

## EXISTING SITE PLAN

SCALE: 1" = 20'-0"  
0 5 10 20 40 FT.

## LEGEND

- EXISTING CONCRETE CURBING
- EXISTING LANDSCAPING
- EXISTING CONCRETE
- EXISTING LOT LIGHT
- EXISTING STRIPING
- EXISTING CATCH BASIN

## PROJECT DATA

SITE AREA: 38,332 SQ. FT.  
EXISTING PARKING: 50 STALLS  
ACCESSIBLE PROVIDED: 2 STALLS  
ZONING: RETAIL COMMERCIAL  
BUILDING AREA: 4,233 EXISTING SQ. FT.  
OCCUPANCY : A-2 (EXISTING)  
TYPE OF CONSTRUCTION: V-B (EXISTING)  
LANDSCAPE AREA: 6,723 SQ. FT. (17.5%)

### PARKING INFORMATION

TOTAL SPACES	28	9'-0" X 20'-0" SPACES @ 65'
	20	9'-0" X 20'-0" SPACES @ 60'
	2	ADA 9'-0" X 20'-0" SPACES @ 65'
	50	

### UTILITY INFORMATION

	SIZE	TYPE	LOCATION
SANITARY SEWER	EXISTING		
WATER	EXISTING		
STORM SEWER	EXISTING		
ELECTRIC	EXISTING		
GAS	EXISTING		

### SURVEY INFORMATION

PLAN SCALE: 1" = 20'

STREET ADDRESS  
3995 RICKEY ST. SE

CITY  
SALEM

STATE  
OR

COUNTY  
MARION

REGIONAL DWG. NO.

36-0189

CORPORATE DWG. NO.

14118

REGISTERED ARCHITECT  
SHERRI E. GRUENIS  
KIRKLAND, WA  
STATE OF OREGON  
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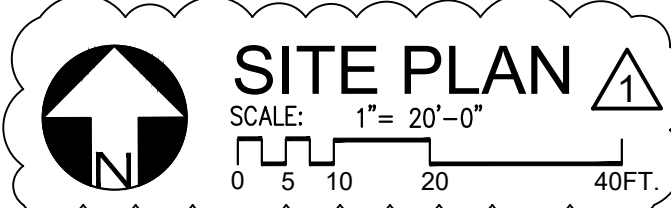
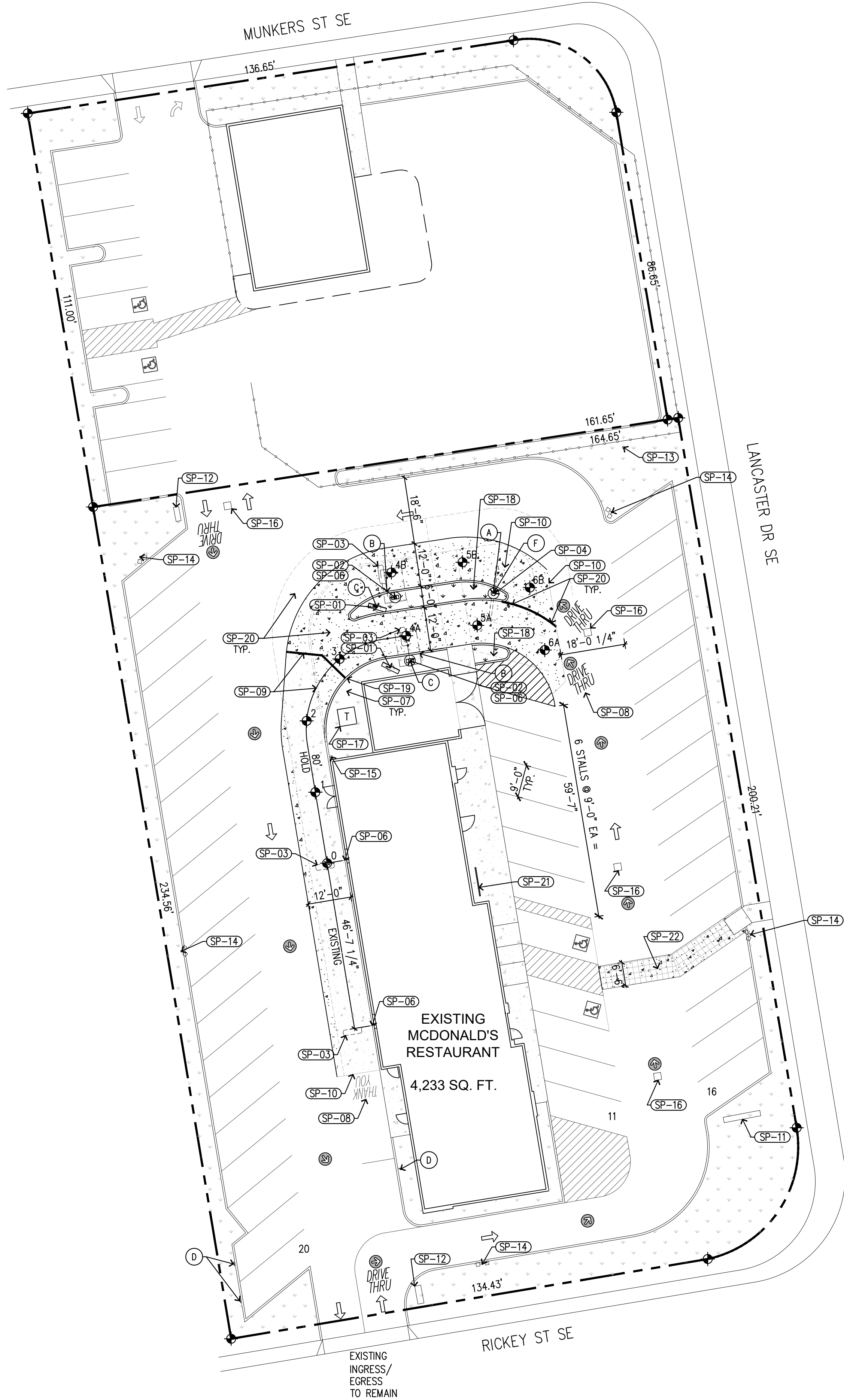
FILE  
SIDE-BY-SIDE DRIVE THRU REMODEL  
DESCRIPTION  
NEW SBS DRIVE THRU AT EXISTING BUILDING  
SITE ID  
3995 Rickey St. SE, Salem, OR 97301

DATE  
JUL 2021  
REVIEWED BY  
SEM  
DATE ISSUED  
JUL 2021

PREPARED BY  
DRAWN BY  
STD ISSUE DATE  
JUL 2021

SHEET NO.  
PP21-210  
**SP-1**  
SITE PLAN

1



PROJECT DATA

SITE AREA: 38,332 SQ. FT.  
EXISTING PARKING: 50 STALLS  
PARKING REQUIRED: 1 STALL/ 250 SQ. FT. = 17 STALLS (BASED ON 4,233 SQ. FT.)  
PARKING PROVIDED: 47 STALLS  
ACCESSIBLE REQUIRED: 2 STALLS (BASED ON 47 PROVIDED)  
ACCESSIBLE PROVIDED: 2 STALLS  
ZONING: RETAIL COMMERCIAL  
BUILDING AREA: 4,233 EXISTING SQ. FT.(NO CHANGE)  
OCCUPANCY : A-2 (EXISTING)  
TYPE OF CONSTRUCTION: V-B (EXISTING)  
LANDSCAPE AREA EXISTING: 6,723 SQ. FT.   
LANDSCAPE AREA PROPOSED: 5,961 SQ. FT. (15.5%)

SITE PLAN KEYNOTES

- SP-01 REMOVE EXISTING & INSTALL (2) NEW DIGITAL MENU BOARDS AS SHOWN. SEE DETAIL 2/DT1.0 FOR EXACT LOCATIONS AND 10/DT1.1. LOCATE EXISTING UTILITIES PRIOR TO EXCAVATING FOOTINGS.
- SP-02 REMOVE EXISTING CUSTOMER ORDER DISPLAY & INSTALL (2) CUSTOMER ORDER CANOPIES AS SHOWN PER DETAIL 6/DT1.2. SEE DETAIL 2/DT1.0 FOR EXACT LOCATIONS. OVERALL CANOPY HEIGHT IS 10'-8" ABOVE PAVEMENT WITH CLEARANCE OF 9'-0" FOR VEHICLES BELOW. LOCATE EXISTING UTILITIES PRIOR TO EXCAVATING FOOTINGS.
- SP-03 INSTALL NEW VEHICLE DETECTOR LOOPS AT NEW ORDER POINTS PER 2/DT1.0. (OPTIONAL AT DRIVE THRU BOOTHS). PATCH & REPAIR CONCRETE PAD AT DRIVE THRU AS NECESSARY. SEE 18/DT1.1 & 20/DT1.1
- SP-04 REMOVE EXISTING & INSTALL NEW GATEWAY SIGN PACKAGE AS SHOWN. COORDINATE LOCATION WITH MCDONALD'S CONSTRUCTION MANAGER TO ENSURE BEST VISIBILITY FROM SITE ENTRANCE. SEE DETAIL 8/ DT1.2 FOR MORE INFORMATION. LOCATE UNDERGROUND UTILITIES PRIOR TO EXCAVATION OF FOOTING.
- SP-05 NOT USED
- SP-06 INSTALL SPEECH/HEARING IMPAIRED SIGNAGE ON THE ORDER CANOPY & EACH SERVICE WINDOW. SEE DETAIL 4/SD1 & 5/SD1. PICTURE MENU, CLIPBOARD, AND PENCILS ARE TO BE PROVIDED AT EACH DRIVE-THRU WINDOW.
- SP-07 EXISTING LANDSCAPE TO REMAIN. IF DAMAGED BY CONSTRUCTION, PATCH AND REPAIR AS NECESSARY TO ACCOMMODATE DEMOLITION AND NEW CONSTRUCTION. NEW LANDSCAPING TO MATCH EXISTING ADJACENT. ENSURE PLANTINGS DO NOT INHIBIT VIEW TO DRIVE THRU SIGNS.
- SP-08 STRIPE PARKING STALLS AND SYMBOLS AS SHOWN. PAINTS TO BE TRAFFIC WHITE (2 COATS) AT PARKING AND TRAFFIC YELLOW (2 COATS) AT DRIVE-THRU. SEE DETAILS 1/SD1, 2/SD1, & 3/SD1.
- SP-09 APPROXIMATE LINE OF NEW CONCRETE WORK TO EXISTING CONCRETE TO REMAIN.
- SP-10 APPROXIMATE LINE OF CONCRETE PAD TO ASPHALT TRANSITION.
- SP-11 EXISTING ROAD SIGN TO REMAIN; PROTECT FROM DAMAGE.
- SP-12 EXISTING DIRECTIONAL SIGN TO REMAIN.
- SP-13 EXISTING FLAG POLE TO REMAIN.
- SP-14 EXISTING LOT LIGHTING TO REMAIN.
- SP-15 EXISTING BOLLARD, PROTECT FROM DAMAGE
- SP-16 EXISTING CATCH BASIN TO REMAIN.
- SP-17 RELOCATE TRANSFORMER TO NEW LOCATION SHOWN. VERIFY EXACT LOCATION WITH MCDONALD'S CONSTRUCTION MANAGER & UTILITY COMPANY.
- SP-18 NEW LANDSCAPING TO MATCH ADJACENT & AS REQUIRED BY LOCAL JURISDICTION REQUIREMENTS. ENSURE PLANTINGS WILL NOT INHIBIT VIEW OF DRIVE THRU & DIRECTIONAL SIGNAGE FROM CUSTOMERS.
- SP-19 PROVIDE MERGE POINT MONITOR MOUNTED ON POLE WITH FOUNDATION; EXACT LOCATION TO BE COORDINATED WITH MCDONALD'S CONSTRUCTION MANAGER. PROVIDE 2" CONDUIT TO CASH BOOTH JUNCTION BOX. CONNECT TO ELECTRICAL & DATA SYSTEMS.
- SP-20 REMOVE EXISTING ASPHALT, LANDSCAPING, CONCRETE CURBS, & CONCRETE DRIVE THRU PAD AS NECESSARY TO ACCOMMODATE NEW WORK. INSTALL NEW CONCRETE PAVING & CURBING THROUGHOUT DRIVE THRU LANES AS SHOWN, PER MCDONALD'S SPECIFICATIONS. SLOPE TO DRAIN AS NECESSARY. SEE DETAILS 1/SD1, 2/SD1
- SP-21 INSTALL NEW BICYCLE RACKS PER SRC 806.060 & DETAIL 6/SD1. PROVIDE 4 BICYCLE SPACES MIN.
- SP-22 REMOVE EXISTING ASPHALT AS NECESSARY TO PROVIDE NEW STAMPED CONCRETE CROSSWALK AS SHOWN. ENSURE 5% MAXIMUM SLOPE IN DIRECTION OF TRAVEL & 1.5% MAXIMUM CROSS SLOPE. ENSURE NO GAPS OR CHANGES IN LEVEL GREATER THAN 1/4" OR 1/2" WITH BEVEL. PROVIDE FLUSH TRANSITION TO ADJACENT ASPHALT.

