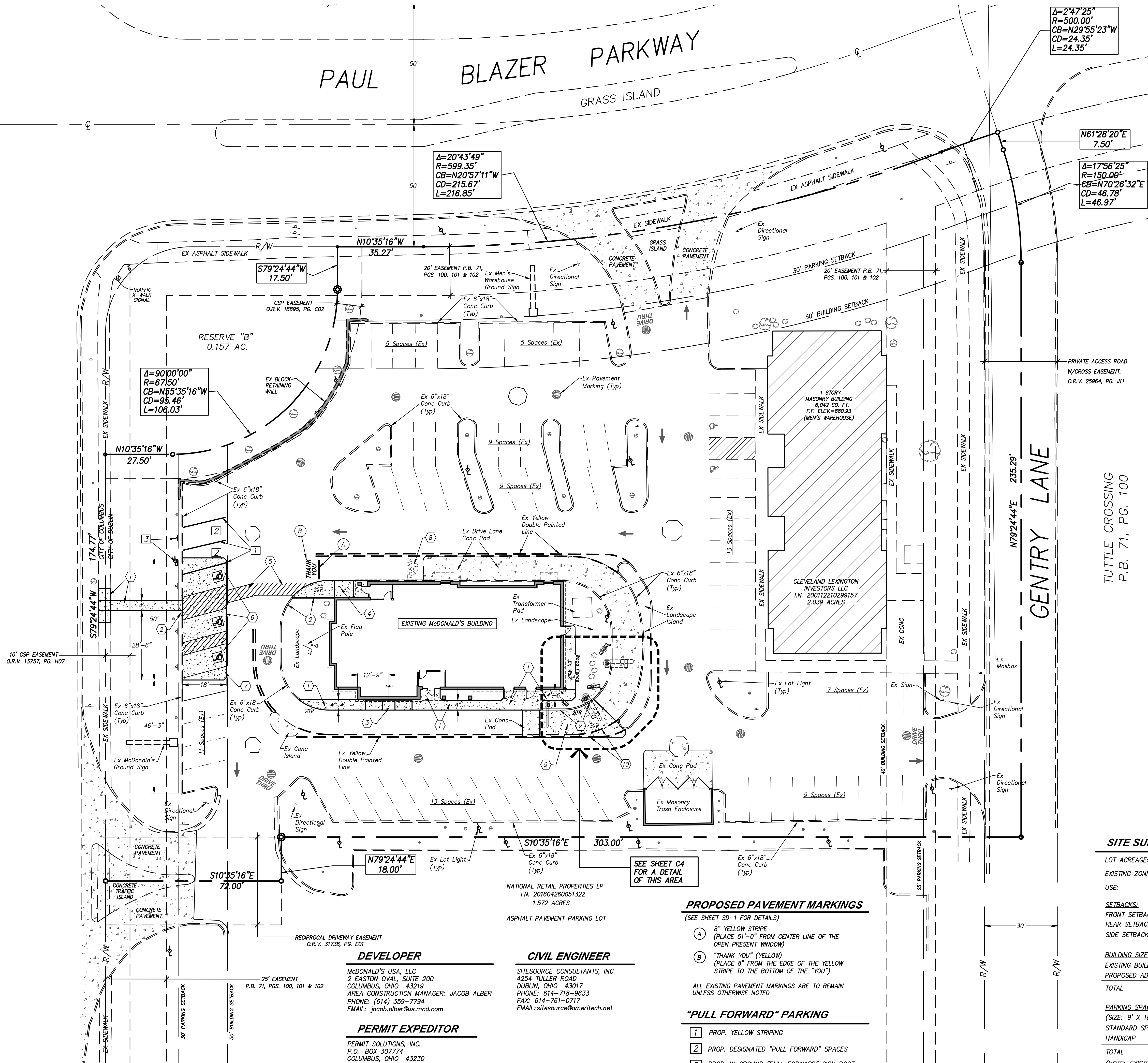


TUTTLE CROSSING BLVD.



GENERAL NOTES

THE CITY OF DUBLIN, THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION, THE OHIO ENVIRONMENTAL PROTECTION AGENCY, AND AMERICAN WATER WORKS ASSOCIATION STANDARDS AND SPECIFICATIONS SHALL GOVERN ALL MATERIAL AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN IN THESE PLANS.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTOR(S) TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THIS WORK.

THE DESIGN ENGINEER ASSUMES NO RESPONSIBILITY FOR THE MEANS, METHODS, PROCEDURES, TECHNIQUES, OR SEQUENCES OF CONSTRUCTION NOT SPECIFIED HEREIN, NOR FOR SAFETY ON THE JOB SITE OR THE CONTRACTOR'S FAILURE TO COMPLETE THE WORK AS SPECIFIED ON THIS PLAN.

ANY MODIFICATIONS OR CHANGES TO THE WORK AS SHOWN ON THE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE CITY ENGINEER.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE AND VERIFY THE EXTENT OF THE WORK TO BE PERFORMED PRIOR TO MAKING HIS BID. THIS IS ESPECIALLY TRUE WITH REGARD TO ANY REMOVAL ITEMS.

THE CONTRACTOR SHALL REPAIR OR REPLACE ANY AND ALL EXISTING WORK DAMAGED DURING OR DUE TO THE EXECUTION OF THIS CONTRACT TO EQUAL OR BETTER CONDITION PRIOR TO THE DAMAGE, AT HIS OWN EXPENSE. ALL SAID WORK TO BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE DEVELOPER'S ENGINEER AND CITY ENGINEER. ANY DAMAGE TO OTHER UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE APPROPRIATE UTILITY COMPANY AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL CONFORM TO ALL LOCAL CODES AND RECEIVE APPROVAL WHERE NECESSARY BEFORE CONSTRUCTION.

DIMENSIONS ARE TO FACE OF CURB AND/OR EXTERIOR OF BUILDING UNLESS OTHERWISE NOTED.

ALL SIDEWALKS & HANDICAP RAMPS SHALL BE BUILT TO ADA STANDARDS. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.

ALL ROADWAY AND SIDEWALK CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AND SPECIFICATIONS OF LOCAL AND/OR STATE GOVERNING AGENCY.

ALL CONSTRUCTION MATERIALS AND INSTALLATION SHALL CONFORM TO LOCAL AND/OR GOVERNING AGENCY REGULATIONS AND SPECIFICATIONS.

SITE KEYNOTES

- PROPOSED CONCRETE WALK (SEE DETAIL SHEET SD-1)
- PROPOSED 6" x 18" CONCRETE CURB (SEE DETAIL SHEET SD-1)
- PROPOSED PARALLEL CURB RAMP (DOUBLE) (SEE DETAIL SHEET SD-1)
- PROPOSED CONCRETE WALK/RAMP (SEE DETAIL SHEET SD-1)
- PROPOSED 5' WIDE PAINTED CROSSWALK (WHITE) (SEE DETAIL SHEET SD-1)
- PROPOSED H/C PARKING SPACES (SEE DETAIL SHEET SD-1)
- PROPOSED 18' x 50' CONCRETE PAD (SEE SECTION SHEET C-3)
- EXISTING PAVEMENT MARKING TO BE REMOVED
- PROPOSED CONCRETE PAD (SEE SECTION SHEET C-3)
- RE-STRIPE EXISTING YELLOW PAINTED LINES AS REQUIRED

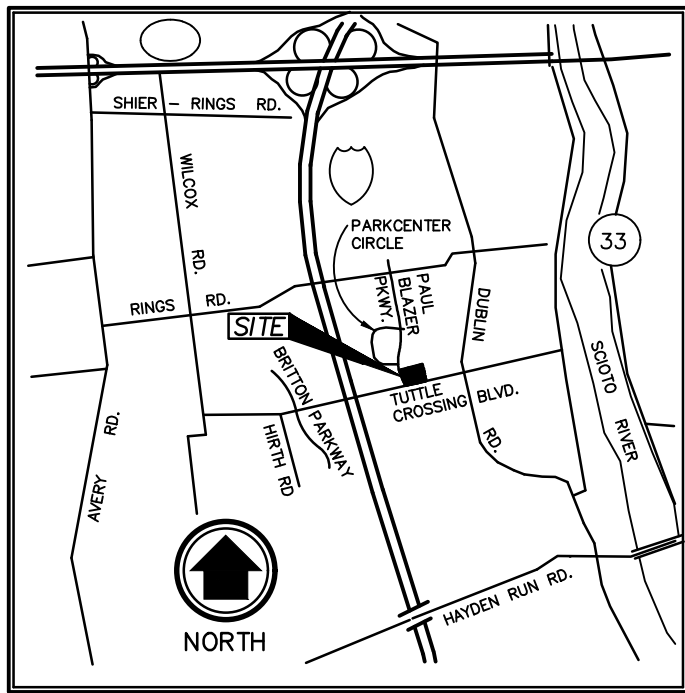
SITE SUMMARY

LOT ACREAGE: 2.039 ACRES
EXISTING ZONING: PCD (PLANNED COMMERCE DISTRICT)
USE: RESTAURANT W/ DRIVE THRU

SETBACKS:
FRONT SETBACK: 50'
REAR SETBACK: 40'
SIDE SETBACKS: 50'

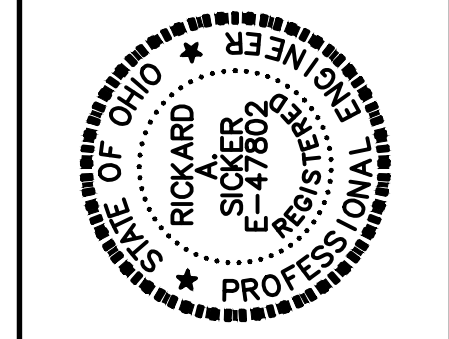
BUILDING SIZE:
EXISTING BUILDING 4,157 S.F.
PROPOSED ADDITIONS 0 S.F.
TOTAL 4,157 S.F.

PARKING SPACES PROVIDED
(SIZE: 9' x 18')
STANDARD SPACES 76 SPACES
HANDICAP 5 SPACES
TOTAL 81 SPACES
(NOTE: EXISTING NUMBER OF PARKING SPACES 81 SPACES)



LOCATION MAP
NOT TO SCALE

REV	DATE	DESCRIPTION
1	03/01/18	ADDED TANDEN DRIVE THRU
2	03/01/18	ISSUED FOR BIDS AND PERMITS



SiteSource Consultants, Inc.

4254 Tuller Road • Dublin, Ohio 43017
Phone: 614-718-9633 • Fax: 614-761-0717
Email: sitesource@ameritech.net

Richard S. L. No. 47802 1/29/18
REGISTERED ENGINEER

L/C # 34-1473

McDonald's
THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF McDONALD'S CORPORATION AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.

PROPOSED McDONALD'S RESTAURANT REMODEL AT:
5170 TUTTLE CROSSING BOULEVARD
DUBLIN, OHIO

JOB NO. SS017-552

DATE: JANUARY 2018

SITE PLAN

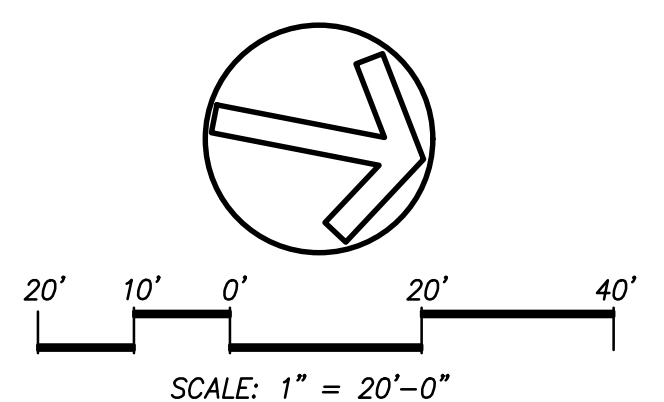
SHEET: C1

[illegible]

THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, AND SHALL TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. REPAIR ANY DAMAGE ACCORDING TO LOCAL STANDARDS AND AT THE CONTRACTORS EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY.



SHEET: C3



CURBING:

DRIVE-THRU LANES BOUND BY CURB ON BOTH SIDES ARE TO BE 12'-0". LANES BOUND BY CURB ON ONE SIDE AND PAINTED STRIPING ON THE OTHER SIDE ARE TO BE A MIN. OF 10'-0".

LANE CURBING SHOULD BE AS STRAIGHT AS POSSIBLE. (LESS CURVING, THE BETTER).

6" WIDE YELLOW PAINT STRIPE TO SPAN OUTER EDGE OF THE ENTIRE DRIVE-THRU LANE

THE 8" YELLOW STRIPE IS TO BE PLACED 40'-0" FROM THE CENTER LINE OF THE OPEN PRESENT WINDOW AND IS FOR PARKING CARS THAT ARE WAITING FOR ORDERS.

MIN. 60'-0" (+5', 60'-65') LINEAR DISTANCE BETWEEN THE CENTER LINE OF THE CANOPY FACE AND THE CENTER LINE OF THE OPEN ORDER BOOTH WINDOW AS MEASURED ALONG THE CENTER LINE OF THE LANE. THIS MAY ONLY BE INCREASED IN 20'-0" INCREMENTS ($\pm 5'$ FOR 80', 100' AND 120') TO A MAX. OF 120'. 100'-0" IS OPTIMAL.

THE CENTER OF THE PRIMARY MENU BOARD FOUNDATION SHALL BE 5'-9" (5'-0" MIN. AND 6'-0" MAX.) FROM THE CENTER OF THE CANOPY FOUNDATION, WITH THE END CAP OF THE PRIMARY MENU BOARD NOT LESS THAN 12" FROM FACE OF CURB.

THE PRIMARY MENU BOARD SHOULD BE AT AN ANGLE OF APPROXIMATELY 25° TO 35° ANGLE (35° PREFERRED) FROM A VEHICLE POSITIONED AT THE CANOPY AND WITH 100% VISIBILITY.

AUGER "McDONALD'S ORDER HERE CANOPY" CANOPY FOUNDATION TIGHT AGAINST BACK OF CURB.
SEE MANUFACTURER/LOCAL SPECIFICATIONS FOR DETAILS.

A SINGLE BOLLARD SHOULD BE POSITIONED AT THE CORNER OF THE BUILDING ON THE DRIVE-THRU SIDE. IT SHOULD BE FLUSH AGAINST THE BUILDING AND FACE OF THE BOLLARD SHOULD BE TIGHT AGAINST THE BACK OF THE CURB.

AUGER "MCDONALD'S GATEWAY" SIGN FOUNDATION TIGHT AGAINST BACK OF CURB. SEE MANUFACTURER/LOCAL SPECIFICATIONS FOR DETAILS.

THE PRIMARY LANE DETECTOR LOOP SHOULD BE PERPENDICULAR TO THE CENTER OF THE PRIMARY CANOPY.

THE MIDPOINT OF THE SECONDARY CANOPY FACE IS LOCATED 20'-0" (+2': 20'-22') BACK FROM THE CENTER OF THE PRIMARY CANOPY AS MEASURED ALONG THE FACE OF THE CURB OF THE DRIVE-THRU LANE.

THE CENTER OF THE SECONDARY MENU BOARD FOUNDATION SHALL BE 5'-9" (5'-0" MIN. AND 6'-0" MAX.) FROM THE CENTER OF THE CANOPY FOUNDATION, WITH THE END CAP OF THE SECONDARY MENU BOARD NOT LESS THAN 12" FROM FACE OF CURB.

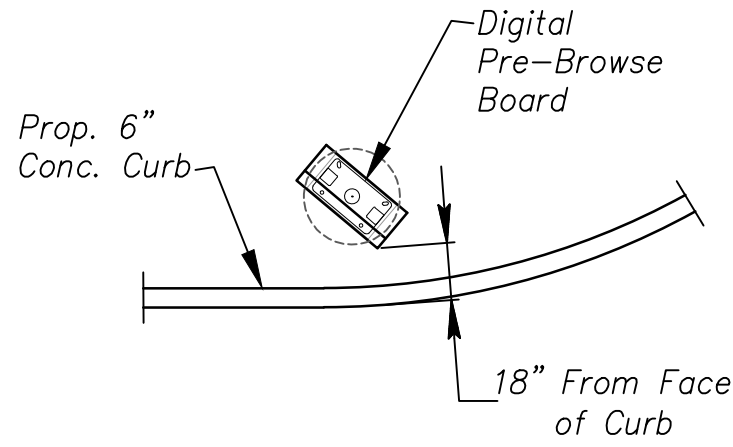
AUGER "MCDONALD'S ORDER HERE CANOPY" CANOPY FOUNDATION TIGHT AGAINST BACK OF CURB.
SEE MANUFACTURER/LOCAL SPECIFICATIONS FOR DETAILS.

