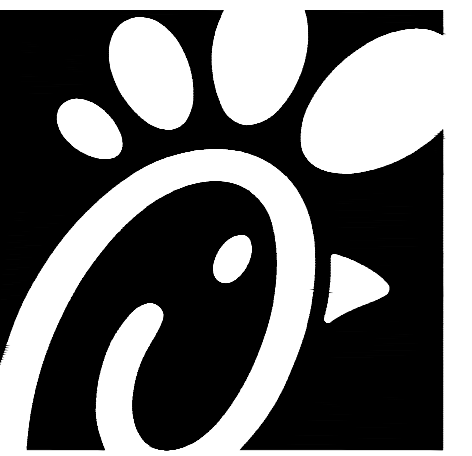


PRELIMINARY SITE PLANS

CHICK-FIL-A PLAINFIELD

6102 CAMBRIDGE WAY
TOWN OF PLAINFIELD, HENDRICKS COUNTY, INDIANA
FSR#05219



Chick-fil-A
5200 Buffington Road
Atlanta, Georgia 30349-2998



t: 844.813.2949
www.peagroup.com



NOT FOR
REGULATORY
APPROVAL,
BIDDING, OR
CONSTRUCTION

CHICK-FIL-A
PLAINFIELD
6102 CAMBRIDGE WAY
PLAINFIELD, IN 46168

FSR#05219

BUILDING TYPE / SIZE: P14-SE-BASE
RELEASE: 06.25

REVISION SCHEDULE
NO. DATE DESCRIPTION

CONSULTANT PROJECT # 22-1054
PRINTED FOR SPA
DATE 9/15/2025
DRAWN BY BV

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SHEET
COVER SHEET

SHEET NUMBER

C-000

PERMIT / APPROVAL SUMMARY		
DATE SUBMITTED	DATE APPROVED	PERMIT / APPROVAL
9/15/2025		SITE PLAN APPROVAL

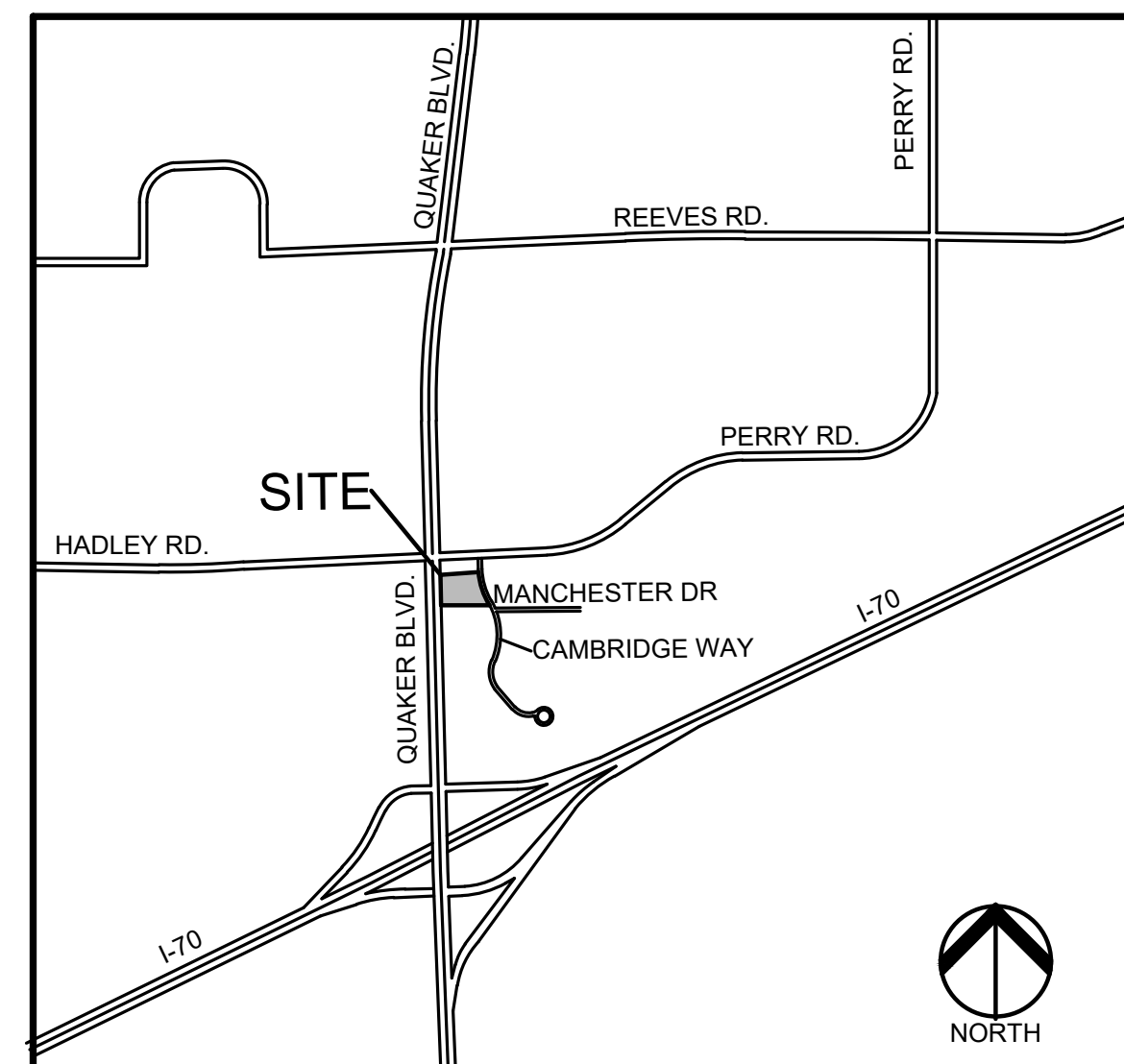
LAND DESCRIPTION
LOT NUMBERED TWO (2) IN CAMBRIDGE SQUARE WEST, PHASE 1, A SUBDIVISION IN THE TOWN OF PLAINFIELD, HENDRICKS COUNTY, INDIANA, AS PER PLAT THEREOF AS RECORDED MARCH 4, 1988 IN PLAT BOOK 13, PAGES 34-35 AND SURVEYOR'S CERTIFICATE OF ERROR RECORDED MARCH 22, 1988 AS BOOK 114, PAGE 86 IN THE OFFICE OF THE RECORDER OF HENDRICKS COUNTY, INDIANA.

BENCHMARK INFORMATION
ORIGINATING BENCHMARK
L-61 (PID: KA0040)
1.2 MILES SOUTHEAST FROM PLAINFIELD

ABOUT 1.2 MILES ALONG STATE HIGHWAY 267 FROM ITS JUNCTION WITH U.S. HIGHWAY 40 AT PLAINFIELD, AT A CROSS ROAD, 45 FEET WEST OF AND ABOUT LEVEL WITH THE CENTER LINE OF THE HIGHWAY, 28 FEET NORTH OF THE CENTER LINE OF THE ENTRANCE TO THE EDWARD CUMMINGS FARM, 14 FEET NORTHWEST OF THE NORTH END OF A 12-INCH CORRUGATED PIPE CULVERT, 7 FEET WEST OF TELEPHONE POLE NO. 36-H 62, 4 FEET WEST OF A CONCRETE FENCE CORNER POST, AND 2 FEET EAST OF A WHITE WOODEN WITNESS POST. A STANDARD DISK, STAMPED L 61 1946 AND SET IN THE TOP OF A CONCRETE POST PROJECTING 8 INCHES ABOVE GROUND.

ELEV: 715.41 (NAVD 88)

NARRATIVE:
PROPOSED CONSTRUCTION OF A RESTAURANT WITH A DRIVE-THRU WINDOW AND OUTDOOR SEATING.
REFER TO SITE DATA TABLE ON C-200 FOR MORE DETAIL RELATED TO PARKING, STACKING, ZONING, ETC.



LOCATION MAP
NO SCALE

INDEX OF DRAWINGS	
NUMBER	TITLE
C-000	COVER SHEET
C-100	TOPOGRAPHIC SURVEY
C-101	DEMOLITION PLAN
C-200	PRELIMINARY SITE PLAN
C-201	TRUCK TURNING PLAN - WB-62
C-202	TRUCK TURNING PLAN - FIRE
C-203	TRUCK TURNING PLAN - REFUSE
C-300	PRELIMINARY GRADING PLAN
C-301	PRELIMINARY STORM SEWER PLAN
C-304	EROSION CONTROL PLAN
C-306	DRAINAGE MAP
PS-100	PRELIMINARY PLUMBING SITE PLAN
C-400	CFA STANDARD DETAILS - 1
C-401	CFA STANDARD DETAILS - 2
C-402	CFA STANDARD DETAILS - 3
C-403	CFA STANDARD DETAILS - 4
C-500	NOTES AND DETAILS
LANDSCAPE PLANS	
L-100	PRELIMINARY LANDSCAPE PLAN
L-101	LANDSCAPE DETAILS
ARCHITECTURAL PLANS	
E-102	PHOTOMETRIC PLAN
X-900	DESIGN OVERVIEW (TOWER BRICK)
A-101	PATIO PLANS AND DETAILS
A-103	REFUSE ENCLOSURE
A-104	ORDER POINT CANOPY
A-105	OUTSIDE MEAL DELIVERY CANOPY
A-201	FLOOR PLAN
A-301	EXTERIOR ELEVATIONS

DESIGN TEAM

APPLICANT	CIVIL ENGINEER	LANDSCAPE ARCHITECT
CHICK-FIL-A 5200 BUFFINGTON ROAD ATLANTA, GEORGIA, 30349-2998 CONTACT: JUSTIN LURK PHONE: 573.268.0957 EMAIL: JUSTIN.LURK@CFACORP.COM	PEA GROUP 2430 ROCHESTER COURT, STE. 100 TROY, MI 48083-1872 CONTACT: LESLIE ACCARDO PHONE: 248.509.7258 EMAIL: LACCARDO@PEAGROUP.COM REGISTERED ENGINEER: DAVID HUNTER LICENSE: 10809333	PEA GROUP 7927 NEMCO WAY, STE. 115 BRIGHTON, MI 48116 CONTACT: JANET EVANS PHONE: 844.813.2949 EMAIL: JEVANS@PEAGROUP.COM
PROPERTY OWNER	ARCHITECT	
ALRIG USA 30200 TELEGRAPH RD, SUITE 205 BINGHAM FARMS, MI 48025 CONTACT: JORDAN CHAPMAN PHONE: 248.646.9999 EMAIL: JORDAN@ALRIGUSA.COM	CHI LAX NYC PHX CHIPMAN DESIGN ARCHITECTURE 1350 EAST TOUHY AVE., FIRST FLOOR EAST DES PLAINES, IL 60018 CONTACT: ADAM FADIE PHONE: 847.298.6900 PHONE: 847.2986966 EMAIL: AFADIE@CHIPMAN-DESIGN.COM	

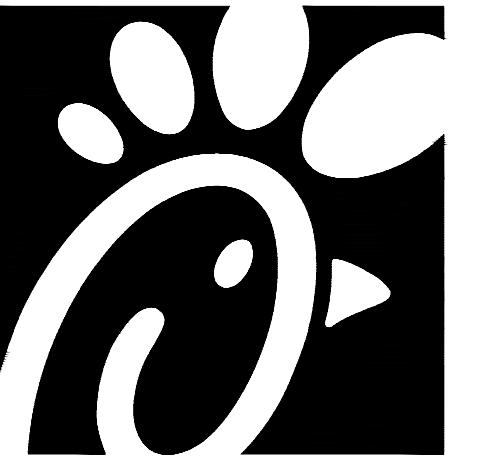
UTILITY CONTACTS

ELECTRICAL SERVICE	SANITARY SEWER SERVICE	WATER SERVICE
DUKE ENERGY 100 MILLCREEK RD, NOBLESVILLE, IN 46060 CONTACT: THOMAS ORWAY PHONE: 317.776.5354	PLAINFIELD DEPARTMENT OF PUBLIC WORKS 986 SOUTH CENTER STREET PLAINFIELD, IN 46168 CONTACT: JASON CASTETTER PHONE: 317.839.3490	PLAINFIELD DEPARTMENT OF PUBLIC WORKS 986 SOUTH CENTER STREET PLAINFIELD, IN 46168 CONTACT: JASON CASTETTER PHONE: 317.839.3490
GAS SERVICE	STORM SEWER SERVICE	TELEPHONE SERVICE
VECTREN 1630 NORTH MERIDIAN INDIANAPOLIS, IN 46202 CONTACT: GERRY JONES PHONE: 317.718.3604 EMAIL: G.JONES@VECTREN.COM	PLAINFIELD DEPARTMENT OF PUBLIC WORKS 986 SOUTH CENTER STREET PLAINFIELD, IN 46168 CONTACT: JASON CASTETTER PHONE: 317.839.3490	AT&T DISTRIBUTION 240 NORTH MERIDIAN ST. INDIANAPOLIS, IN 46204 CONTACT: MICHAEL CARTER PHONE: 317.722.2299

REVISIONS	
DESCRIPTION	DATE
SITE PLAN APPROVAL	9/15/2025

SHEET NUMBER

C-000

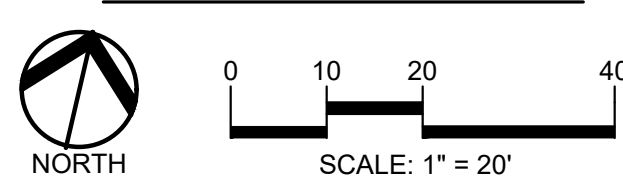


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PLAINFIELD
6102 CAMBRIDGE WAY
PLAINFIELD, IN 46168

FSR#05219

BUILDING TYPE / SIZE: P14-SE-BASE
RELEASE: 06.25

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT #	22-1054
PRINTED FOR	SPA
DATE	9/15/2025
DRAWN BY	BV

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SHEET
TOPOGRAPHIC
SURVEY

SHEET NUMBER
C-100

LAND DESCRIPTION

LOT NUMBERED TWO (2) IN CAMBRIDGE SQUARE WEST, PHASE 1, A SUBDIVISION IN THE TOWN OF PLAINFIELD, HENDRICKS COUNTY, INDIANA, AS PER PLAT THEREOF AS RECORDED MARCH 4, 1988 IN PLAT BOOK 13, PAGES 34-35 AND SURVEYOR'S CERTIFICATE OF ERROR RECORDED MARCH 22, 1988 AS BOOK 114, PAGE 66 IN THE OFFICE OF THE RECORDER OF HENDRICKS COUNTY, INDIANA.

BENCHMARK INFORMATION

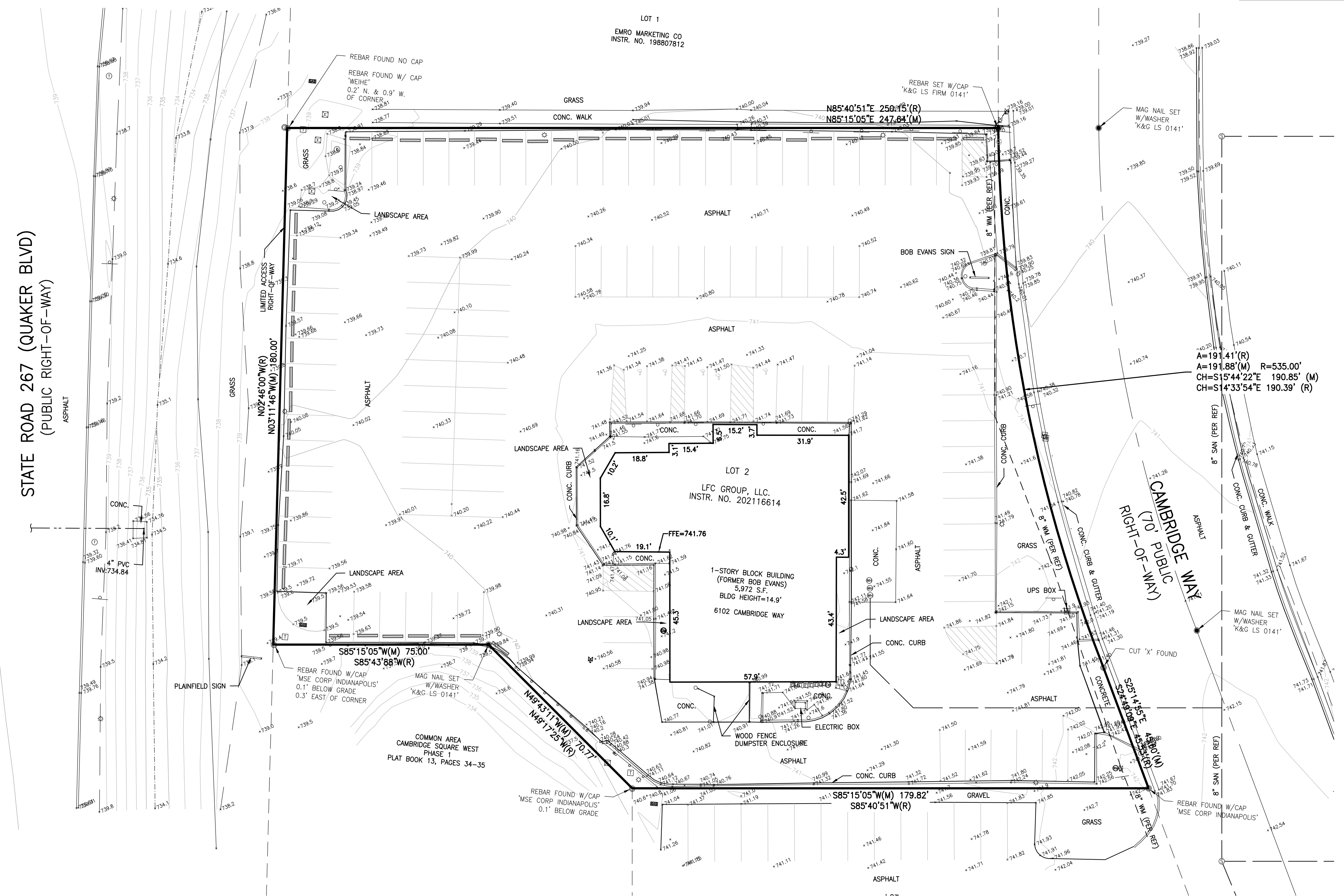
ORIGINATING BENCHMARK
L-61 (PID: K40040)
1.2 MILES SOUTHEAST FROM PLAINFIELD

ABOUT 1.2 MILES ALONG STATE HIGHWAY 267 FROM ITS JUNCTION WITH U.S. HIGHWAY 40 AT PLAINFIELD, AT A CROSS ROAD, 45 FEET WEST OF AND ABOUT LEVEL WITH THE CENTER LINE OF THE HIGHWAY, 26 FEET NORTH OF THE CENTER LINE OF THE ENTRANCE TO THE EDWARD CUMMINGS FARM, 14 FEET NORTHWEST OF THE NORTH END OF A 12-INCH CORRUGATED PIPE CULVERT, 7 FEET WEST OF TELEPHONE POLE NO. 36-H 62, 4 FEET WEST OF A CONCRETE FENCE CORNER POST, AND 2 FEET EAST OF A WHITE WOODEN WITNESS POST, A STANDARD DISK, STAMPED L 61 1948 AND SET IN THE TOP OF A CONCRETE POST PROJECTING 8 INCHES ABOVE GROUND.

ELEV: 715.41 (NAVD 88)

LEGEND:

—OH-ELEC—W—C—	EX. OH. ELEC. POLE & GUY WIRE
—UG-CATV—	EX. U.G. CABLE TV & PEDESTAL
—UG-COMM—	EX. U.G. COMMUNICATION LINE, PEDESTAL & MANHOLE
—UG-ELEC—	EX. U.G. ELEC. MANHOLE, METER & HANDHOLE
---	EX. GAS LINE
⊗	EX. GAS VALVE & GAS LINE MARKER
⊠	EX. TRANSFORMER & IRRIGATION VALVE
—	EX. WATER MAIN
⊕	EX. HYDRANT, GATE VALVE & POST INDICATOR VALVE
⊗	EX. WATER VALVE BOX & SHUTOFF
—	EX. SANITARY SEWER
⊗	EX. SANITARY CLEANOUT & MANHOLE
⊠	EX. COMBINED SEWER MANHOLE
—	EX. STORM SEWER
⊗	EX. CLEANOUT & MANHOLE
⊗	EX. SQUARE, ROUND & BEEHIVE CATCH BASIN
⊗	EX. YARD DRAIN & ROOF DRAIN
⊗	EX. UNIDENTIFIED STRUCTURE
⊗	EX. MAILBOX, SIGN & LIGHTPOLE
—	EX. FENCE
—	EX. GUARD RAIL
⊗	EX. DEC. TREE, CONIFEROUS TREE & SHRUB
⊗	EX. TREE TAG, & TREE LINE
⊗	EX. SPOT ELEVATION
⊗	EX. CONTOUR
⊗	IRON FOUND / SET
⊗	NAIL FOUND / NAIL & CAP SET
⊗	BRASS PLUG SET
⊗	MONUMENT FOUND / SET
⊗	SECTION CORNER FOUND
R M C	RECORDED / MEASURED / CALCULATED

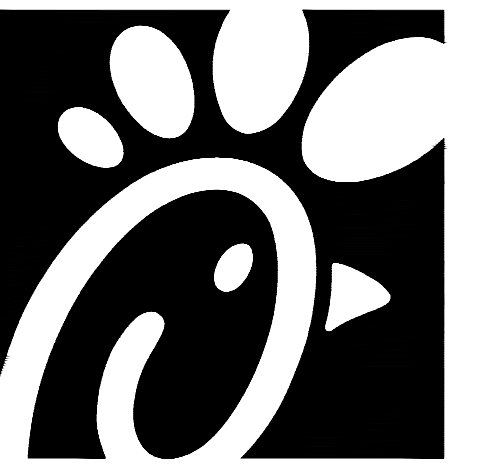


STATE ROAD 267 (QUAKER BLVD)
(PUBLIC RIGHT-OF-WAY)

COMMON AREA
CAMBRIDGE SQUARE WEST
PHASE 1
PLAT BOOK 13, PAGES 34-35

RIGHT-OF-WAY
CAMBRIDGE WAY
(70' PUBLIC)

A=191.41'(R)
A=191.88'(M) R=535.00'
CH=S15°44'22"E 190.85'(M)
CH=S14°33'54"E 190.39'(R)

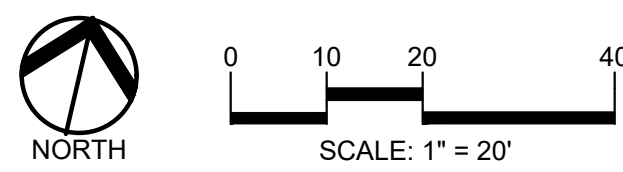


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CHICK-FIL-A
PLAINFIELD
6102 CAMBRIDGE WAY
PLAINFIELD, IN 46168

FSR#05219

BUILDING TYPE / SIZE: P14-SE-BASE
RELEASE: 06.25

REVISION SCHEDULE
NO. DATE DESCRIPTION

CONSULTANT PROJECT # 22-1054
PRINTED FOR SPA
DATE 9/15/2025
DRAWN BY BV

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SHEET
DEMOLITION
PLAN

SHEET NUMBER
C-101

KEY NOTES:

P1	PROTECT TREE (REFER TO LANDSCAPE PLANS FOR DETAIL)	R7	REMOVE SIGN
P2	PROTECT UTILITY STRUCTURE	R8	REMOVE UTILITY STRUCTURE
P3	PROTECT LIGHT POLE	R9	REMOVE COLUMN
P4	PROTECT UTILITY POLE	R10	REMOVE UTILITY LINE
P5	PROTECT SIGN	R11	REMOVE STRUCTURE (SEE BUILDING DEMOLITION NOTE)
R1	REMOVE ASPHALT PAVEMENT	R12	REMOVE LANDSCAPING
R2	REMOVE CONCRETE PAVEMENT/ SIDEWALK	R13	REMOVE POST/ TUBE
R3	REMOVE TREE	R14	SAWCUT EXISTING PAVEMENT
R4	REMOVE CHAINLINK/ IRON FENCE	R15	REMOVE TRANSFORMER
R5	REMOVE LIGHT POLE	R16	REMOVE SCREEN WALL
R6	REMOVE CONCRETE CURB AND GUTTER	R17	REMOVE EXISTING CHAINLINK FENCE BY DEVELOPER

