from rooftop	19' from rooftop
Illumination	Yes	LED

B.4 Channel Letters - Stacked – Holiday Inn Express & Suites w/ Logo, 6' 1" logo w/ 28" channel letters

Location – East Elevation

Material – Aluminum, acrylic, vinyl

Sign Status – Large wall sign

Sign Regulations:	<u>ALLOWED</u>	<u>PROPOSED</u>
Elevations	2	1
Sign area – per each	250 sq. ft.	228.36 sq. ft.
Height from bottom of roof	20' from rooftop	19' from rooftop
Illumination	Yes	LED

C. DIRECTIONAL SIGNS

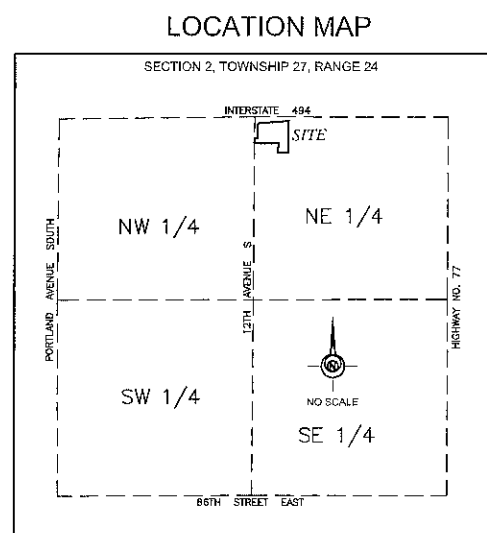
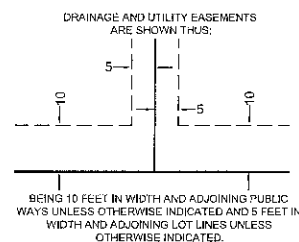
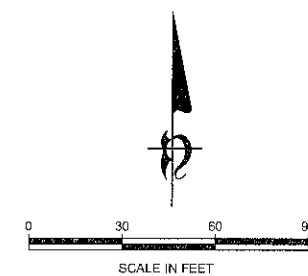
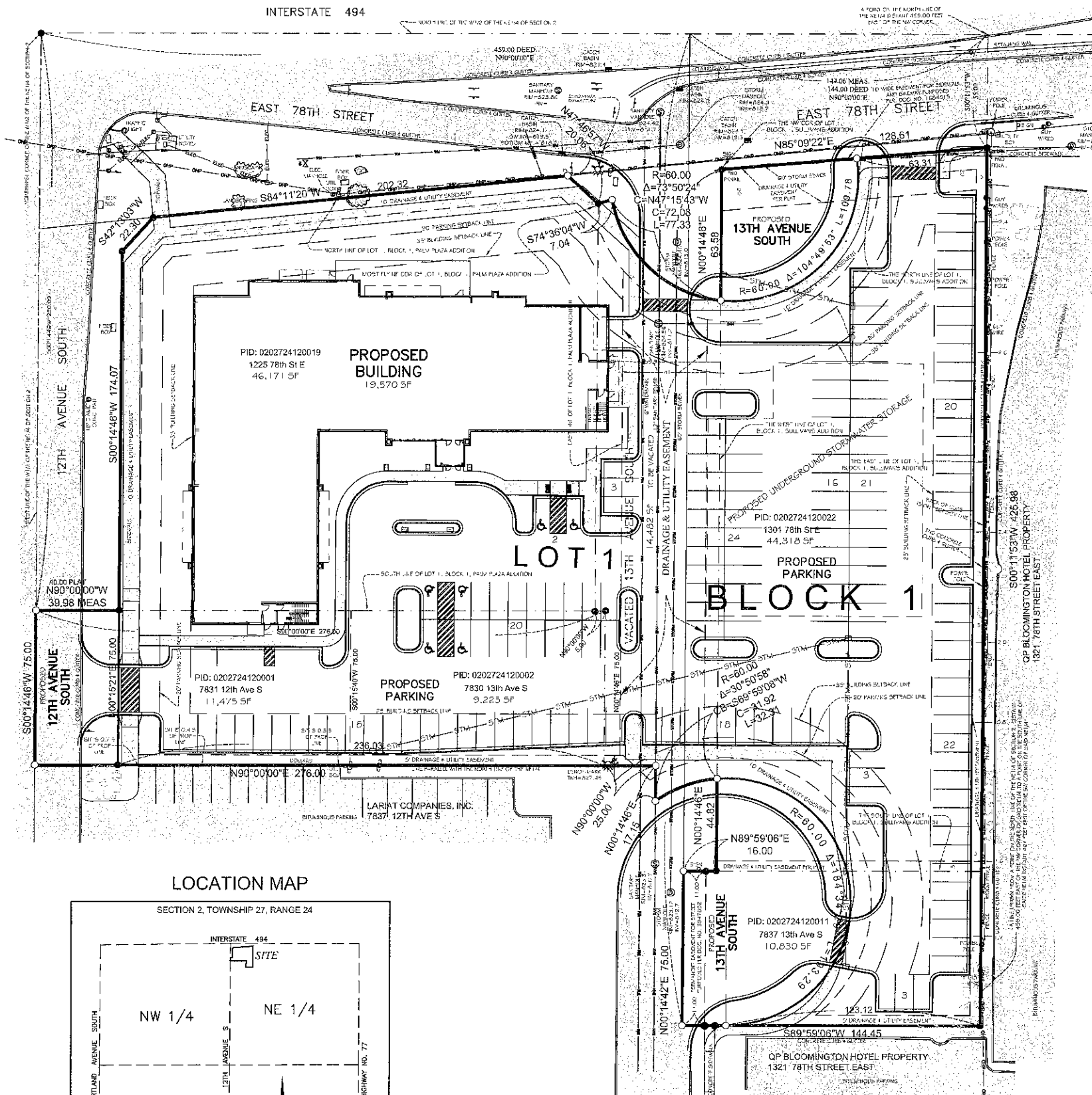
C.1 Ground Sign – Double faced, reading Holiday Inn Express & Suites w/ arrow, 11" x 2'1"

Location – Southeast property (13th Avenue S.)

Material – Aluminum, acrylic

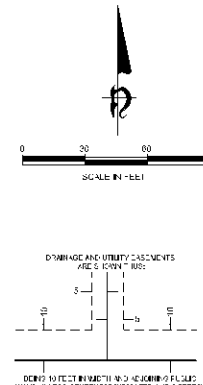
Sign Regulations:	ALLOWED	PROPOSED
Sign Area	6 sq. ft.	1.91 sq. ft.
Overall Height	3'	2' 6"
Setback	10'	10'
Illumination	Yes	LED

SHEET 1 OF 1



FLOOD ZONE: SUBJECT PROPERTY IS IN ZONE X OF THE FLOOD INSURANCE RATE MAP, "ANAL NO. 2/000234a/e. DATED 08/11/2006". ZONE X IS NOT IN A SPECIAL FLOOD HAZARD AREA. ZONE X IS DEFINED AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. FIELD SURVEYING WAS NOT PERFORMED TO DETERMINE THIS ZONE.

C-4 - FREEWAY OFFICE WITH PD
(9) (A) (V) (H) (D) (K) (V) (L) (P) (M) (K) (V) (T) (J) (V) (H) (R) (A) (Y)



Lee S. Black, Jr., PhD, is a clinical research psychologist at the University of Illinois at Chicago.

[illegible]

1251017 1, NINE 1, DIFLUORO 2, 4,6-DI, 4-METHOXY-2-NITRO-5-VINYL

[illegible]

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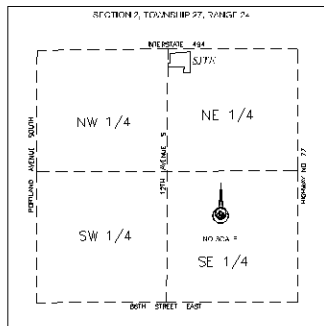
Proposed LOT 1	122,421 SF
Proposed R.O.W.	14,080 SF

TOTAL 136,501 SF 3.13 ACRES

PROPOSED BUILDING = 19,580 SF
PROPOSED PARKING 64,618 SF
PROPOSED SIDEWALK = 8,449 SF

PROPOSED IMPROVED SURFACE = 02.65% SF
OVER LOT 1 - 75.7%

SECTION 2, TOWNSHIP 27, RANGE 24



- 1) 4' 1/2" x 6' 3 1/4" monument @ 7' OAH
- 2) 4' 1/2" x 6' 3 1/4" monument @ 7' OAH
- 3) 11" x 2' 1" directional @ 2' 6" OAH

PREPARED BY:
Bohlen
Surveying & Associates

PREPARED FOR:	HAWKEYE HOTELS
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FILED - CLERK
OF SUPERIOR COURT
IN AND FOR THE COUNTY OF MINNESOTA

DATE: 5-14-2017 Thomas J O'Meara
THOMAS J. O'MEARA, CMAA, CM, V.A. & L. AND JULIA
JUNIOR COST-ENGINEER LICENSE NO. 15157

PREPARED FOR:	HAWKEYE HOTELS
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FILED - CLERK
OF SUPERIOR COURT
IN AND FOR THE COUNTY OF MINNESOTA

DATE: 5-14-2017 Thomas J O'Meara
THOMAS J. O'MEARA, CMAA, CM, V.A. & L. AND JULIA
JUNIOR COST-ENGINEER LICENSE NO. 15157

S:\Projects\Bloomington\sullivan's first-addition\dwg\PRELIM-6-08-17.dwg

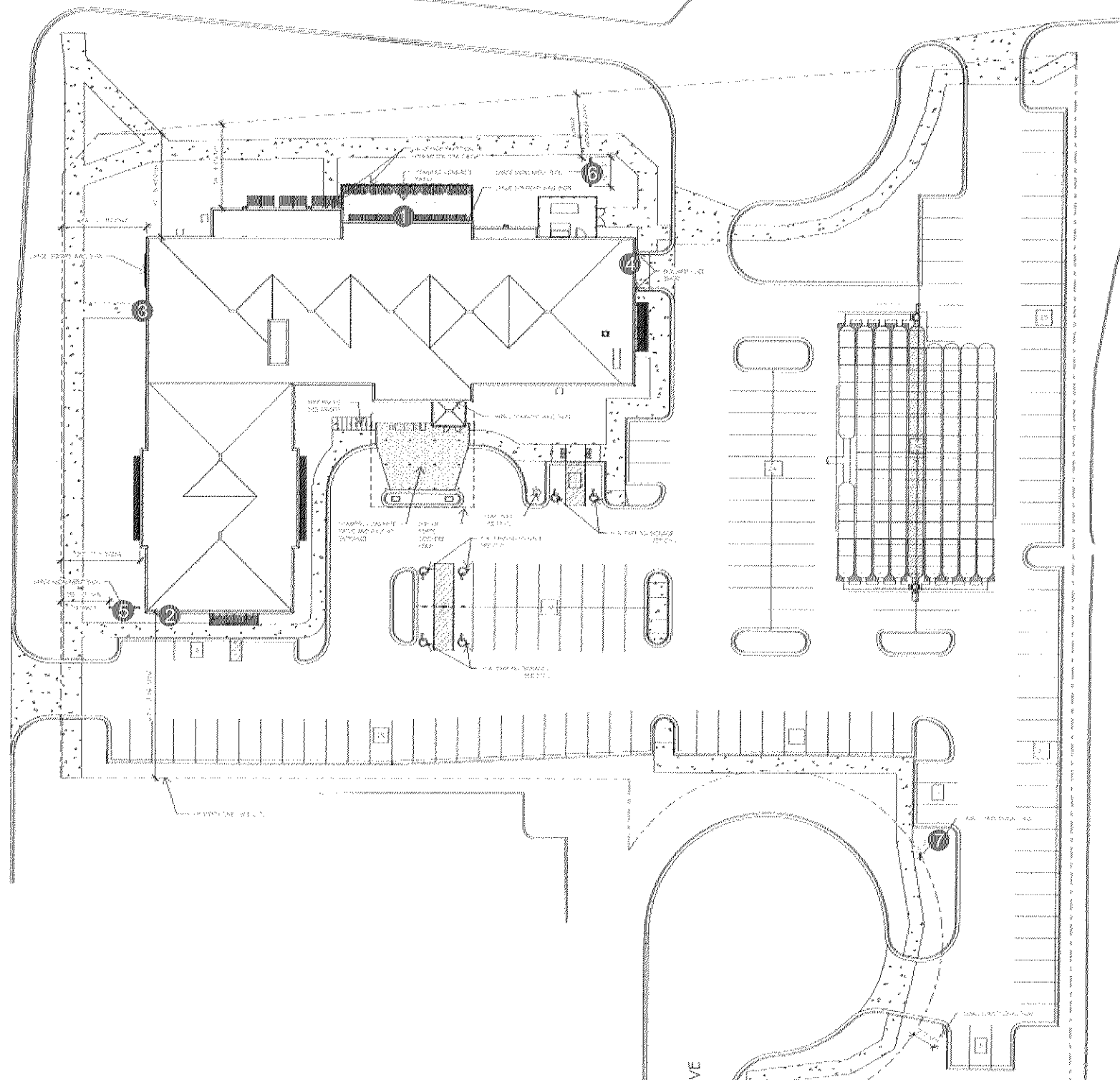
5/15/17	JLB	CITY COMMENTS	ORIG DATE: 3-14-2017 DESIGN BY: DRAWN BY: JLB CHECKED BY: TJQ	FRIENDLY PALM BLOOMINGTON MN PRELIMINARY PLAT PROPOSED CONDITIONS
6/06/17	JLB	CITY COMMENTS		
DATE	BY	DESCRIPTION	SHEET 1 OF 1	

SHEET 1 OF 1



EAST 78TH STREET

SOUTH 12TH AVE



USD # 223
Approved
Zoning Review Only
Liz O'Day 11/5/18

INN CODE: MSPTH

HOLIDAY INN EXPRESS & SUITES
1225 EAST 78TH STREET
BLOOMINGTON, MN 55425

NEW CONSTRUCTION /
NO EXISTING SIGNS

PROPOSED SIGNS:

- ① XLS-LM-3D-L
3'-1" LOGO W/ 24" CHANNEL LETTERS
- ② CUSTOM: XLS-SM-4W
4'-0" LOGO W/ 1'-6 3/4" CHANNEL LETTERS
- ③ XL-SM-6W
6'-1" LOGO W/ 28" CHANNEL LETTERS
- ④ XLS-SM-6W
6'-1" LOGO W/ 28" CHANNEL LETTERS
- ⑤ XPS-20
4'-0 1/2" X 6'-3 1/4" MONUMENT AT X 7'-0" OAH
- ⑥ XPS-20
4'-0 1/2" X 6'-3 1/4" MONUMENT AT X 7'-0" OAH
- ⑦ XDGI-1
11" X 2'-1" DIRECTIONAL AT 2'-6" OAH

APPROVAL BOX - PLEASE INITIAL

CUSTOMER APPROVAL

Date

NOTE: Elevation drawings are for customer approval only, drawings are not to be used as any installation guide, all dimensions must be verified before installation.