THE SECONDARY MENU BOARD SHOULD BE AT AN ANGLE OF APPROXIMATELY 25° FROM A VEHICLE POSITIONED AT THE CANOPY AND WITH 100% VISIBILITY.

THE SECONDARY DETECTOR LOOP SHOULD BE PERPENDICULAR TO THE CENTER OF THE SECONDARY CANOPY.

PRE-BROWSE BOARD MUST BE 12" FROM FACE OF CURB (18" TO 24" PREFERRED). THE DISTANCE BETWEEN THE PRIMARY CANOPY AND PRE-BROWSE BOARD IS TO BE 15" AS MEASURED ALONG THE FACE OF THE CURB. THIS IS MEASURED FROM THE CENTER OF THE PRE-BROWSE BOARD FOUNDATION TO THE CENTER OF THE CANOPY FOUNDATION. THE ANGLE (APPROXIMATELY 50°) OF THE PRE-BROWSE BOARD SHOULD MAXIMIZE VISIBILITY TO THE SECOND CAR FROM THE CANOPY.

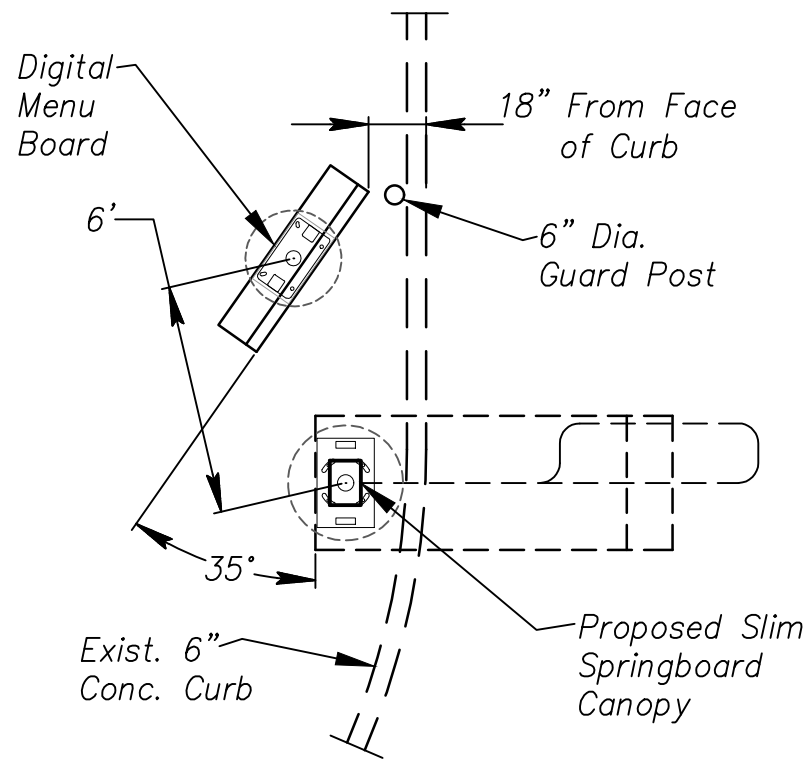
1. CONTRACTOR SHALL COORDINATE WITH APPLICABLE PLANS, McDONALD'S AREA CONSTRUCTION MANAGER, CONTENT SUPPLIER AND SIGNAGE SUPPLIER TO DETERMINE EXACT LOCATION, ORIENTATION, MOUNTING HEIGHTS, AND NUMBER OF BOARDS AND OTHER DRIVE-THRU ELEMENTS TO BE INSTALLED AT THIS SITE. ALL WORK TO BE COORDINATED WITH OTHER TRADES.
2. CONTACT McDONALD'S AREA CONSTRUCTION MANAGER FOR DRIVE-THRU ELEMENT FOOTING AND WIRING REQUIREMENTS NOT SHOWN. (INFORMATION ALSO AVAILABLE THROUGH VENDOR WEBSITES) SIGNAGE MANUFACTURER TO PROVIDE FOOTING ANCHORS & TEMPLATES TO G.C. PRIOR TO FOUNDATION POURING.
3. DUE TO THE EXACT GEOMETRY REQUIRED FOR THE EFFICIENT OPERATION OF THIS DRIVE-THRU LAYOUT, IT IS RECOMMENDED THAT ALL DRIVE-THRU EQUIPMENT AND PAVEMENT IMPROVEMENTS TO BE FIELD LOCATED BY A LICENSED SURVEYOR.
4. THE PLACEMENT OF THE CODs AND ANY ADDITIONAL EQUIPMENT SHOULD BE SUCH THAT IT PREVENTS, OR MINIMIZES, BLOCKING THE CUSTOMER'S VIEW OF THE MENU BOARD WHILE ORDERING.
5. CONTRACTOR TO COORDINATE THE RESPONSIBILITIES OF THE ELECTRICAL CONTRACTOR, CONTENT SUPPLIER AND THE SIGN SUPPLIER.
6. SEE SITE DETAILS FOR DETECTOR LOOP INFORMATION, LOW VOLTAGE CONDUIT DIAGRAM AND DRIVE THRU POWER DIAGRAM; VENDOR'S SPECIFICATIONS SHALL GOVERN UPON ANY DISCREPANCIES.
7. CONTRACTOR TO INSTALL PRE-FORMED, PRE-WIRED VEHICLE DETECTOR LOOP.
8. CONTRACTOR SHALL VERIFY CONDUIT SIZES REQUIRED BY VEHICLE LOOP DETECTOR SUPPLIER.
9. SIGNAGE MANUFACTURER TO PROVIDE FOOTING ANCHORS & TEMPLATES TO G.C. PRIOR TO FOUNDATION POURING.
10. ALL DRIVE THRU EQUIPMENT SUPPLIED BY McDONALDS APPROVED SUPPLIERS.
11. SEE ADDITIONAL SHEETS FOR FOUNDATION DETAILS.
12. ALL DIMENSIONS SHOWN ARE TO THE CENTER OF THE FOUNDATION.



PRE-BROWSE BOARD
NO SCALE

- ① PROPOSED DIGITAL MENU BOARD (PRIMARY)
- ② PROPOSED SLIM SPRINGBOARD "ORDER HERE"
CANOPY & DETECTOR LOOP (PRIMARY)
- ③ PROPOSED DIGITAL MENU BOARD (SECONDARY)
- ④ PROPOSED SLIM SPRINGBOARD "ORDER HERE"
CANOPY & DETECTOR LOOP (SECONDARY)
- ⑤ PROPOSED DIGITAL PRE-BROWSE MENU BOARD
- ⑥ PROPOSED SINGLE WELCOME POINT GATEWAY PYLON
- ⑦ PROPOSED 6" DIA. GUARD POST (SEE DETAIL SHEET SD-2)

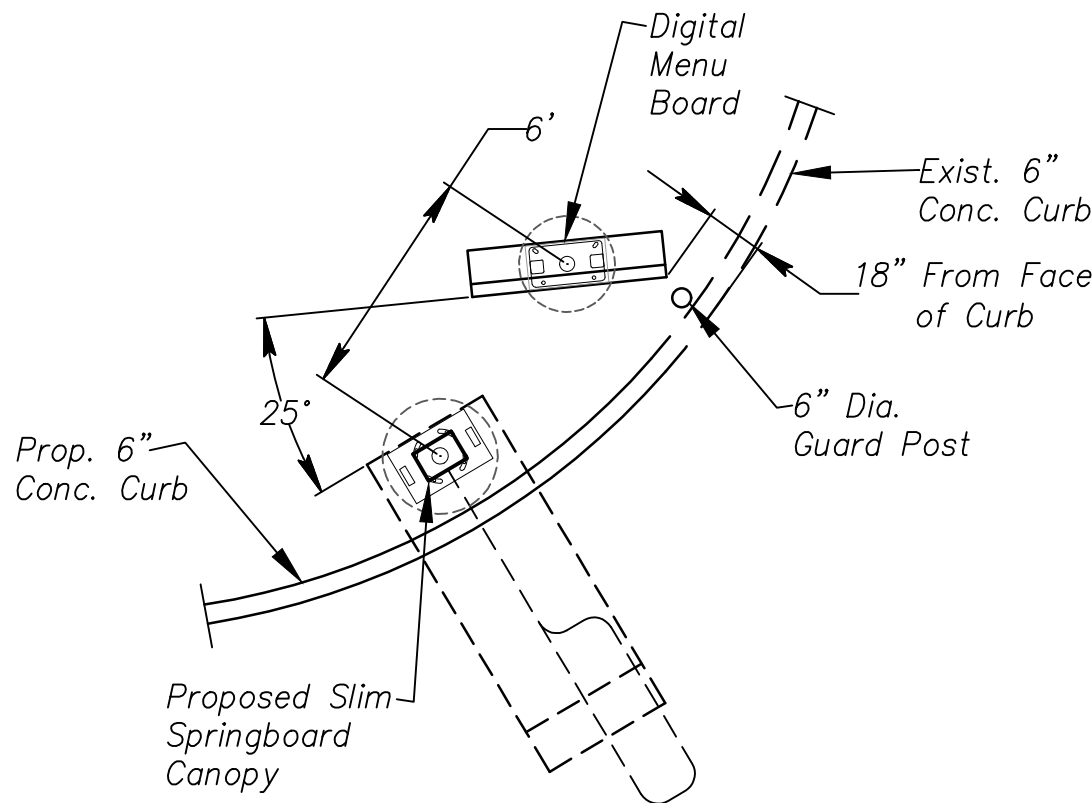
- (A)** EXISTING 6" CONCRETE CURB
- (B)** PROPOSED 6" CONCRETE CURB
- (C)** EXISTING ELECTRIC TRANSFORMER
- (D)** EXISTING LOT LIGHT



THE CENTER OF THE PRIMARY MENU BOARD FOUNDATION SHALL BE 5'-9" (5'-0" MIN. AND 6'-0" MAX.) FROM THE CENTER OF THE CANOPY FOUNDATION, WITH THE END CAP OF THE PRIMARY MENU BOARD NOT LESS THAN 12" FROM FACE OF CURB.

THE PRIMARY MENU BOARD SHOULD BE AT AN ANGLE OF APPROXIMATELY 25° TO 35° ANGLE (35° PREFERRED) FROM A VEHICLE POSITIONED AT THE CANOPY AND WITH 100% VISIBILITY.

PRIMARY
NO SCALE

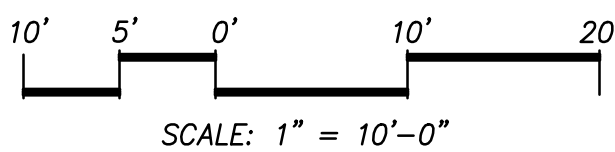
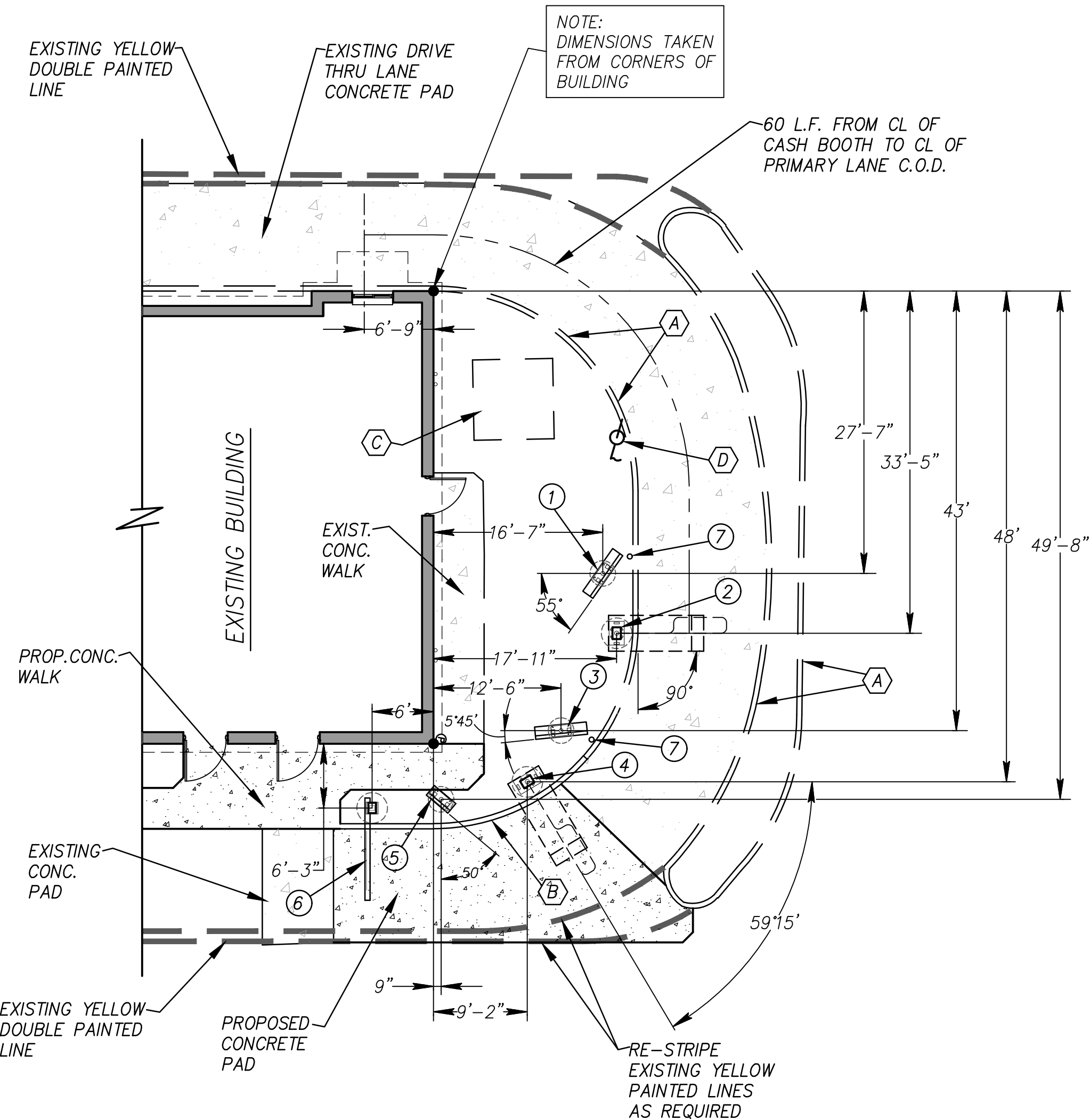


THE CENTER OF THE SECONDARY MENU BOARD FOUNDATION SHALL BE 5'-9" (5'-0" MIN. AND 6'-0" MAX.) FROM THE CENTER OF THE CANOPY FOUNDATION, WITH THE END CAP OF THE SECONDARY MENU BOARD NOT LESS THAN 12" FROM FACE OF CURB.

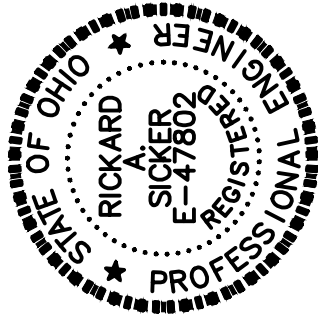
THE SECONDARY MENU BOARD SHOULD BE AT AN ANGLE OF APPROXIMATELY 25° FROM A VEHICLE POSITIONED AT THE CANOPY AND WITH 100% VISIBILITY.


SECONDARY

NO SCALE



REV	DATE	DESCRIPTION	BY
x	x	x	x
03MAY18		ISSUED FOR BIDS AND PERMITS	





SiteSource Consultants, Inc.