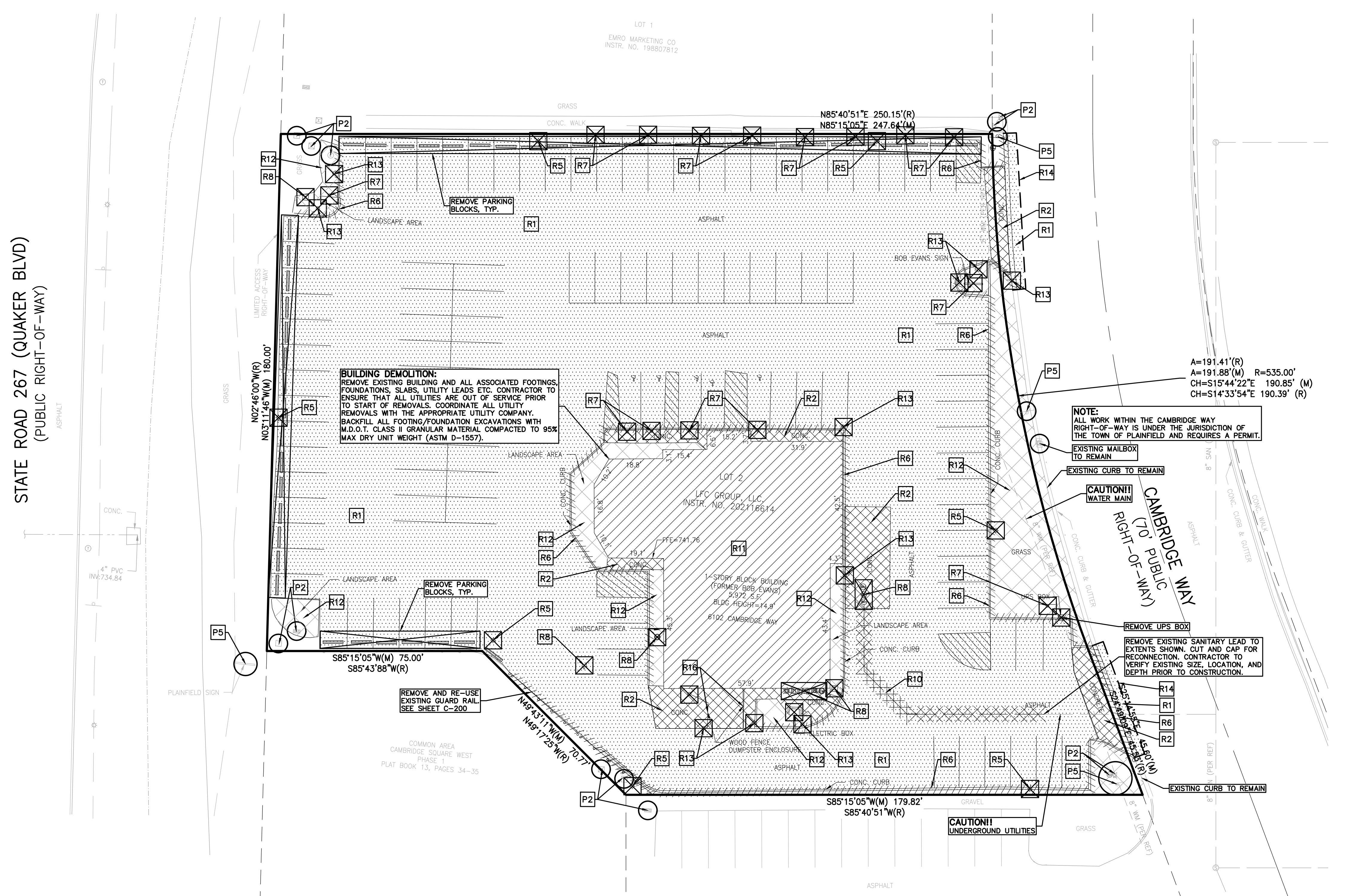
BENCHMARKS
ORIGINATING BENCHMARK
L-61 (PID: KA0040)
1.2 MILES SOUTHEAST FROM PLAINFIELD

ABOUT 1.2 MILES ALONG STATE HIGHWAY 267 FROM ITS JUNCTION WITH U.S. HIGHWAY 40 AT PLAINFIELD, AT A CROSS ROAD, 45 FEET WEST OF AND ABOUT LEVEL WITH THE CENTER LINE OF THE HIGHWAY, 28 FEET NORTH OF THE CENTER LINE OF THE ENTRANCE TO THE EDWARD CUMMINGS FARM, 14 FEET NORTHWEST OF THE NORTH END OF A 12-INCH CORRUGATED PIPE CULVERT, 7 FEET WEST OF TELEPHONE POLE NO. 36-H 62, 4 FEET WEST OF A CONCRETE FENCE CORNER POST, AND 2 FEET EAST OF A WHITE WOODEN WITNESS POST. A STANDARD DISK, STAMPED L 61 1946 AND SET IN THE TOP OF A CONCRETE POST PROJECTING 8 INCHES ABOVE GROUND.
ELEV: 715.41 (NAVD 88)

DEMOLITION LEGEND:

ITEM TO BE PROTECTED	
ITEM TO BE REMOVED	
CURB/FENCE REMOVAL	
CONCRETE PAVEMENT AND SIDEWALK REMOVAL	
AREA OR ITEMS TO BE REMOVED	
UTILITY REMOVAL	
ABANDON UTILITY	
ASPHALT REMOVAL	
ASPHALT MILL & FILL	
TREE REMOVAL	
SAWCUT LINE	

- GENERAL DEMOLITION NOTES:**
- THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT:
- ALL MATERIAL TO BE REMOVED, WHETHER SPECIFICALLY NOTED IN THE PLANS OR NOT, SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND DISPOSED OF OFF-SITE IN A LEGAL MANNER. NO ON-SITE BURY OR BURN PITS SHALL BE ALLOWED.
 - ALL DEMOLITION WORK SHALL CONFORM TO ALL LOCAL CODES AND ORDINANCES.
 - STAGING/PHASING OF DEMOLITION AND CONSTRUCTION IS TO BE COORDINATED WITH THE OWNER AND THE CONTRACTOR PRIOR TO CONSTRUCTION.
 - SPECIFIC DEMOLITION ITEMS HAVE BEEN INDICATED ON THE PLANS AS A GUIDE TO THE GENERAL SCOPE OF THE WORK. IT IS THE INTENT THAT THESE ITEMS SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR ABOVE AND BELOW GROUND, UNLESS SPECIFICALLY NOTED OTHERWISE, AND THAT DEMOLITION WILL INCLUDE BUT WILL NOT NECESSARILY BE LIMITED TO THESE ITEMS. CONTRACTOR SHALL VISIT SITE TO VERIFY EXISTING CONDITIONS AND EXTENTS OF THE DEMOLITION THAT WILL BE REQUIRED PRIOR TO SUBMITTING A BID.
 - REMOVE ALL STRUCTURES DESIGNATED FOR REMOVAL ACCORDING TO THE DEMOLITION PLAN. THIS INCLUDES FOUNDATIONS, FOOTINGS, FOUNDATION WALLS, FLOOR SLABS, UNDERGROUND UTILITIES, CONCRETE, ASPHALT, TREES, ETC.
 - REFER TO LANDSCAPE PLANS FOR TREE PROTECTION DETAILS.
 - THE CONTRACTOR SHALL, AS A MINIMUM, PROVIDE TREE PROTECTION FENCING AROUND EXISTING TREES TO BE SAVED THAT ARE WITHIN 15 FEET OF CONSTRUCTION ACTIVITIES AND AS INDICATED IN THE PLANS OR PER LOCAL AGENCY REQUIREMENTS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP, NOISE, DUST CONTROL, STREET SWEEPING AND HOURS OF OPERATION IN ACCORDANCE WITH THE LOCAL CODES.
 - THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, SIGNAGE, MARKINGS, LIGHTS AND OTHER TRAFFIC CONTROL DEVICES TO PROTECT THE WORK ZONE AND SAFELY MAINTAIN TRAFFIC PER AGENCY REQUIREMENTS AND IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES TO CONFIRM THAT UTILITY LEADS HAVE BEEN TAKEN OUT OF SERVICE PRIOR TO DEMOLITION.
 - ALL BUILDING GAS LEADS, METERS AND ASSOCIATED EQUIPMENT SHALL BE REMOVED AS SHOWN ON THE PLANS. COORDINATE SHUTDOWNS AND REMOVALS WITH ELECTRICAL SERVICE PROVIDER OR THE APPROPRIATE UTILITY COMPANY. (NOTE: PHONE AND CABLE T.V. SERVICES MAY ALSO BE LOCATED ON OVERHEAD LINES.)
 - REMOVE ALL OVERHEAD AND UNDERGROUND ELECTRICAL LINES WITHIN THE AREA OF CONSTRUCTION AS SHOWN ON THE PLANS. COORDINATE SHUTDOWNS AND REMOVALS WITH ELECTRICAL SERVICE PROVIDER OR THE APPROPRIATE UTILITY COMPANY. (NOTE: PHONE AND CABLE T.V. SERVICES MAY ALSO BE LOCATED ON OVERHEAD LINES.)
 - THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF SIGNS AND SUPPORTS WITHIN THE WORK AREA, AS NECESSARY TO FACILITATE CONSTRUCTION. SIGNS SHALL BE PROTECTED OR STOCKPILED FOR REUSE AS SPECIFIED IN THE PLANS OR AS REQUIRED BY THE AGENCY OF JURISDICTION. THE CONTRACTOR SHALL REPLACE ANY DAMAGED SIGNS AND SUPPORTS AT NO ADDITIONAL COST TO THE OWNER.
 - THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE 811/ONE CALL UTILITY LOCATING CENTER, THE CITY ENGINEER AND/OR THE AUTHORITY HAVING JURISDICTION 3 BUSINESS DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.



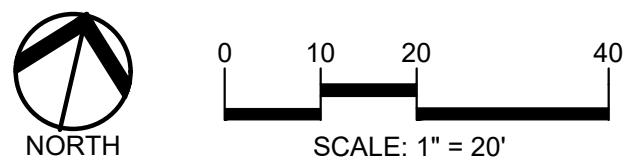


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CHICK-FIL-A PLAINFIELD 6102 CAMBRIDGE WAY PLAINFIELD, IN 46168

FSR#05219

BUILDING TYPE / SIZE: P14-SE-BASE
RELEASE: 06.25

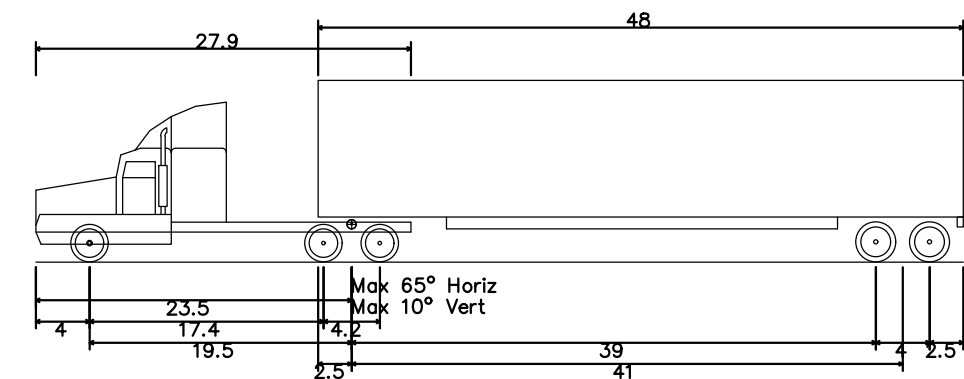
REVISION SCHEDULE
NO. DATE DESCRIPTION

CONSULTANT PROJECT # 22-1054
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DATE 9/15/2025
DRAWN BY BV

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SHEET
TRUCK TURNING
PLAN - WB-62

SHEET NUMBER
C-201



WB-62 - Interstate Semi-Trailer
Overall Length 69.00ft
Overall Width 8.50ft
Overall Body Height 13.50ft
Min Body Ground Clearance 1.33ft
Max Track Width 8.50ft
Lock-to-lock time 6.00s
Max Steering Angle (Virtual) 28.40°

STATE ROAD 267 (QUAKER BLVD)
(PUBLIC RIGHT-OF-WAY)

N02°46'00"W(R)
N03°11'46"W(M) 180.00'

S85°15'05"W(M) 75.00'
S85°43'88"W(R)

N46°43'11"W(M) 70.77'
N45°17'25"W(R)

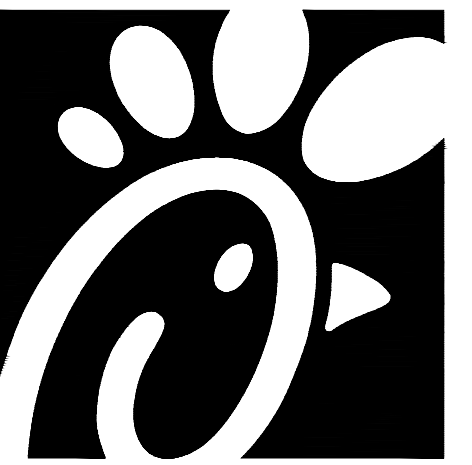
S85°15'05"W(M) 179.82'
S85°40'51"W(R)

N85°40'51"E 250.15'(R)
N85°15'05"E 247.64'(M)

A=191.41'(R)
A=191.88'(M) R=535.00'
CH=S15°44'22"E 190.85'(M)
CH=S14°33'54"E 190.39'(R)

RIGHT-OF-WAY
CAMBRIDGE WAY

S47°49'09"E 45.55'(R)
S47°49'09"E 45.55'(M)

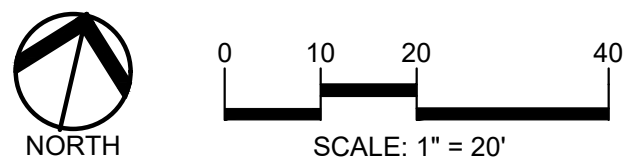


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FSR#05219

BUILDING TYPE / SIZE: P14-SE-BASE
RELEASE: 06.25

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

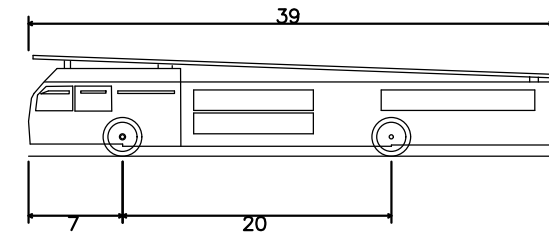
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SHEET
TRUCK TURNING
PLAN - FIRE

SHEET NUMBER

C-202



Aerial Fire Truck
 Overall Length 39.000ft
 Overall Width 8.167ft
 Overall Body Height 7.500ft
 Min Body Ground Clearance 0.750ft
 Track Width 8.167ft
 Lock-to-lock time 5.00s
 Max Wheel Angle 45.00°

STATE ROAD 267 (QUAKER BLVD)
(PUBLIC RIGHT-OF-WAY)

N02°46'00"W(R)
N03°11'46"W(M) 180.00'

S85°15'05"W(M) 75.00'
S85°43'88"W(R)

N49°43'11"W(M) 70.77'
N49°17'25"W(R)

S85°15'05"W(M) 179.82'
S85°40'51"W(R)

N85°40'51"E 250.15'(R)
N85°15'05"E 247.64'(M)

APPROXIMATE LOCATION
OF EXISTING HYDRANT
PER REF

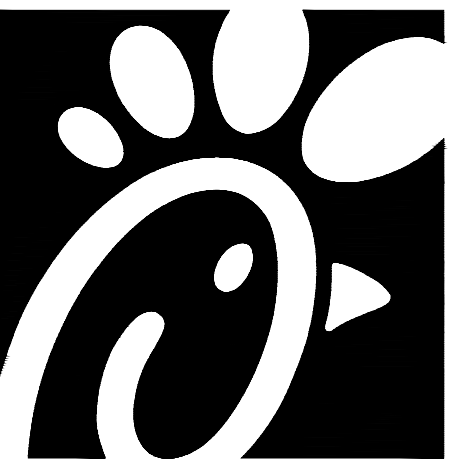
A=191.41'(R)
A=191.88'(M) R=535.00'
CH=S15°44'22"E 190.85'(M)
CH=S14°33'54"E 190.39'(R)

RICHMOND (7)
CAMBRIDGE WAY
(7) PUBLIC WAY

S27°14'55"E 45.80'(M)
S47°49'09"E 45.55'(M)

FDC LOCATION



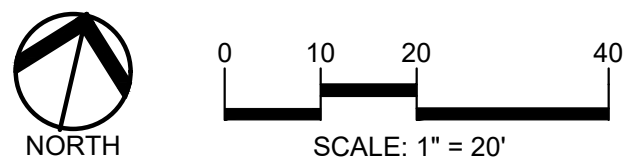


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FSR#05219

BUILDING TYPE / SIZE: P14-SE-BASE
RELEASE: 06.25

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

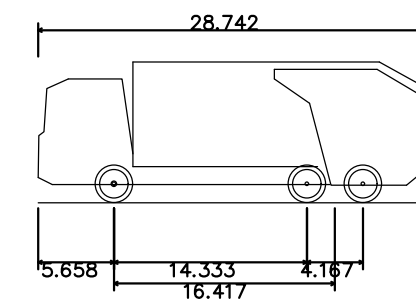
CONSULTANT PROJECT #	22-1054
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DRAWN BY	BV

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SHEET
TRUCK TURNING
PLAN - REFUSE

SHEET NUMBER

C-203



Mack TerraPro Low Entry 6x4 LEU 613 + Wayne Phoenix III 25Yd
Overall Length 28.742ft
Overall Width 8.000ft
Overall Body Height 10.481ft
Min. Body Ground Clearance 1.311ft
Track Width 8.000ft
Lock-to-lock time 6.00s
Curb to Curb Turning Radius 34.000ft

STATE ROAD 267 (QUAKER BLVD)
(PUBLIC RIGHT-OF-WAY)

N02°46'00"W(R)
N03°11'46"W(M) 180.00'

S85°15'05"W(M) 75.00'
S85°43'88"W(R)

N46°43'11"W(M) 70.77'
N46°17'25"WR

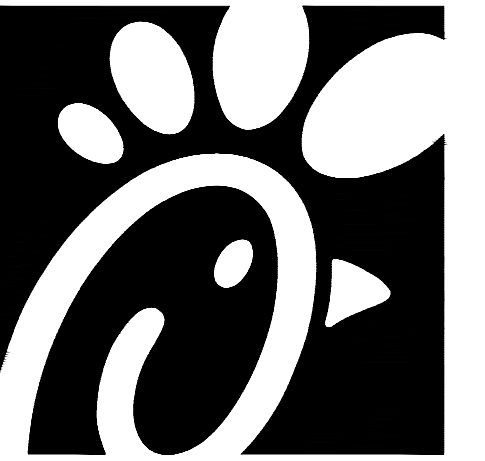
S85°15'05"W(M) 179.82'
S85°40'51"W(R)

N85°40'51"E 250.15'(R)
N85°15'05"E 247.64'(M)

A=191.41'(R)
A=191.88'(M) R=535.00'
CH=S15°44'22"E 190.85'(M)
CH=S14°33'54"E 190.39'(R)

RICHMOND (70' PUBLIC RIGHT-OF-WAY)
CAMBRIDGE WAY

S27°14'51"E 45.53'(M)
S47°49'09"E 45.53'(R)

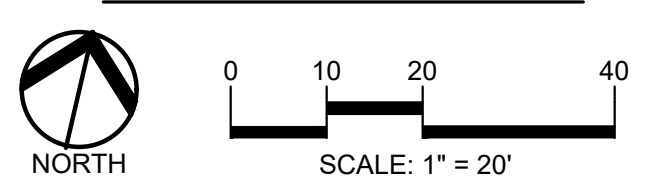


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CHICK-FIL-A PLAINFIELD 6102 CAMBRIDGE WAY PLAINFIELD, IN 46168

FSR#05219

BUILDING TYPE / SIZE: P14-SE-BASE
RELEASE: 06.25

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

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SHEET
PRELIMINARY
GRADING PLAN

SHEET NUMBER
C-300

SIDEWALK RAMP LEGEND:

- CURB RAMP W/ FLARED SIDES (⊕)
- SIDEWALK ACCESSIBLE RAMP (⊗)
- CURB DROP ONLY (⊗)

REFER TO SHEET C-400 AND C-401 FOR DETAILS

GRADING LEGEND:

- EXISTING SPOT ELEVATION (e.g., 698.33)
- PROPOSED SPOT ELEVATION: TYPICALLY TOP OF PAVEMENT IN PAVED AREAS, GUTTER GRADE IN CURB LINES.
- EXISTING CONTOUR (---)
- PROPOSED CONTOUR (—)
- PROPOSED REVERSE GUTTER PAN (—)
- PROPOSED RIDGE LINE (—)
- PROPOSED SWALE/DITCH (---)

ABBREVIATIONS

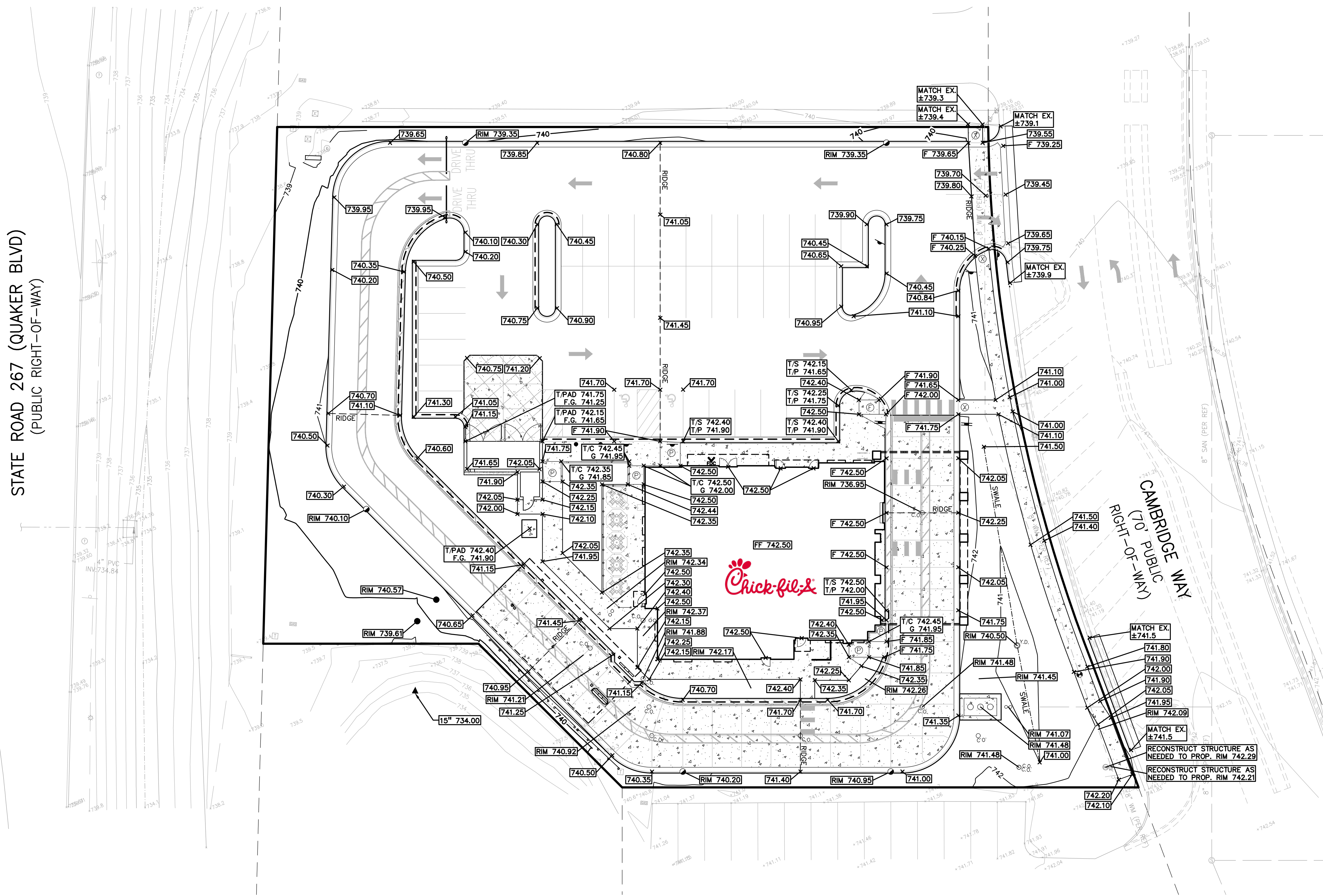
- T/C = TOP OF CURB
- T/P = TOP OF PAVEMENT
- T/S = TOP OF SIDEWALK
- T/W = TOP OF WALL
- BW = BOTTOM OF WALL
- F = FLUSH WALK
- G = GUTTER GRADE
- FF = FINISH FLOOR
- FG = FINISH GRADE
- RFM = RIM ELEVATION

BENCHMARK INFORMATION

ORIGINATING BENCHMARK
L-61 (PID: KA0040)
1.2 MILES SOUTHEAST FROM PLAINFIELD

ABOUT 1.2 MILES ALONG STATE HIGHWAY 267 FROM ITS JUNCTION WITH U.S. HIGHWAY 40 AT PLAINFIELD, AT A CROSS ROAD, 45 FEET WEST OF AND ABOUT LEVEL WITH THE CENTER LINE OF THE HIGHWAY, 26 FEET NORTH OF THE CENTER LINE OF THE ENTRANCE TO THE EDWARD CUMMINGS FARM, 14 FEET NORTHWEST OF THE NORTH END OF A 12-INCH CORRUGATED PIPE CULVERT, 7 FEET WEST OF TELEPHONE POLE NO. 36-H-62, 4 FEET WEST OF A CONCRETE FENCE CORNER POST, AND 2 FEET EAST OF A WHITE WOODEN WITNESS POST, A STANDARD DISK, STAMPED L 61 1946 AND SET IN THE TOP OF A CONCRETE POST PROJECTING 8 INCHES ABOVE GROUND.