LEGEND

- EXISTING CONCRETE CURBING TO REMAIN/ REPAIR  
— NEW CONCRETE CURBING  
--- EXISTING CONSTRUCTION TO BE DEMOLISHED  
 NEW STRIPING  
 EXISTING LANDSCAPING TO REMAIN  
 NEW LANDSCAPING  
 EXISTING CONCRETE TO REMAIN  
 NEW CONCRETE  
 EXISTING LOT LIGHT  
 EXISTING STRIPING  
 EXISTING CATCH BASIN

GENERAL NOTES

1. PROPOSED UTILITIES ARE SHOWN IN SCHEMATIC ONLY. EXACT LOCATIONS SHALL BE DETERMINED TO ALLOW FOR THE MOST ECONDMICAL INSTALLATION.
2. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO DETERMINE EXACT POINT OF SERVICE CONNECTION AT EXISTING UTILITY. REFER TO THE BUILDING ELECTRICAL AND PLUMBING DRAWINGS FOR UTILITY SERVICE ENTRANCE LOCATIONS, SIZES, AND CIRCUITING.
3. FINISH WALK AND CURB ELEVATIONS SHALL BE 6" ABOVE FINISH PAVEMENT.

PAVING SPECIFICATION  
(MINIMUM 3" TOTAL COMPACTED ASPHALT THICKNESS)

NOTE: MCDONALD'S ENGINEER RESERVES THE RIGHT TO REQUEST A COMPACTION TEST AND/OR A CORE SAMPLE. IF TESTS PROVE CORRECT, PER ABOVE SPECIFICATION, TESTS WILL BE AT THE EXPENSE OF MCDONALD'S, OTHERWISE, G.C. WILL BE CHARGED.

LOT LIGHTING RECOMMENDATION

EXISTING LOT LIGHTS TO REMAIN. VERIFY WITH MCDONALD'S CONSTRUCTION MANAGER IF CLEAN/RELAMP OR NO WORK DURING THIS PROJECT.

PARKING INFORMAITON

TOTAL SPACES	25	9'-0" X 20'-0" SPACES @ 65'
	20	9'-0" X 20'-0" SPACES @ 60'
	2	ADA 9'-0" X 20'-0" SPACES @ 65'
	47	

UTILITY INFORMATION

	SIZE	TYPE	LOCATION
SANITARY SEWER	EXISTING		
WATER	EXISTING		
STORM SEWER	EXISTING		
ELECTRIC	EXISTING		
GAS	EXISTING		

SURVEY INFORMATION

PLAN SCALE: 1" = 20'

STREET ADDRESS  
3995 RICKEY ST. SE

CITY  
SALEM

STATE  
OR

COUNTY  
MARION

REGIONAL DWG. NO

36-0189

CORPORATE DWG. NO.

14118

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PREPARED BY:  
M. McDonald's USA, LLC

DESIGNER:  
NEW SBS DRIVE THRU AT EXISTING BUILDING

DATE:  
JUL 2021

TITLE:  
SIDE-BY-SIDE DRIVE THRU REMODEL

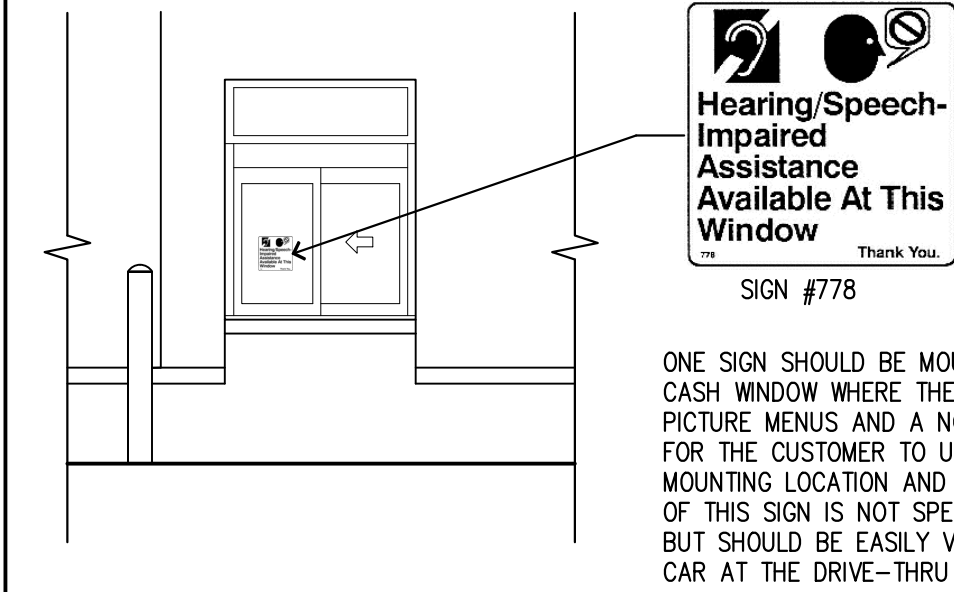
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DATE:  
JUL 2021