4254 Tuller Road • Dublin, Ohio 43017
 Phone: 614-718-9633 • Fax: 614-671-0717
 Email: sitesource@amertech.net

Richard A. Lish 47802 5/3/18
 REGISTERED ENGINEER NO. DATE

L/C # -34-1160

McDonald's®
KROC DRIVE
OAK BROOK, ILLINOIS 60521

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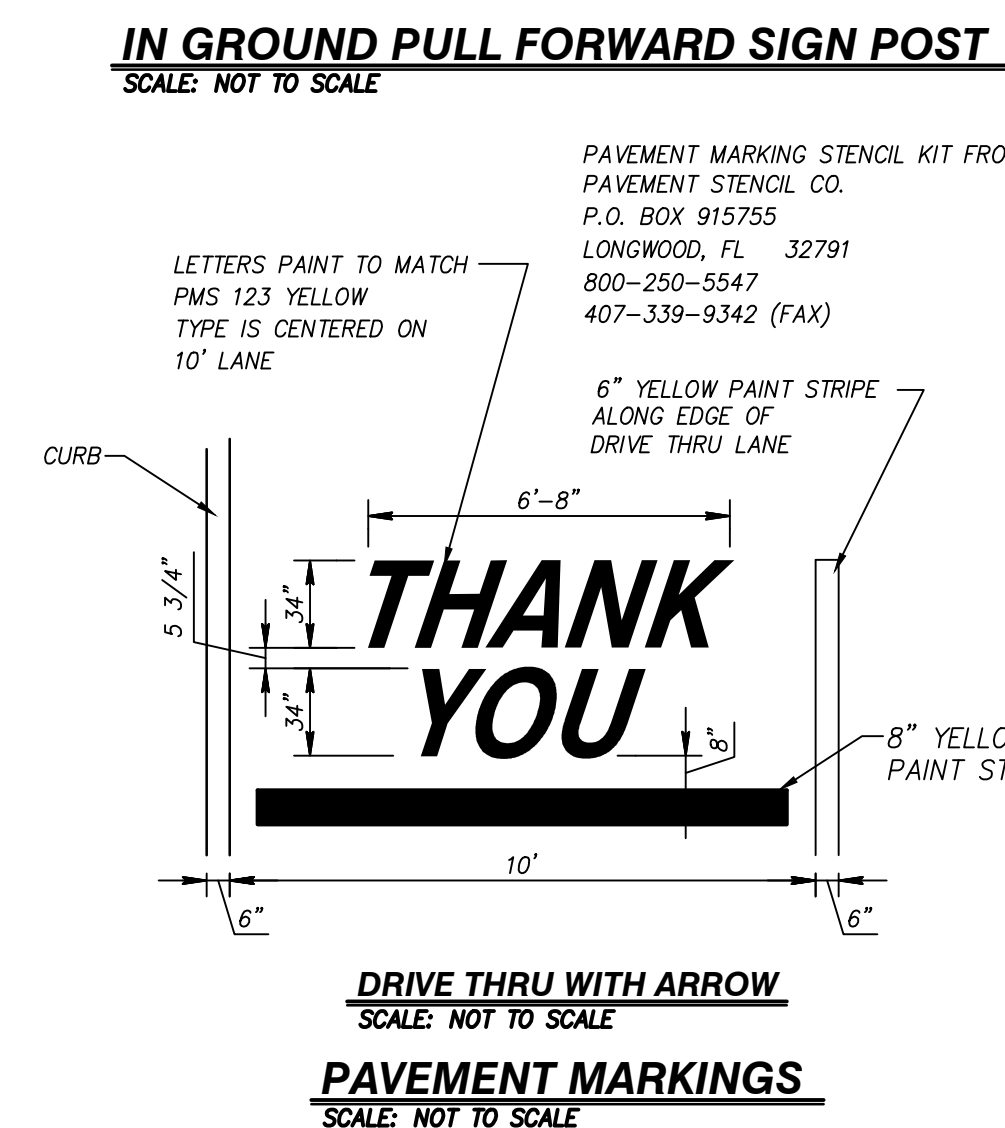
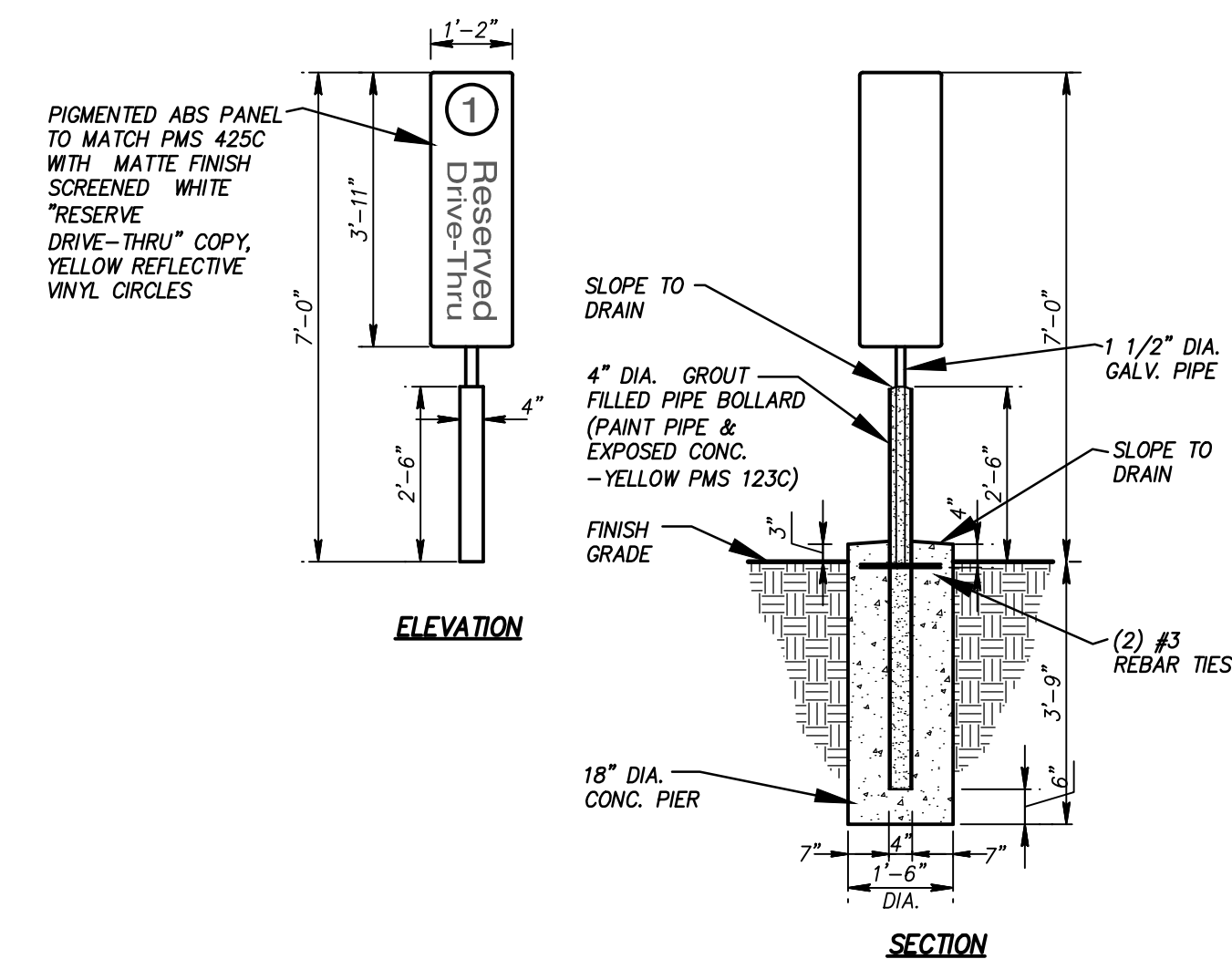
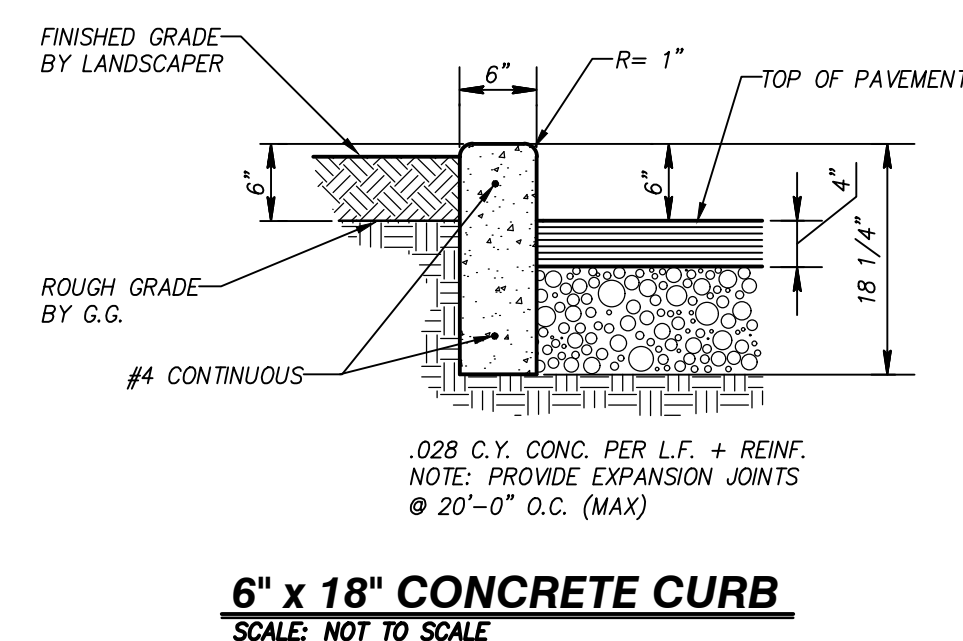
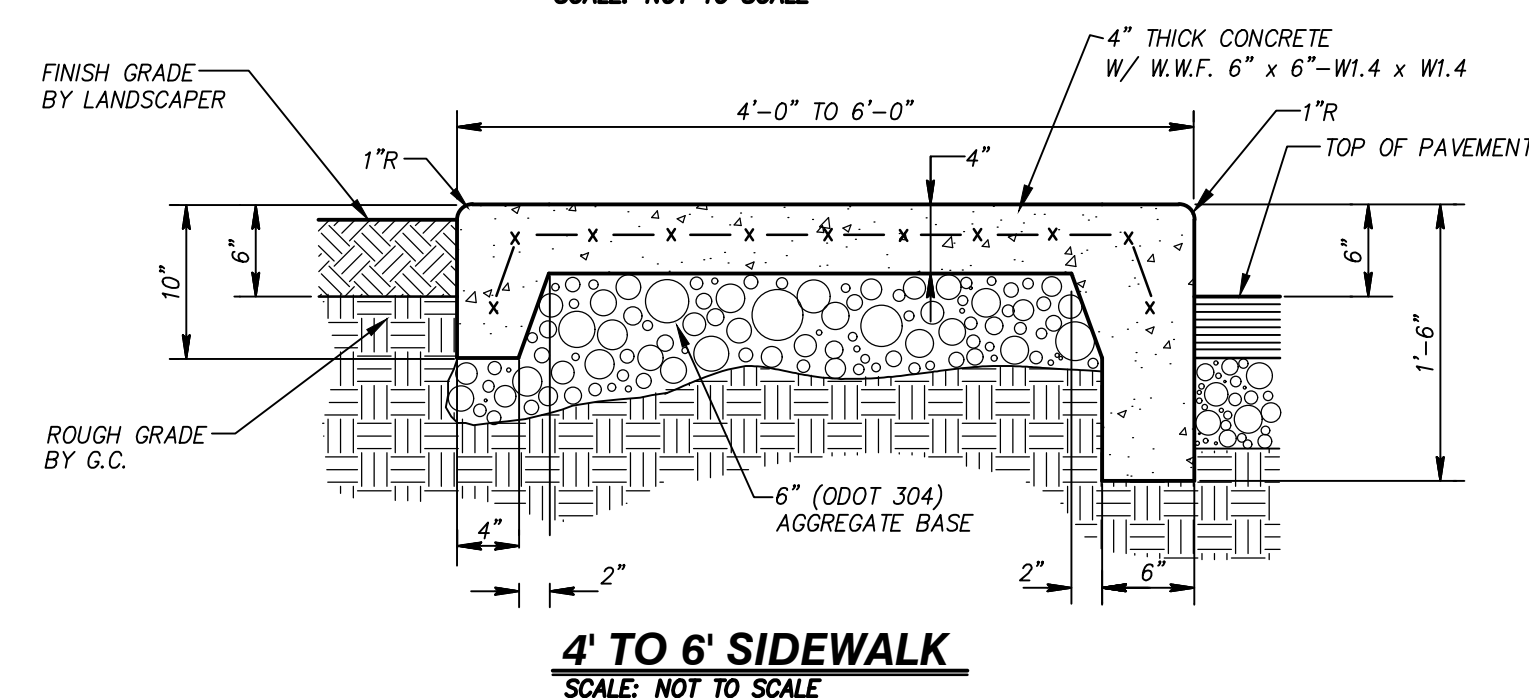
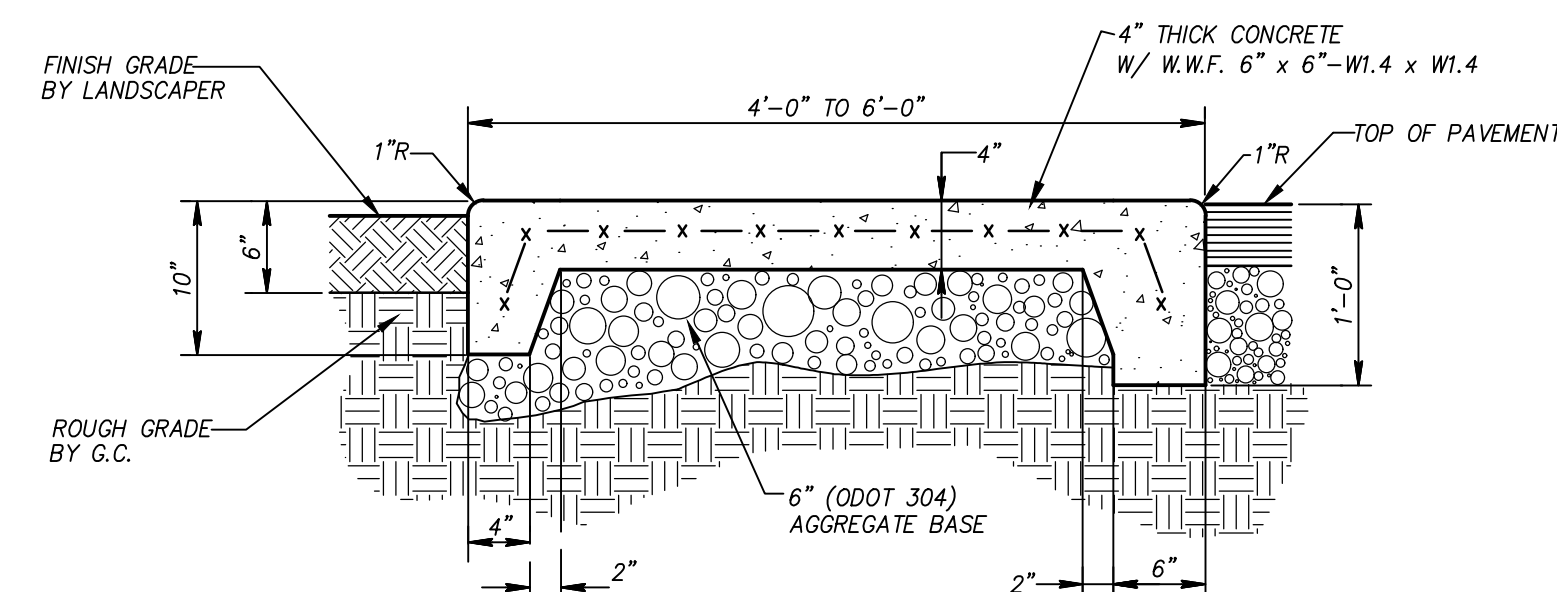
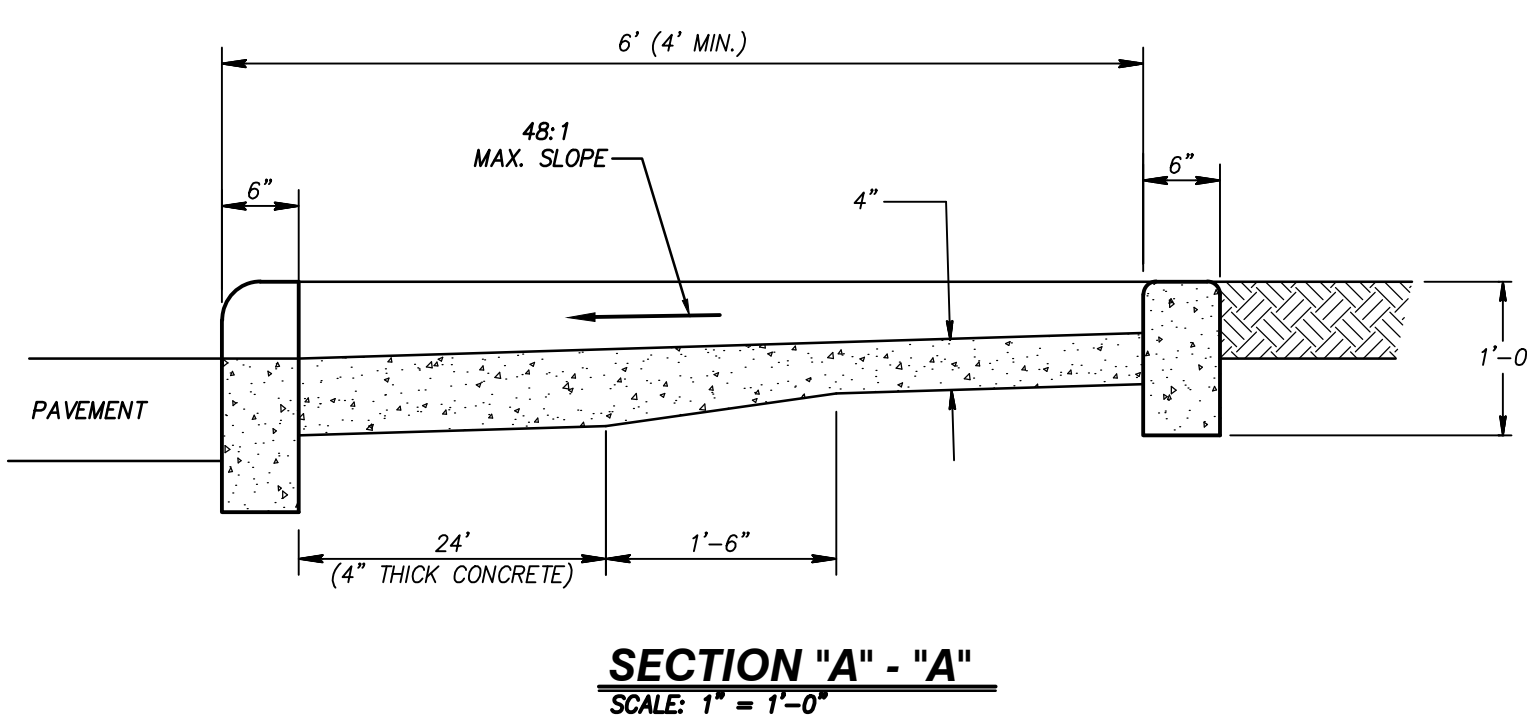
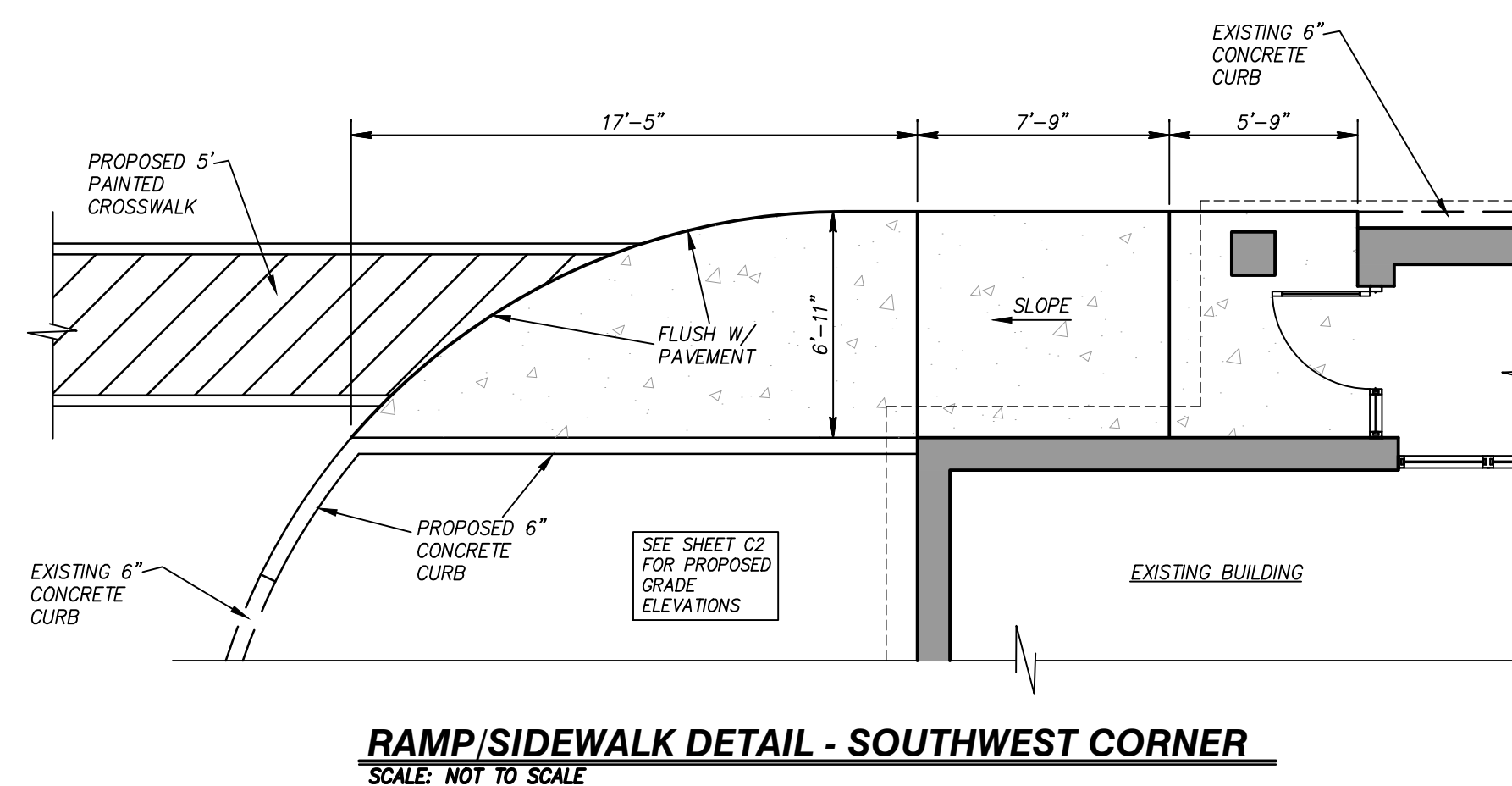
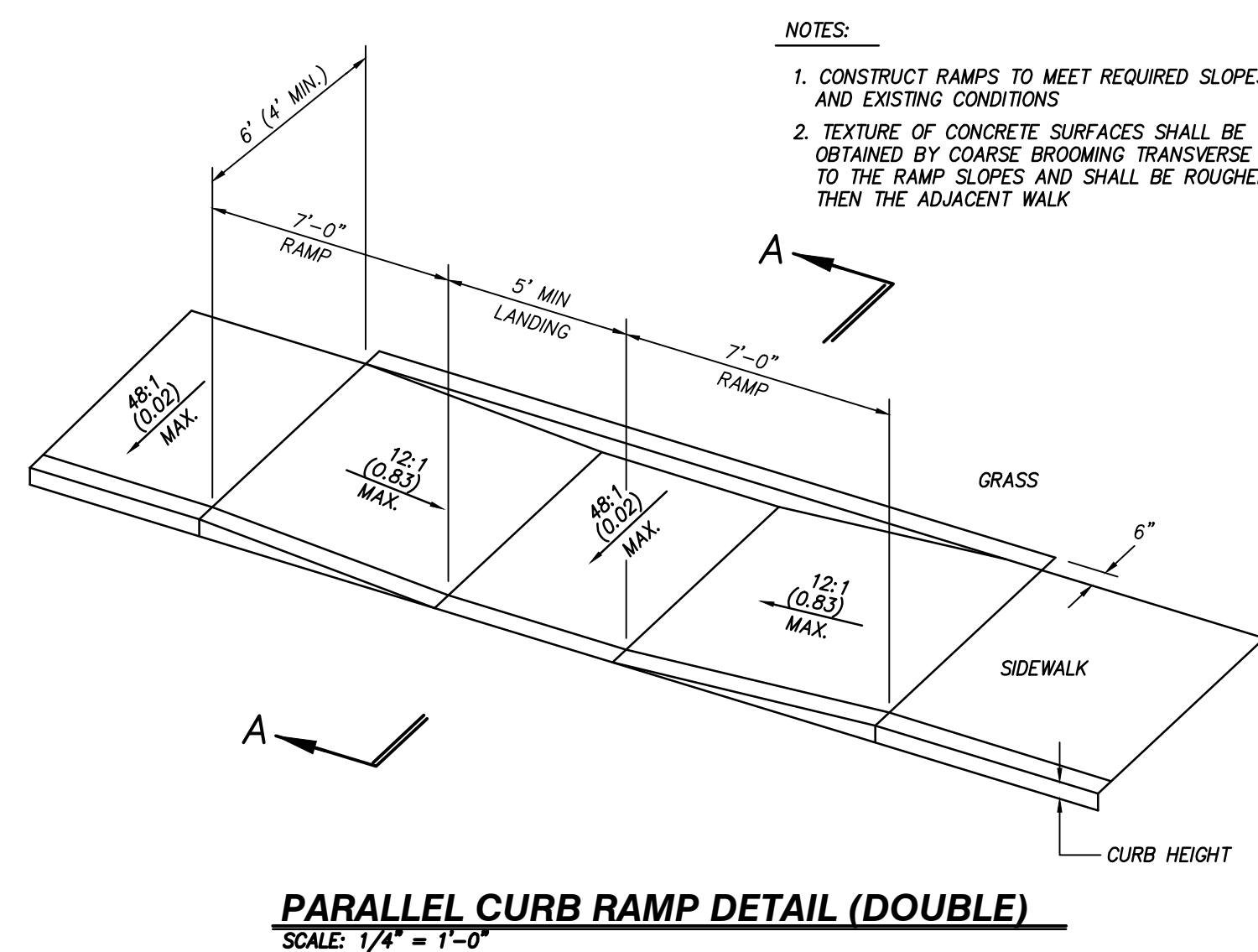
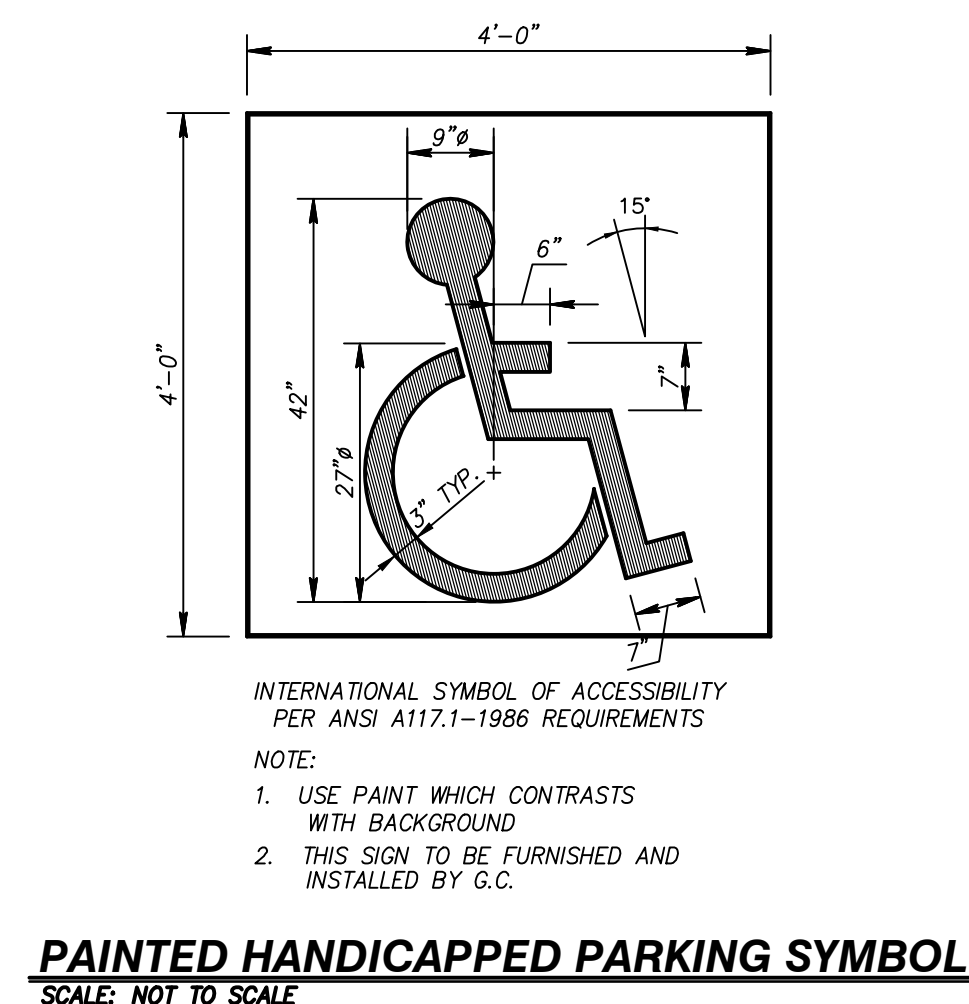
ADDRESS: 5170 TUTTLE CROSSING BOULEVARD, DUBLIN, OHIO