ELEV: 715.41 (NAVD 88)



STATE ROAD 267 (QUAKER BLVD)
(PUBLIC RIGHT-OF-WAY)

CAMBRIDGE WAY
(70' PUBLIC RIGHT-OF-WAY)

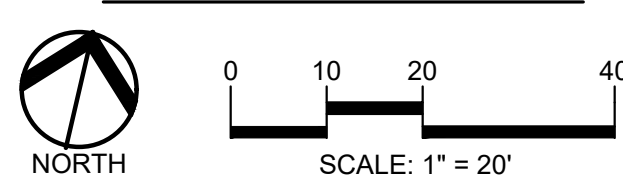


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CHICK-FIL-A
PLAINFIELD
6102 CAMBRIDGE WAY
PLAINFIELD, IN 46168

FSR#05219

BUILDING TYPE / SIZE: P14-SE-BASE
RELEASE: 06.25

REVISION SCHEDULE

NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 22-1054

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SHEET
PRELIMINARY STORM SEWER PLAN

SHEET NUMBER
C-301

STORM SEWER SYSTEM DESIGN

$I = \frac{B(T+D)^E}{C}$ $B = 85.60$ $D = 10.00$ $E = 1.00$
 $C = \text{varies}$
 $T = 10 \text{ (min.)}$ $\text{Pipe } n \text{ Value} = 0.013$

FROM STR	TO STR	AREA (A) (Acres)	COEF. C	A x C	TOTAL AREA (Ax C) (Acres)	TOTAL AREA (Acres)	TIME t (min.)	INT. I (in/hr)	FLOW Q (cfs)	PIPE CAP. (cfs)	PIPE DIA. (in.)	PIPE LENGTH (ft.)	PIPE SLOPE (%)	MIN HG PER "Q"	VEL. FULL (ft./sec)	TIME FLOW (min.)	H.G.L. ELEV.		RIM ELEV.		INVERT ELEV.		PIPE COVER		HGL COVER	
																	UP STREAM	DOWN STREAM	UP STREAM	DOWN STREAM	UP STREAM	DOWN STREAM	UP STREAM	DOWN STREAM	UP STREAM	DOWN STREAM
6	5	0.29	0.81	0.23	0.23	0.29	10.00	4.28	0.99	2.11	12	147	0.35	0.08%	2.7	0.9	736.40	735.89	739.35	739.35	735.60	735.09	2.58	3.10	2.95	3.46
5	4	0.29	0.78	0.23	0.46	0.58	10.90	4.10	1.88	2.11	12	132	0.35	0.28%	2.7	0.8	735.79	735.32	739.35	740.10	734.99	734.52	3.20	4.41	3.56	4.78
4	3	0.11	0.66	0.07	0.53	0.69	11.70	3.94	2.11	3.54	15	40	0.30	0.11%	2.9	0.2	735.32	735.21	740.10	740.57	734.32	734.21	4.34	4.93	4.78	5.37
3	2	0.00	0.00	0.00	0.82	1.11	11.90	3.91	3.19	3.54	15	10	0.30	0.24%	2.9	0.1	735.11	735.08	740.57	739.61	734.11	734.08	5.03	4.10	5.47	4.54
2	1	0.00	0.00	0.00	0.82	1.11	12.00	3.89	3.19	3.54	15	25	0.30	0.24%	2.9	0.1	735.08	735.00	739.61	735.69	734.08	734.00	4.10	0.25	4.54	0.69
9	9A	0.09	0.17	0.02	0.02	0.09	10.00	4.28	0.07	0.56	6	42	1.00	0.01%	2.9	0.2	736.77	736.34	740.50	741.48	738.37	738.94	3.51	4.92	3.73	5.14
9A	8	0.00	0.00	0.00	0.02	0.09	10.20	4.24	0.07	0.56	6	45	1.00	0.01%	2.9	0.3	736.34	735.90	741.48	740.95	735.94	735.50	4.92	4.83	5.14	5.05
8	7	0.22	0.84	0.19	0.20	0.31	10.50	4.18	0.85	2.11	12	72	0.35	0.06%	2.7	0.4	735.73	735.47	740.95	740.20	734.93	734.67	4.86	4.36	5.22	4.73
7	3	0.10	0.76	0.08	0.28	0.42	10.90	4.10	1.15	2.11	12	105	0.35	0.10%	2.7	0.6	735.47	735.11	740.20	740.57	734.67	734.31	4.36	5.10	4.73	5.47

YARD DRAINS

9	24" DIA. RIM = 740.50 6" S 736.37
---	---

STORM STRUCTURES

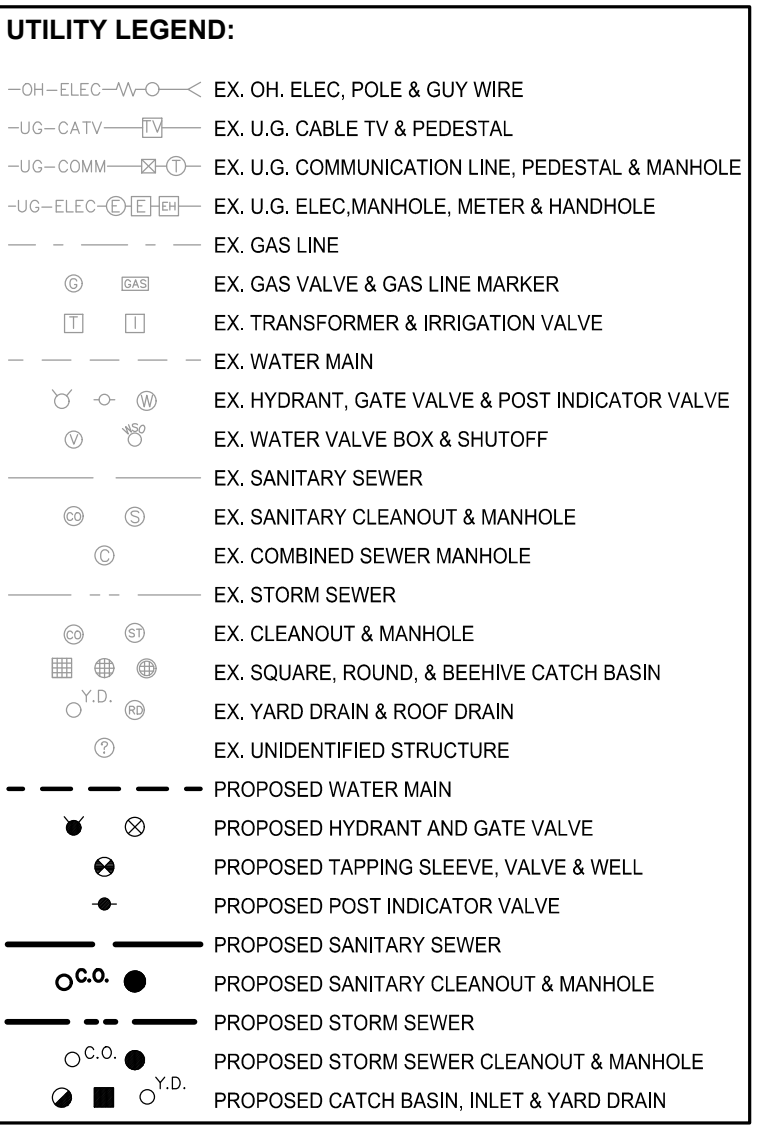
WQU	2	(4' DIA./7' SUMP) RIM = 739.61 15" NE 734.08 15" S 734.08
MH	3	(4' DIA./9' SUMP) RIM = 740.57 15" NW 734.21 12" SE 734.31 15" SW 734.11
CB	4	(4' DIA./2' SUMP) RIM = 740.10 12" N 734.52 15" SE 734.32
CB	5	(4' DIA./2' SUMP) RIM = 739.35 12" E 735.09 12" S 734.99
CB	6	(4' DIA./2' SUMP) RIM = 739.35 12" W 735.60
CB	7	(4' DIA./2' SUMP) RIM = 740.20 12" E 734.67 12" NW 734.67
CB	8	(4' DIA./2' SUMP) RIM = 740.95 6" N 735.50 6" E 735.50 12" W 734.93

DETENTION/ WATER QUALITY REQUIREMENTS:

EXISTING CONDITIONS:
SITE AREA = 48,013 S.F (1.10 ACRES)
IMPERVIOUS AREA = 46,967 S.F (1.08 ACRES)
PERVIOUS AREA = 1,046 S.F (0.02 ACRES)
"C" VALUE = 0.83

PROPOSED CONDITIONS:
SITE AREA = 48,013 S.F (1.10 ACRES)
IMPERVIOUS AREA = 40,393 S.F (0.93 ACRES)
PERVIOUS AREA = 7,620 S.F (0.17 ACRES)
"C" VALUE = 0.74

NOTE: THE STORM SYSTEM FOR THE EXISTING BOB EVANS RESTAURANT DRAINS TO THE EXISTING RETENTION BASIN LOCATED IN THE SOUTHWEST CORNER OF THE PROPERTY. THE PROPOSED CHICK-FIL-A REDUCES THE AMOUNT OF IMPERVIOUS AREA TRIBUTARY TO THE EXISTING RETENTION BASIN, THEREFORE NO ADDITIONAL DETENTION IS PROPOSED AT THIS TIME. WATER QUALITY UNIT IS PROPOSED DOWNSTREAM OF ALL CATCH BASINS TO MEET HENDRICKS COUNTY WATER QUALITY STANDARDS.

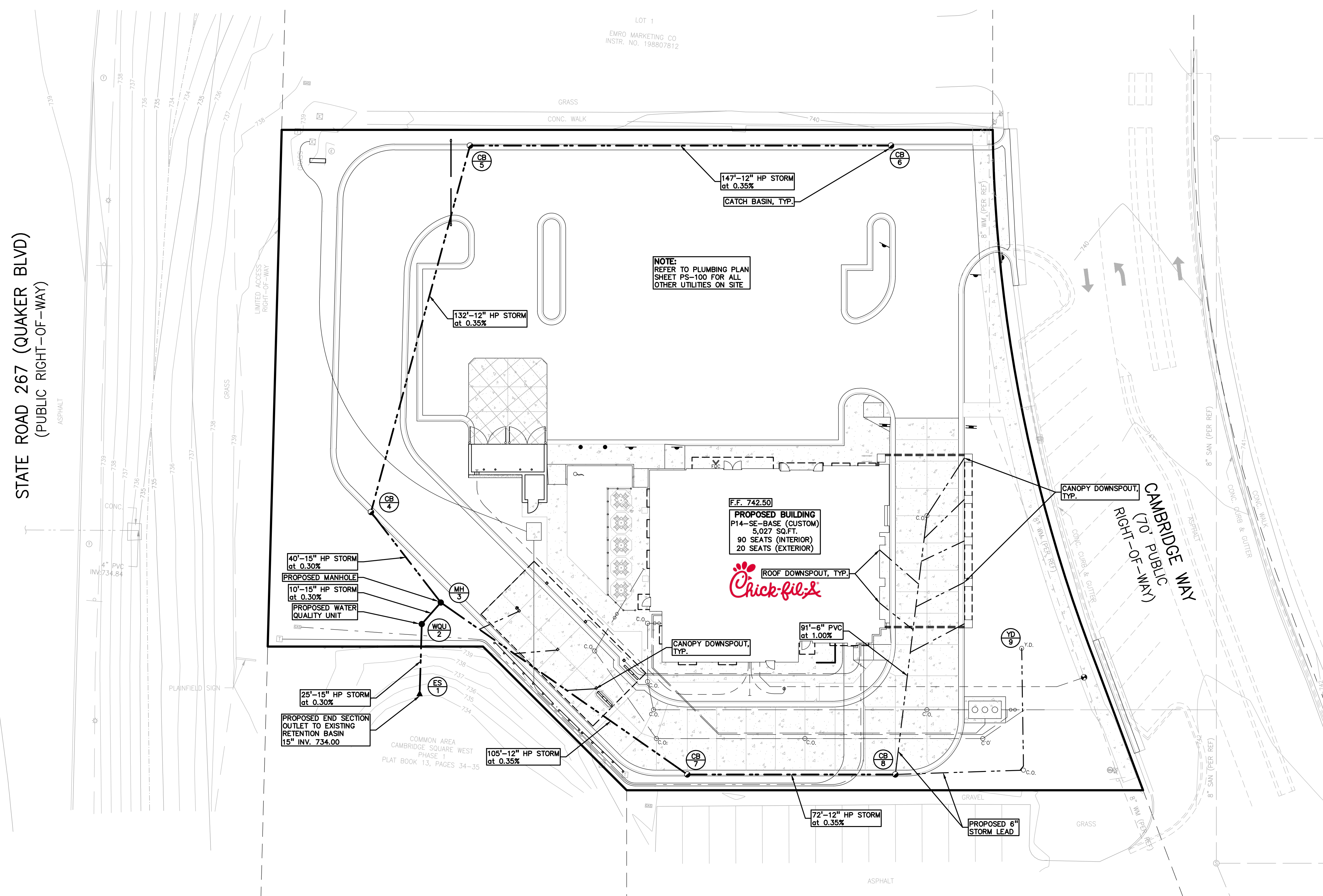


GENERAL UTILITY NOTES:

- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE TOWN OF PLAINFIELD AND HENDRICKS COUNTY
- ALL TRENCHES UNDER OR WITHIN THREE (3) FEET OR THE FORTY-FIVE (45) DEGREE ZONE OF INFLUENCE LINE OF EXISTING AND/OR PROPOSED PAVEMENT, BUILDING PAD OR DRIVE APPROACH SHALL BE BACKFILLED WITH SAND COMPACTED TO AT LEAST NINETY-FIVE (95) PERCENT OF MAXIMUM UNIT WEIGHT (ASTM D-1557). ALL OTHER TRENCHES TO BE COMPACTED TO 90% OR BETTER.
- WHERE EXISTING MANHOLES OR SEWER PIPE ARE TO BE TAPPED, DRILL HOLES 4" CENTER TO CENTER, AROUND PERIPHERY OF OPENING TO CREATE A PLANE OF WEAKNESS JOINT BEFORE BREAKING SECTION OUT.
- THE LOCATIONS AND DIMENSIONS SHOWN ON THE PLANS FOR EXISTING UTILITIES ARE IN ACCORDANCE WITH AVAILABLE INFORMATION WITHOUT UNCOVERING AND MEASURING. THE DESIGN ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THIS INFORMATION OR THAT ALL EXISTING UNDERGROUND FACILITIES ARE SHOWN. CONTRACTOR SHALL FIELD VERIFY UTILITIES.
- THE CONTRACTOR SHALL COORDINATE TO ENSURE ALL REQUIRED PIPES, CONDUITS, CABLES AND SLEEVES ARE PROPERLY PLACED FOR THE INSTALLATION OF GAS, ELECTRIC, PHONE, CABLE, IRRIGATION, ETC. IN SUCH A MANNER THAT WILL FACILITATE THEIR PROPER INSTALLATION PRIOR TO THE PLACEMENT OF THE PROPOSED PAVEMENT AND LANDSCAPING.
- PIPE LENGTHS INDICATED ARE FROM CENTER OF STRUCTURE AND TO END OF FLARED END SECTION UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL INSPECT ALL EXISTING PUBLIC STORM SEWER, SANITARY SEWER AND WATER MAIN STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION AND WITH THE GOVERNING AGENCY INSPECTOR PRIOR TO ESTABLISHING FINAL GRADE. NOTIFY THE ENGINEER, OWNER/DEVELOPER, AND GOVERNING AGENCY IF STRUCTURE IS DEEMED TO BE STRUCTURALLY UNSOUND AND/OR IN NEED OF REPAIR.

STORM SEWER NOTES:

- ALL STORM SEWER 12" DIAMETER OR LARGER SHALL BE HP STORM PIPE AND JOINED USING A BELL & SPIGOT JOINT (ASTM F2881). THE JOINTS SHALL BE WATERTIGHT PER (ASTM D3212). GASKETS SHALL MEET THE REQUIREMENTS OF (ASTM F477).
- ALL STORM SEWER LEADS SHALL BE CONSTRUCTED AT 1.00% MINIMUM SLOPE.
- ALL STORM SEWER 10" OR LESS AND/OR LEADS SHALL BE SDR 26.
- JOINTS FOR P.V.C. PIPE SHALL BE ELASTOMERIC (RUBBER GASKET) AS SPECIFIED IN A.S.T.M. DESIGNATION D-3212.



STATE ROAD 267 (QUAKER BLVD)
(PUBLIC RIGHT-OF-WAY)

LIMITED ACCESS RIGHT-OF-WAY

CAMBRIDGE WAY
(70' PUBLIC RIGHT-OF-WAY)

40'-15" HP STORM at 0.30%
PROPOSED MANHOLE
10'-15" HP STORM at 0.30%
PROPOSED WATER QUALITY UNIT

25'-15" HP STORM at 0.30%
PROPOSED END SECTION OUTLET TO EXISTING RETENTION BASIN
15" INV. 734.00

105'-12" HP STORM at 0.35%

F.F. 742.50
PROPOSED BUILDING
P14-SE-BASE (CUSTOM)
5,027 SQ.FT.
90 SEATS (INTERIOR)
20 SEATS (EXTERIOR)



91'-6" PVC at 1.00%

72'-12" HP STORM at 0.35%

PROPOSED 6" STORM LEAD

NOTE:
REFER TO PLUMBING PLAN SHEET PS-100 FOR ALL OTHER UTILITIES ON SITE

147'-12" HP STORM at 0.35%
CATCH BASIN, TYP.

132'-12" HP STORM at 0.35%

LOT 1
EMRO MARKETING CO.
INSTR. NO. 198907812

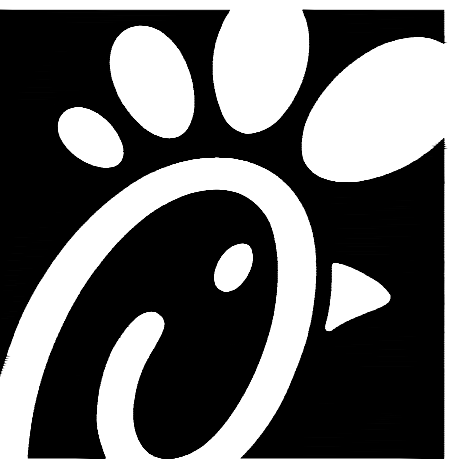
GRASS
CONC. WALK

COMMON AREA
CAMBRIDGE SQUARE WEST
PHASE 1
PLAT BOOK 13, PAGES 34-35

4" PVC
INV. 734.84

PLAINFIELD SIGN

ASPHALT

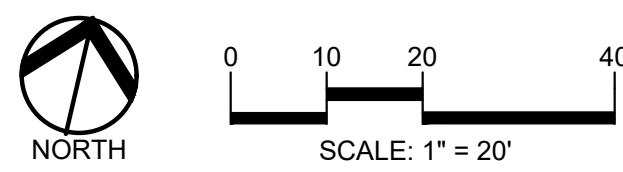


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CHICK-FIL-A
PLAINFIELD
6102 CAMBRIDGE WAY
PLAINFIELD, IN 46168

FSR#05219

BUILDING TYPE / SIZE: P14-SE-BASE
RELEASE: 06.25

REVISION SCHEDULE		
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT #	22-1054
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SHEET
EROSION
CONTROL PLAN

SHEET NUMBER

C-304

SOIL EROSION MAINTENANCE SCHEDULE AND NOTES:

THE CONTRACTOR SHALL INSPECT THE SOIL EROSION AND SEDIMENTATION CONTROL DEVICES ONCE EACH WEEK AND/OR WITHIN 24 HOURS OF A RAINFALL EVENT WHICH RESULTS IN A STORM WATER DISCHARGE FROM THE SITE. THE FOLLOWING STEPS SHALL BE IMPLEMENTED IF ANY DAMAGE HAS OCCURRED.

1. ANY DEBRIS OR DIRT ON ANY PAVED AREA RESULTING FROM CONSTRUCTION TRAFFIC SHALL BE CLEANED IN A PROMPT MANNER BY THE CONTRACTOR. THE CONSTRUCTION DRIVE SHALL BE CLEANED AT THE END OF EACH DAY.
2. ALL DIRT AND MUD TRACKED ONTO PAVED AREAS SHALL BE REMOVED DAILY BY SCRAPING. STREET SWEEPING IS REQUIRED WEEKLY.
3. SILT FENCE MAINTENANCE SHALL INCLUDE THE REMOVAL OF ANY BUILT UP SEDIMENT WHEN THE SEDIMENT HEIGHT ACCUMULATES TO 1/3 TO 1/2 OF THE HEIGHT OF THE FENCE. THE CONTRACTOR IS RESPONSIBLE TO REMOVE, REPLACE, RETRENCH OR REBACKFILL THE SILTATION FENCE SHOULD IT FALL OR BE DAMAGED DURING CONSTRUCTION.
4. INLET FILTER MAINTENANCE SHALL INCLUDE THE REMOVAL OF ANY ACCUMULATED SILT OR OTHER DEBRIS. THE REMOVAL OF SILT SHOULD BE WITH THE USE OF A STIFF BRISTLE BROOM OR SQUARE POINT SHOVEL. IF INLET FILTERS CAN NOT BE CLEANED OR ARE DAMAGED, THEN THE FABRIC MUST BE REPLACED.
5. A WATER TRUCK SHALL BE AVAILABLE TO WATER DOWN THE SITE ON A DAILY BASIS AS REQUIRED TO MAINTAIN DUST CONTROL.

SEQUENCE OF CONSTRUCTION:

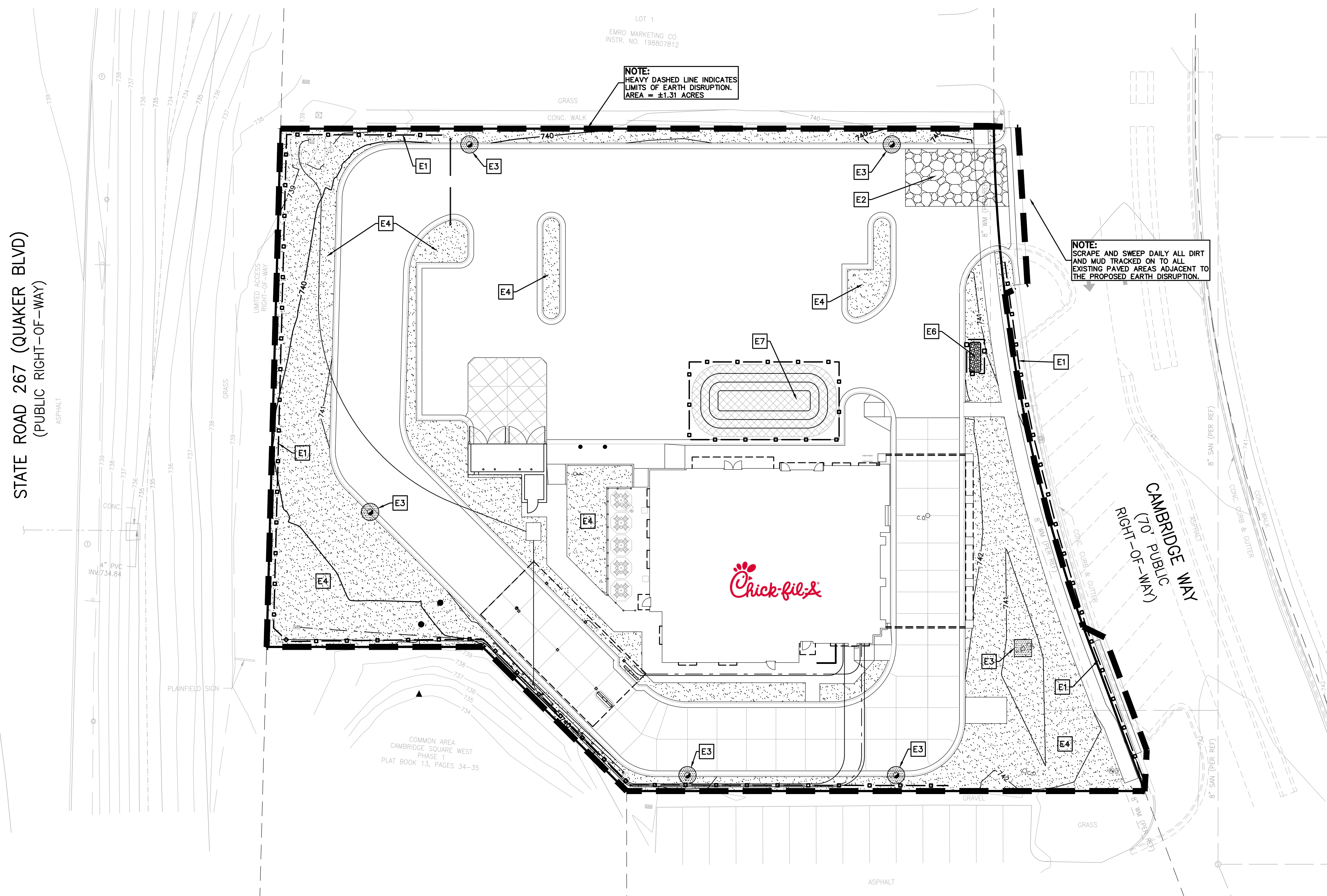
START DAY	END DAY	DESCRIPTION
1	90	INSTALL CRUSHED CONCRETE ACCESS APPROACH AT SITE ROAD APPROACH.
1	90	INSTALL TEMPORARY SOIL EROSION CONTROL MEASURES, SILT FENCES, INLET PROTECTION, ETC. AS NECESSARY.
1	120	MAINTAIN A 25' BUFFER OF VEGETATION AROUND PERIMETER OF SITE WHERE POSSIBLE.
1	15	REMOVE ALL VEGETATION, TREES AND BRUSH FROM THE PROPOSED CONSTRUCTION AREA UNLESS MARKED TO REMAIN. STRIP AND STOCKPILE TOPSOIL AS REQUIRED. ALL STOCKPILES MUST BE GRADED AND SEDED.
5	14	REMOVE ALL PAVEMENT, CURB, UTILITIES, ETC. AS REQUIRED TO INSTALL THE PROPOSED WORK AS SHOWN ON THE TOPOGRAPHIC SURVEY AND DEMOLITION PLAN.
5	14	DISPOSE OF ALL EXCESS/UNSUITABLE MATERIALS OFF SITE IN A LEGAL MANNER. NO ON-SITE BURN OR BURY PITS ALLOWED.
14	28	ROUGH GRADE SITE. SEED AND MULCH BLANKETS MUST BE INSTALLED AS SHOWN WITHIN 5 DAYS OF FINAL GRADE. REPAIR AND/OR RE-INSTALL ANY TEMPORARY SOIL EROSION CONTROL MEASURES THAT WERE DAMAGED DURING GRADING OPERATIONS.
28	60	INSTALL SITE UTILITIES (STORM SEWER, SANITARY SEWER, WATER MAIN ETC.). INSTALL INLET PROTECTION AT ALL PROPOSED CATCH BASINS.
28	90	TEMPORARY SEEDING MUST BE PROVIDED IN AREAS NOT TO BE WORKED ON FOR 15 DAYS OR LONGER.
30	80	BEGIN CONSTRUCTION OF BUILDING.
70	80	FINE GRADE SITE AND PREPARE FOR SITE PAVING OPERATIONS.
80	110	INSTALL ALL PAVEMENT, SIDEWALKS, CURBING AS PROPOSED. IF PERMANENT LANDSCAPING IS NOT TO BE INSTALLED SOON AFTER PAVING IS COMPLETE, ALL AREAS WITHIN 20 FEET OF BACK OF CURB MUST BE TEMPORARILY SEEDED, REPAIR INLET PROTECTION, SILT FENCE AND ANY OTHER DAMAGED SOIL EROSION CONTROL MEASURES AS NECESSARY.
85	119	FINAL GRADE, REDISTRIBUTE STOCKPILED TOPSOIL, ESTABLISH VEGETATION AND INSTALL ALL PERMANENT LANDSCAPING IN ALL DISTURBED AREAS NOT BUILT.
118	120	CLEAN PAVEMENT AND REMOVE ALL TEMPORARY SOIL EROSION CONTROL MEASURES. RE-ESTABLISH VEGETATION AS REQUIRED.
120	120	REMOVE SEDIMENTATION CONTROLS ONCE ENTIRE SITE HAS BEEN PERMANENTLY STABILIZED.