Customer:
HOLIDAY INN EXPRESS & SUITES

Date:
07/27/18

Prepared By: **KH/SC/CB/
AT/KH/TJ/KH/CB**

NOTE: Color output may not be exact. All colors used are PMS or the closest CMYK equivalent. If these colors are not available, please provide a color PMS match and a revision to this drawing will be made.

Location:
BLOOMINGTON, MN

File Name:
167293 - R10 - BLOOMINGTON MN

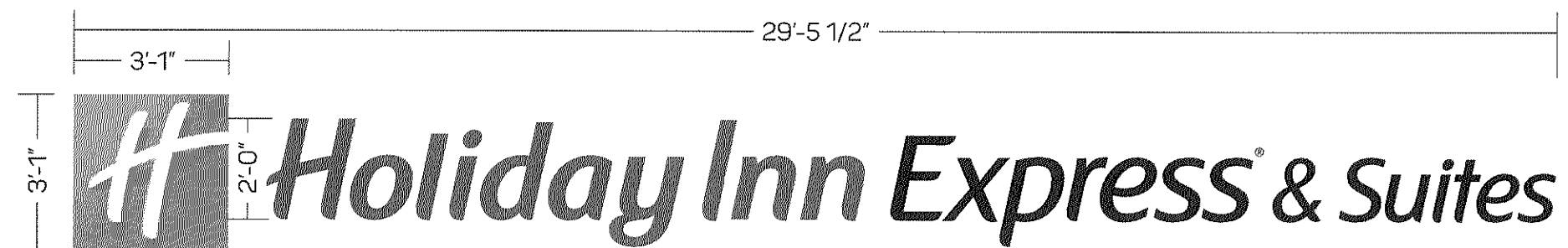
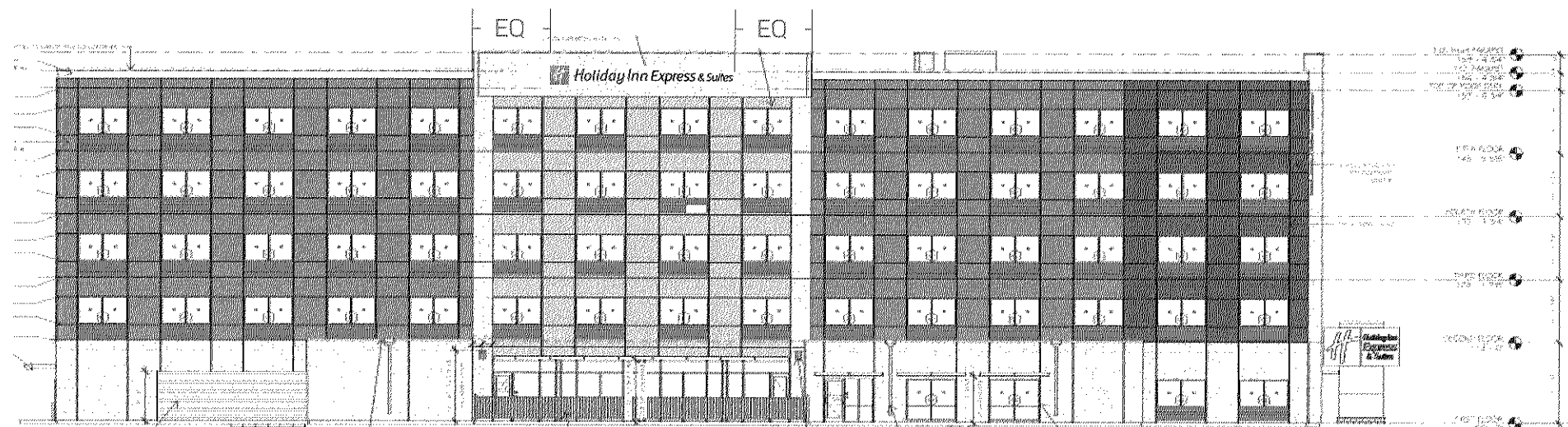
Eng:
-

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DISTRIBUTED BY SIGN UP COMPANY
700 21st Street Southwest
PO Box 210
Watertown, SD 57201-0210
1.800.843.9888 • www.personasigns.com

1 NORTH ELEVATION
SCALE: 1/32" = 1'-0"

USD # 223
Approved
Zoning Review Only
Liz O'Day 11/5/18



GRAPHIC DETAIL
SCALE: 1/4" = 1'-0"

PROPOSED: XLS-LM-3D-L
3'-1" LOGO W/ 24" CHANNEL LETTERS
BOXED AREA: 90.83 SQ FT

NOTE: DO NOT SHEETROCK THE WALLS WHERE SIGNS ARE LOCATED

APPROVAL BOX - PLEASE INITIAL

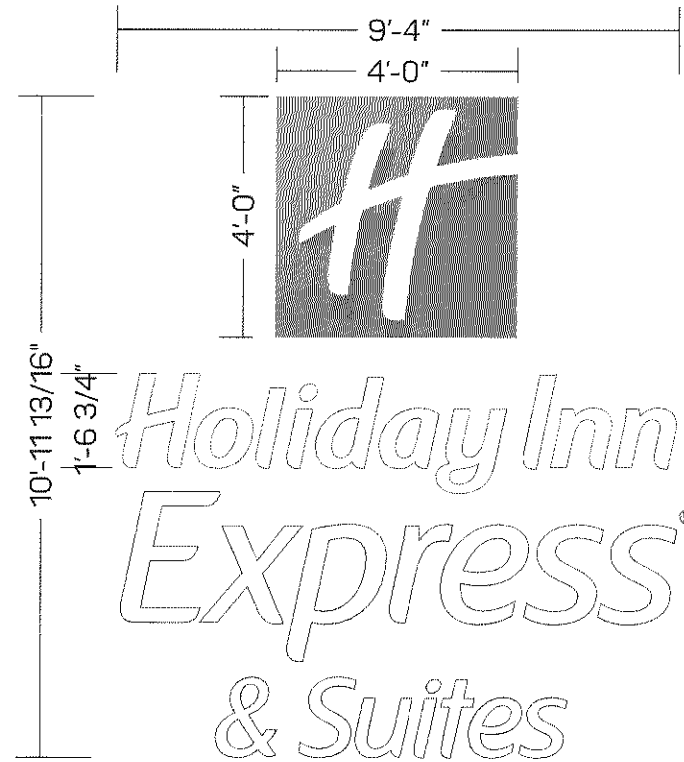
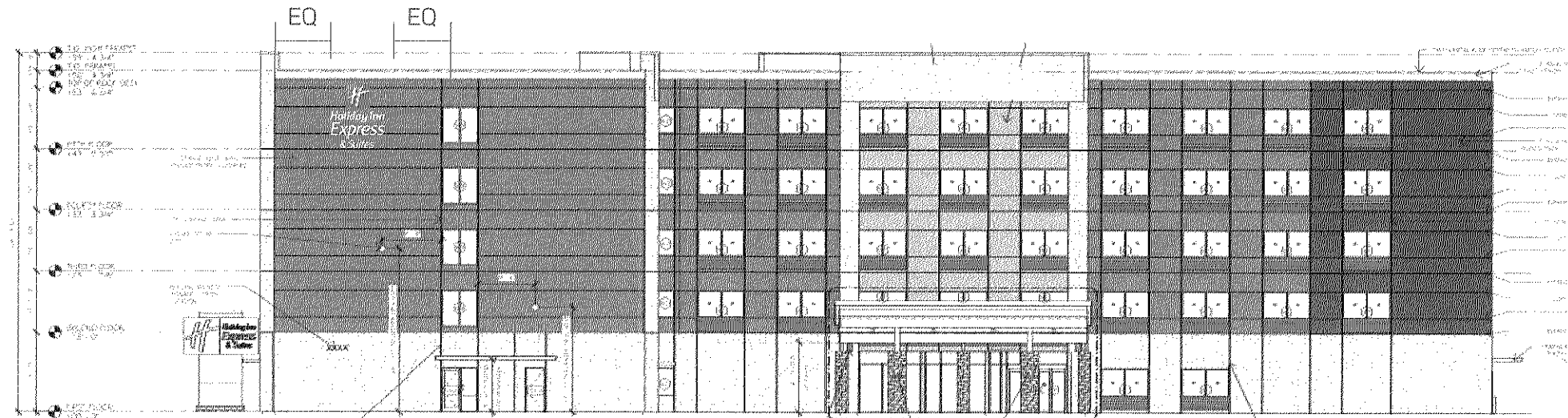
CUSTOMER APPROVAL	Date

NOTE: Elevation drawings are for customer approval only, drawings are not to be used as any installation guide, all dimensions must be verified before installation.

Customer: HOLIDAY INN EXPRESS & SUITES	Date: 6/29/18	Prepared By: KH/SC/CB/TJ/KH	Eng: -	persōna SIGNS LIGHTING IMAGE	DISTRIBUTED BY SIGN UP COMPANY 700 21st Street Southwest PO Box 210 Watertown, SD 57201-0210 1.800.843.9888 • www.personasigns.com
Location: BLOOMINGTON, MN	File Name: 167293 - R10 - BLOOMINGTON MN				

2 SOUTH ELEVATION
SCALE: 1/32" = 1'-0"

USD # 223
Approved
Zoning Review Only
Liz O'Day 11/5/18



GRAPHIC DETAIL
SCALE: 1/4" = 1'-0"

PROPOSED:
CUSTOM: XLS-SM-4W
4'-0" LOGO W/ 1'-6 3/4" CHANNEL LETTERS
BOXED AREA: 99.00 SQ FT

APPROVAL BOX - PLEASE INITIAL

CUSTOMER APPROVAL	Date

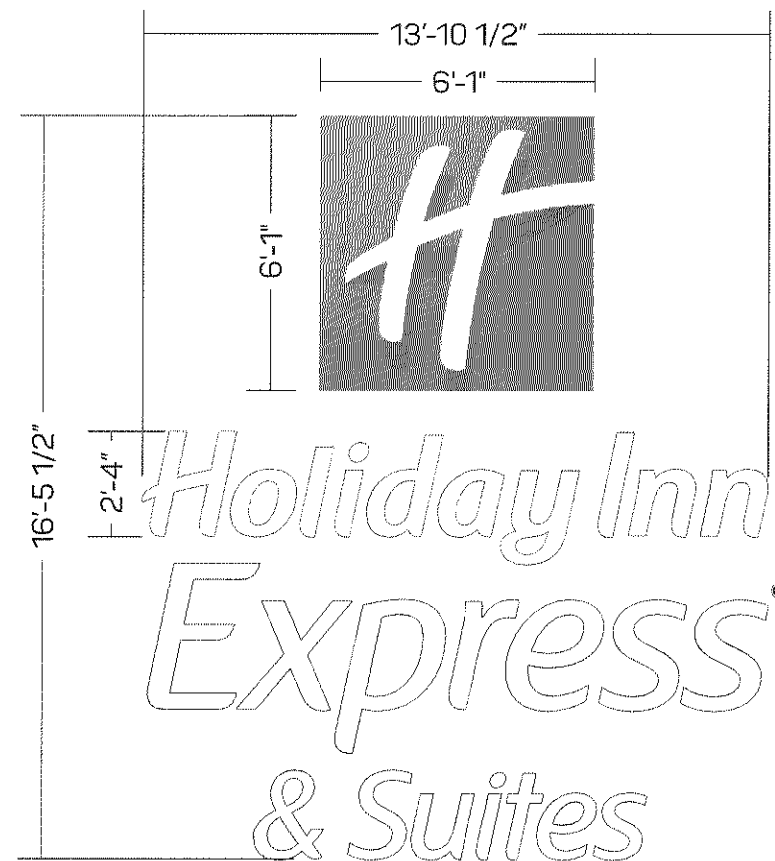
NOTE: DO NOT SHEETROCK THE WALLS WHERE SIGNS ARE LOCATED

NOTE: Elevation drawings are for customer approval only, drawings are not to be used as any installation guide, all dimensions must be verified before installation.

Customer: HOLIDAY INN EXPRESS & SUITES	Date: 07/27/18	Prepared By: KH/SC/CB/TJ/CB	Note: Color output may not be exact when printed. All colors used are PMS or the closest CMYK equivalent. If these colors are required, please provide a color PMS match and a revision to this drawing will be made.		DISTRIBUTED BY SIGN UP COMPANY 700 21st Street Southwest PO Box 210 Watertown, SD 57201-0210 1.800.843.9888 • www.personasigns.com
Location: BLOOMINGTON, MN	File Name: 167293 - R10 - BLOOMINGTON MN	Eng: -			

3 WEST ELEVATION
SCALE: 1/32" = 1'-0"

USD # 223
Approved
Zoning Review Only
Liz O'Day 11/5/18



GRAPHIC DETAIL
SCALE: 3/16" = 1'-0"

PROPOSED: XL-SM-6W
6'-1" LOGO W/ 28" CHANNEL LETTERS
BOXED AREA: 228.36 SQ FT

NOTE: DO NOT SHEETROCK THE WALLS WHERE SIGNS ARE LOCATED

APPROVAL BOX - PLEASE INITIAL

CUSTOMER APPROVAL

Date

NOTE: Elevation drawings are for customer approval only, drawings are not to be used as any installation guide, all dimensions must be verified before installation.

Customer:
HOLIDAY INN EXPRESS & SUITES

Date:
6/26/18

Prepared By:
KH/SC/CB/TJ

NOTE: Color output may differ slightly from what is shown in this drawing. All colors used are PMS or the closest CMYK equivalent. If these colors are not available, please contact the printer for a color match and a revision to this drawing will be made.