JOB NO. SS017-552

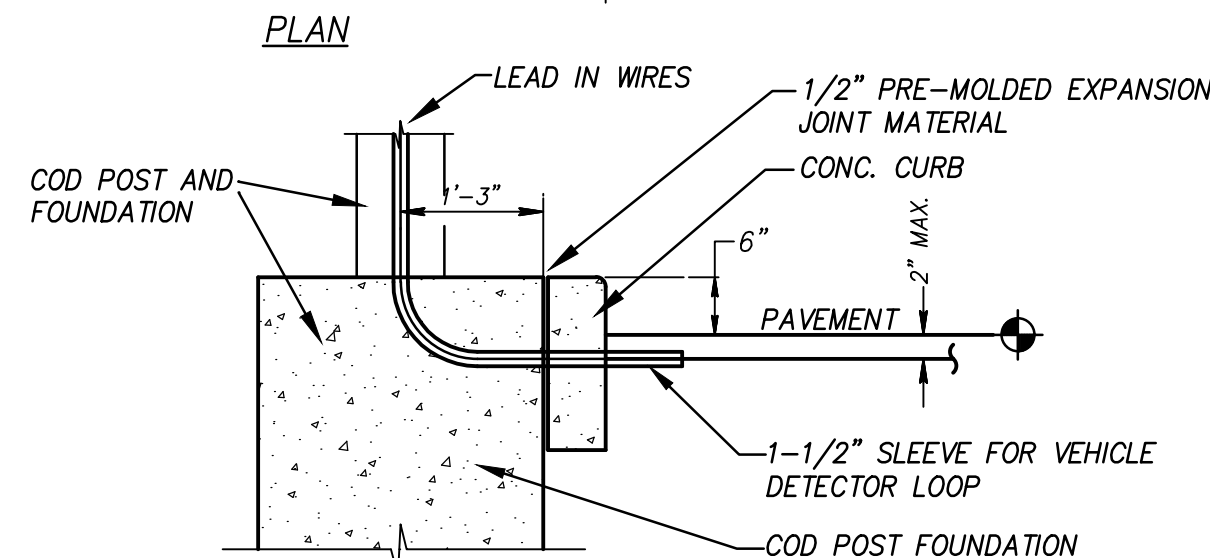
DATE: MAY 2018

*DRIVE THRU
AREA DETAIL*

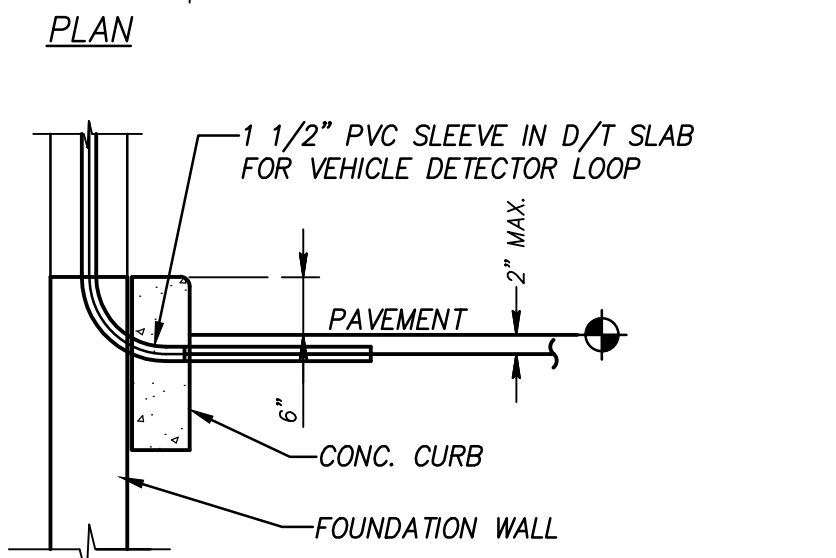
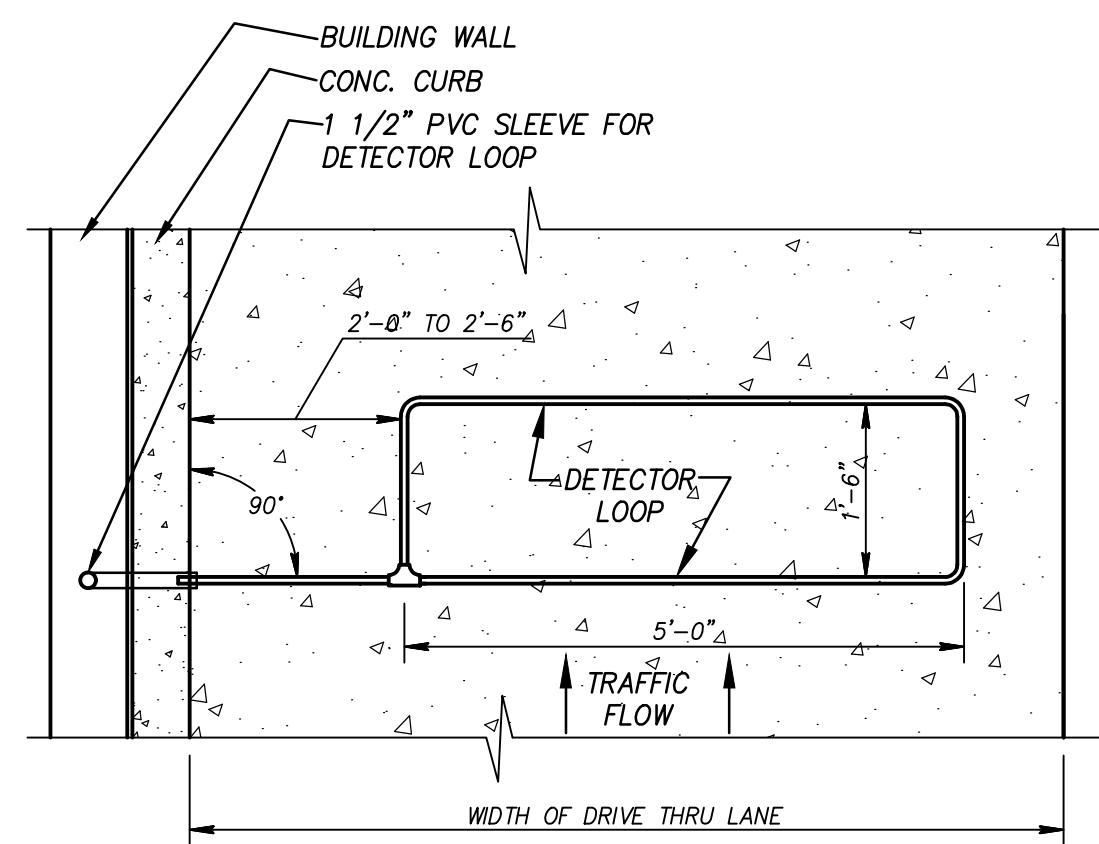
SHEET: C4