SYMBOLS: EROSION CONTROL

- □ — SILT FENCE
- STORM SEWER INLET FILTER
- ▣ RYCB INLET FILTER
- ▨ TEMPORARY CONSTRUCTION ACCESS DRIVE
- ▨ EROSION CONTROL BLANKETS
- ▨ APPROXIMATE TEMPORARY SEEDING LOCATIONS

KEY NOTES:

- E1 SILT FENCE, TYP.
- E2 TEMPORARY 22'X50' STONE ACCESS DRIVE
- E3 SILT SACK, TYP.
- E4 TEMPORARY SEEDING LOCATION, TYP.
- E5 TEMPORARY MULCH BLANKETS
- E6 CONCRETE WASHOUT AREA
- E7 TEMPORARY SOIL STOCKPILE LOCATION



BENCHMARK INFORMATION

ORIGINATING BENCHMARK
L-61 (PID: KA0040)
1.2 MILES SOUTHEAST FROM PLAINFIELD
ABOUT 1.2 MILES ALONG STATE HIGHWAY 267 FROM ITS JUNCTION WITH U.S. HIGHWAY 40 AT PLAINFIELD, AT A CROSS ROAD, 45 FEET WEST OF AND ABOUT LEVEL WITH THE CENTER LINE OF THE HIGHWAY, 26 FEET NORTH OF THE CENTER LINE OF THE ENTRANCE TO THE EDWARD CUMMINGS FARM, 14 FEET NORTHWEST OF THE NORTH END OF A 12-INCH CORRUGATED PIPE CULVERT, 7 FEET WEST OF TELEPHONE POLE NO. 36-H 62, 4 FEET WEST OF A CONCRETE FENCE CORNER POST, AND 2 FEET EAST OF A WHITE WOODEN WITNESS POST. A STANDARD DISK, STAMPED L 61 1946 AND SET IN THE TOP OF A CONCRETE POST PROJECTING 8 INCHES ABOVE GROUND.
ELEV: 715.41 (NAVD 88)

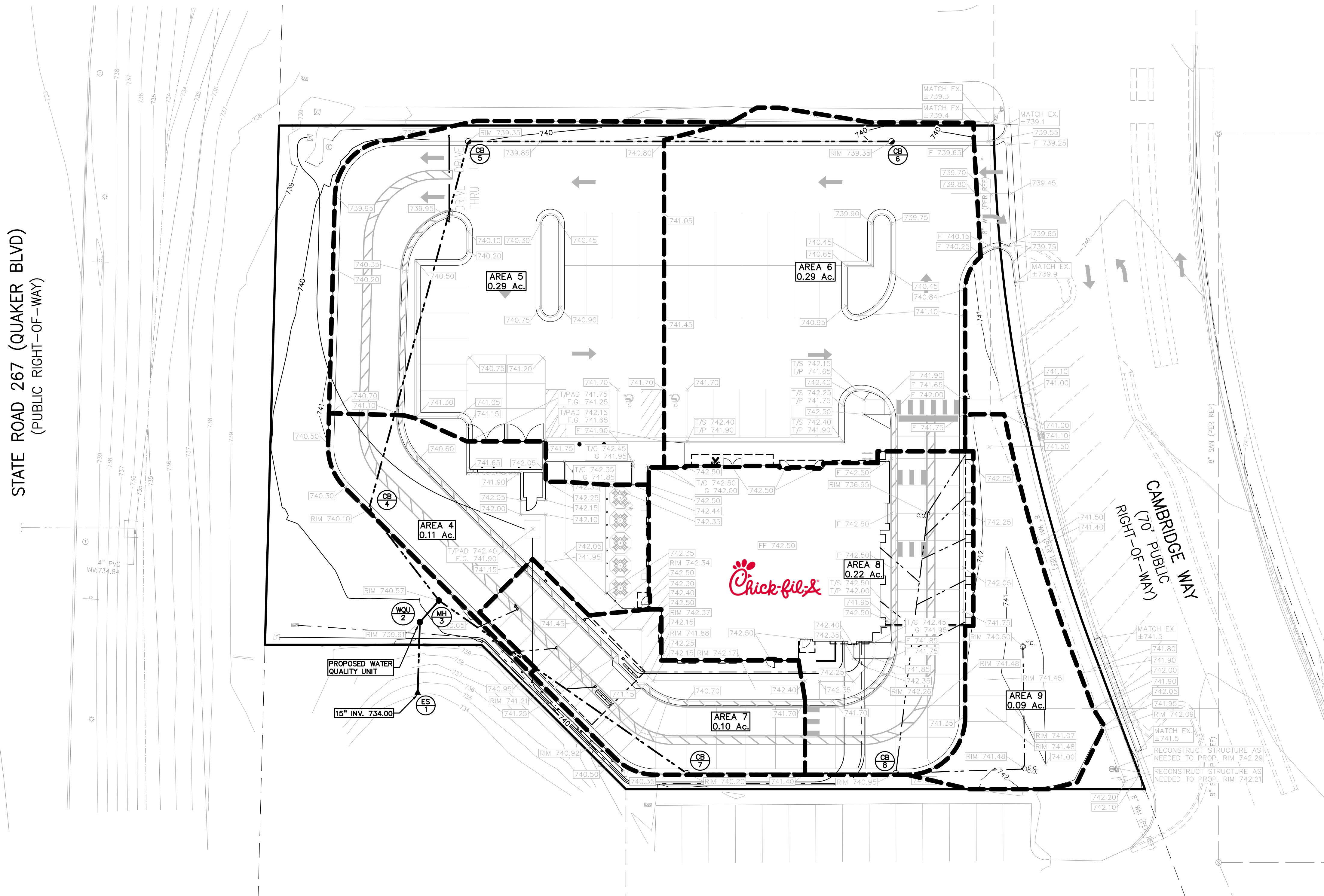
LAND DESCRIPTION

LOT NUMBERED TWO (2) IN CAMBRIDGE SQUARE WEST, PHASE 1, A SUBDIVISION IN THE TOWN OF PLAINFIELD, HENDRICKS COUNTY, INDIANA, AS PER PLAT THEREOF AS RECORDED MARCH 4, 1988 IN PLAT BOOK 15, PAGES 34-35 AND SURVEYOR'S CERTIFICATE OF ERROR RECORDED MARCH 22, 1988 AS BOOK 114, PAGE 66 IN THE OFFICE OF THE RECORDER OF HENDRICKS COUNTY, INDIANA.

STORM SEWER SYSTEM DESIGN

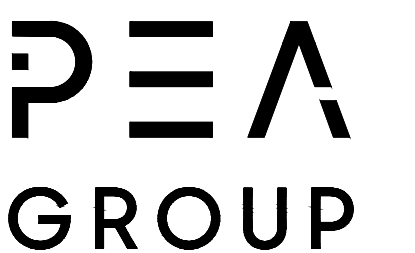
$I = B / (T + D) \wedge E$ $B = 85.60$ $D = 10.00$ $E = 1.00$
 $C = \text{varies}$
 $T = 10 \text{ (min.)}$ Pipe "n" Value = 0.013

FROM STR	TO STR	AREA (A) (Acres)	COEF. C	A x C	TOTAL AREA (AxC) (Acres)	TOTAL AREA (Acres)	TIME t (min.)	INT. I (in/hr)	FLOW Q (cfs)	PIPE CAP. (cfs)	PIPE DIA. (in.)	PIPE LENGTH (ft.)	PIPE SLOPE (%)	MIN HG PER "Q" (ft.)	VEL. FULL (ft./sec)	TIME FLOW (min.)	H.G.L. ELEV.		RIM ELEV.		INVERT ELEV.		PIPE COVER		HGL COVER	
																	UP STREAM	DOWN STREAM	UP STREAM	DOWN STREAM	UP STREAM	DOWN STREAM	UP STREAM	DOWN STREAM	UP STREAM	DOWN STREAM
6	5	0.29	0.81	0.23	0.29	10.00	4.28	0.99	2.11	12	147	0.35	0.08%	2.7	0.9	736.40	735.99	739.35	739.35	735.60	735.09	2.58	3.10	2.95	3.46	
5	4	0.29	0.78	0.23	0.46	0.58	10.90	4.10	1.88	12	132	0.35	0.28%	2.7	0.8	735.79	735.32	739.35	740.10	734.99	734.52	3.20	4.41	3.56	4.78	
4	3	0.11	0.66	0.07	0.53	0.69	11.70	3.94	2.11	15	40	0.30	0.11%	2.9	0.2	735.32	735.21	740.10	740.57	734.32	734.21	4.34	4.93	4.78	5.37	
3	2	0.00	0.00	0.00	0.82	1.11	11.90	3.91	3.19	15	10	0.30	0.24%	2.9	0.1	735.11	735.08	740.57	739.61	734.11	734.08	5.03	4.10	5.47	4.54	
2	1	0.00	0.00	0.00	0.82	1.11	12.00	3.89	3.19	15	25	0.30	0.24%	2.9	0.1	735.08	735.00	739.61	739.61	734.08	734.00	4.10	0.25	4.54	0.69	
9	9A	0.09	0.17	0.02	0.02	0.09	10.00	4.28	0.07	0.56	6	42	1.00	0.01%	2.9	0.2	736.77	736.34	740.50	741.48	736.37	735.94	3.51	4.92	3.73	5.14
9A	8	0.00	0.00	0.00	0.02	0.09	10.20	4.24	0.07	0.56	6	45	1.00	0.01%	2.9	0.3	736.34	735.90	741.48	740.95	735.94	735.50	4.92	4.83	5.14	5.05
8	7	0.22	0.84	0.19	0.20	0.31	10.50	4.18	0.85	2.11	12	72	0.35	0.06%	2.7	0.4	735.73	735.47	740.95	740.20	734.93	734.67	4.86	4.36	5.22	4.73
7	3	0.10	0.76	0.08	0.28	0.42	10.90	4.10	1.15	2.11	12	105	0.35	0.10%	2.7	0.6	735.47	735.11	740.20	740.57	734.67	734.31	4.36	5.10	4.73	5.47

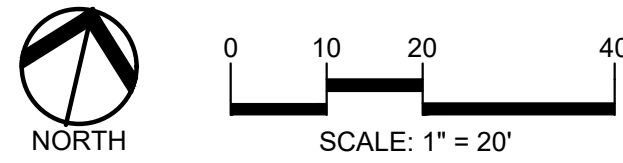


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 CONSTRUCTION

CHICK-FIL-A
PLAINFIELD
 6102 CAMBRIDGE WAY
 PLAINFIELD, IN 46168

FSR#05219

BUILDING TYPE / SIZE: P14-SE-BASE
 RELEASE: 06.25

REVISION SCHEDULE

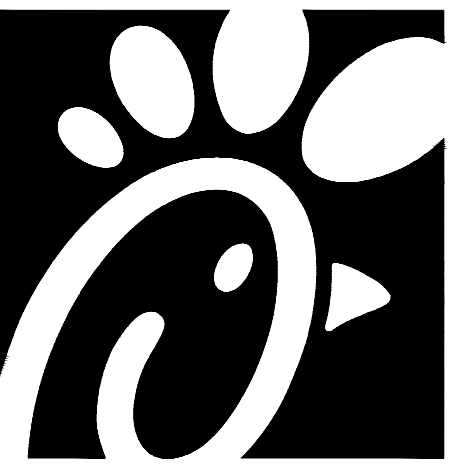
NO.	DATE	DESCRIPTION

CONSULTANT PROJECT # 22-1054
 PRINTED FOR SPA
 DATE 9/15/2025
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SHEET
 DRAINAGE MAP

SHEET NUMBER
C-306

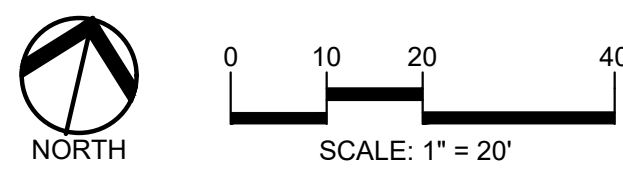


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CHICK-FIL-A
PLAINFIELD
6102 CAMBRIDGE WAY
PLAINFIELD, IN 46168

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BUILDING TYPE / SIZE: P14-SE-BASE
RELEASE: 06.25

REVISION SCHEDULE
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DRAWN BY BV

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SHEET
PRELIMINARY PLUMBING PLAN
SHEET NUMBER

PS-100

UTILITY LEGEND:

—OH-ELEC-W-O—	EX. OH. ELEC. POLE & GUY WIRE
—UG-CATV—	EX. U.G. CABLE TV & PEDESTAL
—UG-COMM—	EX. U.G. COMMUNICATION LINE, PEDESTAL & MANHOLE
—UG-ELEC—	EX. U.G. ELEC. MANHOLE, METER & HANDHOLE
---	EX. GAS LINE
○	EX. GAS VALVE & GAS LINE MARKER
□	EX. TRANSFORMER & IRRIGATION VALVE
---	EX. WATER MAIN
○	EX. HYDRANT, GATE VALVE & POST INDICATOR VALVE
○	EX. WATER VALVE BOX & SHUTOFF
---	EX. SANITARY SEWER
○	EX. SANITARY CLEANOUT & MANHOLE
○	EX. COMBINED SEWER MANHOLE
---	EX. STORM SEWER
○	EX. CLEANOUT & MANHOLE
○	EX. SQUARE, ROUND, & BEEHIVE CATCH BASIN
○	EX. YARD DRAIN & ROOF DRAIN
○	EX. UNIDENTIFIED STRUCTURE
---	PROPOSED WATER MAIN
○	PROPOSED HYDRANT AND GATE VALVE
○	PROPOSED TAPPING SLEEVE, VALVE & WELL
○	PROPOSED POST INDICATOR VALVE
○	PROPOSED SANITARY SEWER
○	PROPOSED SANITARY CLEANOUT & MANHOLE
---	PROPOSED STORM SEWER
○	PROPOSED STORM SEWER CLEANOUT & MANHOLE
○	PROPOSED CATCH BASIN, INLET & YARD DRAIN

GENERAL UTILITY NOTES:

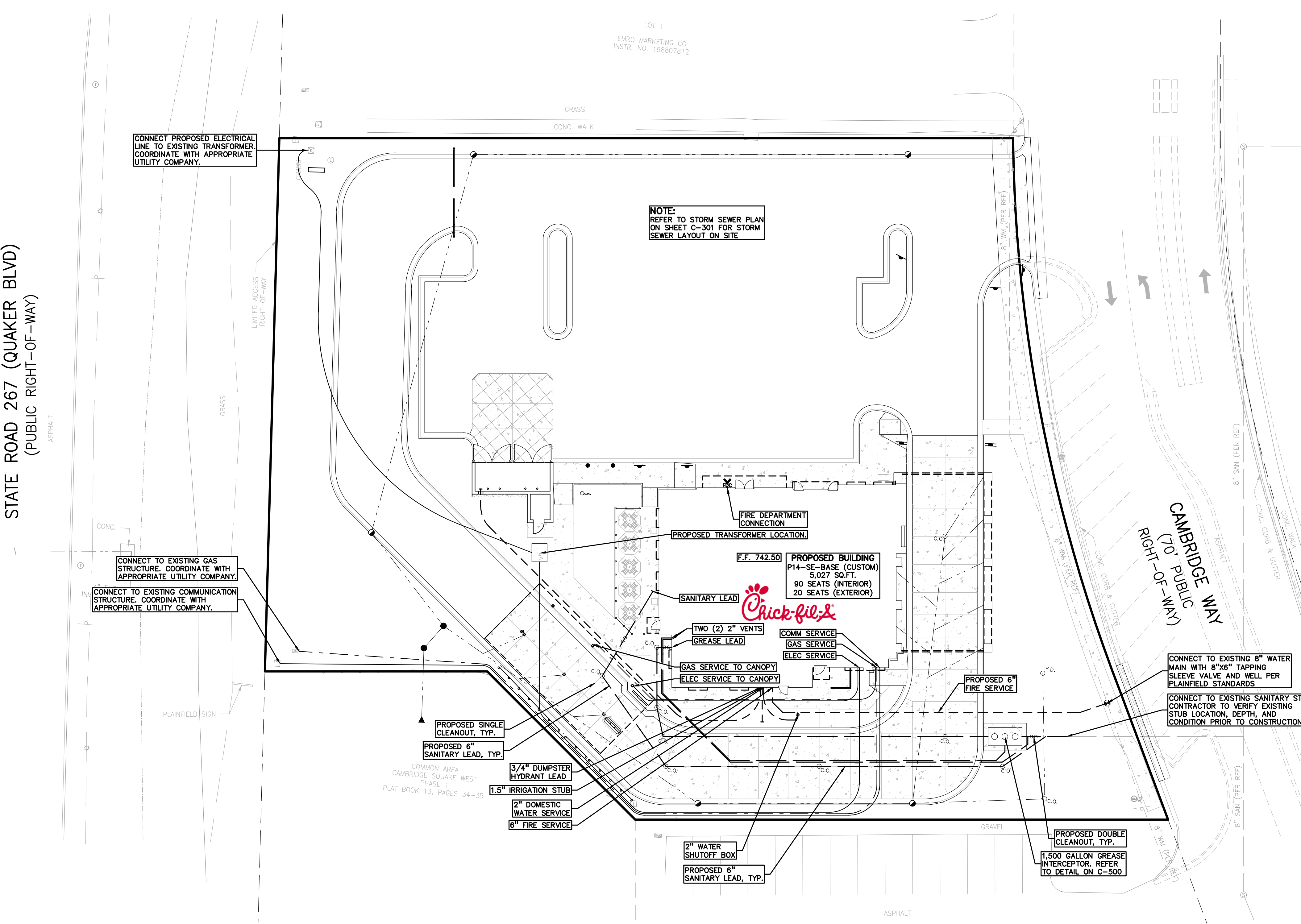
1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE TOWN OF PLAINFIELD AND HENDRICKS COUNTY
2. ALL TRENCHES UNDER OR WITHIN THREE (3) FEET OR THE FORTY-FIVE (45) DEGREE ZONE OF INFLUENCE LINE OF EXISTING AND/OR PROPOSED PAVEMENT, BUILDING PAD OR DRIVE APPROACH SHALL BE BACKFILLED WITH SAND COMPACTED TO AT LEAST NINETY-FIVE (95) PERCENT OF MAXIMUM UNIT WEIGHT (ASTM D-1557). ALL OTHER TRENCHES TO BE COMPACTED TO 90% OR BETTER.
3. WHERE EXISTING MANHOLES OR SEWER PIPE ARE TO BE TAPPED, DRILL HOLES 4" CENTER TO CENTER, AROUND PERIPHERY OF OPENING TO CREATE A PLANE OF WEAKNESS JOINT BEFORE BREAKING SECTION OUT.
4. THE LOCATIONS AND DIMENSIONS SHOWN ON THE PLANS FOR EXISTING UTILITIES ARE IN ACCORDANCE WITH AVAILABLE INFORMATION WITHOUT UNCOVERING AND MEASURING. THE DESIGN ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THIS INFORMATION OR THAT ALL EXISTING UNDERGROUND FACILITIES ARE SHOWN. CONTRACTOR SHALL FIELD VERIFY UTILITIES.
5. THE CONTRACTOR SHALL COORDINATE TO ENSURE ALL REQUIRED PIPES, CONDUITS, CABLES AND SLEEVES ARE PROPERLY PLACED FOR THE INSTALLATION OF GAS, ELECTRIC, PHONE, CABLE, IRRIGATION, ETC. IN SUCH A MANNER THAT WILL FACILITATE THEIR PROPER INSTALLATION PRIOR TO THE PLACEMENT OF THE PROPOSED PAVEMENT AND LANDSCAPING.
6. PIPE LENGTHS INDICATED ARE FROM CENTER OF STRUCTURE AND TO END OF FLARED END SECTION UNLESS NOTED OTHERWISE.
7. CONTRACTOR SHALL INSPECT ALL EXISTING PUBLIC STORM SEWER, SANITARY SEWER AND WATER MAIN STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION AND WITH THE GOVERNING AGENCY INSPECTOR PRIOR TO ESTABLISHING FINAL GRADE. NOTIFY THE ENGINEER, OWNER/DEVELOPER, AND GOVERNING AGENCY IF STRUCTURE IS DEEMED TO BE STRUCTURALLY UNSOUND AND/OR IN NEED OF REPAIR.

WATER MAIN NOTES:

1. ALL WATER MAIN SHALL BE INSTALLED WITH A MINIMUM COVER OF 6.0' BELOW FINISH GRADE. WHEN WATER MAINS MUST DIP TO PASS UNDER A STORM SEWER OR SANITARY SEWER, THE SECTIONS WHICH ARE DEEPER THAN NORMAL SHALL BE KEPT TO A MINIMUM LENGTH BY THE USE OF VERTICAL TWENTY TWO AND A HALF (22.5°) DEGREE BENDS, PROPERLY ANCHORED.
2. ALL TEES, BENDS, CONNECTIONS, ETC. ARE CONSIDERED INCIDENTAL TO THE JOB.
3. PHYSICAL CONNECTIONS SHALL NOT BE MADE BETWEEN EXISTING AND NEW WATER MAINS UNTIL REQUIRED TESTING IS SATISFACTORILY COMPLETED.
4. MAINTAIN 10' HORIZONTAL CLEARANCE BETWEEN OUTER EDGE OF WATERMAIN AND ANY SANITARY/STORM SEWER OR STRUCTURE.
5. NO PHYSICAL CONNECTION TO THE EXISTING WATER MAIN CAN BE MADE UNTIL ALL NEW WATER MAIN PASSES PRESSURE AND BACTERIOLOGICAL TESTS TO THE SATISFACTION OF HENDRICKS COUNTY.
6. ALL WATER MAIN AND FITTINGS (3" DIAMETER AND LARGER) SHALL BE DUCTILE IRON, CLASS 54.
7. WATER MAIN SERVICE LEADS SHALL BE TYPE 'K' ANNEALED SEAMLESS COPPER WITH FLARED FITTINGS, UNLESS OTHERWISE NOTED.
8. ALL NECESSARY FITTINGS, THRUST BLOCKS, RESTRAINING GLANDS, BLOW OFFS, ETC. FOR WATER MAIN ARE CONSIDERED INCIDENTAL TO THIS PROJECT. THE CONTRACTOR SHALL INSTALL THESE ITEMS AS NECESSARY AND AS REQUIRED BY HENDRICKS COUNTY.
9. UNLESS NOTED SPECIFICALLY OTHERWISE ON THE PLANS, THE DESIGN INTENT IS TO HAVE THE WATER MAIN CONSTRUCTED WITH THIS PROJECT BE INSTALLED VIA OPEN CUT TRENCH BY THE CONTRACTOR. IF THE CONTRACTOR CHOOSES A DIFFERENT METHOD OF CONSTRUCTION, OTHER THAN WHAT IS SHOWN ON THE APPROVED PLANS UPON WHICH THE PERMIT WAS GRANTED, THE CONTRACTOR WILL BE RESPONSIBLE TO CONTACT THE REGULATORY AGENCIES TO REVISE THE APPROVED PERMIT.
10. ALL PIPES, PROTECTIVE MATERIALS, JOINING AND SEALING MATERIALS, AND MECHANICAL DEVICES USED IN THE WATERMAIN CONSTRUCTION SHALL COMPLY WITH THE CURRENT NSF/ANSI 61 STANDARDS FOR DRINKING WATER SYSTEM COMPONENTS.
11. THE WATER MAIN CONTRACTOR SHALL NOTIFY THE INSPECTION DEPARTMENT OF HENDRICKS COUNTY AT LEAST THREE WORKING DAYS IN ADVANCE OF STARTING CONSTRUCTION.

SANITARY SEWER NOTES:

1. DOWNSPOUTS, WEEP TILE, FOOTING DRAINS OR ANY CONDUIT THAT CARRIES STORM OR GROUND WATER SHALL NOT BE ALLOWED TO DISCHARGE INTO A SANITARY SEWER.
2. ALL SANITARY LEADS SHALL BE CONSTRUCTED AT 1.00% MINIMUM SLOPE.
3. ALL SANITARY SEWER LEADS SHALL BE POLYVINYL CHLORIDE (PVC) SDR 23.5 PIPE AND FITTINGS. ALL JOINTS TO BE ELASTOMERIC GASKET JOINTS PER ASTM D3212 UNLESS OTHERWISE NOTED.
4. SANITARY LEADS SHALL BE PROVIDED WITH CLEANOUTS EVERY 100 FEET AND AT EVERY BEND AS SHOWN. ALL CLEANOUTS TO BE PROVIDED WITH E.I.W. #1565 BOX OR EQUAL.



CONNECT PROPOSED ELECTRICAL LINE TO EXISTING TRANSFORMER. COORDINATE WITH APPROPRIATE UTILITY COMPANY.

NOTE: REFER TO STORM SEWER PLAN ON SHEET C-301 FOR STORM SEWER LAYOUT ON SITE.

CONNECT TO EXISTING GAS STRUCTURE. COORDINATE WITH APPROPRIATE UTILITY COMPANY.

CONNECT TO EXISTING COMMUNICATION STRUCTURE. COORDINATE WITH APPROPRIATE UTILITY COMPANY.

CONNECT TO EXISTING 8" WATER MAIN WITH 8"x6" TAPPING SLEEVE VALVE AND WELL PER PLAINFIELD STANDARDS

CONNECT TO EXISTING SANITARY STUB. CONTRACTOR TO VERIFY EXISTING STUB LOCATION, DEPTH, AND CONDITION PRIOR TO CONSTRUCTION

PROPOSED 6" FIRE SERVICE

PROPOSED DOUBLE CLEANOUT, TYP.