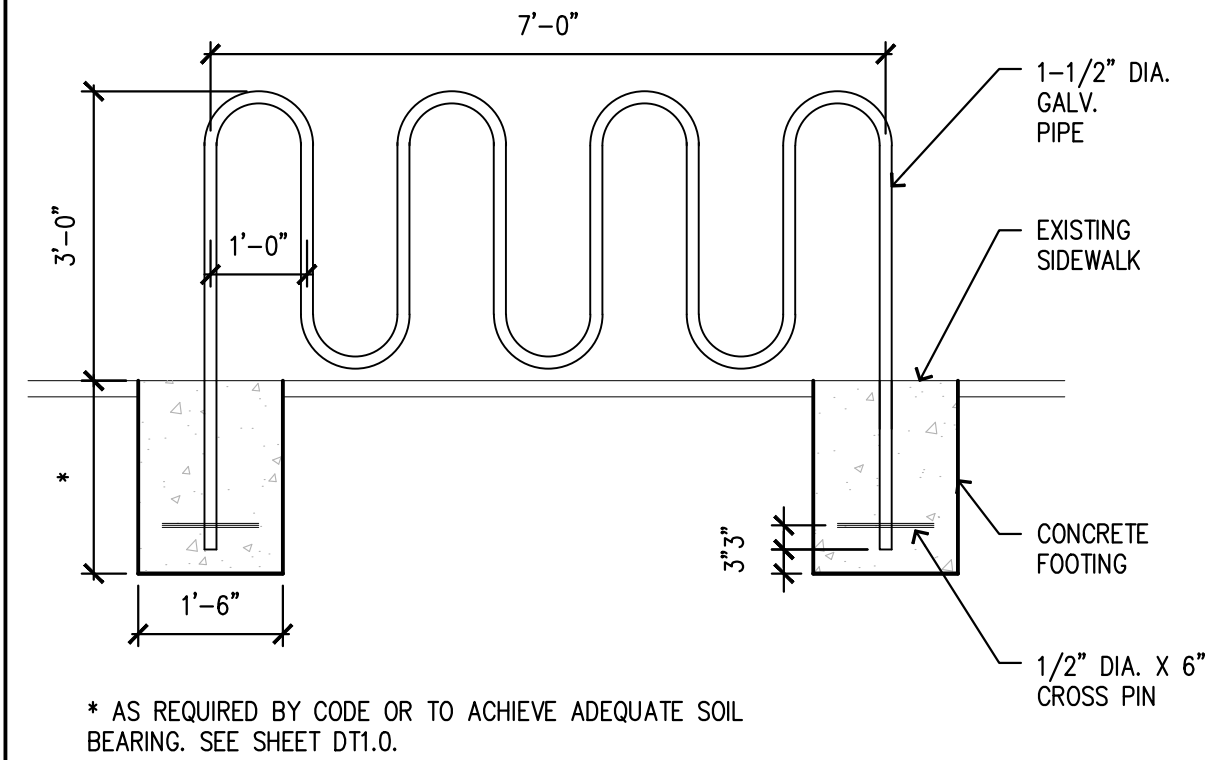
SHEET NO.  
PP21-210  
SP-2  
SITE PLAN

DATE:  
JUL 2021

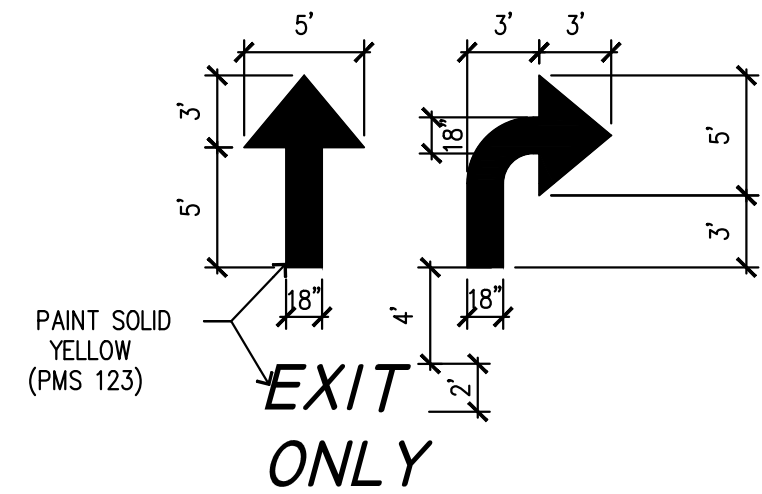
BY:  
REV



5  
SD1  
SPEECH/ HEARING IMPAIRED SIGN @ D.T.  
SCALE: NOT TO SCALE  
105\_SPEECH\_SIGN\_DT.DWG

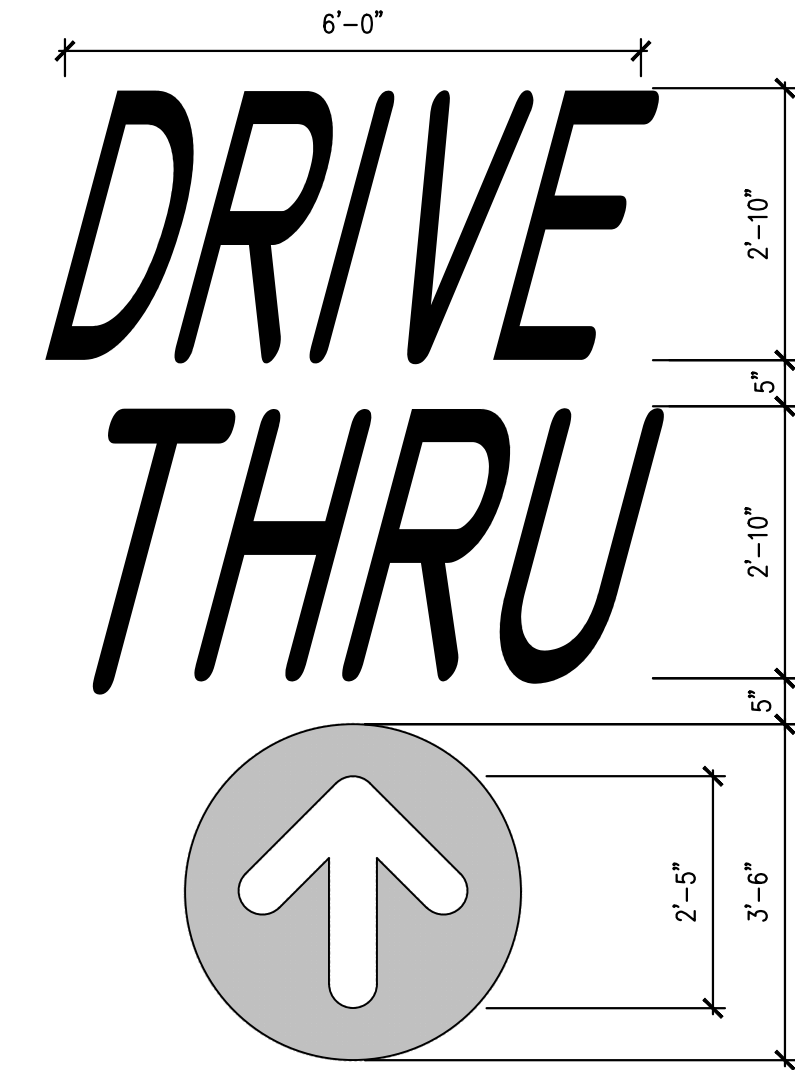


6  
SD1  
BIKE RIBBON RACK DETAIL  
SCALE: NOT TO SCALE  
BIKE\_RACK.DWG



NOTE: ARROWS AND WORDS CAN BE ARRANGED IN OTHER COMBINATIONS THAN THOSE ILLUSTRATED HERE TO ACHIEVE DESIRED RESULT.

1  
SD1  
TYPICAL PAVEMENT MARKINGS  
SCALE: NOT TO SCALE  
PAVEMENT\_MARKING.DWG



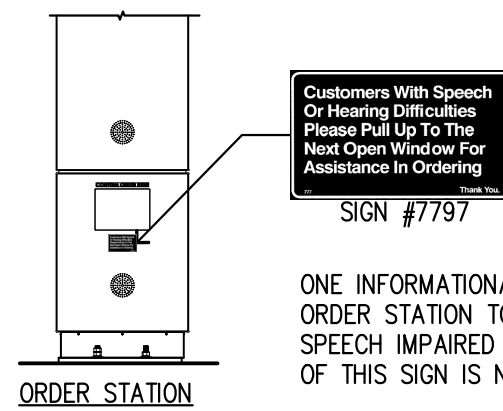
NOTE: ALL TEXT AND ARROW SHALL BE PAINTED YELLOW (PMS 123)

2  
SD1  
PAINTED "DRIVE-THRU" WITH ARROW  
SCALE: NOT TO SCALE  
PAINTED\_DRIVE\_THRU.DWG



NOTE: ALL TEXT SHALL BE PAINTED YELLOW (PMS 123)

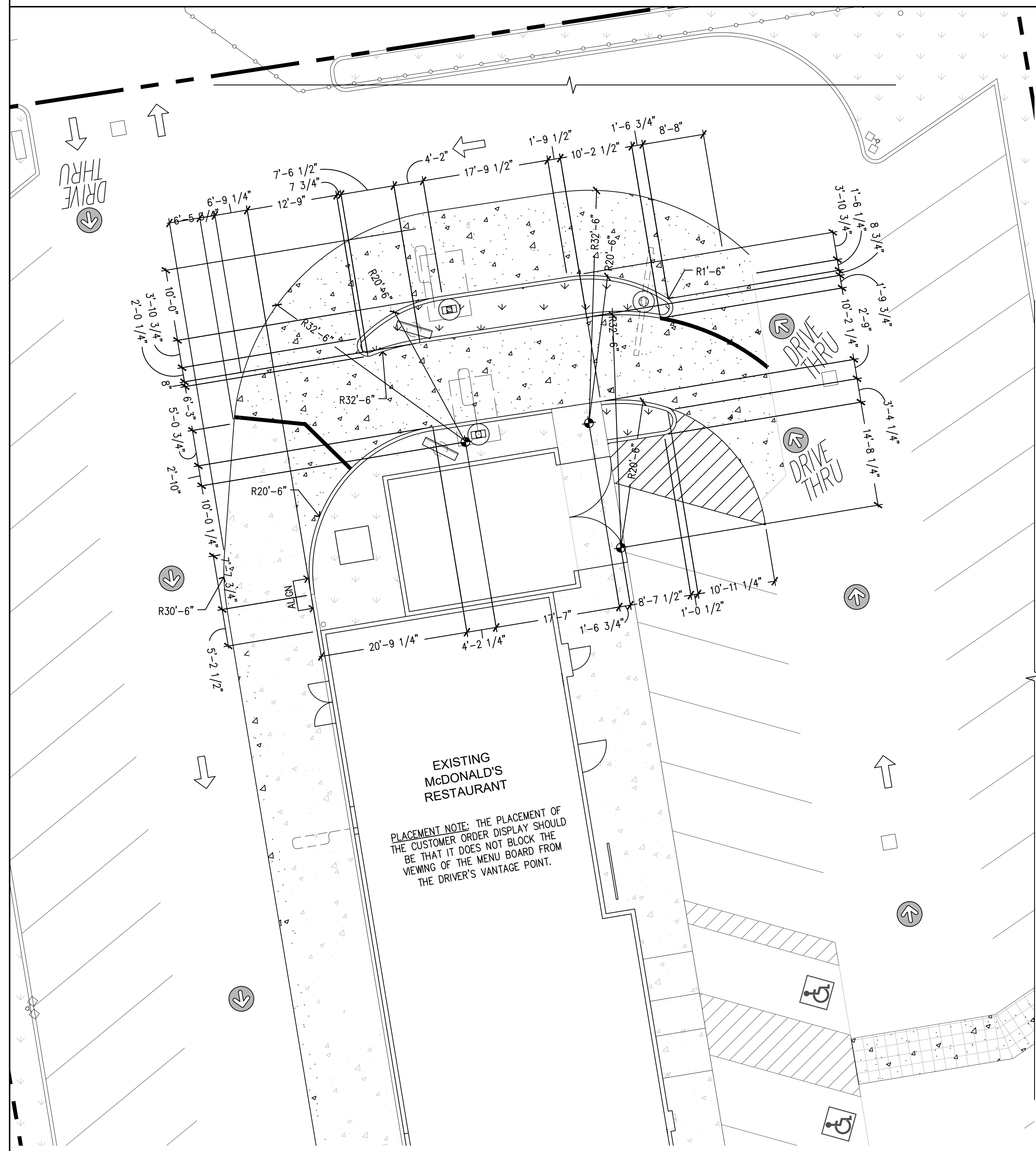
3  
SD1  
PAINTED "THANK YOU"  
SCALE: NOT TO SCALE  
PAINTED\_THANK\_YOU.DWG



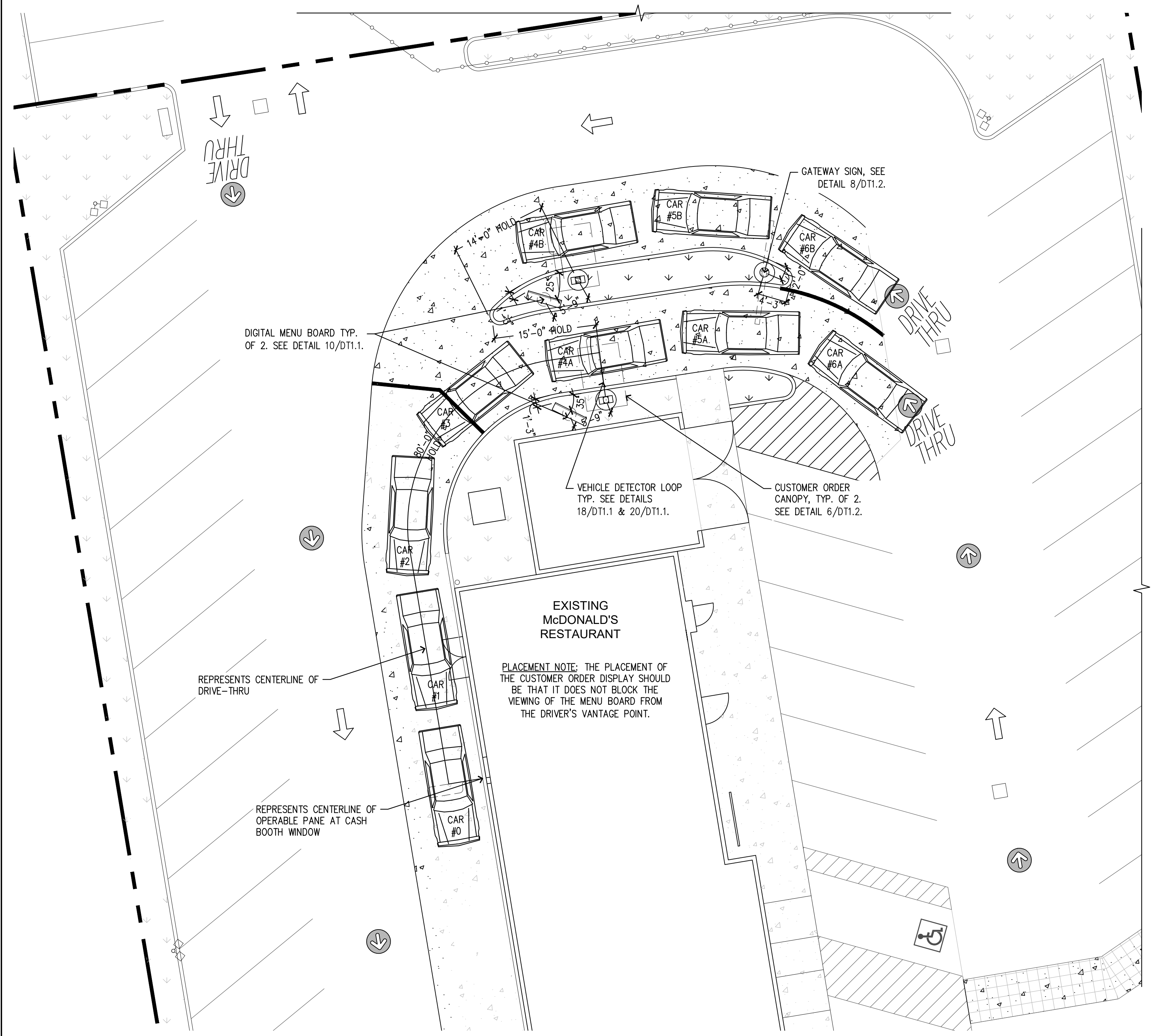
4  
SD1  
SPEECH/ HEARING IMPAIRED SIGN @ C.O.D.  
SCALE: NOT TO SCALE  
SPEECH\_SIGN\_COD.DWG