Location:
BLOOMINGTON, MN

File Name:
167293 - R10 - BLOOMINGTON MN

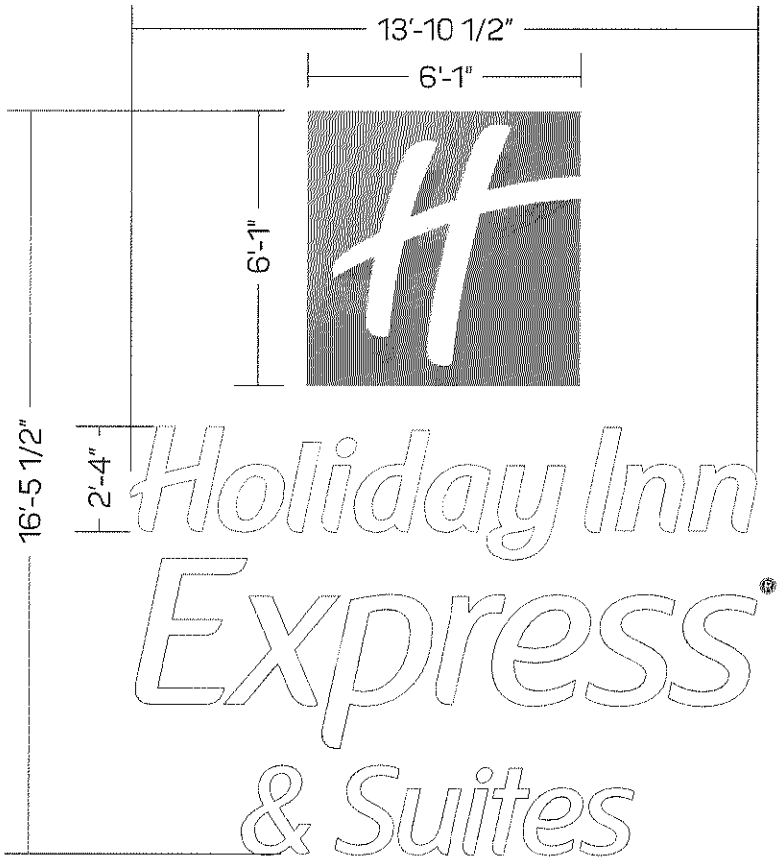
Eng:
-

persōna
SIGNS | LIGHTING | IMAGE

DISTRIBUTED BY SIGN UP COMPANY
700 21st Street Southwest
PO Box 210
Watertown, SD 57201-0210
1.800.843.9888 • www.personesigns.com

4 EAST ELEVATION
SCALE: 1/32" = 1'-0"

USD # 223
Approved
Zoning Review Only
Liz O'Day 11/5/18



GRAPHIC DETAIL
SCALE: 3/16" = 1'-0"

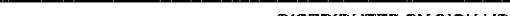
PROPOSED: XL-SM-6W
6'-1" LOGO W/ 28" CHANNEL LETTERS
BOXED AREA: 228.36 SQ FT

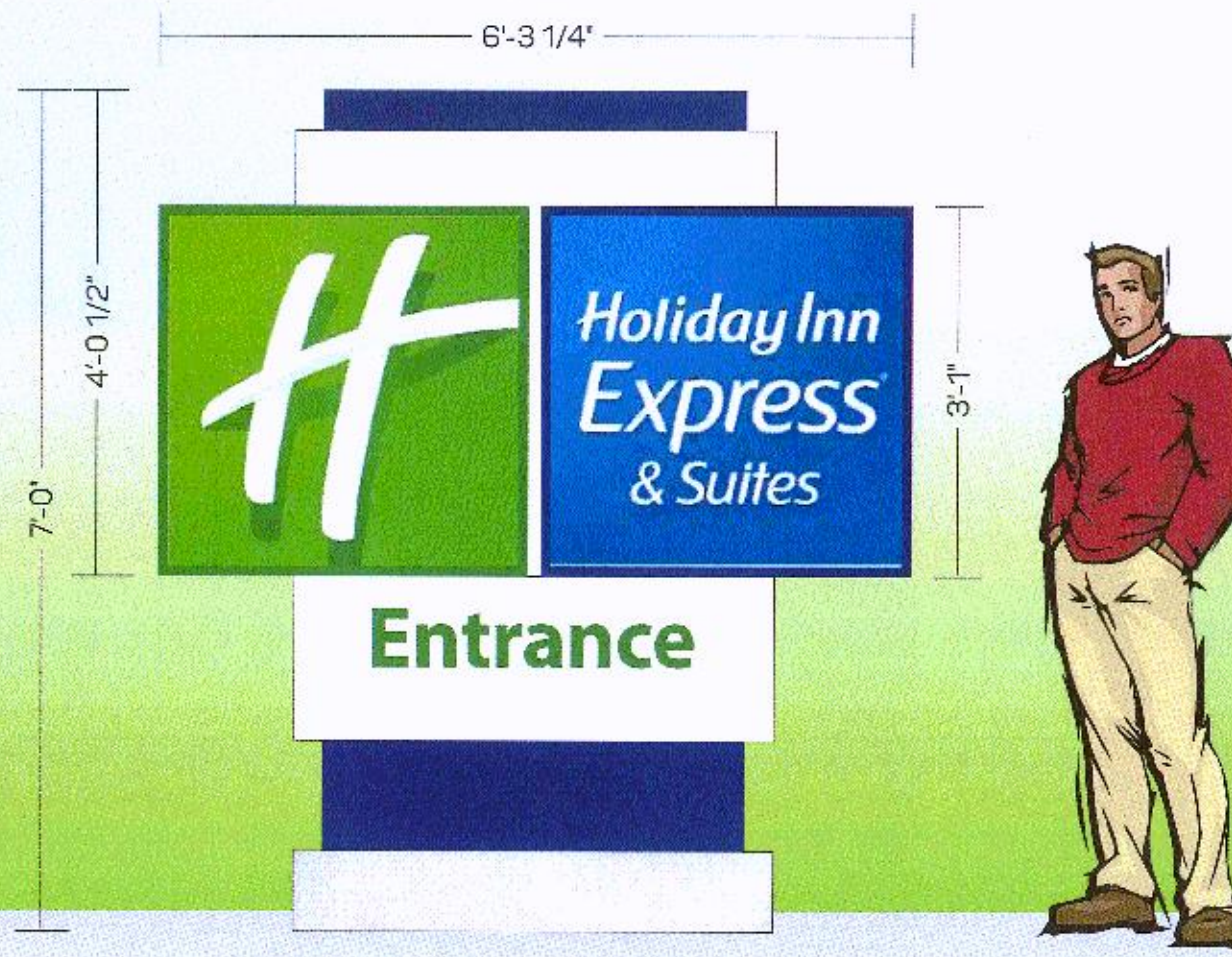
NOTE: DO NOT SHEETROCK THE WALLS WHERE SIGNS ARE LOCATED

APPROVAL BOX - PLEASE INITIAL

CUSTOMER APPROVAL	Date

NOTE: Elevation drawings are for customer approval only, drawings are not to be used as any installation guide, all dimensions must be verified before installation.

Customer: HOLIDAY INN EXPRESS & SUITES	Date: 07/27/18	Prepared By: KH/SC/CB/ AT/TJ/KH/CB	NOTE: Color output may not be exact. Colors are approximate. All colors used are PMS or the closest CMYK equivalent. If these colors are not available, please provide a color match and a revision to this drawing will be made.		DISTRIBUTED BY SIGN UP COMPANY 700 21st Street Southwest PO Box 210 Watertown, SD 57201-0210 1.800.843.9888 • www.personasigns.com
Location: BLOOMINGTON, MN	File Name: 167293 - R10 - BLOOMINGTON MN	Eng: -			


 GRAPHIC DETAIL
 SCALE: 1/2" = 1'-0"

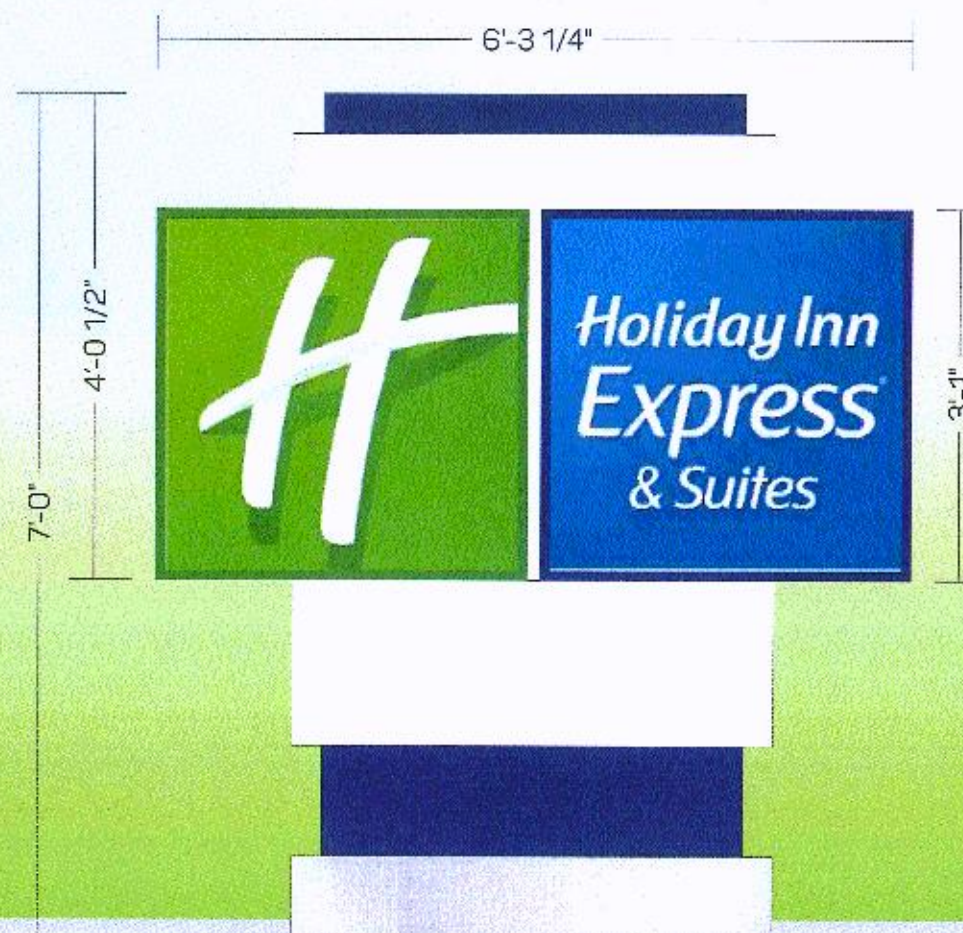
 PROPOSED: XPS-20
 4'-0 1/2" X 6'-3 1/4" MONUMENT AT X 7'-0" OAH
 BOXED AREA: 25.34 SQ FT

APPROVAL BOX - PLEASE INITIAL

CUSTOMER APPROVAL		Date
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NOTE: Elevation drawings are for customer approval only, drawings are not to be used as any installation guide, all dimensions must be verified before installation.

Customer: HOLIDAY INN EXPRESS & SUITES	Date: 06/12/18	Prepared By: KH/SC/CB	Note: Colors shown may not be exact when printed. All colors used are PMS or the closest CMYK equivalent. If these colors are not available, please contact the sign company for a color match and revision to this drawing will be made.	 persona SIGNS LIGHTING IMAGE	DISTRIBUTED BY SIGN UP COMPANY 700 21st Street Southwest PO Box 210 Watertown, SD 57201-0210 1.800.843.9888 • www.personasigns.com
Location: BLOOMINGTON, MN	File Name: 167293 - R10 - BLOOMINGTON MN	Eng: -			



GRAPHIC DETAIL
SCALE: 1/2" = 1'-0"

PROPOSED: XPS-20
4'-0 1/2" X 6'-3 1/4" MONUMENT AT X 7'-0" OAH
BOXED AREA: 25.34 SQ FT

APPROVAL BOX - PLEASE INITIAL

CUSTOMER APPROVAL

Date

NOTE: Elevation drawings are for customer approval only, drawings are not to be used as any installation guide, all dimensions must be verified before installation.

Customer:
HOLIDAY INN EXPRESS & SUITES

Date:
06/22/18

Prepared By:
KH

Note: Colors represent what the sign will look like in the field. All colors are subject to change without notice. Colors are not to be used as a guide for the final sign. Colors are subject to change without notice. Colors are not to be used as a guide for the final sign.

Location:
BLOOMINGTON, MN

File Name:
167293 - R10 - BLOOMINGTON MN

Eng:
-

persona
SIGNS | LIGHTING | IMAGE

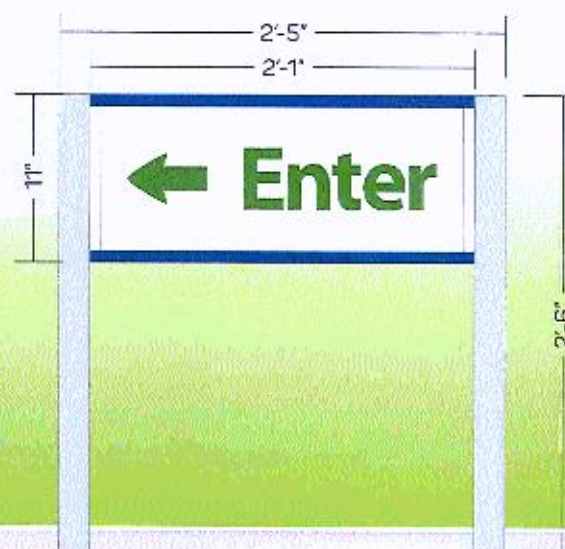
DISTRIBUTED BY SIGN UP COMPANY
700 21st Street Southwest
PO Box 210
Watertown, SD 57201-0210
1.800.843.9888 • www.personasigns.com

7

LSD # 223
 Approved
 Zoning Review Only
 17 Oct 11/5/18

Enter →

REVERSE SIDE



GRAPHIC DETAIL
 SCALE: 1" = 1'-0"

PROPOSED: XDGI-1
 11" X 2'-1" DIRECTIONAL AT 2'-6" OAH
 BOXED AREA: 1.91 SQ FT

APPROVAL BOX - PLEASE INITIAL

CUSTOMER APPROVAL

Date

NOTE: Elevation drawings are for customer approval only, drawings are not to be used as any installation guide, all dimensions must be verified before installation.

Customer:
HOLIDAY INN EXPRESS & SUITES

Date:
06/29/18

Prepared By:
KH

Note: Construction means and materials are subject to change without notice. All dimensions are approximate. If these dimensions are not correct, please provide the correct dimensions to the manufacturer.