1,500 GALLON GREASE INTERCEPTOR. REFER TO DETAIL ON C-500

2" WATER SHUTOFF BOX
PROPOSED 6" SANITARY LEAD, TYP.

PROPOSED SINGLE CLEANOUT, TYP.

PROPOSED 6" SANITARY LEAD, TYP.

3/4" DUMPSTER HYDRANT LEAD

1.5" IRRIGATION STUB

2" DOMESTIC WATER SERVICE

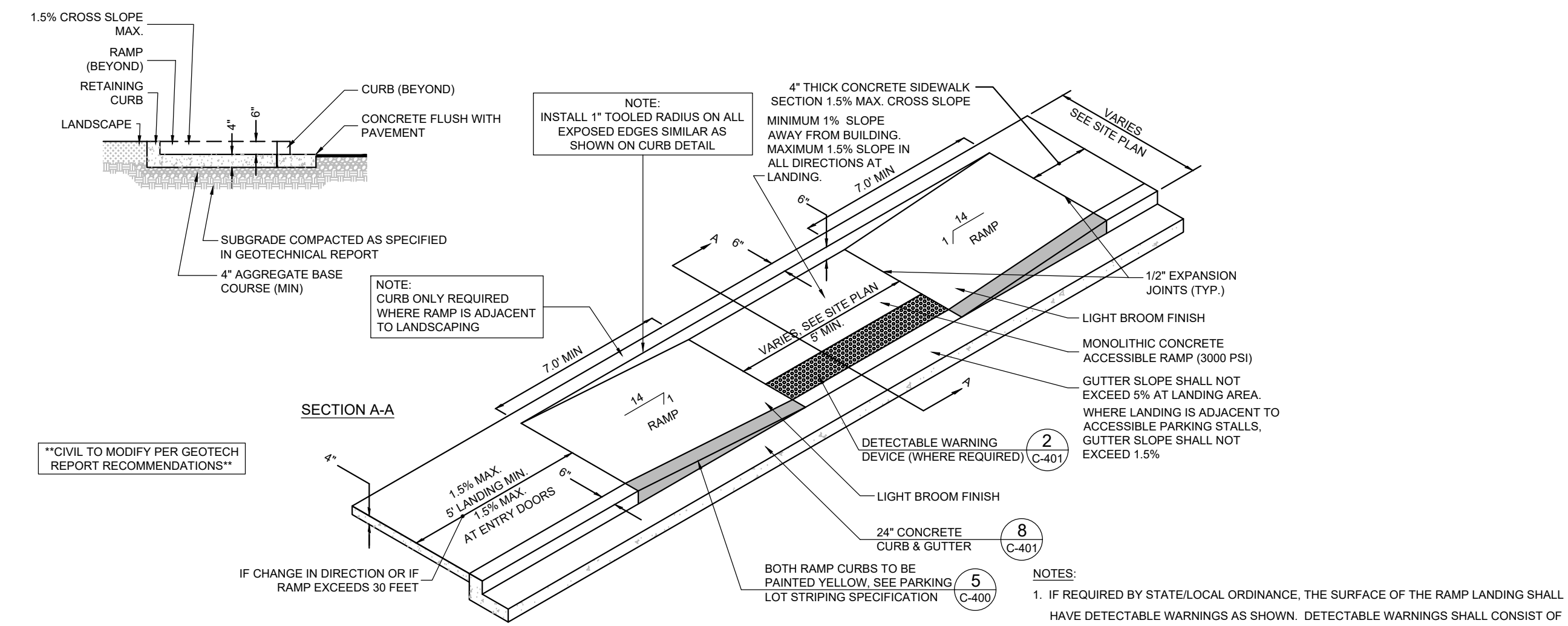
6" FIRE SERVICE

COMMON AREA CAMBRIDGE SQUARE WEST PHASE 1 PLAT BOOK 13, PAGES 34-35

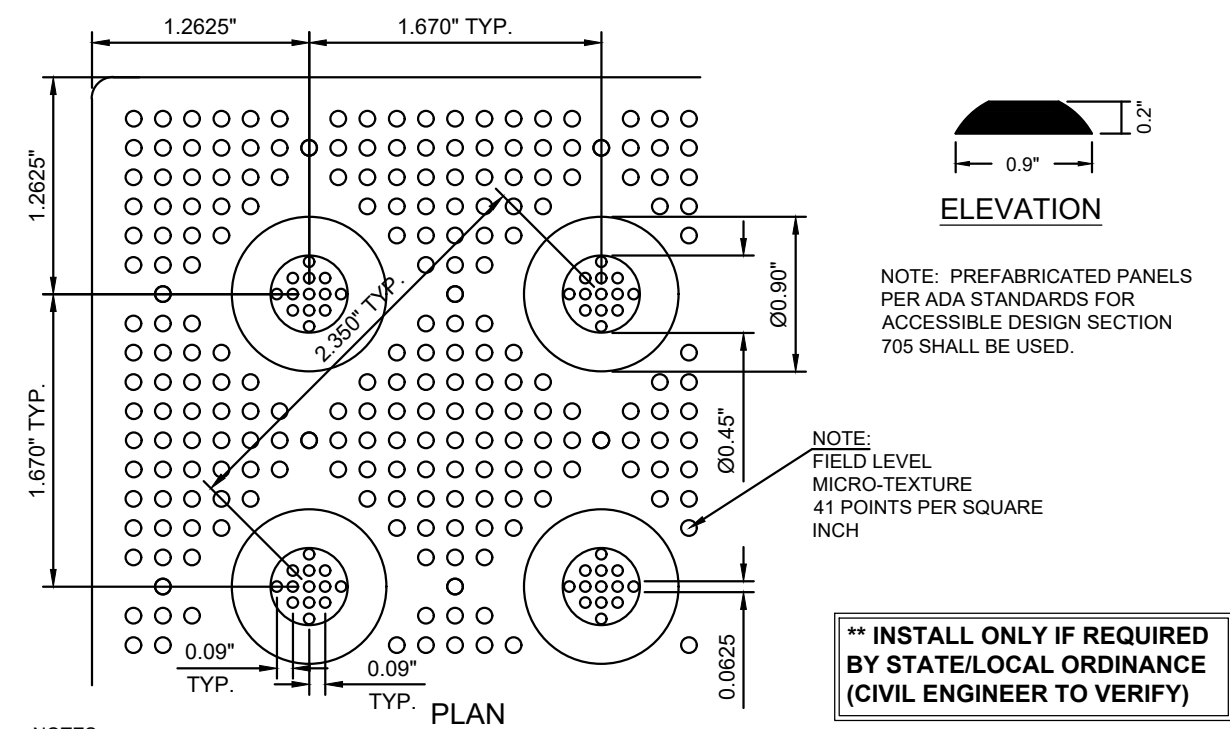
STATE ROAD 267 (QUAKER BLVD)
(PUBLIC RIGHT-OF-WAY)

CAMBRIDGE WAY
RIGHT-OF-WAY

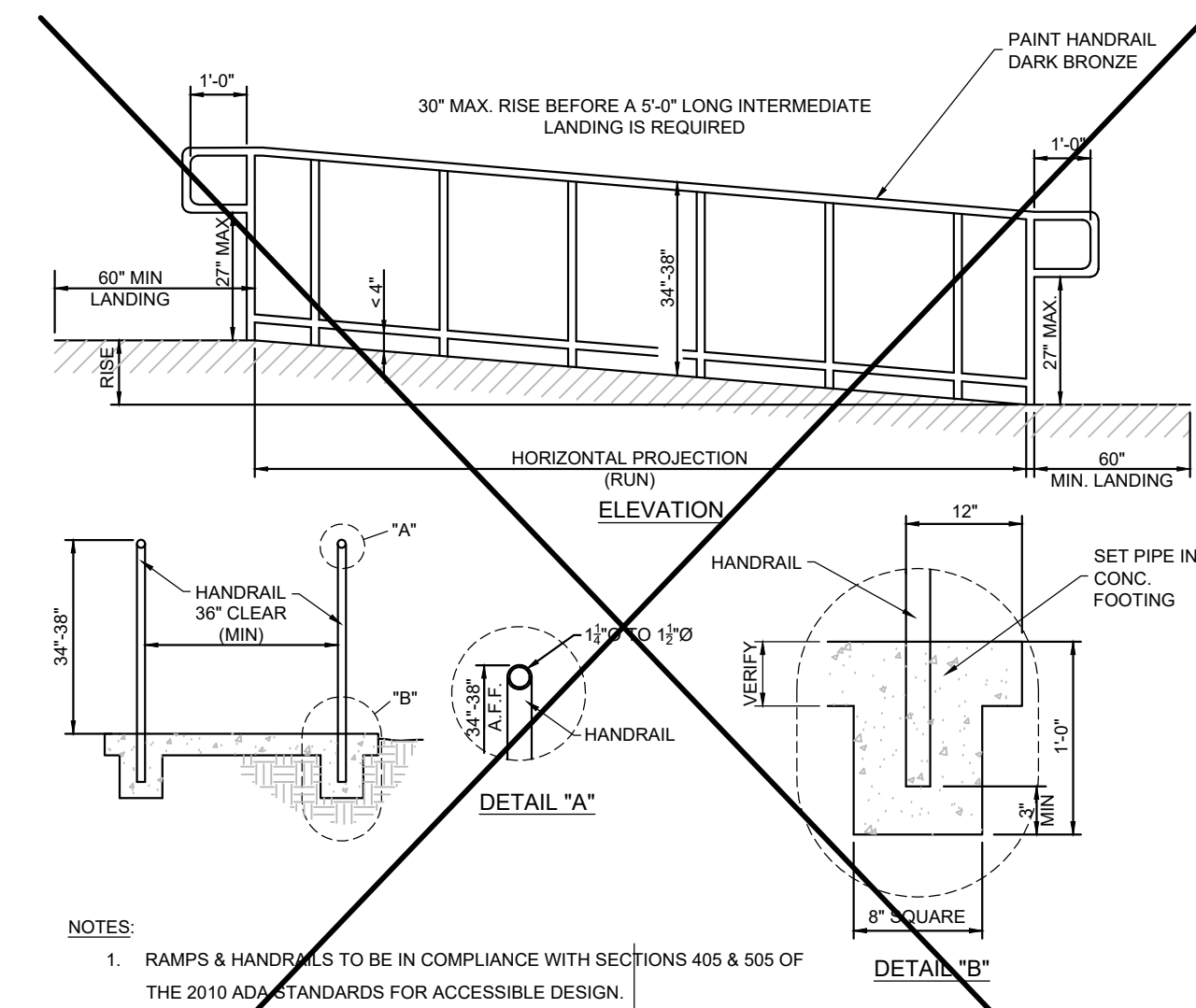
LOT 1
EMRO MARKETING CO
INSTR. NO. 198907812



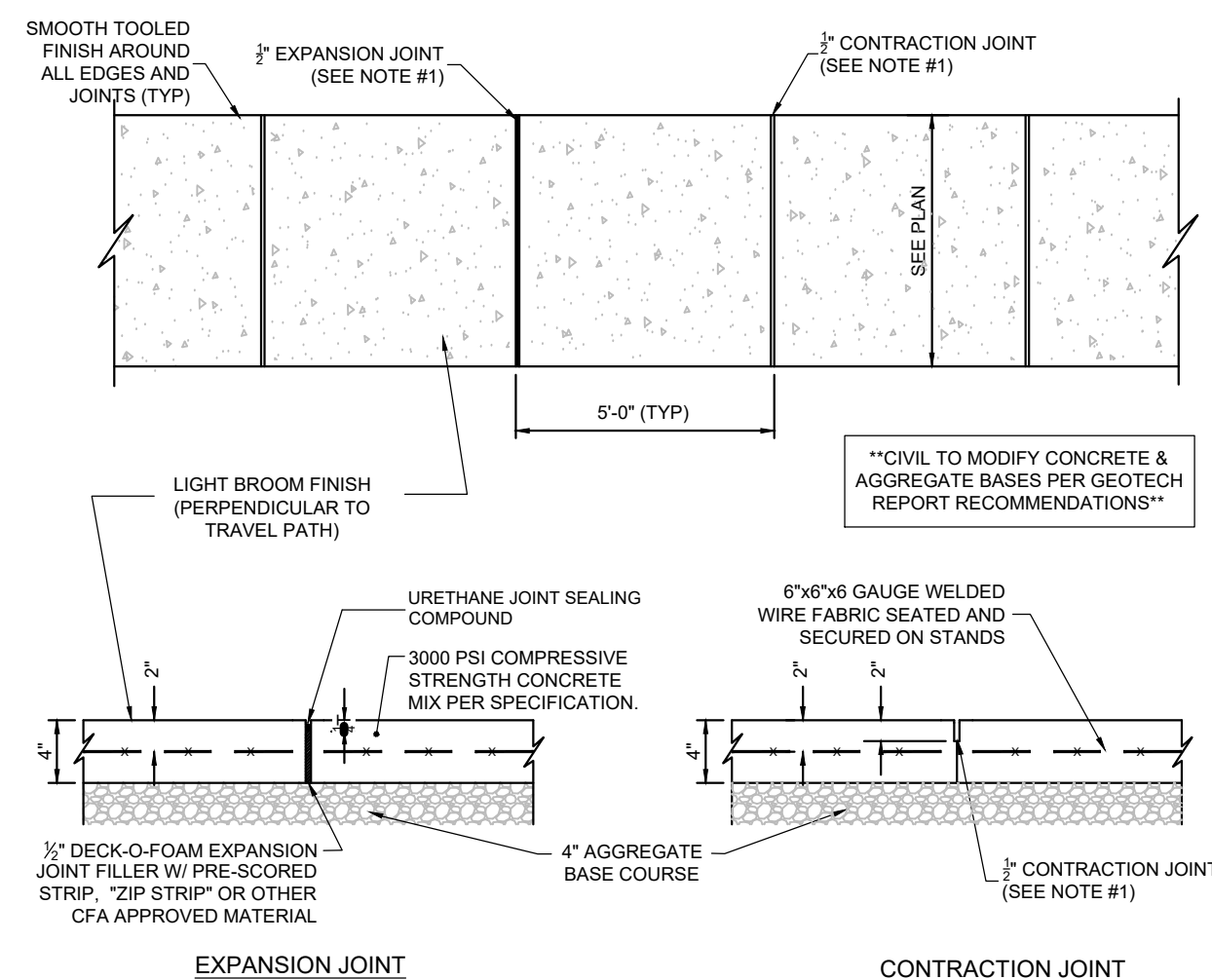
1 SIDEWALK ACCESSIBLE RAMP
C-401 NOT TO SCALE



2 DETECTABLE WARNING DEVICE
C-401 NOT TO SCALE

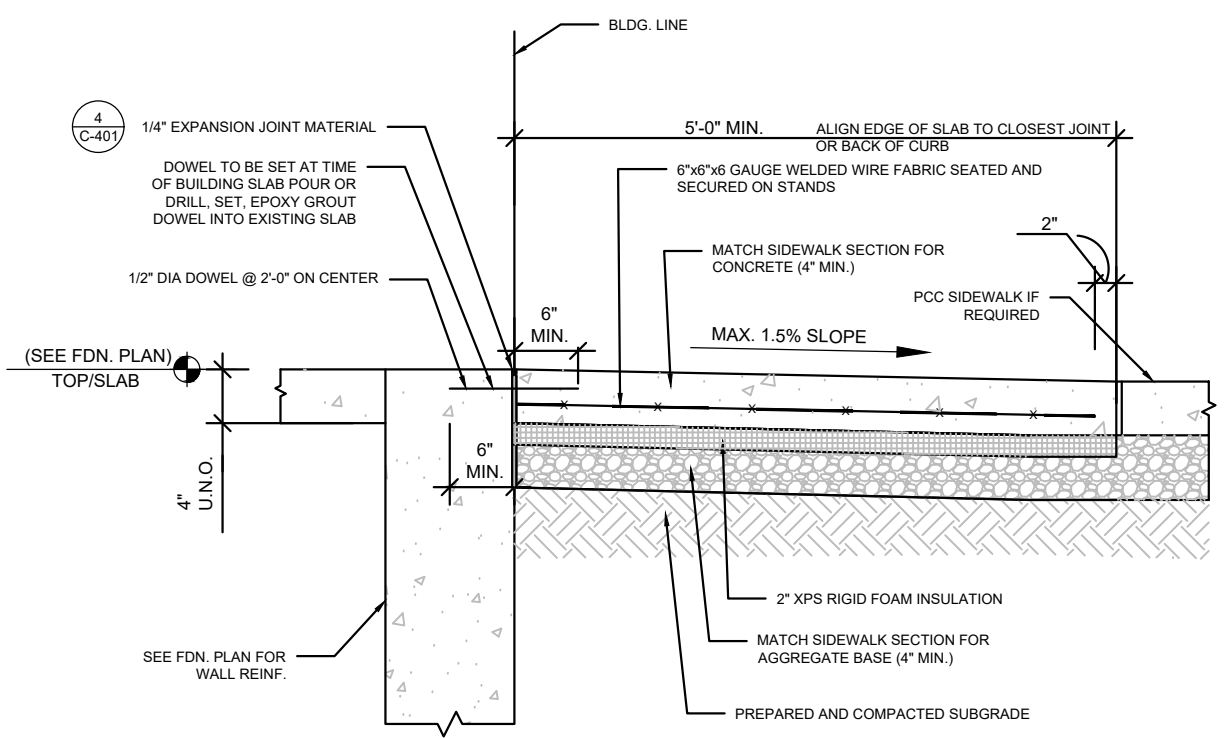


3 TYPICAL ADA RAMP & HANDRAIL
C-401 NOT TO SCALE

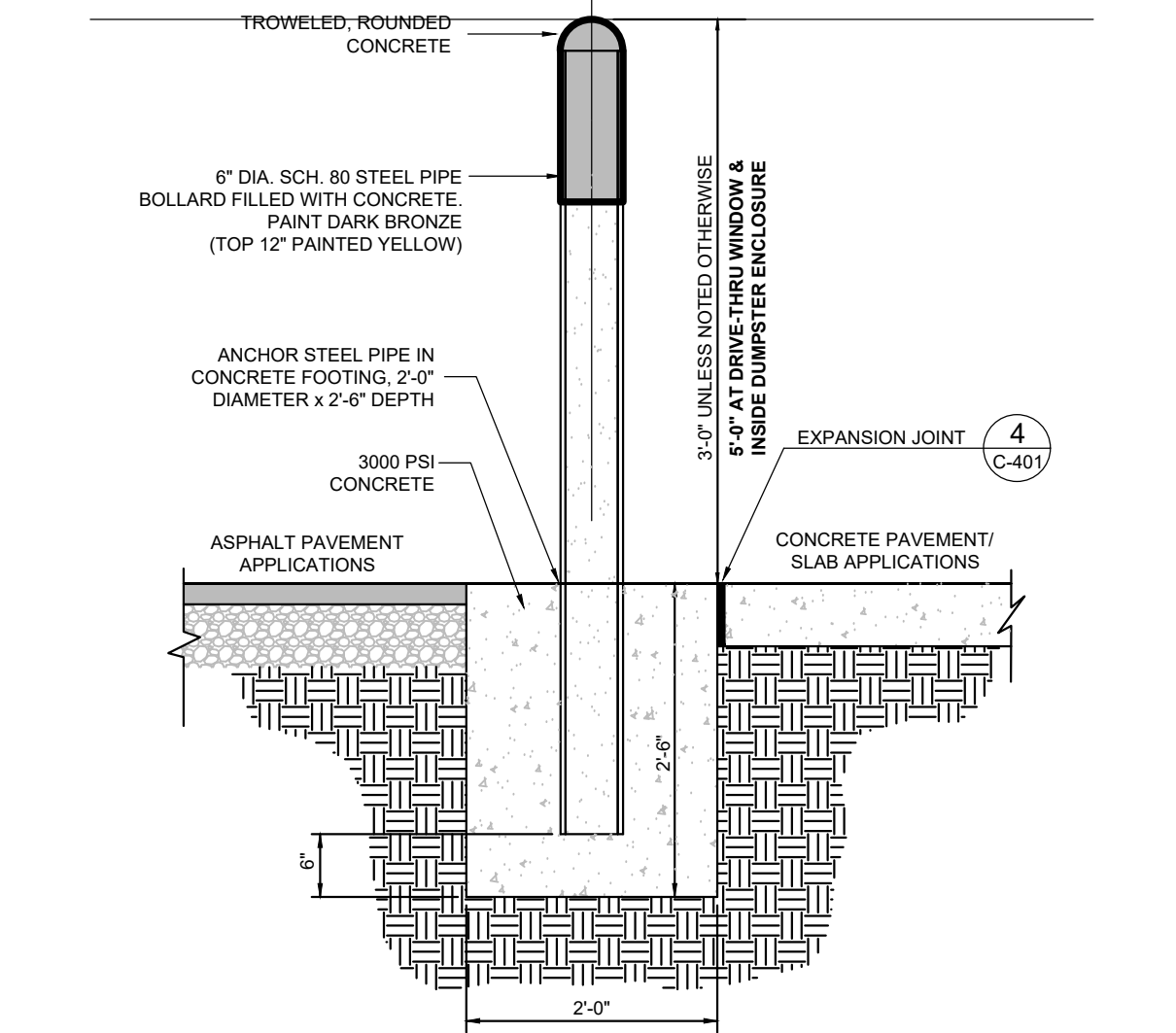


4 CONCRETE SIDEWALK
C-401 NOT TO SCALE

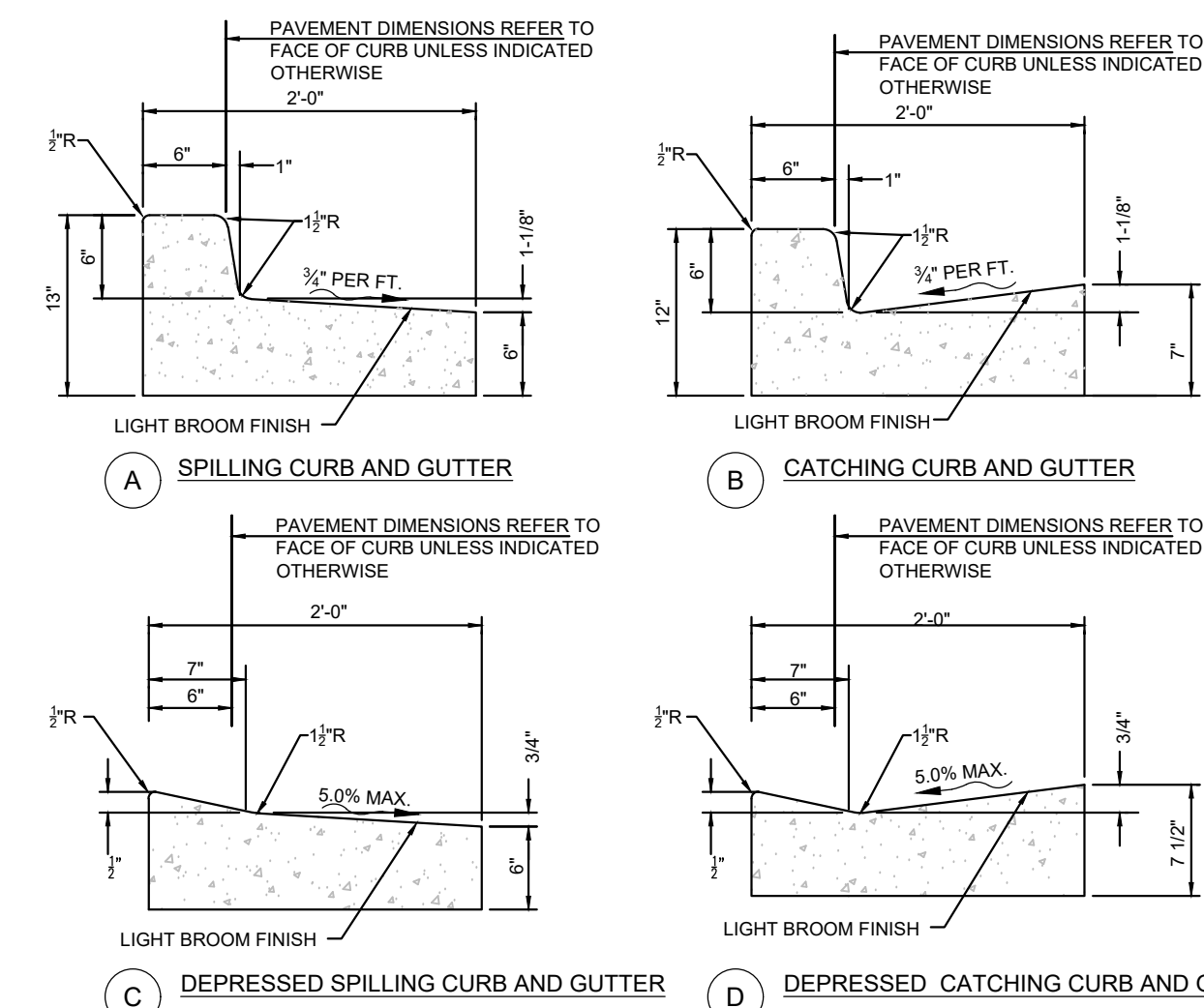
5 CONCRETE SIDEWALK w/ CURB & GUTTER
C-401 NOT TO SCALE



