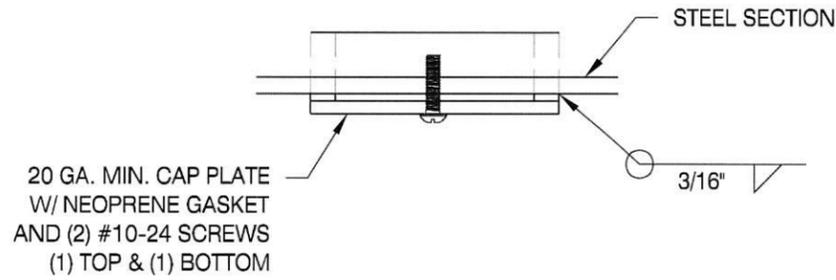
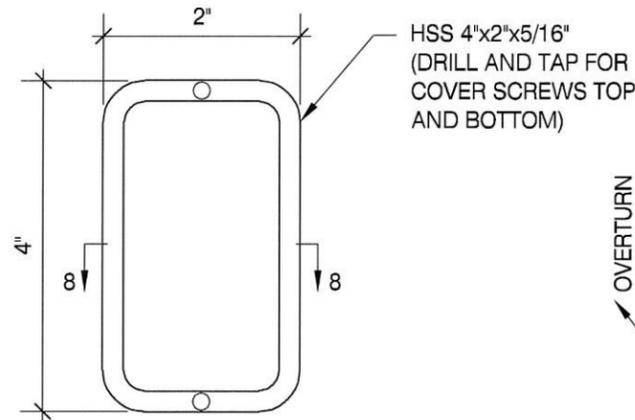


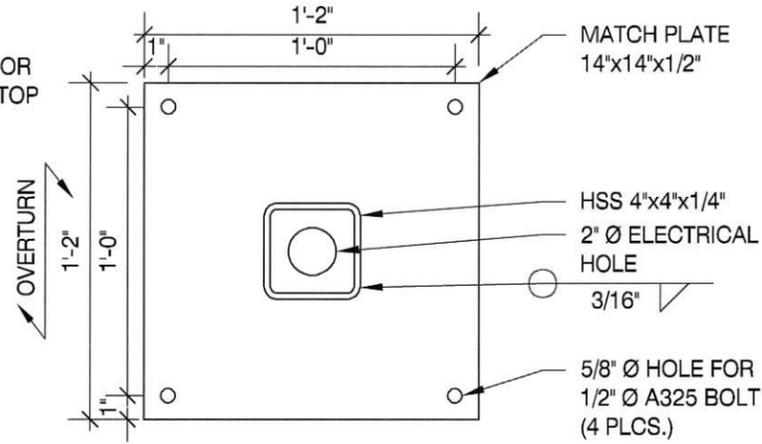
Welding to be done by an individual or fabricator who is WABO certified or approved by the Building Official to perform the work. All welds must be inspected and approved by a WABO certified special inspector.



HAND HOLE SECTION
SCALE: N.T.S. 8



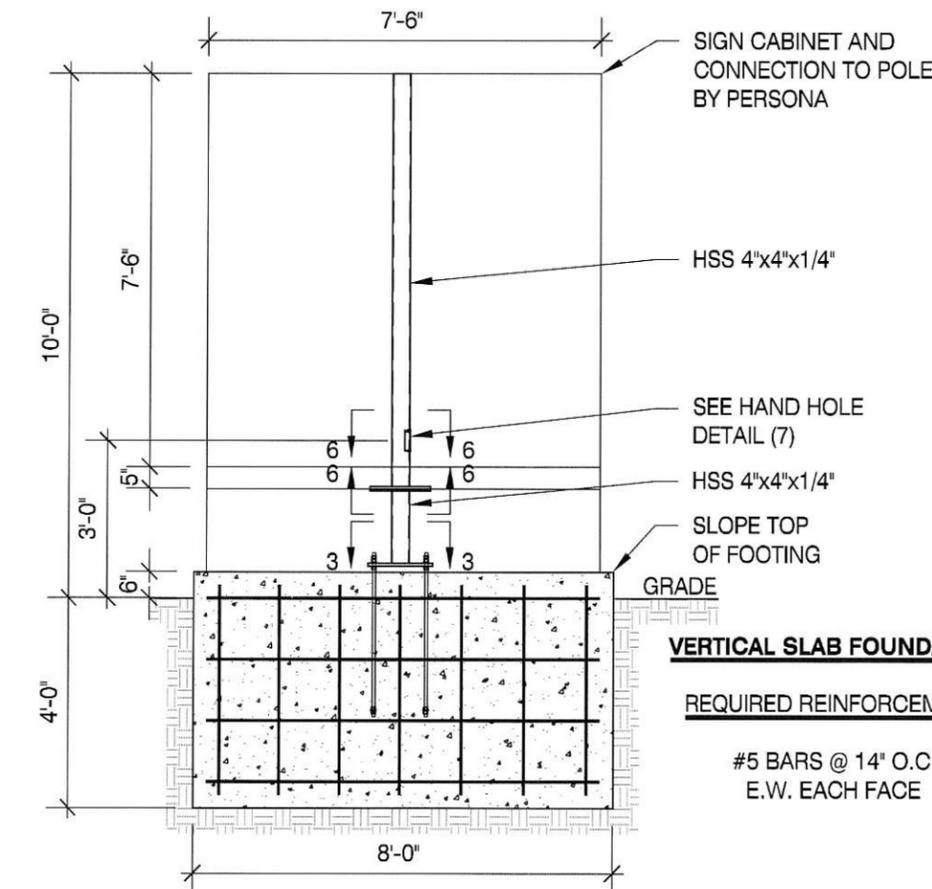
HAND HOLE DETAIL
SCALE: N.T.S. 7



MATCH PLATE DETAIL
SCALE: N.T.S. 6

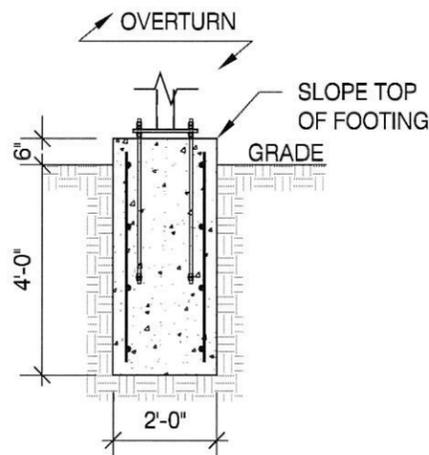
NOTES
1.) SEE MANUFACTURERS DRAWINGS FOR ADDITIONAL DETAILS AND DIMENSIONS.
2.) SIGN CABINET AND CONNECTION BY PERSONA.

* CLIENT - PERSONA
* 2021 IBC
* RISK CATEGORY II
* 110 MPH WIND SPEED, EXP. C
* (1) POLE, (1) FOOTING

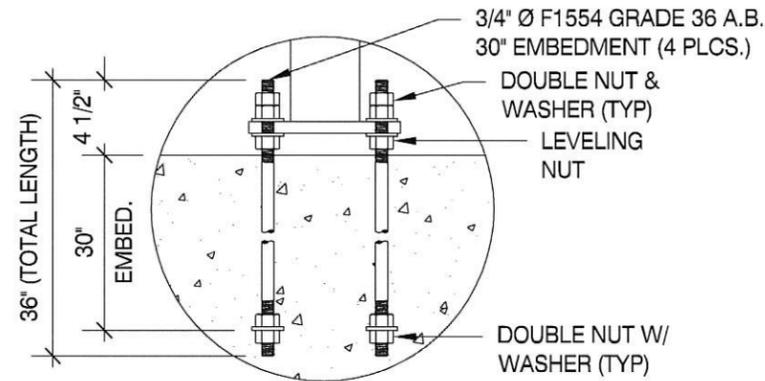


FRONT ELEVATION W/ VERTICAL SLAB FOUNDATION
SCALE: N.T.S. 1

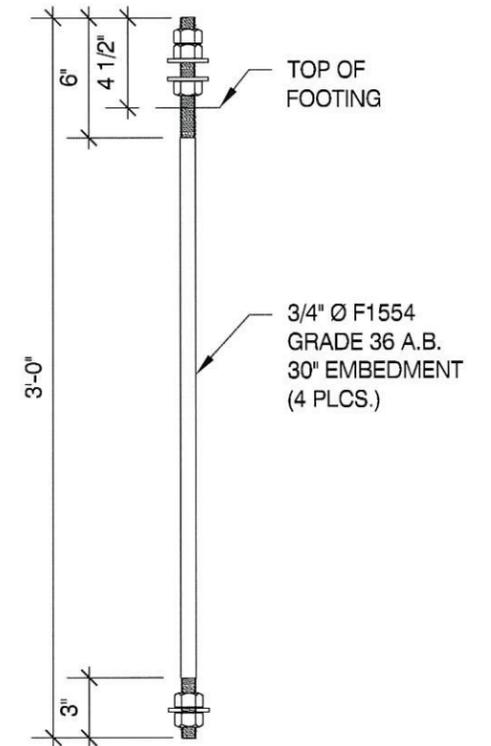
2 sets of engineering have been submitted. one on 11x17 and another on 24x36. They appear to be duplicates, but drawings should be consolidated into a single set for ease of construction, inspection and ensure there are not an inconsistencies between drawings.
(Engineered Plans)



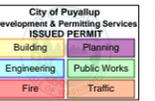
VERTICAL SLAB SIDE VIEW
SCALE: N.T.S. 2



ANCHOR BOLT DETAIL
SCALE: N.T.S. 4



3/4" Ø ANCHOR BOLT DETAIL
SCALE: N.T.S. 5



PRSG20251040



LOUIS J. CORTINA, P.E.