SHEET NO.		TITLE		DRAWN BY		PREPARED FOR:		M. McDonald's USA, LLC		© 2020 McDonald's USA, LLC		PREPARED BY:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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  **DRIVE THRU APPROACH - DIMENSIONS**  
SCALE: 1" = 10'-0"



**DRIVE THRU APPROACH - SIGNAGE**

GENERAL NOTES:

1. THE LOCATION AND ORIENTATION OF MENU BOARDS AND PRE-SELLS WERE DETERMINED BY THE SIGHT LINES OF THE CARS SHOWN. THE CARS WERE POSITIONED ACCORDING TO THE MAX. AMOUNT OF CARS DURING A PEAK PERIOD. ALL DIMENSIONS SHOWN ARE BASED UPON PROTOTYPICAL LAYOUTS SHOWN. ACTUAL DIMENSIONS TO BE BASED ON SITE SPECIFIC CONFIGURATIONS AND THE REQUIREMENTS OF NOTES 2, 3 & 4.
2. MENU BOARDS ARE ORIENTATED FOR VIEWING BY CARS 4A & 4B (PRIMARY USERS) & CARS 5A & 5B (SECONDARY USERS).
3. PRE-BROWSE MENU BOARDS ARE ORIENTED FOR VIEWING BY CARS 5A & 5B.
4. PROVIDE TWO CIRCUITS PER MENU BOARD. ONE CIRCUIT FOR LIGHTS AND ONE CIRCUIT WITH LOCK FOR MOTOR AND CONTROLLER.
5. ALL GALVANIZED ANCHOR BOLTS TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR.
6. CONTRACTOR & SIGN INSTALLER TO INSTALL ALL SIGNS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

## 1 DRIVE-THRU GENERAL NOTES

SCALE: - DT\_GENERAL\_NOTES.DWG

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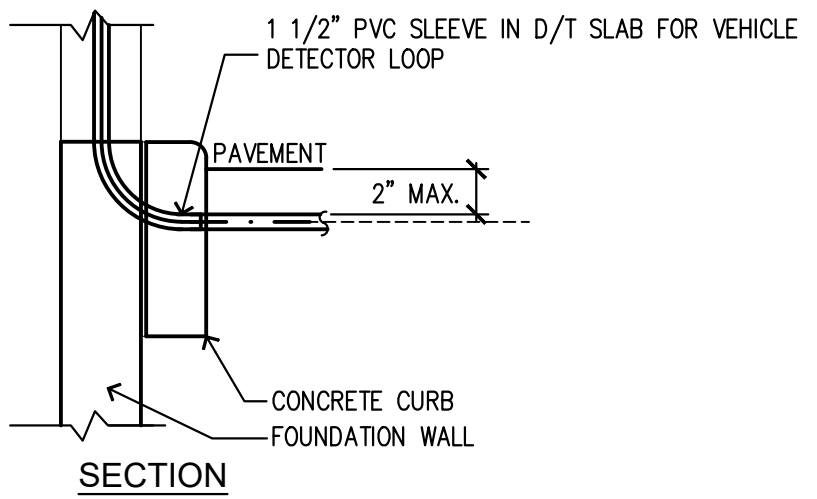
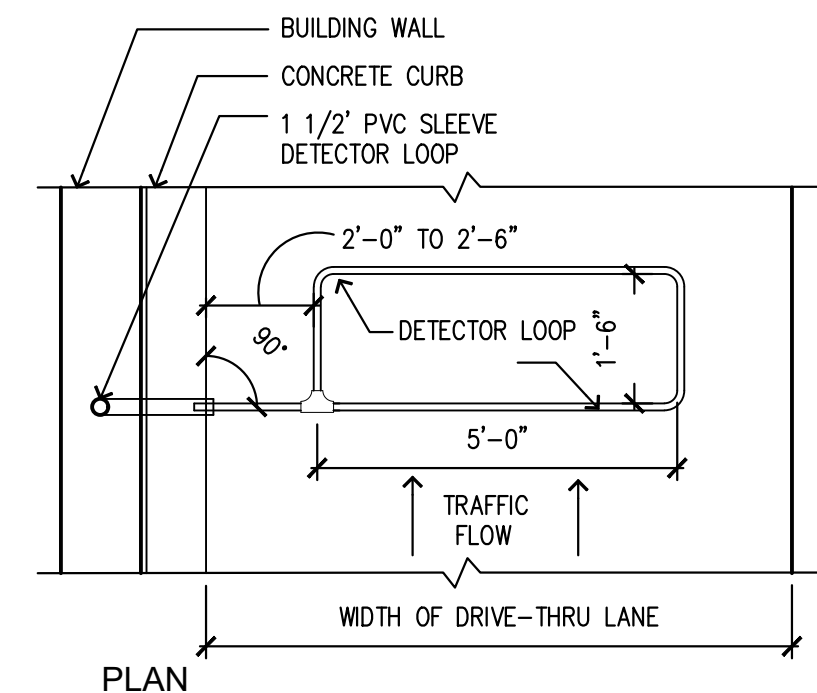
**M. McDonald's USA, LLC**

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SIDE-BY-SIDE DRIVE THRU REMODEL		STO ISSUED DATE 07/20/2021
DESCRIPTION NEW SES DRIVE THRU AT EXISTING BUILDING		REVIEWED BY SEM
SHEET ID		DATE ISSUED JUL 2021
SHEET ADDRESS 36--0189		
PP21-210		
DT1.0		
DRIVE THRU PLAN		

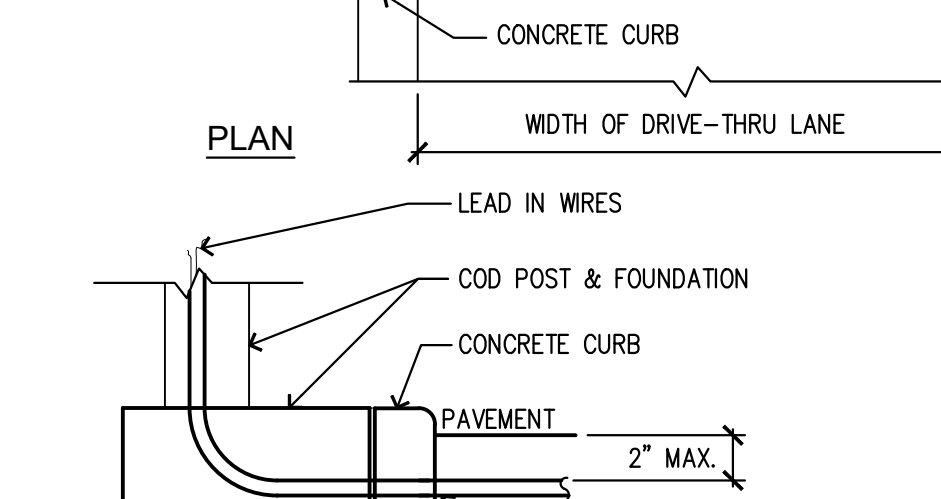
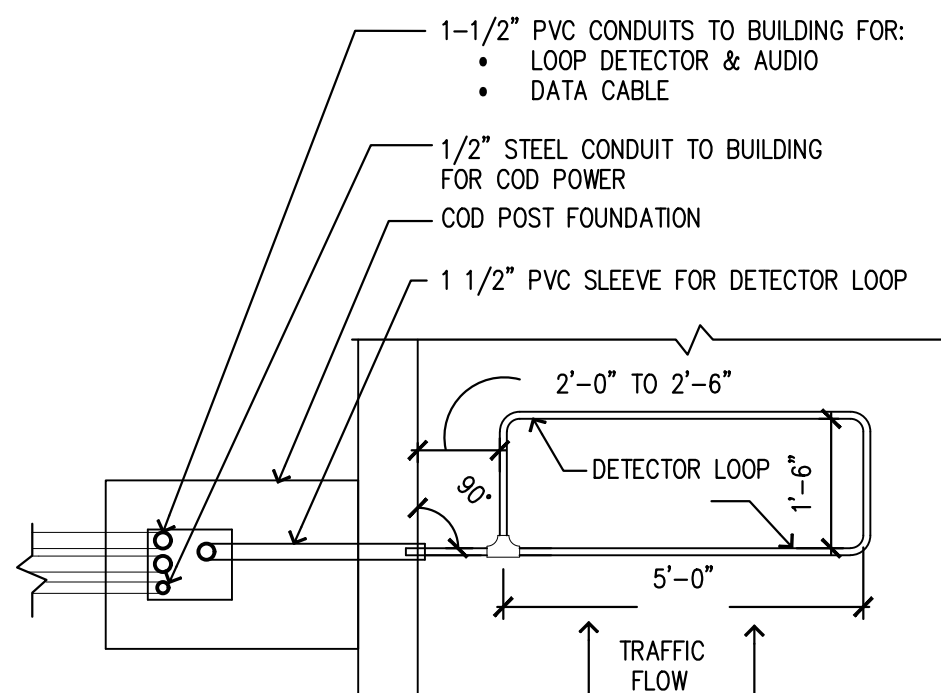
NOTES:

1. VERIFY CONDUIT SIZES AND LAYOUT WITH DETECTOR LOOP MANUFACTURER.
2. CENTER VEHICLE DETECTOR LOOP IN DRIVE THRU LANE. INSTALL PER MFR. RECOMMENDATIONS.
3. SEE SHEET DT1.0 FOR DIMENSIONS OF DRIVE-THRU LANE CONCRETE PAD FOR DETECTOR LOOP.
4. NO STEEL (REBAR OR ELECTRICAL WIRE) SHALL BE USED WITHIN 2' OF LOOP.
5. DETECTOR LOOP MANUFACTURERS:  
SM: 1-800-328-0033  
HME: 1-800-848-4468
6. DETECTOR LOOP MATERIAL:  
PVC TUBING 1/2" I.D., 100 PSI LOOP MADE FROM ONE LENGTH OF THIN FOURTEEN GAUGE STRANDED WIRE. LEAD-IN IS PRE-TWISTED AT FACTORY.
7. DETECTOR LOOP CONSTRUCTION:  
FORMED WITH ONE CONTINUOUS LENGTH OF PVC WITH NO SHARP CORNERS AS DETAILED. WIRE LOOPED, FORMED & PITGAILED AS DETAILED.



NOTE: DETECTOR LOOPS AT PRESENTATION AND ORDER WINDOWS ARE OPTIONAL. GC TO INSTALL. PVC SLEEVES TO FACILITATE POSSIBLE FUTURE LOOP INSTALLATION.

B - DT WINDOW DETECTOR LOOP



NOTE: DETECTOR LOOPS AT PRESENTATION AND ORDER WINDOWS ARE OPTIONAL. GC TO INSTALL. PVC SLEEVES TO FACILITATE POSSIBLE FUTURE LOOP INSTALLATION.