<div><p>KROC DRIVE OAK BROOK, ILLINOIS 60021</p><p>THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF MCDONALD'S CORPORATION AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.</p><p>OHIO REGION 2 EASTIN OVAL, SUITE 200, COLUMBUS, OH 43219 (614)418-3300</p></div>	JOB NO. SS017-552
	DATE: JANUARY 2018
	<div><div><div><div><p>SiteSource Consultants, Inc. 4254 Tuller Road • Dublin, Ohio 43017 Phone: 614-718-9633 • Fax: 614-761-0717 Email: sitesource@ameritech.net</p></div><div><p>REGISTERED ENGINEER <i>Buckley B. Schick</i> 47802 1/29/18 NO DATE</p></div></div></div></div>

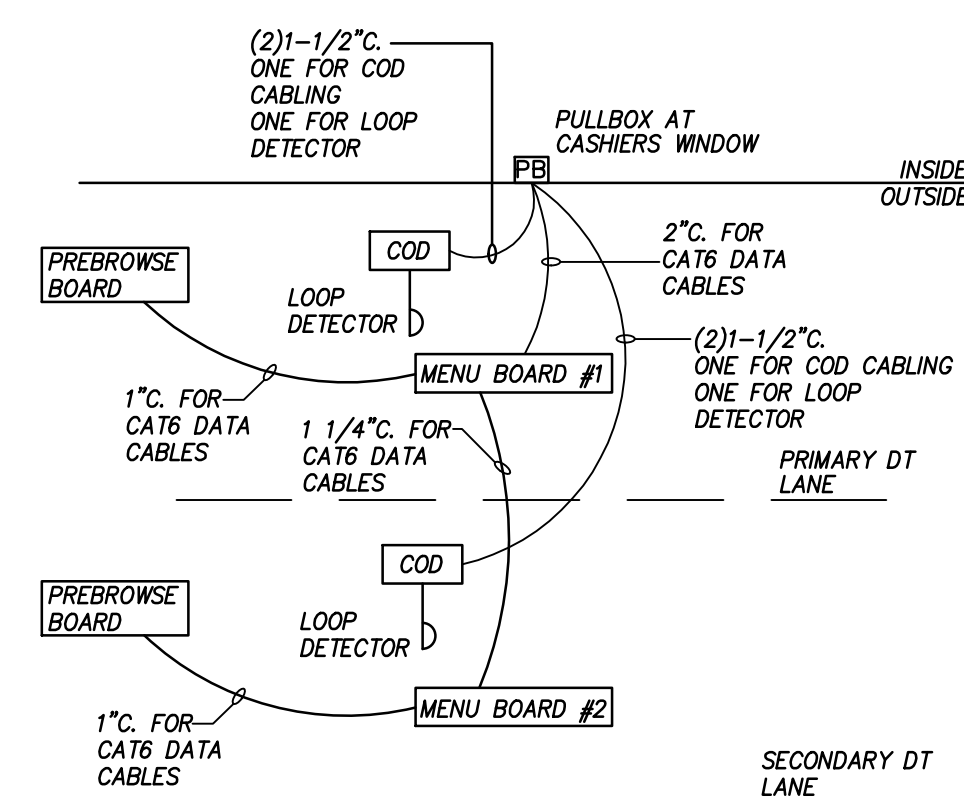
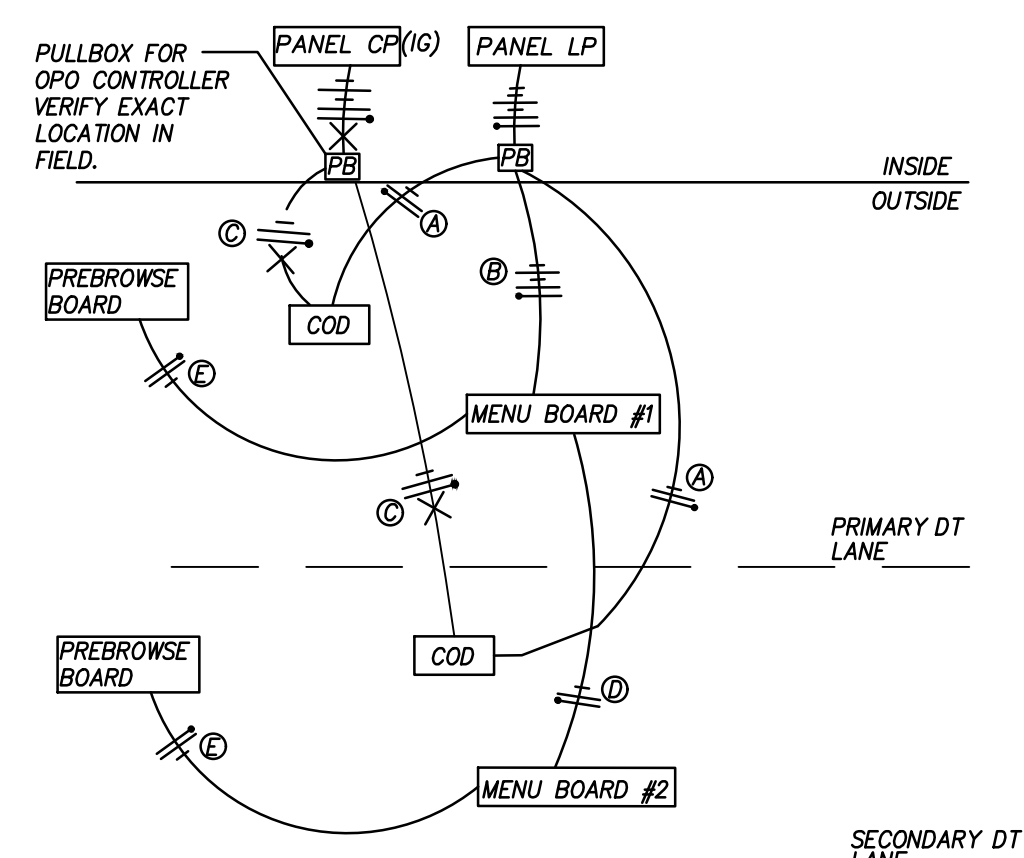


C.O.D. DETECTOR LOOP



D.T. WINDOW DETECTOR LOOP

1. VERIFY CONDUIT SIZES AND LAYOUT WITH DETECTOR LOOP MANUFACTURER.
2. CENTER VEHICLE DETECTOR LOOP IN DRIVE THRU LANE & INSTALL PER MANUFACTURER RECOMMENDATIONS.
3. SEE CIVIL DRAWINGS 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:
DETECTOR LOOPS MAY BE BY ONE OF THE FOLLOWING COMPANIES OR EQUAL
3M: 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, & PIGTAILED AS DETAILED.



DRIVE THRU LOW VOLTAGE CONDUIT DIAGRAM
SCALE: NOT TO SCALE

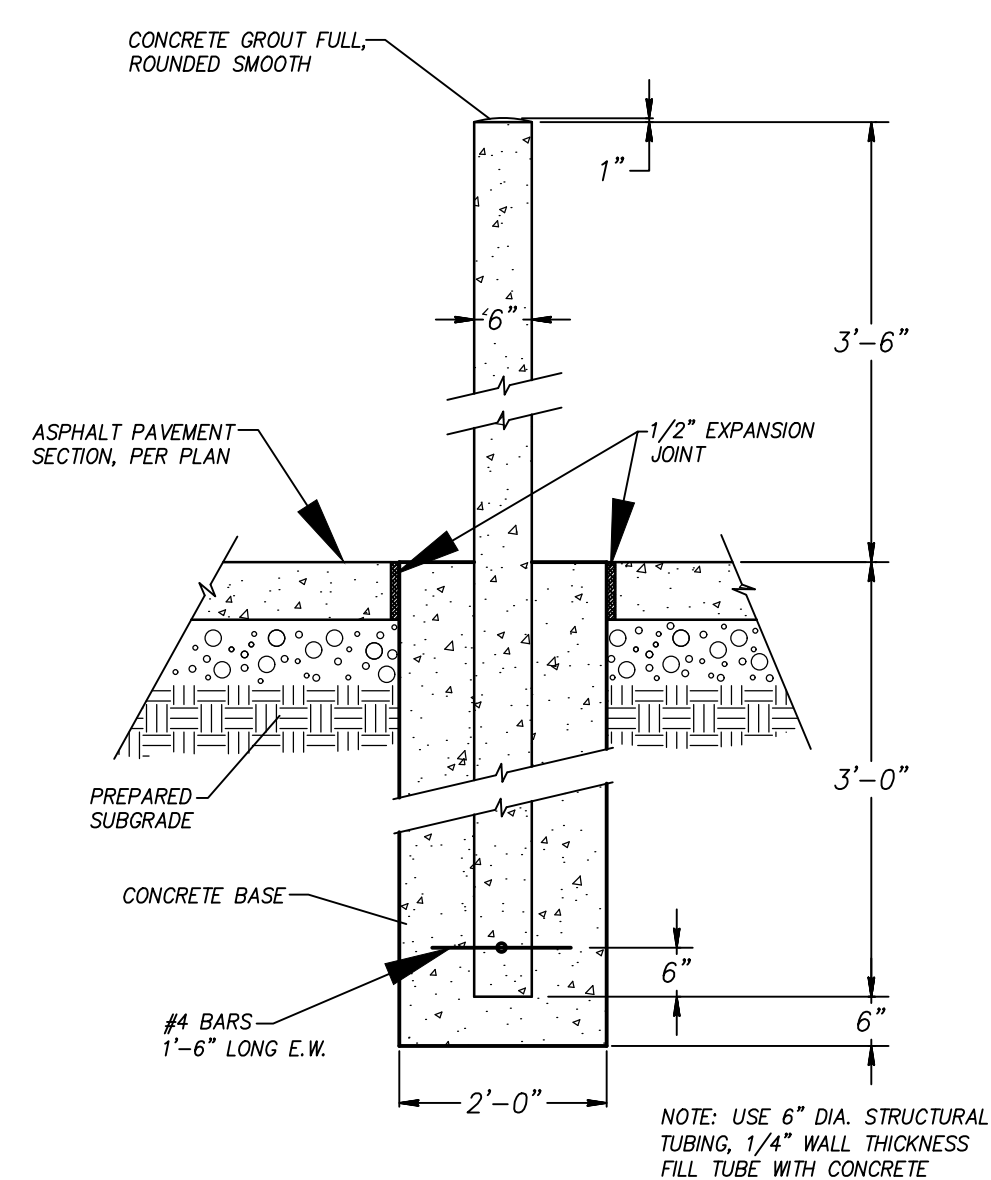
- (A) 2#12 & 1#12 GND. TO LP-1 FOR COD CANOPY LIGHTING.
- (B) 4#12 & 1#12 GND & 1#12 ISOLATED GND. TO CP FOR ISOLATED GROUND POWER TO MENUBOARDS AND MEDIA PLAYERS.
- (C) 2#12 & 1#12 GND & 1#12 ISOLATED GND. TO CP FOR ISOLATED GROUND POWER TO COD'S. EACH COD SHALL BE ON ITS OWN SEPARATE CIRCUIT.
- (D) 2#12 & 1#12 GND & 1#12 ISOLATED GND. TO CP FOR ISOLATED GROUND POWER TO MENUBOARDS AND MEDIA PLAYERS.
- (E) 2#12 & 1#12 GND & 1#12 ISOLATED GND. TO CP FOR ISOLATED GROUND POWER TO FOR PRELL BOARDS AND MEDIA PLAYER.

NOTE:
* VERIFY EXACT CIRCUITS &
QUANTITIES OF CIRCUITS WITH PANEL
SCHEDULES AND MANUFACTURERS
INSTALLATION INSTRUCTIONS.

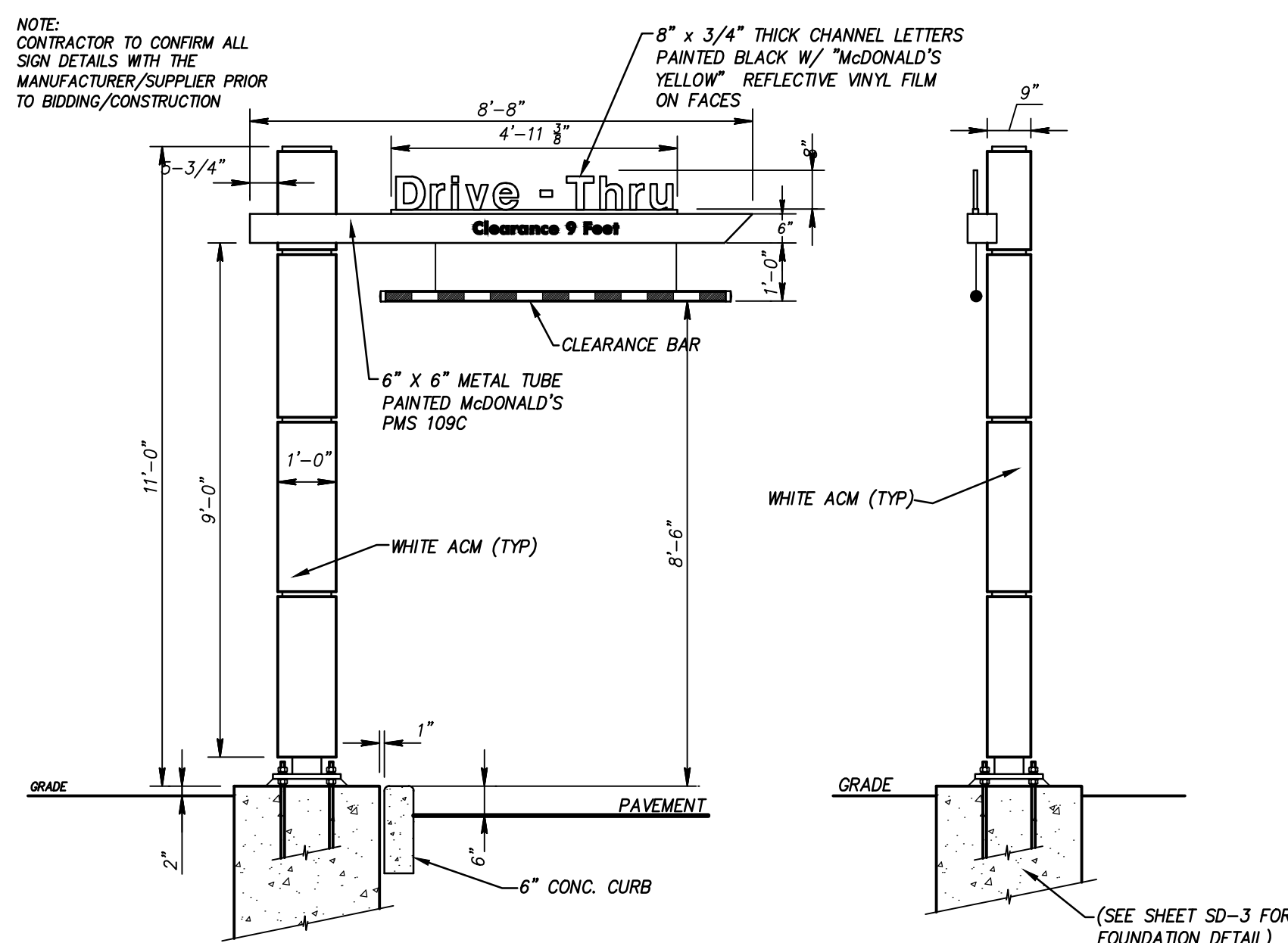
FOR EXISTING LOCATIONS:
* VERIFY EXISTING CP PANEL HAS AMPACITY AND SUFFICIENT SPARES/SPACE FOR TWO (2) NEW 20A/1P CIRCUITS. UPGRADE CP PANEL TO 42 CIRCUITS IF NECESSARY.