299 N. WEISGARBER RD. SUITE #: 101 KNOXVILLE, TN 37919
PHONE 865.584.0999 SIGN-ENGINEER.COM

PROJECT: 2902 E PIONEER, PUYALLUP, WA 98372

DRAWING TITLE:

MCDONALD'S #43903

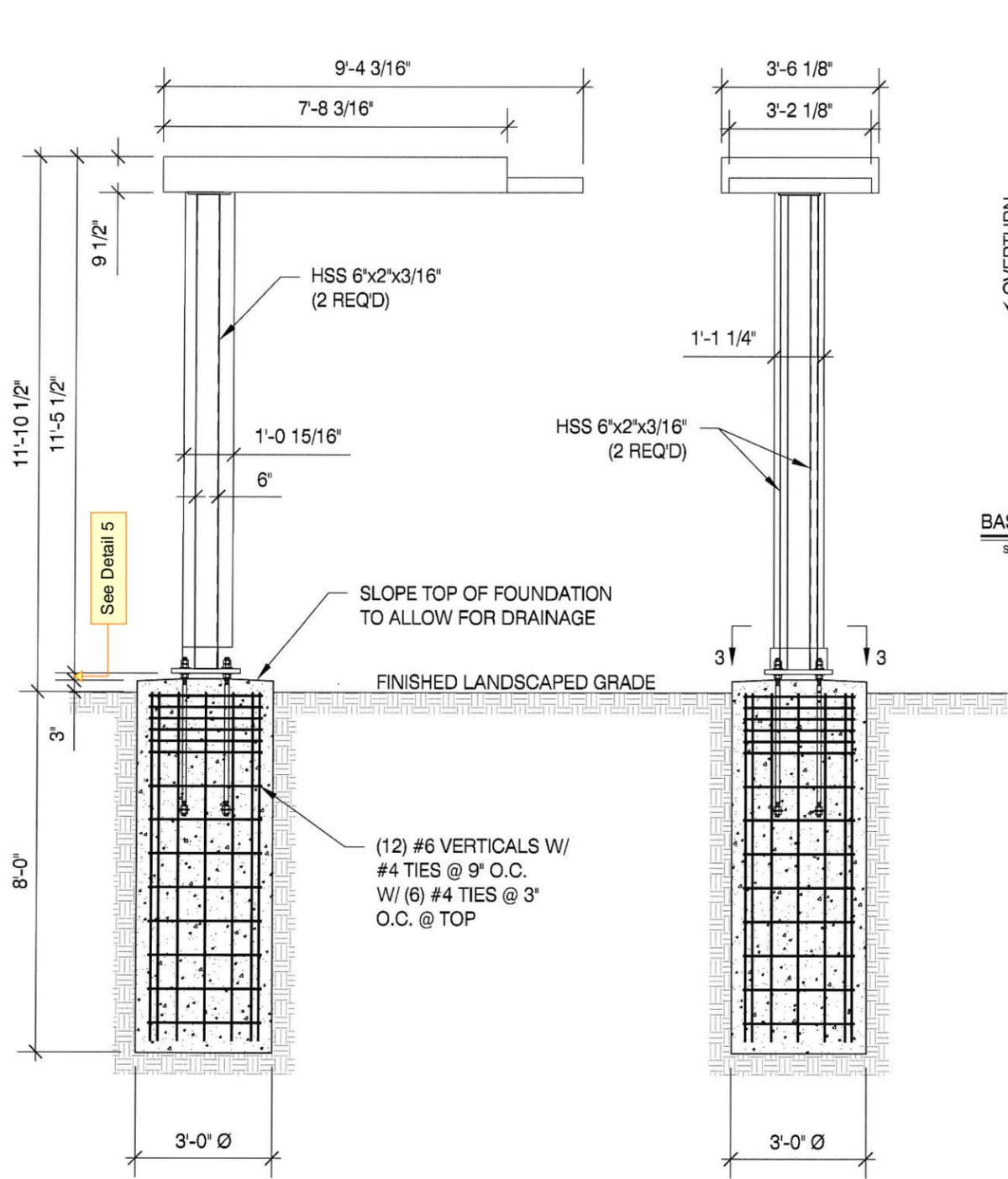
DRAWN BY: CTP
CHECKED BY: BSP
COMM. NO.: 250030-067-00

DATE: 05/09/25

DRAWING NO.