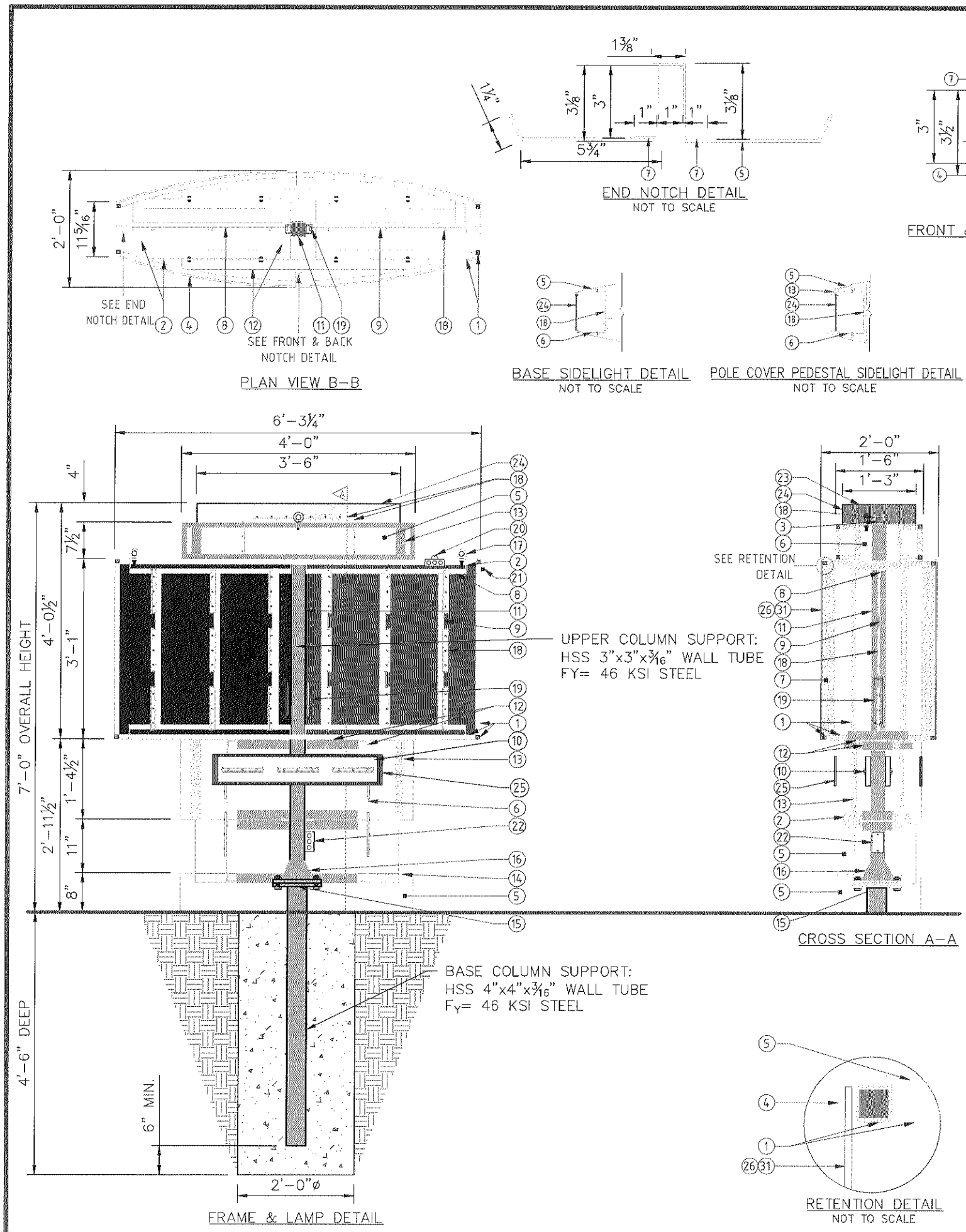
Location:
BLOOMINGTON, MN

File Name:
167293 - R13 - BLOOMINGTON MN

Eng.
 -

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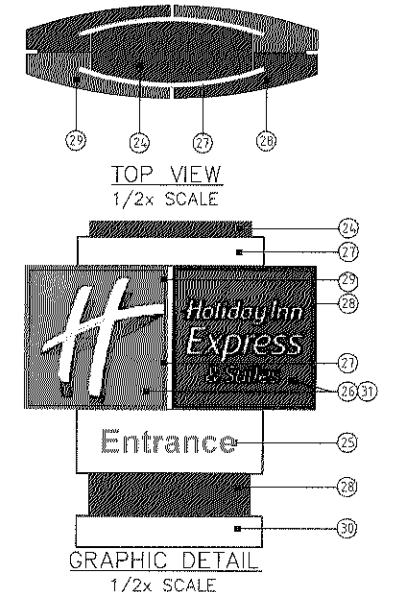


HOLIDAY INN EXPRESS & SUITES XPS-20 4 X 6 LED 7' OAH SPECIFICATIONS

NO.	PART/DESCRIPTION
1	1" X 1" X 1/8" ALUMINUM TUBE
2	1 1/2" X 1 1/2" X 3/16" ALUMINUM ANGLE
3	1 1/2" X 1 1/2" X 1/8" ALUMINUM TUBE
4	1 1/4" ALUMINUM RETAINER
5	1/8" ALUMINUM SKIN
6	.063" ALUMINUM LIGHT CHANNEL
7	.080" BENT ALUMINUM NOTCH
8	1" X 1" X 1/8" ALUMINUM ANGLE
9	ALUMINUM TENSION BAR
10	0.080" ALUMINUM LED PANEL
11	3" X 3" X 3/16" TUBE
12	2" X 2" X 3/16" ANGLE IRON
13	1" X 2" X 1/8" ALUMINUM TUBE
14	1/8" X 3/4" ALUMINUM STRAP
15	PLATE/MATCH PLATE (SEE PLATE DETAIL)
16	GUSSET
17	1/2" EYEBOLTS (QTY. 3)
18	GE 7100K WHITE LEDS AS REQUIRED
19	LED POWER SUPPLIES AS REQUIRED
20	DISCONNECT SWITCH
21	PHOTO CELL
22	ELECTRICAL OUT PROVISION: LEAVE IN ELECTRICAL BOX
23	.472" CLEAR ACRYLIC RIB
24	3/16" TUBELITE AZUL AI BLUE ACRYLIC
25	3/16" GREEN ACRYLIC BACKER
26	3/16" 2447 WHITE IMPACT MODIFIED ACRYLIC FACE
27	PAINT TO MATCH MATTHEWS MP57556 WHITE SATIN FINISH
28	PAINT TO MATCH MATTHEWS MP57452 BLUE SATIN FINISH
29	PAINT TO MATCH MATTHEWS MP57451 GREEN SATIN FINISH
30	PAINT TO MATCH MATTHEWS 41342SP BRUSHED ALUMINUM SATIN FINISH
31	OUTSOURCED GRAPHICS (1ST SURFACE)

USD # 223
 Approved
 Zoning Review Only
 Liz O'Day 11/5/18

NOTES:
 - ALUMINUM TUBE FRAME
 - 1 1/4" ALUMINUM RETAINERS
 - EXTERIOR FINISH: PAINT TO MATCH MATTHEWS MP57556 WHITE, MATTHEWS MP57452 BLUE, MATTHEWS MP57451 SATIN GREEN
 - INTERIOR FINISH: PAINTED REFLECTIVE WHITE
 - RETAINERS REMOVABLE FOR SERVICE ACCESS
 - U.L. LISTED
 - ELECTRICAL: 2.20 AMPS/120 VOLTS
 BOXED = 37.63
 ACTUAL = 30.52



- GENERAL NOTES:**
- All design, detailing, fabricating and construction shall conform to the following codes and specifications:
 - The 2015 Minnesota State Building Code.
 - Incorporates the 2012 International Building Code with amendments.
 - American Society of Testing and Materials (ASTM) specifications.
 - Building Code Requirements for Reinforced concrete (ACI 318--(Current Edition)).
 - Code for Welding in Building Construction of the American Welding Society.
 - Specification for the Design, Fabrication and Erection of Structural Steel for Buildings by The American Institute of Steel Construction (AISC) (Current Edition).
 - Aluminum Association Aluminum Design Manual (2005 Edition).
 - Concrete shall be $f'_c=2,500$ P.S.I. @ 28 days Compressive Strength, STD WT (150 P.C.F.)
 - Reinforcing Steel shall be ASTM A-615 Grade 60, (if required).
 - All reinforcing steel shall be free from mud, oil, rust or coatings that would reduce or destroy bond.
 - All reinforcing bars shall lap 30 diameters minimum, except as noted.
 - Minimum concrete cover on ties, stirrups and main bars shall be 3/4 inch for slab, wall and surfaces not exposed to weather or in contact with ground; 3 inches for unformed surfaces deposited against the ground except as noted.
 - Structural Material Specifications:
 - Aluminum shapes shall be extruded from 6061-T6 alloy. Welding filler alloy shall be 4043.
 - Structural Steel and Plates shall be ASTM A-36.
 - W-Shape beams shall be ASTM A-992 ($F_y=50$ ksi) Minimum
 - Structural tubing shall be ASTM A-500, Grade B, ($F_y=46$ ksi)
 - Structural piping shall be ASTM A-53, Grade B, Type E or S, ($F_y=35$ ksi), ASTM A572 Grade 42 ($F_y=42$ ksi) or ASTM A572 Grade 50 ($F_y=50$ ksi), (see drawing for individual member specifications).
 - High strength bolts (if required) for connections shall be ASTM A-325, unless otherwise noted.
 - Welding electrodes shall comply with AWS D1.1--(Current Edition), E70XX. (All welding to be done by welder certified for specified weld type.)
 - Design Wind Speed, $V_{ULT}=115$ MPH (ASCE 7-10)
 Equivalent Wind Load, $P_{ASD}=18.4$ PSF @ 7'-0" above the ground (3 Sec Wind Gusts.)
 Exposure III Risk Category II $I_f=1.0$ $G=0.85$
 - Soil Bearing Capacity Requirements:
 - Minimum Allowable Vertical Bearing Capacity shall be 1,500 P.S.F.
 - Minimum Lateral Bearing Capacity shall be $(300 \text{ PSF} \times 2)=600$ P.S.F. per foot of depth. (Times two increase per IBC Section 1806.3.4)
 - Contractor shall verify all dimensions and conditions in the field before erection and notify the Engineer of any discrepancies.

FOR ADDITIONAL DETAILS SEE SHEET 2

NOTICE:
 T.E.S. is responsible for column supports, plate connections & foundation design only. Signs and all sign face attachments are the responsibility of the sign manufacturer. This drawing is for permit procurement purposes only and is for the sole use of T.E.S. and it's designees. Unauthorized use is strictly prohibited.

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Holiday Inn Express & Suite | Monument Sign 4'-0 1/2" x 6'-3 1/4" @ 7'-0" O.A.H.
 Location: Holiday Inn Express & Suite, 1225 East 78th Street, Bloomington, MN 55425

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 THOMPSON ENGINEERING SERVICES, LLC
 Serving The Industry Since 1984
 Phone: (423)781-7336 Fax: (423)781-7337
 Email: engineering@tesengrs.com Website: tesengrs.com
 P.O. Box 1500, Englewood, TN 37329

DRAWN BY:	D.P. Ward
DATE:	September 4, 2018
PERSONA P.O.#	250746
SCALE:	1/2" = 1'-0"
PROJ.#	089818
DWG.#	EB-7578
SHEET	1 OF 2

PROFESSIONAL ENGINEER
 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

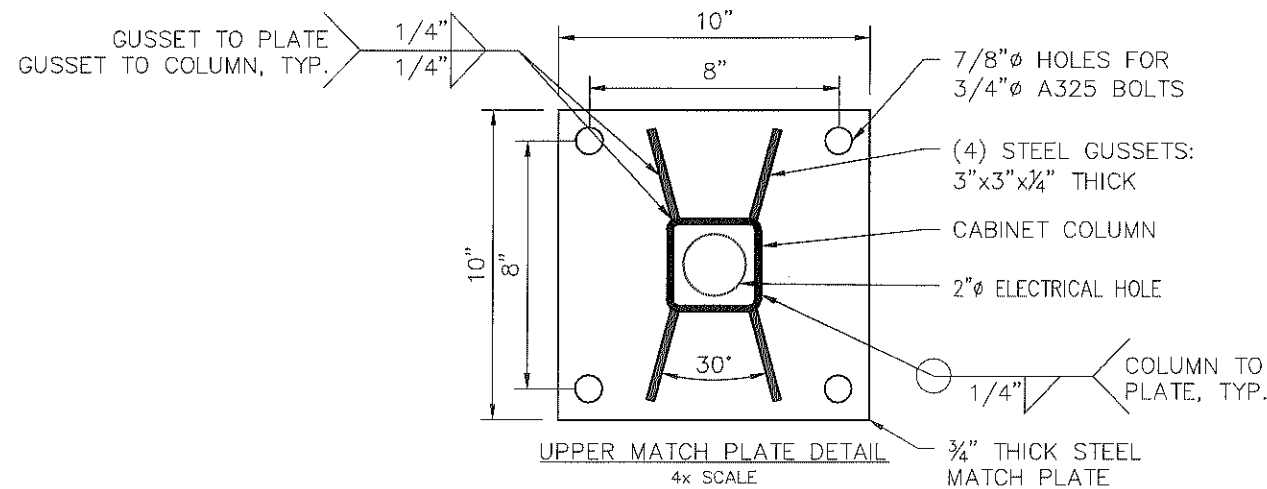
Print Name: Carl E. Thompson, Jr.
 Signature: Carl E. Thompson, Jr.
 Date 9/4/18 License # 26035

CARL E. THOMPSON, JR., P.E.