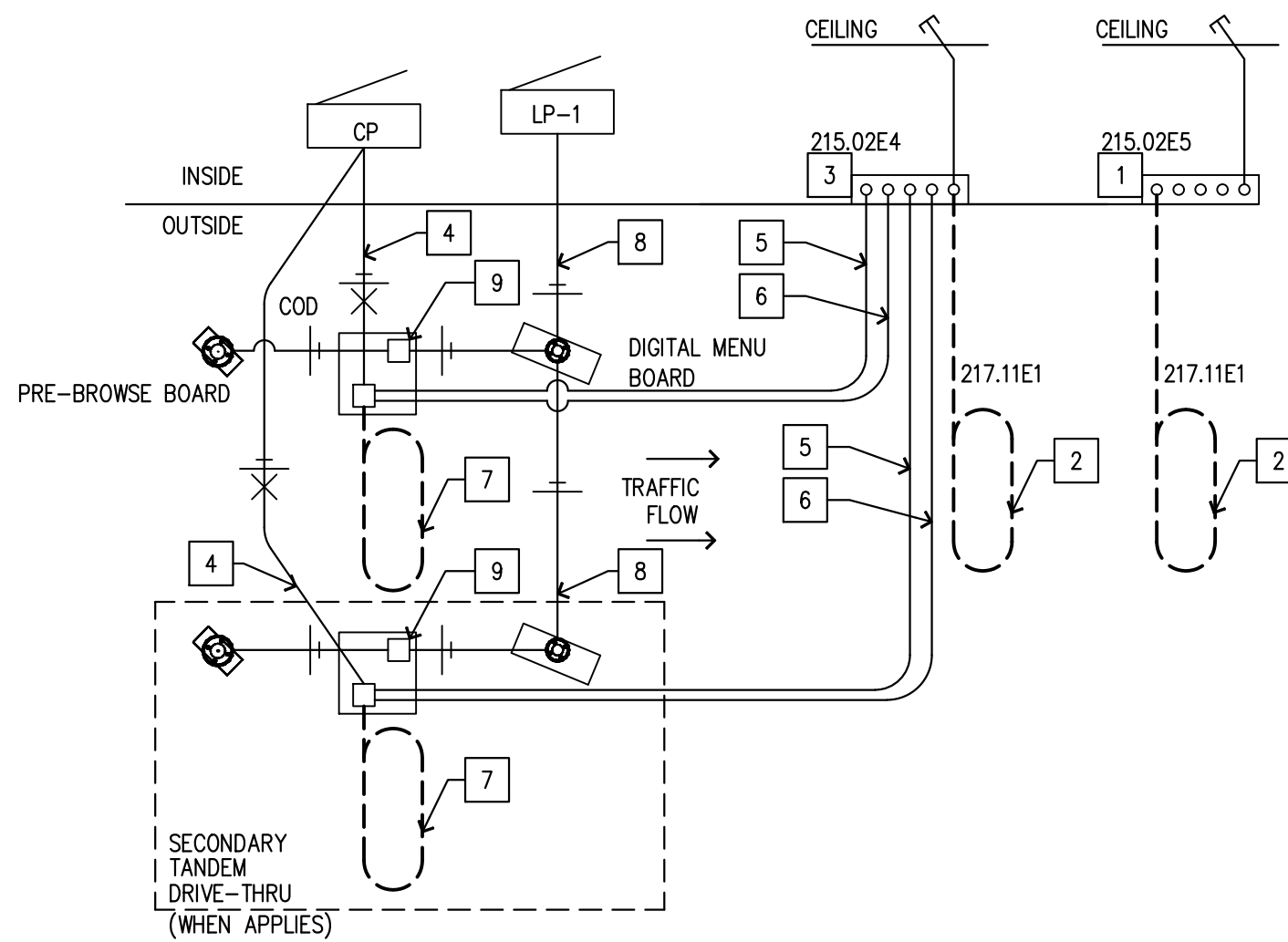
A - C.O.D. DETECTOR LOOP

DETECTOR LOOP DETAIL

SCALE: NOT TO SCALE

KEYNOTES

- |   |  |
|---|--|
| 1 ELECTRICAL EQUIPMENT ITEM 215.02E5 IN PRESENTATION BOOTH. PROVIDE 2" HOLE & GROMMET IN JUNCTION BOX COVER PLATE FOR POS DATA CABLES. PROVIDE 2 1/2" ABOVE CEILING.      | 5 1 1/2" PVC CONDUIT FOR REMOTE LOOP DETECTOR & COD AUDIO CABLES. EC TO PROVIDE 3 PULL STRINGS INSIDE CONDUIT. |
| 2 OPTIONAL DRIVE-THRU WINDOW DETECTOR LOOP FOR ORDER & PRESENTATION WINDOWS - SEE 18/DT1.1. G.C. TO INSTALL. PVC SLEEVES TO FACILITATE POSSIBLE FUTURE LOOP INSTALLATION. | 6 1 1/2" FOR COD DATA CABLES. EC TO PROVIDE 3 PULL STRINGS INSIDE CONDUIT.                                     |
| 3 ELECTRICAL EQUIPMENT ITEM #215.02E4 IN ORDER/CASH BOOTH. PROVIDE 2" HOLE & GROMMET IN JUNCTION BOX COVER PLATE FOR POS DATA CABLES. PROVIDE 2 1/2" ABOVE CEILING.       | 7 CONDUIT FOR COD LOOP DETECTOR, ELECTRICAL EQUIPMENT ITEM 217.11E1 - SEE 18/DT1.1.                            |
| 4 PROVIDE STEEL CONDUIT AND CONDUCTOR PER POS & COD ISOLATED GROUND/ DEDICATED CIRCUIT DETAIL. 1/2" C-2#12 & #12 GROUND & 1#12 ISOLATED GROUND. PROVIDE 1 CB PER COD.     | 8 1/2" C-2#12, POWER FOR MENU BOARD ILLUMINATION.  |
|   | 9 "ORDER HERE" CANOPY LIGHTS.  |

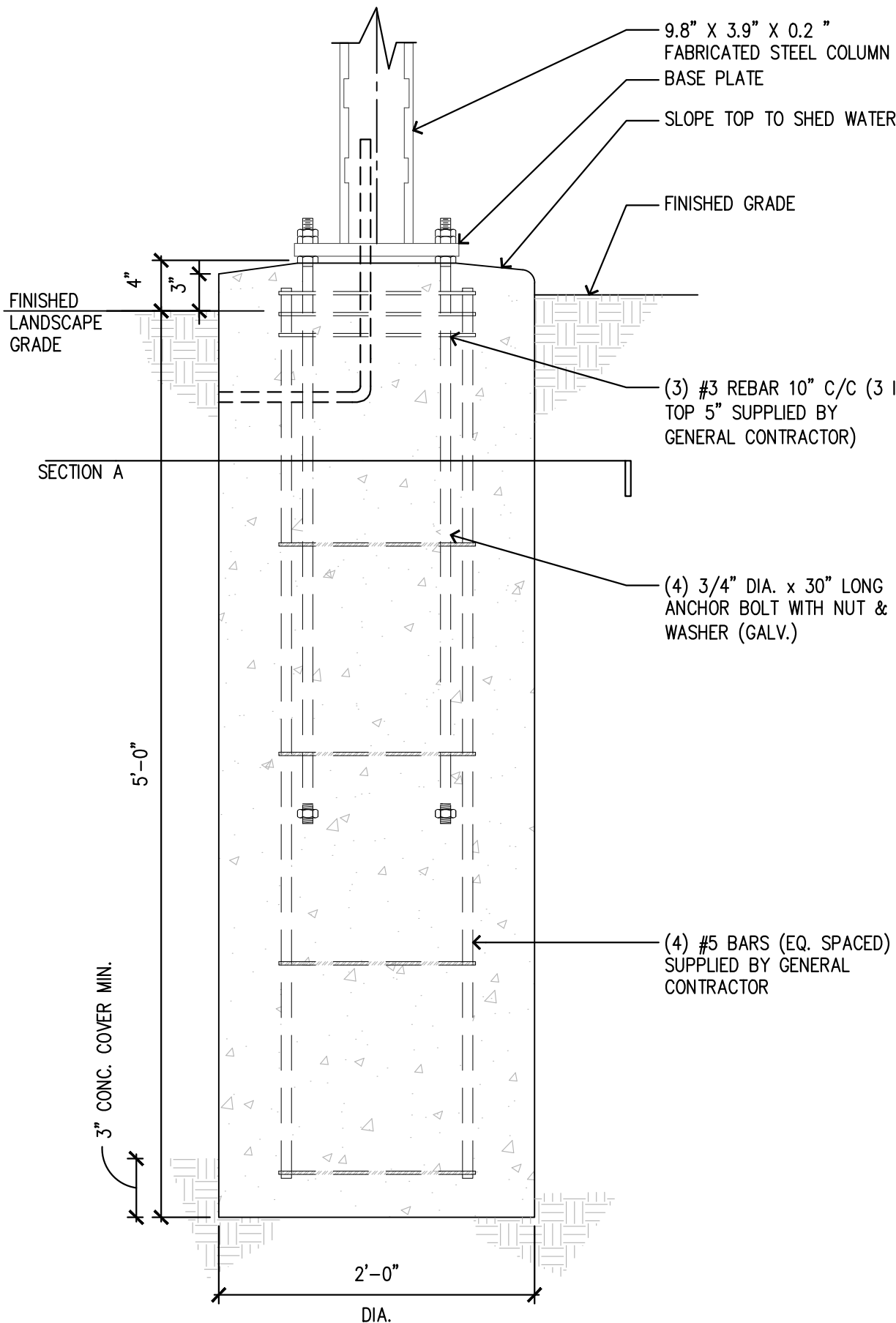


DRIVE-THRU SITE WIRING DIAGRAM

SCALE: NOT TO SCALE

NOTES:

- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
- USE 3000 PSI CONCRETE COMPRESSIVE STRENGTH (f<sub>c</sub>)
- PIER DEPTHS REQUIRED ARE MINIMUMS. ALL PIERS TO EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION.

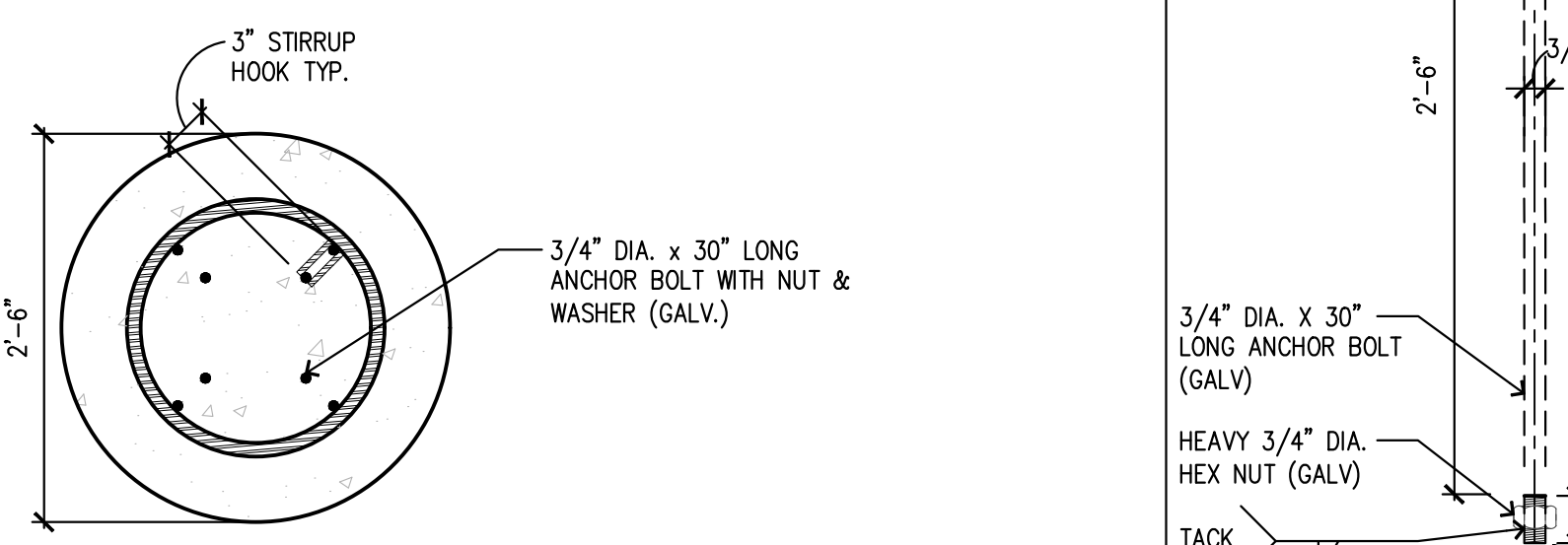
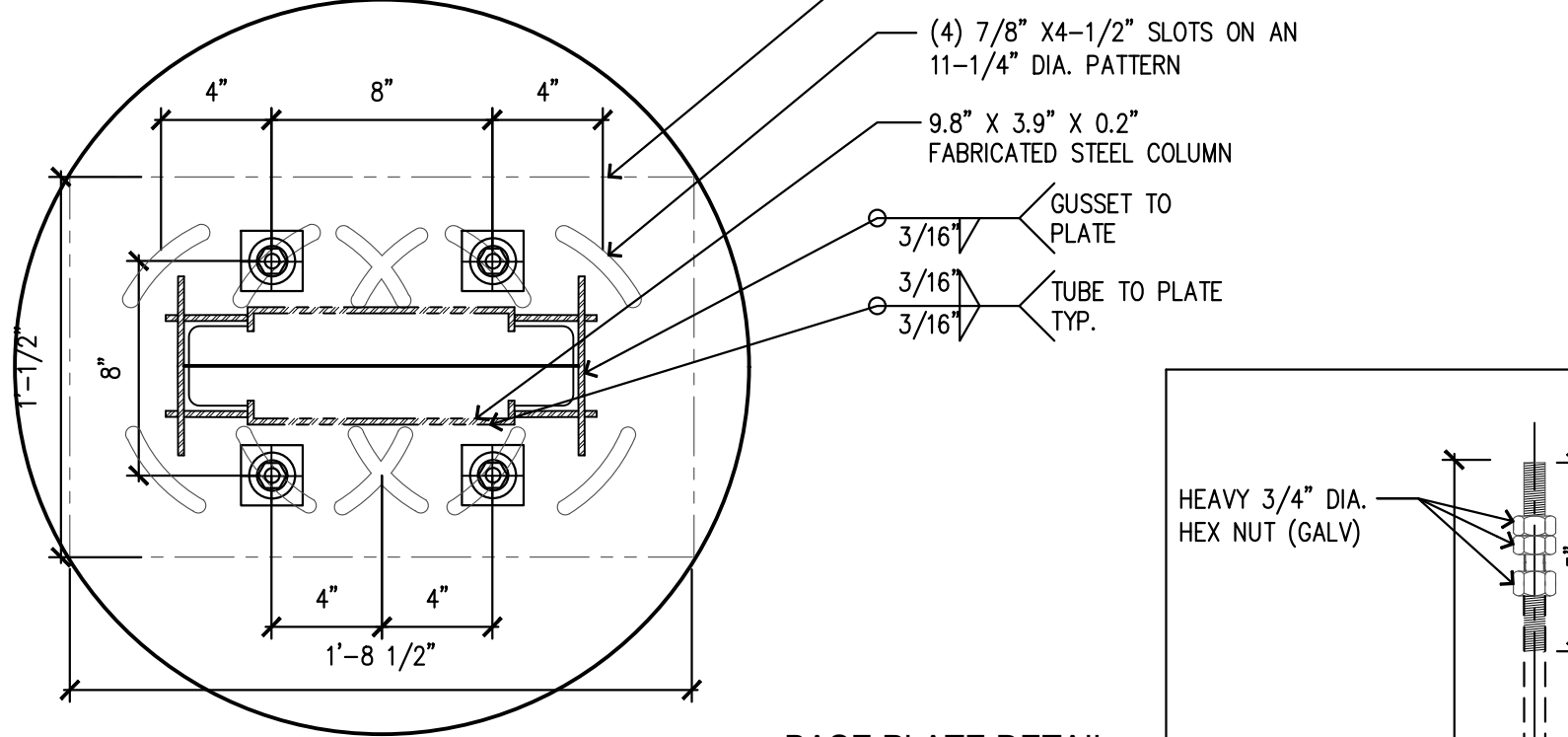


DIGITAL MENU BOARD

SCALE: NOT TO SCALE

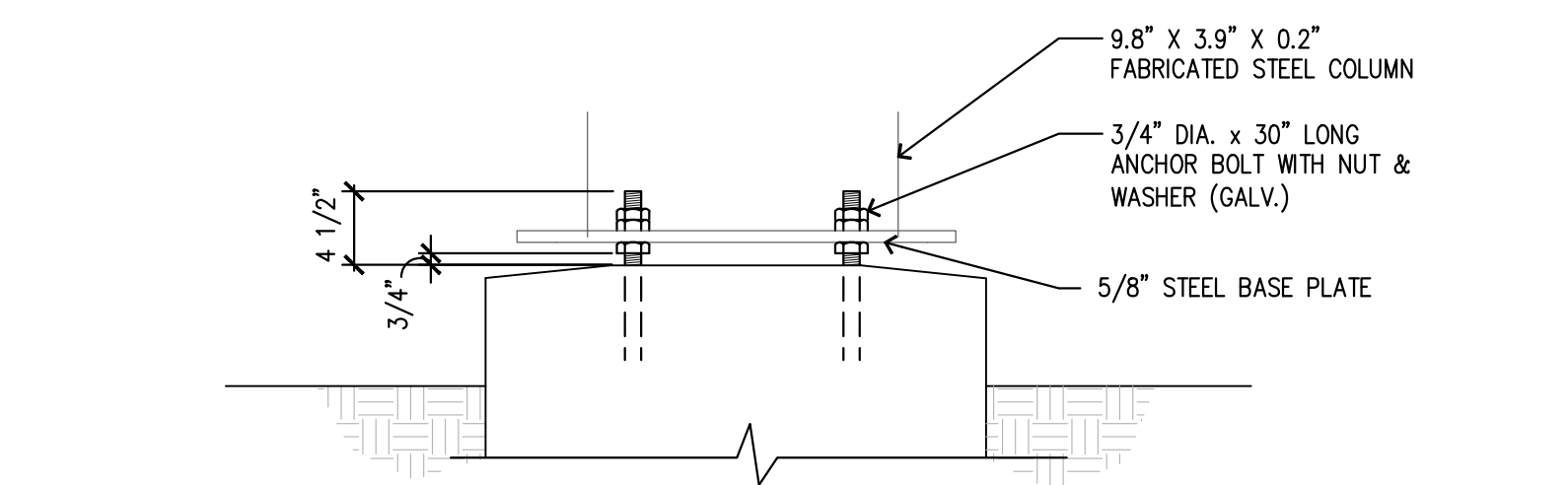
NOTES:

- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.



NOTES:

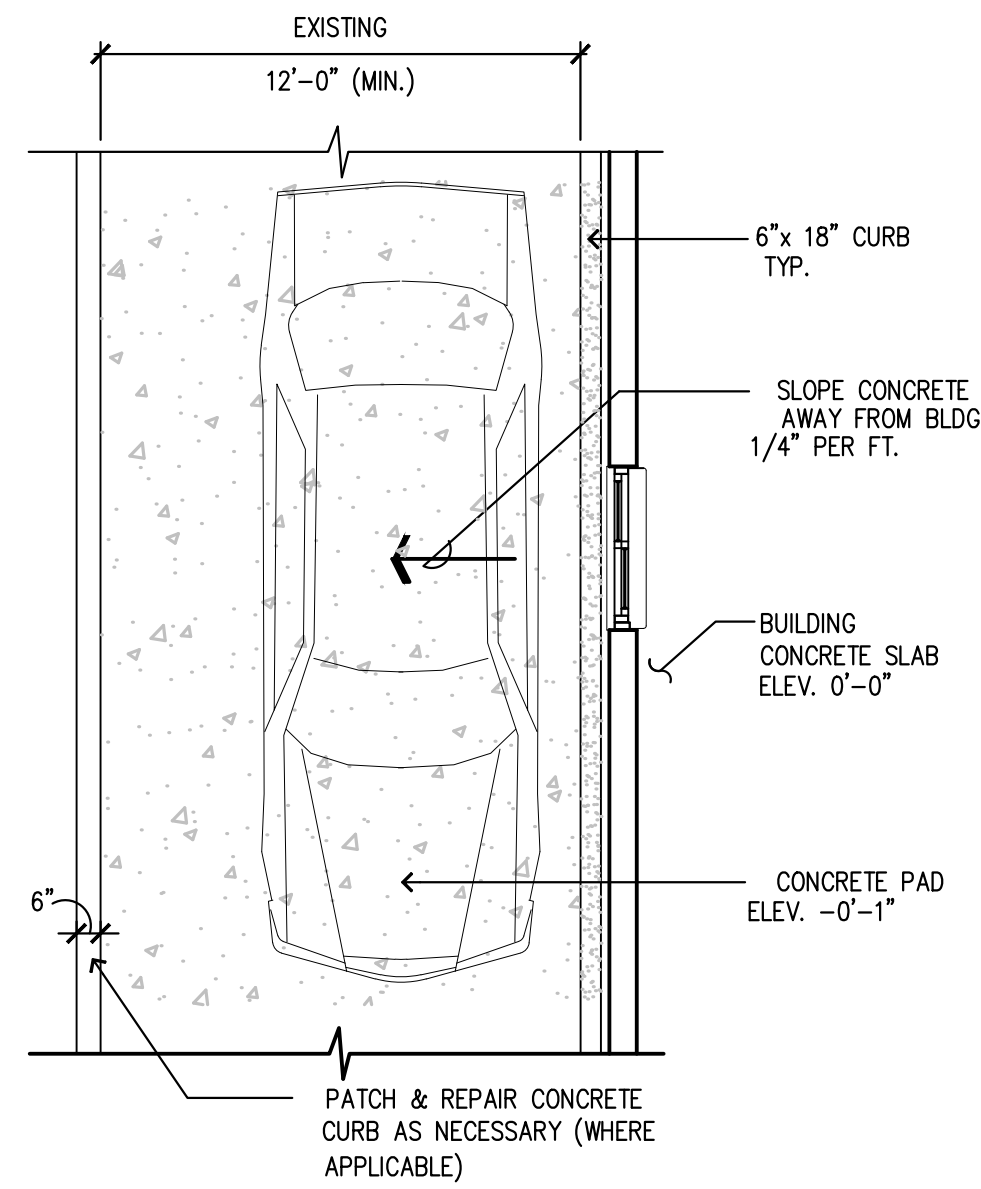
- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
- DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE



CONNECTION DETAIL

NOTES:

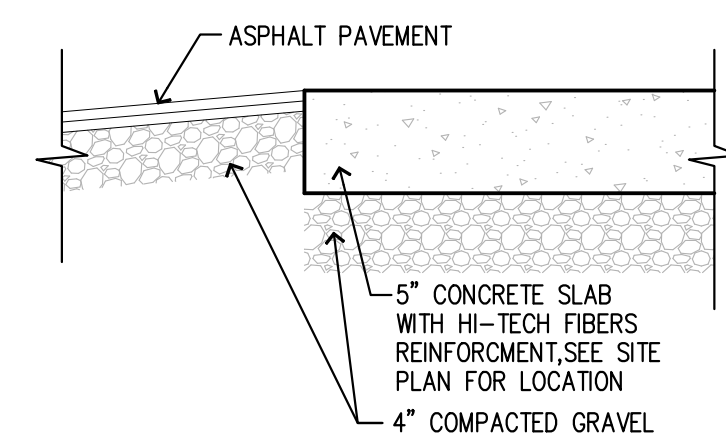
1. G.C. TO COORDINATE THE RESPONSIBILITIES OF THE ELECTRICAL CONTRACTOR AND THE SIGN SUPPLIER.
2. GENERAL CONTRACTOR TO INSTALL PRE-FORMED, PRE-WIRED VEHICLE DETECTOR LOOP.
3. #12 GREEN GROUNDING CONDUCTOR MUST BE RUN WITH CIRCUIT CONDUCTORS FROM GROUND BUS IN PANEL LP TO ALL MENU BOARDS AND REFERENCE BOARDS.
4. ALL UNDERGROUND CONDUIT FOR AUDIO TO BE P.V.C. NO METAL ALLOWED.
5. ALL GALVANIZED ANCHOR BOLTS TO BE SUPPLIED BY THE CONTRACTOR.



D/T CONCRETE PAD

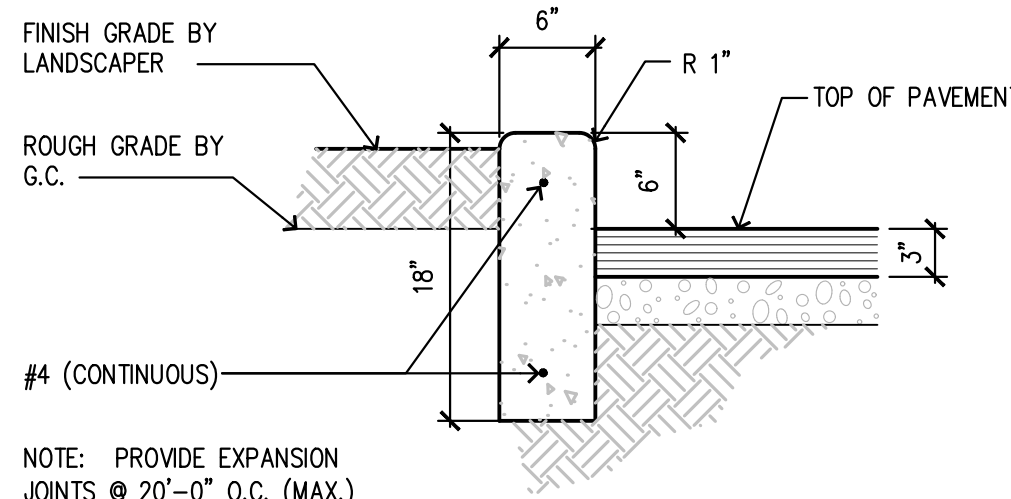
SCALE: 1/4" = 1'-0"

NOTE: SLOPE PAVEMENT TO FOLLOW LOT FOR DRAINAGE



DRIVE THRU PAD DETAIL

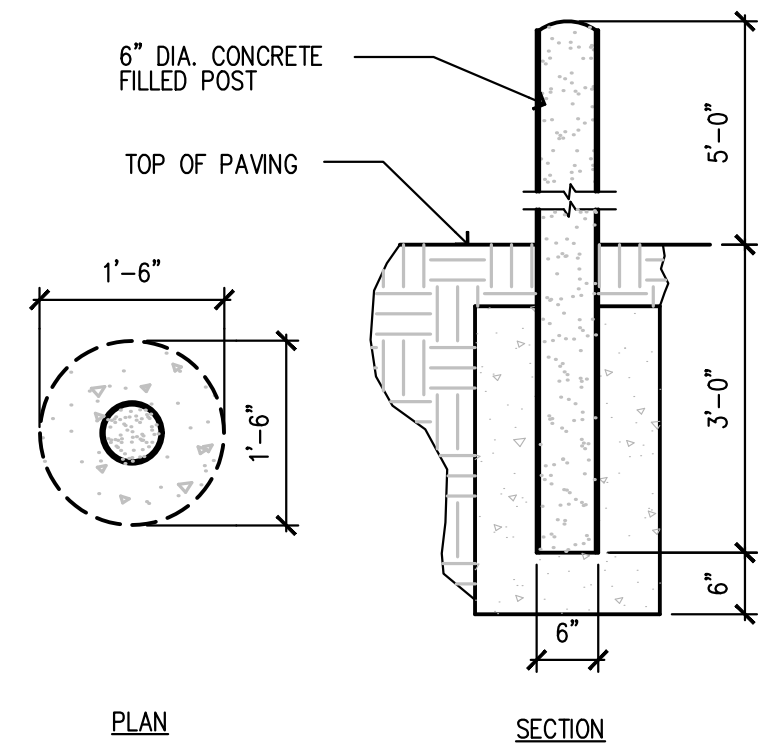
SCALE: 1/4" = 1'-0"



6" X 18" CURB SECTION

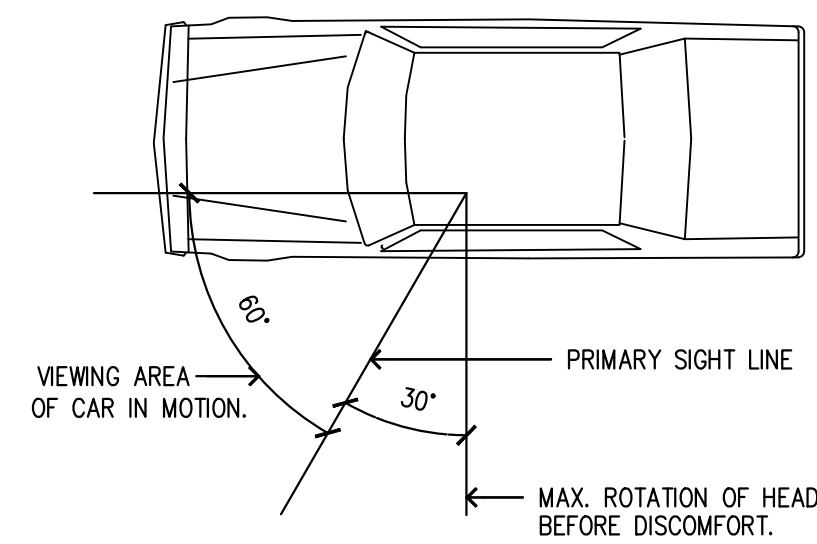
SCALE: 1/4" = 1'-0"

REGISTERED ARCHITECT SHERRI E. GRIENIS KIRKLAND, WA STATE OF OREGON		Copyright © 2019 Magellan Associates PLLC	
MAGELLAN ASSOCIATES, PLLC 8333 158th Avenue Northeast, Suite 280 Redmond, Washington 98052 Tel (425) 885-4300 Fax (425) 885-4303 www.magellanarchitects.com		MAGELLAN ASSOCIATES, PLLC 8333 158th Avenue Northeast, Suite 280 Redmond, Washington 98052 Tel (425) 885-4300 Fax (425) 885-4303 www.magellanarchitects.com	
PREPARED BY	DATE	REV	DATE
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D/T POST DETAIL

SCALE: NOT TO SCALE

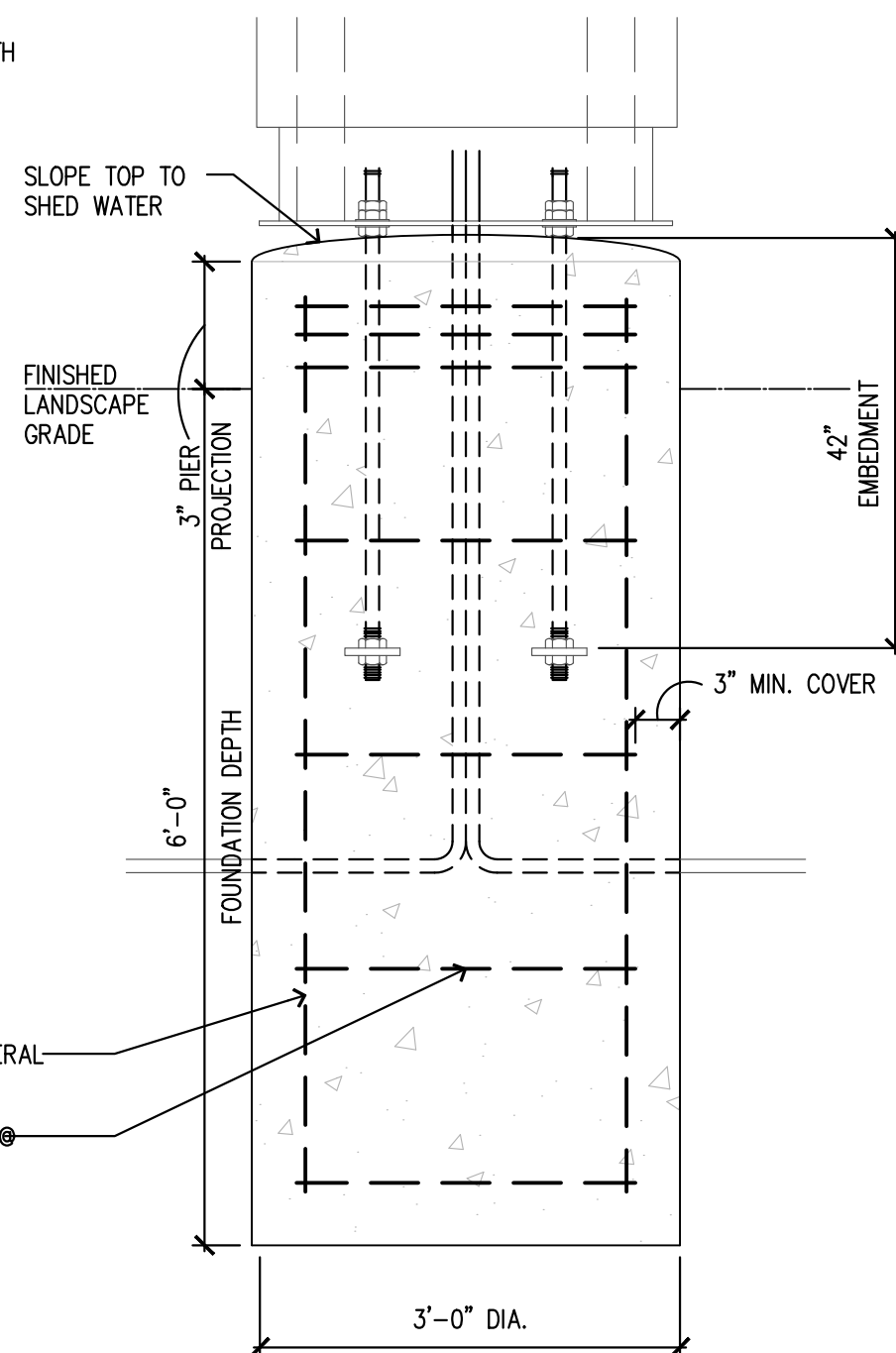


## VEHICLE SIGHT LINES

SCALE: NOT TO SCALE

NOTE:

- USE 3000 PSI CONCRETE COMPRESSIVE STRENGTH (f'c)
- PIER DEPTHS REQUIRED ARE MINIMUMS. ALL PIERS TO EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION.
- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
- MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE 100 PSF/FT OF DEPTH (x2)
- PROVIDE A MINIMUM OF 3" CONCRETE COVER FOR ALL EMBEDDED STEEL
- ALL REINFORCING BY GENERAL CONTRACTOR