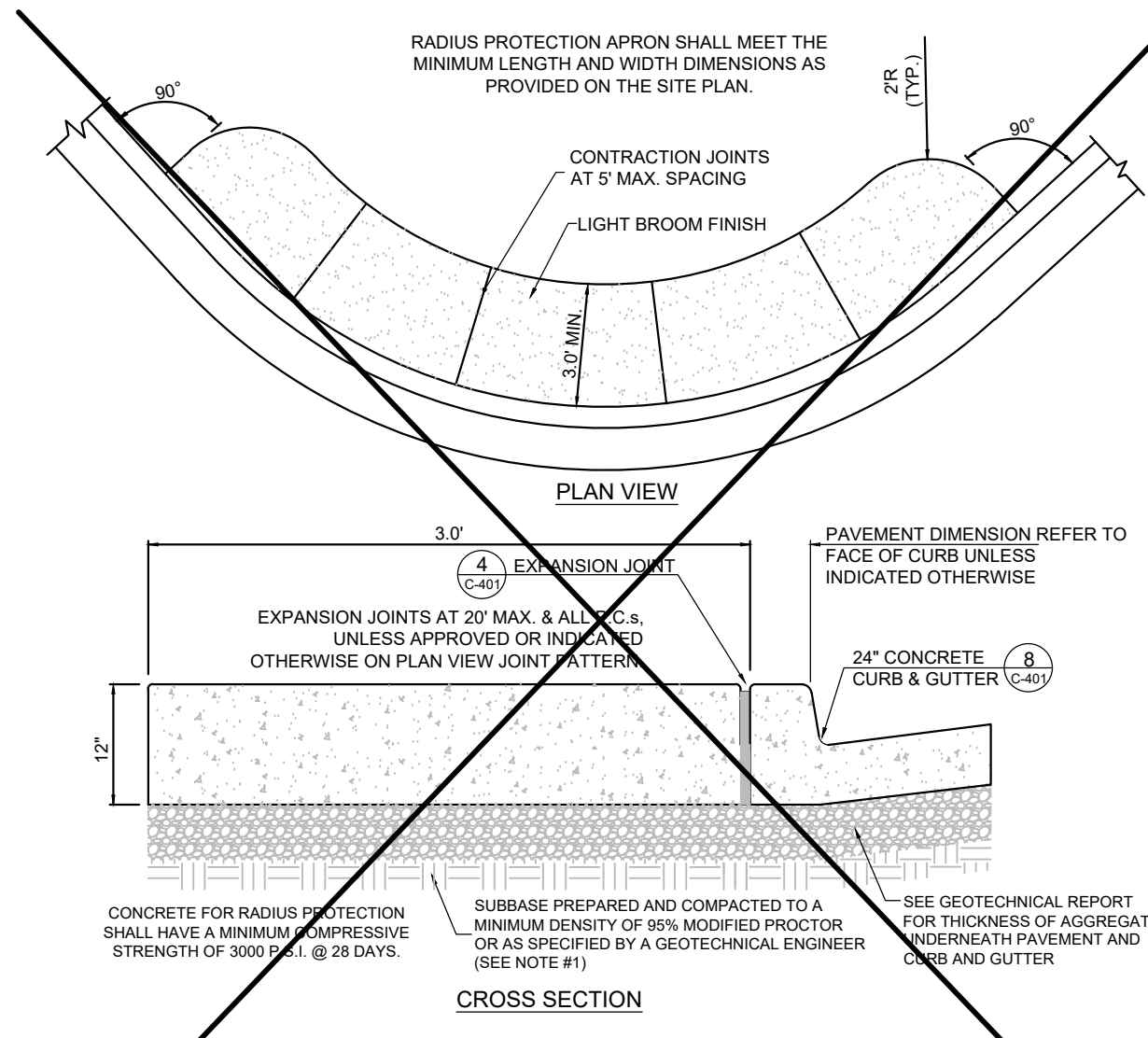
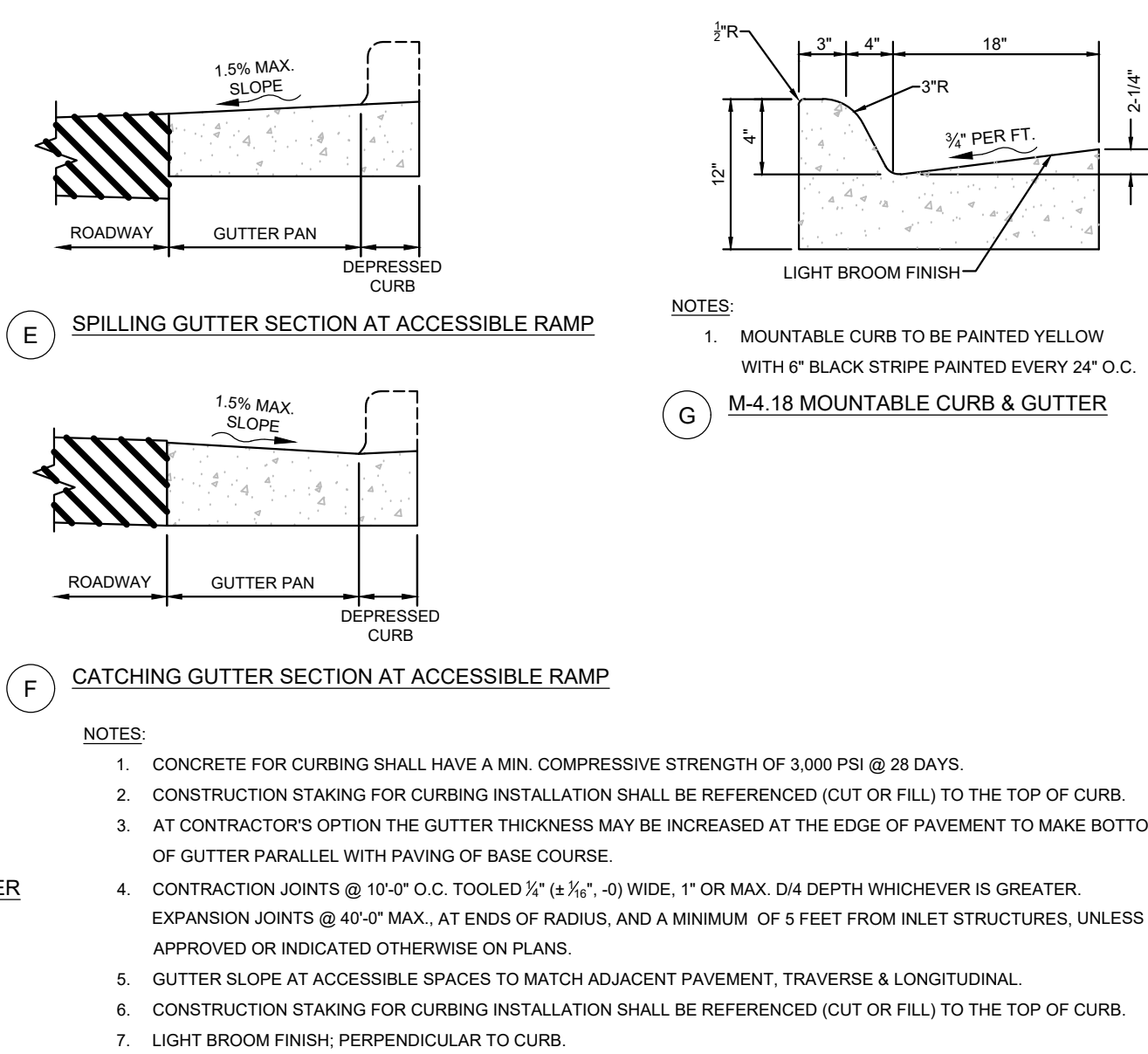
6 ENTRY DOOR FROST SLAB DETAIL
C-401 NOT TO SCALE



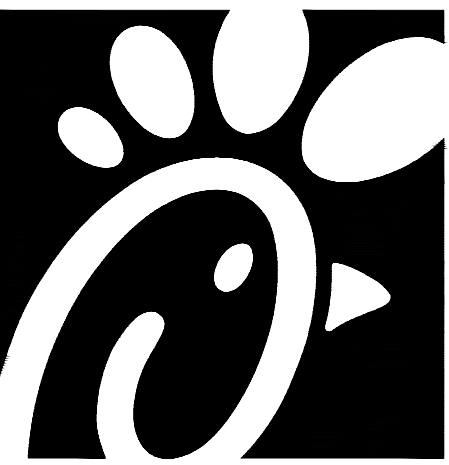
7 CONCRETE BOLLARD
C-401 NOT TO SCALE



8 CONCRETE CURB & GUTTER
C-401 NOT TO SCALE

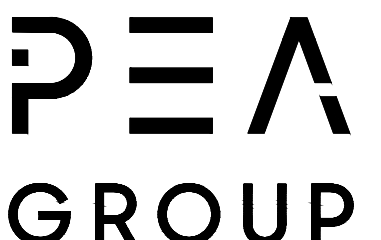


9 LANDSCAPE & IRRIGATION PROTECTOR
C-401 NOT TO SCALE



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CHICK-FIL-A
PLAINFIELD
6102 CAMBRIDGE WAY
PLAINFIELD, IN 46168

FSR#05219

BUILDING TYPE / SIZE: P14-SE-BASE
RELEASE: 06.25

REVISION SCHEDULE
NO. DATE DESCRIPTION

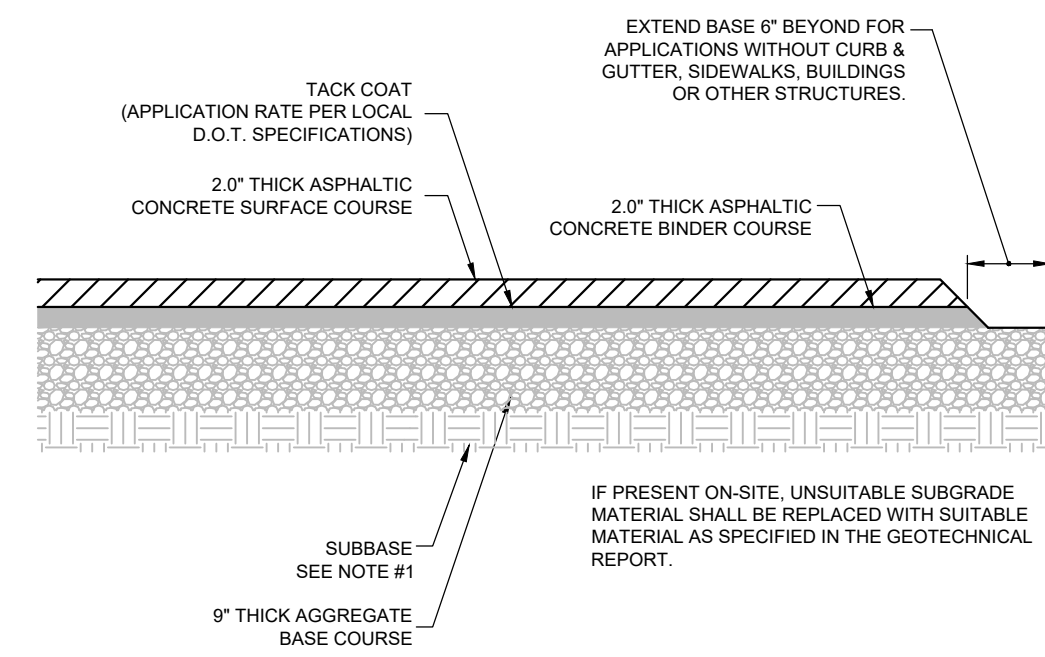
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PRINTED FOR: SPA
DATE: 9/15/2025
DRAWN BY: BV

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CFA STANDARD DETAILS - 2

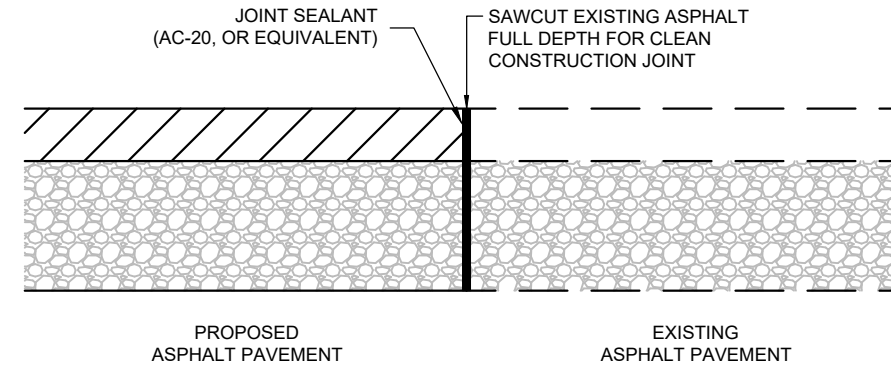
SHEET NUMBER

C-401

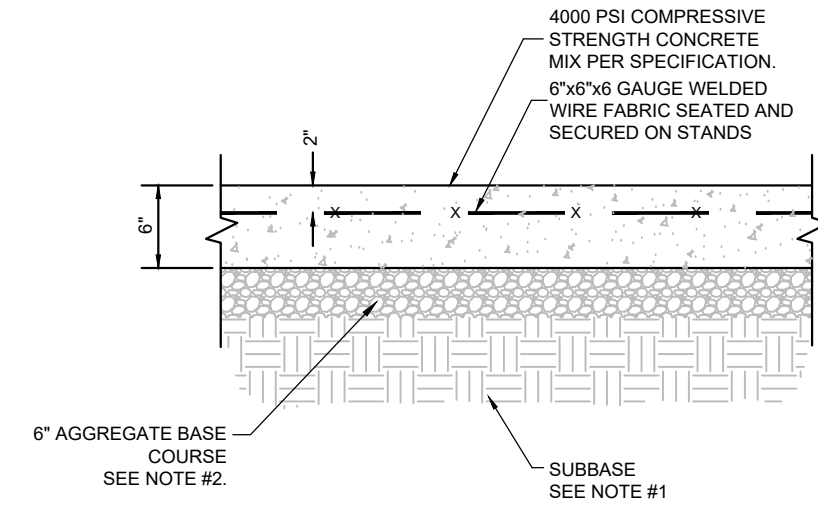


- NOTE:
1. GENERAL CONTRACTOR SHALL REFERENCE SITE SPECIFIC GEOTECHNICAL REPORT FOR PAVEMENT, AGGREGATE, AND SUBGRADE SECTION REQUIREMENTS.
 2. MINIMUM PAVEMENT THICKNESS SHOULD BE 9\"/>

1 TYPICAL HMAc PAVEMENT SECTION
C-402 NOT TO SCALE

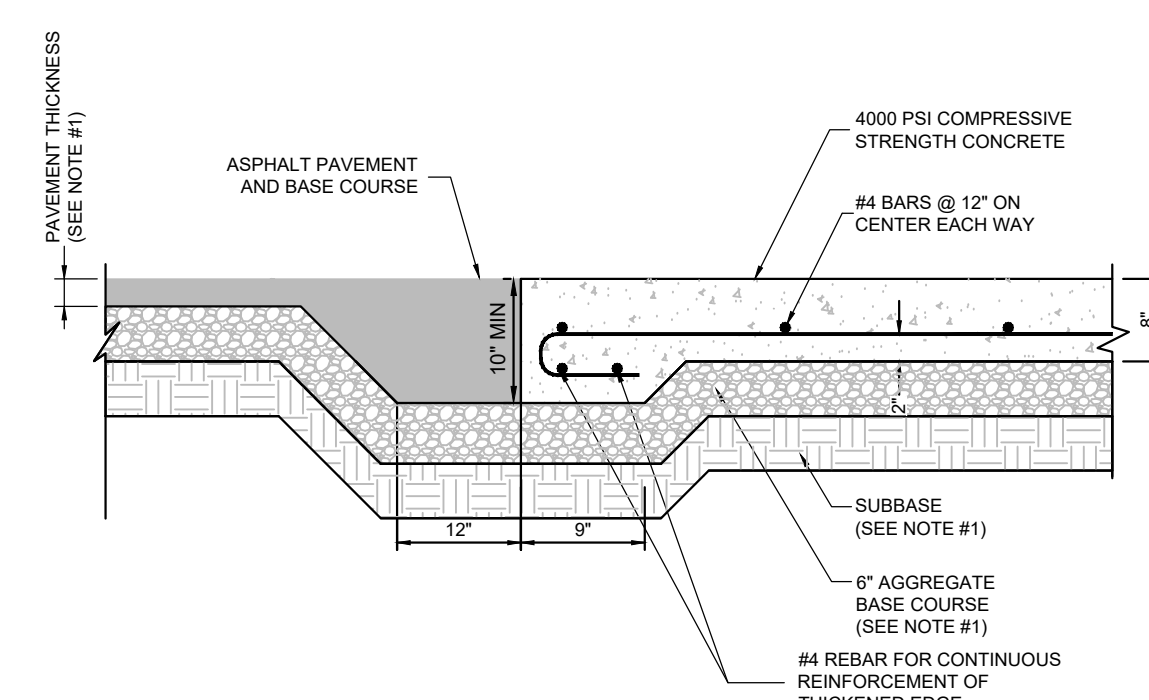


2 BUTT JOINT
C-402 NOT TO SCALE



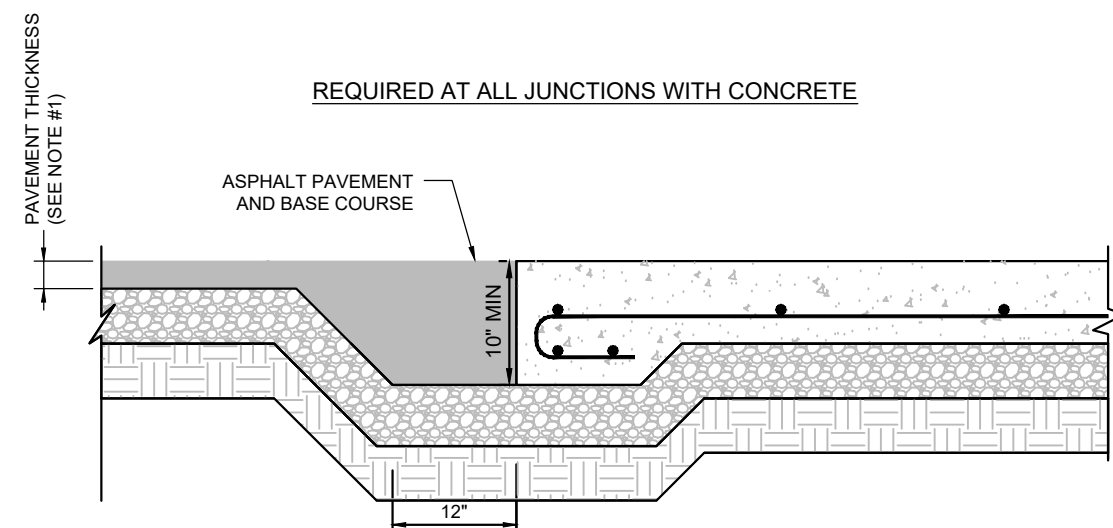
- NOTE:
1. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.
 2. MINIMUM PAVEMENT THICKNESS SHALL BE 6\"/>

3 CONCRETE PAVEMENT DRIVE-THRU LANE
C-402 NOT TO SCALE



- NOTE:
1. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.

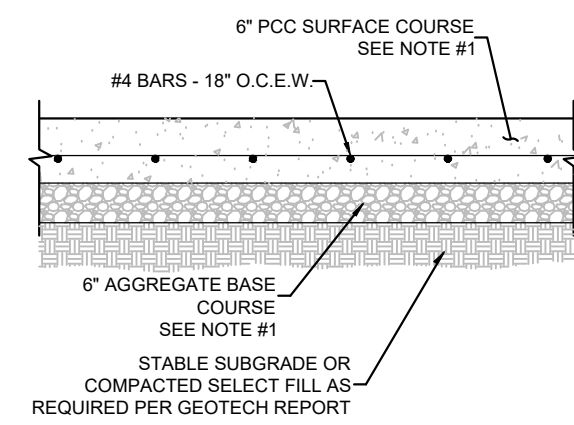
4 CONCRETE APRON AT TRASH ENCLOSURE
C-402 NOT TO SCALE



- NOTE:
1. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.

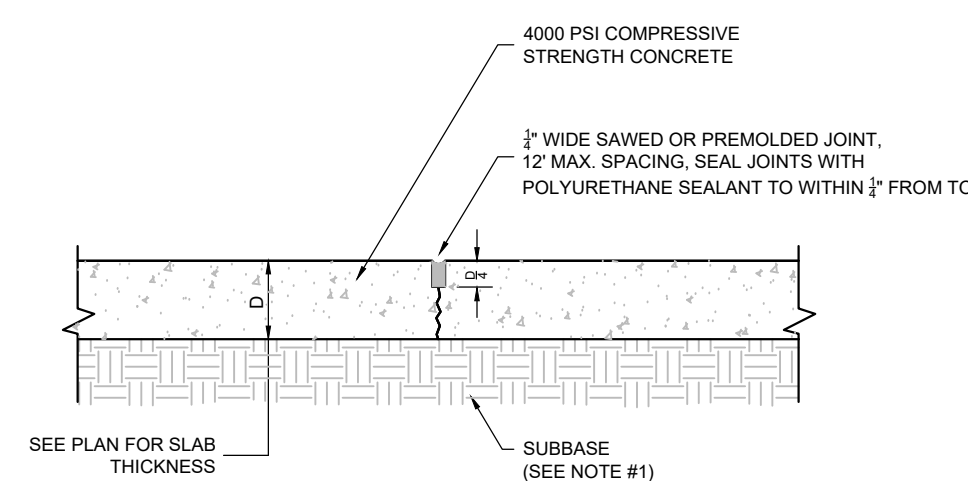
5 PAVEMENT EDGE DETAIL (START & END OF DRIVE-THRU LANES)
C-402 NOT TO SCALE

- NOTES:
1. DESIGN PER GEOTECH REPORT PREPARED BY _____, DATED _____.
 2. PAVEMENTS & SUBGRADES INCLUDING MATERIALS & COMPACTION SHALL MEET STANDARDS & SPECIFICATIONS OF THE GOVERNING DEPARTMENT OF TRANSPORTATION.
 3. JOINTING & SPACING SHALL BE PER CONCRETE JOINT DETAILS.
 4. CONCRETE SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 4,000 PSI @ 28 DAYS.



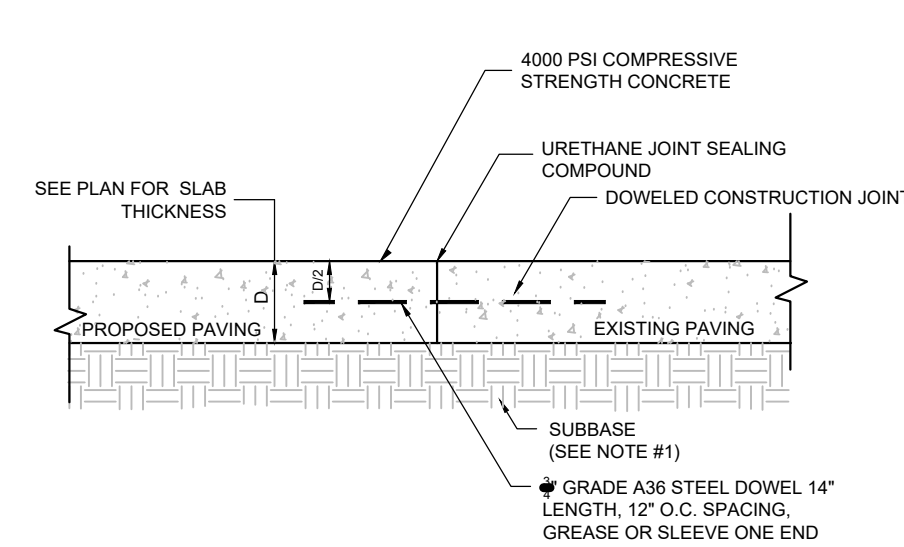
- NOTE:
1. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.
 2. MINIMUM PAVEMENT THICKNESS SHALL BE 6\"/>

6 CONCRETE PAVEMENT
C-402 NOT TO SCALE



- NOTE:
1. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.

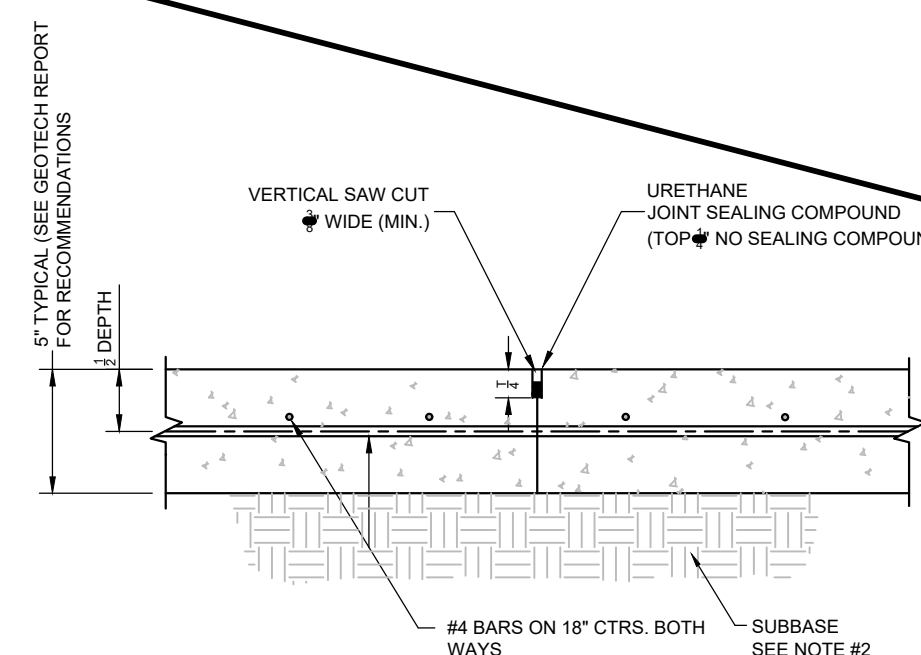
7 TRANSVERSE AND LONGITUDINAL CONTRACTION JOINT
C-402 NOT TO SCALE



- NOTE:
1. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.

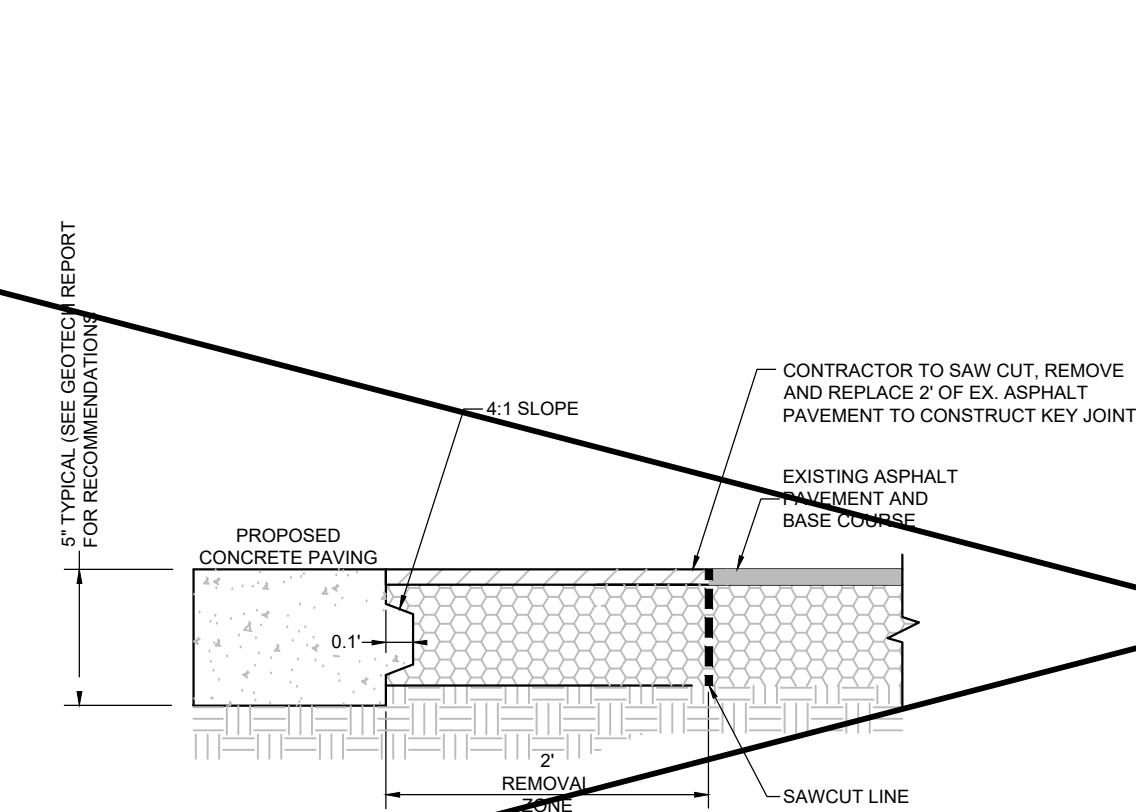
8 TRANSVERSE AND LONGITUDINAL DOWELED CONSTRUCTION JOINT
C-402 NOT TO SCALE

THESE DETAILS APPLY TO CONCRETE PAVED LOTS



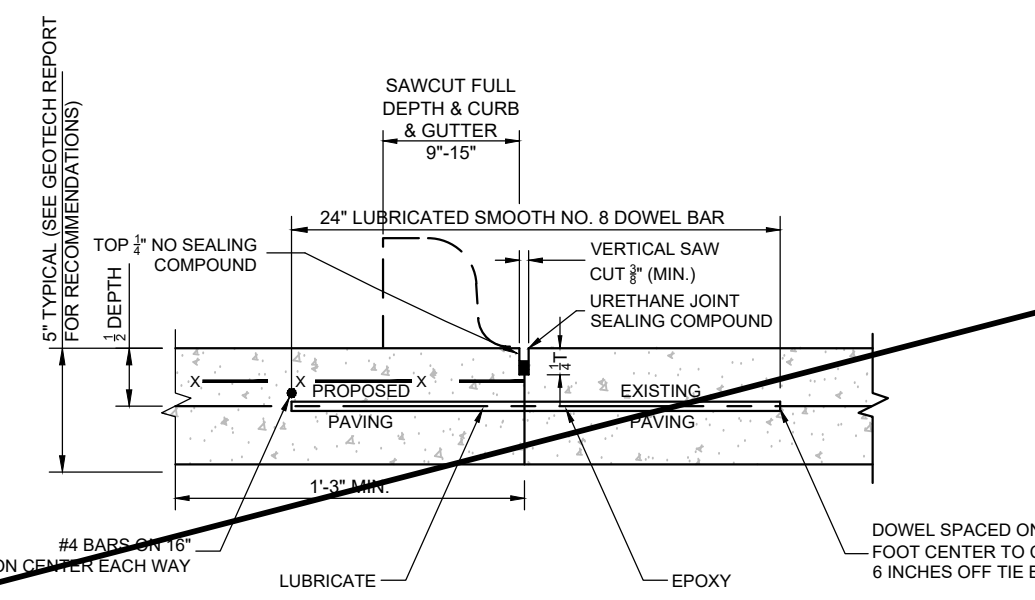
- NOTES:
1. JOINT SPACING TO BE 12' x 12' WITH EVERY OTHER JOINT BEING AN EXPANSION JOINT.
 2. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.

9 CONTRACTION JOINT
C-402 NOT TO SCALE



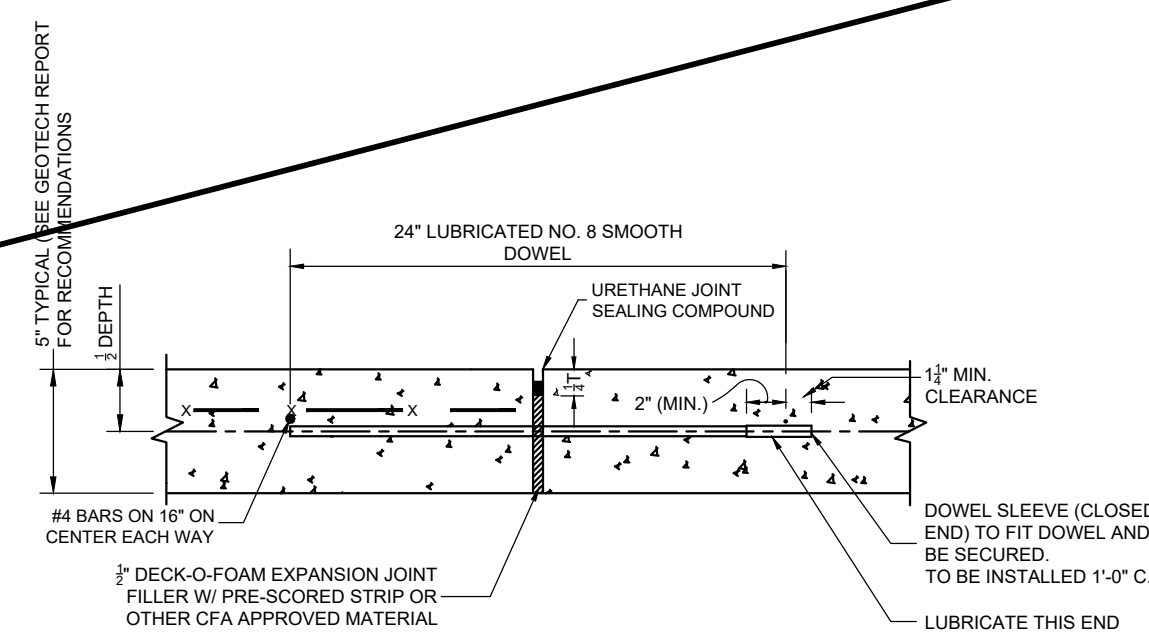
- NOTE:
1. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.

10 KEYED CONSTRUCTION JOINT
C-402 NOT TO SCALE



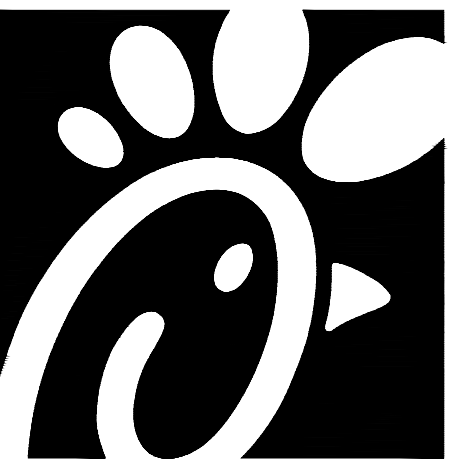
- NOTES:
1. NO. 5 SMOOTH DOWEL BAR MAY BE USED IN 5 INCH AND 6 INCH PAVEMENT THICKNESS.
 2. LONGITUDINAL BUTT CONSTRUCTION MAY BE UTILIZED IN PLACE OF LONGITUDINAL HINGED (KEYWAY) JOINT AT CONTRACTORS OPTION.
 3. DOWEL BARS SHALL BE DRILLED & EPOXIED INTO PAVEMENT HORIZONTALLY BY USE OF MECHANICAL EQUIP.
 4. PUSHING DOWEL BARS INTO WET CONCRETE NOT ACCEPTABLE.

11 LONGITUDINAL BUTT JOINT
C-402 NOT TO SCALE



- NOTES:
1. NO. 5 SMOOTH DOWEL BAR MAY BE USED IN 5 INCH AND 6 INCH PAVEMENT THICKNESS.
 2. LONGITUDINAL BUTT CONSTRUCTION MAY BE UTILIZED IN PLACE OF LONGITUDINAL HINGED (KEYWAY) JOINT AT CONTRACTORS OPTION.
 3. DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL EQUIPMENT.
 4. DRILLING BY HAND IS NOT ACCEPTABLE, PUSHING DOWEL BARS INTO WET CONCRETE NOT ACCEPTABLE.
 5. JOINT SPACING TO BE 24'x24' (EVERY OTHER JOINT).

12 EXPANSION JOINT
C-402 NOT TO SCALE



Chick-fil-A

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5200 Buffington Road
Atlanta, Georgia 30349-2998

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CHICK-FIL-A
PLAINFIELD
6102 CAMBRIDGE WAY
PLAINFIELD, IN 46168

FSR#05219

BUILDING TYPE / SIZE: P14-SE-BASE
RELEASE: 06.25

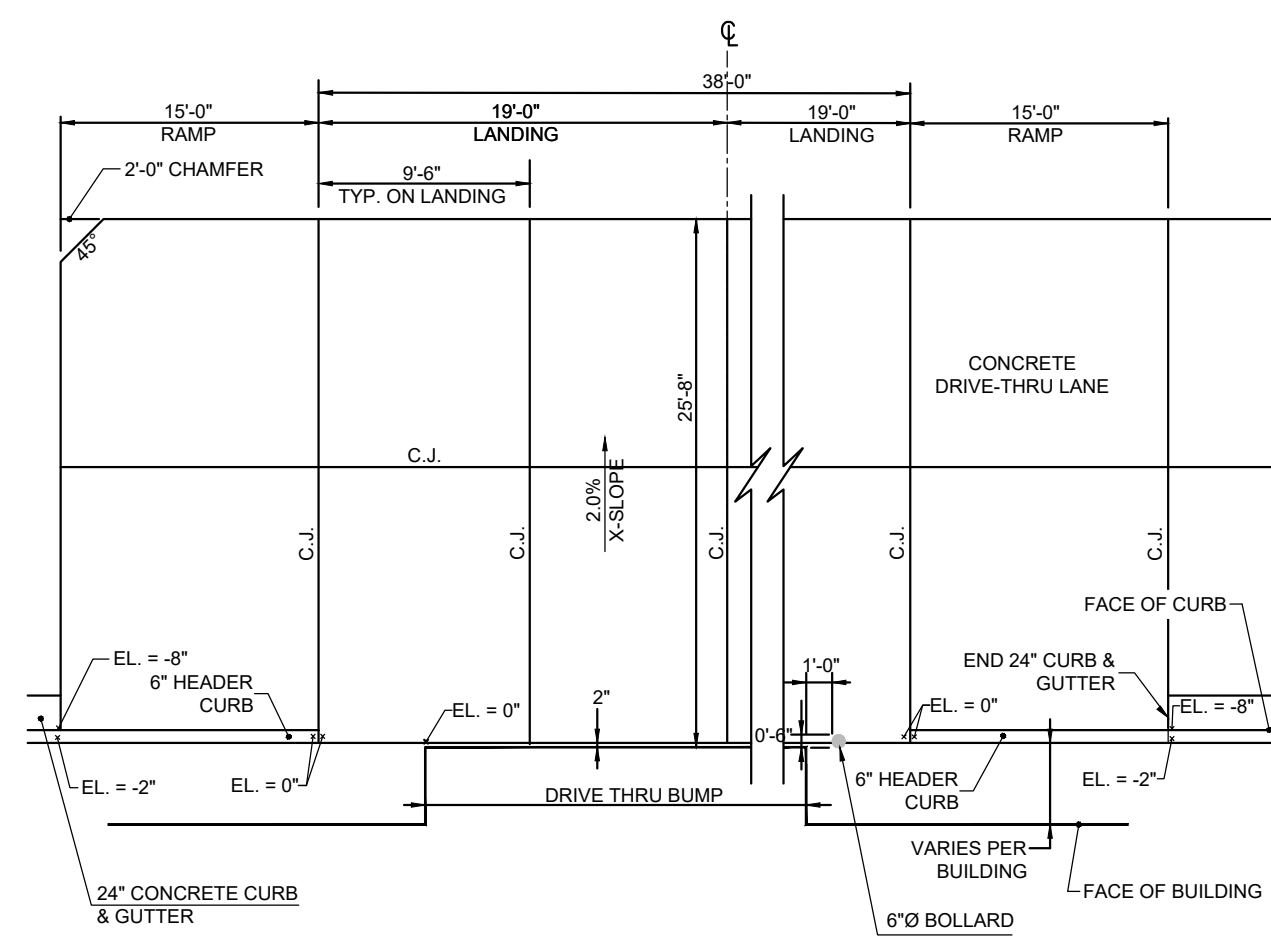
REVISION SCHEDULE
NO. DATE DESCRIPTION

CONSULTANT PROJECT # 22-1054
PRINTED FOR SPA
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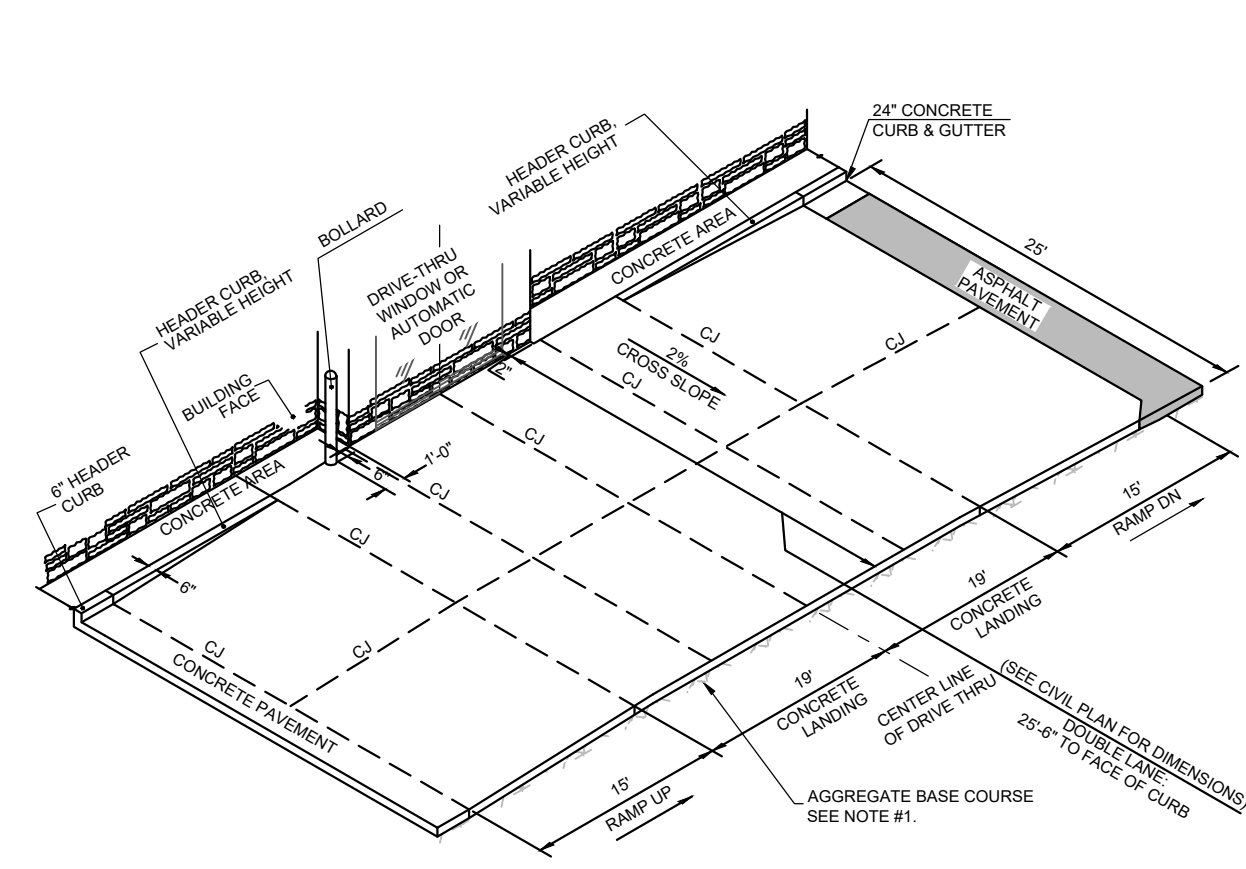
SHEET
CFA STANDARD DETAILS - 3

SHEET NUMBER
C-402



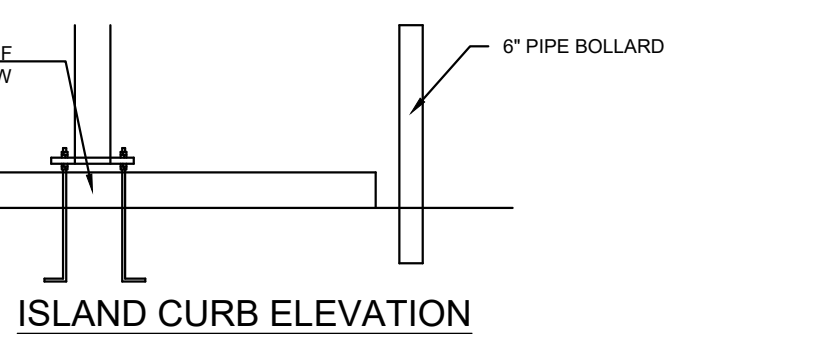
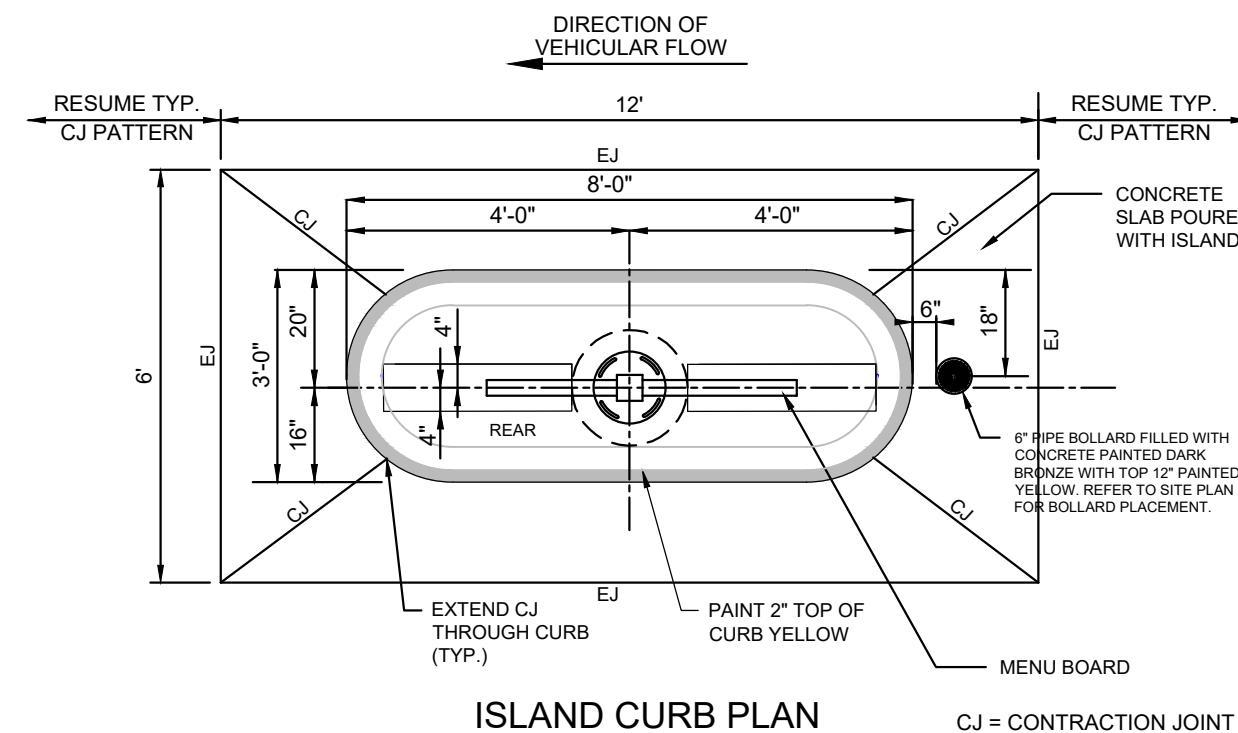
- NOTE:
1. ALL ELEVATIONS ON THIS DETAIL ARE RELATIVE TO FFE = 0'.
 2. FOR LC FOOTPRINT DECREASE LANDING FROM 38' TO 30'. LANDING SHOULD REMAIN CENTERED ON DRIVE-THRU WINDOW.

1 DRIVE-THRU PLAN - FLUSH WITH FFE
C-403 NOT TO SCALE

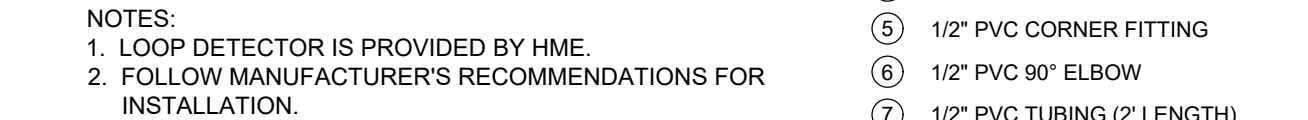
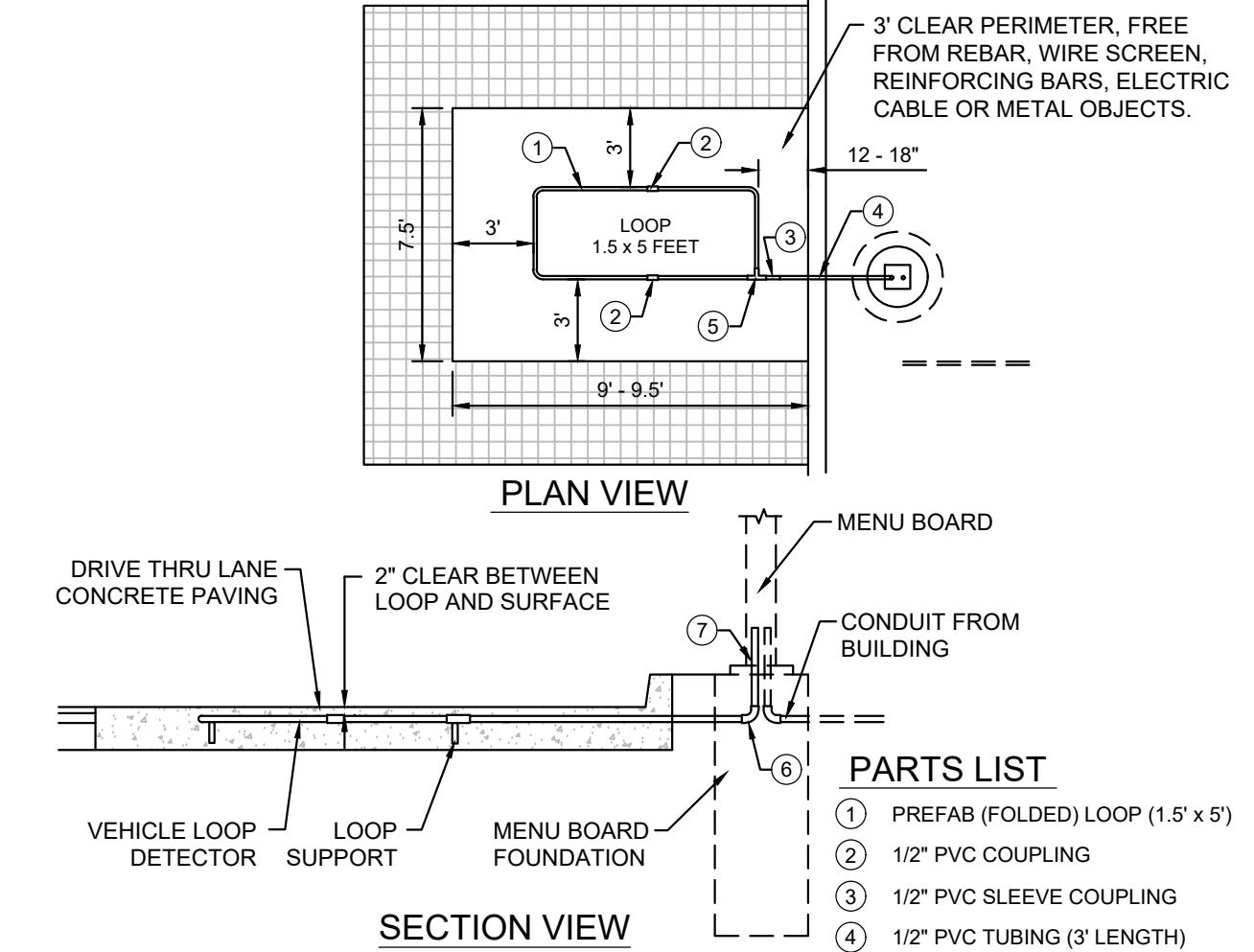


- NOTE:
1. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.
 2. FOR LC FOOTPRINT DECREASE LANDING FROM 38' TO 30'. LANDING SHOULD REMAIN CENTERED ON DRIVE-THRU WINDOW.

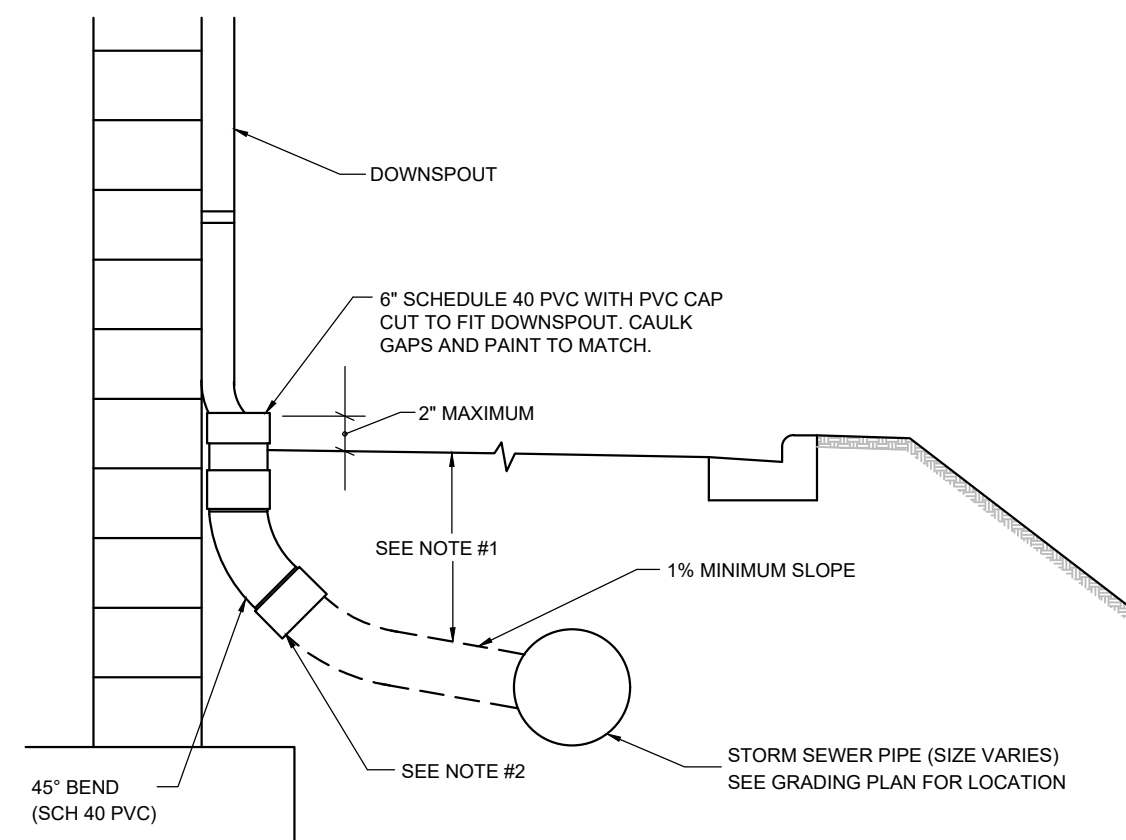
2 DRIVE-THRU ISOMETRIC
C-403 NOT TO SCALE



3 DRIVE-THRU ORDER POINT ISLAND
C-403 NOT TO SCALE

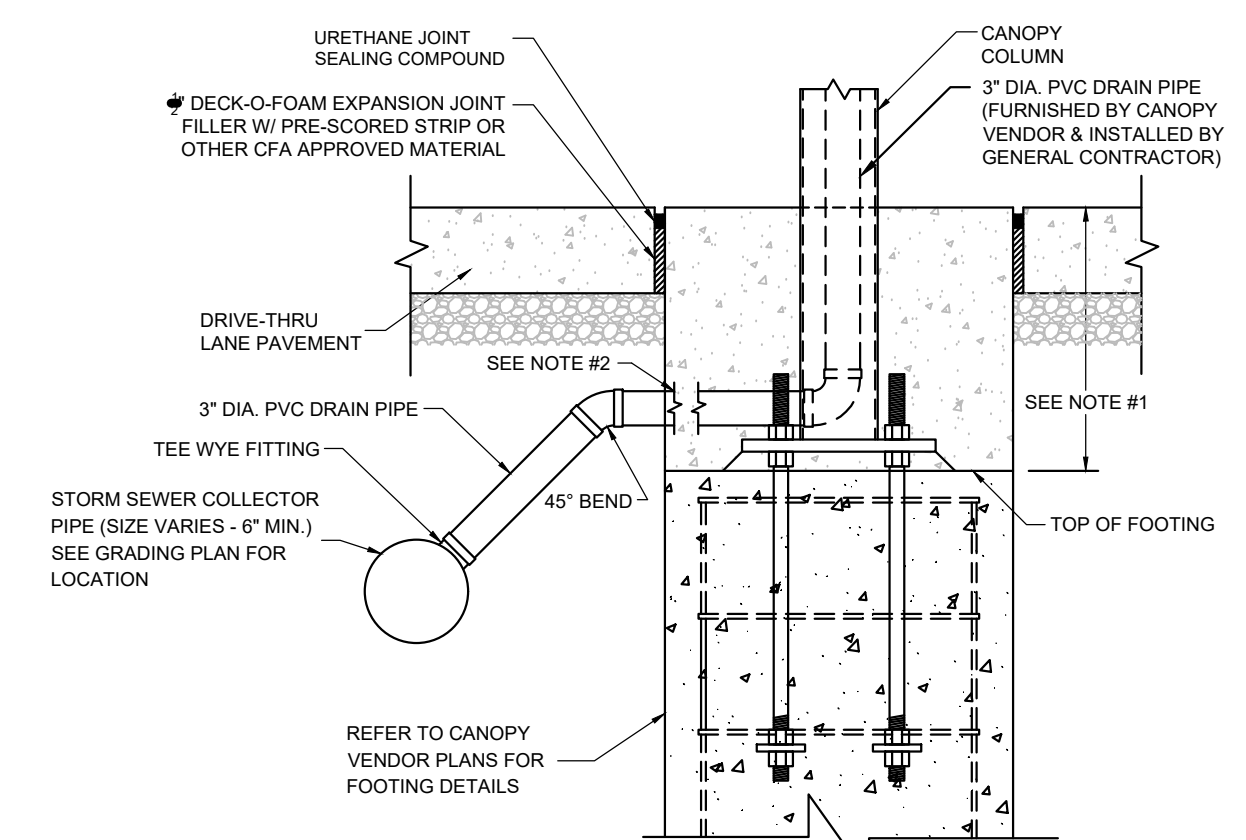


4 MENU BOARD LOOP DETECTION SYSTEM
C-403 NOT TO SCALE



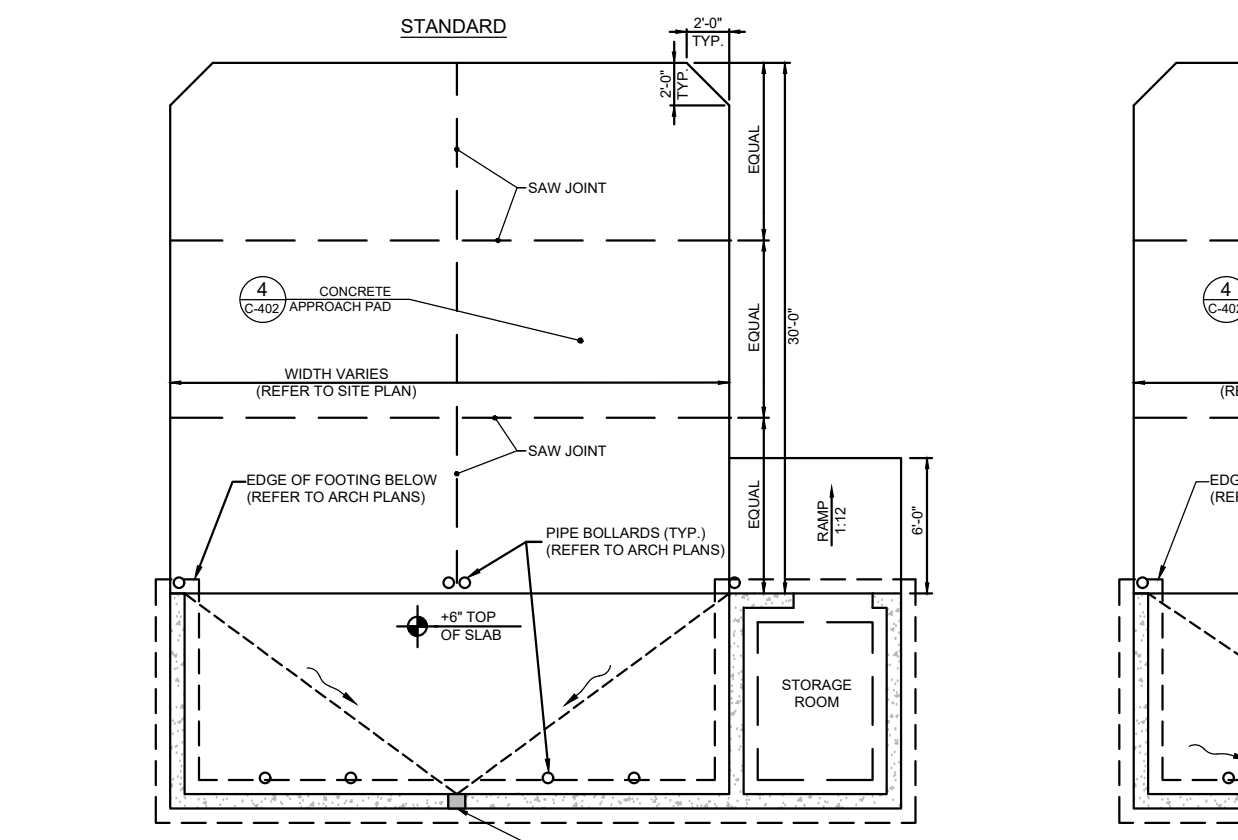
- NOTES:
1. FOR ALL DEPTHS OF COVER LESS THAN TWO (2) FEET, PIPE MUST BE SCHEDULE 40 PVC. FOR DEPTHS OF COVER GREATER THAN TWO (2) FEET, FLEXIBLE PIPE MAY BE USED. REFER TO SPECIFICATIONS FOR ALLOWABLE PIPE TYPES.
 2. A WATERTIGHT CONNECTION SHALL BE MAINTAINED WITH ANY TRANSITION FROM SCHEDULE 40 PVC PIPE TO ANY OTHER PIPE TYPE.
 3. THE DOWNSPOUT COLLECTOR DRAIN SHALL BE INSTALLED BEFORE THE DOWNSPOUTS ARE INSTALLED ON THE BUILDING.
 4. IF NECESSARY, ADJUST FOOTING TO ALLOW DOWNSPOUT TO BE INSTALLED TIGHT AGAINST BUILDING.

5 BUILDING DOWNSPOUT CONNECTION
C-403 NOT TO SCALE



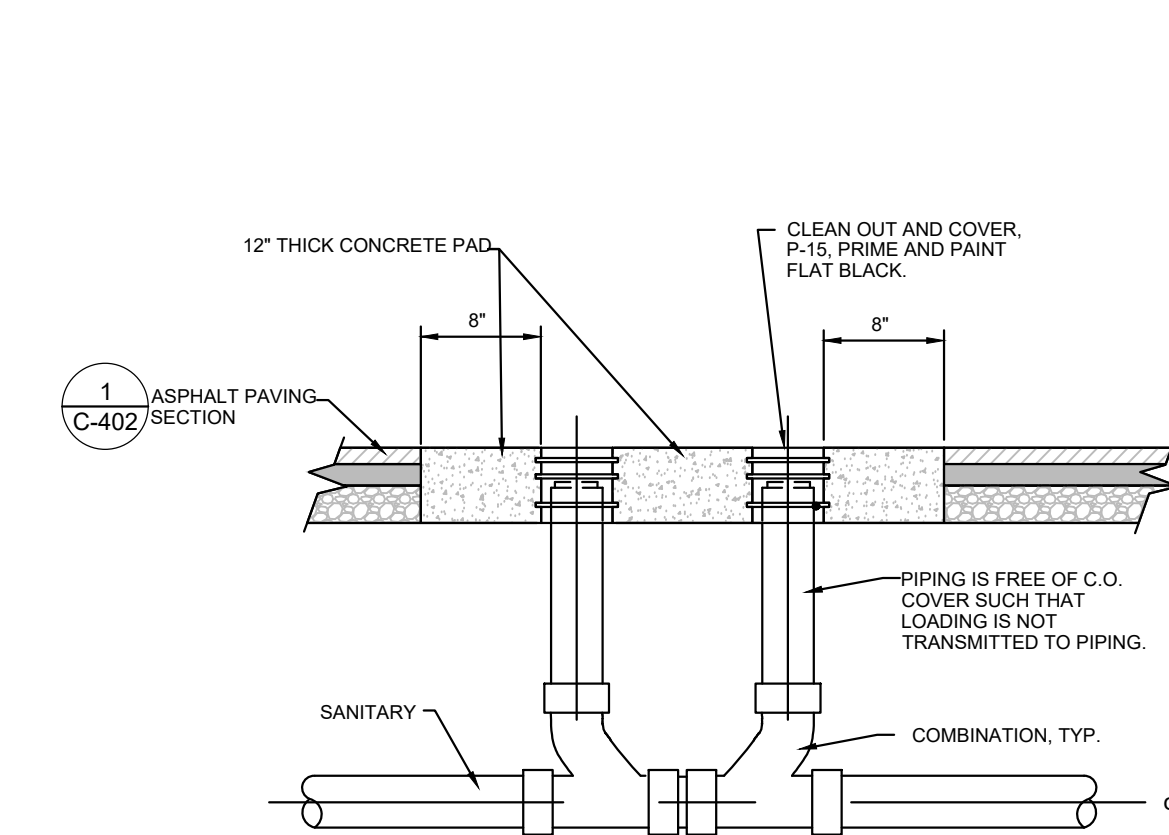
- NOTES:
1. CANOPY FOOTING SHALL BE A MINIMUM 2'-0\"/>

6 CANOPY DOWNSPOUT CONNECTION
C-403 NOT TO SCALE



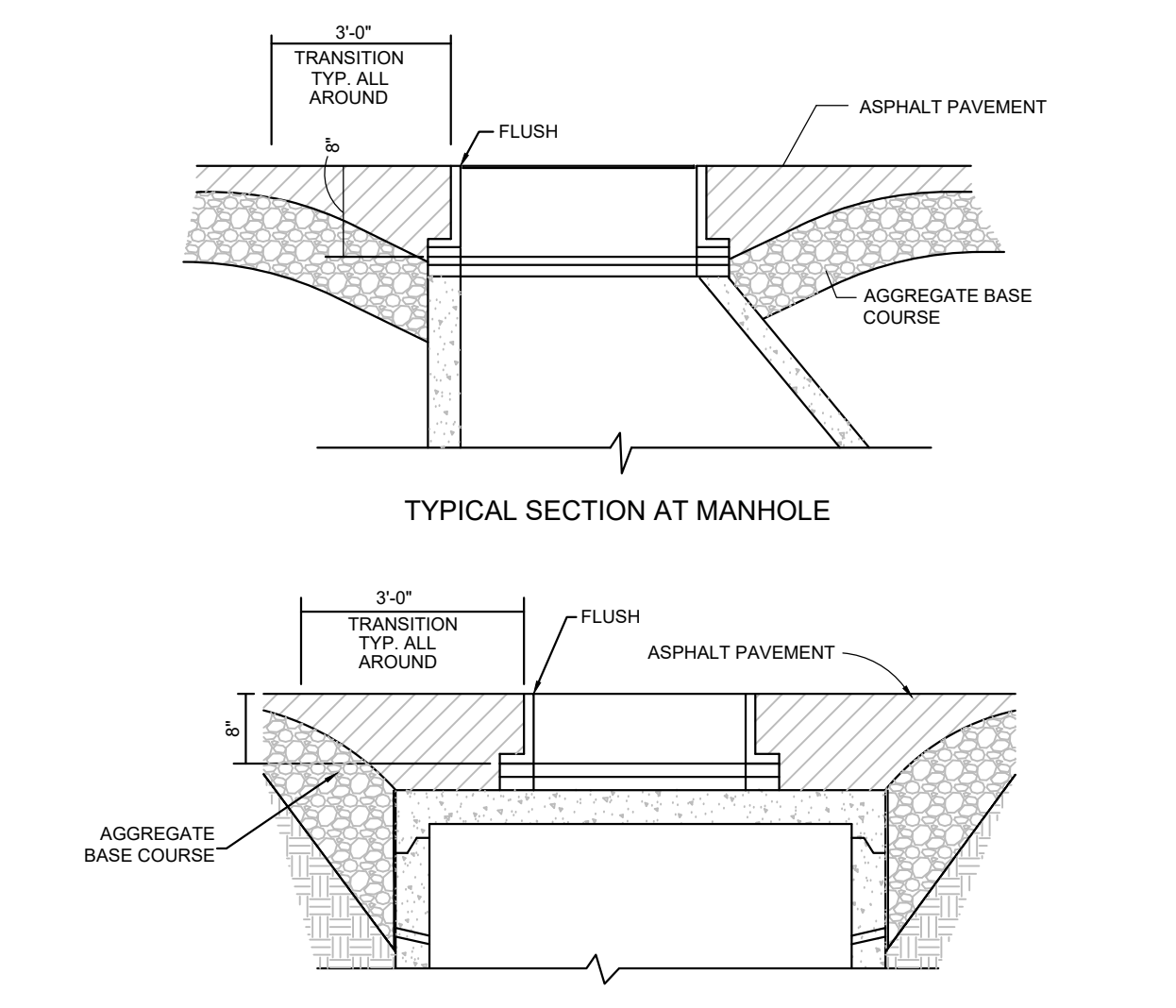
- REFUSE ENCLOSURE PLAN NOTES:
1. SEE SITE PLAN FOR LAYOUT OF CONCRETE APPROACH PAD.
 2. SEE GRADING PLAN FOR ELEVATIONS ON DUMPSTER PAD & DRAINAGE OF INTERIOR TRASH ENCLOSURE.
 3. PROVIDE POSITIVE DRAINAGE ON APPROACH PAD AWAY FROM DUMPSTER. (SEE GRADING PLAN)
 4. SEE ARCHITECTURAL PLANS FOR ADDITIONAL DIMENSIONS & DETAILS ON ENCLOSURE; COORDINATE & VERIFY SIZE WITH ARCHITECT & STRUCTURAL ENGINEER.
 5. GENERAL CONTRACTOR SHALL DRILL HOLES FOR GATE PINS IN BOTH THE OPEN & CLOSED POSITION.

7 SCREENED REFUSE ENCLOSURE
C-403 NOT TO SCALE

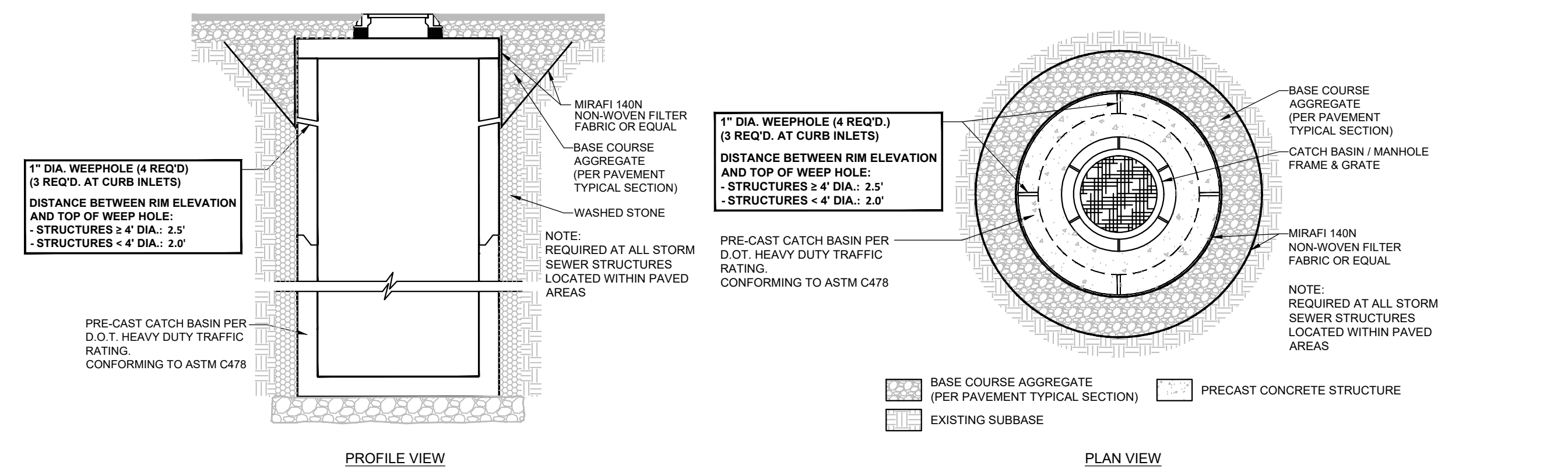


- NOTES:
1. SEE PLUMBING PLANS FOR GREASE TRAP DETAIL.
 2. CLEAN-OUT COVERS SHALL BE PROVIDED ON ALL CLEAN-OUTS REGARDLESS OF LOCATION.
 3. CONCRETE COLLAR ALSO REQUIRED FOR SINGLE CLEAN-OUTS IN PAVEMENT.

8 CLEAN-OUT (OUTSIDE OF BUILDING)
C-403 NOT TO SCALE



9 THICKENED PAVEMENT @ STRUCTURES
C-403 NOT TO SCALE



10 STORM STRUCTURE WEEP HOLE DETAILS
C-403 NOT TO SCALE



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SHEET
CFA STANDARD DETAILS - 4

SHEET NUMBER
C-403



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SHEET
NOTES AND DETAILS

SHEET NUMBER

C-500

SPECIFICATIONS

- 6" plain end inlet/outlet
- Unit weight - w/ cast iron covers: 1,290 lbs. (for wet weight add 12,525 lbs.)
- Maximum operating temperature: 150° F continuous
- Capacities - Liquid: 1,500 gal.; Grease: 10,061 lbs. (1,375 gal.) @100GPM Grease: 9,446 lbs. (1,284 gal.) @200GPM Solids: 318 gal.
- Satisfies Miami DERM 99% efficiency requirements; retaining the following capacities at 99% efficiency: 9,897 lbs. (1,356 gal.) @100GPM 8,993 lbs. (1,199 gal.) @200GPM
- For gravity drainage applications only.
- Do not use for pressure applications.
- Cover placement allows full access to tank for proper maintenance.
- Vent not required unless per local code.
- Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping.
- Integral air relief / Anti-siphon / Sampling access.
- Adjustable cover adapters provide up to 4" of additional height.
- Designed for below-grade, above-grade, indoor or outdoor installations.
- Safety Star® access restrictor built into each cover adapter, prevents accidental entry to tanks (450 lb rating).

ENGINEER SPECIFICATION GUIDE
Schier Great Basin™ grease interceptor model # GB-1500 shall be lifetime guaranteed and made in USA of seamless, molded polyethylene with minimum 7/16" uniform wall thickness. Interceptor shall be furnished for above or below-grade installation with adjustable cover adapter and Safety Star® access restrictor built into each cover adapter. This unit is certified for hydromechanical performance to ASME A112.14.3/CSA B481.1-2022 (Type D) as well as certified to ANSICAN/APMO Z1001-2021 for gravity grease interceptors. Flow control not required. Interceptor flow rate shall be 100 GPM or 200 GPM. Interceptor grease capacity shall be 10,061 lbs. Cover shall provide water-tight seal and have minimum 18,000 lbs. load capacity.

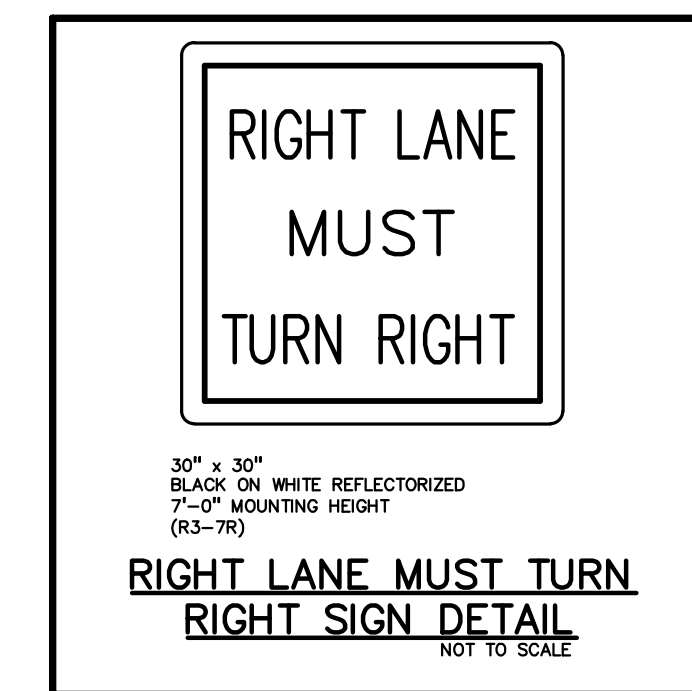
CERTIFIED PERFORMANCE
Great Basin™ hydromechanical grease interceptors are third party performance-tested and listed by ACPMO to ASME A112.14.3/CSA B481.1-2022 (Type D) grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code and the International Plumbing Code.

Satisfies Miami DERM 99% efficiency requirements. Product labels are permanently attached to inside and outside of unit for easy viewing.

SPECIFICATION SHEET

MODEL NUMBER: GB-1500	PART NUMBER: 4085-001-01	DESCRIPTION: GREASE INTERCEPTOR 100 GPM / 200 GPM, 6" PLAIN INLET/OUTLET, H-20 RATED PICKABLE CAST IRON COVERS			
DWG BY: T.ASAY		DATE: 12/13/2022	REV: C	ECO: 121423CS	6455 Woodland Dr Shawnee, KS 66218 Tel: 913-951-13300 Fax: 913-951-3399 schierproducts.com

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30" x 30"
BLACK ON WHITE REFLECTORIZED
7'-0" MOUNTING HEIGHT
(R3-7R)
RIGHT LANE MUST TURN
RIGHT SIGN DETAIL
NOT TO SCALE