NOTE:
ELECTRIC CIRCUITS SHOWN ARE EXISTING
AND THEY ARE TO BE REUSED FOR THE
NEW SIGNS.
ALL NEW SIGNS ARE EQUIPPED WITH AN
INTEGRAL DISCONNECT.

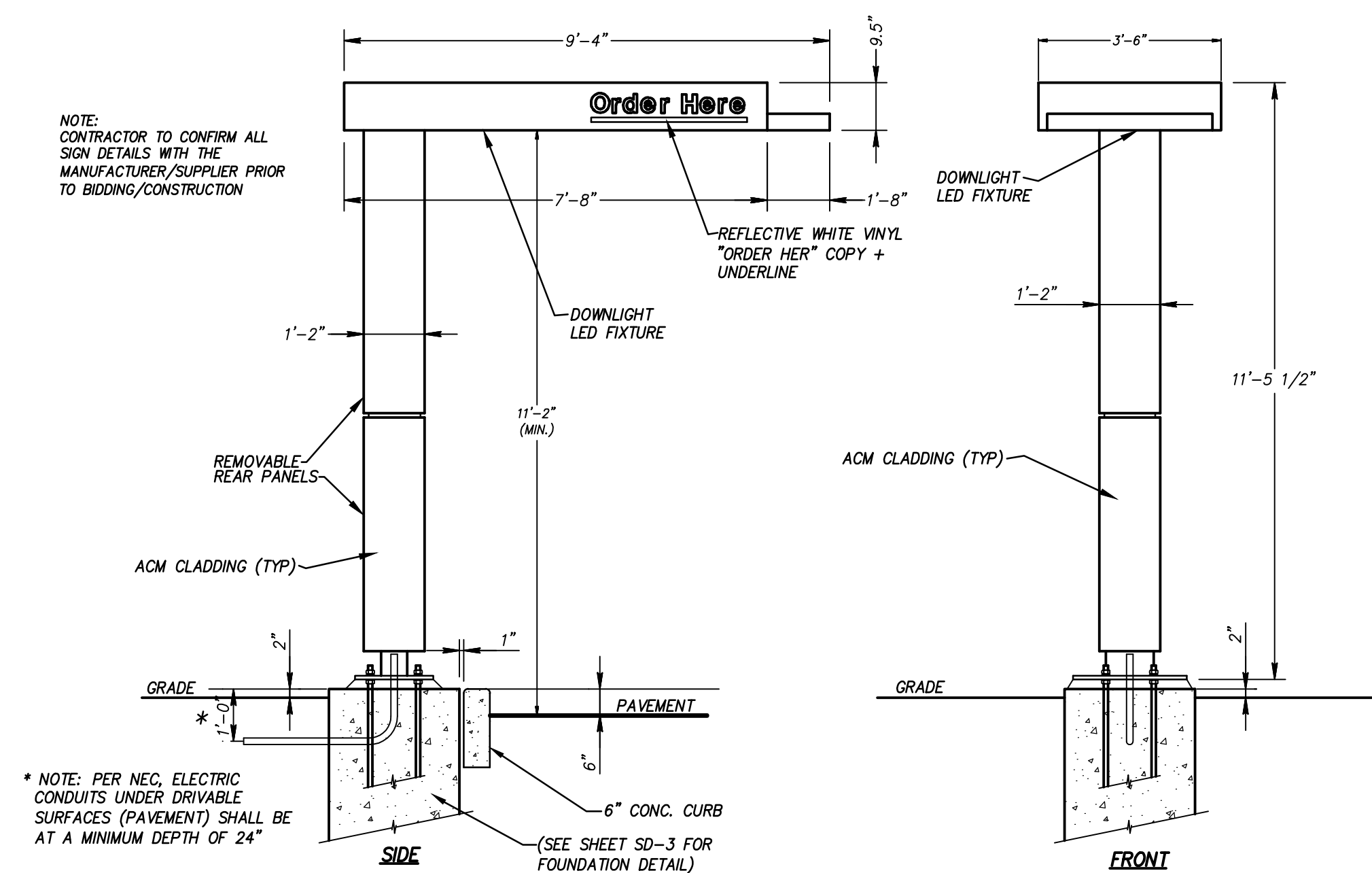
DRIVE THRU POWER DIAGRAM
SCALE: NOT TO SCALE



TYPICAL GUARD POST SECTION DETAIL
SCALE: NOT TO SCALE

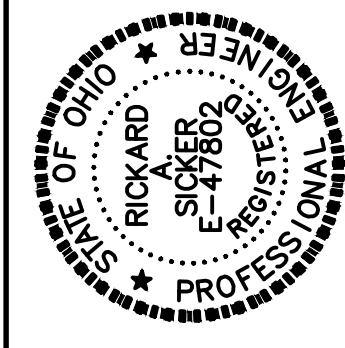


SINGLE WELCOME POINT GATEWAY PYLON
SCALE: NOT TO SCALE



SLIM SPRINGBOARD CANOPY
SCALE: NOT TO SCALE

<i>REV</i>	<i>DATE</i>	<i>DESCRIPTION</i>	<i>BY</i>
X	X		X
<i>06MAY18</i>		<i>ISSUED FOR BIDS AND PERMITS</i>	



SiteSource Consultants, Inc.

4254 Tuller Road • Dublin, Ohio 43017
Phone: 614-718-9633 • Fax: 614-761-0717
Email: sitesource@ameritech.net

Email: sitesource@ameritech.net
 Registered Engineer: Richard A. Luhn NO. 47802 DATE 5/3/18

McDonald's®

**KROC DRIVE
OAK BROOK, ILLINOIS 60521**

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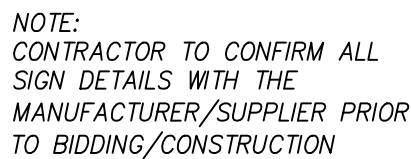
OHIO REGION 2 EASTN OVAL, SUITE 200, COLUMBUS, OH 43219 (614)418-3300

JOB NO. SS017-552

DATE: MAY 2018

SITE DETAILS

SD-2



NOTE:
PER NEC, ELECTRIC CONDUITS UNDER DRIVABLE SURFACES (PAVEMENT) SHALL
BE AT A MINIMUM DEPTH OF 24"

-DO NOT PLACE POLES ON CONCRETE UNTIL CONCRETE HAS CURED PER MCDONALDS CAST-IN-PLACE CONCRETE SPECIFICATION, SECTION 3.11-E.

-REFER TO SIGN MANUFACTURER DRAWINGS AND INSTRUCTIONS FOR ADDITIONAL INFORMATION.

-CONTRACTOR (INSTALLER) IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION IN REGARDS TO JOBSITE SAFETY. -DETAILS AND STRUCTURAL MEMBERS NOT SHOWN DESIGNED BY OTHERS



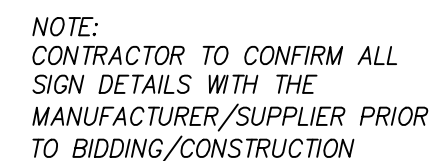
—ALL REINFORCING STEEL BY GENERAL CONTRACTOR



-DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE



SCALE: NONE



NOTE:
PER NEC, ELECTRIC CONDUITS UNDER DRIVABLE SURFACES (PAVEMENT) SHALL
BE AT A MINIMUM DEPTH OF 24"

PRACTICE

-REFER TO SIGN MANUFACTURER DRAWINGS AND INSTRUCTIONS FOR ADDITIONAL INFORMATION.

-CONTRACTOR (INSTALLER) IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION IN REGARDS TO JOBSITE SAFETY. -DETAILS AND STRUCTURAL MEMBERS NOT SHOWN DESIGNED BY OTHERS




-ALL REINFORCING STEEL BY GENERAL CONTRACTOR



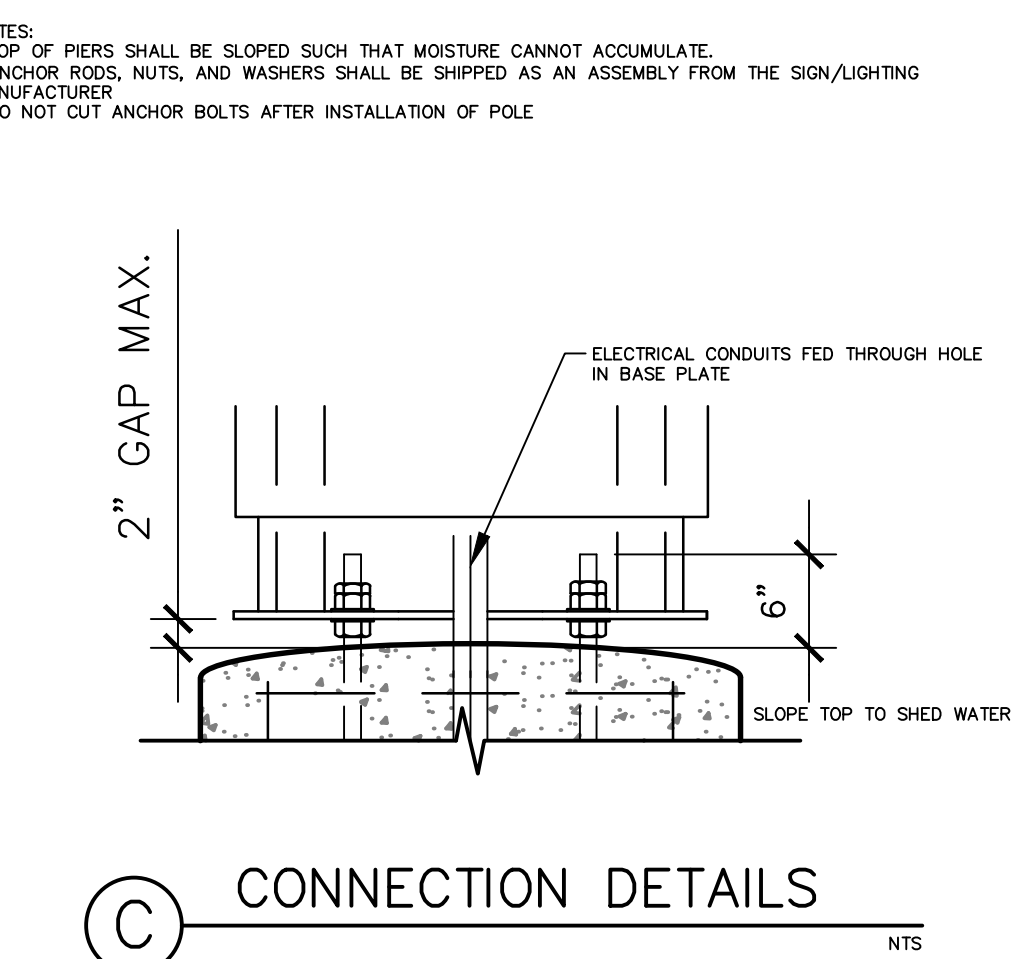
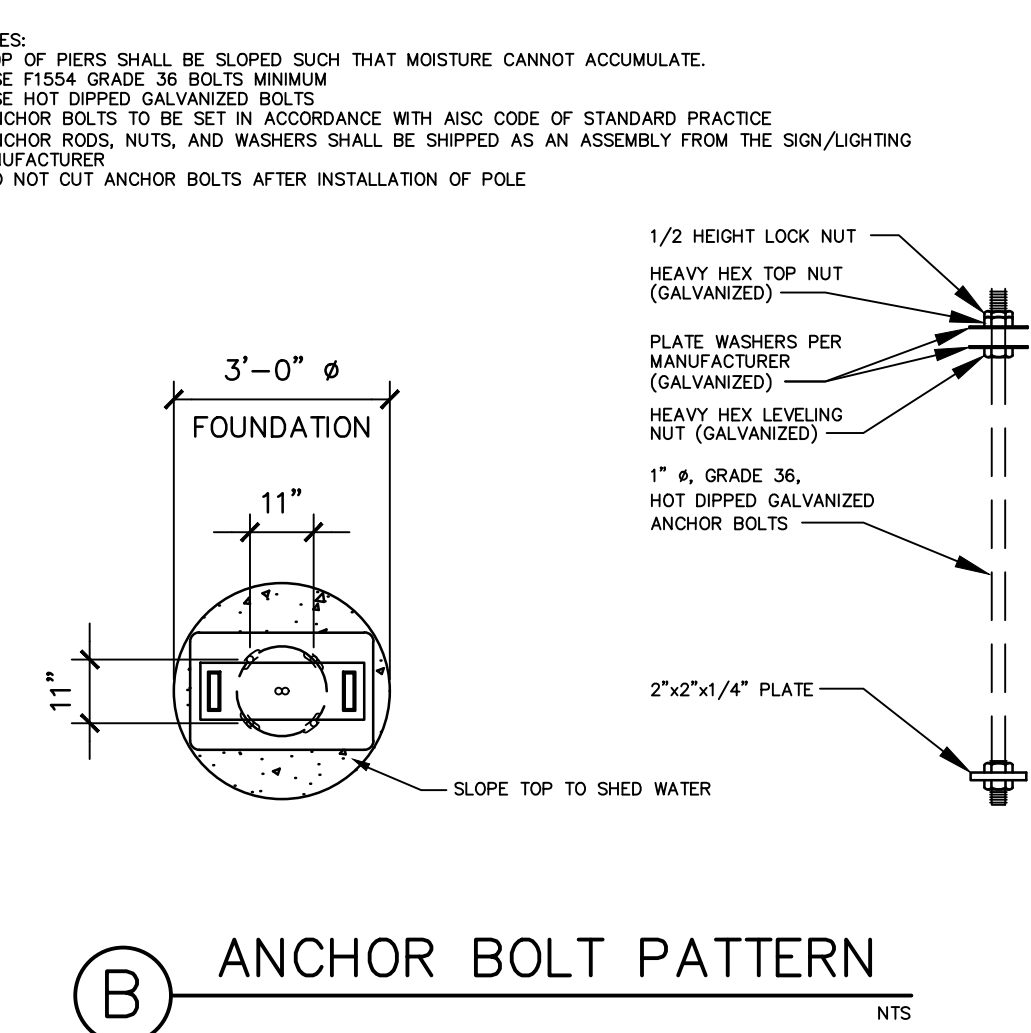
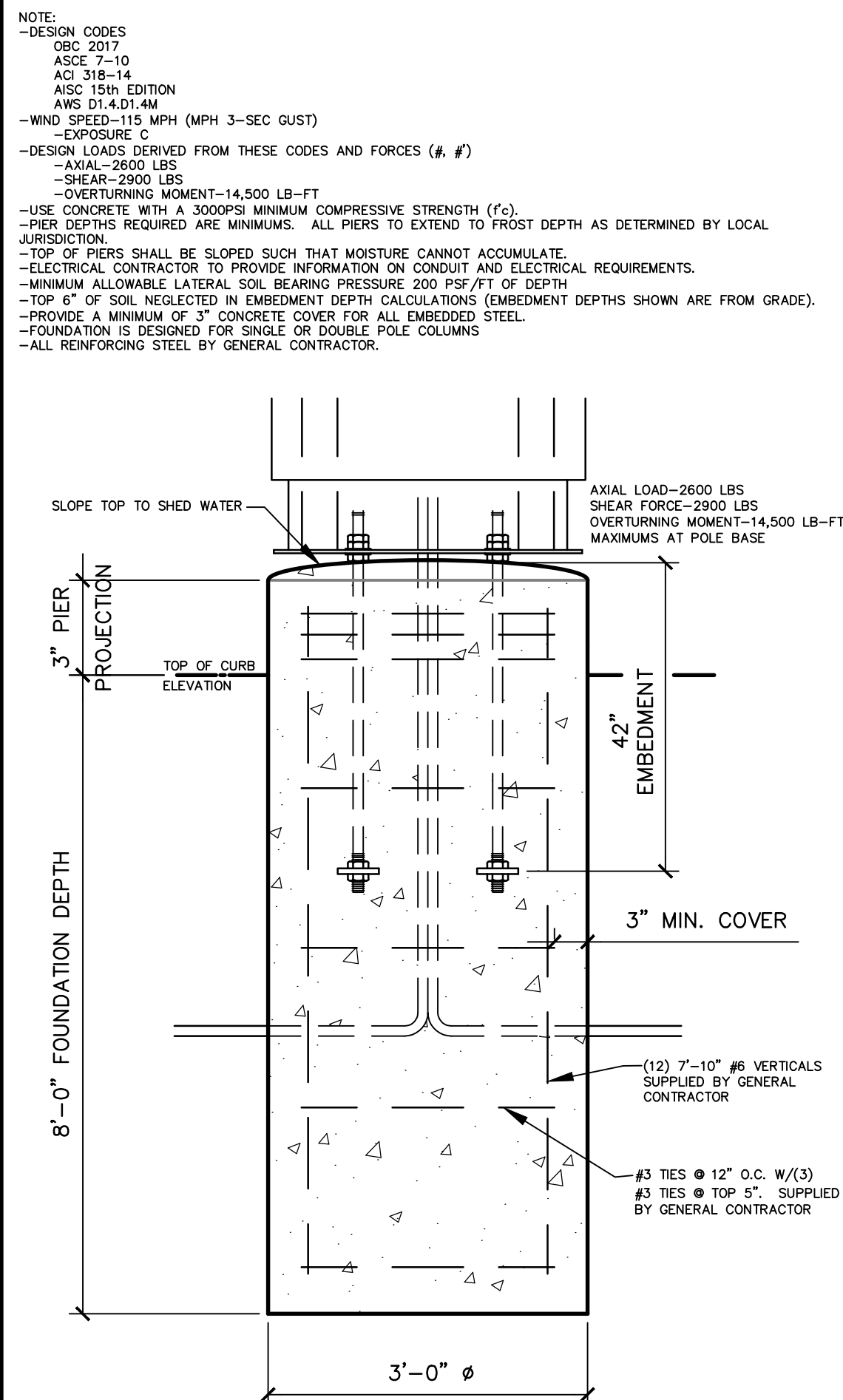
—DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE



SCALE: NONE


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 Phone 614/718-3833 • Fax 614/761-0717
 Email: sourcesource@ganietech.net

SD-3



GENERAL NOTES

THE FOLLOWING CONDITIONS WERE USED IN DESIGN:

- ORC 2010
- ASCE 7-10
- ACI 318-14
- ACI 308-15H EDITION
- AWS D1.1/D1.4M
- WIND SPEED 115 MPH, 3 SEC GUST
- EXPOSURE 2
- DESIGN LOADS PER ACI 308-15H DIVISION 5 AND THE FORCES AND
- MOMENTS = 2800 LB
- WEIGHT = 2800 LBS
- MOVEMENT 4.500 LB-H-FT
- ALL FOOTING EXCAVATIONS ARE TO BE CLEAR OF WATER AND FOREIGN MATTER BEFORE PLACING CONCRETE
- MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE OF 2000PS/FT²

THE FOLLOWING CONDITIONS TO BE CONSIDERED BY GEOTECHNICAL ENGINEER IF ASSUMED CONDITIONS ARE NOT PRESENT, FOUNDATION SHALL BE DESIGNED BY A LICENSED STRUCTURAL ENGINEER TAKING INTO ACCOUNT THE FOLLOWING:

- TOP 6" OF SOIL NEGLECTED IN EMBEDMENT DEPTH CALCULATIONS (EMBEDMENT DEPTHS SHOWN ARE FROM GRAC)

ELECTRICAL CONTRACTOR TO PROVIDE INFORMATION ON CONDUIT AND ELECTRICAL REQUIREMENTS.

CONCRETE:

- ALL FOOTINGS SHALL BEAR ON FIRM UNDISTURBED RESIDUAL SOIL AND/OR ENGINEERED FILL FILL COMPACTED TO 98% OF ITS MAXIMUM DRY DENSITY AS PER ASTM D 698-70 (STANDARD PROCTOR) UNLESS NOTED OTHERWISE.
- TOP OF SLAB SHALL EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION.
- TOP OF SLAB SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE
- MINIMUM COMpressive STRENGTH (FC) SHOULD CONFORM WITH MCNOMONALS CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.13-A
- USE OF ADMIXTURES SHALL CONFORM TO MCNOMONALS CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 2.6
- AIR ENTRAINMENT SHALL CONFORM WITH MCNOMONALS CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 2.6 AND 2.13-A
- WATER CONTENT RATIO SHALL CONFORM TO MCNOMONALS CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 2.6
- FOUNDATION CONCRETE TO BE TESTED PER MCNOMONALS CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 3.14
- PROVIDE A MINIMUM 3" OF CONCRETE COVER OVER ALL EMBEDDED STEEL
- REINFORCEMENT PLACEMENT SHALL CONFORM TO MCNOMONALS CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTIONS 3.2 & 3.5.
- ANCHOR BOLTS TO BE SET IN ACCORDANCE WITH AISC CODE OF STANDARD PRACTICE
- DO NOT PLACE POLS ON CONCRETE UNTIL CONCRETE HAS CURED PER MCNOMONALS CAST-IN-PLACE CONCRETE SPECIFICATION, SECTION 3.11-E.

STEEL:

- STEEL PIPE SECTION: ASTM A53 OR A252 TYPE E GRADE B (FY = 58ksi)
- HSS ROUND PIPE SECTION: ASTM A500 GRADE B (FY = 42ksi)
- HSS RECTANGULAR SECTIONS: ASTM A500 GRADE B (FY = 42ksi)
- STEEL ANGLES: CHANNELS, STRUCTURAL SHAPES AND PLATES: ASTM A36
- STEEL BOLTS: 1/2" - BY GENERAL CONTRACTOR
- NUTS: A563/400 OR A194-2H
- WASHERS: 1/2"
- DO NOT DRIPD GALVANIZED BOLTS AND FASTENERS
- ALL BOLTS, NUTS AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/INSTALLING MANUFACTURER
- INSTALLATION OF ALL DRIP-TESTED STEEL TO BE ALLOWED WITHOUT ENGINEER'S APPROVAL.
- DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE
- ANCHOR BOLTS TO BE SET IN ACCORDANCE WITH AISC CODE OF STANDARD PRACTICE AND SHALL BE PAINTED WITH AN ENAMEL PAINT TO INHIBIT CORROSION.
- ALL FIRST WELDING SHALL BE VERIFIED BY ENGINEER

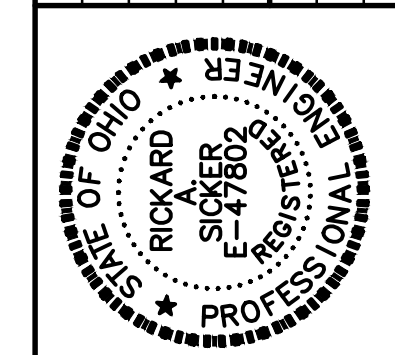
REFER TO SIGN MANUFACTURER DRAWINGS AND INSTRUCTIONS FOR ANCHOR BOLTS AND WELDING.

CONTRACTOR (INSTALLER) IS RESPONSIBLE FOR THE MEANS AND METHODS OF INSTALLATION WITH REGARD TO JOBSITE SAFETY.

FOUNDATIONS ARE DESIGNED FOR SINGLE OR DOUBLE POLE COLUMNS.

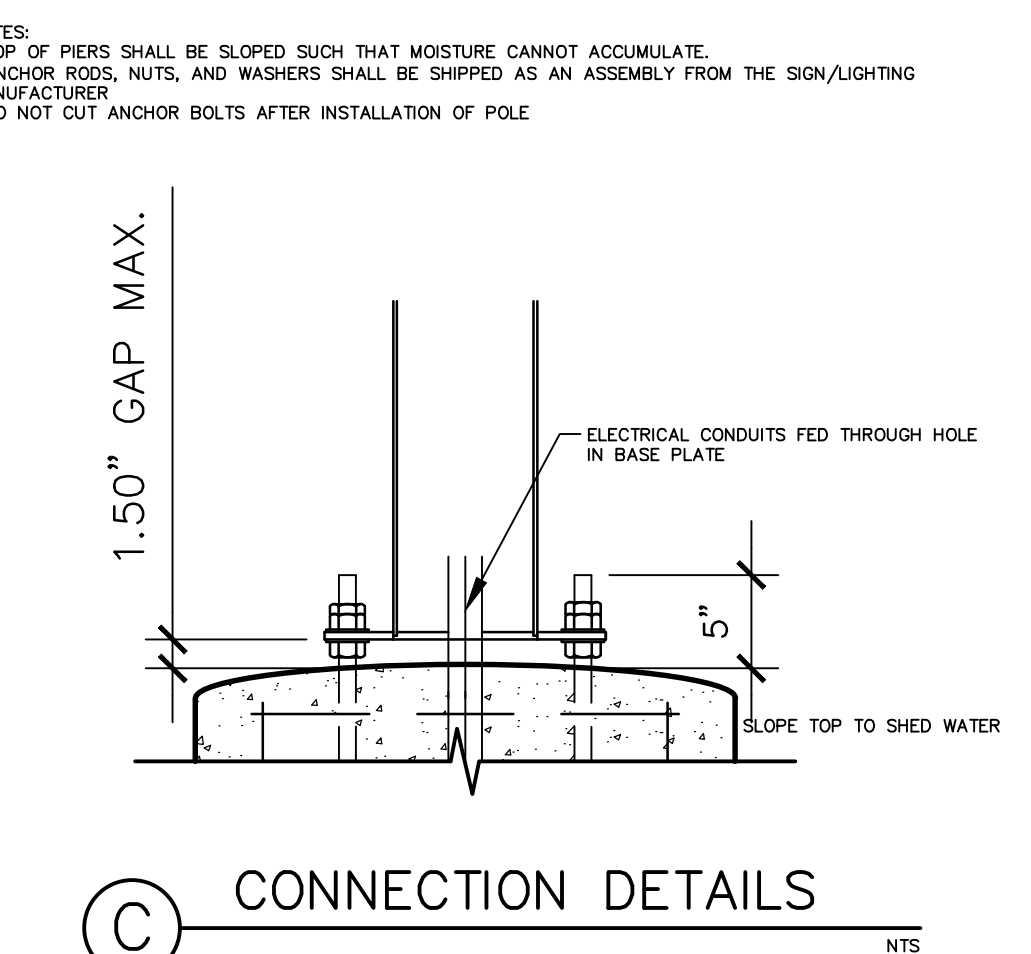
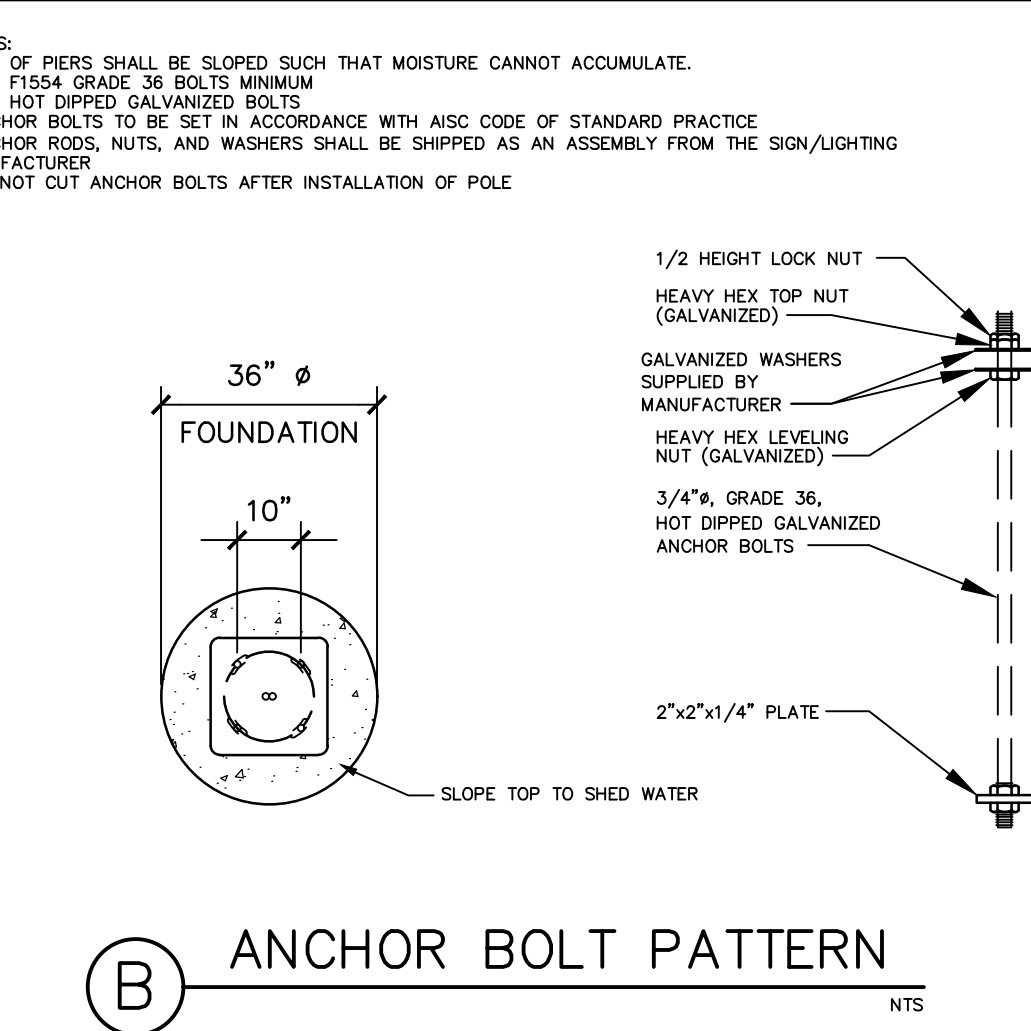
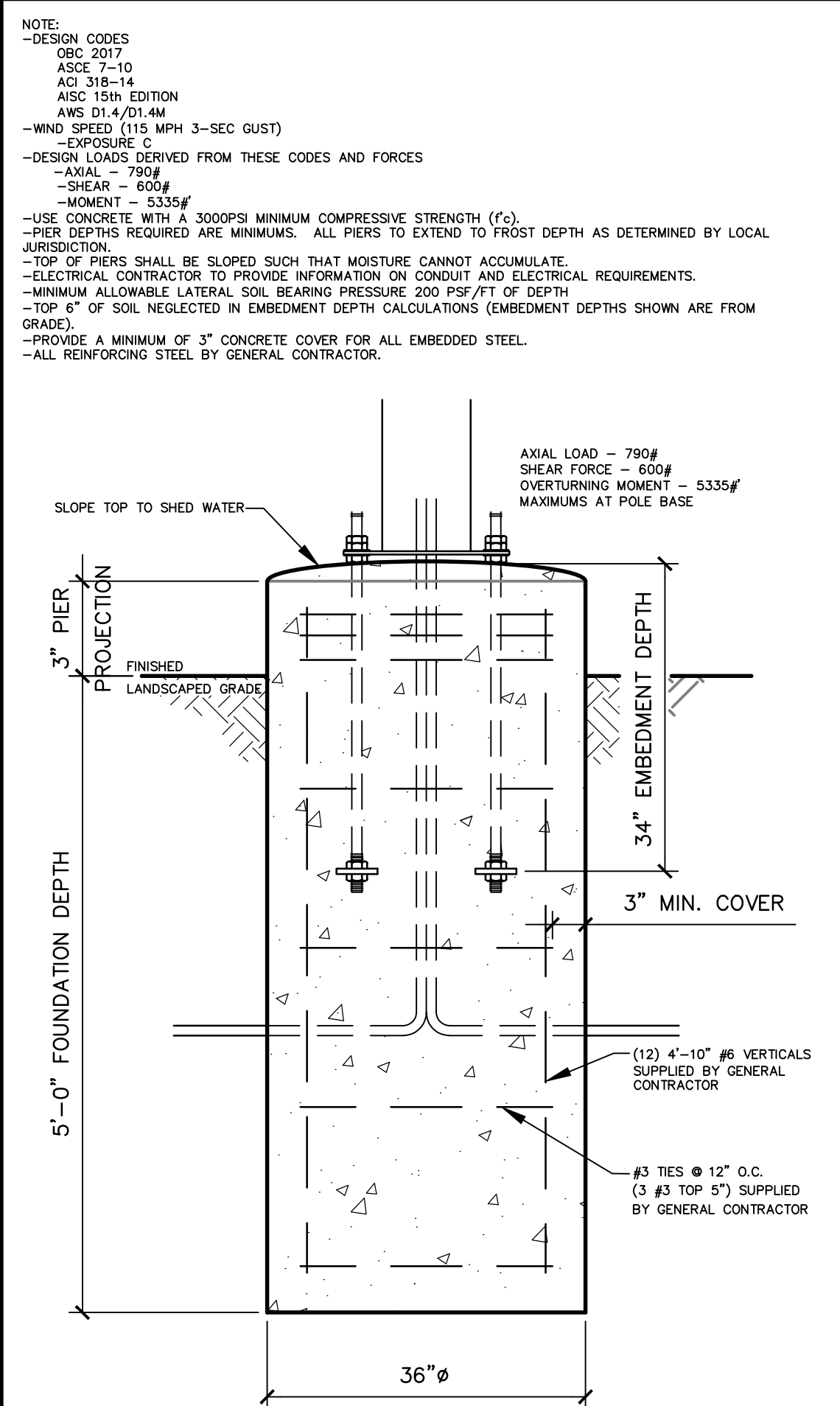
DETAILS AND STRUCTURAL MEMBERS NOT SHOWN DESIGNED BY OTHERS.