(8) #6 VERTICALS SUPPLIED BY GENERAL-  
CONTRACTOR

#3 TIES @ 12" O.C. W/ (3) #3 TIES @  
TOP 5" SUPPLIED BY GENERAL  
CONTRACTOR

**NOTE:**

- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
- USE F1554 GRADE 36 BOLTS MINIMUM
- USE HOT DIPPED GALVANIZED BOLTS
- ANCHOR BOLTS TO BE SET IN ACCORDANCE WITH AISC CODE OF STANDARD PRACTICE
- ANCHOR RODS, NUTS & WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/ LIGHTING MANUFACTURER
- DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE

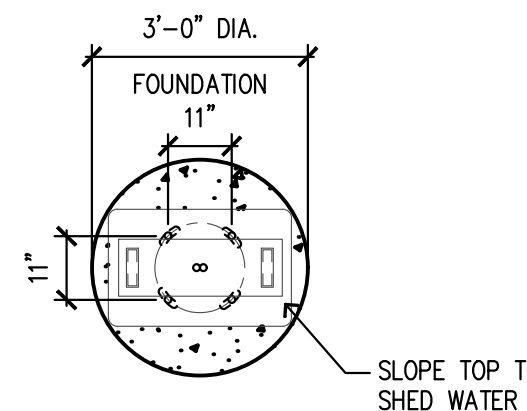


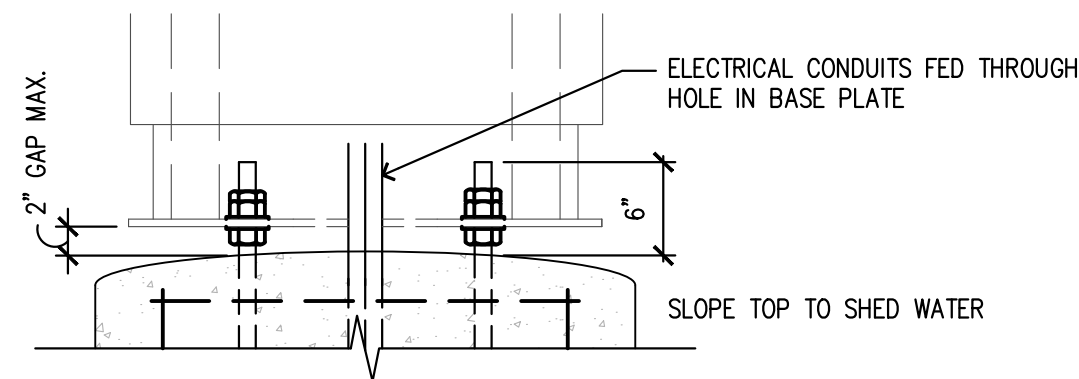
Diagram illustrating the components of the leveling nut assembly:

- 1/2 HEIGHT LOCK NUT (GALVANIZED)
- HEAVY HEX NUT (GALVANIZED)
- PLATE WASHERS (GALVANIZED)
- HEAVY HEX LEVELING NUT (GALVANIZED)
- PER MFR.

ANCHOR BOLT

**NOTE:**

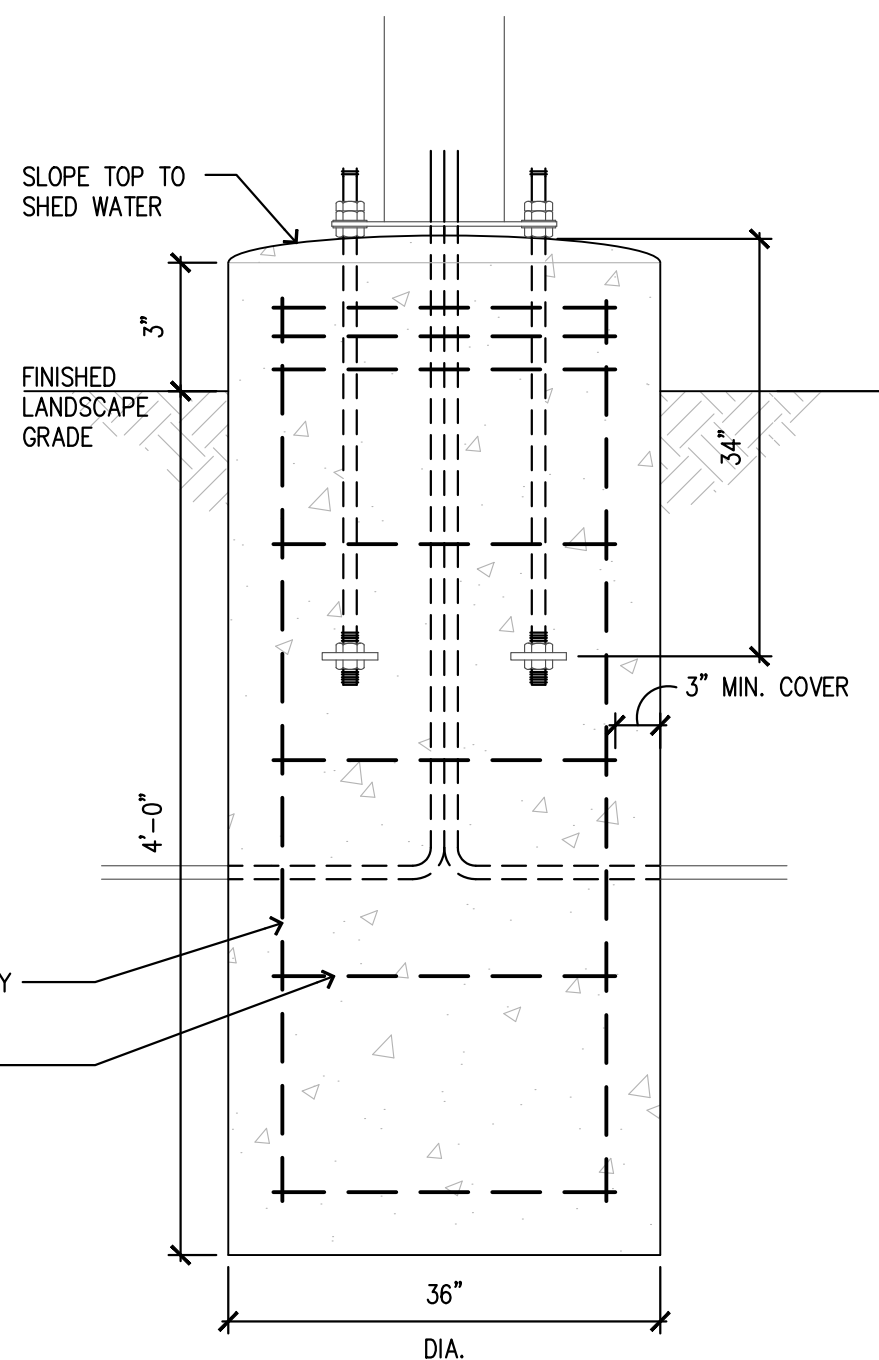
- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
- ANCHOR RODS, NUTS & WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/ LIGHTING MANUFACTURER
- DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE



### CONNECTION DETAIL

6

- NOTE:
- USE 3000 PSI CONCRETE COMPRESSIVE STRENGTH (f<sub>c</sub>)
  - PIER DEPTHS REQUIRED ARE MINIMUMS. ALL PIERS TO EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION.
  - PIER DEPTHS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
  - ELECTRICAL CONTRACTOR TO PROVIDE INFORMATION ON CABLE AND ELECTRICAL REQUIREMENTS.
  - MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE 100 PSF/FT OF DEPTH (x2).
  - 3" MIN. CONCRETE COVER FOR REINFORCEMENT
  - ALL REINFORCING BY GENERAL CONTRACTOR



(12) 6'-10" #6 VERTICALS SUPPLIED BY  
GENERAL CONTRACTOR

#3 TIES @ 12" O.C. W/ (3) #3 TIES @  
TOP 5" SUPPLIED BY GENERAL  
CONTRACTOR

**NOTE:**

- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
- HOT DIPPED GALVANIZED BOLTS
- F1554 GRADE 36 ANCHOR BOLTS
- ANCHOR BOLTS TO BE SET IN ACCORDANCE WITH AISC CODE OF STANDARD PRACTICE
- ANCHOR RODS, NUTS & WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/ LIGHTING MANUFACTURER
- DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE

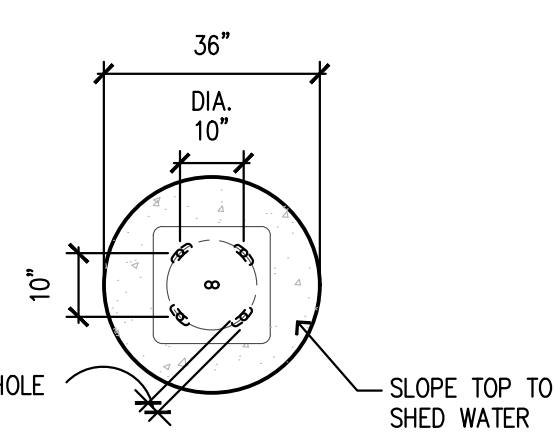


Diagram illustrating the components of the leveling nut assembly:

- 1/2" HEIGHT LOCK NUT (GALVANIZED)
- HEAVY HEX NUT (GALVANIZED)
- GALVANIZED WASHERS (SUPPLIED BY MFR.)
- HEAVY HEX LEVELING NUT (GALVANIZED)

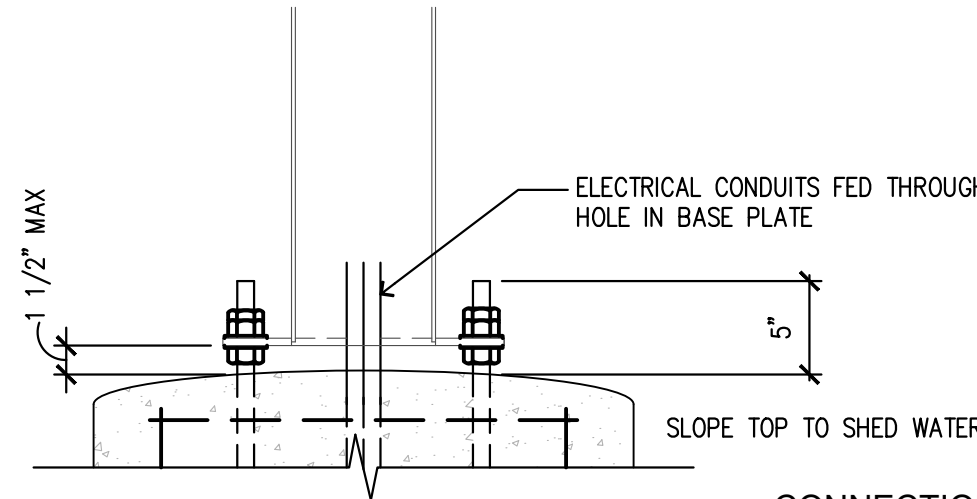
3/4" DIA. GRADUALLY  
RIPPED GALVANIZED  
ANCHOR BOLT

1"x2"x1/4" PLATE

ANCHOR BOLT

**NOTE:**

- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
- ANCHOR RODS, NUTS & WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/ LIGHTING MANUFACTURER
- DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE



### CONNECTION DETAIL

- DT1.2 SCALE: NOT TO SCALE

GATEWAY SIGN FOUNDATION

SCALE: NOT TO SCALE