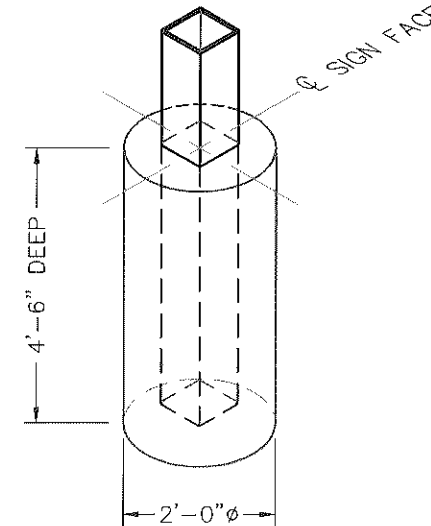
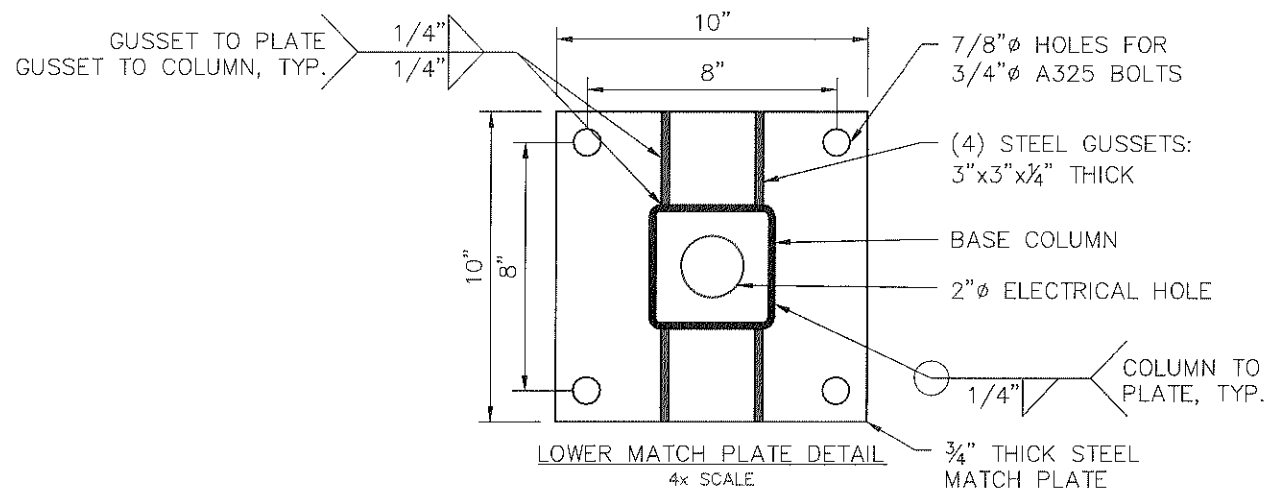
USD # 223
Approved
Zoning Review Only
Liz O'Day 11/5/18

GENERAL NOTES:

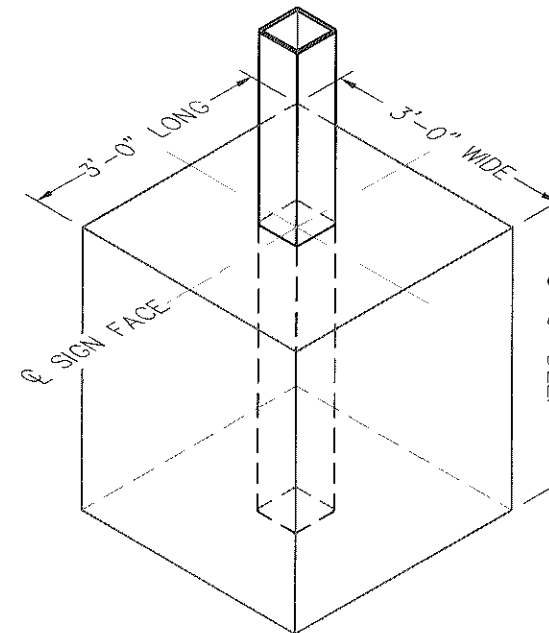
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- Contractor shall verify all dimensions and conditions in the field before erection and notify the Engineer of any discrepancies.



PARTICULAR CARE SHALL BE TAKEN TO PROVIDE SUFFICIENT PREHEAT OF THE THICKER ELEMENT FOR THE SOUNDNESS OF THE WELD. OTHERWISE, USE 5/16" MIN. WELD.



AUGURED FOOTING OPTION DETAIL
DIRECT BURIAL (REBAR NOT REQUIRED)
NOT TO SCALE



CUBE FOOTING OPTION DETAIL
DIRECT BURIAL (REBAR NOT REQUIRED)
NOT TO SCALE

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Location: Holiday Inn Express & Suite, 1225 East 78th Street, Bloomington, MN 55425

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P.O. Box 1500, Englewood, TN 37329

DRAWN BY: D.P. Ward
DATE: September 4, 2018
PERSONA P.O.# 250746
SCALE: 1/2" = 1'-0"
PROJ.# 089818
DWG.# EB-7578
SHEET 2 OF 2

PROFESSIONAL ENGINEER

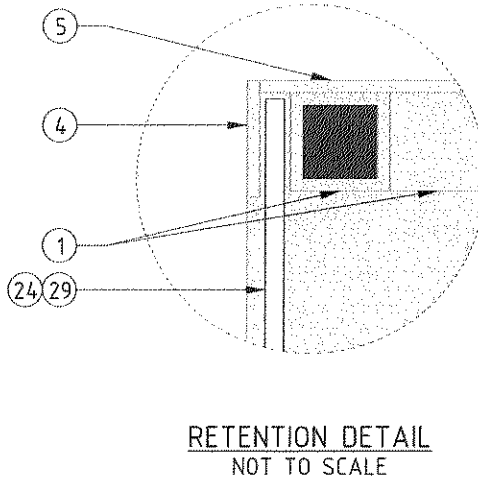
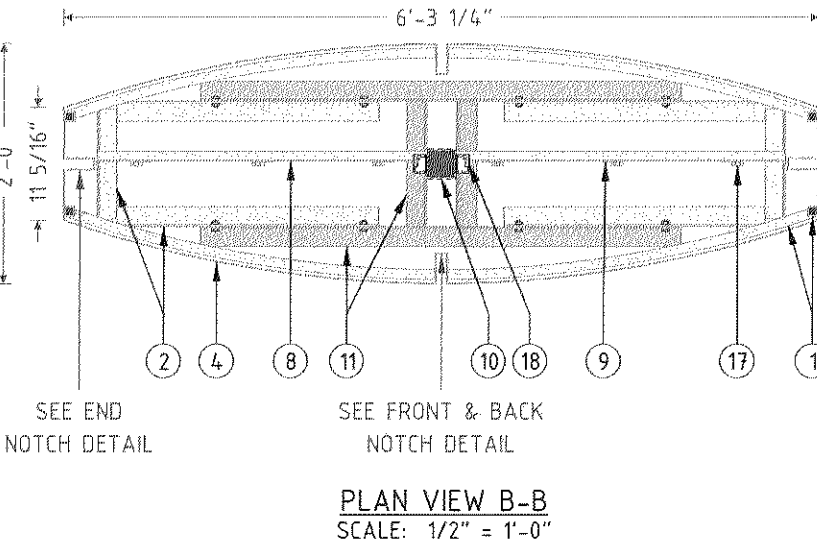
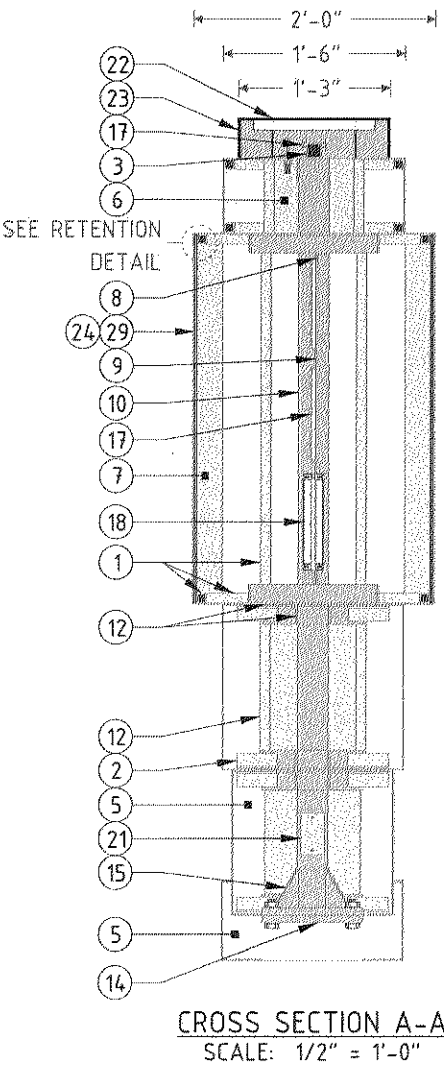
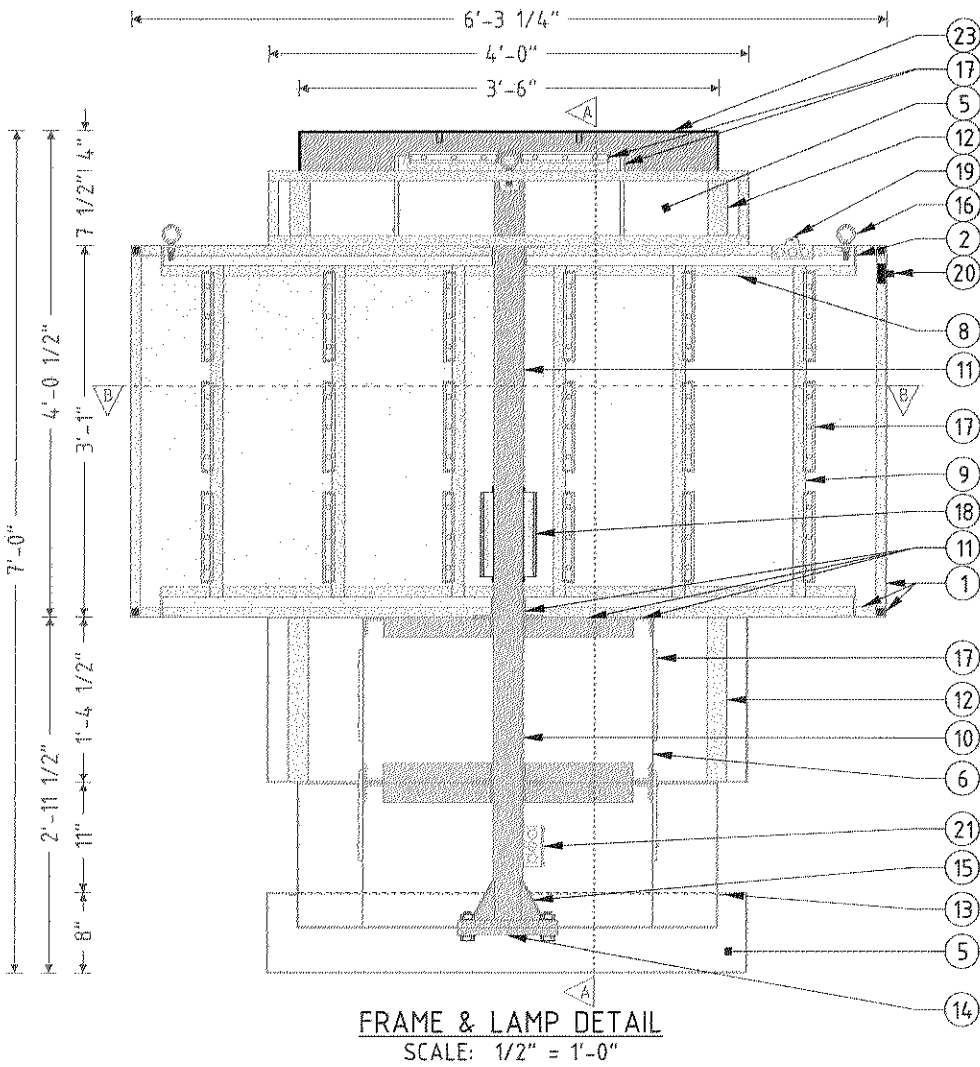
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

Print Name: Carl E. Thompson, Jr.

Signature: *Carl E. Thompson*

Date 9/4/18 License # 26035

CARL E. THOMPSON, JR., P.E.



HOLIDAY INN EXPRESS & SUITES XPS-20 4 X 6 LED 7' OAH SPECIFICATIONS	
NO.	PART/DESCRIPTION
1	1" X 1" X 1/8" ALUMINUM TUBE
2	1 1/2" X 1 1/2" X 3/16" ALUMINUM ANGLE
3	1 1/2" X 1 1/2" X 1/8" ALUMINUM TUBE
4	1 1/4" ALUMINUM RETAINER
5	1/8" ALUMINUM SKIN
6	.063" ALUMINUM LIGHT CHANNEL
7	.080" BENT ALUMINUM NOTCH
8	1" X 1" X 1/8" ALUMINUM ANGLE
9	ALUMINUM TENSION BAR
10	3" X 3" X 3/16" TUBE
11	2" X 2" X 3/16" ANGLE IRON
12	1" X 2" X 1/8" ALUMINUM TUBE
13	1/8" X 3/4" ALUMINUM STRAP
14	PLATE/MATCH PLATE (SEE PLATE DETAIL)
15	GUSSET
16	1/2" EYEBOLTS (QTY. 3)
17	GE 7100K WHITE LEDS AS REQUIRED
18	LED POWER SUPPLIES AS REQUIRED
19	DISCONNECT SWITCH
20	PHOTO CELL
21	ELECTRICAL OUT PROVISION: LEAVE IN ELECTRICAL BOX
22	.472" CLEAR ACRYLIC RIB
23	3/16" TUBELITE AZUL AI BLUE ACRYLIC
24	3/16" 2447 WHITE IMPACT MODIFIED ACRYLIC FACE
25	PAINT TO MATCH MATTHEWS MP57556 WHITE SATIN FINISH
26	PAINT TO MATCH MATTHEWS MP57452 BLUE SATIN FINISH
27	PAINT TO MATCH MATTHEWS MP57451 GREEN SATIN FINISH
28	PAINT TO MATCH MATTHEWS 41342SP BRUSHED ALUMINUM SATIN FINISH
29	OUTSOURCED GRAPHICS (1ST SURFACE)

- NOTES:
- DESIGN FACTOR: TO BE DETERMINED
 - ALUMINUM TUBE FRAME
 - 1 1/4" ALUMINUM RETAINERS
 - EXTERIOR FINISH: PAINT TO MATCH MATTHEWS MP57556 WHITE, MATTHEWS MP57452 BLUE, MATTHEWS MP57451 SATIN GREEN
 - INTERIOR FINISH: PAINTED REFLECTIVE WHITE
 - RETAINERS REMOVABLE FOR SERVICE ACCESS
 - U.L. LISTED
 - ELECTRICAL: 2.20 AMPS/120 VOLTS
 - SQUARE FOOTAGE: BOXED = 37.63 ACTUAL: 30.52

Customer:
HOLIDAY INN EXPRESS & SUITES

Date:
9/4/18

Prepared By:
CM

MODEL BY:
-

Note: Color output may not be exact when viewing or printing this drawing. All colors used are PMS or the closest CMYK equivalent. If these colors are incorrect, please provide the correct PMS match and a revision to this drawing will be made.

Location:
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GRAPHIC DETAIL
SCALE: 3/8" = 1'-0"



TOP VIEW
SCALE: 3/8" = 1'-0"

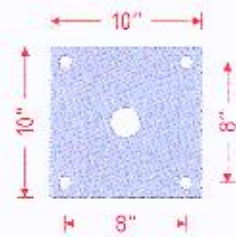
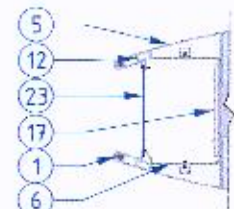


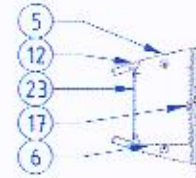
PLATE DETAIL
SCALE: 3/4" = 1'-0"

3/4" X 10" X 10" PLATES
7/8" HOLES
3/4" BOLTS

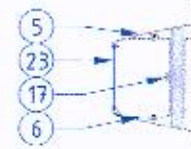
PLATE WILL ACCEPT:
8" PIPE
6" TUBE



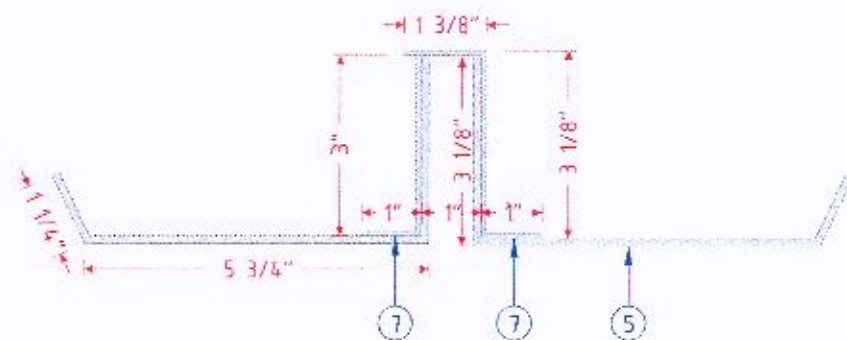
TOP PEDESTAL SIDELITE DETAIL
NOT TO SCALE



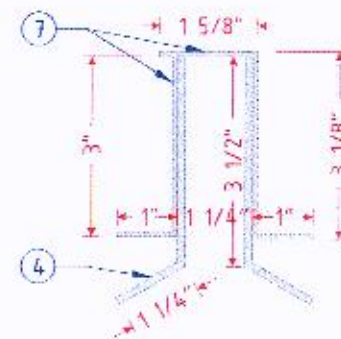
PEDESTAL SIDELITE DETAIL
NOT TO SCALE



BASE SIDELITE DETAIL
NOT TO SCALE



END NOTCH DETAIL
SCALE: 3" = 1'-0"



FRONT & BACK NOTCH DETAIL
SCALE: 3" = 1'-0"

HOLIDAY INN EXPRESS & SUITES XPS-20 4 X 6 LED 7' OAH SPECIFICATIONS	
NO.	PART/DESCRIPTION
1	1" X 1" X 1/8" ALUMINUM TUBE
2	1 1/2" X 1 1/2" X 3/16" ALUMINUM ANGLE
3	1 1/2" X 1 1/2" X 1/8" ALUMINUM TUBE
4	1 1/4" ALUMINUM RETAINER
5	1/8" ALUMINUM SKIN
6	.063" ALUMINUM LIGHT CHANNEL
7	.080" BENT ALUMINUM NOTCH
8	1" X 1" X 1/8" ALUMINUM ANGLE
9	ALUMINUM TENSION BAR
10	3" X 3" X 3/16" TUBE
11	2" X 2" X 3/16" ANGLE IRON
12	1" X 2" X 1/8" ALUMINUM TUBE
13	1/8" X 3/4" ALUMINUM STRAP
14	PLATE/MATCH PLATE (SEE PLATE DETAIL)
15	GUSSET
16	1/2" EYEBOLTS (QTY. 3)
17	GE 7100K WHITE LEDS AS REQUIRED
18	LED POWER SUPPLIES AS REQUIRED
19	DISCONNECT SWITCH
20	PHOTO CELL
21	ELECTRICAL OUT PROVISION: LEAVE IN ELECTRICAL BOX
22	.472" CLEAR ACRYLIC RIB
23	3/16" TUBELITE AZUL AI BLUE ACRYLIC
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- ALUMINUM TUBE FRAME
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- U.L. LISTED
- ELECTRICAL: 2.20 AMPS/120 VOLTS
- SQUARE FOOTAGE: BOXED = 37.63 ACTUAL: 30.52

Customer:
HOLIDAY INN EXPRESS & SUITES

Date:
9/4/18

Prepared By:
CM

MODEL BY:
-

Note: Color output may not be exact when viewing or printing this drawing. All colors used are PMS or the closest CMYK equivalent. If there is a color mismatch, please provide the correct PMS match and a revision to this drawing will be made.

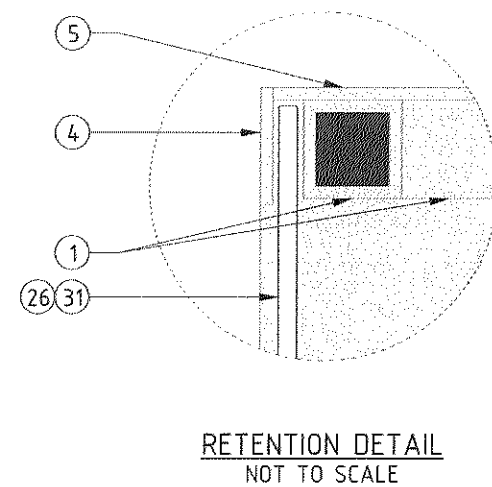
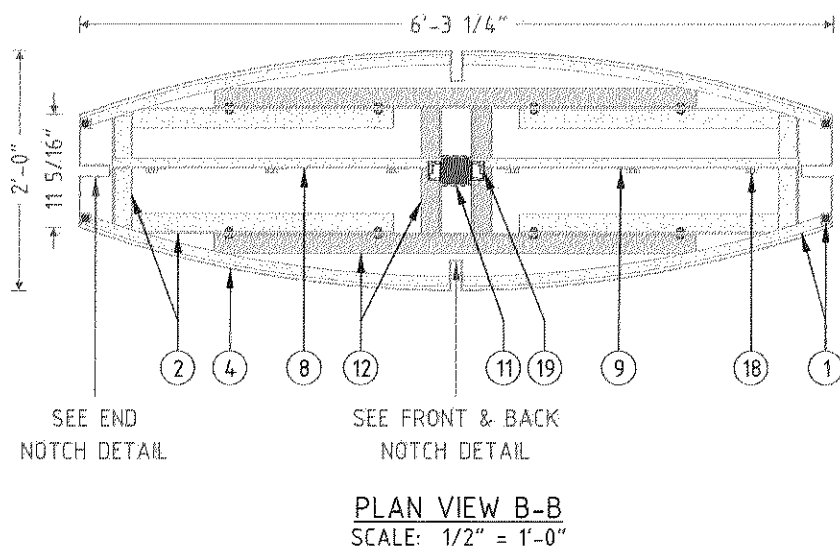
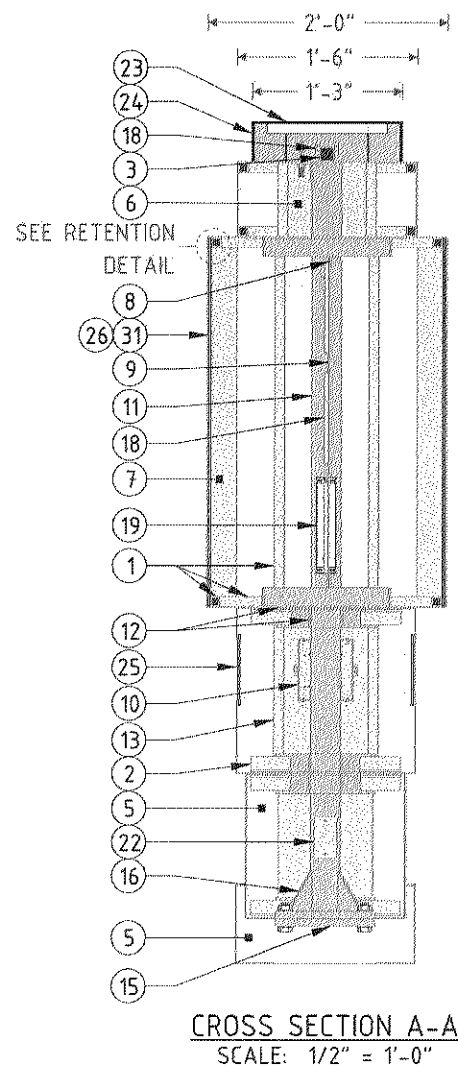
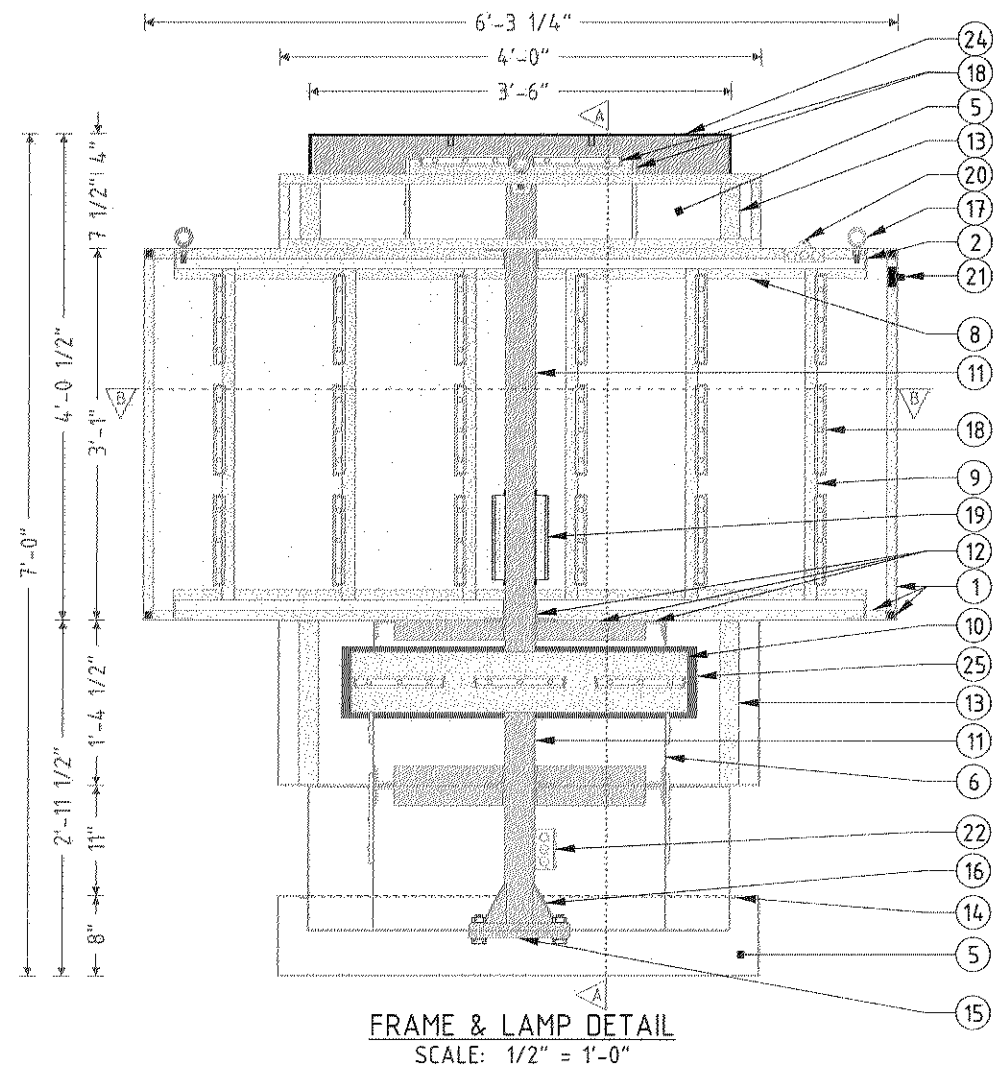
Location:
BLOOMINGTON, MN

Item number:
HOLIES-4X6DFR11SAT07-C

File Name:
167293 - BLOOMINGTON, MN - C-PRINTS

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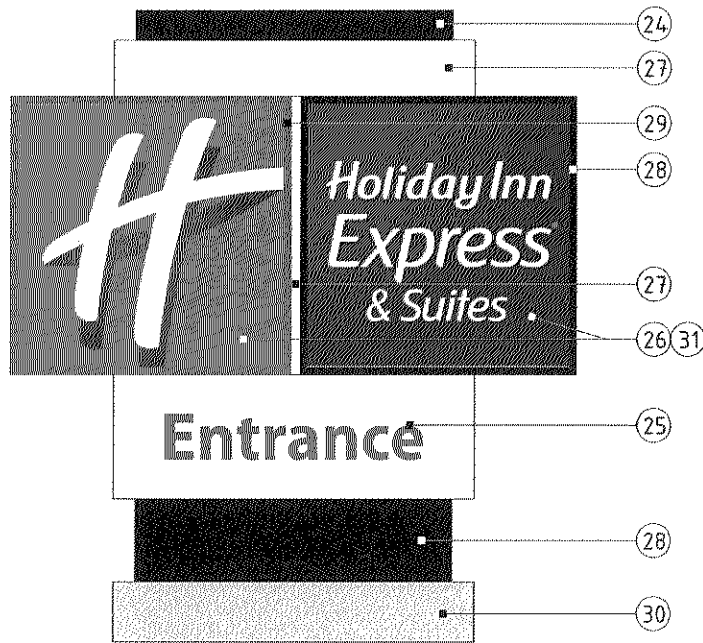
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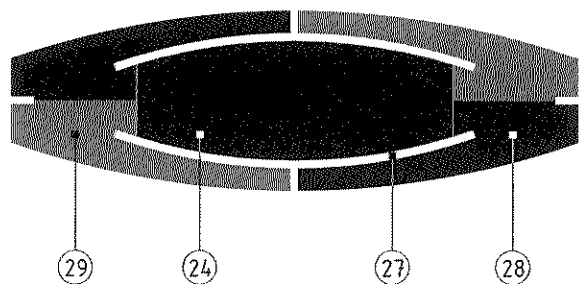
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28	PAINT TO MATCH MATTHEWS MP57452 BLUE SATIN FINISH
29	PAINT TO MATCH MATTHEWS MP57451 GREEN SATIN FINISH
30	PAINT TO MATCH MATTHEWS 41342SP BRUSHED ALUMINUM SATIN FINISH
31	OUTSOURCED GRAPHICS (1ST SURFACE)

- NOTES:
- DESIGN FACTOR: TO BE DETERMINED
 - ALUMINUM TUBE FRAME
 - 1 1/4" ALUMINUM RETAINERS
 - EXTERIOR FINISH: PAINT TO MATCH MATTHEWS MP57556 WHITE, MATTHEWS MP57452 BLUE, MATTHEWS MP57451 SATIN GREEN
 - INTERIOR FINISH: PAINTED REFLECTIVE WHITE
 - RETAINERS REMOVABLE FOR SERVICE ACCESS
 - U.L. LISTED
 - ELECTRICAL: 2.20 AMPS/120 VOLTS
 - SQUARE FOOTAGE: BOXED = 37.63 ACTUAL: 30.52

Customer: HOLIDAY INN EXPRESS & SUITES	Date: 02/23/18	Prepared By: JW/AP	Note: Color output may not be exact when viewing or printing this drawing. All colors used are FMS or the closest CMYK equivalent. If these colors are incorrect, please provide the correct PMS match and a revision to this drawing will be made.
Item Number: HOLIES-4X6DFRLD115AT07-S	File Name: HOLIES XPS-20 4 X 6 DOUBLE FACE LED MONUMENT 7' OAH	Revision: 1	
 SIGNS LIGHTING IMAGE			DISTRIBUTED BY SIGN UP COMPANY 700 21st Street Southwest PO Box 210 Watertown, SD 57201-0210 1.800.843.9888 • www.personasigns.com



GRAPHIC DETAIL
SCALE: 3/8" = 1'-0"



TOP VIEW
SCALE: 3/8" = 1'-0"

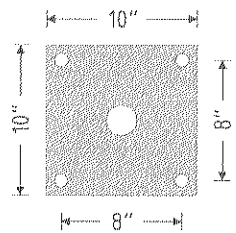
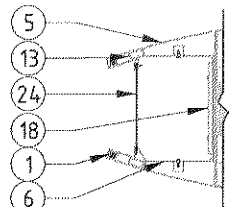


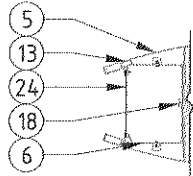
PLATE DETAIL
SCALE: 3/4" = 1'-0"

3/4" X 10" X 10" PLATES
7/8" HOLES
3/4" BOLTS

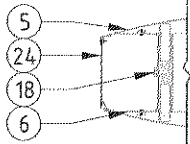
PLATE WILL ACCEPT:
8" PIPE
6" TUBE



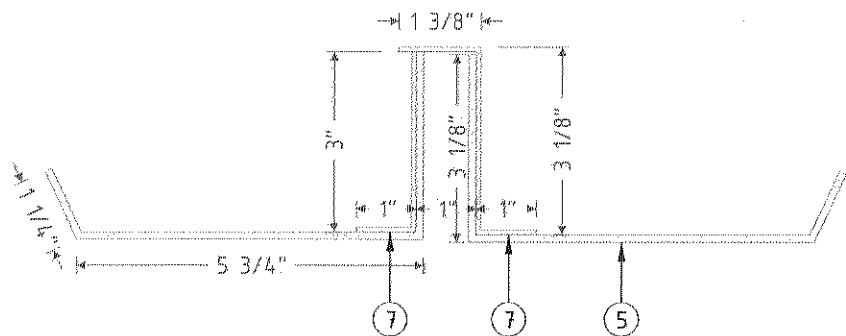
TOP PEDESTAL SIDELITE DETAIL
NOT TO SCALE



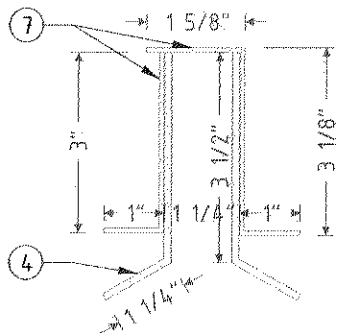
PEDESTAL SIDELITE DETAIL
NOT TO SCALE



BASE SIDELITE DETAIL
NOT TO SCALE



END NOTCH DETAIL
SCALE: 3" = 1'-0"



FRONT & BACK NOTCH DETAIL
SCALE: 3" = 1'-0"

HOLIDAY INN EXPRESS & SUITES XPS-20 4 X 6 LED 7' OAH SPECIFICATIONS	
NO.	PART/DESCRIPTION
1	1" X 1" X 1/8" ALUMINUM TUBE
2	1 1/2" X 1 1/2" X 3/16" ALUMINUM ANGLE
3	1 1/2" X 1 1/2" X 1/8" ALUMINUM TUBE
4	1 1/4" ALUMINUM RETAINER
5	1/8" ALUMINUM SKIN
6	.063" ALUMINUM LIGHT CHANNEL
7	.080" BENT ALUMINUM NOTCH
8	1" X 1" X 1/8" ALUMINUM ANGLE
9	ALUMINUM TENSION BAR
10	.080" ALUMINUM LED PANEL
11	3" X 3" X 3/16" TUBE
12	2" X 2" X 3/16" ANGLE IRON
13	1" X 2" X 1/8" ALUMINUM TUBE
14	1/8" X 3/4" ALUMINUM STRAP
15	PLATE/MATCH PLATE (SEE PLATE DETAIL)
16	GUSSET
17	1/2" EYEBOLTS (QTY. 3)
18	GE 7100K WHITE LEDS AS REQUIRED
19	LED POWER SUPPLIES AS REQUIRED
20	DISCONNECT SWITCH
21	PHOTO CELL
22	ELECTRICAL OUT PROVISION: LEAVE IN ELECTRICAL BOX
23	.472" CLEAR ACRYLIC RIB
24	3/16" TUBELITE AZUL AI BLUE ACRYLIC
25	3/16" GREEN ACRYLIC BACKER
26	3/16" 2447 WHITE IMPACT MODIFIED ACRYLIC FACE
27	PAINT TO MATCH MATTHEWS MP57556 WHITE SATIN FINISH
28	PAINT TO MATCH MATTHEWS MP57452 BLUE SATIN FINISH
29	PAINT TO MATCH MATTHEWS MP57451 GREEN SATIN FINISH
30	PAINT TO MATCH MATTHEWS 41342SP BRUSHED ALUMINUM SATIN FINISH
31	OUTSOURCED GRAPHICS (1ST SURFACE)

NOTES:

- DESIGN FACTOR: TO BE DETERMINED
- ALUMINUM TUBE FRAME
- 1 1/4" ALUMINUM RETAINERS
- EXTERIOR FINISH: PAINT TO MATCH MATTHEWS MP57556 WHITE, MATTHEWS MP57452 BLUE, MATTHEWS MP57451 SATIN GREEN
- INTERIOR FINISH: PAINTED REFLECTIVE WHITE
- RETAINERS REMOVABLE FOR SERVICE ACCESS
- U.L. LISTED
- ELECTRICAL: 2.20 AMPS/120 VOLTS
- SQUARE FOOTAGE: BOXED = 37.63 ACTUAL: 30.52

Customer:
HOLIDAY INN EXPRESS & SUITES

Date:
02/23/18

Prepared By:
JW/AP

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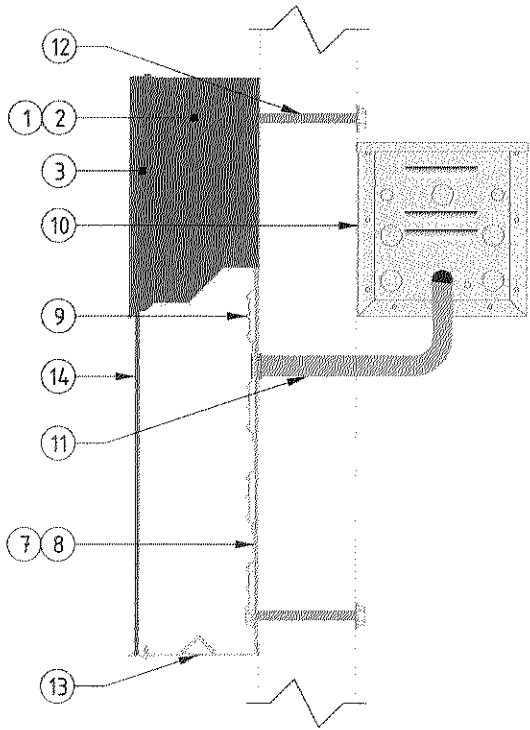
Item Number: HOLIES-4X6DFRLD115AT07-S

File Name:
HOLIES XPS-20 4 X 6 DOUBLE FACE LED MONUMENT 7' OAH

Revision:
1

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"HOLIDAY INN" LETTER PROFILE
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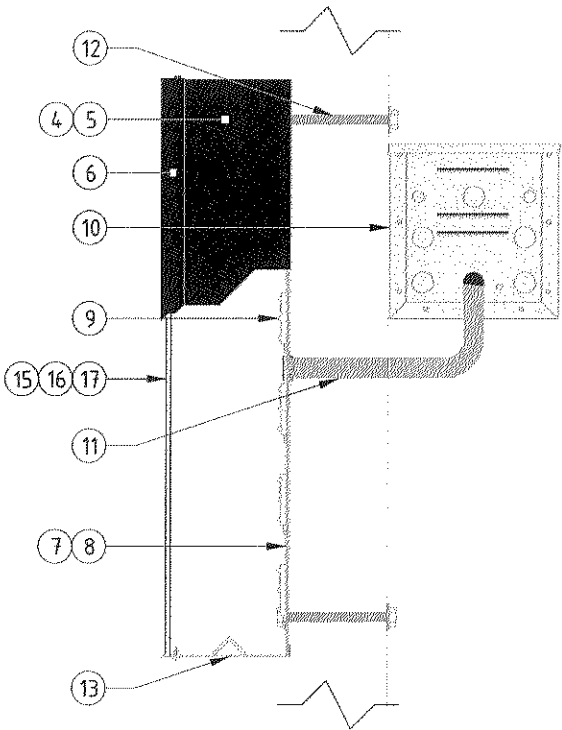


GRAPHIC DETAIL
NOT TO SCALE

HOLIDAY INN EXPRESS & SUITES STACKED CHANNEL LETTERS WITH MONOGRAM SPECIFICATIONS	
NO.	PART/DESCRIPTION
1	.050" x 5" ALUMINUM RETURNS PAINTED TO MATCH PMS 362 GREEN; BELOW 30"
2	.063" x 5" ALUMINUM RETURNS PAINTED TO MATCH PMS 362 GREEN; 30" & UP
3	1" TRIM CAP PAINTED TO MATCH PMS 362 GREEN
4	.050" x 5" ALUMINUM RETURNS PAINTED TO MATCH PMS REFLEX BLUE; BELOW 30"
5	.063" x 5" ALUMINUM RETURNS PAINTED TO MATCH PMS REFLEX BLUE; 30" & UP
6	1" TRIM CAP PAINTED TO MATCH PMS REFLEX BLUE
7	.063" ALUMINUM BACK; BELOW 30"
8	.080" ALUMINUM BACK; 30" & UP
9	GE 7100K WHITE LED'S AS REQUIRED
10	REMOTE POWER SUPPLIES AS REQUIRED
11	ELECTRICAL OUT PROVISION: THROUGH BACK, CENTER
12	MOUNTING HARDWARE AS DETERMINED BY SITE CONDITIONS
13	DRAIN HOLES WITH BAFFLE AS REQUIRED
14	.177" GREEN SOLAR GRADE ACRYLIC FACE
15	3/16" CLEAR ACRYLIC FACE
16	3M 3635-8485 BLUE PERFORATED VINYL (1ST SURFACE)
17	3M 3635-30 WHITE DIFFUSER FILM (2ND SURFACE)
18	STUD-MOUNTED ALUMINUM PAINTED PMS REFLEX BLUE W/ 3M 7725-10 WHITE OPAQUE VINYL BACKGROUND
19	SEE CORRESPONDING MONOGRAM CONSTRUCTION PRINT

NOTES:

- CHANNEL LETTER INTERIORS TO BE PAINTED REFLECTIVE WHITE
- CHANNEL LETTERS TO USE 120 VOLT STANDARD POWER
- U.L. LISTED
- FOR USE ON LIGHT COLORED BUILDINGS



"EXPRESS..." LETTER PROFILE
NOT TO SCALE

HOLIDAY INN EXPRESS & SUITES STACKED CHANNEL LETTERS WITH MONOGRAM STANDARD SIZES										
LETTER "H" HEIGHT	LETTER "E" HEIGHT	LETTER "S" HEIGHT	MONOGRAM HEIGHT	MONOGRAM LENGTH	OVERALL HEIGHT	OVERALL LENGTH	AMP LOAD LETTERS	AMP LOAD MONOGRAM	AMP LOAD TOTAL	BOXED SQUARE FOOTAGE
A	B	C	D	E	F	G				
1'-6 3/4"	2'-2"	1'-4 1/16"	3'-1"	3'-1"	10'-11 13/16"	9'-4"	1.70	0.65	2.35	99.00

Customer: **HOLIDAY INN
EXPRESS & SUITES**

Date: **02/26/18**

Prepared By: **RS/AP**

Note: Color output may not be exact when viewing or printing this drawing. All colors used are PMS or the closest CMYK equivalent. If these colors are incorrect, please provide the correct PMS match and a revision to this drawing will be made.

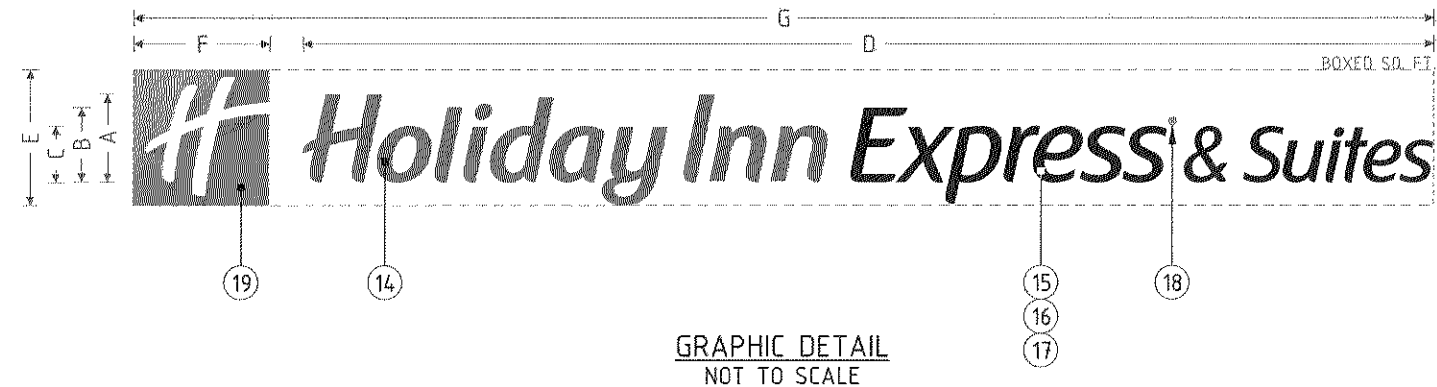
Item Number: **ITEM NUMBER**

File Name: **HOLIES STACKED CL W MONOGRAM-COLOR RT**

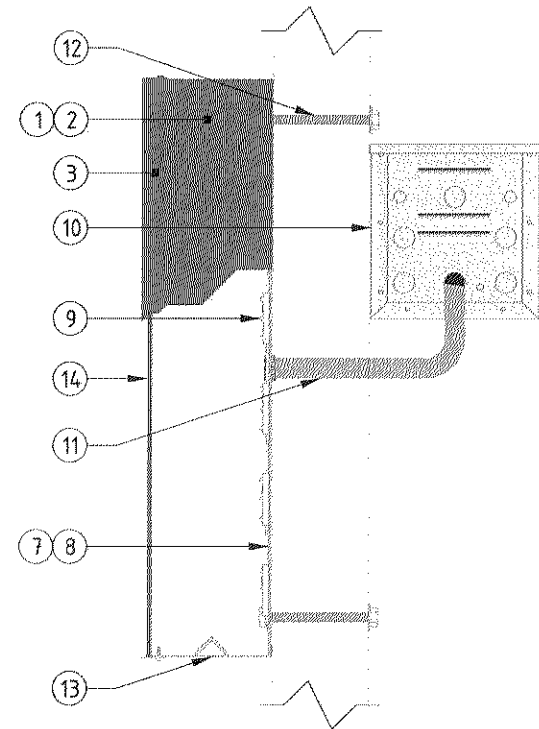
Revision: **1**

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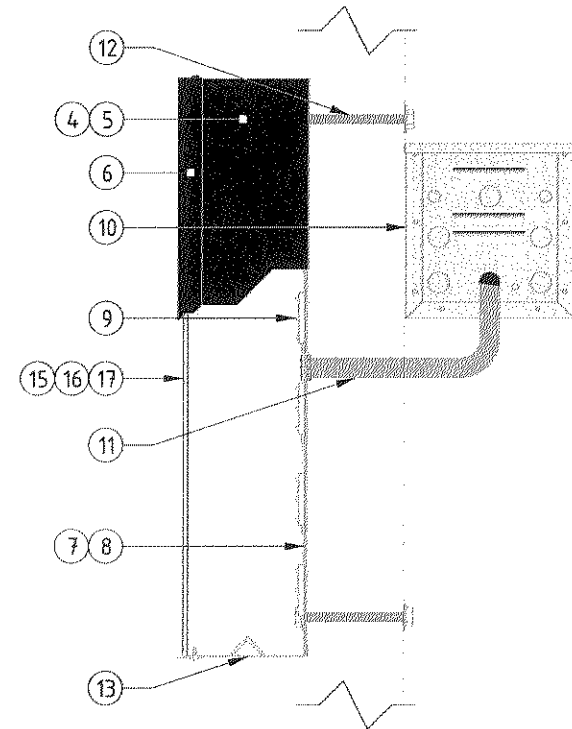
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"HOLIDAY INN" LETTER PROFILE
NOT TO SCALE



"EXPRESS..." LETTER PROFILE
NOT TO SCALE

HOLIDAY INN EXPRESS & SUITES LINEAR CHANNEL LETTERS WITH MONOGRAM & LARGE LETTERS SPECIFICATIONS	
NO.	PART/DESCRIPTION
1	.050" x 5" ALUMINUM RETURNS PAINTED TO MATCH PMS 362 GREEN; BELOW 30"
2	.063" x 5" ALUMINUM RETURNS PAINTED TO MATCH PMS 362 GREEN; 30" & UP
3	1" TRIM CAP PAINTED TO MATCH PMS 362 GREEN
4	.050" x 5" ALUMINUM RETURNS PAINTED TO MATCH PMS REFLEX BLUE; BELOW 30"
5	.063" x 5" ALUMINUM RETURNS PAINTED TO MATCH PMS REFLEX BLUE; 30" & UP
6	1" TRIM CAP PAINTED TO MATCH PMS REFLEX BLUE
7	.063" ALUMINUM BACK; BELOW 30"
8	.080" ALUMINUM BACK; 30" & UP
9	GE 7100K WHITE LED'S AS REQUIRED
10	REMOTE POWER SUPPLIES AS REQUIRED
11	ELECTRICAL OUT PROVISION: THROUGH BACK, CENTER
12	MOUNTING HARDWARE AS DETERMINED BY SITE CONDITIONS
13	DRAIN HOLES WITH BAFFLE AS REQUIRED
14	.177" GREEN SOLAR GRADE ACRYLIC FACE
15	3/16" CLEAR ACRYLIC FACE
16	3M 3635-8485 BLUE PERFORATED VINYL (1ST SURFACE)
17	3M 3635-30 WHITE DIFFUSER FILM (2ND SURFACE)
18	STUD-MOUNTED ALUMINUM PAINTED PMS REFLEX BLUE W/ 3M 7725-10 WHITE OPAQUE VINYL BACKGROUND
19	SEE CORRESPONDING MONOGRAM CONSTRUCTION PRINT

- NOTES:
- CHANNEL LETTER INTERIORS TO BE PAINTED REFLECTIVE WHITE
 - CHANNEL LETTERS TO USE 120 VOLT STANDARD POWER
 - U.L. LISTED
 - FOR USE ON LIGHT COLORED BUILDINGS

HOLIDAY INN EXPRESS & SUITES LINEAR CHANNEL LETTERS WITH MONOGRAM & LARGE LETTERS STANDARD SIZES											
LETTER "H" HEIGHT	LETTER "E" HEIGHT	LETTER "S" HEIGHT	COPY LENGTH	MONOGRAM HEIGHT	MONOGRAM LENGTH	OVERALL LENGTH	AMP LOAD LETTERS	AMP LOAD MONOGRAM	AMP LOAD TOTAL	BOXED SQUARE FOOTAGE	ACTUAL SQUARE FOOTAGE
A	B	C	D	E	F	G					
2'-0"	1'-8 1/4"	1'-3 1/2"	25'-7 1/2"	3'-1"	3'-1"	29'-5 1/2"	1.70	0.65	2.35	90.83	26.07

Customer: **HOLIDAY INN
EXPRESS & SUITES**

Date: **02/26/18**

Prepared By: **RS/AP**

Note: Color output may not be exact when viewing or printing this drawing. All colors used are PMS or the closest CMYK equivalent. If these colors are incorrect, please provide the correct PMS match and a revision to this drawing will be made.

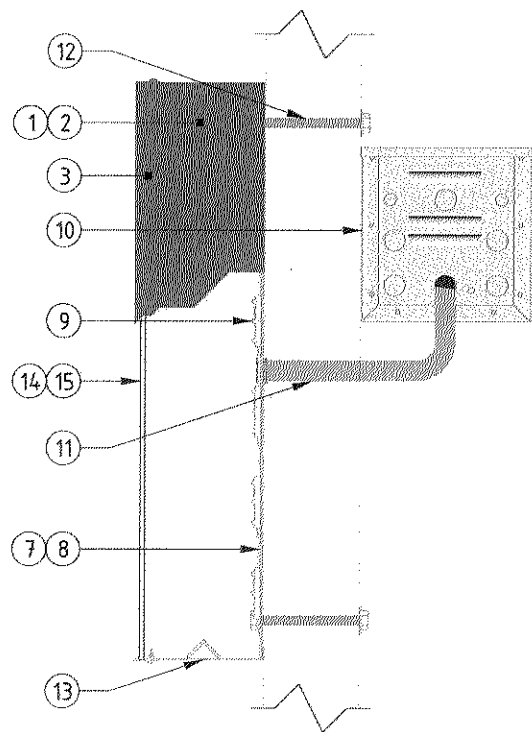
Item Number: ITEM NUMBER

File Name: **HOLIES LINEAR CL W MONOGRAM-COLOR-LARGE LTRS RT**

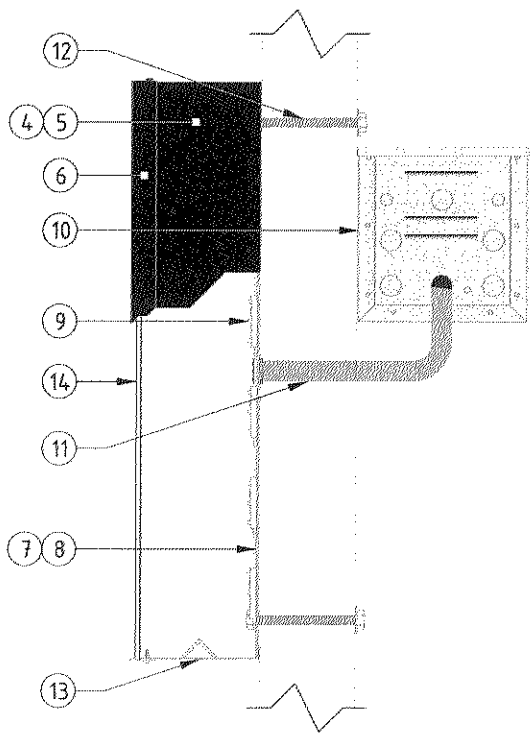
Revision: **1**

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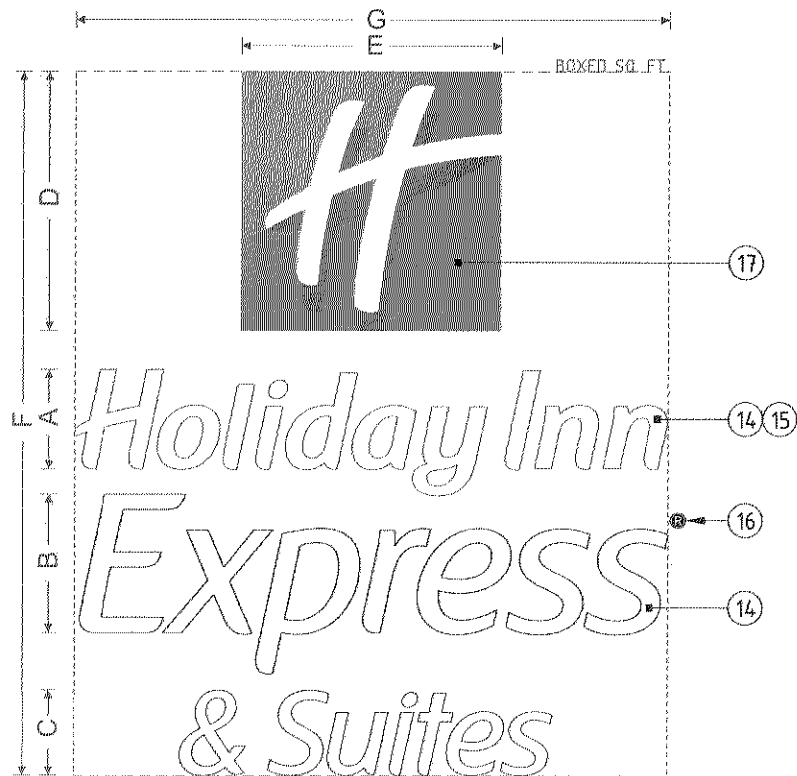
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"HOLIDAY INN" LETTER PROFILE
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"EXPRESS..." LETTER PROFILE
NOT TO SCALE



GRAPHIC DETAIL
NOT TO SCALE

HOLIDAY INN EXPRESS & SUITES STACKED CHANNEL LETTERS WITH MONOGRAM SPECIFICATIONS	
NO.	PART/DESCRIPTION
1	.050" x 5" ALUMINUM RETURNS PAINTED TO MATCH PMS 362 GREEN; BELOW 30"
2	.063" x 5" ALUMINUM RETURNS PAINTED TO MATCH PMS 362 GREEN; 30" & UP
3	1" TRIM CAP PAINTED TO MATCH PMS 362 GREEN
4	.050" x 5" ALUMINUM RETURNS PAINTED TO MATCH PMS REFLEX BLUE; BELOW 30"
5	.063" x 5" ALUMINUM RETURNS PAINTED TO MATCH PMS REFLEX BLUE; 30" & UP
6	1" TRIM CAP PAINTED TO MATCH PMS REFLEX BLUE
7	.063" ALUMINUM BACK; BELOW 30"
8	.080" ALUMINUM BACK; 30" & UP
9	GE 7100K WHITE LED'S AS REQUIRED
10	REMOTE POWER SUPPLIES AS REQUIRED
11	ELECTRICAL OUT PROVISION: THROUGH BACK, CENTER
12	MOUNTING HARDWARE AS DETERMINED BY SITE CONDITIONS
13	DRAIN HOLES WITH BAFFLE AS REQUIRED
14	3/16" WHITE ACRYLIC FACE
15	3M 3630-5684 GREEN VINYL (2ND SURFACE)
16	STUD-MOUNTED ALUMINUM PAINTED WHITE W/ 3M 3635-8485 BLUE VINYL BACKGROUND
17	SEE CORRESPONDING MONOGRAM CONSTRUCTION PRINT

NOTES:

- CHANNEL LETTER INTERIORS TO BE PAINTED REFLECTIVE WHITE
- CHANNEL LETTERS TO USE 120 VOLT STANDARD POWER
- U.L. LISTED
- FOR USE ON DARK COLORED BUILDINGS

HOLIDAY INN EXPRESS & SUITES STACKED CHANNEL LETTERS WITH MONOGRAM STANDARD SIZES											
LETTER "H" HEIGHT	LETTER "E" HEIGHT	LETTER "S" HEIGHT	MONOGRAM HEIGHT	MONOGRAM LENGTH	OVERALL HEIGHT	OVERALL LENGTH	AMP LOAD LETTERS	AMP LOAD MONOGRAM	AMP LOAD TOTAL	BOXED SQUARE FOOTAGE	ACTUAL SQUARE FOOTAGE
A	B	C	D	E	F	G					
2'-4"	3'-2 7/8"	1'-11 15/16"	6'-1"	6'-1"	16'-5 15/16"	13'-11"	2.90	1.95	4.85	229.53	72.45

Customer: **HOLIDAY INN
EXPRESS & SUITES**

Date: **02/26/18**

Prepared By: **RS/AP**

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Item Number: **ITEM NUMBER**

File Name: **HOLIES STACKED CL W MONOGRAM-WHITE RT**

Revision: **1**

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