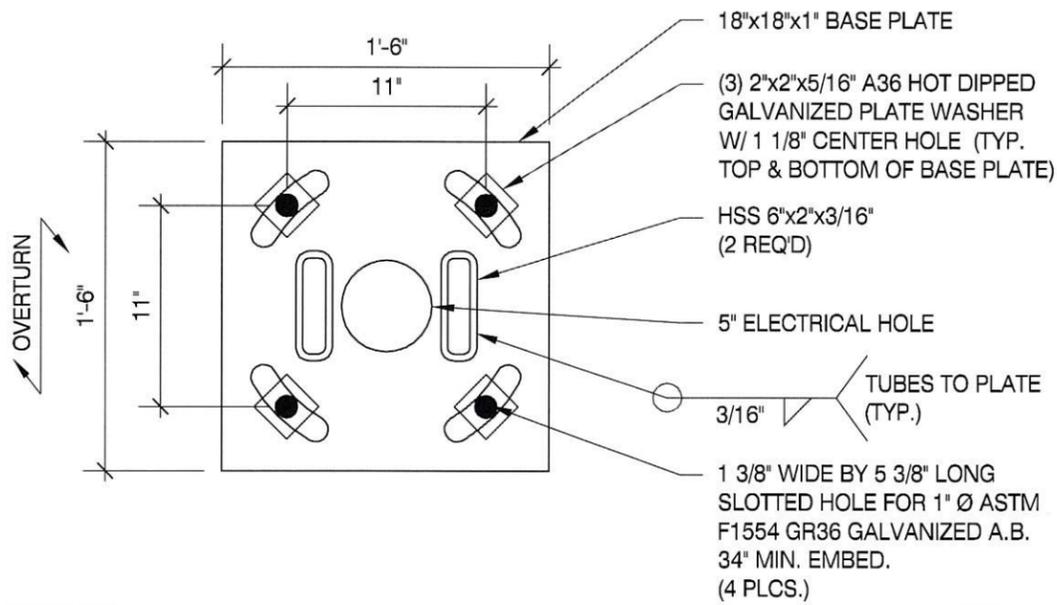
DWG. 1

REV #	DATE	DRAWN BY

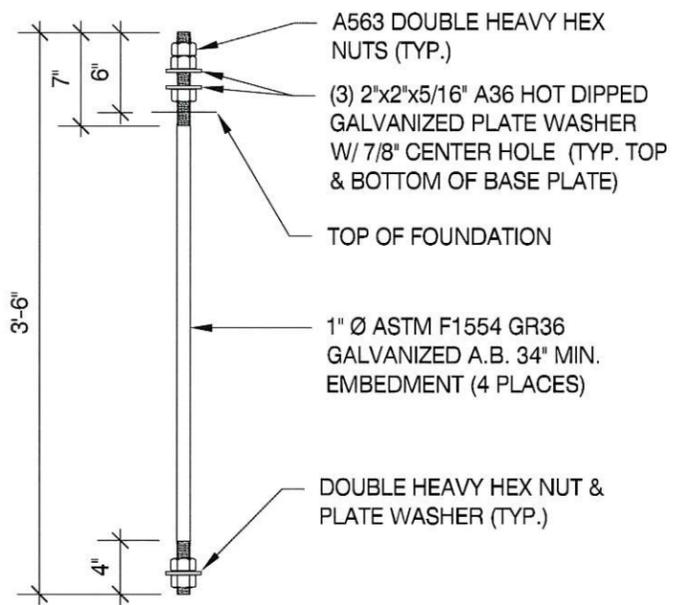


FRONT ELEVATION W/CAISSON FOUNDATION
SCALE: N.T.S. 1

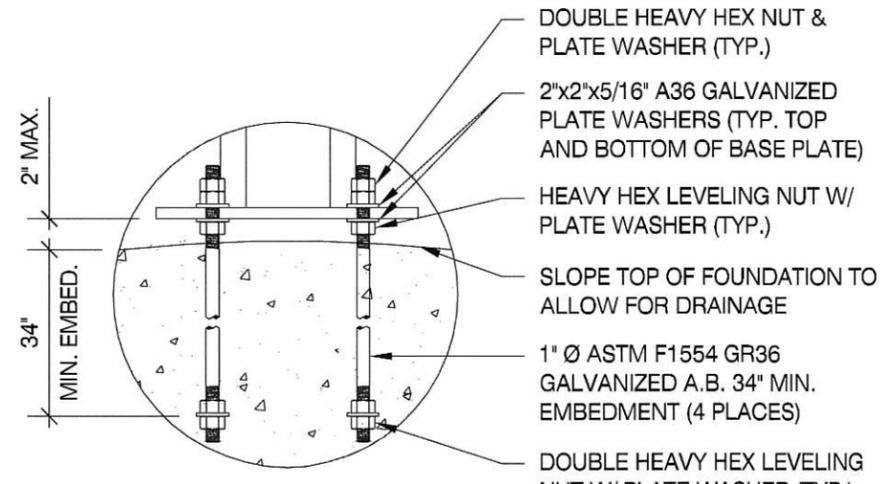
SIDE ELEVATION W/CAISSON FOUNDATION
SCALE: N.T.S. 2



BASE PLATE
SCALE: N.T.S. 3



ANCHOR BOLT DETAIL
SCALE: N.T.S. 4



EMBEDMENT DETAIL
SCALE: N.T.S. 5

* CLIENT - PERSONA
* 2021 IBC
* RISK CATEGORY II
* 110 MPH WIND SPEED, EXP. C
* (2) POLES, (1) FOOTING

GENERAL NOTES:
1. SEE MANUFACTURERS DRAWINGS FOR ADDITIONAL DETAIL AND DIMENSIONS.
2. SIGN CABINET AND CONNECTION BY PERSONA.
3. ANCHOR BOLTS, NUTS & WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM SIGN/LIGHTING MANUFACTURER.
4. DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF THE POLE.

Welding to be done by an individual or fabricator who is WABO certified or approved by the Building Official to perform the work. All welds must be inspected and approved by a WABO certified special inspector.

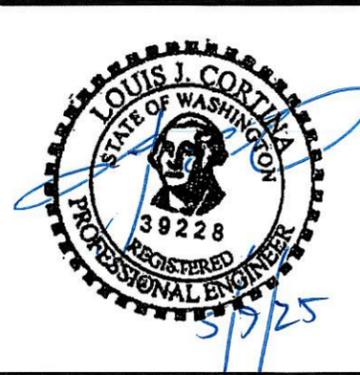
LOUIS J. CORTINA, P.E.
299 N. WEISGARBER RD.
SUITE #: 101
KNOXVILLE, TN 37919
PHONE 865.584.0999
SIGN-ENGINEER.COM

PROJECT:
2902 E PIONEER, PUYALLUP, WA 98372
DRAWING TITLE:
MCDONALD'S #43903

DRAWN BY: CTP
CHECKED BY: BSP
COMM. NO.: 250030-067-00
DATE: 05/09/25
**NEXT GEN (SKINNY)
ORDER HERE CANOPY**

REV #	DATE	DRAWN BY

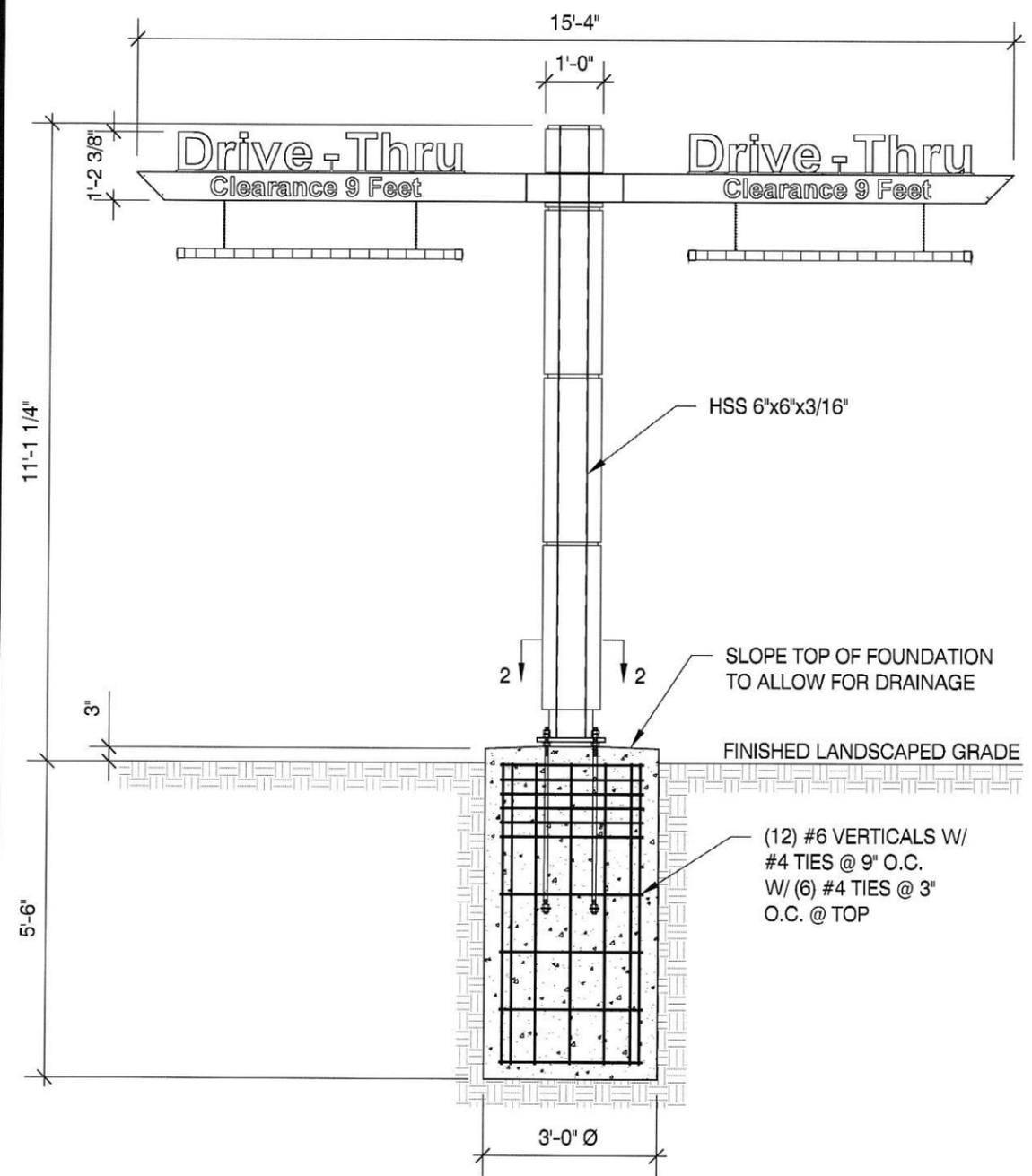
DRAWING NO.
DWG.
2



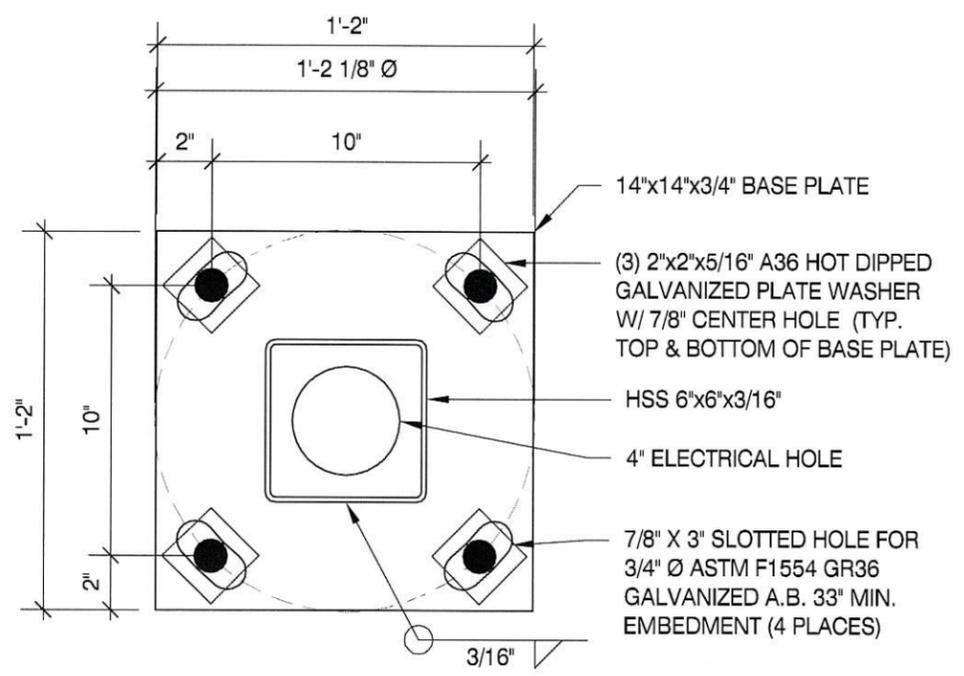
* CLIENT - PERSONA
 * 2021 IBC
 * RISK CATEGORY II
 * 110 MPH WIND SPEED, EXP. C
 * (1) POLE, (1) FOOTING

- GENERAL NOTES:**
1. SEE MANUFACTURERS DRAWINGS FOR ADDITIONAL DETAIL AND DIMENSIONS.
 2. SIGN CABINET AND CONNECTION BY PERSONA.
 3. ANCHOR BOLTS, NUTS & WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM SIGN/LIGHTING MANUFACTURER.
 4. DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF THE POLE.

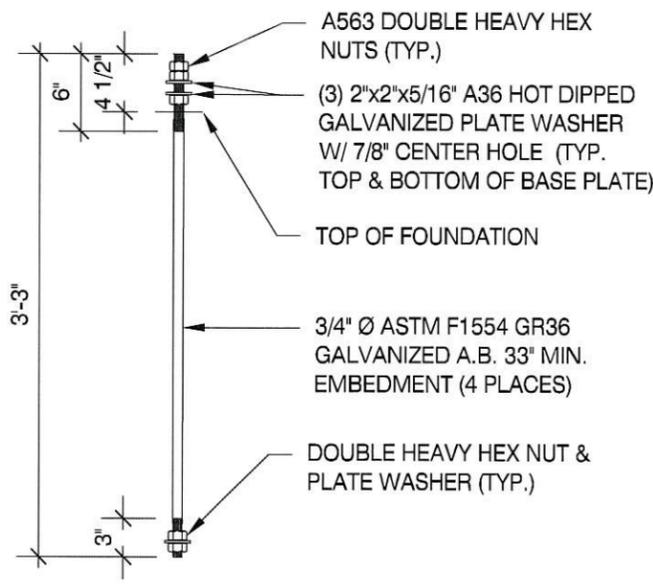
Welding to be done by an individual or fabricator who is WABO certified or approved by the Building Official to perform the work. All welds must be inspected and approved by a WABO certified special inspector.



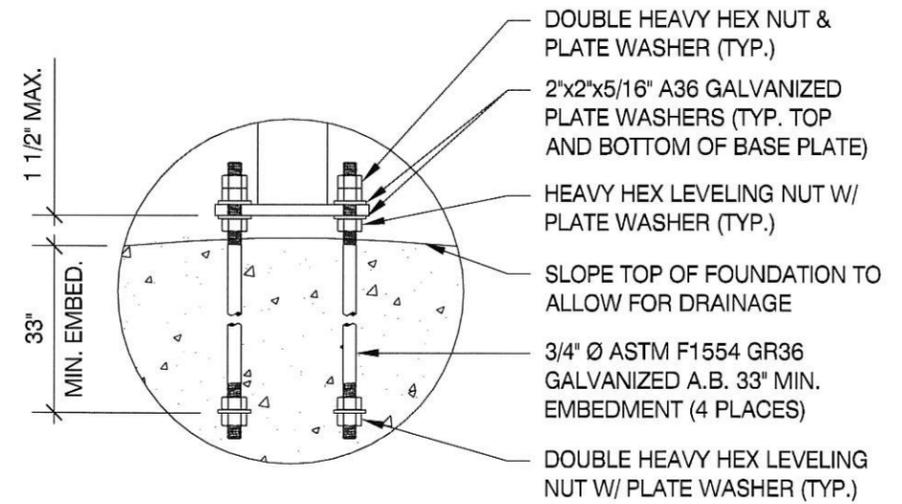
DOUBLE ARM GATEWAY FRONT ELEVATION W/ CAISSON FOUNDATION
 SCALE: N.T.S. 1



BASE PLATE
 SCALE: N.T.S. 2



ANCHOR BOLT DETAIL
 SCALE: N.T.S. 3



EMBEDMENT DETAIL
 SCALE: N.T.S. 4

LOUIS J. CORTINA, P.E.

299 N. WEISGARBER RD. PHONE 865.584.0999
 SUITE #: 101 SIGN-ENGINEER.COM
 KNOXVILLE, TN 37919

PROJECT:
 2902 E PIONEER, PUYALLUP, WA 98372

DRAWING TITLE:
MCDONALD'S #43903

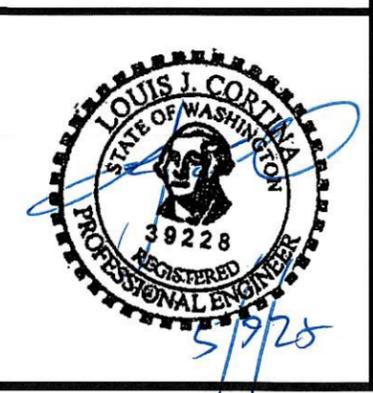
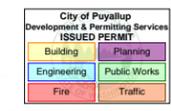
DRAWN BY: CTP
 CHECKED BY: BSP
 COMM. NO.: 250030-067-00

DATE: 05/09/25

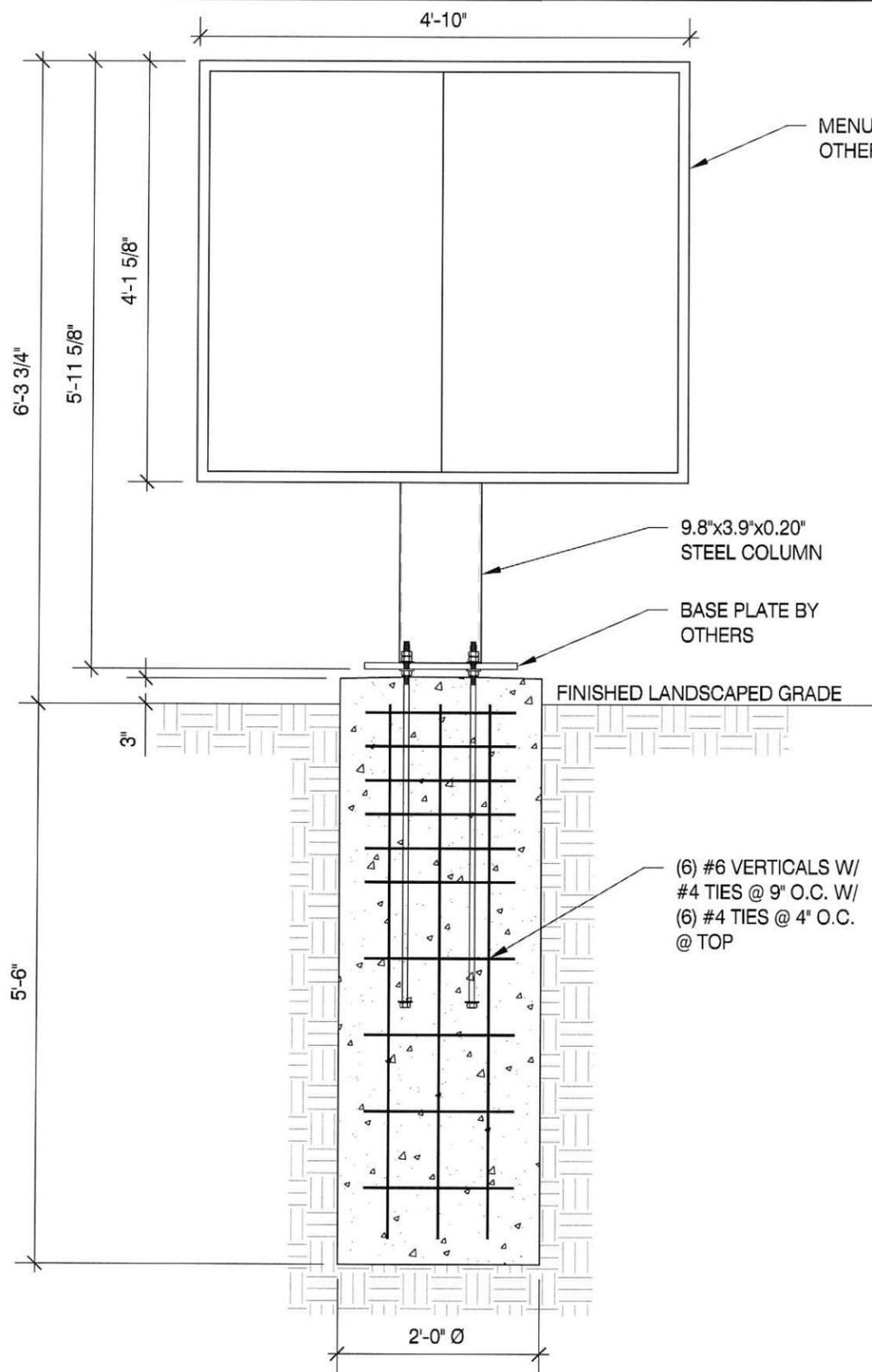
REV #	DATE	DRAWN BY

DRAWING NO.
 DWG.

3

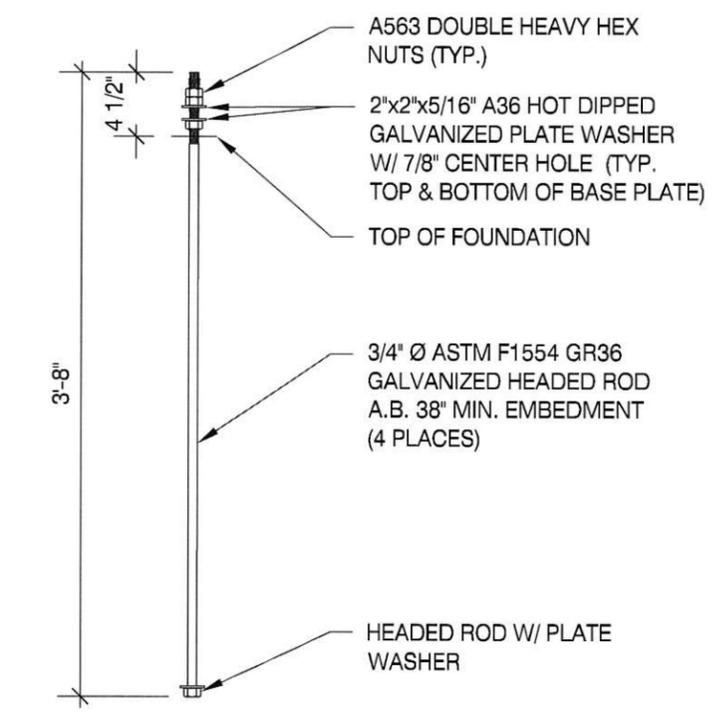


DOUBLE ARM GATEWAY



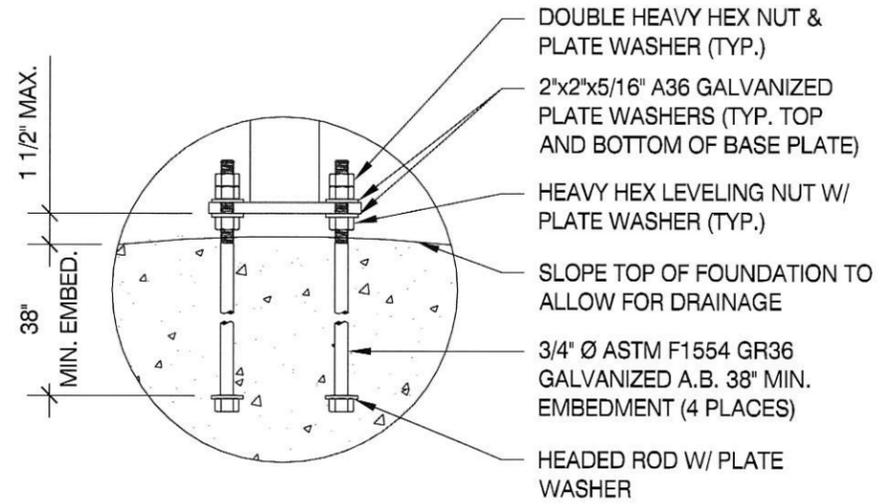
MENU BOARD FRONT ELEVATION W/ CAISSON FOUNDATION
SCALE: N.T.S.

1



ANCHOR BOLT DETAIL
SCALE: N.T.S.

2

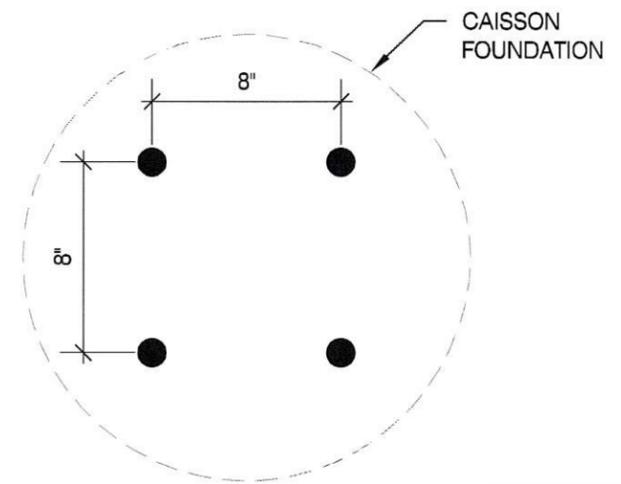


EMBEDMENT DETAIL
SCALE: N.T.S.

3

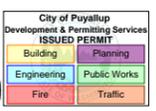
- * CLIENT - PERSONA
- * 2021 IBC
- * RISK CATEGORY II
- * 110 MPH WIND SPEED, EXP. C
- * (1) POLE, (1) FOOTING

- GENERAL NOTES:**
1. SEE MANUFACTURERS DRAWINGS FOR ADDITIONAL DETAIL AND DIMENSIONS.
 2. SIGN CABINET AND CONNECTION BY PERSONA.
 3. ANCHOR BOLTS, NUTS & WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM SIGN/LIGHTING MANUFACTURER.
 4. DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF THE POLE.



ANCHOR BOLT PATTERN
SCALE: N.T.S.

4



LOUIS J. CORTINA, P.E.

299 N. WEISGARBER RD. SUITE #: 101 KNOXVILLE, TN 37919
PHONE 865.584.0999 SIGN-ENGINEER.COM

PROJECT:
2902 E PIONEER, PUYALLUP, WA 98372

DRAWING TITLE:
MCDONALD'S #43903

DRAWN BY: CTP
CHECKED BY: BSP
COMM. NO.: 250030-067-00

DATE: 05/09/25

**COATES
MENU BOARD**

REV #	DATE	DRAWN BY

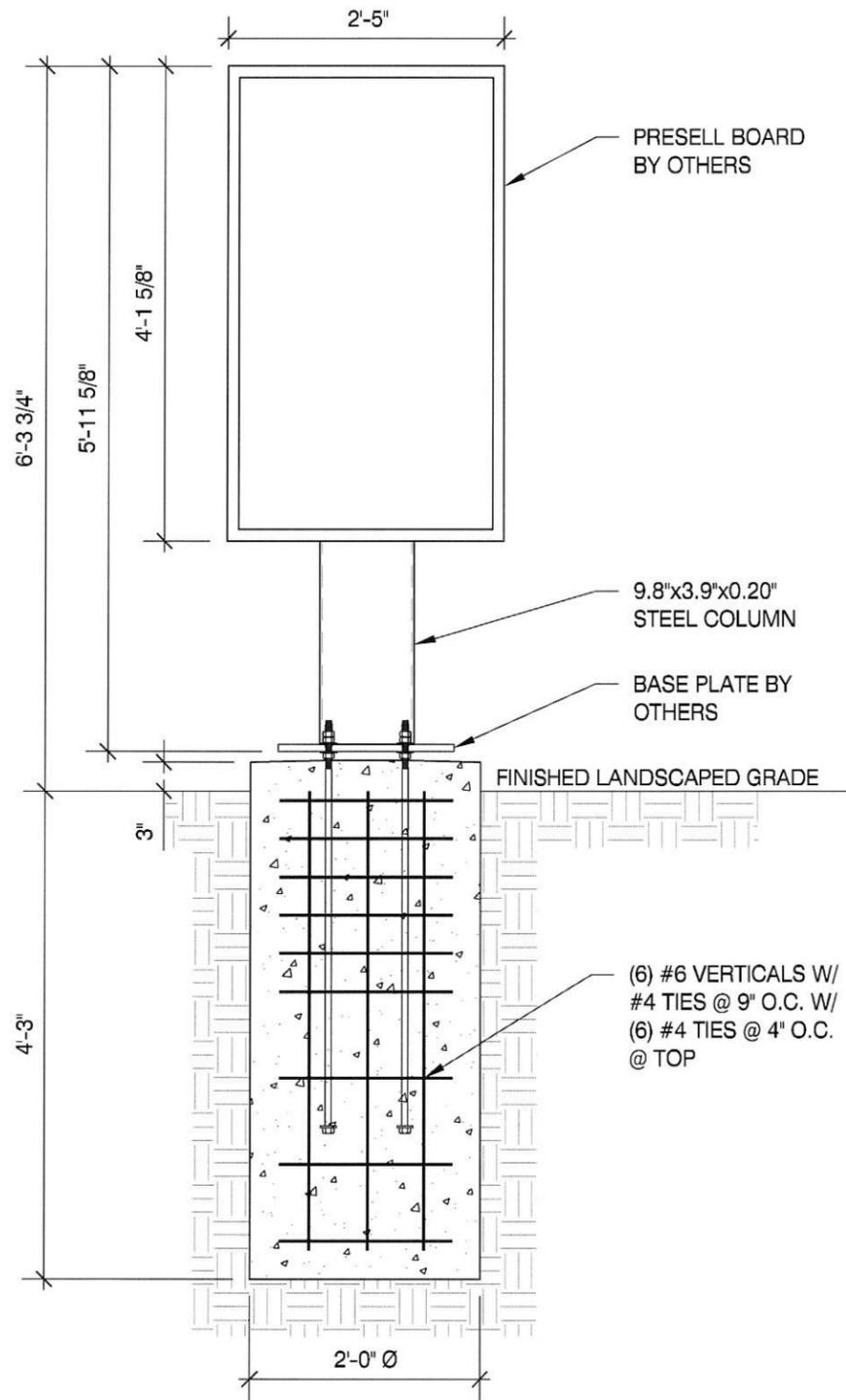
DRAWING NO.
DWG.
4



* CLIENT - PERSONA
 * 2021 IBC
 * RISK CATEGORY II
 * 110 MPH WIND SPEED, EXP. C
 * (1) POLE, (1) FOOTING

GENERAL NOTES:

1. SEE MANUFACTURERS DRAWINGS FOR ADDITIONAL DETAIL AND DIMENSIONS.
2. SIGN CABINET AND CONNECTION BY PERSONA.
3. ANCHOR BOLTS, NUTS & WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM SIGN/LIGHTING MANUFACTURER.
4. DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF THE POLE.



PRESELL BOARD FRONT ELEVATION W/ CAISSON FOUNDATION

SCALE: N.T.S.

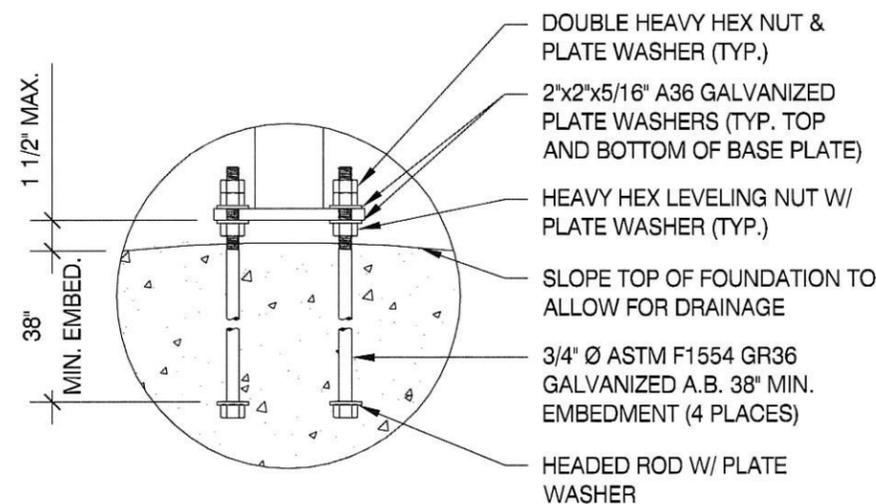
1



ANCHOR BOLT DETAIL

SCALE: N.T.S.

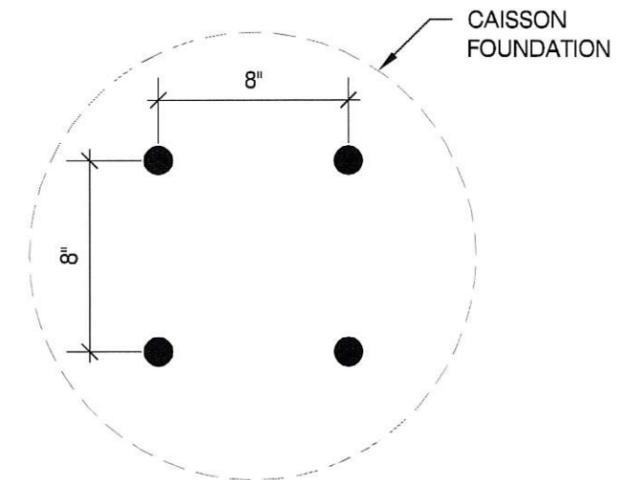
2



EMBEDMENT DETAIL

SCALE: N.T.S.

3



ANCHOR BOLT PATTERN

SCALE: N.T.S.

4



LOUIS J. CORTINA, P.E.

299 N. WEISGARBER RD.
 SUITE #: 101
 KNOXVILLE, TN 37919

PHONE 865.584.0999
 SIGN-ENGINEER.COM

PROJECT:
 2902 E PIONEER, PUYALLUP, WA 98372

DRAWING TITLE:

MCDONALD'S #43903

DRAWN BY:
 CTP

CHECKED BY:
 BSP

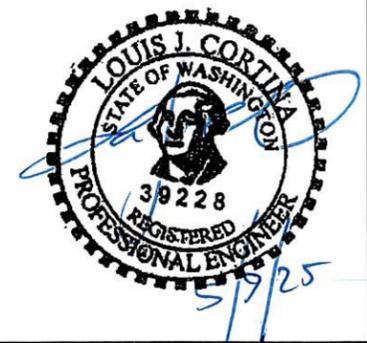
COMM. NO.
 250030-067-00

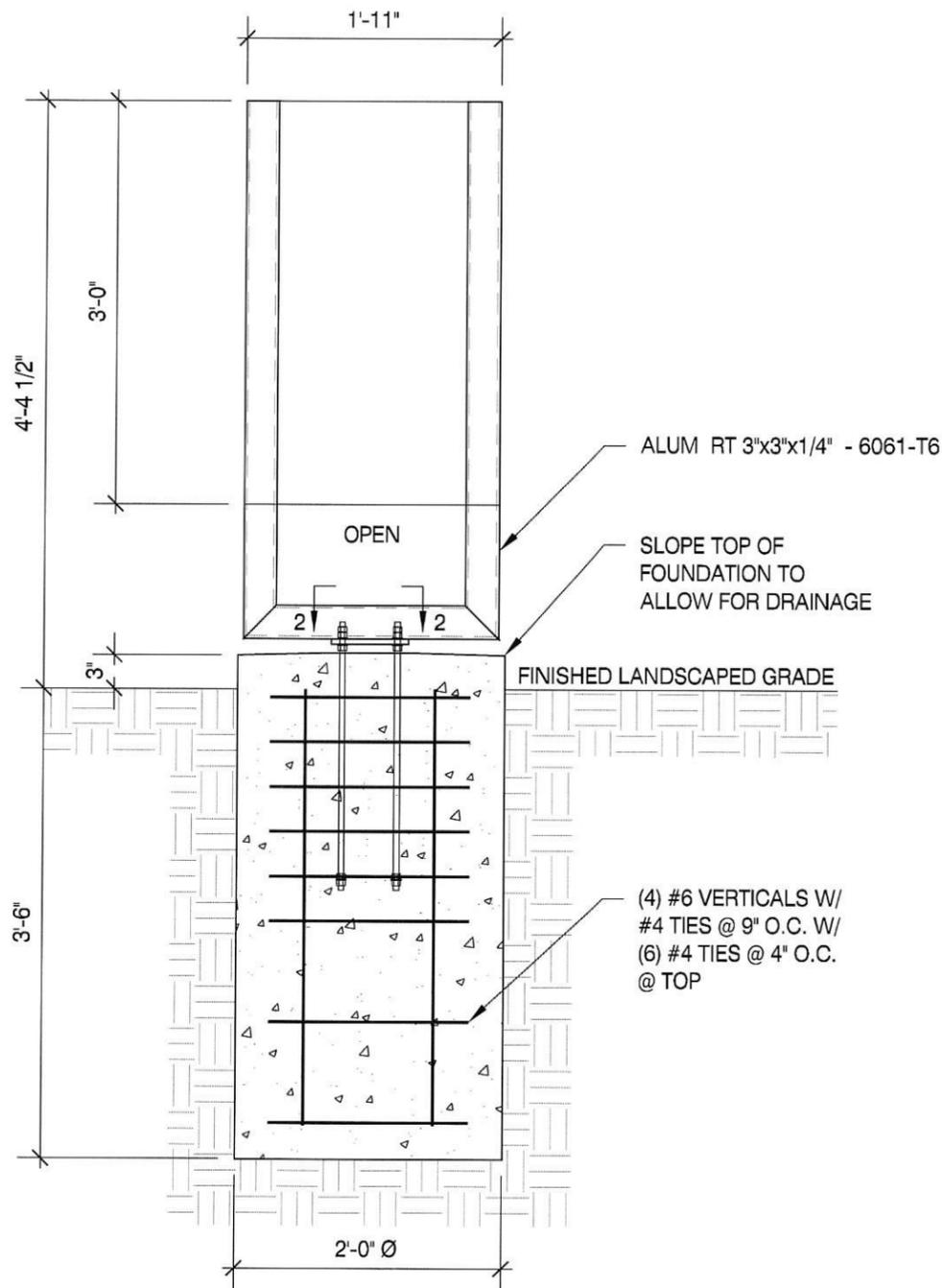
DATE:
 05/09/25

DRAWING NO.
 DWG.

5

**COATES
 PRESELL BOARD**

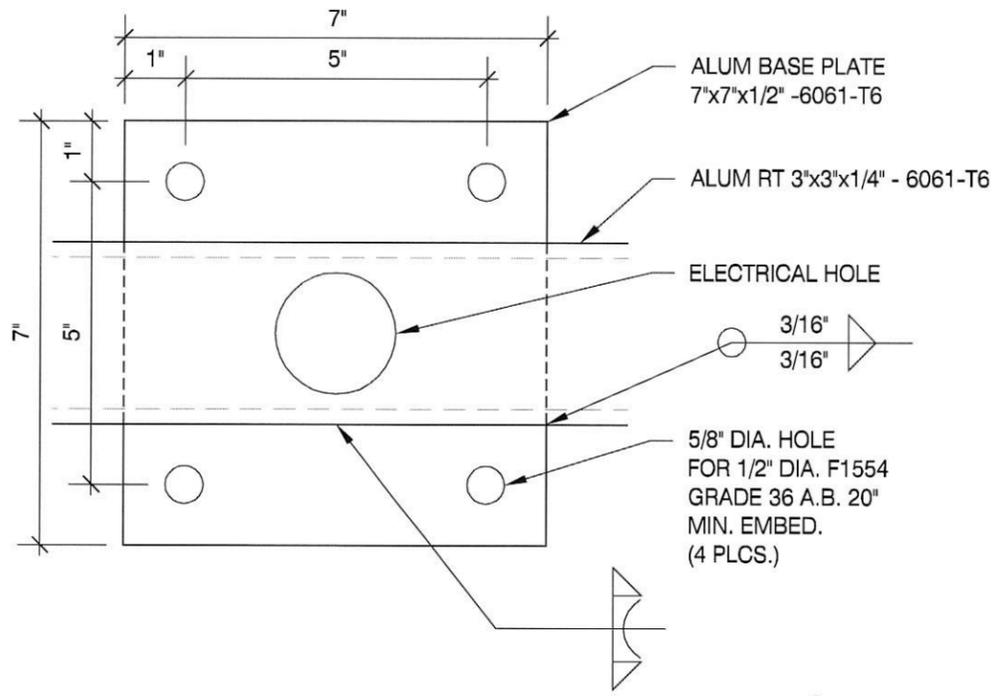




DIRECTIONAL FRONT ELEVATION W/ CAISSON FOUNDATION

SCALE: N.T.S.

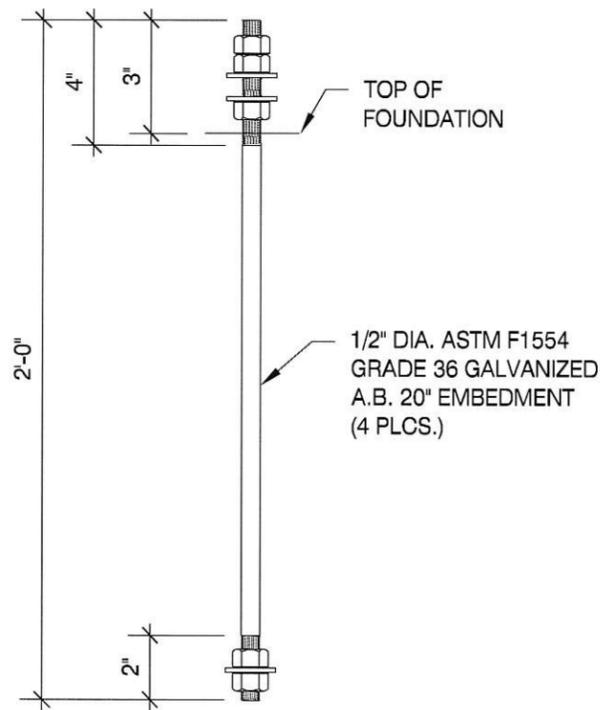
1



BASE PLATE

SCALE: N.T.S.

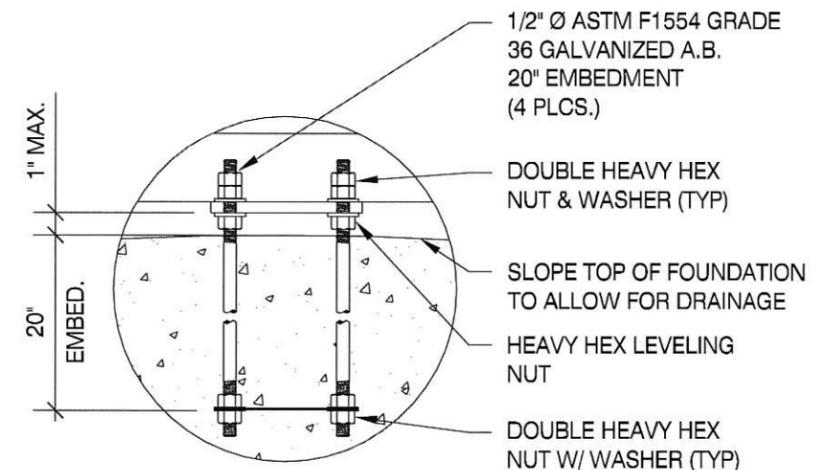
2



ANCHOR BOLT DETAIL

SCALE: N.T.S.

3



EMBEDMENT DETAIL

SCALE: N.T.S.

4

- * CLIENT - PERSONA
- * 2021 IBC
- * RISK CATEGORY II
- * 110 MPH WIND SPEED, EXP. C
- * (1) POLE, (1) FOOTING

GENERAL NOTES:

1. SEE MANUFACTURERS DRAWINGS FOR ADDITIONAL DETAIL AND DIMENSIONS.
2. SIGN CABINET AND CONNECTION BY PERSONA.
3. ANCHOR BOLTS, NUTS & WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM SIGN/LIGHTING MANUFACTURER.
4. DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF THE POLE.

Welding to be done by an individual or fabricator who is WABO certified or approved by the Building Official to perform the work. All welds must be inspected and approved by a WABO certified special inspector.

City of Puyallup Development & Permitting Services ISSUED PERMIT
Building Planning
Engineering Public Works
Fire Traffic

LOUIS J. CORTINA, P.E.

299 N. WEISGARBER RD. PHONE 865.584.0999
SUITE #: 101 SIGN-ENGINEER.COM
KNOXVILLE, TN 37919

PROJECT:
2902 E PIONEER, PUYALLUP, WA 98372

DRAWING TITLE:

MCDONALD'S #43903

DRAWN BY: CTP
CHECKED BY: BSP
COMM. NO. 250030-067-00

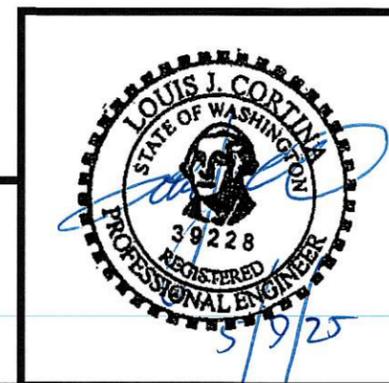
DATE: 05/09/25

REV #	DATE	DRAWN BY

DRAWING NO.

DWG.

6



NEXT GEN DIRECTIONAL

GROUND SIGN DESIGN SPECIFICATIONS:

REFER TO SIGN COMPANY'S DRAWINGS FOR MORE DETAILS.
ALL DESIGNS, DETAILING FABRICATION AND CONSTRUCTION SHALL CONFORM TO:

- 2021 IBC
- ACI
- AISC
- AMERICAN WELDING SOCIETY
- LOCAL BUILDING CODES & ORDINANCES

CONCRETE: 2500 PSI @ 28 DAYS
ALUMINUM PIPE: 6061-T6 ALLOY
ALUMINUM SQUARE/RECTANGULAR: 6061-T6 ALLOY
ANCHOR BOLTS: STAINLESS STEEL OR GALVANIZED ASTM F1554 GRADE 36 U.N.O. (ALTERNATES GRADE 55 & 105)
CONNECTION BOLTS: STAINLESS STEEL OR GALVANIZED ASTM A325
ALUMINUM ANGLES, CHANNELS, STRUCTURAL SHAPES: 6061-T6 ALLOY
ALUMINUM PLATE: 5052-H34 ALLOY
ALUMINUM SHEET: 5052-H32 ALLOY
REINFORCING: GRADE 60 ASTM A615
PROVIDE A MINIMUM OF THREE INCHES OF CONCRETE COVER OVER EMBEDDED STEEL.
THE CONTRACTOR (INSTALLER) IS RESPONSIBLE FOR THE MEANS & METHODS OF CONSTRUCTION IN REGARDS TO JOBSITE SAFETY.
NO FIELD HEATING FOR BENDING OR CUTTING OF STEEL SHALL BE ALLOWED WITHOUT THE ENGINEER'S APPROVAL.
WELD FILLER METAL: 5356
ALLOWABLE SOIL BEARING PRESSURE ASSUMED: 1500 PSF
ASSUMED HORIZONTAL (PASSIVE PRESSURE) ASSUMED AT 100 PSF/FT OF DEPTH.
ISOLATED LATERAL BEARING FOUNDATIONS FOR SIGNS NOT ADVERSELY AFFECTED A 1/2" MOTION AT THE GROUND SURFACE DUE TO SHORT TERM LATERAL LOADS SHALL BE PERMITTED TO BE DESIGNED USING TWO TIMES THE TABULATED CODE VALUES.
ALL FOOTINGS SHALL BEAR ON FIRM UNDISTURBED RESIDUAL SOIL AND/OR ENGINEERED EARTH.
FILL COMPACTED TO 98% OF ITS MAXIMUM DRY DENSITY AS PER ASTM D 698-70 (STANDARD PROCTOR) UNLESS NOTED OTHERWISE. THE SOIL BEARING CAPACITY IS TO BE VERIFIED BY A GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION. IF ALLOWABLE BEARING AND/OR LATERAL PRESSURE IS LESS THAN THE ABOVE ASSUMED AND/OR CALCULATED PRESSURES, THE ENGINEER SHOULD BE CONTACTED FOR RE-EVALUATION.
EXCAVATION SHALL BE FREE OF LOOSE SOIL BEFORE POURING CONCRETE. WELDERS SHALL BE CERTIFIED FOR THE TYPE OF WELDING.
ADEQUATELY BRACE POLE(S) UNTIL CONCRETE HAS SET UP FOR 14 DAYS.
GROUT UNDER BASE PLATES WITH NON-SHRINK GROUT.
THIS ENGINEER DOES NOT WARRANT THE ACCURACY OF DIMENSIONS FURNISHED BY OTHERS.
ALL EXPOSED STEEL SHALL BE PAINTED WITH AN ENAMEL PAINT TO INHIBIT CORROSION.
THIS DESIGN IS FOR THE INDICATED ADDRESS ONLY, AND SHOULD NOT BE USED AT OTHER LOCATIONS WITHOUT WRITTEN PERMISSION OF THE ENGINEER.
DESIGN OF DETAILS AND STRUCTURAL MEMBERS NOT SHOWN, BY OTHERS.

FREE STANDING SIGN SPECIFICATIONS:

REFER TO SIGN COMPANY'S DRAWINGS FOR MORE DETAILS.
ALL DESIGNS, DETAILING FABRICATION AND CONSTRUCTION SHALL CONFORM TO:

- 2021 IBC
- ACI
- AISC
- AMERICAN WELDING SOCIETY
- LOCAL BUILDING CODES & ORDINANCES

CONCRETE: 2500 PSI @ 28 DAYS
STD. STEEL PIPE SECTION: ASTM A53 GRADE B (Fy=35 KSI)
STEEL PIPE SECTION (> 20" Ø): ASTM A252 GRADE 3 (Fy=42 KSI MIN.)
HSS ROUND SECTION: ASTM A500 GRADE B (Fy=42 KSI)
HSS SQUARE/RECTANGULAR SECTION: ASTM A500 GRADE B (Fy=46 KSI)
ANCHOR BOLTS: ASTM F1554 GRADE 36 U.N.O. (ALTERNATES GRADE 55 & 105)
CONNECTION BOLTS: ASTM A325
STEEL ANGLES, CHANNELS, STRUCTURAL SHAPES & PLATES ASTM A36
REINFORCING: GRADE 60 ASTM A615
PROVIDE A MINIMUM OF THREE INCHES OF CONCRETE COVER OVER EMBEDDED STEEL.
THE CONTRACTOR (INSTALLER) IS RESPONSIBLE FOR THE MEANS & METHODS OF CONSTRUCTION IN REGARDS TO JOBSITE SAFETY.
NO FIELD HEATING FOR BENDING OR CUTTING OF STEEL SHALL BE ALLOWED WITHOUT THE ENGINEER'S APPROVAL.
WELDING ELECTRODES: E70XX
ALLOWABLE SOIL BEARING PRESSURE ASSUMED: 1500 PSF
ASSUMED HORIZONTAL (PASSIVE PRESSURE) ASSUMED AT 100 PSF/FT OF DEPTH.
ISOLATED LATERAL BEARING FOUNDATIONS FOR SIGNS NOT ADVERSELY AFFECTED A 1/2" MOTION AT THE GROUND SURFACE DUE TO SHORT TERM LATERAL LOADS SHALL BE PERMITTED TO BE DESIGNED USING TWO TIMES THE TABULATED CODE VALUES.
ALL FOOTINGS SHALL BEAR ON FIRM UNDISTURBED RESIDUAL SOIL AND/OR ENGINEERED EARTH.
FILL COMPACTED TO 98% OF ITS MAXIMUM DRY DENSITY AS PER ASTM D 698-70 (STANDARD PROCTOR) UNLESS NOTED OTHERWISE. THE SOIL BEARING CAPACITY IS TO BE VERIFIED BY A GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION. IF ALLOWABLE BEARING AND/OR LATERAL PRESSURE IS LESS THAN THE ABOVE ASSUMED AND/OR CALCULATED PRESSURES, THE ENGINEER SHOULD BE CONTACTED FOR RE-EVALUATION.
EXCAVATION SHALL BE FREE OF LOOSE SOIL BEFORE POURING CONCRETE. WELDERS SHALL BE CERTIFIED FOR THE TYPE OF WELDING.
ADEQUATELY BRACE POLE(S) UNTIL CONCRETE HAS SET UP FOR 14 DAYS.
THIS ENGINEER DOES NOT WARRANT THE ACCURACY OF DIMENSIONS FURNISHED BY OTHERS.
ALL EXPOSED STEEL SHALL BE PAINTED WITH AN ENAMEL PAINT TO INHIBIT CORROSION.
THIS DESIGN IS FOR THE INDICATED ADDRESS ONLY, AND SHOULD NOT BE USED AT OTHER LOCATIONS WITHOUT WRITTEN PERMISSION OF THE ENGINEER.
DESIGN OF DETAILS AND STRUCTURAL MEMBERS NOT SHOWN, BY OTHERS.

- * CLIENT - PERSONA
- * 2021 IBC
- * RISK CATEGORY II
- * 110 MPH WIND SPEED, EXP. C

GENERAL NOTES:

1. SEE MANUFACTURERS DRAWINGS FOR ADDITIONAL DETAIL AND DIMENSIONS.
2. SIGN CABINET AND CONNECTION BY PERSONA.
3. ANCHOR BOLTS, NUTS & WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM SIGN/LIGHTING MANUFACTURER.
4. DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF THE POLE.



LOUIS J. CORTINA, P.E.

299 N. WEISGARBER RD. PHONE 865.584.0999
SUITE #: 101 SIGN-ENGINEER.COM
KNOXVILLE, TN 37919

PROJECT:
2902 E PIONEER, PUYALLUP, WA 98372

DRAWING TITLE:

MCDONALD'S #43903

DRAWN BY: CTP
CHECKED BY: BSP
COMM. NO.: 250030-067-00

DATE: 05/09/25

DRAWING NO.

DWG.

7

NOTES