NOTE: PER NEC, ELECTRIC CONDUITS UNDER VARIOUS SURFACES (PAVEMENT) SHALL BE AT A MINIMUM DEPTH OF 24"

[illegible]

SiteSource Consultants, Inc.

REGISTERED ENGINEER NO. 47802 DATE 5/3/18
Richard A. Lih



GENERAL NOTES

THE FOLLOWING CODES WERE USED IN DESIGN:

- ORC 2017
- ACI 308-10
- ACI 318-14
- ACI 315-10
- ASIN 15TH EDITION
- LRFD 01-0701-4M
- WIND SPEED (115 MPH 3-SEC GUST)
- EXPOSURE C
- DESIGN LOADS DERIVED FROM THESE CODES AND FORCES
- TEMPERATURE 70°F
- SEALER - 600#
- MOMENT - 5355#

ALL FOOTING EXCAVATIONS ARE TO BE CLEAR OF WATER AND FORTN MATTER BEFORE PLACING CONCRETE

MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE OF 200PSF/FT² SHALL BE USED TO BE CONFIRMED BY GEOTECHNICAL ENGINEER. IF ASSUMED SOIL CONDITIONS ARE NOT PRESENT, FOUNDATION SHALL BE DESIGNED TO BE PROVED BY THE CONTRACTOR. TAKING INTO ACCOUNT ACTUAL SITE SOIL CONDITIONS.

-TOP OF OF SOIL NEGLECTED IN EMBEDEDMENT DEPTH CALCULATIONS (EMBDEDMENT DEPTH SHOWN ARE FROM GRADE)

-ELECTRICAL CONTRACTOR TO PROVIDE INFORMATION ON CONDUIT AND ELECTRICAL REQUIREMENTS.

CONCRETE:

- ALL FOOTINGS SHALL BEAR ON FIRM UNDISTURBED RESIDUAL SOIL AND/OR ENGINEERED FILL COMPACTED TO 98% OF ITS MAXIMUM DRY DENSITY AS PER ASTM D 698-70 (STANDARD PROCTOR) UNLESS NOTED OTHERWISE.
- ALL PILES TO EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION.
- TOP OF PILE SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
- CONCRETE COMPRESSION STRENGTH (F_c) SHOULD CONFORM WITH MCDONALDS CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.13-A
- USE OF ADMIXTURES SHALL CONFORM TO MCDONALDS CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.6
- AIR ENTRAINMENT SHALL CONFORM WITH MCDONALDS CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.6
- WATER CONTENT RATIO SHALL CONFORM TO MCDONALDS CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.6
- FOUNDATION CONCRETE SHALL BE TESTED PER MCDONALDS CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 3.11-E
- PROVIDE A MINIMUM 3" OF CONCRETE COVER OVER ALL EMBEDDED STEEL.
- REINFORCEMENT PLACEMENT SHALL CONFORM TO MCDONALDS CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTIONS 3.2 & 3.5.
- ANCHOR BOLTS TO BE SET IN ACCORDANCE WITH ASCE CODE OF STANDARD PRACTICE.
- DO NOT PLACE POLYS ON CONCRETE UNTIL CONCRETE HAS CURED PER MCDONALDS CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 3.11-E.

STEEL:

- STEEL PIPE: SECTION ASTM A53 OR A252 TYPE E GRADE B (F_y = 35ksi)
- HSS ROUND SECTION: ASTM A500 GRADE B (F_y = 42ksi)
- HSS SQUARE/RECTANGULAR SECTIONS: ASTM A500 GRADE B (F_y = 46ksi)
- CONNECTION BOLTS: A325
- WELDS: CHANGING, STRUCTURAL SHAPES AND PLATES: ASTM A36
- REINFORCEMENT: GRADE 60 - BY GENERAL CONTRACTOR
- NUTS: A563DIN 934-2H
- WASHERS: F435
- USE HOT DIP GALVANIZED BOLTS AND FASTENERS
- ALL STEEL CONTRACTORS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/LIGHTING MANUFACTURER
- NO FIELD HEATING TO BEND STEEL SHALL BE ALLOWED WITHOUT APPROVAL
- DO NOT CUT AND/OR BOLT AFTER INSTALLATION OF POLE STRUCTURE. ALL CUTS AND/OR BOLTS SHALL BE PAINTED WITH AN ENAMEL PAINT TO INHIBIT CORROSION.
- ANY FIELD WELDING SHALL FIRST BE VERIFIED BY ENGINEER.

-REFER TO SIGN MANUFACTURER DRAWINGS AND INSTRUCTIONS FOR ADDITIONAL INFORMATION.

THE CONTRACTOR (INSTALLER) IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION IN REGARDS TO JOBSITE SAFETY.

STRUCTURE SHALL BE DESIGNED TO BE PROVED BY OTHERS

- ANY MODIFICATIONS ARE TO BE VERIFIED BY AN ENGINEER

NOTE: PER NEG. ELECTRIC CONDUITS UNDER DRIVABLE SURFACES (PAVEMENT)

McDonald's®
KROC DRIVE
OAK BROOK, ILLINOIS 60521

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF MCDONALD'S CORPORATION AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.

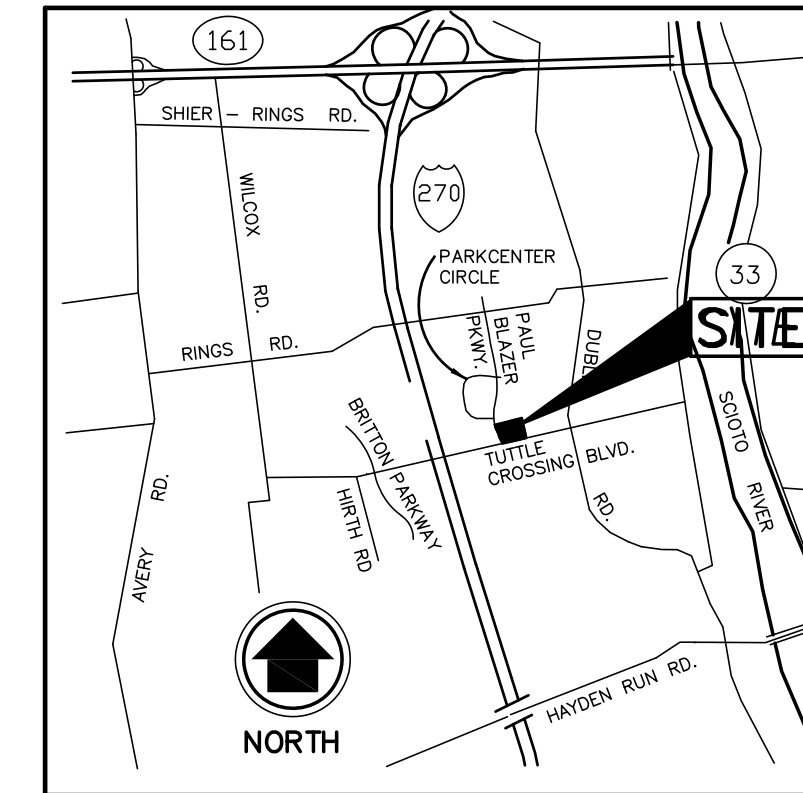
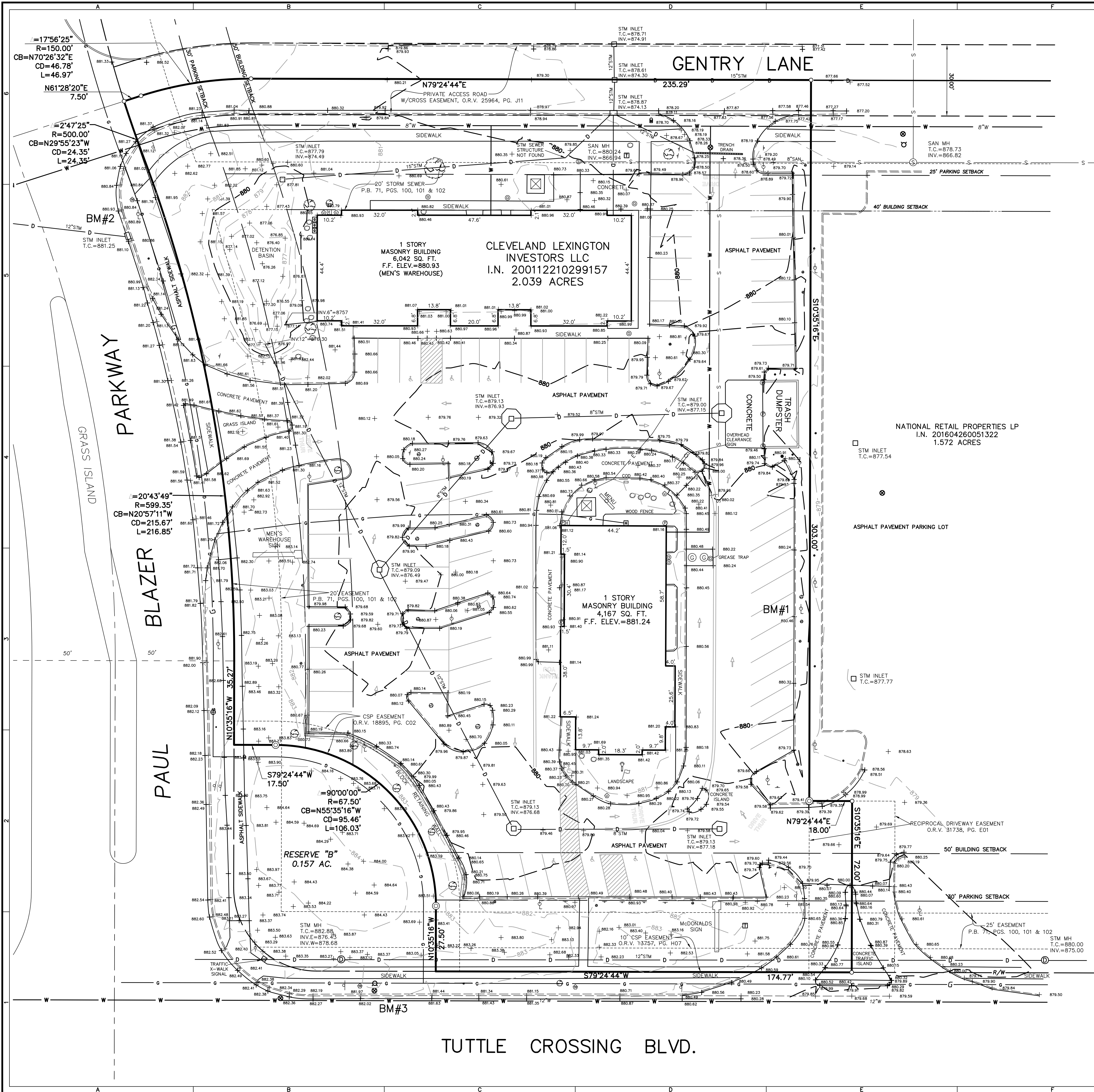
OHIO REGION 2 EASTN OVAL, SUITE 200, COLUMBUS, OH 43219 (614)418-3300

JOB NO. SS017-552

DATE: MAY 2018

SITE DETAILS

SD-4



LOCATION MAP

LEGEND

- | | | | |
|---|----------------------------|---|---------------------|
| □ | STORM SEWER INLET | — | SIGN |
| — | WATERLINE | ⊗ | WATER VALVE |
| — | SANITARY SEWER | ⊙ | SANITARY MANHOLE |
| — | STORM SEWER | ⊕ | STORM SEWER MANHOLE |
| — | GAS LINE | ⊖ | IRON PIN FOUND |
| — | UNDERGROUND TELEPHONE LINE | ⊗ | TRAFFIC CONTROL BOX |
| — | OVERHEAD UTILITY LINES | ⊙ | TELEPHONE MANHOLE |
| — | UNDERGROUND ELECTRIC LINE | ⊖ | GAS LINE MARKER |
| ⊗ | FIRE HYDRANT | ⊙ | TELEPHONE BOX |
| ⊕ | UTILITY BOX | ⊖ | CLEAN-OUT |
| ⊙ | LIGHT POLE | ⊗ | TRAFFIC LIGHT POLE |
| ⊖ | UTILITY POLE | ⊙ | UTILITY BOX |
| ⊗ | GREASE PIT MANHOLE | ⊗ | TREE |
| ⊕ | ELECTRIC TRANSFORMER | ⊙ | MAG NAIL FOUND |

BENCH MARKS

Elevation established from GPS observations.

BM#1 Cut "X" on concrete light pole base located 285 feet east of Paul Blazer Parkway and 175 feet north of Tuttle Crossing Blvd. east side of McDonalds parking lot.

ELEV.= 880.99 (NAVD 88)

BM#2 Cut "X" on concrete light pole base located at the southeasterly corner of Paul Blazer Parkway and Gentry Lane.

ELEV.= 881.79

BM#3 Cut "X" on north bolt of fire hydrant located at the northeasterly corner of Paul Blazer parkway and Tuttle Crossing Blvd.

ELEV.=884.75

NOTES

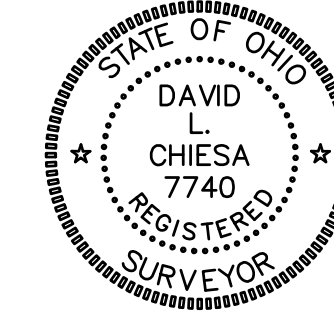
- Property is currently zoned: PCD Planned Unit Development District.
- According to F.E.M.A. Map Panel No. 39049C0134K, dated June 17, 2008, subject property is located in Flood Zone "X", outside the flood hazard area.
- Total number of striped parking spaces is 82 of which 6 are handicapped.
- Utilities shown hereon are based on field locations and plan information. Gas and Electric were marked by OUPS on site. Water service and sanitary sewer service were established by plans only.

CERTIFICATION

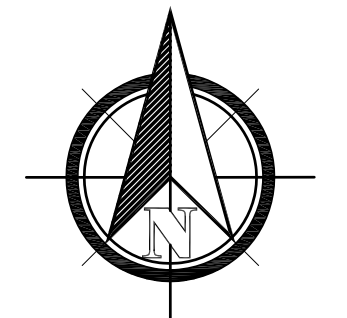
I hereby certify to McDonald's Corporation that this Topographic Survey and the information shown hereon was established from field work completed on August 16, 2017.

By *David L. Chiesia*
David L. Chiesia
Registered Surveyor No. 7740

Date 08/21/17



TICKET No. A722602626



GRAPHIC SCALE
20 10 0 20
(IN FEET)
1 inch = 20 ft.



IBI GROUP
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Westerville OH 43081 USA
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ibigroup.com

SUBMISSION:

REVISION:

STAMP:

McDONALD'S CORPORATION
L/C 34-1473
5170 TUTTLE CROSSING BOULEVARD
DUBLIN, OHIO

FIELD	DRAFT	CHECK
KS	DC	RW

IBI GROUP NO.: 112279

DATE: AUGUST 2017

SCALE:

HORIZONTAL: 1"=20'

VERTICAL:

SHEET TITLE:

TOPOGRAPHIC SURVEY

SHEET NO.: