

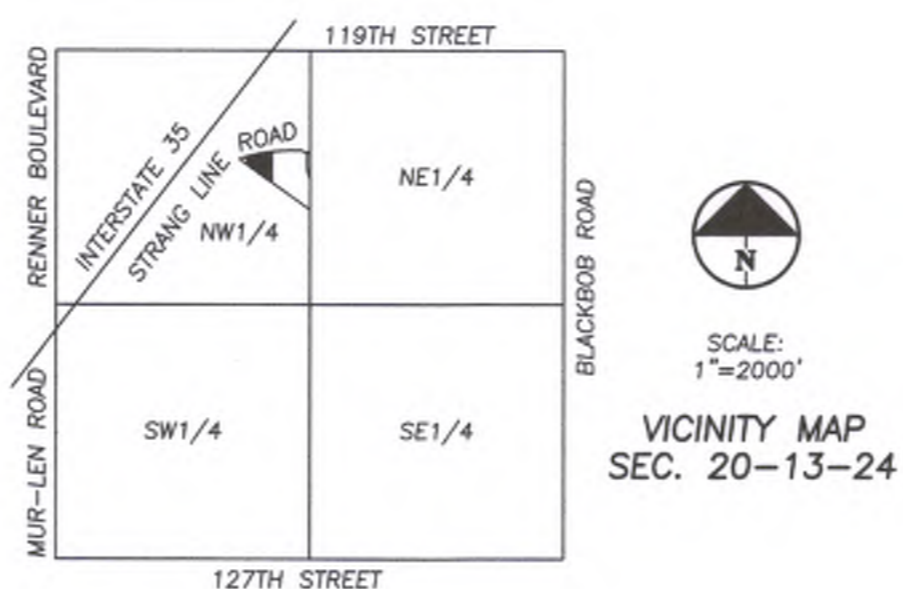
# McDONALD'S RESTAURANT

## 12091 STRANG LINE ROAD

### OLATHE, KANSAS

### JOHNSON COUNTY

### SITE CODE: 015-0145



REV	DATE	DESCRIPTION
C1		COVER SHEET
C2		SURVEY
C3		DEMOLITION PLAN
C4		SITE PLAN
C5		GRADING PLAN
C6-C6.4		STANDARD DETAILS
LS-1		LANDSCAPE PLAN

**UTILITY COMPANIES:**

- EVERGY (913) 894-3082  
MR. ERIC BOWEN (913)894-3086-FAX  
(eric.bowen@kcpl.com)  
16215 W. 108TH STREET  
LENEXA, KANSAS 66219
- ATMOS ENERGY (913) 254-6344  
TONY BENEDICT (tony.benedict@atmosenergy.com)  
KEVIN D. JONES (913) 254-6330  
(Kevin.Jones@atmosenergy.com)  
25090 W. 110TH TERRACE  
OLATHE, KANSAS 66061
- COMCAST CABLE CO. (816) 795-2257  
JIM DUFF (816) 795-0346 FAX  
(james\_duff@cable.comcast.com)  
3400 W. DUNCAN ROAD  
BLUE SPRINGS, MISSOURI 64015
- JOHNSON COUNTY WASTEWATER (913) 715-8500-PHONE  
11811 S. SUNSET DRIVE, SUITE 2500 (913) 715-8501-FAX  
OLATHE, KANSAS 66061 (913) 715-8520-INSPECTIONS
- CITY OF OLATHE (PUBLIC WORKS) (913) 971-9075  
MR. NEIL MEREDITH (913) 971-8504 FAX  
100 E. SANTA FE  
OLATHE, KS 66051 (nrmeredith@olatheks.org)
- CITY OF OLATHE (PUBLIC UTILITIES) (913) 971-9066  
MR. CHAD JONES (913) 971-9099 FAX  
1385 S. ROBINSON DRIVE  
OLATHE, KS 66051
- CONSOLIDATED COMMUNICATIONS (913) 322-9622  
MELISSA STRINGER (melissa.stringer@consolidated.com)  
14859 W. 95TH STREET  
LENEXA, KS 66215
- AT&T (913) 383-4929  
CLAYTON ANSPAUGH (ca4089@att.com) (913) 383-4849 FAX  
9444 NALL AVENUE  
OVERLAND PARK, KANSAS 66207
- SPECTRUM CABLE (913) 440-4189  
450 N. ROGERS RD.  
OLATHE KS. 66062
- GOOGLE FIBER (870) 219-5630  
CRAIG YOUNG (craigyoung@google.com)

**DEVELOPER:**

**McDONALD'S USA, L.L.C.**

ATTN: JIM MARKEY  
4643 SOUTH ULSTER, SUITE 1300  
DENVER, CO 80237  
(816) 518-6539 PHONE  
EMAIL: jim.markey@us.mcd.com



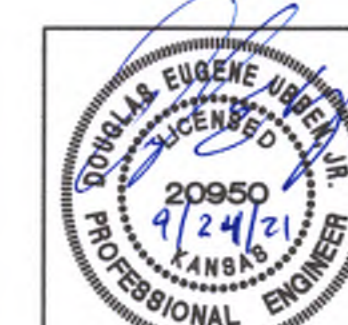
Know what's below.  
Call before you dig.

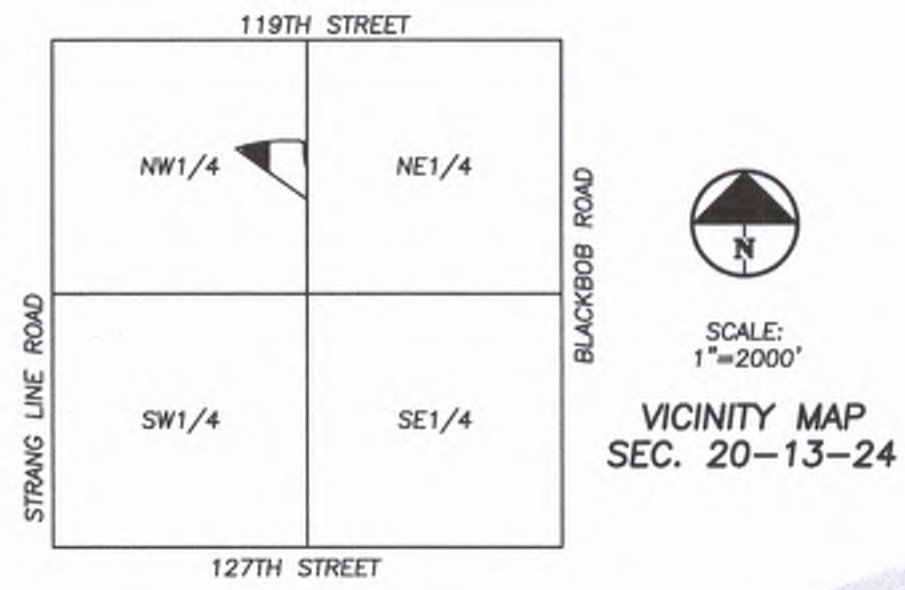
**UTILITY NOTES:**  
VISUAL INDICATIONS OF UTILITIES ARE AS SHOWN.  
UNDERGROUND LOCATIONS SHOWN, AS FURNISHED BY THEIR  
LESSORS, ARE APPROXIMATE AND SHOULD BE VERIFIED IN  
THE FIELD AT THE TIME OF CONSTRUCTION. FOR ACTUAL  
FIELD LOCATIONS OF UNDERGROUND UTILITIES.

**ADA PATH NOTE:**

THE CONTRACTOR SHALL BE RESPONSIBLE THAT THE SIDEWALK/CROSSWALK SHALL NOT EXCEED 2% CROSS SLOPE OR 5% RUNNING SLOPE (IN THE DIRECTION OF TRAVEL, EXCEPT AT RAMP LOCATIONS).

SHEET NO. <b>C1</b>	DRAWING TITLE: <b>COVER SHEET</b>	PROJECT ADDRESS: <b>12091 STRANG LINE ROAD OLATHE, KANSAS, 66062</b>	STATE SITE CODE: <b>015-0145</b>	DRAWN BY: <b>JMR</b>	BRAND REVIEW	PLANNING	PERMIT	09-14-21	BID	CONSTRUCTION
<p>PREPARED FOR: © 2013 McDonald's USA, LLC <b>McDonald's USA, LLC</b></p> <p>These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without written authorization. The contract documents were prepared for use on this specific site in conjunction with the use and are not suitable for use on a different project. The use of these drawings and specifications on any other project without the express written consent of the engineer is prohibited. Reproduction of the contract documents for reuse on another project is not authorized.</p>										
<p>PREPARED BY: <b>PHILIPS ENGINEERING, INC.</b> 1370 N. Winchester Olathe, Kansas 66061 (913) 393-1155 Fax (913) 393-1106 www.philipsengineering.com</p> <p><b>PLANNING ENGINEERING IMPLEMENTATION</b></p>										





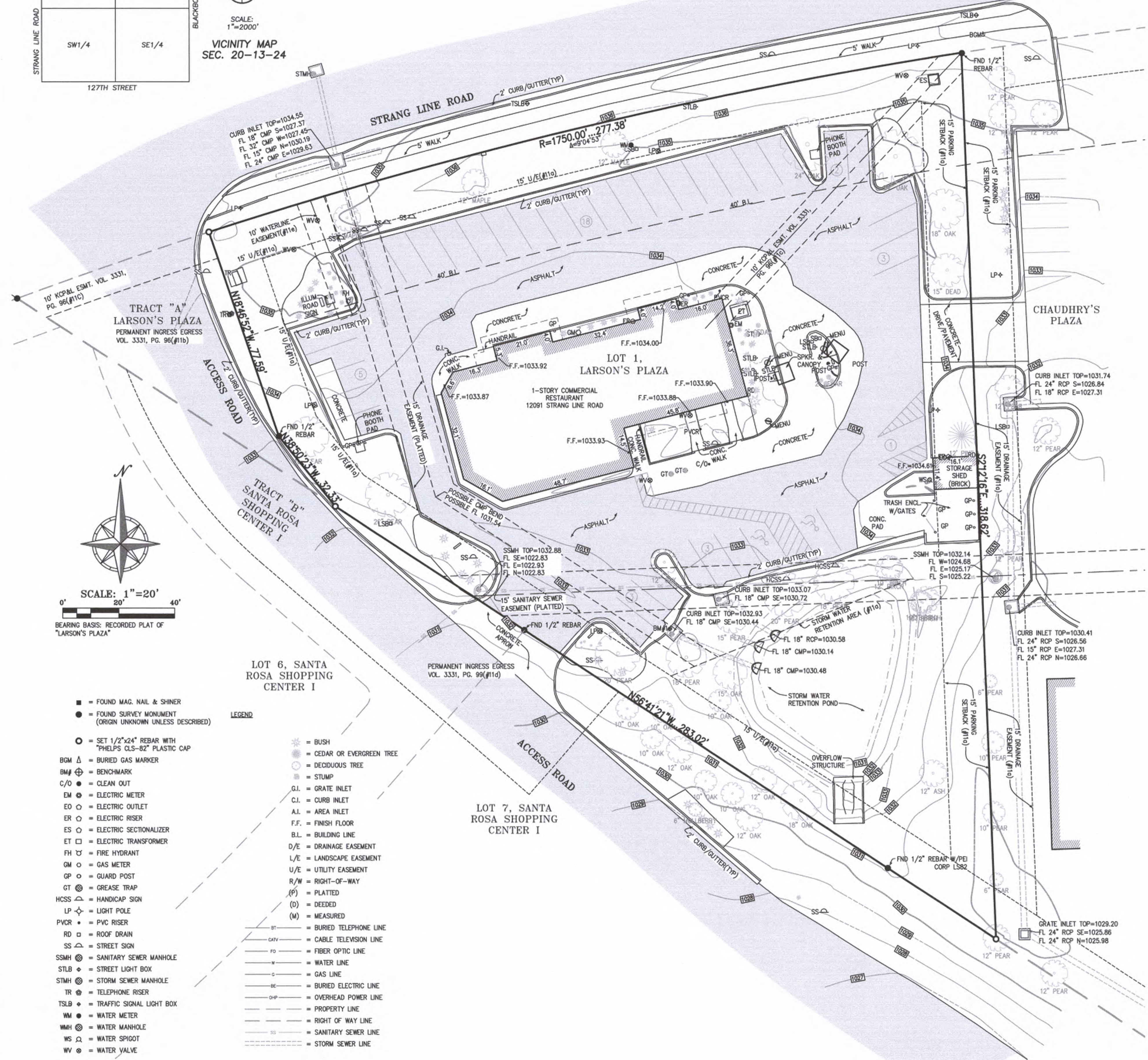
VICINITY MAP  
SEC. 20-13-24



SCALE: 1"=20'

BEARING BASIS: RECORDED PLAT OF "LARSON'S PLAZA"

- LEGEND**
- = FOUND MAG. NAIL & SHINER
  - = FOUND SURVEY MONUMENT (ORIGIN UNKNOWN UNLESS DESCRIBED)
  - = SET 1/2"x24" REBAR WITH "PHELPS CLS-82" PLASTIC CAP
  - BGM ▲ = BURIED GAS MARKER
  - BM# ⊕ = BENCHMARK
  - C/O ● = CLEAN OUT
  - EM ● = ELECTRIC METER
  - EO ○ = ELECTRIC OUTLET
  - ER ○ = ELECTRIC RISER
  - ES ○ = ELECTRIC SECTIONALIZER
  - ET □ = ELECTRIC TRANSFORMER
  - FH ⊕ = FIRE HYDRANT
  - GM ○ = GAS METER
  - GP ○ = GUARD POST
  - GT ⊕ = GREASE TRAP
  - HCSS ▲ = HANDICAP SIGN
  - LP ⊕ = LIGHT POLE
  - LP ⊕ = PVC RISER
  - RD □ = ROOF DRAIN
  - SS ▲ = STREET SIGN
  - SSMH ⊕ = SANITARY SEWER MANHOLE
  - STLB ⊕ = STREET LIGHT BOX
  - STMH ⊕ = STORM SEWER MANHOLE
  - TR ⊕ = TELEPHONE SIGN
  - TSLB ⊕ = TRAFFIC SIGNAL LIGHT BOX
  - WM ● = WATER METER
  - WMH ⊕ = WATER MANHOLE
  - WS ⊕ = WATER SPIGOT
  - WV ⊕ = WATER VALVE
  - = BUSH
  - = CEDAR OR EVERGREEN TREE
  - = DECIDUOUS TREE
  - = STUMP
  - G.I. = GRATE INLET
  - C.I. = CURB INLET
  - A.I. = AREA INLET
  - F.F. = FINISH FLOOR
  - B.L. = BUILDING LINE
  - D/E = DRAINAGE EASEMENT
  - L/E = LANDSCAPE EASEMENT
  - U/E = UTILITY EASEMENT
  - R/W = RIGHT-OF-WAY
  - (P) = PLATTED
  - (D) = DEEDED
  - (M) = MEASURED
  - BT = BURIED TELEPHONE LINE
  - CATV = CABLE TELEVISION LINE
  - FO = FIBER OPTIC LINE
  - W = WATER LINE
  - G = GAS LINE
  - BE = BURIED ELECTRIC LINE
  - OP = OVERHEAD POWER LINE
  - = PROPERTY LINE
  - = RIGHT OF WAY LINE
  - SS = SANITARY SEWER LINE
  - SS = STORM SEWER LINE



**LEGAL DESCRIPTION:**  
LOT 1 AND TRACT A, LARSON'S PLAZA, A SUBDIVISION IN THE CITY OF OLAHE, JOHNSON COUNTY, KANSAS.

**AREA = ±1.2142 ACRES / ±52,891 SQ.FT.**

**TITLE NOTE:**  
TITLE INFORMATION SHOWN HEREON WAS TAKEN FROM CHICAGO TITLE INSURANCE COMPANY OWNERSHIP AND ENCUMBRANCE REPORT WITH EASEMENTS FILE NO. 210948 AND WITH AN EFFECTIVE DATE OF APRIL 19, 2021 AT 8:00 A.M.

- PROPERTY IS SUBJECT TO:
11. RECORDED EASEMENTS:
    - a. BUILDING SETBACK LINE, PARKING SETBACK LINE, STORM WATER RETENTION AREA, DRAINAGE EASEMENT, UTILITY EASEMENT, SANITARY SEWER EASEMENT AND INGRESS-EGRESS EASEMENT SHOWN ON THE RECORDED PLAT FILED FEBRUARY 21, 1992 IN PLAT BOOK 80, PAGE 30. (SHOWN, AFFECTS THIS PROPERTY)
    - b. PERMANENT EASEMENT FOR INGRESS AND EGRESS TO THE SECRETARY OF TRANSPORTATION FILED IN VOLUME 3331, PAGE 96. (SHOWN, BENEFITS THIS PROPERTY)
    - c. PERMANENT EASEMENT FOR INGRESS AND EGRESS TO THE SECRETARY OF TRANSPORTATION FILED IN VOLUME 3331, PAGE 99. (SHOWN, BENEFITS THIS PROPERTY)
    - d. EASEMENT GRANTED TO KANSAS CITY POWER & LIGHT FILED IN VOLUME 3677, PAGE 252. (SHOWN, AFFECTS THIS PROPERTY)
    - e. WATERLINE EASEMENT TO THE CITY OF OLAHE FILED IN VOLUME 3734, PAGE 431. (SHOWN AFFECTS THIS PROPERTY)
    - f. RECIPROCAL EASEMENT AGREEMENT FILED IN BOOK 4730, PAGE 527. (BLANKET IN NATURE, AFFECTS THIS PROPERTY)

**FLOOD NOTE:**  
THIS PROPERTY LIES WITHIN ZONE X, DEFINED AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS SHOWN ON THE FLOOD INSURANCE RATE MAP PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR THE CITY OF OLAHE, COMMUNITY NO. 200173, JOHNSON COUNTY, KANSAS, MAP NO. 20091C0065G, AND DATED AUGUST 3, 2009.

**UTILITY NOTE:**  
UTILITIES SHOWN HEREON ARE SHOWN FROM FIELD LOCATES BY THE UTILITY COMPANIES OR THEIR RESPECTIVE REPRESENTATIVES AND MAPPING PROVIDED BY THE UTILITY COMPANIES AND ARE NOT THE RESULT OF AN ACTUAL DIG. PEI DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN HEREON.

BEFORE DIGGING, CONTACT THE KANSAS ONE CALL SYSTEM AT 1 800 DIG-SAFE OR 811 FOR UTILITY LOCATES. BEFORE DIGGING, CONTACT THE MISSOURI ONE CALL SYSTEM AT 1 800 DIG-RITE OR 811 FOR UTILITY LOCATES.

KANSAS ONE CALL TICKET #21201139

ATMOS ENERGY	866-322-8667
1ATT DISTRIBUTION	800-778-9140
COMCAST CABLE	800-778-9140
EVERGY	785-249-1948
GOOGLE FIBER INC.	913-486-5018
MOI	800-289-342
OLATHE	785-249-1948

- SURVEY NOTES:**
1. THERE ARE 37 PARKING STALLS, WHICH INCLUDES 2 HANDICAP STALLS. PARKING STALLS ARE MARKED WITH STRIPES AS SHOWN HEREON.
  2. THERE IS NO VISIBLE EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS.
  3. THERE IS NO VISIBLE EVIDENCE OF SITE USE AS A SOLID WASTE DUMP, SUMP, OR SANITARY LANDFILL.
  4. ONE COMMERCIAL RESTAURANT BUILDING AND ONE STORAGE SHED EXISTS ON THE SURVEYED PROPERTY.
  5. CONTOURS SHOWN HEREON ARE AT 1 FOOT INTERVALS.
  6. THERE ARE NO VISIBLE ENCROACHMENTS ONTO THE SUBJECT PROPERTY BY STREETS, ALLEYS, BUILDINGS, STRUCTURES OR OTHER IMPROVEMENTS, EXCEPT AS SHOWN ON THIS SURVEY.

**BENCHMARK:** BASIS NAVD 88  
PROJECT: JCBM #489 - 2" ALUMINUM MONUMENT TOP OF SOUTHEAST HUBGARD 119TH STREET BRIDGE OVER I-35.  
ELEVATION = 1081.06

BM 1. SET SQUARE CUT ON CENTER FRONT FACE CURB INLET AT SOUTHEAST CORNER OF 12091 SOUTH STRANG LINE ROAD PARKING LOT.  
ELEVATION = 1032.93

**CERTIFICATION:**  
I, SCOTT G. CHRISMAN, HEREBY CERTIFY THAT I OR SOMEONE UNDER MY DIRECT SUPERVISION HAVE MADE A SURVEY OF THE ABOVE DESCRIBED TRACT OF LAND AND THE RESULTS OF SAID SURVEY ARE CORRECTLY REPRESENTED ON THIS PLAT.



**PREPARED FOR:**  
MCDONALD'S CORPORATION, A DELAWARE CORPORATION

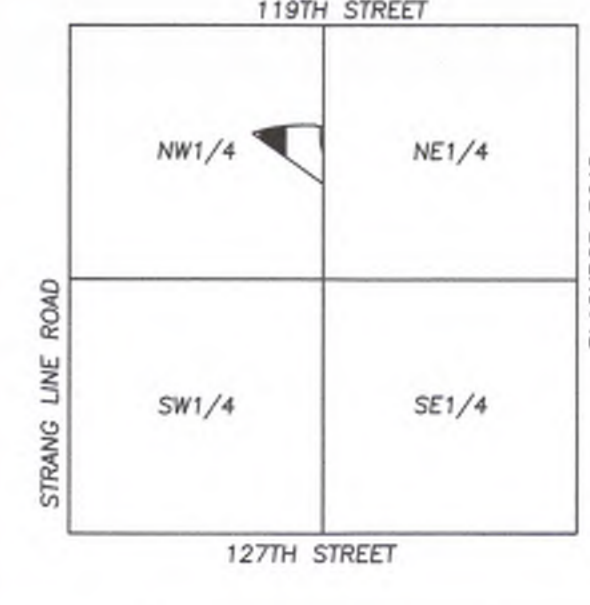
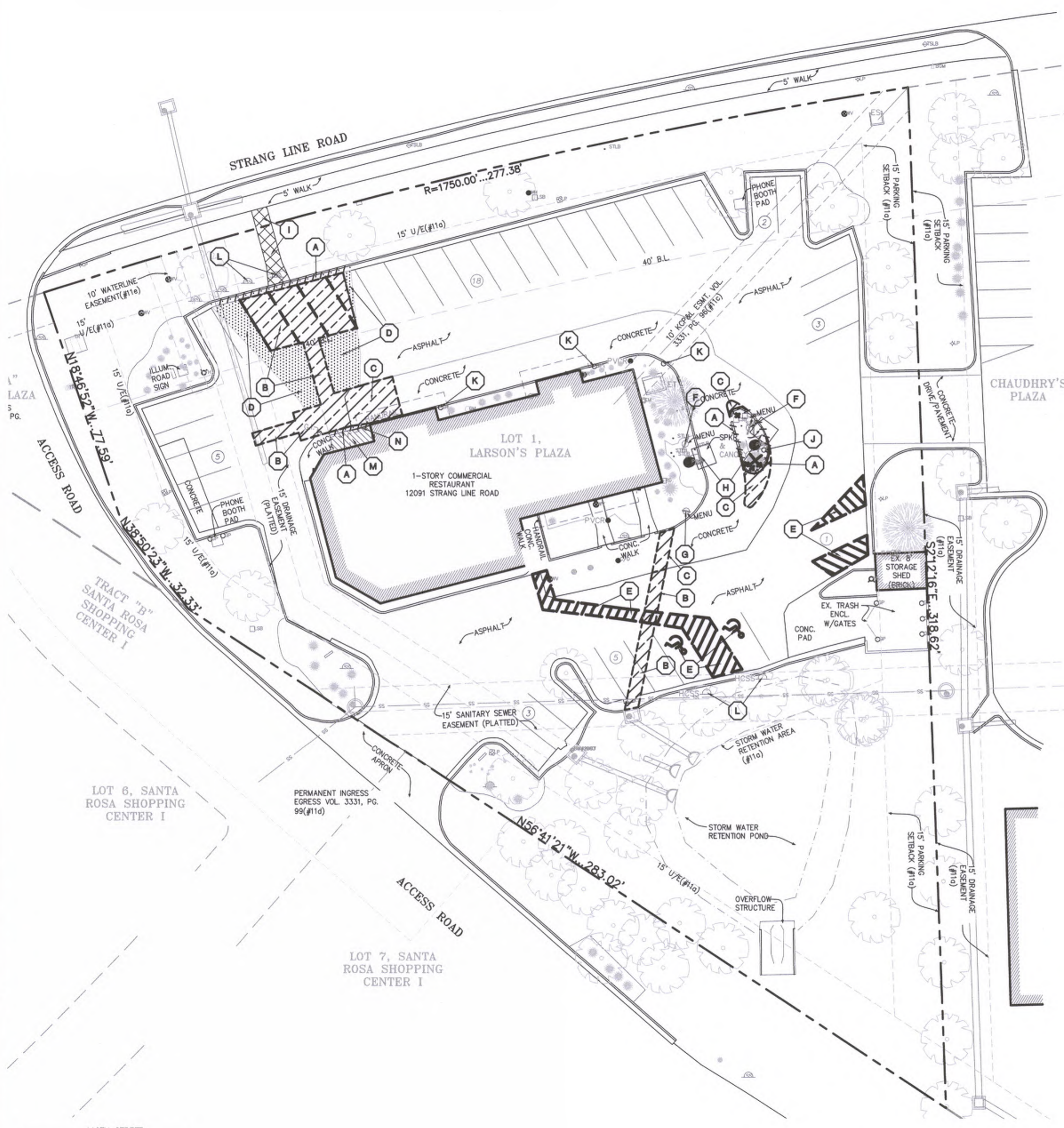
**PHELPS ENGINEERING, INC.**  
1520 N. Winchener  
Olathe, Kansas 66061  
(913) 393-1155  
Fax: (913) 393-1166  
www.phelpsengineering.com

PLANNING  
ENGINEERING  
IMPLEMENTATION

**SITE SURVEY**  
MCDONALD'S 12091 STRANG LINE ROAD  
OLATHE, KANSAS 66062  
LOT 1, LARSON'S PLAZA

PROJECT NO.	180409	Date	5/20/2021
DATE:	5/20/2021	By:	SCG
DRAWN:	DM	App:	
CHECKED:	DM	Revisions:	
CERTIFICATE OF AUTHORIZATION			
KANSAS ENGINEERING NO. 1515-1506			
EXPIRES 12/31/2026			
CERTIFICATE OF AUTHORIZATION			
MISSOURI ENGINEERING NO. 2007001128			
EXPIRES 12/31/2026			

\\PHILIPS-SERVER\Projects\186405\Draw\Site Plans\Existing\_Demo.dwg Layout:1 Sep 24, 2021 - 10:32am Mark Reschner



SCALE: 1"=2000'  
VICINITY MAP  
SEC. 20-13-24



**UTILITY NOTES:**  
VISUAL INDICATIONS OF UTILITIES ARE AS SHOWN. UNDERGROUND LOCATIONS SHOWN, AS FURNISHED BY THEIR LESSORS, ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION. FOR ACTUAL FIELD LOCATIONS OF UNDERGROUND UTILITIES.

LEGEND:	
	EXISTING LANDSCAPE TO BE REMOVED
	EXISTING PAVEMENT TO BE REMOVED
	EXISTING CURB TO BE REMOVED
	2" MILL
	EXISTING SIDEWALK TO BE REMOVED
	OHP — EXISTING OVERHEAD POWER
	—W— EXISTING WATERLINE
	—G— EXISTING GAS LINE
	—BE— EXISTING BURIED ELEC.
	—BT— EXISTING BURIED TELEPHONE
	—STM— EXISTING STORM SEWER
	—F— EXISTING FIRE HYDRANT (EXISTING)
	---968--- EXISTING CONTOURS
	---970--- EXISTING CONTOURS
	— — — — — PROPERTY LINE
	— — — — — SAWCUT FULL DEPTH
	— X — TREE/SHRUB TO BE REMOVED

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**BENCHMARK:**

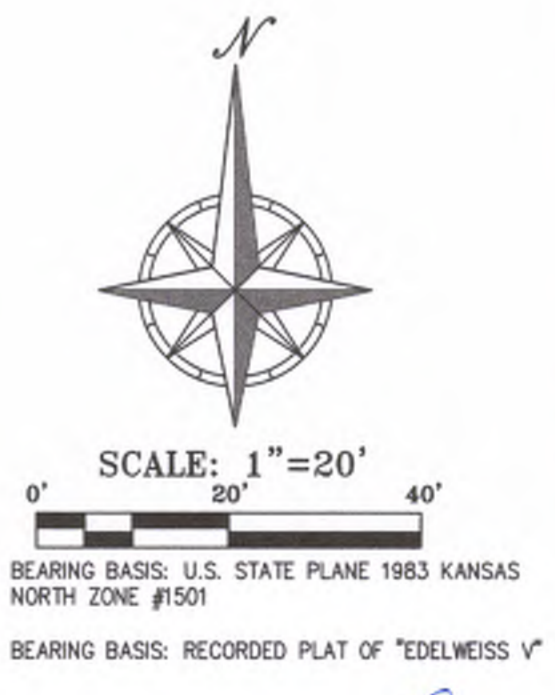
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PROJECT: JCBM #489 - 2" ALUMINUM MONUMENT TOP OF SOUTHEAST HUBGUARD 119TH STREET BRIDGE OVER I-35.  
ELEVATION = 1081.06  
BM 1. SET SQUARE CUT ON CENTER FRONT FACE CURB INLET AT SOUTHEAST CORNER OF 12091 SOUTH STRANG LINE ROAD PARKING LOT.  
ELEVATION = 1032.93

**DEMOLITION KEY NOTES:**

- (A) REMOVE EXISTING CURB
- (B) SAWCUT & REMOVE EXISTING ASPHALT PAVEMENT (FULL DEPTH)
- (C) SAWCUT & REMOVE EXISTING CONCRETE PAVEMENT (FULL DEPTH)
- (D) 2" MILL OF EXISTING ASPHALT PAVEMENT
- (E) ERADICATE EXISTING PAVEMENT MARKINGS
- (F) USE-IN-PLACE EXISTING DIGITAL MENU BOARD
- (G) USE-IN-PLACE EXISTING DIGITAL PRE-SELL BOARD
- (H) REMOVE EXISTING CANOPY
- (I) REMOVE EXISTING LANDSCAPING
- (J) REMOVE EXISTING BOLLARD
- (K) EXISTING BOLLARD TO REMAIN
- (L) REMOVE EXISTING SIGN
- (M) REMOVE EXISTING CONCRETE SIDEWALK
- (N) REMOVE EXISTING HANDRAIL

**DEMOLITION NOTES:**

- THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSAL (IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES) ALL CURBS, PARKING, DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL.
- THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
- DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
- CONTRACTOR MUST COORDINATE WITH OWNER PRIOR TO ANY CONSTRUCTION TO ESTABLISH CUSTOMER ACCESS AND TRAFFIC FLOW DURING ALL PHASES

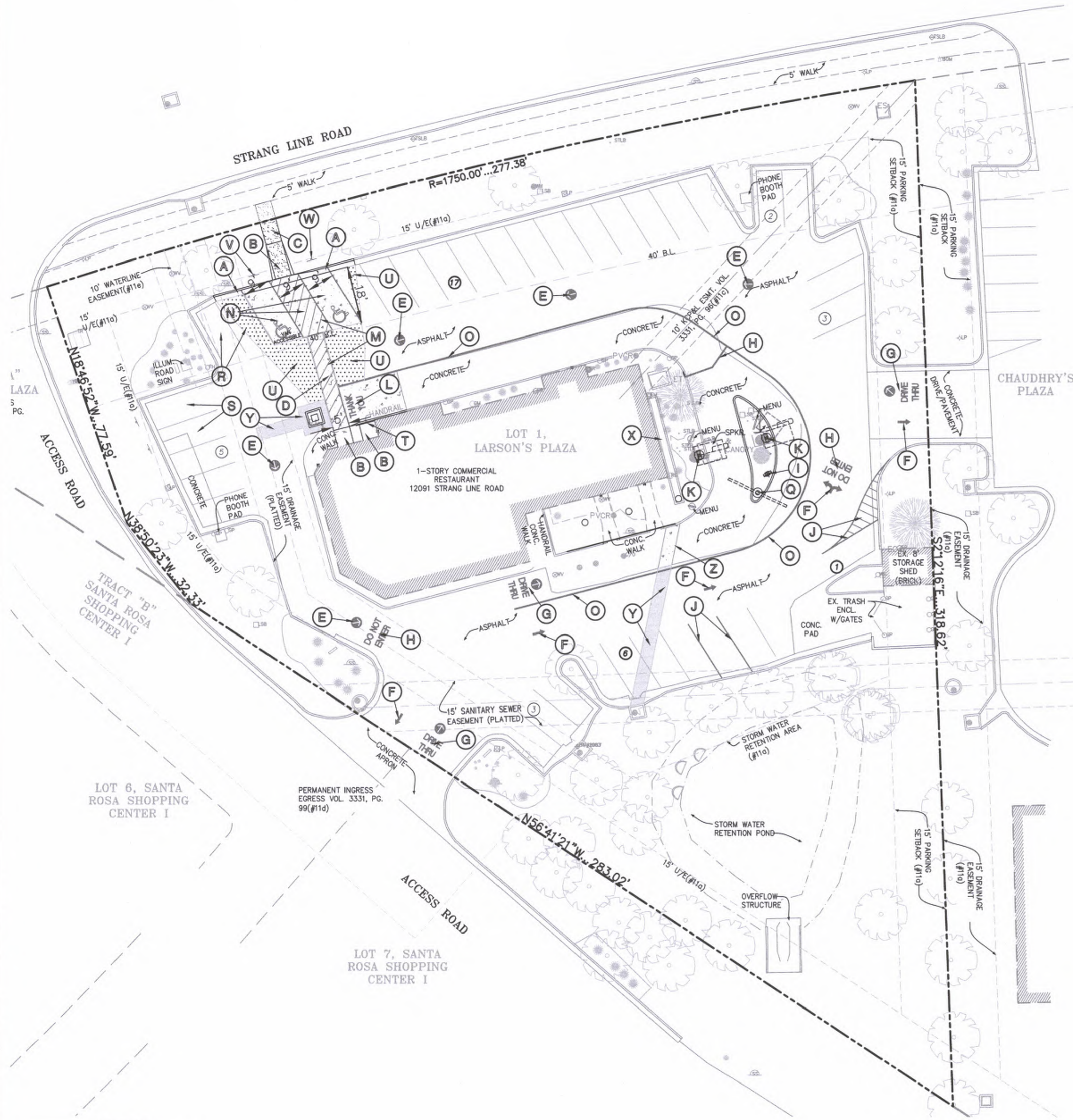


DRAWING TITLE: <b>DEMOLITION PLAN</b>		STATE SITE CODE: 015-0145	DRAWN BY: MR
BRAND REVIEW: PLANNING	PERMIT: 09-14-21	PROJECT ADDRESS: 12091 STRANG LINE ROAD OLATHE, KANSAS, 66062	PROJECT CAD FILE: 186405
PREPARED FOR: <b>McDonald's USA, LLC</b>		DRAWING NO.: <b>C3</b>	
PREPARED BY: <b>PHILIPS ENGINEERING, INC.</b>		DATE:	
1370 N. Winchester Olathe, Kansas 66061 (913) 993-1155 Fax: (913) 993-1106 www.philipsengineering.com		DESCRIPTION:	
PLANNING ENGINEERING IMPLEMENTATION		REV:	
		BY:	

**LEGAL DESCRIPTION:**

LOT 1 AND TRACT A, LARSON'S PLAZA, A SUBDIVISION IN THE CITY OF OLATHE, JOHNSON COUNTY, KANSAS.

AREA = ±1.2142 ACRES / ±52,891 SQ.FT.



**SITE KEY NOTES:**

- (A) CONSTRUCT 2' HIGH BACK CURB & GUTTER. LAYDOWN CURB & GUTTER AT SIDEWALK RAMP LOCATIONS
- (B) CONSTRUCT SIDEWALK & RAMPS TO ADA SPEC'S (PRIVATE)
- (C) CONSTRUCT CONCRETE SIDEWALK (PRIVATE) PER STANDARD DETAIL
- (D) INSTALL CROSSWALK PAVEMENT MARKING 4" WIDE WHITE STRIPES, 2' O.C. @ 45' PER "PAVEMENT MARKING AND SIGNAGE NOTES" (TYP)
- (E) INSTALL YELLOW CIRCLE DIRECTIONAL ARROW PER STANDARD DETAIL
- (F) INSTALL WHITE INGRESS-EGRESS DIRECTIONAL ARROW PER STANDARD DETAIL
- (G) INSTALL YELLOW "DRIVE THRU" WITH DIRECTIONAL ARROW PAVEMENT MARKING PER STANDARD DETAIL
- (H) INSTALL WHITE "DO NOT ENTER" PER STANDARD DETAIL
- (I) INSTALL PRE-SELL BOARD FOOTING (SEE SHEET C6.4 FOR DETAIL)
- (J) INSTALL 4" WIDE WHITE PARKING STRIPES PER PAVEMENT MARKING & SIGNAGE NOTES
- (K) INSTALL "ORDER HERE" CANOPY FOOTING (SEE SHEET C6.4 FOR DETAIL)
- (L) INSTALL YELLOW "THANK YOU" PER STANDARD DETAIL
- (M) CONSTRUCT CONCRETE PAVEMENT
- (N) ACCESSIBLE PARKING SPACE TYPICAL (SEE SHEET C6.2 FOR DETAIL OF ACCESSIBLE PARKING SPACE SIZE, SIGN, AND SYMBOL)
- (O) 6" WIDE SINGLE SOLID YELLOW LINE FOR DRIVE-THRU (TYP.)
- (P) 6" WIDE SINGLE SOLID YELLOW LINE AT MERGE POINT
- (Q) INSTALL GATEWAY SIGN FOOTING (SEE SHEET C6.4 FOR DETAIL)
- (R) DRIVE THRU PULL FORWARD SPACE WITH YELLOW STRIPING & REQUIRED SIGNAGE
- (S) STRIPE & ADD SIGNAGE FOR CURB SIDE PICKUP STALL PER MCDONALDS STANDARDS
- (T) CONSTRUCT HANDRAIL
- (U) CONSTRUCT ASPHALT OVERLAY
- (V) INSTALL VAN ACCESSIBLE PARKING SIGN
- (W) INSTALL STANDARD ACCESSIBLE PARKING SIGN
- (X) CONSTRUCT CONCRETE FLUME ALONG BUILDING FOR DRAINAGE
- (Y) REMOVE & REPLACE ASPHALT PAVEMENT (SEE DETAIL SHEET C6.1)
- (Z) REMOVE & REPLACE CONCRETE PAVEMENT (SEE DETAIL SHEET C6.1)

**GENERAL NOTES:**

1. The major road signs and bases and all installation is part of the sign contractor's package. Conduit and wire to the signs installed by GC and cost paid by the operator. The concrete base for the sign is included as part of the sign cost and paid for by the operator.
2. Entrance and exit signs, drive-thru menu boards and flagpoles, including the installation, are part of the sign contractor's package. Bases and wiring to the signs and conduit are installed by GC and costs paid by the operator.
3. Lot lighting supplier note: light for American flag illumination to be located on building near the flag when required.
4. Bases for flagpoles are by the General Contractor. Anchor bolts are by other.
5. Proposed utilities are shown in schematic only. Exact locations shall be determined to allow for the most economical installation.
6. 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 services entrance locations, sizes, and circuiting.
7. All elevations shown are in reference to the benchmark and must be verified by the General Contractor at groundbreak.
8. Finish walk and curb elevations shall be 6" above finish pavement.
9. All landscape areas shall be rough graded to 6" below top of all walks and curbs, finish grading, landscaping, and sprinkler systems are by the owner/operator.
10. Lot lighting concrete footings to conform with the soils report recommendations for this particular site.
11. The General Contractor shall confirm which type of foundation is to be used by the sign company installing the on-site road sign prior to pouring any adjacent curbs and pavement.
12. See menu board detail sheets for conduit sizes verify board locations and angles with project manager.
13. See site details for lot striping information and specifications.
14. All concrete walks to be 4" thick and broom finished.
15. Bases, anchor bolts, conduit, and wiring for all other signs are by the General Contractor.
16. Any work performed in the state R.O.W. shall be per DOT guidelines and standard specifications.
17. All exposed concrete corners to be chamfered and/or to have RADII
18. All exposed concrete curbs, sidewalks, slabs, pavements and foundations shall be treated with an aquon concrete treatment as manufactured by Aquon, or approved equivalent.
19. The compaction requirements for all fill materials(s) placed anywhere on McDonald's Corporation property shall be 100% of the standard proctor (ASTM D-698).
20. The general contractor is responsible for demolition of any remaining site improvements prior to construction.
21. All joints where new pavement adjoins existing pavement shall be saw cut, to insure a straight clean line, or will be carried to the next expansion joint on DOT R.O.W. where feasible.
22. All curb faces and pavement elevations shall match adjoining curbing and pavement exactly.
23. Stabilize and grass all slopes to prevent erosion, and sod or hydro-seed slopes over 2:1 unless otherwise specified. See grading plan.
24. All dimensions are given to the back of curb.
25. Contractor to use topographic survey in conjunction with this site plan for location and sizes of existing features.
26. If concrete drip aprons are used in parking stalls against a retaining wall, GC to provide 1/2" expansion joint between drip apron and wall.
27. Contractor shall be responsible for obtaining all permits required by governing authority including but not limited to Public Works, right-of-way, hauling, land disturbance, demolition/building, etc.

**ADDITIONAL GENERAL NOTES:**

1. The Contractor shall have one (1) signed copy of the plans (approved by the City) and one (1) copy of the appropriate Design and Construction Standards and specifications at the job site at all times.
2. Construction of improvements shown or implied by this set of drawings shall not be initiated or any part thereof undertaken until the City Engineer is notified of such intent and all required and properly executed bonds are received and approved by the City Engineer.
3. All existing utilities indicated on the drawings are according to the best information available to the Engineer; however, all utilities actually existing may not be shown. Utilities damaged through the negligence of the Contractor to obtain the location of same shall be repaired or replaced by the Contractor at his expense.
4. Contractor shall not be allowed to work Sundays or holidays. Saturday work shall be as approved by the City Engineer or Project Engineer.
5. Relocation of any utility required for the construction of this project shall be the responsibility of the Contractor and shall be at his expense as a subsidiary obligation.
6. All storm sewer pipe shall be Class III RCP, unless otherwise noted.
7. Street Contractor shall install curb inlet grates at the time of curb installation.
8. All existing site improvements shall be demolished and disposed off-site.

**FLOOD NOTE:**

THIS PROPERTY LIES WITHIN ZONE X, DEFINED AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS SHOWN ON THE FLOOD INSURANCE RATE MAP PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR THE CITY OF OLATHE, COMMUNITY NO. 200173, JOHNSON COUNTY, KANSAS, MAP NO. 20091C00650, AND DATED AUGUST 3, 2009.

**SITE DIMENSION NOTES:**

1. BUILDING TIES SHOWN ARE TO THE OUTSIDE FACE OF PROPOSED WALLS. THE SUBCONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR SPECIFIC DIMENSIONS AND LAYOUT INFORMATION FOR THE BUILDINGS.
2. ALL DIMENSIONS SHOWN FOR THE PARKING LOT AND CURBS ARE MEASURED FORM BACK OF CURB TO BACK OF CURB.

**BENCHMARK:**

BASIS NAVD 88  
 PROJECT: JOBM #489 - 2" ALUMINUM MONUMENT TOP OF SOUTHEAST HUBGUARD 119TH STREET BRIDGE OVER I-35.  
 ELEVATION = 1081.06  
 BM 1. SET SQUARE CUT ON CENTER FRONT FACE CURB INLET AT SOUTHEAST CORNER OF 12091 SOUTH STRANG LINE ROAD PARKING LOT.  
 ELEVATION = 1032.93

**NOTE:**

SIGNAGE IS NOT APPROVED WITH THIS APPLICATION. ALL SIGNS REQUIRE SEPARATE PERMITS AND MUST MEET THE REQUIREMENTS OF UDO, SECTION 18.50.190.

**LEGEND**

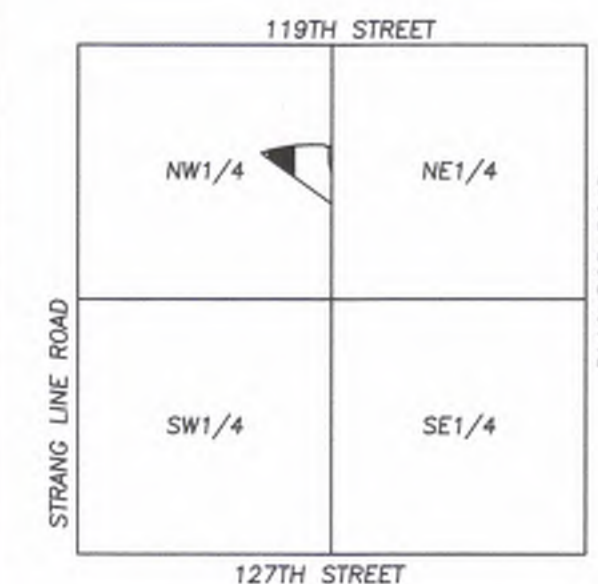
- CONCRETE SIDEWALK
- CONCRETE PAVEMENT
- PROPOSED 2" MILL & OVERLAY ASPHALT
- PROPOSED 2' CURB & GUTTER
- PROPOSED PARKING SPACES
- PROPOSED LIGHT POLE
- PROPERTY LINE

**BUILDING & LOT DATA**

LOT	1.21 AC/52,891 S.F.
EXISTING ZONING	C-2
BUILDING (1 STORY) - RESTAURANT	4,695 S.F.

**PARKING SUMMARY**

RESTAURANT	34 SPACES
TOTAL PARKING PROVIDED ON-SITE	2 SPACES
HANDICAP PARKING SPACES PROVIDED	
PARKING REQUIRED:	1 SP. / 3 SEATS (72 SEATS)
TOTAL PARKING REQUIRED	24 SPACES
HANDICAP PARKING SPACES REQUIRED	2 SPACES
CURRENT TOTAL PARKING PROVIDED	34 SPACES
NET PARKING DECREASE	0 SPACES



PREPARED FOR: **McDonald's USA, LLC**  
 2013 McDonald's USA, LLC  
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PREPARED BY: **PHELPS ENGINEERING, INC.**  
 1270 N. Winchester  
 Olathe, Kansas 66061  
 (913) 393-1155  
 Fax: (913) 393-1166  
 www.phelpsenr.com

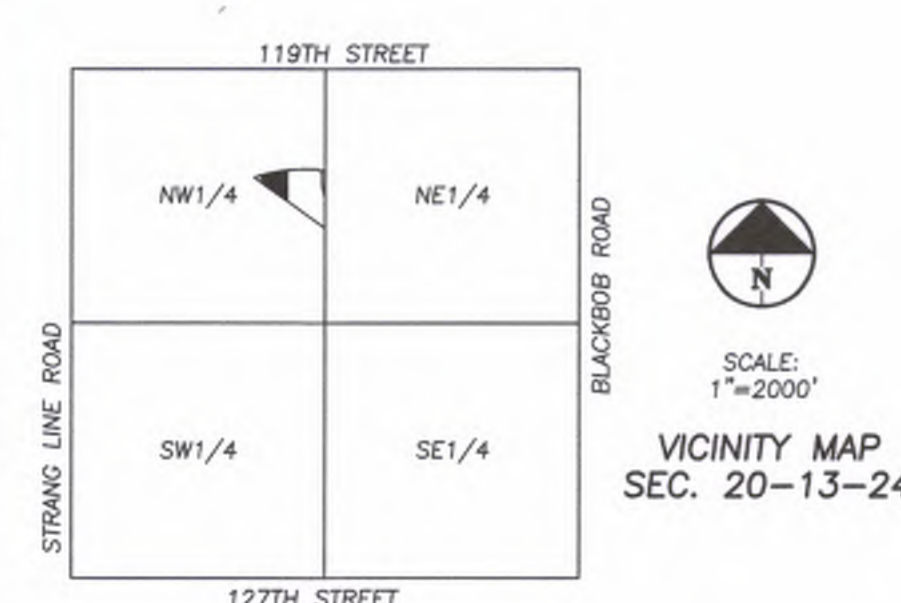
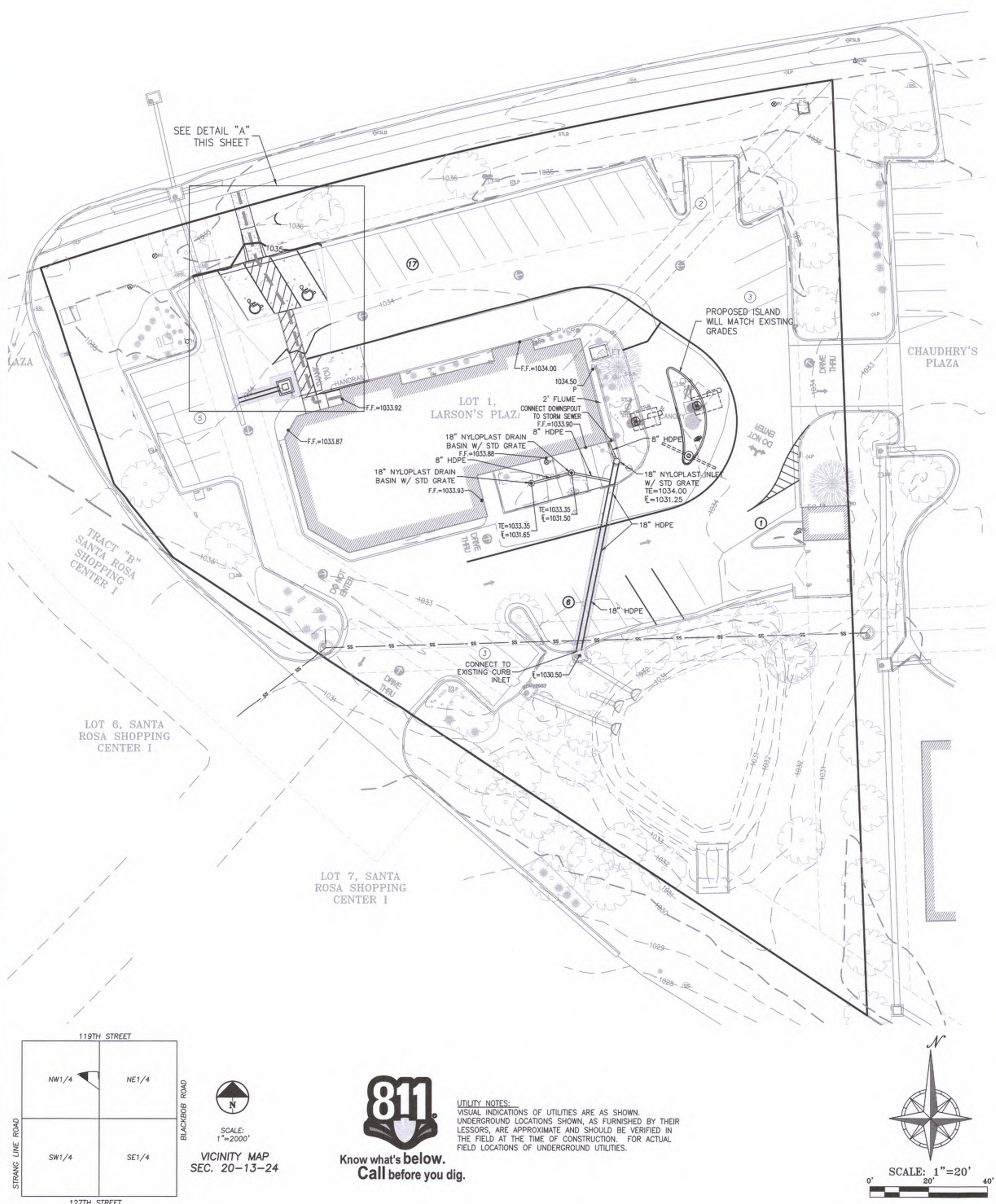
PLANNING  
 IMPLEMENTATION

BRAND REVIEW: PLANNING  
 PERMIT: 09-14-21  
 BID: CONSTRUCTION

DRAWING TITLE: **SITE PLAN**  
 PROJECT ADDRESS: **12091 STRANG LINE ROAD  
 OLATHE, KANSAS, 66062**  
 STATE SITE CODE: 015-0145  
 DRAWN BY: MRR  
 PROJECT CAD FILE: 180409

SHEET NO. **C4**

\\PHILIPS-SERVER\Projects\160405\Draw\Site Plans\Grading Plan.dwg Layout:1 Sep 24, 2021 - 10:32am Mark Reasner



**811**  
Know what's below.  
Call before you dig.

**UTILITY NOTES:**  
VISUAL INDICATIONS OF UTILITIES ARE AS SHOWN. UNDERGROUND LOCATIONS SHOWN, AS FURNISHED BY THEIR LESSORS, ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION. FOR ACTUAL FIELD LOCATIONS OF UNDERGROUND UTILITIES.

**SITE GRADING NOTES:**

- CONTOURS AND ELEVATIONS: Existing 1' and proposed 1' contours are shown on plans. Proposed contours and elevations shown represent approximate finish grade. Contractor shall hold down subgrades to allow for pavement and sub-base thicknesses.
- If the contractor does not accept existing topography as shown on the plans, without exception, he shall have made at his expense, a topographic survey by a registered land surveyor and submit it to the owner for review.
- CLEARING AND GRUBBING: Prior to beginning preparation of subgrade, all areas under pavements or building shall be stripped of all topsoil, vegetation, large rock fragments (greater than 6 inches in any dimension) and any other deleterious material. The actual stripping depth should be based on visual examination during construction and the results of proof-rolling operations. The root systems of all trees (not designated to remain) shall be removed in their entirety. Stripping materials shall not be incorporated into structural fills.
- TOPSOIL STRIPPING: Prior to the start of site grading, the contractor shall strip all topsoil from areas to be graded and stockpile at a location on or adjacent to the site as directed by the owner. At completion of grading operations and related construction, the contractor will be responsible for redistribution of topsoil over all areas disturbed by the construction activities. Topsoil shall be placed to a minimum depth of six inches (6") and in accordance with specifications for landscaping. At that time and prior to the installation of landscaping or irrigation, all topsoil graded areas shall be visually inspected and accepted by the owner and IFL.
- Contractor shall adjust and/or cut existing pavement as necessary to assure a smooth fit and continuous grade. Contractor shall assure positive drainage away from buildings for all natural and paved areas.
- SUBGRADE PREPARATION: Prior to placement of new fill material, the existing subgrade shall be proofrolled and approved under the direction of the Geotechnical Engineer or his representative.
- PROOFROLLING: Subsequent to completion of stripping and over-excavation, all building and pavement areas to receive engineered fill should be systematically proof-rolled using a tandem axle dump truck loaded to approximately 20,000 pounds per axle. Also, any finished subgrade areas to receive paving shall be proof-rolled within 48 hours of paving. Unsuitable soils that are detected and that can not be recompacted should be over-excavated and replaced with controlled structural fill.
- EARTHWORK:
  - GEOTECHNICAL: All earthwork shall conform to the recommendations of the Geotechnical report. Said report and its recommendations are herein incorporated into the project requirements by reference. Prior to beginning construction, the contractor shall obtain a copy of and become familiar with the geotechnical report. Unless specifically noted on the plans, the recommendations in the geotechnical report are hereby incorporated into the project requirements and specifications.
  - SURFACE WATER: Surface water shall be intercepted and diverted during the placement of fill.
  - FILLS: All fills shall be considered controlled or structural fill and shall be free of vegetation, organic matter, topsoil and debris. In areas where thickness of the engineered fill is greater than five feet building and pavement construction should not commence until so authorized by the on-site geotechnical engineer to allow for consolidation.
  - EXISTING SLOPES: Where fill material is to be placed on existing slopes greater than 5:1 (horizontal to vertical), existing slope shall be benched providing a minimum vertical face of twelve inches (12"). The benches should be cut wide enough to accommodate the compaction equipment. Fill material shall be placed and compacted in horizontal lifts not exceeding nine inches (9") (loose lift measurement), unless otherwise approved by the Geotechnical Engineer.
  - COMPACTION REQUIREMENTS: The upper 9 inches of pavement subgrade areas shall be compacted to a minimum density of ninety five percent (95%) of the material's maximum dry density as determined by ASTM D698 (standard proctor compaction). The moisture content at the time of placement and compaction shall within a range of 0% below to 4% above optimum moisture content as defined by the standard proctor compaction procedure. The moisture contents shall be maintained within this range until completion of the work. Where compaction of earth fill by a large roller is impractical or undesirable, the earth fill shall be hand compacted with small vibrating rollers or mechanical tampers.
- All cut or fill slopes shall be 3:1 or flatter. All asphalt parking areas shall be a minimum of 1% slope but not more than 5% slope unless otherwise noted. All pavements within ADA parking areas shall not exceed 2% total slope. All grades around building shall be held down 6" from finish floor and slope away another 6" in 10 feet. Contractor shall notify engineer prior to final subgrade construction of any areas not within this slope requirement.
- TESTING AND INSPECTION: Owner's Independent Testing Laboratory (ITL) shall make tests of earthwork during construction and observe the placement of fills and other work performed on this project to verify that work has been completed in accordance with Geotechnical Engineering Report, Project Specifications and within industry standards. The ITL will be selected by the owner and the cost of testing will be the owner's responsibility.
- CLASSIFICATION: All excavation shall be considered unclassified. No separate or additional payments shall be made for rock excavation.
- SEEDING: All areas disturbed by earthwork operations shall be seeded.
- UTILITIES: The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies, and where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor must call the appropriate utility companies at least 48 hours before any excavation to request exact field location of utilities. It shall be the responsibility of the contractor to relocate all existing utilities which conflict with the proposed improvements shown on the plans.
- LAND DISTURBANCE: The contractor shall adhere to all terms & conditions as outlined in the EPA or applicable state N.P.D.E.S. permit for storm water discharge associated with construction activities. refer to project S.W.P.P.P. requirements.

**UTILITY NOTE:**

UTILITIES SHOWN HEREON ARE SHOWN FROM FIELD LOCATES BY THE UTILITY COMPANIES OR THEIR RESPECTIVE REPRESENTATIVES AND MAPPING PROVIDED BY THE UTILITY COMPANIES AND ARE NOT THE RESULT OF AN ACTUAL DIG. PE DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN HEREON.  
BEFORE DIGGING, CONTACT THE KANSAS ONE CALL SYSTEM AT 1 800 DIG-SAFE OR 811 FOR UTILITY LOCATES.  
KANSAS ONE CALL TICKET #21201139

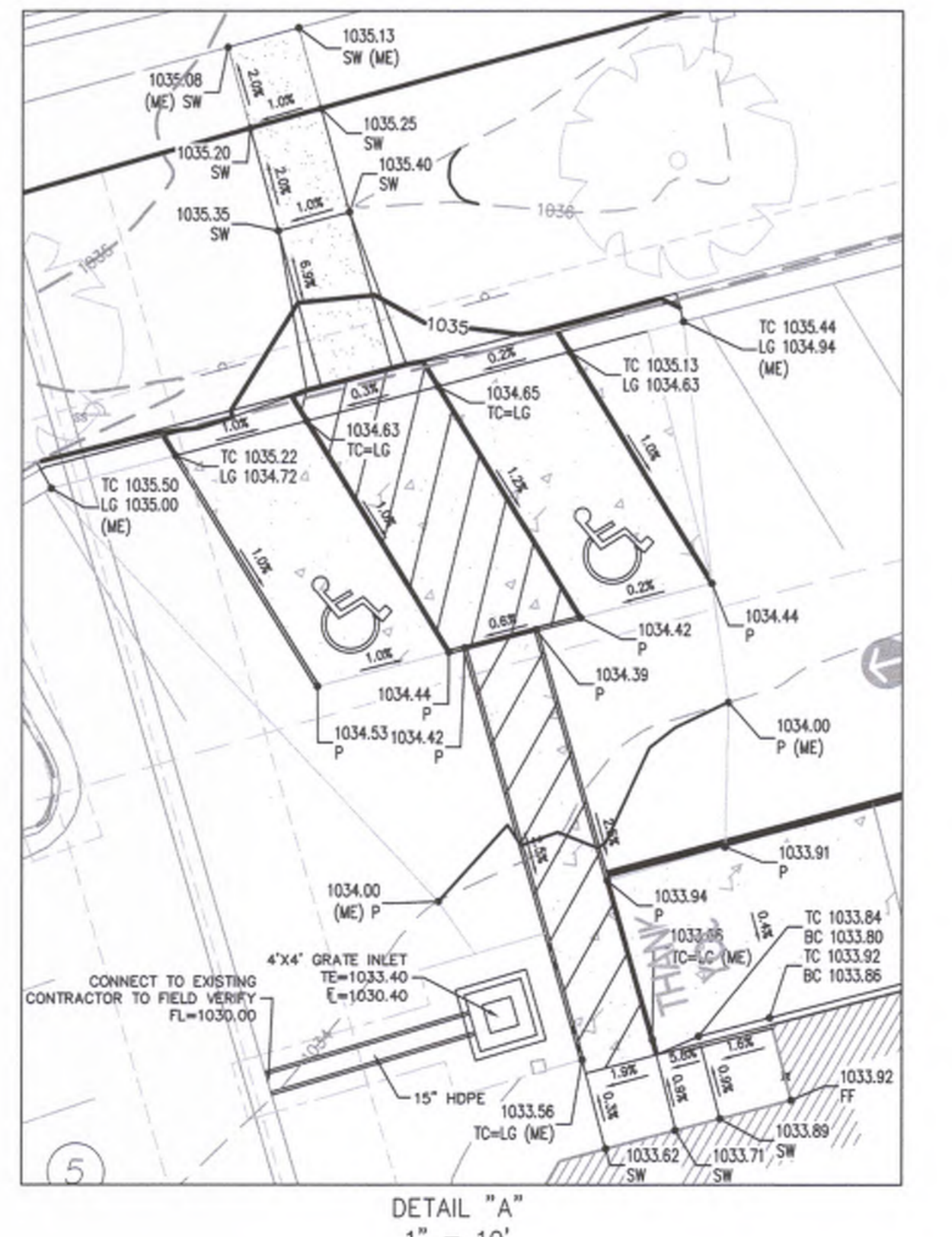
ATMOS ENERGY	866-322-8667
IATT DISTRIBUTION	800-778-9140
COMCAST CABLE	800-778-9140
EVERGY	785-249-1948
GOOGLE FIBER INC.	913-486-5018
MO	800-289-342
OLATHE	785-249-1948

**FLOOD NOTE:**

THIS PROPERTY LIES WITHIN ZONE X, DEFINED AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS SHOWN ON THE FLOOD INSURANCE RATE MAP PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR THE CITY OF OLATHE, COMMUNITY NO. 200173, JOHNSON COUNTY, KANSAS, MAP NO. 2009100065G, AND DATED AUGUST 3, 2009.

**BENCHMARK:**

BASIS NAVD 88  
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ELEVATION = 1081.06  
BM 1. SET SQUARE CUT ON CENTER FRONT FACE CURB INLET AT SOUTHEAST CORNER OF 12091 SOUTH STRANG LINE ROAD PARKING LOT.  
ELEVATION = 1032.93



**ADA PATH NOTE:**

THE CONTRACTOR SHALL BE RESPONSIBLE THAT THE SIDEWALK/CROSSWALK SHALL NOT EXCEED 2% CROSS SLOPE OR 5% RUNNING SLOPE (IN THE DIRECTION OF TRAVEL, EXCEPT AT RAMP LOCATIONS).

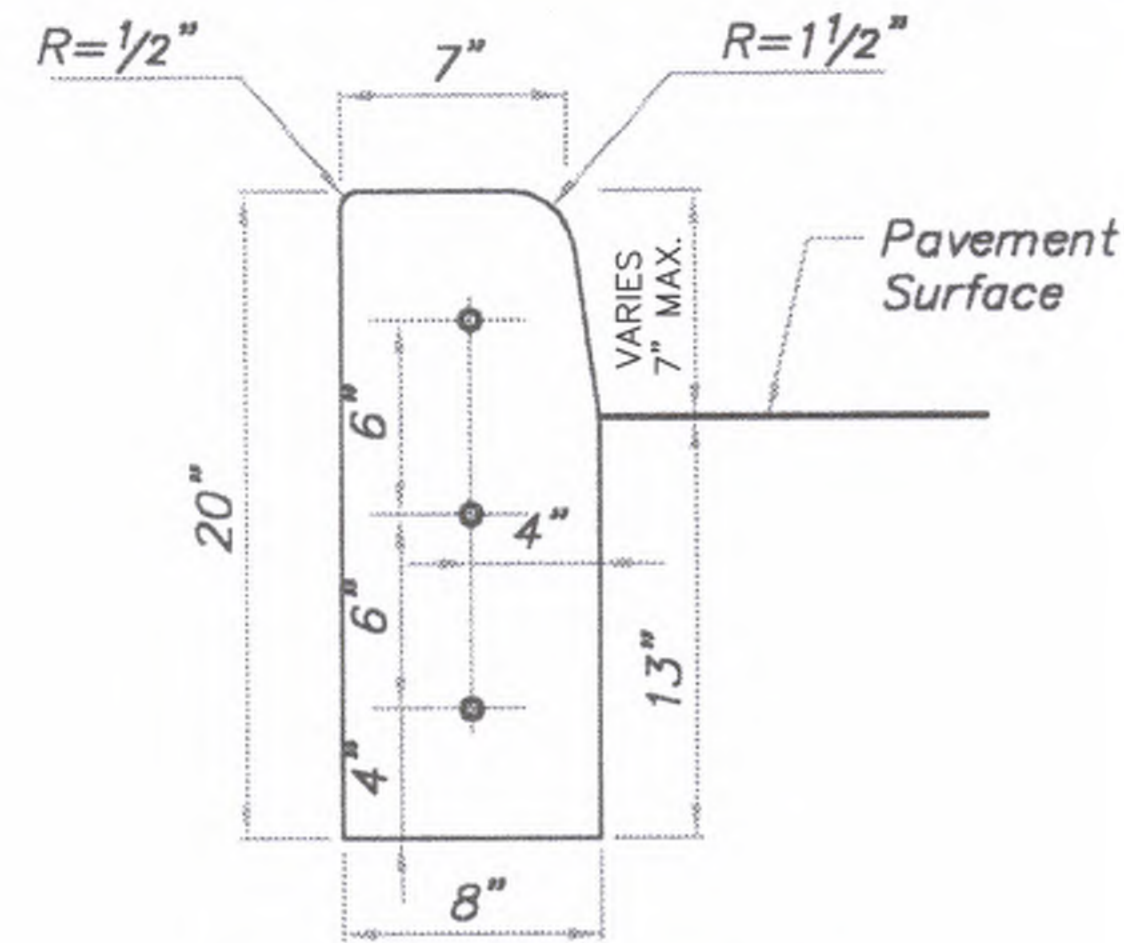
**LEGEND**

- 968 — EXISTING CONTOURS
- - - 968 - - - PROPOSED CONTOURS
- PROPERTY LINE
- DRY CURB
- ADA ROUTE
- DRAINAGE PATH
- PROPOSED SPOT ELEVATION

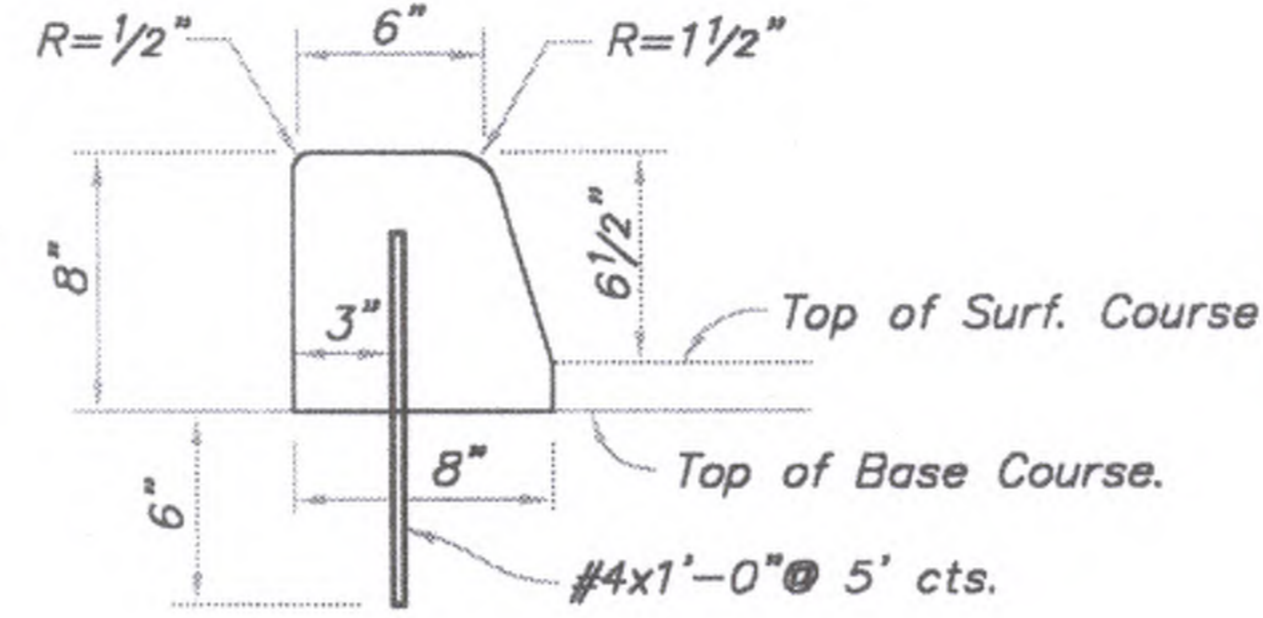
LG	LIP OF GUTTER
TC	TOP OF CURB
SW	SIDEWALK
ME	MATCH EXISTING
HP	HIGH POINT
LP	LOW POINT
P	TOP OF PAVEMENT
TE	TOP OF STRUCTURE
GR	GROUND ELEVATION
RD	ROOF DRAIN
DS	DOWN SPOUT



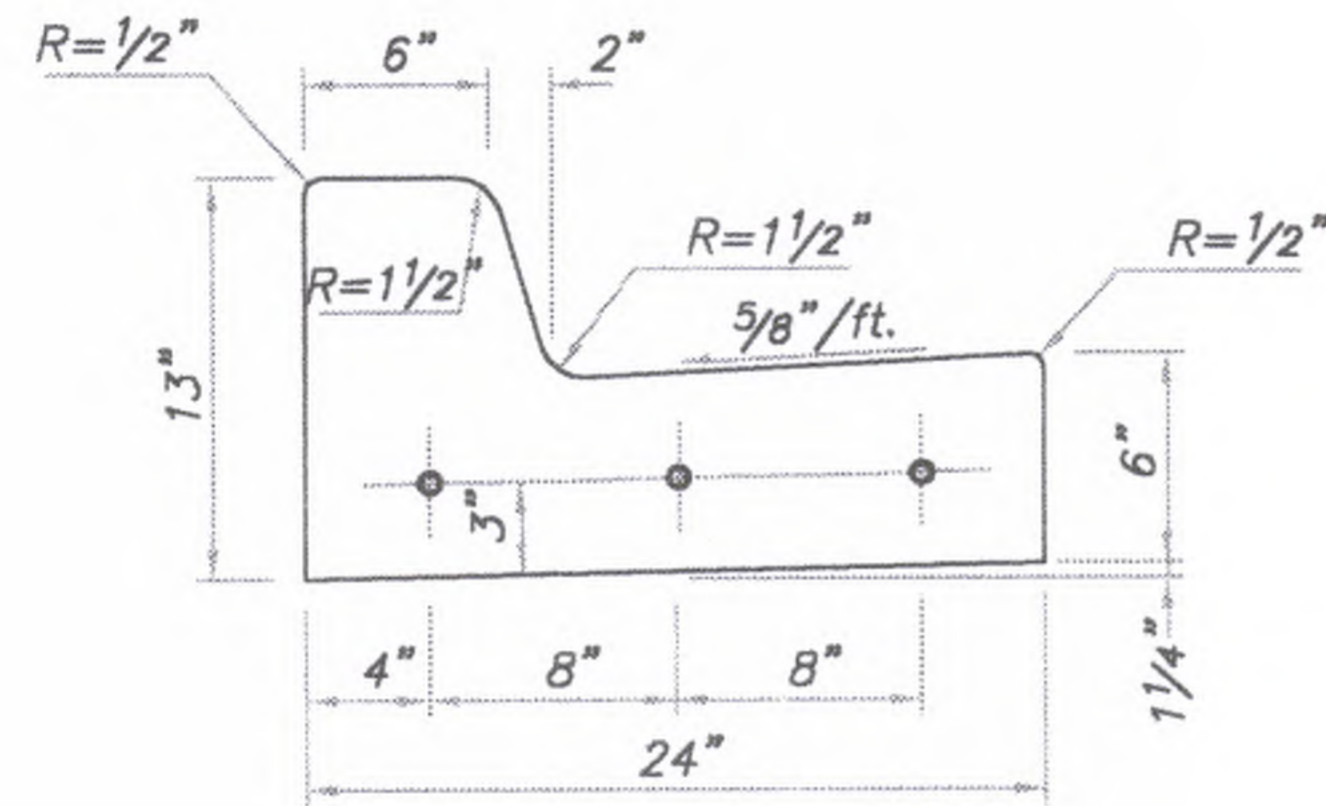
PREPARED BY:	PHILIPS ENGINEERING, INC. 1370 N. Winchester Olathe, Kansas 66061 (913) 393-1055 Fax: (913) 993-1106 www.philipsengineering.com	
PLANNING	PHILIPS ENGINEERING, INC.	
IMPLEMENTATION	PHILIPS ENGINEERING, INC.	
PREPARED FOR:	© 2013 McDonald's USA, LLC <b>McDonald's USA, LLC</b> These drawings and specifications are the confidential and proprietary property of McDonald's USA, LLC and shall not be copied or reproduced without the written authorization of McDonald's USA, LLC. The contract documents were prepared for use on this specific site in conjunction with its lease and are not suitable for use on any other project. Any use of these drawings or specifications on any other project requires the services of properly licensed architects and engineers. Reproduction of the contract documents for reuse on another project is not authorized.	
BRAND REVIEW	PLANNING	
PERMIT	09-14-21	
CONSTRUCTION	BD	
DRAWING TITLE:	GRADING PLAN	
PROJECT ADDRESS:	12091 STRANG LINE ROAD OLATHE, KANSAS, 66062	
STATE SITE CODE:	015-0145	
DRAWN BY:	MJR	
SHEET NO.:	C5	
REV	DATE	DESCRIPTION



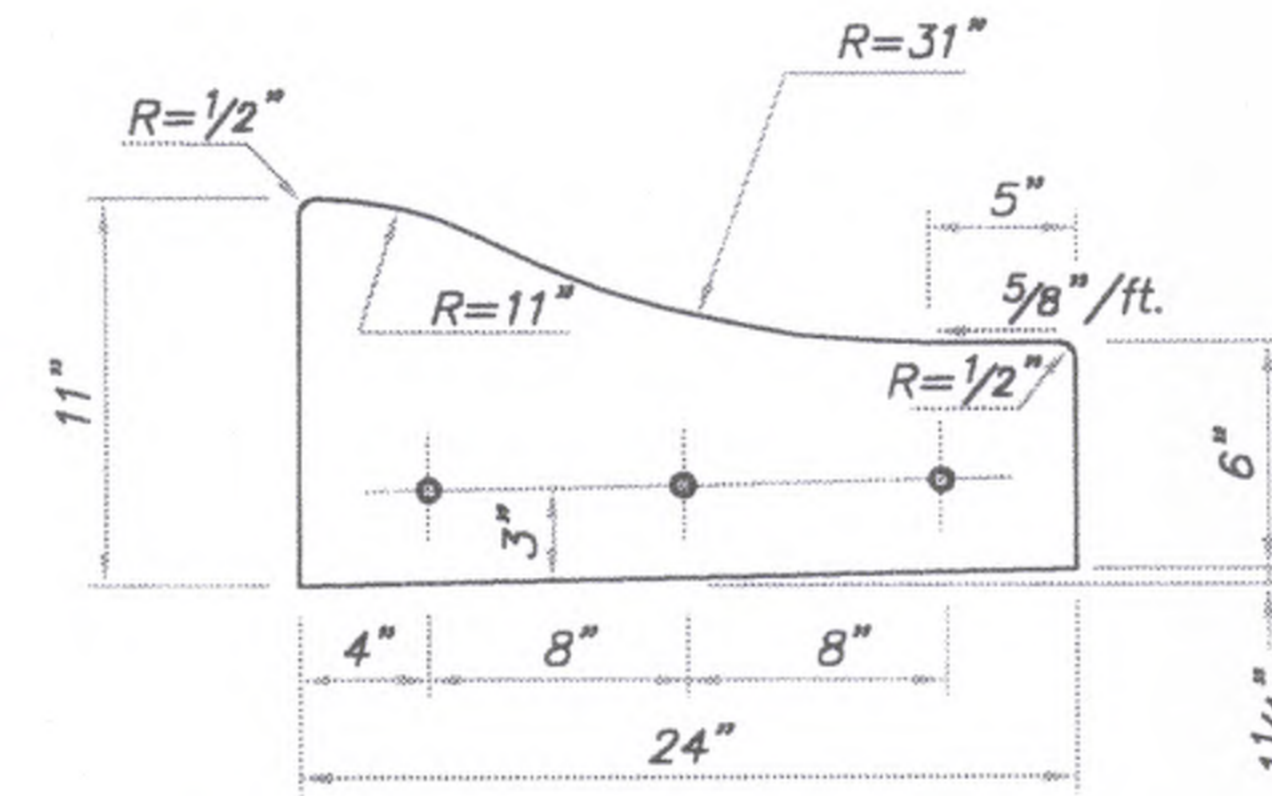
**STRAIGHT CURB**  
(TYPE C-1)



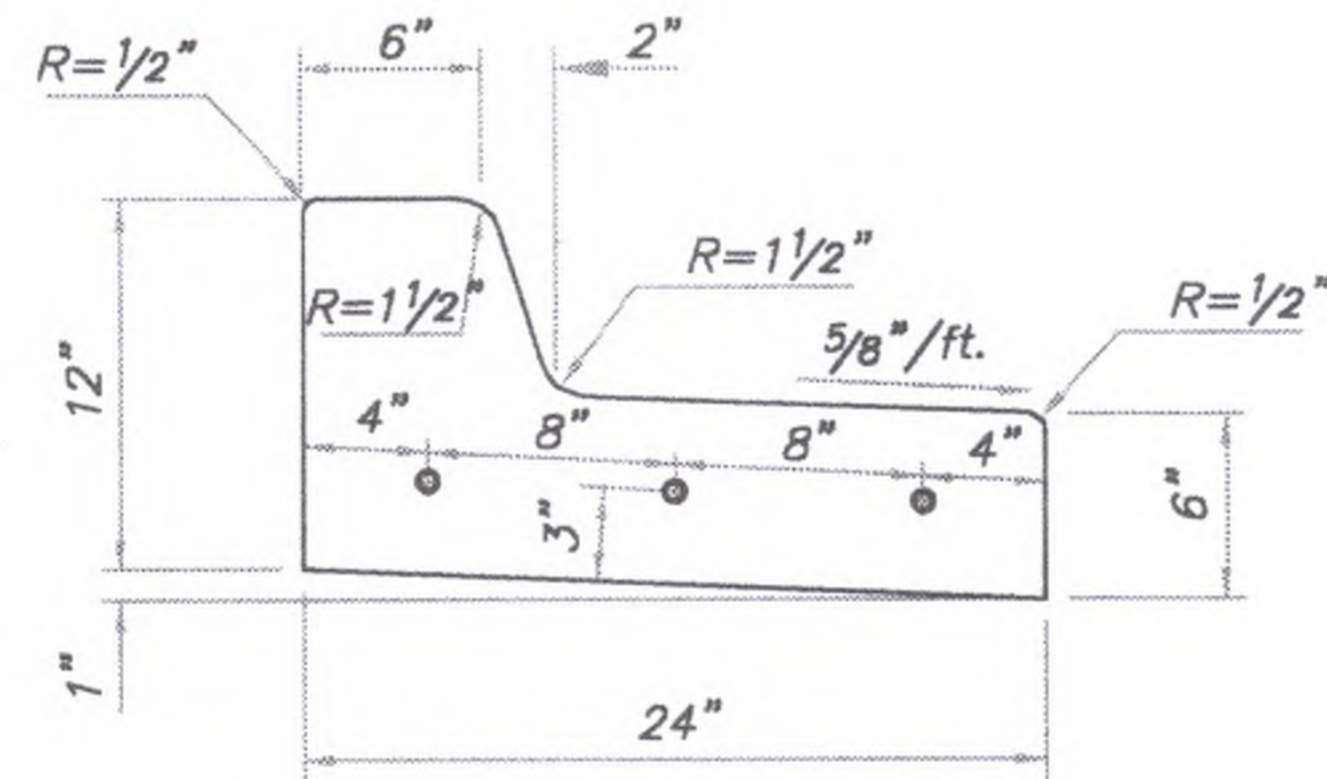
**DOWELLED CURB**  
(TYPE DC)



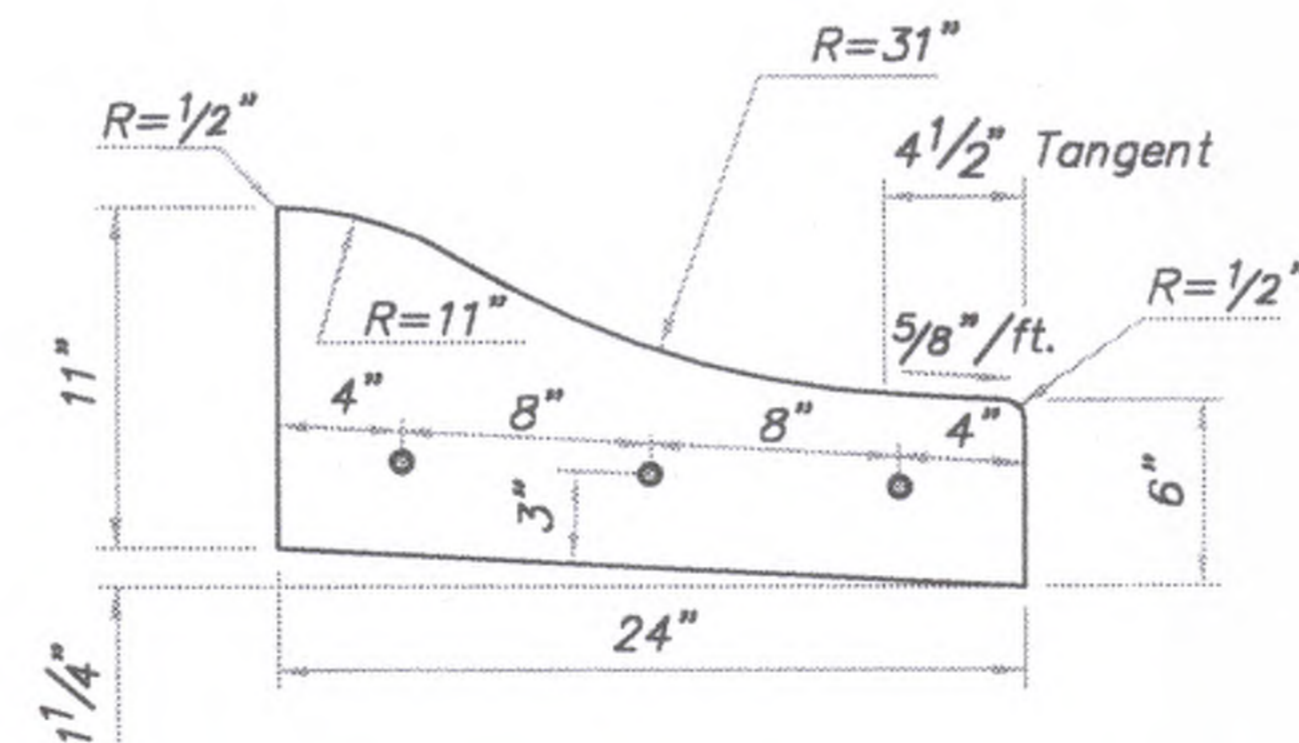
**STRAIGHT BACK CURB & GUTTER**  
(TYPE CG-1)



**ROLL BACK CURB & GUTTER**  
(TYPE CG-2)



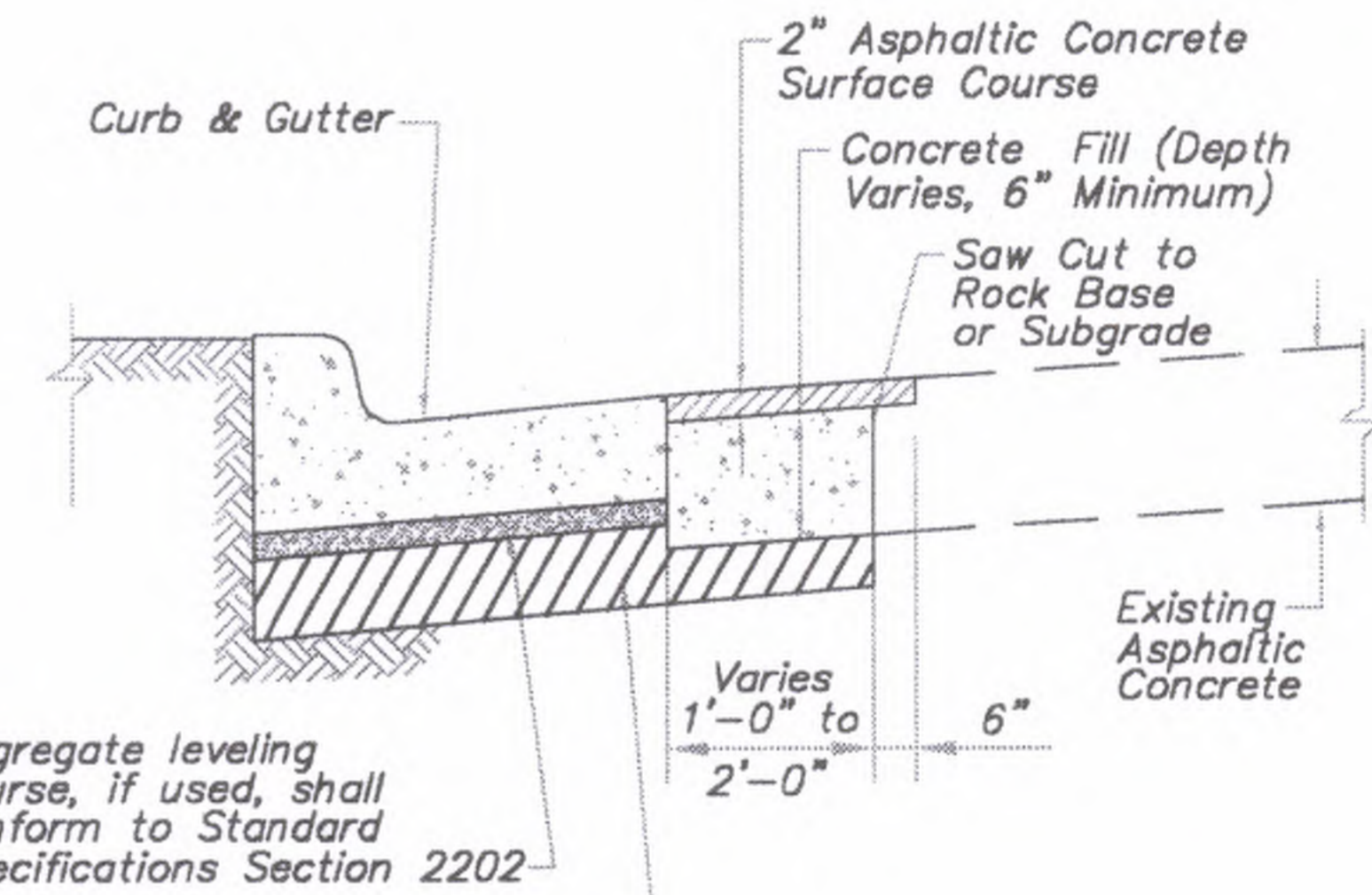
**STRAIGHT BACK DRY CURB & GUTTER**  
(TYPE CG-1 DRY)



**ROLL BACK DRY CURB & GUTTER**  
(TYPE CG-2 DRY)

**GENERAL NOTES:**

- 3/4" Isolation Joints with 5/8" dia. x 2' smooth dowels shall be placed at radius points and at 150' intervals. These dowel bars shall be greased and wrapped on one end with expansion tubes.
- 1" deep Contraction Joints shall be installed at approximately 10' intervals. These joints shall pass across the entire curb section.
- Fix dowel bars with bar supports.
- Depth of curb shall be a minimum of 8" through the handicap access ramp.
- Concrete shall conform to Standard Specifications Section 2208.2.B.
- Asphaltic concrete surface course shall conform to Standard Specifications Section 2205.2.



The top 6" of subgrade shall conform to Standard Specifications Section 2201

**CURB REPLACEMENT DETAIL**

AMERICAN PUBLIC WORKS ASSOCIATION	
<b>APWA</b>	
KANSAS CITY METROPOLITAN CHAPTER	
CURB DETAILS	STANDARD DRAWING NUMBER C - 1 ADOPTED: MAY 23, 2001

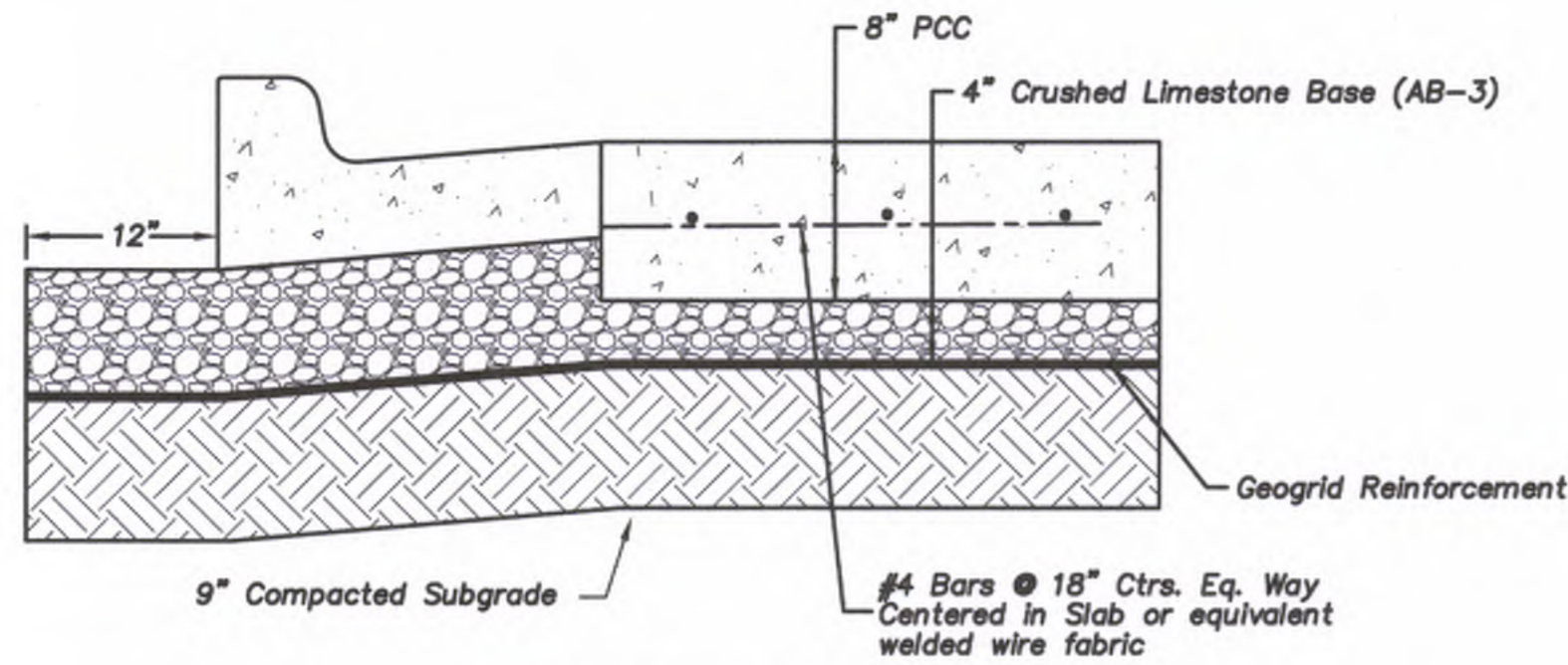


SHEET NO.	DRAWING TITLE	PROJECT ADDRESS	PROJECT CAD FILE	STATE SITE CODE	DRAWN BY	REVISION	DATE	DESCRIPTION
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STANDARD DETAILS		12091 STRANG LINE ROAD OLA THE, KANSAS, 66062	015-016	MR				
C6								

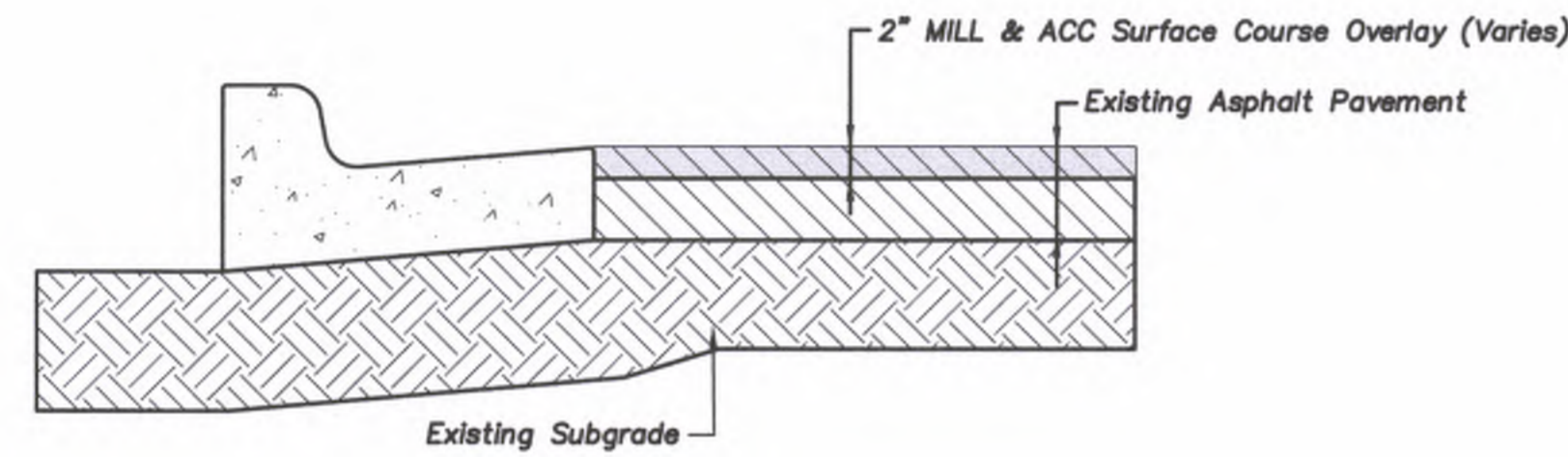
PREPARED FOR:  
**McDonald's USA, LLC**  
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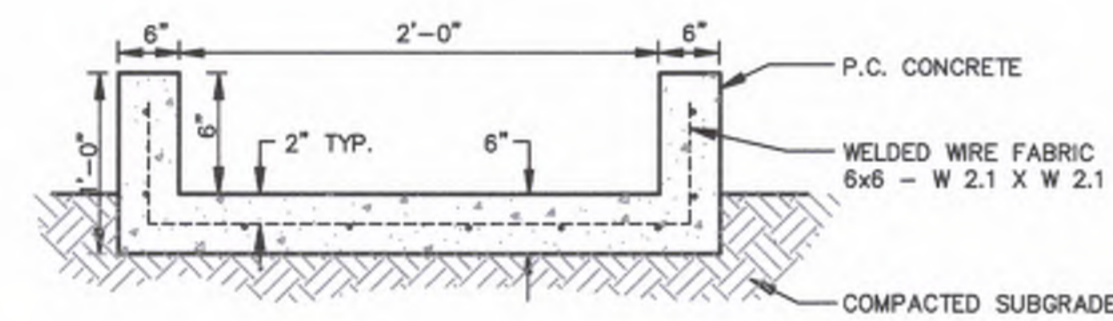
PREPARED BY:  
**PHILIP ENGINEERING, INC.**  
1370 N. Winchester  
Olathe, Kansas 66061  
(913) 393-1155  
Fax: (913) 393-1166  
www.philipengineering.com



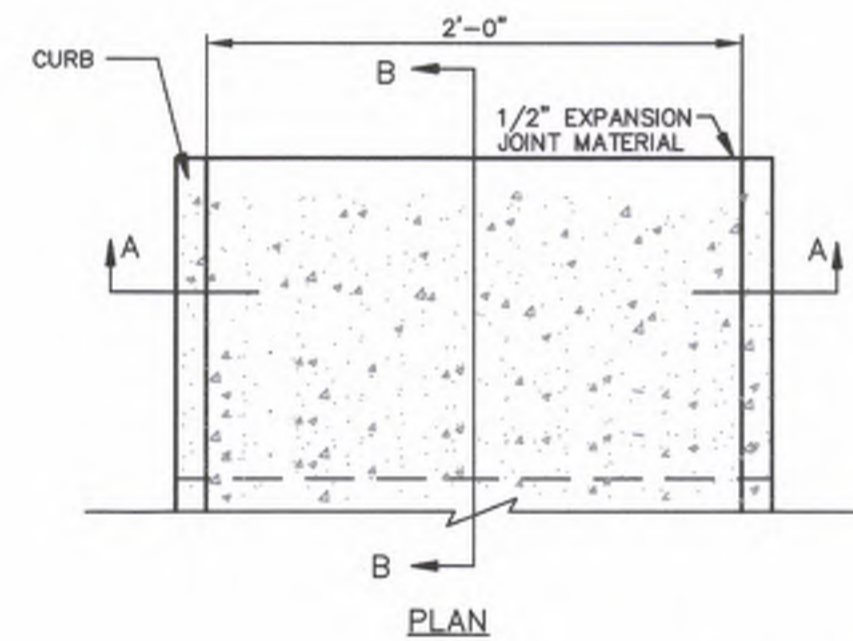
CONCRETE PAVING



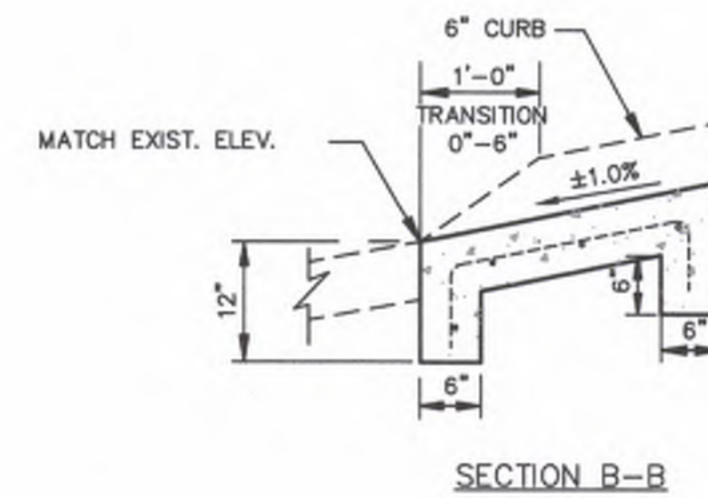
MILL AND OVERLAY EXISTING ASPHALT



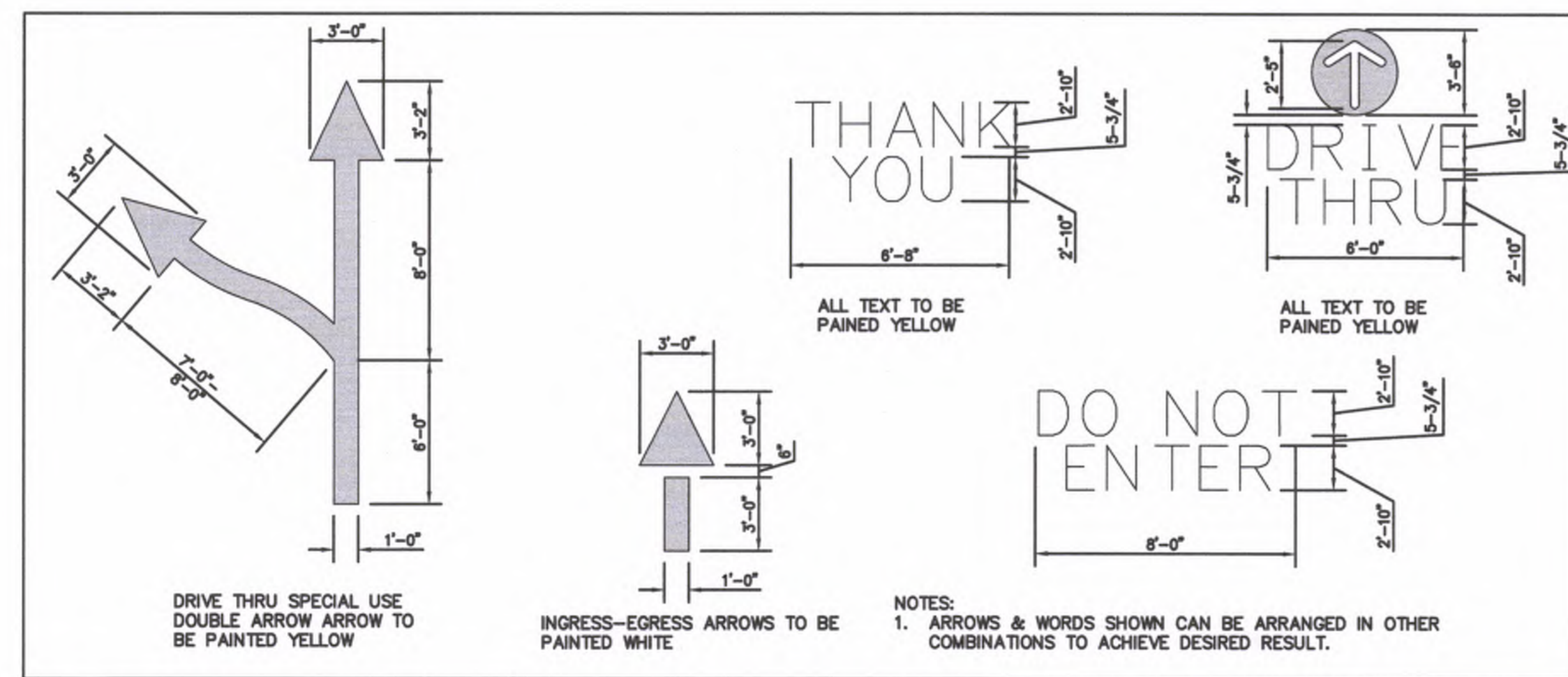
SECTION A-A



CONCRETE FLUME DETAIL  
N.T.S.



SECTION B-B



NOTES:  
1. ARROWS & WORDS SHOWN CAN BE ARRANGED IN OTHER COMBINATIONS TO ACHIEVE DESIRED RESULT.

TABLE OF EMBEDMENT DEPTH BELOW PIPE		
D	SOIL	ROCK
LESS THAN 60"	4"	6"
60" OR LARGER	6"	12"

TRENCH BEDDING

1. GRANULAR EMBEDMENT SHALL BE KDOT STD. SPEC. SECT. 1100, PB-2 COURSE AGGREGATE FOR CONCRETE, WASHED STONE OR GRAVEL, MEETING THE FOLLOWING CONDITIONS:

SEIVE SIZE	PERCENT RETAINED
1-INCH	0
3/4-INCH	0-20
3-INCH	40-70
No. 8	95-100

GRANULAR EMBEDMENT FROM THE TOP OF PIPE DOWN SHALL BE COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY ASTM D 698.

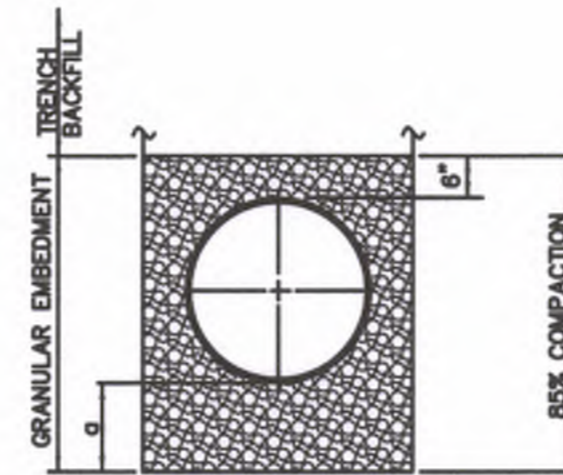
GRANULAR EMBEDMENT ABOVE TOP OF PIPE SHALL BE AN UN-COMPACTED LAYER FOR ALL INSTALLATIONS.

2. TRENCH OUTLINES DO NOT INDICATE ACTUAL TRENCH EXCAVATION SHAPE, SOIL CONDITIONS, OR PRESENCE OF SHEETING LEFT IN PLACE. EMBEDMENT MATERIAL SHALL EXTEND THE FULL WIDTH OF THE ACTUAL TRENCH EXCAVATION.

3. TRENCH WIDTHS SHALL BE LIMITED BELOW AN ELEVATION OF ONE (1) FOOT ABOVE THE TOP OF THE INSTALLED PIPE AS FOLLOWS: NOT LESS THAN FIFTEEN (15) INCHES NOR MORE THAN TWENTY-FOUR (24) INCHES GREATER THAN THE NOMINAL OUTSIDE DIAMETER OF THE PIPE.

EMBEDMENTS FOR STORM SEWER PIPE

SCALE: N.T.S.



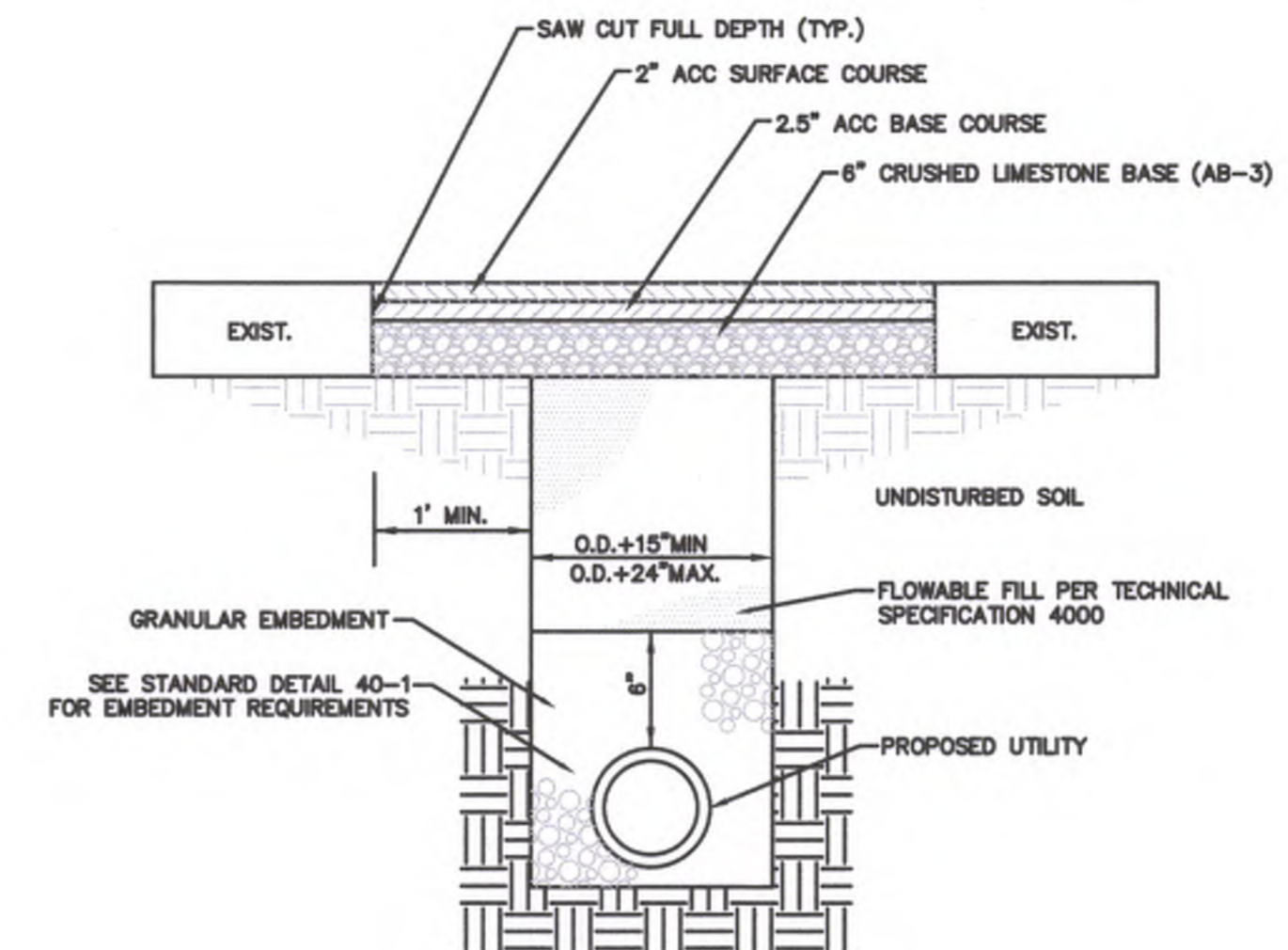
LEGEND

D NOMINAL PIPE SIZE  
o EMBEDMENT BELOW PIPE

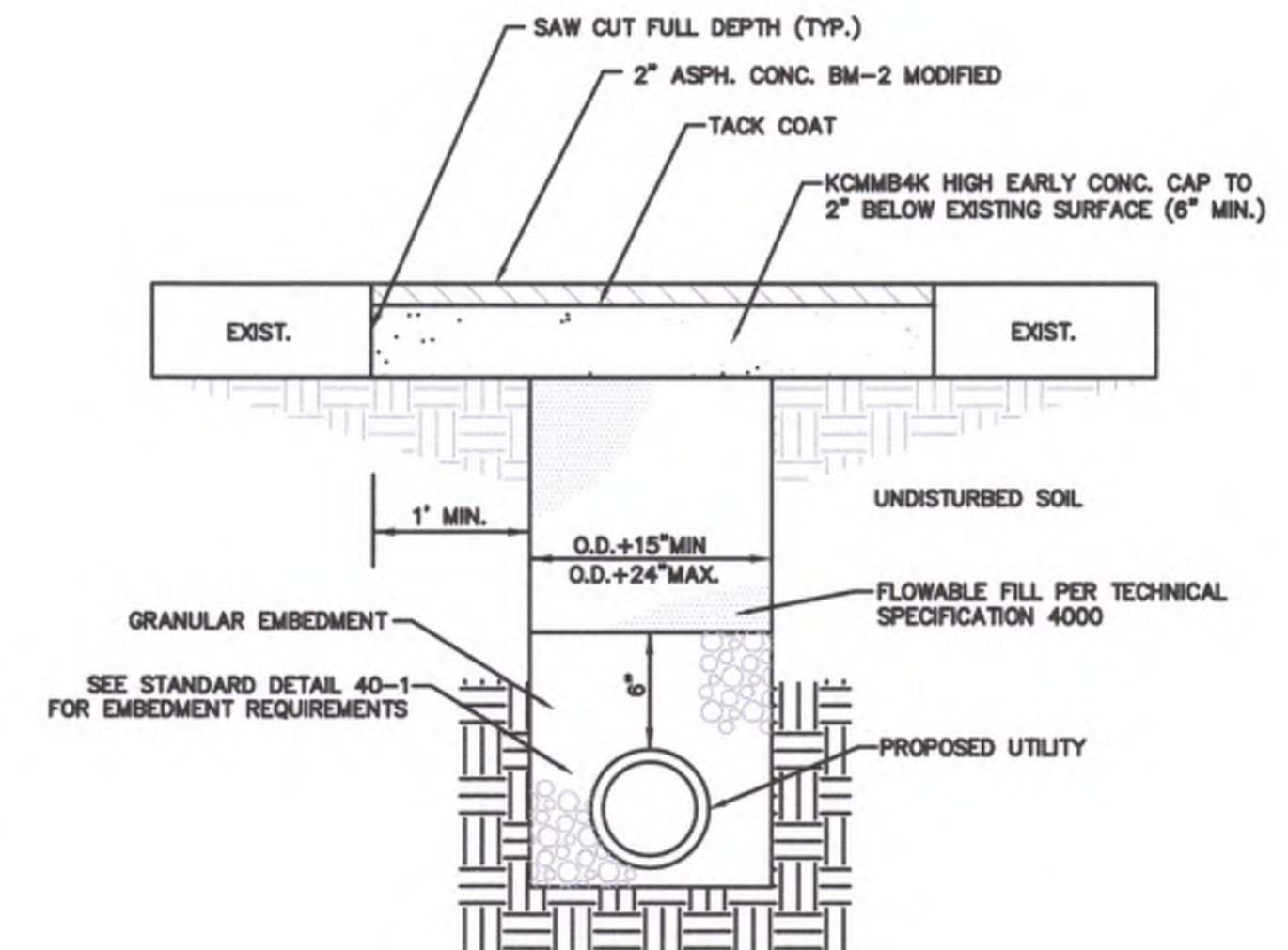
GRANULAR EMBEDMENT

BACKFILL

1. ALL MATERIALS ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2321-89.
2. ALL MATERIALS SHALL BE INSTALLED IN MAXIMUM 6" LOOSE LIFTS IN ACCORDANCE WITH ASTM D 698. CLASS III AND IV-A MATERIALS SHALL BE COMPACTED NEAR OPTIMUM MOISTURE CONTENT.
3. FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3".
4. ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES. (SEE SPECIFICATIONS)



ASPHALT



CONCRETE

NOTE:

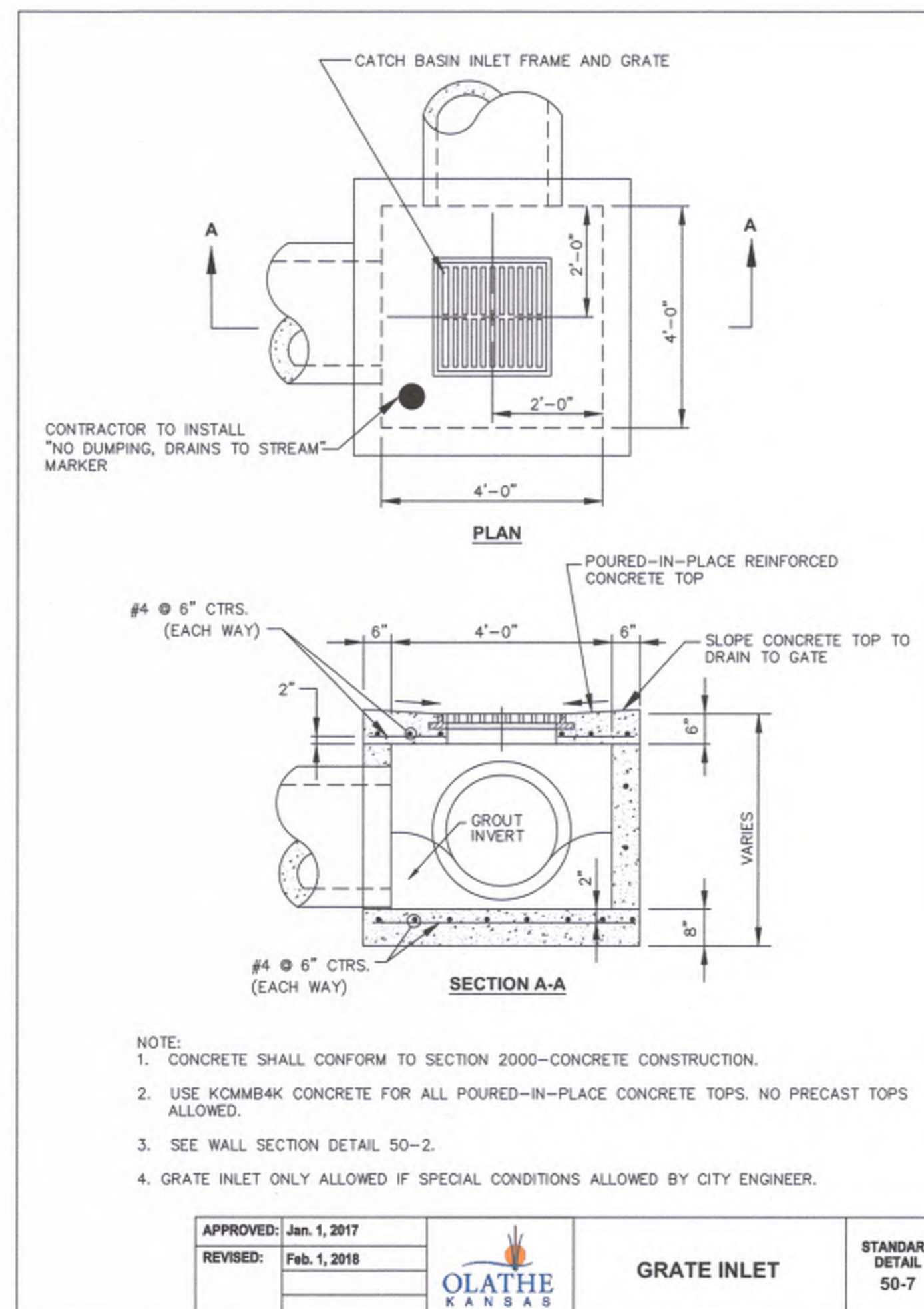
1. GRANULAR EMBEDMENT MATERIAL SHALL ADHERE TO CITY OF OLATHE TECHNICAL SPECIFICATION SECTION 4000.
2. THE 1 FT. ON EITHER SIDE OF ACTUAL TRENCH WIDTH SHALL NOT BE REMOVED UNTIL THE TRENCH HAS BEEN FILLED AND COMPACTED.
3. ALL TEMPORARY SURFACING PLACED IN PUBLIC STREETS SHALL CONSIST OF COLD MIX ASPHALT AT A MINIMUM.
4. HIGH EARLY STREET PATCH SHALL ONLY BE OPENED TO LIGHT TRAFFIC AFTER 72 HOURS OR 75% OF THE MIX DESIGN STRENGTH ACHIEVED. STEEL PLATING MAY BE REQUIRED BY THE CITY ENGINEER.
5. CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI AND ADHERE TO CITY OF OLATHE TECHNICAL SPECIFICATION 2000.
6. ASPHALT SHALL ADHERE TO OLATHE TECHNICAL SPECIFICATION 1300.

STREET PATCH

SCALE: N.T.S.

GENERAL PAVING NOTES:

1. FOR PREPARATION OF PAVEMENT SUBGRADE, FILL PLACED BELOW FINISHED SUBGRADE ELEVATION IN FILL AREAS IN ALL AREAS TO BE PAVED SHALL BE PLACED IN MAXIMUM 9" LOOSE LIFTS AND SHALL BE COMPACTED TO AT LEAST 95 - 100% OF THE MATERIAL'S MAXIMUM STANDARD PROCTOR DRY DENSITY (ASTM D-698) WITH A MOISTURE CONTENT BETWEEN MINUS 1 AND PLUS 4 PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT. FOR CLAYS OR SILTS HAVING LOWER PLASTICITIES, IT MAY BE NECESSARY TO USE A MOISTURE RANGE OF 2 PERCENT BELOW TO 2 PERCENT ABOVE OPTIMUM MOISTURE CONTENT.
2. ALL PAVEMENTS SHALL BE SUPPORTED ON 9 INCHES OF PROPERLY COMPACTED SOIL, WHICH WILL REQUIRE TILLING AND RECOMPACTING IN CUT SECTIONS. THE SUBGRADE SHOULD BE COMPACTED TO A MINIMUM DENSITY OF 95 PERCENT OF THE STANDARD PROCTOR (ASTM D698) MAXIMUM DRY DENSITY AT A MOISTURE CONTENT WITHIN ± 3 PERCENT OF THE OPTIMUM MOISTURE CONTENT.
3. PROOFROLL WITH A 25 TON RUBBER TIRE VEHICLE AND REPAIR SUBGRADE DEFICIENCIES. IF ANY SIGNIFICANT EVENT, SUCH AS PRECIPITATION, OCCURS AFTER PROOFROLLING, THE SUBGRADE SHOULD BE REVIEWED BY QUALIFIED PERSONNEL IMMEDIATELY PRIOR TO PLACING THE PAVEMENT.
4. ASPHALTIC SURFACE COURSE SHALL BE APWA MIX DESIGN TYPE 3, AND CONFORM TO SECTION 2200 OF THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) STANDARD SPECIFICATIONS-KANSAS CITY METRO EDITION (LATEST EDITION). THE SURFACE COURSE SHOULD BE COMPACTED TO A MINIMUM OF 97% MARSHALL DENSITY (ASTM SPECIFICATION D 1559).
5. ASPHALTIC BASE COURSE SHALL BE APWA MIX DESIGN TYPE 1, AND CONFORM TO SECTION 2200 OF THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) STANDARD SPECIFICATIONS-KANSAS CITY METRO EDITION (LATEST EDITION). THE BASE COURSE SHOULD BE COMPACTED TO A MINIMUM OF 95% MARSHALL DENSITY (ASTM SPECIFICATION D 1559).
6. THE CONTRACTOR SHALL PROVIDE A TACK COAT TO FACE OF CURB WHERE CURB CONTACTS ASPHALT.
7. PORTLAND CEMENT CONCRETE (PCC) PAVEMENT SHALL BE KCMB4K.



NOTE:

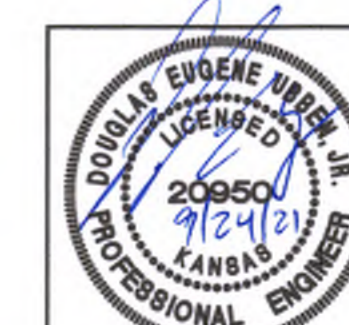
1. CONCRETE SHALL CONFORM TO SECTION 2000-CONCRETE CONSTRUCTION.
2. USE KCMB4K CONCRETE FOR ALL POURED-IN-PLACE CONCRETE TOPS. NO PRECAST TOPS ALLOWED.
3. SEE WALL SECTION DETAIL 50-2.
4. GRATE INLET ONLY ALLOWED IF SPECIAL CONDITIONS ALLOWED BY CITY ENGINEER.

APPROVED: Jan. 1, 2017  
REVISED: Feb. 1, 2018

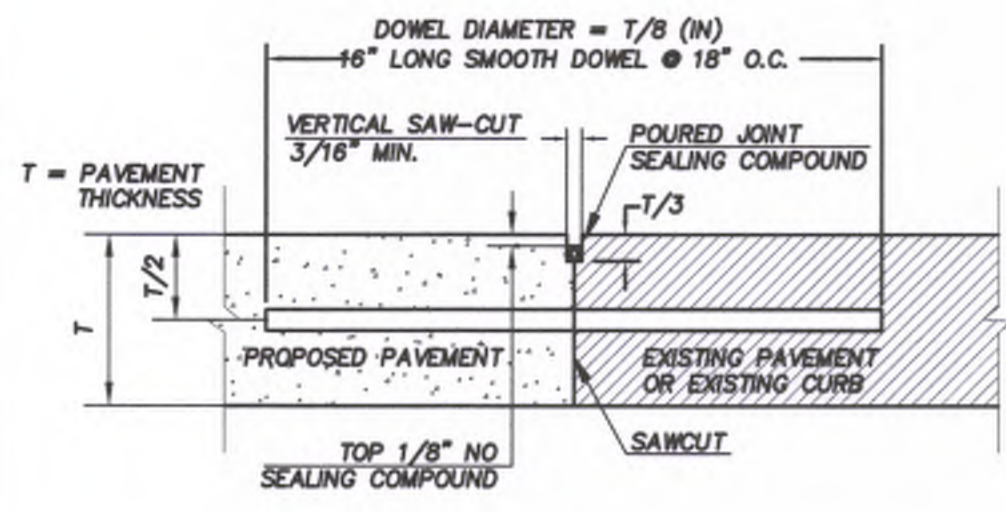


GRATE INLET

STANDARD DETAIL 50-7

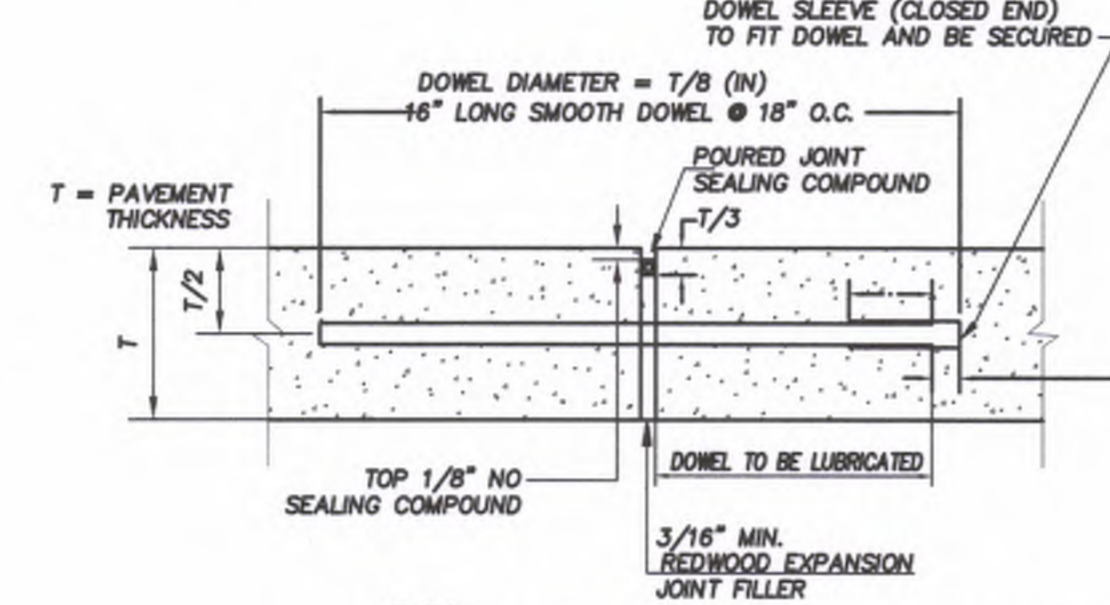


PREPARED FOR: McDonald's USA, LLC  
 PROJECT ADDRESS: 12091 STRANG LINE ROAD, OLATHE, KANSAS, 66062  
 PROJECT CAD FILE: 180409  
 DRAWING TITLE: STANDARD DETAILS  
 SHEET NO.: C6.1  
 BRAND REVIEW: PLANNING  
 PERMIT: 09-14-21  
 END  
 CONSTRUCTION  
 DRAWN BY: MMR  
 STATE SITE CODE: 015-0145  
 PHELPS ENGINEERING, INC.  
 1330 N. Winchester  
 Olathe, Kansas 66061  
 (913) 393-1155  
 Fax: (913) 393-1166  
 www.phelpsengineering.com  
 PLANNING ENGINEERING IMPLEMENTATION  
 P.E.  
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 McDonald's USA, LLC and all not be copied or reproduced without the written permission of McDonald's USA, LLC and all not be used for any other project without the written permission of McDonald's USA, LLC. The contract documents were prepared for use on this specific site in conjunction with its base data and are not suitable for use on a different site without the written permission of McDonald's USA, LLC. Reproduction of the contract documents for reuse on another project is not authorized.



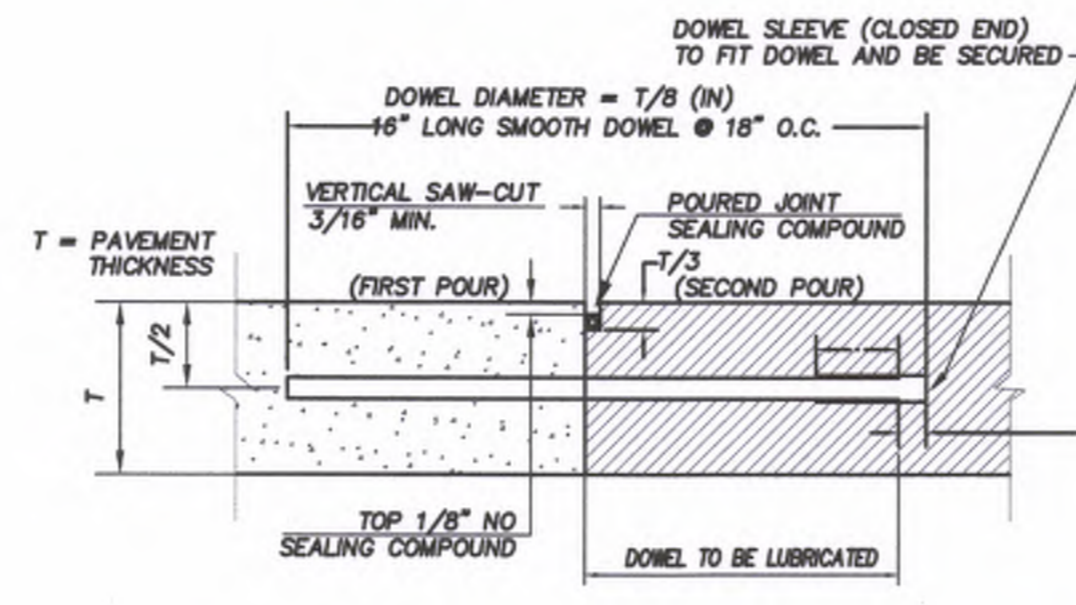
NOTE:  
 1. DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG.  
 2. DRILLING BY HAND IS NOT ACCEPTABLE, PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.

BUTT JOINT



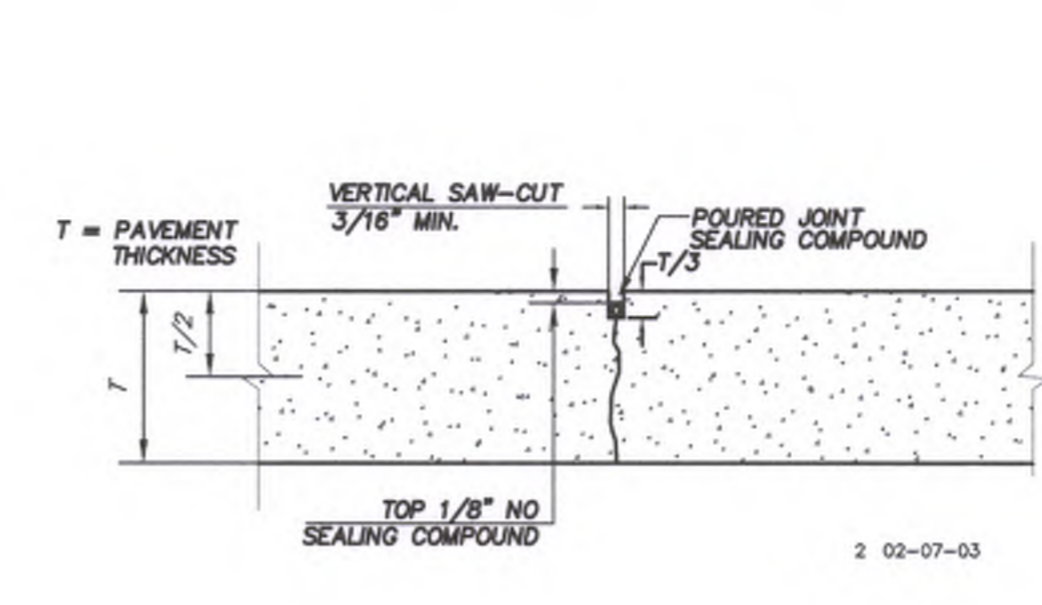
NOTE:  
 1. DOWELS SHALL BE SUPPORTED BY AN APPROVED DEVICE.

TRANSVERSE EXPANSION JOINT



NOTE:  
 1. DOWELS SHALL BE SUPPORTED BY AN APPROVED DEVICE.

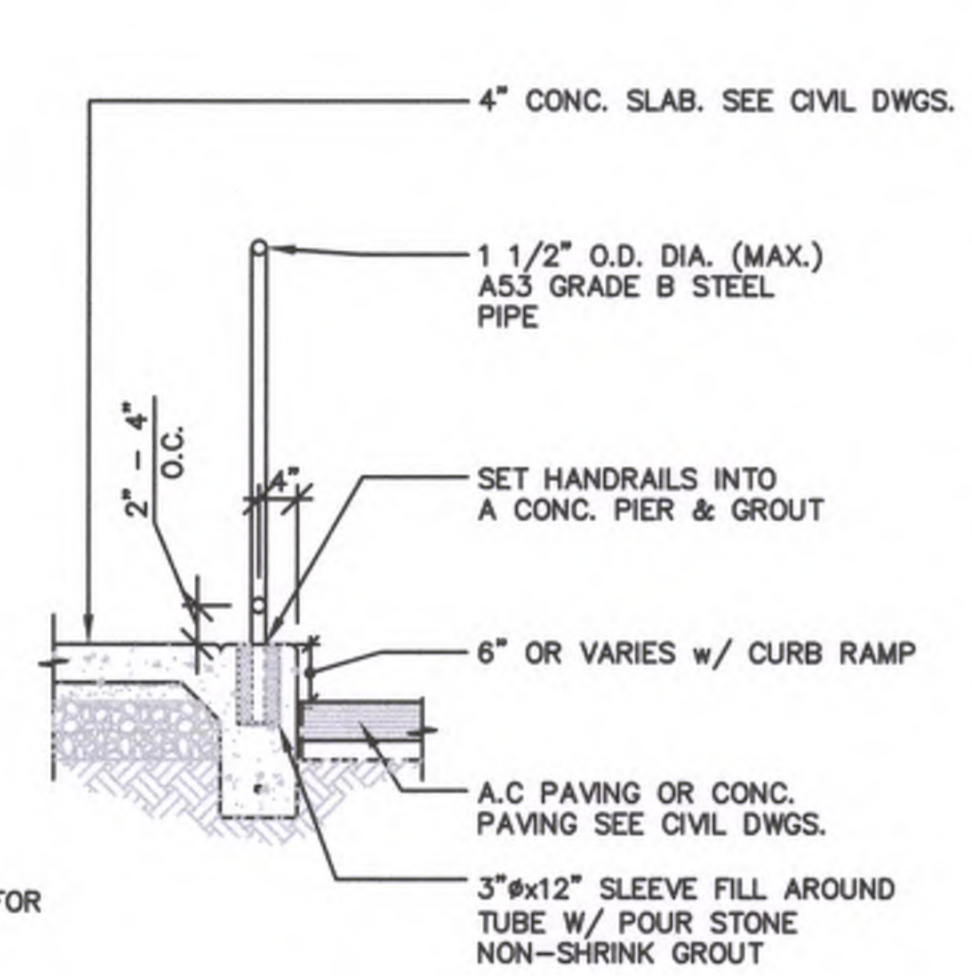
CONSTRUCTION JOINT



2 02-07-03

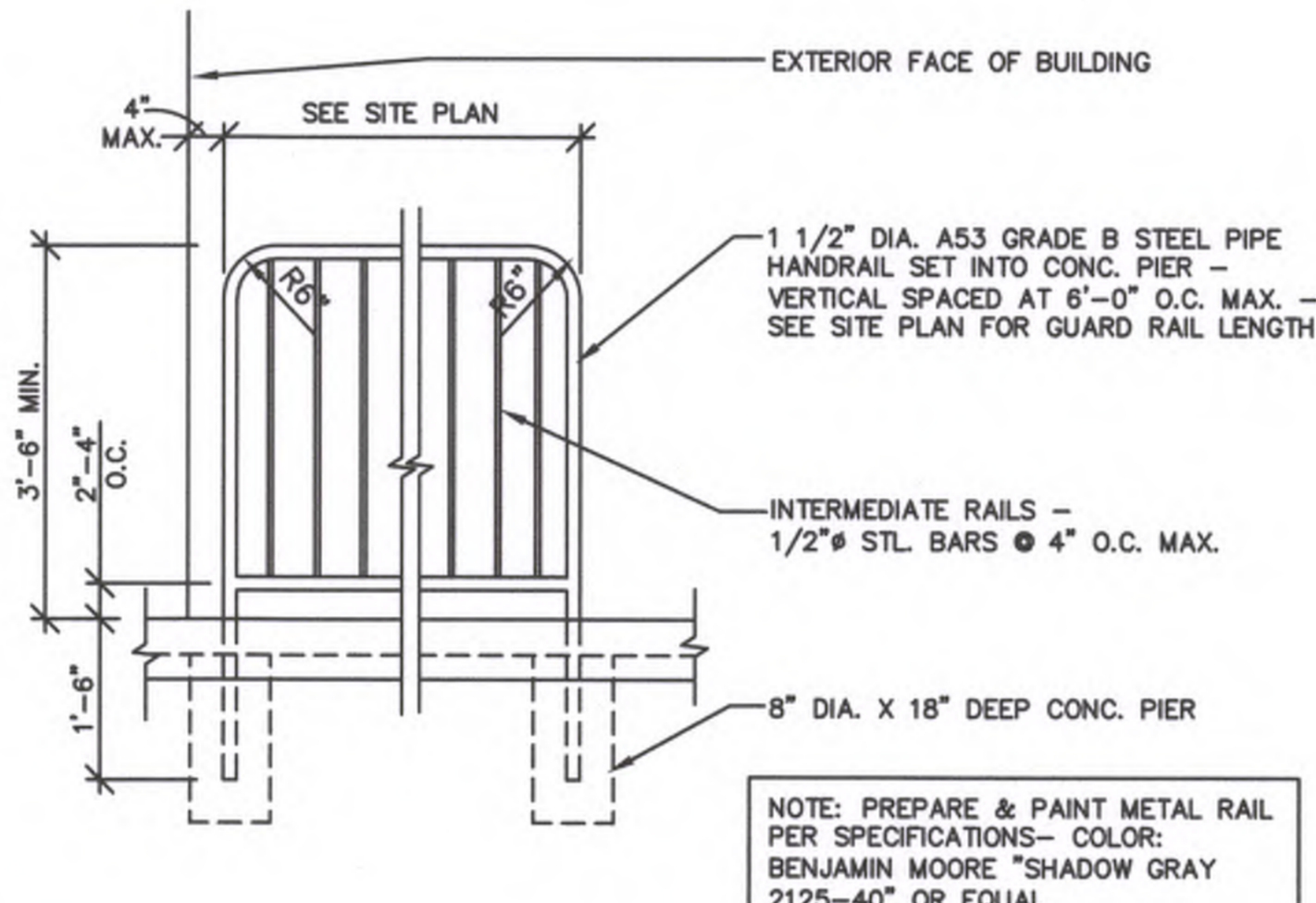
CONTRACTION JOINT

CONCRETE JOINT DETAILS

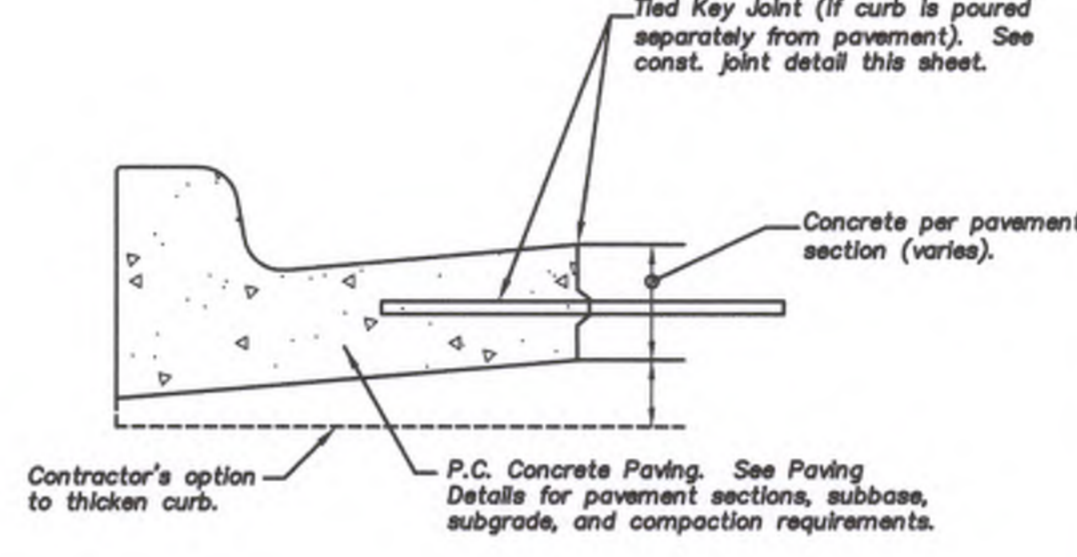


NOTES:  
 SEE CIVIL DWGS FOR FOOTING INFO.

HANDRAIL DETAIL

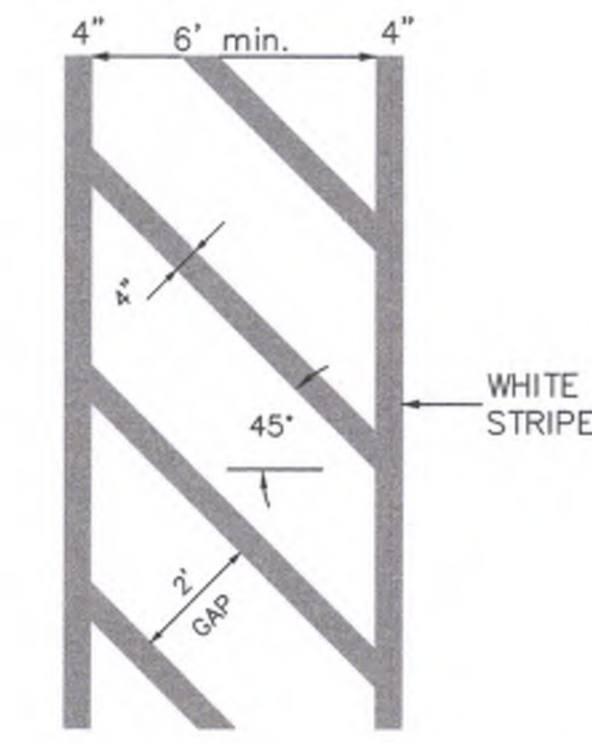


NOTE: PREPARE & PAINT METAL RAIL PER SPECIFICATIONS- COLOR: BENJAMIN MOORE "SHADOW GRAY 2125-40" OR EQUAL

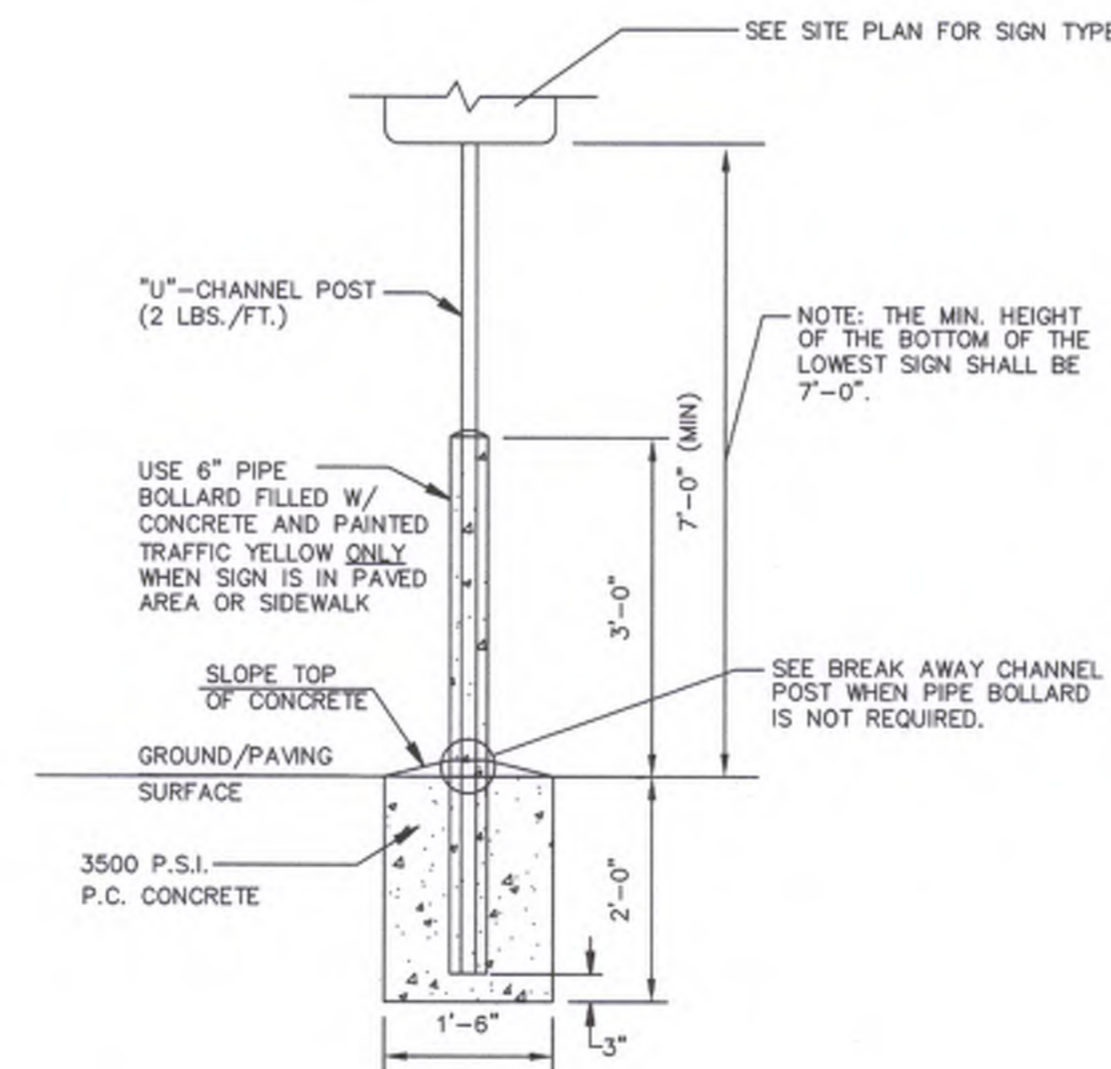


BOLLARD DETAIL

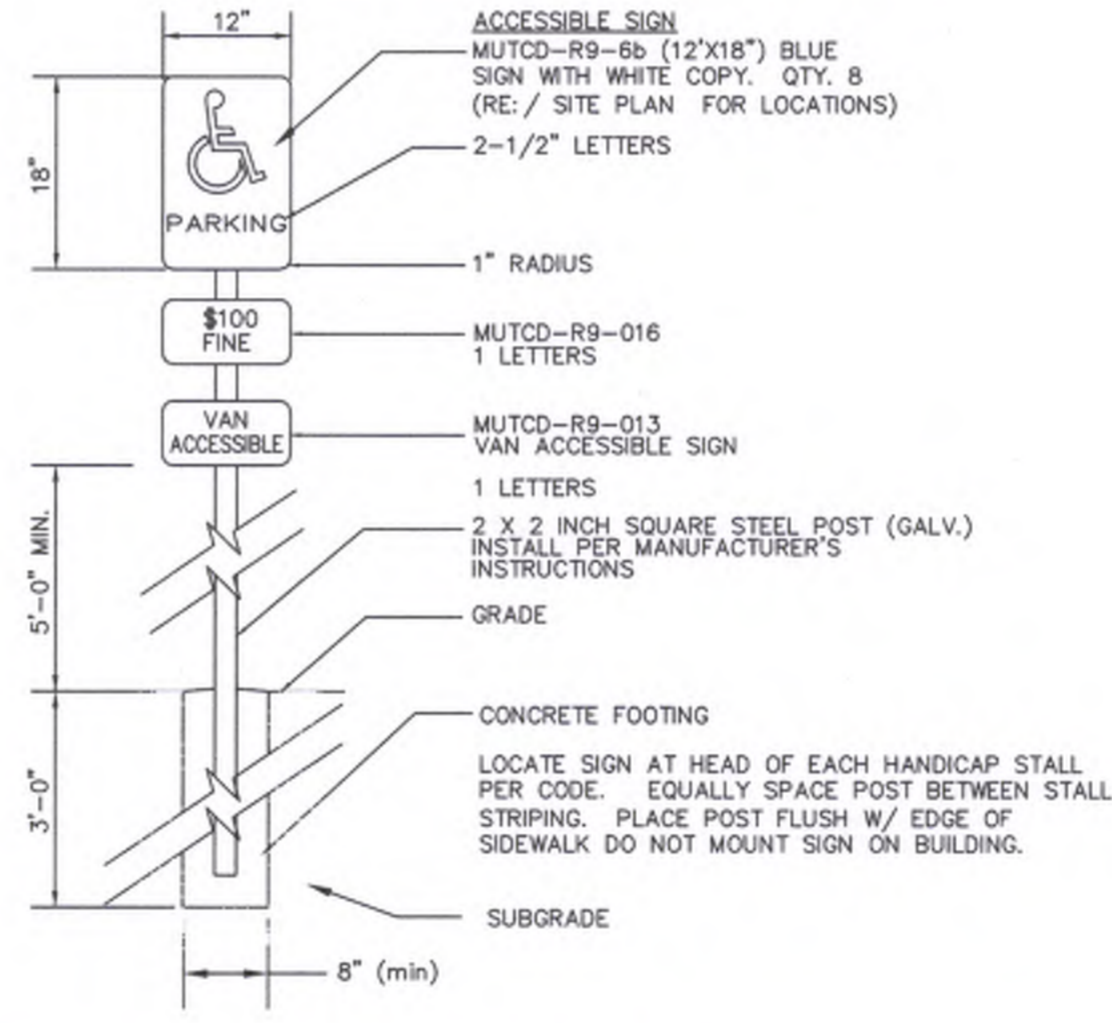
TYPE "B" INTEGRAL CURB AND GUTTER



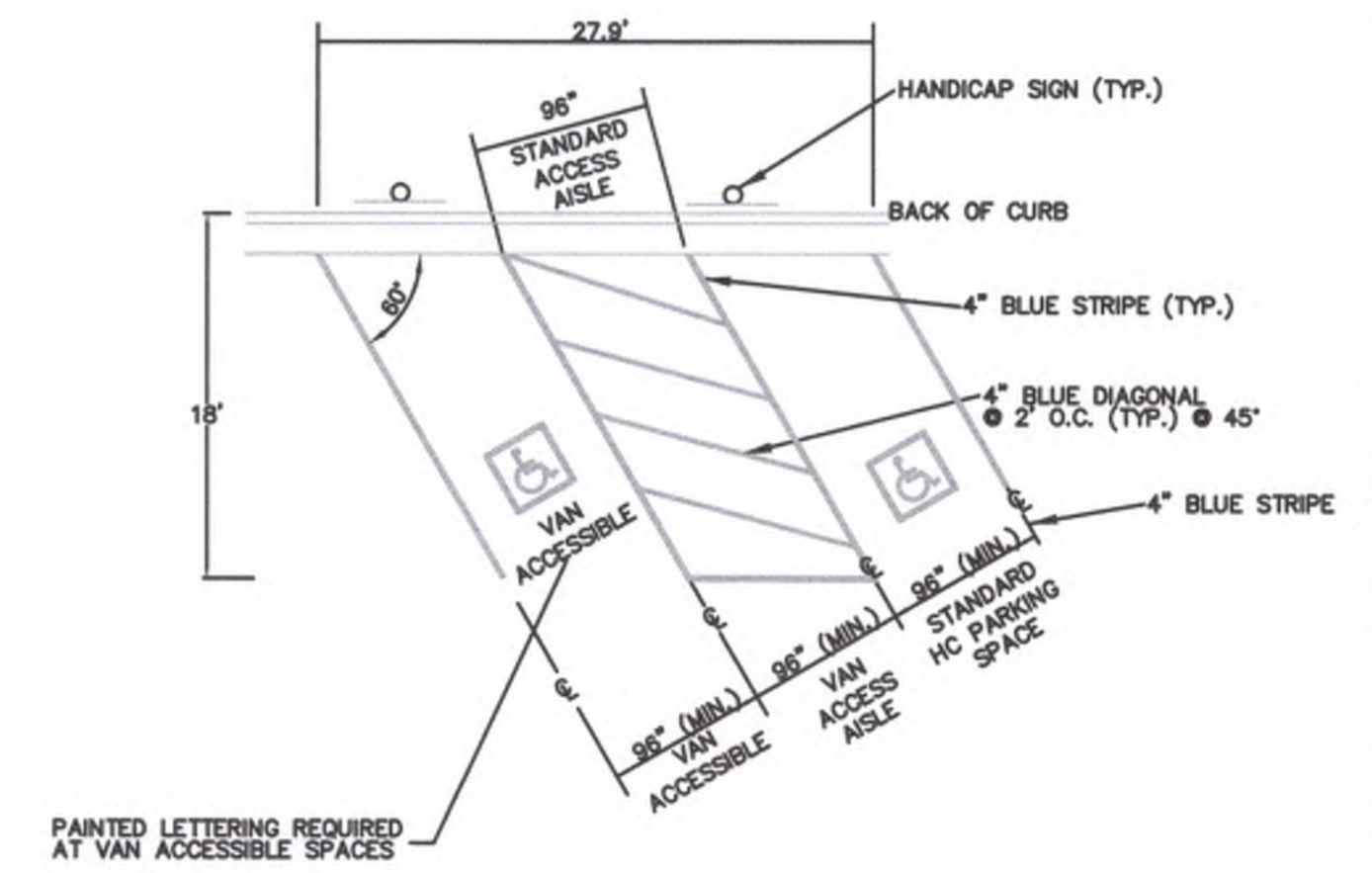
TYPICAL CROSSWALK DETAIL



SIGN BASE DETAIL IN SIDEWALK AND PAVED AREAS



HANDICAPPED SIGN DETAIL IN GRASS AREA



NOTE: HANDICAPPED PARKING SPACE DESIGN LAYOUT IN ACCORDANCE WITH 2010 ADA SPECIFICATIONS: SECTION: 502  
 SEE SITE PLANS FOR COMPLETE PARKING LAYOUT.

HANDICAPPED PARKING SPACE DETAIL

PAVEMENT MARKING NOTES:

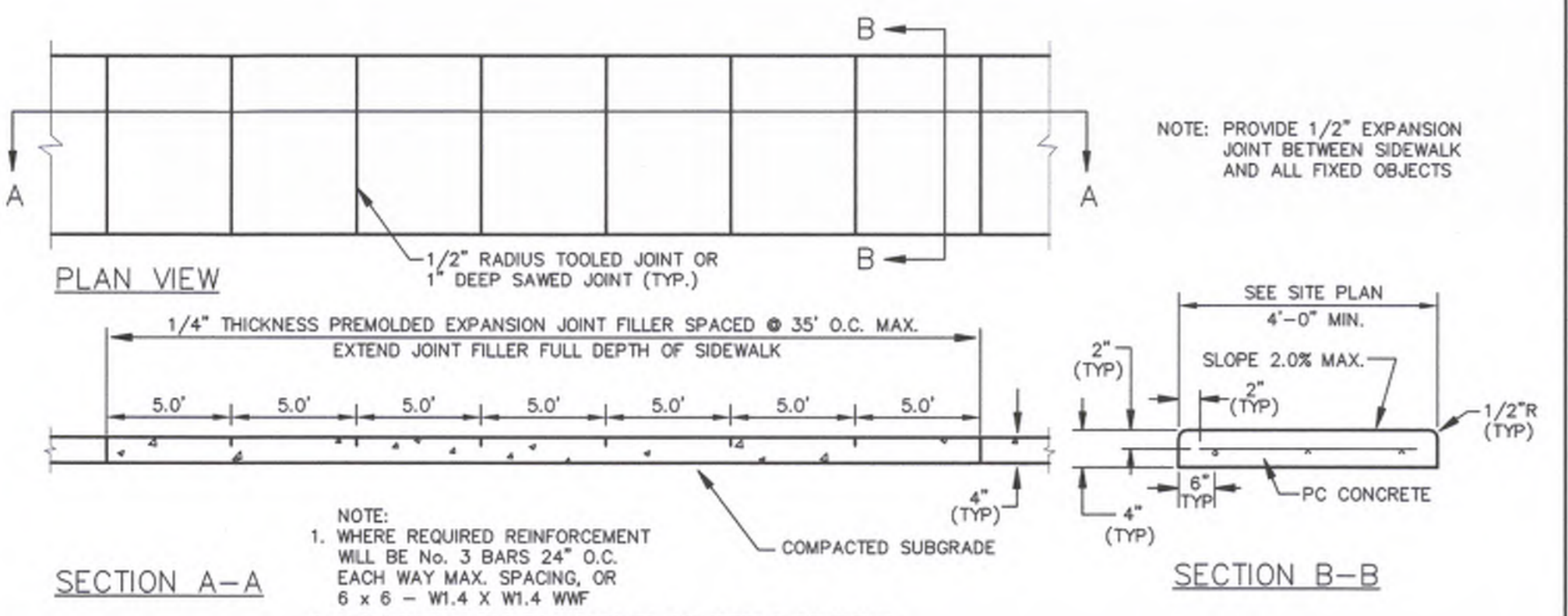
- ALL PAVEMENT MARKINGS SHALL BE APPLIED BY A QUALIFIED CONTRACTOR HAVING A MINIMUM 3 YEARS EXPERIENCE IN TRAFFIC GRADE PAVEMENT MARKING APPLICATIONS.
- PAINT SHALL BE A NON-BLEEDING, QUICK-DRYING, ALKYL PETROLEUM BASE PAINT SUITABLE FOR TRAFFIC-BEARING SURFACE AND SHALL MEET FS TTP-85E AND MIXED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS BEFORE APPLICATION.
- SWEEP AND CLEAN SURFACE TO ELIMINATE LOOSE MATERIAL AND DUST. APPLY TWO (2) COATS OF PAINT AT MANUFACTURER RECOMMENDED RATE.
- WITHOUT THE ADDITION OF THINNER, WITH A MAXIMUM OF 100 SQUARE FEET PER GALLON. APPLY WITH MECHANICAL EQUIPMENT TO PRODUCE UNIFORM STRAIGHT EDGES. AT SIDEWALK, CURBS, AND CROSSWALKS USE A STRAIGHTEDGE TO ENSURE A UNIFORM, CLEAN, AND STRAIGHT STRIPE. THE FOLLOWING ITEMS SHALL BE PAINTED WITH THE COLORS NOTED BELOW:
- A. HANDICAP SYMBOLS: SEE DETAIL THIS SHEET.  
 B. PARKING STALL STRIPING: WHITE.



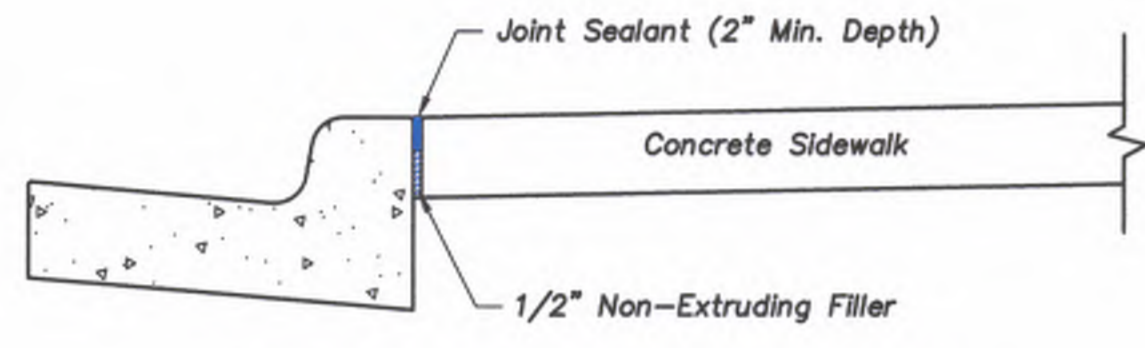
BY		DESCRIPTION	
REV		DATE	
PHILIPS ENGINEERING, INC. 1370 N. Winchester Olathe, Kansas 66061 (913) 393-1155 Fax: (913) 393-1166 www.philipsengineering.com			
PLANNING IMPLEMENTATION			
PREPARED BY: 2013 McDonald's USA, LLC PROJECT ADDRESS: 12091 STRANG LINE ROAD, OLATHE, KANSAS, 66062 PROJECT CAD FILE: 180406			
BRAND REVIEW	PLANNING	PERMIT	CONSTRUCTION
		08-14-21	BD
DRAWING TITLE: STANDARD DETAILS		DRAWN BY: MKR	
SHEET NO. C6.2		STATE SITE CODE: 01D-01G	

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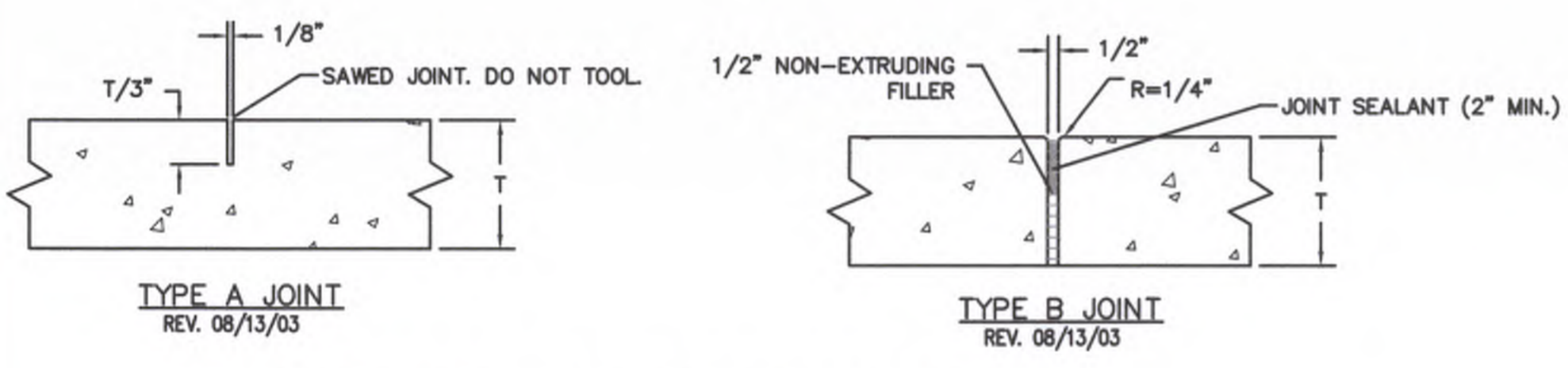


**CONCRETE SIDEWALK (PRIVATE)**



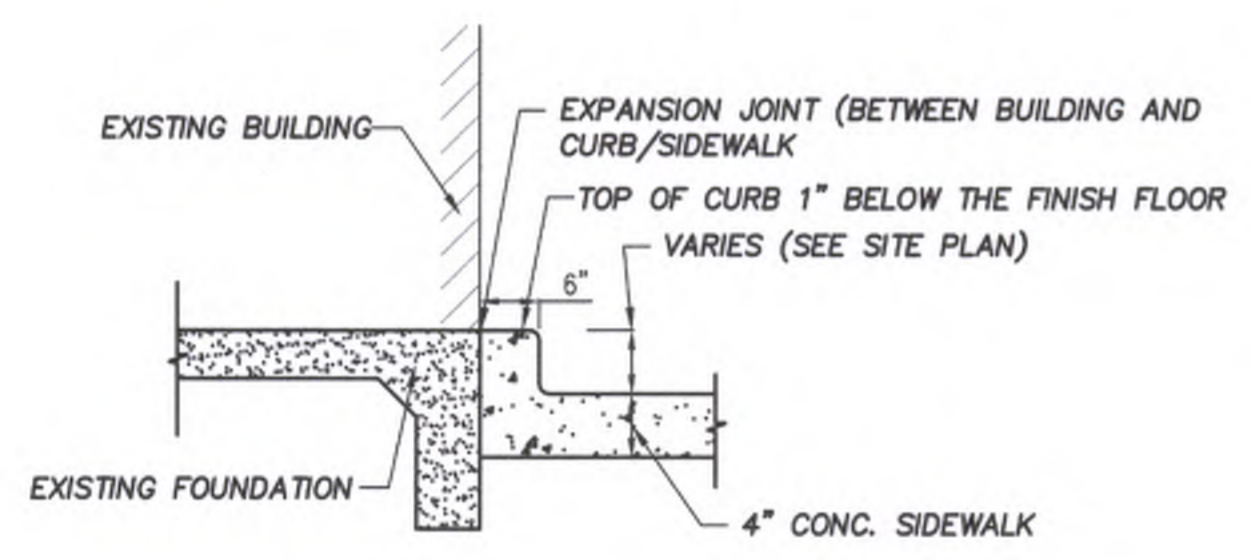
All other details same as shown per this sheet.

**SIDEWALK AT CURB DETAIL**

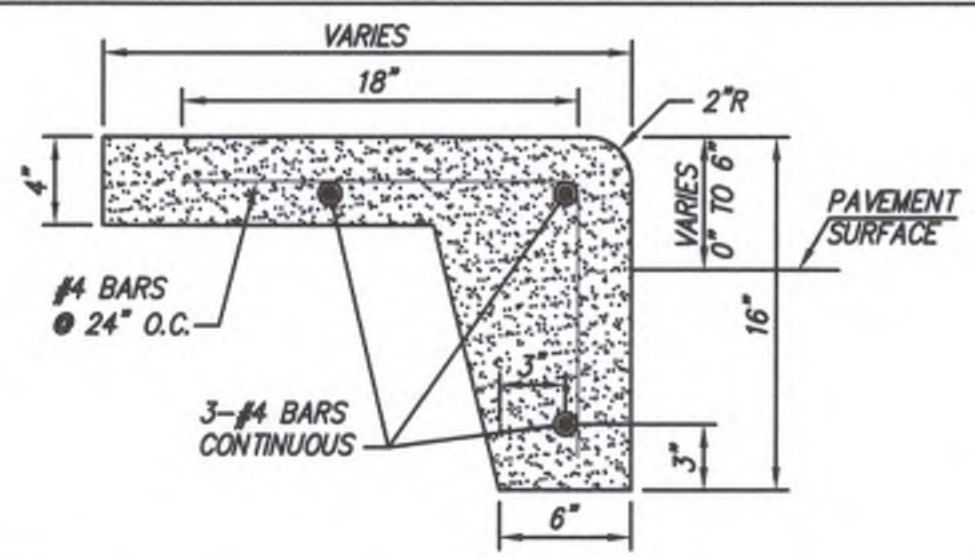


NOTE: TYPE A JOINTS SHALL NOT EXCEED 20 TIMES THE PAVEMENT THICKNESS (T)

**CONCRETE JOINT DETAILS**

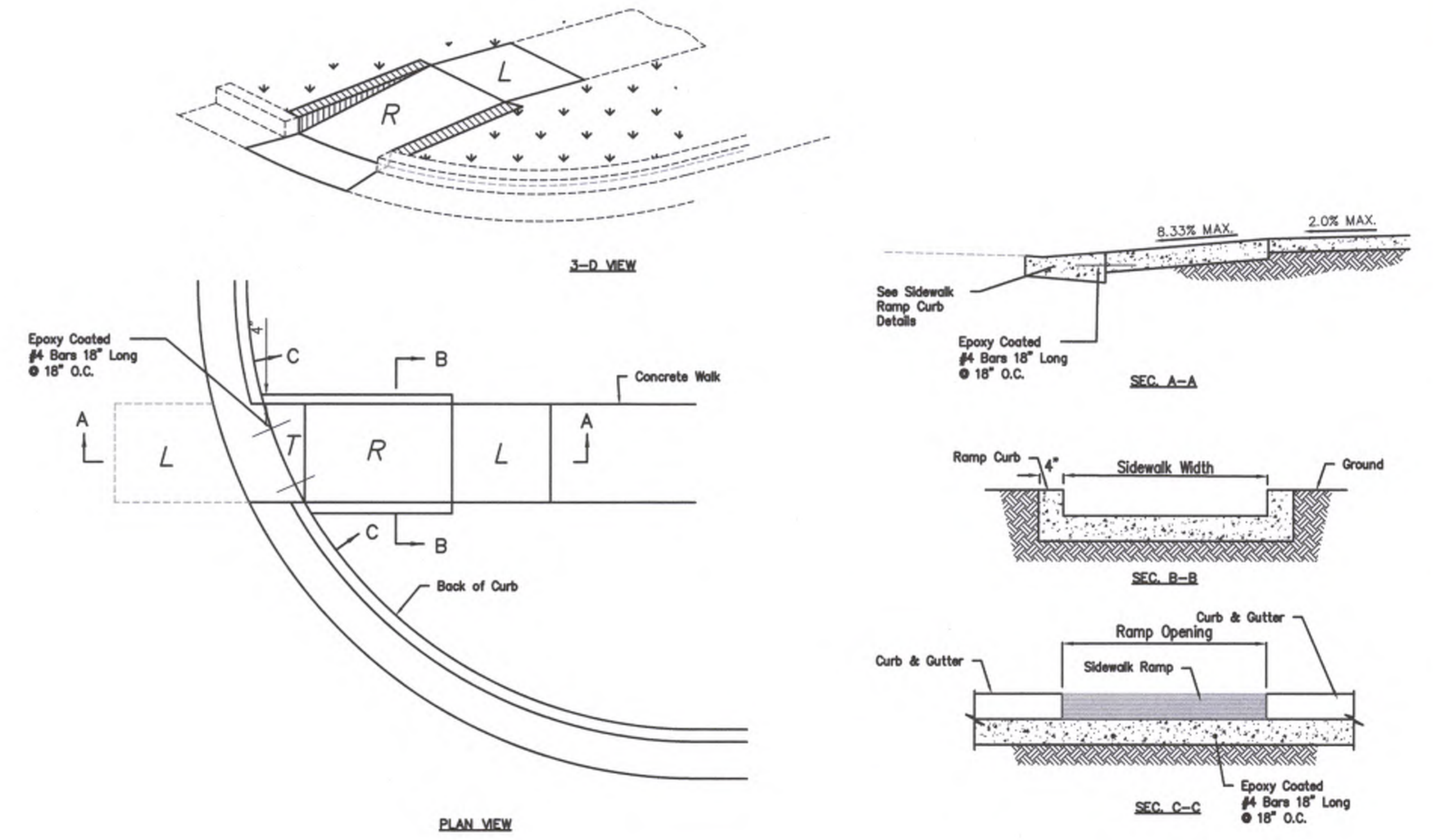


**6" MONOLITHIC CURB & SIDEWALK**



NOTES:  
 1. EXPANSION, CONTRACTION OR CONSTRUCTION JOINTS ARE TO BE THE SAME AS NOTED ON CURB AND GUTTER DETAIL.  
 2. REMOVE 2" RADIUS ON EDGE OF WALK WHEN THE WALK HEIGHT IS 0" AND ADJACENT TO ANOTHER PAVEMENT SURFACE.

**INTEGRAL CONC. CURB & SIDEWALK**

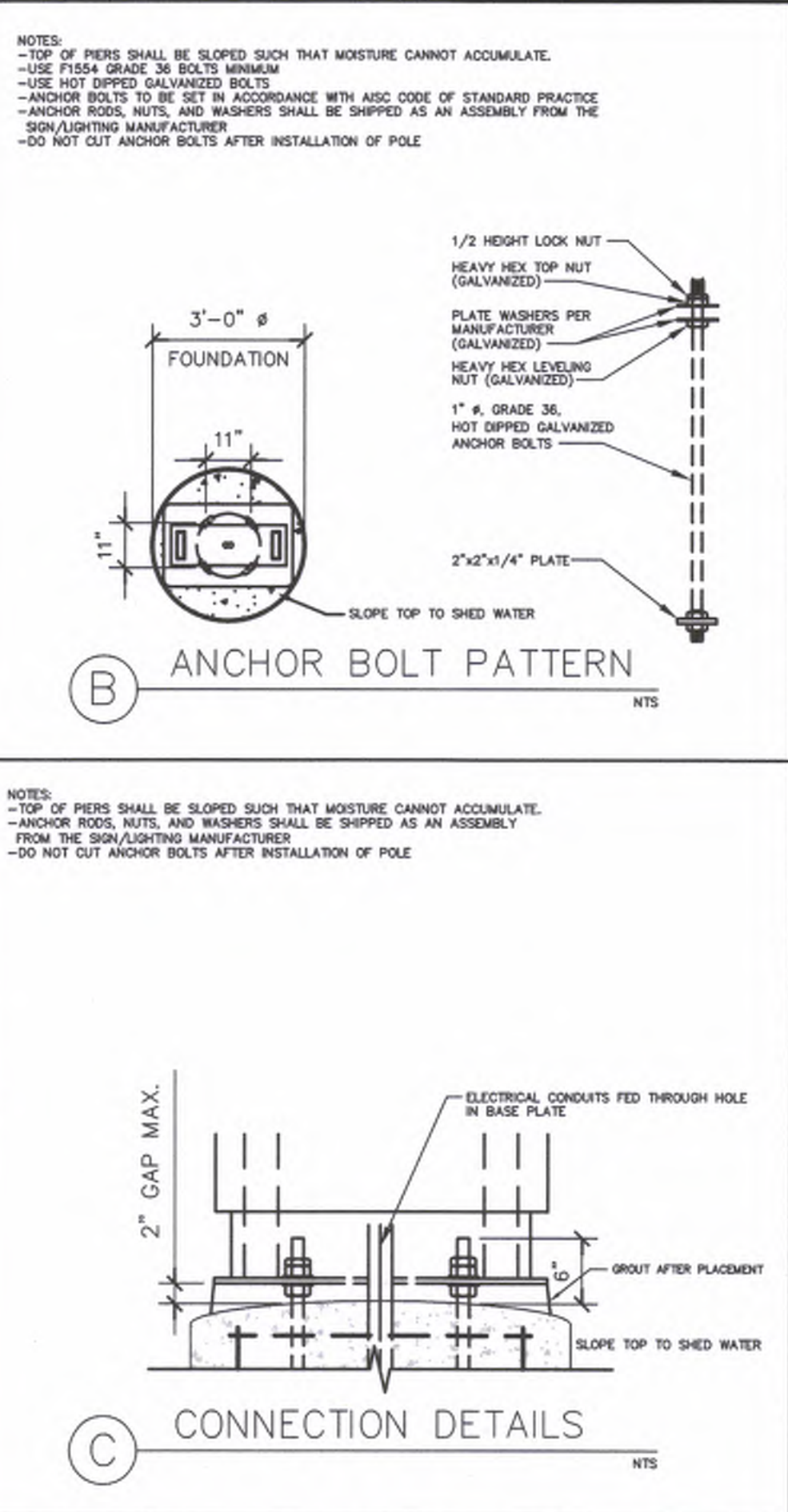
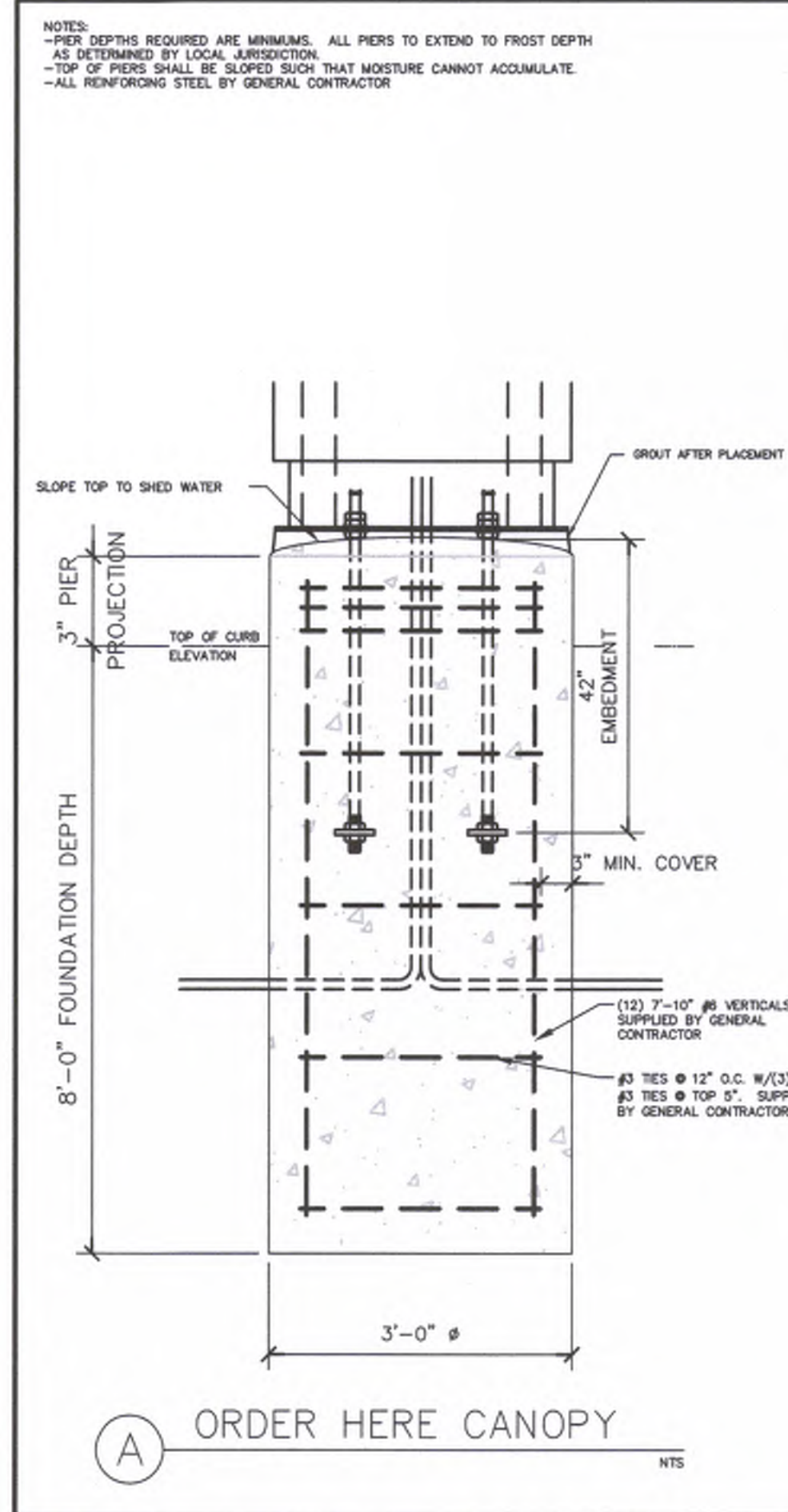


**TYPE 1 SIDEWALK RAMP PRIVATE SIDEWALK RAMPS**



PREPARED BY:	PHELPS ENGINEERING, INC. 1370 N. Winchester Olathe, Kansas 66661 (913) 393-1155 Fax (913) 393-1166 www.phelpsengineering.com
PLANNING IMPLEMENTATION	
PREPARED FOR:	McDonald's USA, LLC
BRAND REVIEW	PLANNING
PERMIT	09-14-21
BD	BD
CONSTRUCTION	
DRAWN BY:	MJR
STATE SITE CODE:	015-015
PROJECT ADDRESS:	12091 STRANG LINE ROAD OLATHE, KANSAS, 66062
PROJECT CAD FILE:	180409
DRAWING TITLE:	STANDARD DETAILS
SHEET NO.:	C6.3

\\PHelps-SERVER\Projects\180409\Drawings\Site Plans\Standard Details.dwg Layout:SIDEWALK Sep 24, 2021 10:30am Mark Reasoner



GENERAL NOTES

-THE FOLLOWING CODES WERE USED IN DESIGN:  
 -SEC 2012  
 -ASCE 7-10  
 -ACI 318-11  
 -ASCE 13th EDITION  
 -ANSI D11  
 -WIND SPEED (115 MPH 3-SEC GUST, STRENGTH LOAD)  
 -EXPOSURE C  
 -DESIGN LOADS DERIVED FROM THESE CODES AND FORCES:  
 -SHEAR = 1400 LB  
 -MOMENT = 10,100 FT-LB

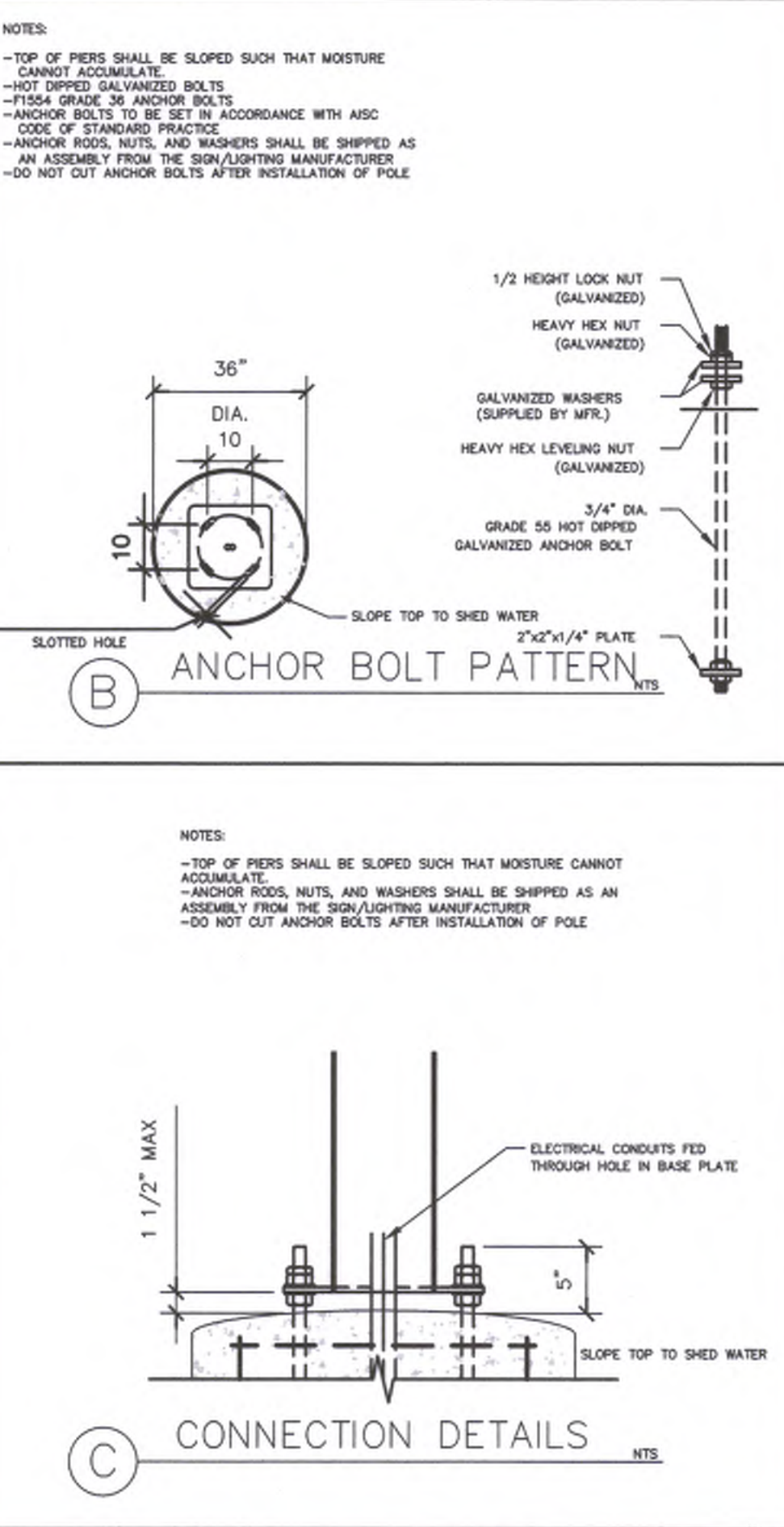
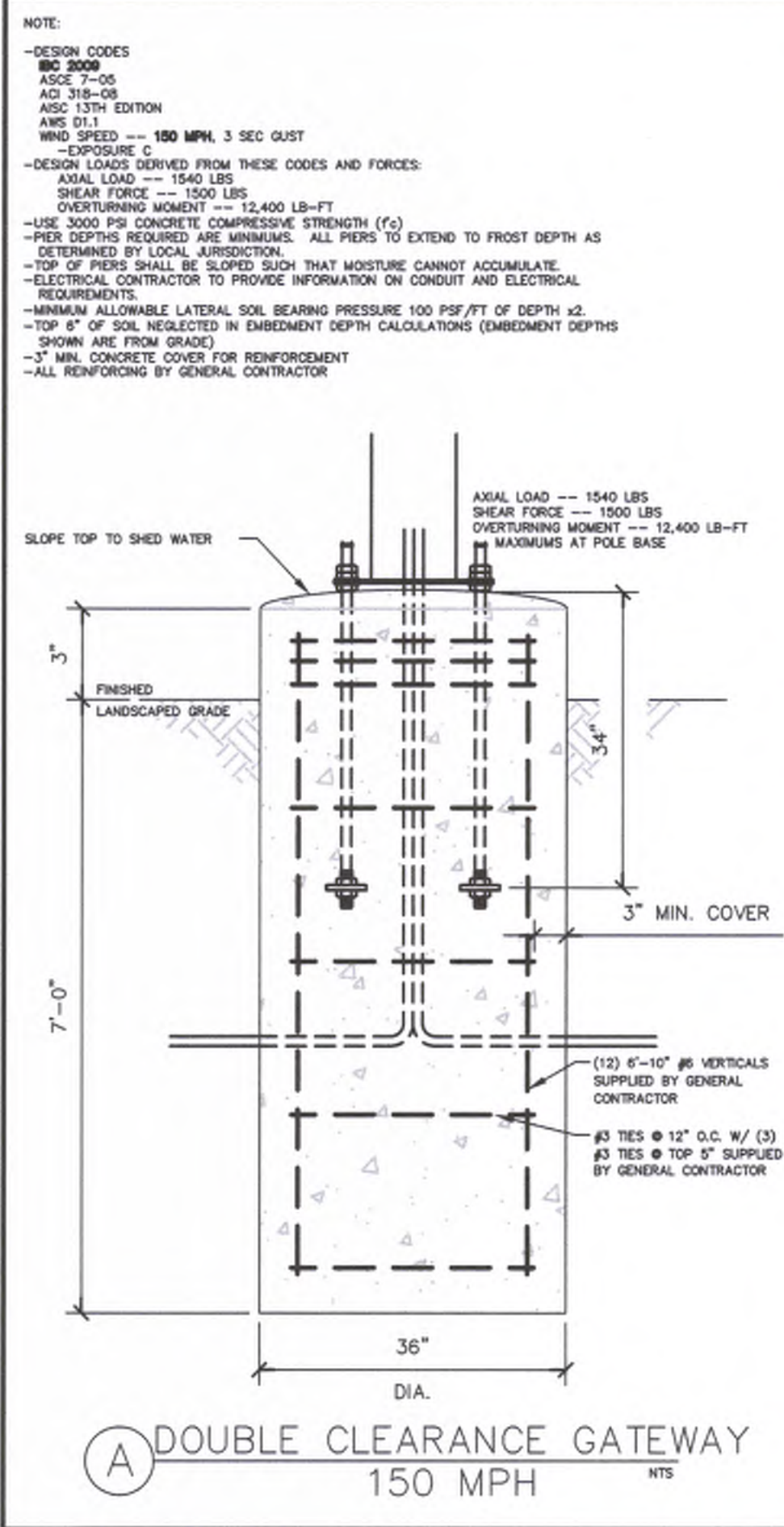
-ALL FOOTING EXCAVATIONS ARE TO BE CLEAR OF WATER AND FOREIGN MATTER BEFORE PLACING CONCRETE.  
 -MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE OF 100PSF/FT (X2 FOR ALLOWABLE MOVEMENT)  
 -IF SOIL CONDITIONS ARE NOT PRESENT, FOUNDATION SHALL BE DESIGNED BY A LICENSED STRUCTURAL ENGINEER TAKING INTO ACCOUNT ACTUAL SITE SOIL CONDITIONS.  
 -TOP 6" OF SOIL NEGLECTED IN EMBEDMENT DEPTH CALCULATIONS (EMBEDMENT DEPTHS 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 EARTH FILL COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY AS PER ASTM D 698-70 (STANDARD PROCTOR) UNLESS NOTED OTHERWISE.  
 -ALL PIERS TO EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION.  
 -TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.  
 -MINIMUM CONCRETE STRENGTH (F<sub>c</sub>) SHOULD CONFORM WITH MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.13-A.  
 -USE OF ADMIXTURES SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 2.8.  
 -AIR ENTRAINMENT SHALL CONFORM WITH MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTIONS 2.6-A & 2.13-A.  
 -WATER CONTENT RATIO SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.13-A.  
 -FOUNDATION CONCRETE TO BE TESTED PER MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 3.14.  
 -PROVIDE A MINIMUM 3" OF CONCRETE COVER OVER ALL EMBEDDED STEEL.  
 -REINFORCEMENT PLACEMENT SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTIONS 3.2 & 3.5, PERFORMED BY GENERAL CONTRACTOR.  
 -ANCHOR BOLTS TO BE SET IN ACCORDANCE WITH ASCE CODE OF STANDARD PRACTICE.  
 -DO NOT PLACE POLES ON CONCRETE UNTIL CONCRETE HAS CURED PER MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATION, SECTION 3.11-E.

STEEL:  
 -STEEL PIPE SECTION: ASTM A53 OR A252 TYPE E GRADE B (F<sub>y</sub> = 35ksi)  
 -HSS ROUND SECTION: ASTM A500 GRADE B (F<sub>y</sub> = 42ksi)  
 -HSS SQUARE/RECTANGULAR SECTIONS: ASTM A500 GRADE B (F<sub>y</sub> = 46ksi)  
 -CONNECTION BOLTS A325  
 -STEEL ANGLES, CHANNELS, STRUCTURAL SHAPES AND PLATES: ASTM A36  
 -REINFORCEMENT: GRADE 60 - BY GENERAL CONTRACTOR  
 -NUTS: A307 OR A194-2H  
 -WASHERS: A307  
 -USE NOT DIPPED GALVANIZED BOLTS AND FASTENERS  
 -ANCHOR RODS, NUTS, AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/LIGHTING MANUFACTURER  
 -NO FIELD HEATING TO BOND STEEL SHALL BE ALLOWED WITHOUT ENGINEER'S APPROVAL  
 -DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE  
 -AFTER INSTALLATION, ALL EXPOSED STEEL SHALL BE PAINTED WITH AN ENAMEL PAINT TO INHIBIT CORROSION  
 -ANY FIELD WELDING SHALL FIRST BE VERIFIED BY ENGINEER AND PERFORMED IN ACCORDANCE WITH AWS D1.1.

-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.  
 -FOUNDATIONS ARE DESIGNED FOR SINGLE OR DOUBLE POLE COLUMNS.  
 -DETAILS AND STRUCTURAL MEMBERS NOT SHOWN DESIGNED BY OTHERS.  
 -ANY MODIFICATIONS ARE TO BE VERIFIED BY AN ENGINEER

"ORDER HERE" CANOPY - FOUNDATION DETAIL



GENERAL NOTES

-THE FOLLOWING CODES WERE USED IN DESIGN:  
 -SEC 2012  
 -ASCE 7-10  
 -ACI 318-11  
 -ASCE 13th EDITION  
 -ANSI D11  
 -WIND SPEED --- 150 MPH, 3 SEC GUST  
 -EXPOSURE C  
 -DESIGN LOADS DERIVED FROM THESE CODES AND FORCES:  
 -SHEAR --- 1500 LBS  
 -MOMENT --- 12,400 LB-FT

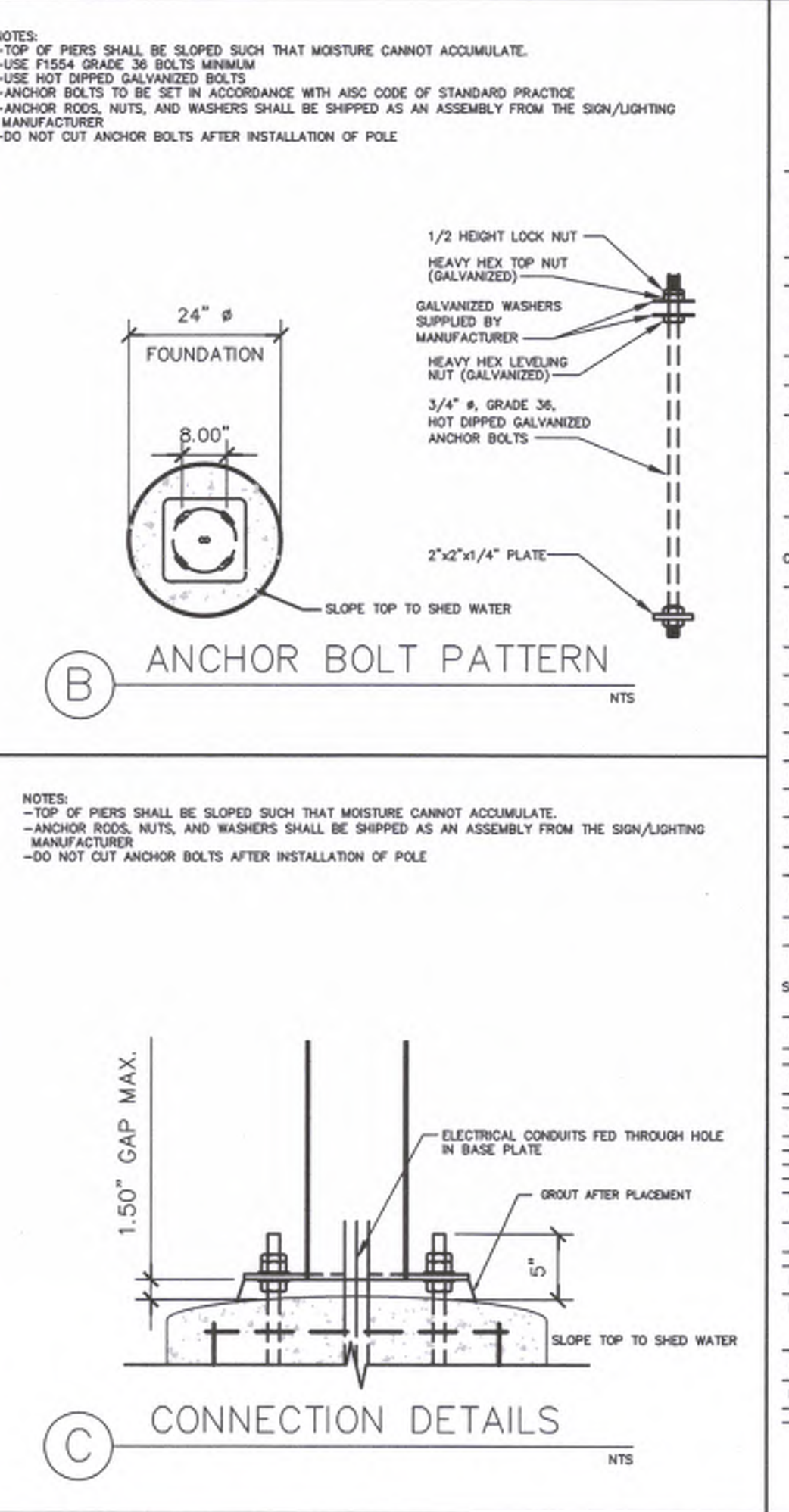
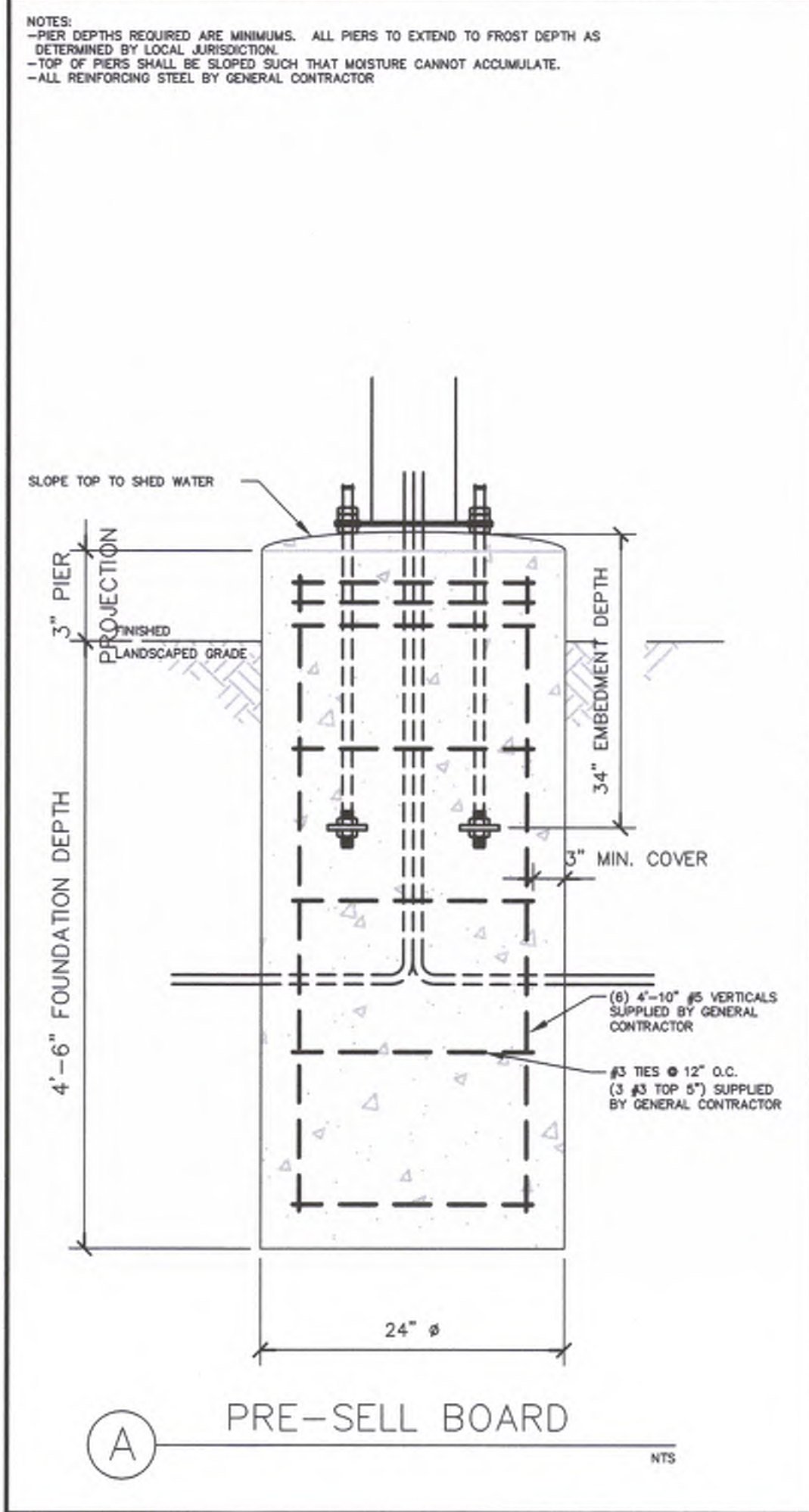
-ALL FOOTING EXCAVATIONS ARE TO BE CLEAR OF WATER AND FOREIGN MATTER BEFORE PLACING CONCRETE.  
 -MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE OF 100PSF/FT (X2 FOR ALLOWABLE MOVEMENT)  
 -IF ASSUMED SOIL CONDITIONS ARE NOT PRESENT, FOUNDATION SHALL BE DESIGNED BY A LICENSED STRUCTURAL ENGINEER TAKING INTO ACCOUNT ACTUAL SITE SOIL CONDITIONS.  
 -TOP 6" OF SOIL NEGLECTED IN EMBEDMENT DEPTH CALCULATIONS (EMBEDMENT DEPTHS 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 EARTH FILL COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY AS PER ASTM D 698-70 (STANDARD PROCTOR) UNLESS NOTED OTHERWISE.  
 -ALL PIERS TO EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION.  
 -TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.  
 -MINIMUM CONCRETE STRENGTH (F<sub>c</sub>) SHOULD CONFORM WITH MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.13-A.  
 -USE OF ADMIXTURES SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 2.8.  
 -AIR ENTRAINMENT SHALL CONFORM WITH MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTIONS 2.6-A & 2.13-A.  
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 -PROVIDE A MINIMUM 3" OF CONCRETE COVER OVER ALL EMBEDDED STEEL.  
 -REINFORCEMENT PLACEMENT SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTIONS 3.2 & 3.5, PERFORMED BY GENERAL CONTRACTOR.  
 -ANCHOR BOLTS TO BE SET IN ACCORDANCE WITH ASCE CODE OF STANDARD PRACTICE.  
 -DO NOT PLACE POLES ON CONCRETE UNTIL CONCRETE HAS CURED PER MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATION, SECTION 3.11-E.

STEEL:  
 -STEEL PIPE SECTION: ASTM A53 OR A252 TYPE E GRADE B (F<sub>y</sub> = 35ksi)  
 -HSS ROUND SECTION: ASTM A500 GRADE B (F<sub>y</sub> = 42ksi)  
 -HSS SQUARE/RECTANGULAR SECTIONS: ASTM A500 GRADE B (F<sub>y</sub> = 46ksi)  
 -CONNECTION BOLTS A325  
 -STEEL ANGLES, CHANNELS, STRUCTURAL SHAPES AND PLATES: ASTM A36  
 -REINFORCEMENT: GRADE 60 - BY GENERAL CONTRACTOR  
 -NUTS: A307 OR A194-2H  
 -WASHERS: A307  
 -USE NOT DIPPED GALVANIZED BOLTS AND FASTENERS  
 -ANCHOR RODS, NUTS, AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/LIGHTING MANUFACTURER  
 -NO FIELD HEATING TO BOND STEEL SHALL BE ALLOWED WITHOUT ENGINEER'S APPROVAL  
 -DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE  
 -AFTER INSTALLATION, ALL EXPOSED STEEL SHALL BE PAINTED WITH AN ENAMEL PAINT TO INHIBIT CORROSION  
 -ANY FIELD WELDING SHALL FIRST BE VERIFIED BY ENGINEER AND PERFORMED IN ACCORDANCE WITH AWS D1.1.

-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.  
 -ANY MODIFICATIONS ARE TO BE VERIFIED BY AN ENGINEER

DOUBLE ARM CLEARANCE GATEWAY - FOUNDATION DETAIL



GEN. NOTES

-THE FOLLOWING CODES WERE USED IN DESIGN:  
 -SEC 2012  
 -ASCE 7-10  
 -ACI 318-11  
 -ASCE 13th EDITION  
 -ANSI D11  
 -WIND SPEED (115 MPH 3-SEC GUST, STRENGTH LOAD)  
 -EXPOSURE C  
 -DESIGN LOADS DERIVED FROM THESE CODES AND FORCES:  
 -SHEAR = 1400 LB  
 -MOMENT = 10,100 FT-LB

-ALL FOOTING EXCAVATIONS ARE TO BE CLEAR OF WATER AND FOREIGN MATTER BEFORE PLACING CONCRETE.  
 -MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE OF 100PSF/FT (X2 FOR ALLOWABLE MOVEMENT)  
 -IF SOIL CONDITIONS ARE NOT PRESENT, FOUNDATION SHALL BE DESIGNED BY A LICENSED STRUCTURAL ENGINEER TAKING INTO ACCOUNT ACTUAL SITE SOIL CONDITIONS.  
 -TOP 6" OF SOIL NEGLECTED IN EMBEDMENT DEPTH CALCULATIONS (EMBEDMENT DEPTHS SHOWN ARE FROM GRADE)  
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 -ALL PIERS TO EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION.  
 -TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.  
 -MINIMUM CONCRETE STRENGTH (F<sub>c</sub>) SHOULD CONFORM WITH MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.13-A.  
 -USE OF ADMIXTURES SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 2.8.  
 -AIR ENTRAINMENT SHALL CONFORM WITH MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTIONS 2.6-A & 2.13-A.  
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 -ANCHOR BOLTS TO BE SET IN ACCORDANCE WITH ASCE CODE OF STANDARD PRACTICE.  
 -DO NOT PLACE POLES ON CONCRETE UNTIL CONCRETE HAS CURED PER MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATION, SECTION 3.11-E.

STEEL:  
 -STEEL PIPE SECTION: ASTM A53 OR A252 TYPE E GRADE B (F<sub>y</sub> = 35ksi)  
 -HSS ROUND SECTION: ASTM A500 GRADE B (F<sub>y</sub> = 42ksi)  
 -HSS SQUARE/RECTANGULAR SECTIONS: ASTM A500 GRADE B (F<sub>y</sub> = 46ksi)  
 -CONNECTION BOLTS A325  
 -STEEL ANGLES, CHANNELS, STRUCTURAL SHAPES AND PLATES: ASTM A36  
 -REINFORCEMENT: GRADE 60 - BY GENERAL CONTRACTOR  
 -NUTS: A307 OR A194-2H  
 -WASHERS: A307  
 -USE NOT DIPPED GALVANIZED BOLTS AND FASTENERS  
 -ANCHOR RODS, NUTS, AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/LIGHTING MANUFACTURER  
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 -DETAILS AND STRUCTURAL MEMBERS NOT SHOWN DESIGNED BY OTHERS.  
 -ANY MODIFICATIONS ARE TO BE VERIFIED BY AN ENGINEER

PRE-SELL MENUBOARD - FOUNDATION DETAIL

NO.	DESCRIPTION	REV.	DATE

PHILIPS ENGINEERING, INC  
 1370 N. Wichita  
 Olathe, Kansas 66061  
 (913) 391-1155  
 Fax: (913) 391-1156  
 www.philipsengineering.com

PLANNING  
 ENGINEERING  
 IMPLEMENTATION

PREPARED FOR:  
 McDonald's USA, LLC

BRAND REVIEW  
 PLANNING  
 PERMIT  
 09-14-21  
 END

CONSTRUCTION  
 DRAWN BY:  
 MMR

STATE SITE CODE:  
 015-0145

SHEET NO. 180409

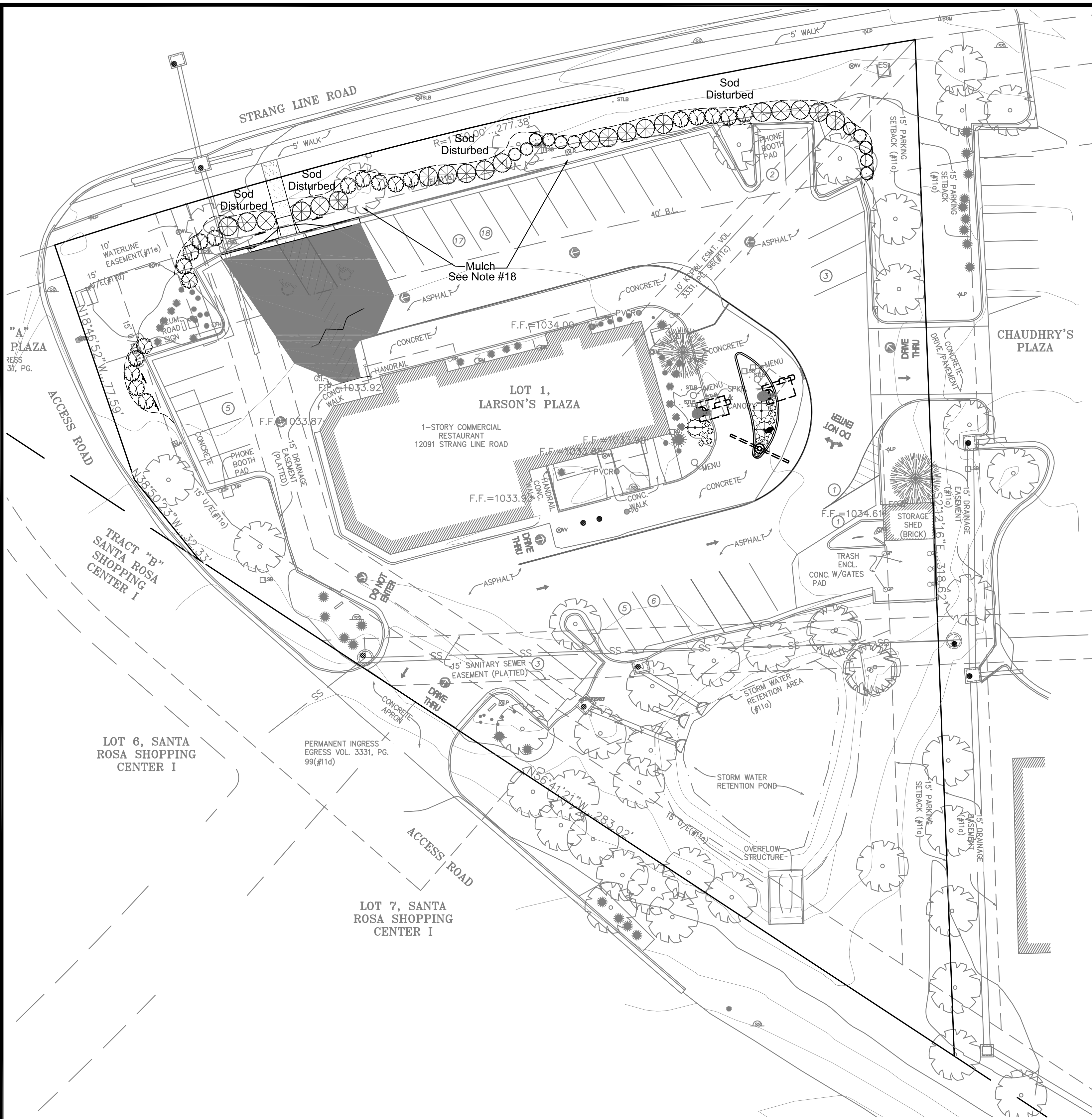
PROJECT ADDRESS:  
 12091 STRANG LINE ROAD  
 OLATHE, KANSAS, 66062

PROJECT CAD FILE:  
 180409

DRAWING TITLE:  
 SITE SIGNAGE DETAILS

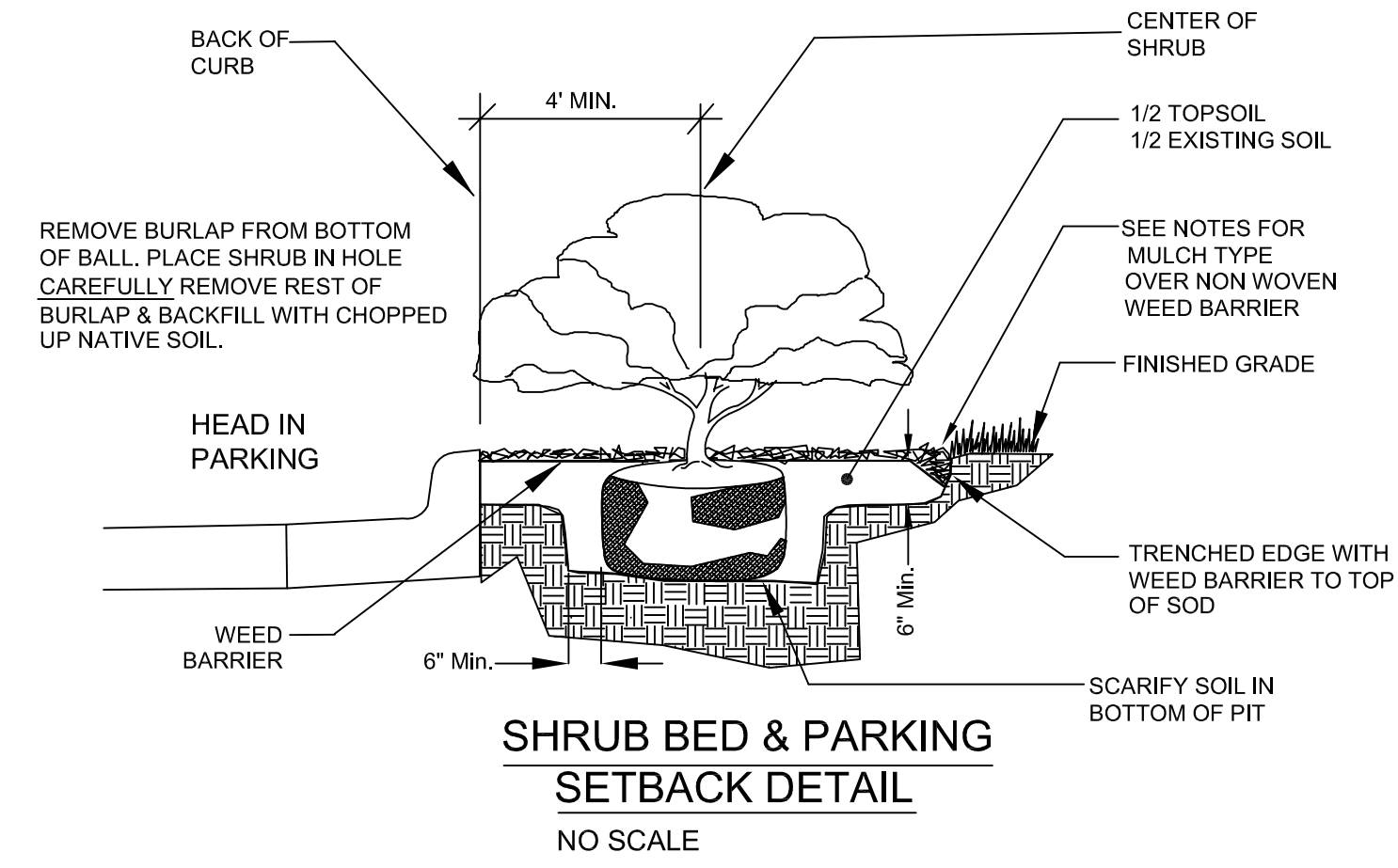
20950  
 9/14/21  
 KANSAS  
 PROFESSIONAL ENGINEER

C6.4



**PLANT SCHEDULE**

SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT
○	11	Hypericum frondosum 'Sunburst' / Sunburst Hypericum 18"-24" hgt. & sp.	3 gal
⊗	21	Juniperus chinensis 'Sea Green' / Sea Green Juniper 24"-30" hgt. & sp.	5 gal
⊗	3	Juniperus virginiana 'Grey Owl' / Grey Owl Juniper 24" sp.	3 gal
⊗	20	Physocarpus opulifolius 'Center Glow' / Center Glow Ninebark 24"-30" hgt. & sp.	3 gal
⊗	12	Rosa x 'Novarosop' / Popcorn Drift Rose 12"-15" sp.	1 gal



**SHRUB BED & PARKING SETBACK DETAIL**  
NO SCALE

**Transplant Additives:**

- Apply a commercial transplant additive (approved by the Landscape Architect) to all trees, shrubs and groundcover at rates recommended by the manufacturer during the planting. This item shall be subsidiary to other planting items.
- Transplant additive shall be Horticultural Alliance "DIEHARD Transplant" (or approved equal) mycorrhizal fungal transplant inoculant or equivalent equal containing the appropriate species of mycorrhizal fungi and bacteria, fungi stimulant, water retaining agents, mineral & organic nutrients and inert ingredients.
- Demonstrate installation of all transplant additives for this project to the Landscape Architect. Provide actual additive product as evidence of sufficient quantity of product. (Empty product bags to be stockpiled for inspection by the Landscape Architect prior to disposal).
- Number of transplant additive packets per tree, shrub or groundcover shall be applied according to the manufacturer's recommended rates and instructions. For all plants the packet mix shall be evenly distributed into the upper approximately 8" of backfill soil next to the rootball. Do not place mix in the bottom of the planting pit.
- Furnishing and application of transplant additive shall be subsidiary to the planting operations.

**Screening Notes:**

During construction when utility boxes and wall mount locations are known the Landscape Architect shall be notified to determine if any modifications need to be made in screening of utility boxes and wall mount locations.

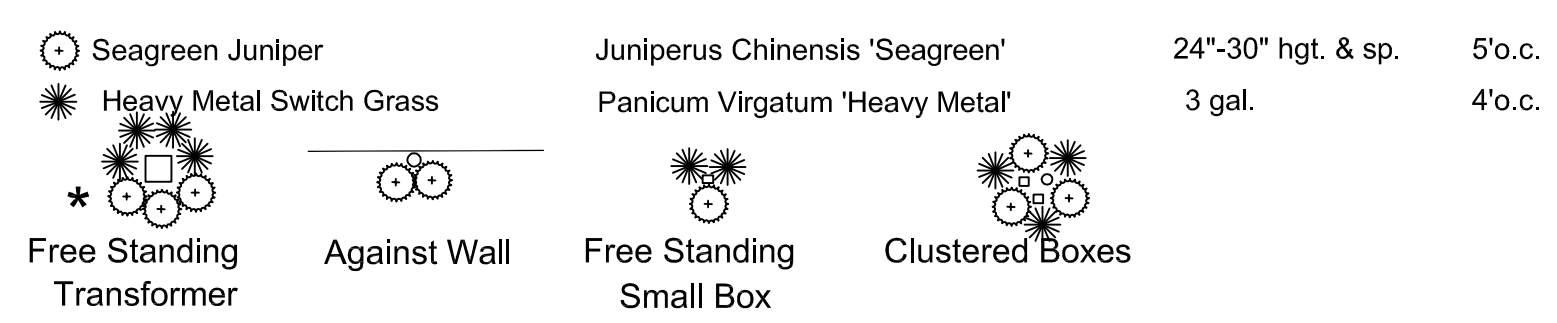
Shrubs used for screening of utility fixtures shall be installed at an initial size of equal to the mechanical equipment and spaced to provide substantial screening.

All exterior ground or building mounted equipment, including but not limited to mechanical equipment, utility meter banks and coolers, shall be screened from public view with landscaping in accordance with the screening details shown on this sheet.

As noted on the utility plan, all above ground electrical and/or telephone cabinets shall be placed within the interior side or rear building setback yards where possible. Where above ground electrical and/or telephone cabinets are required to be in the front or corner side yards adjacent to street right-of way they must be screened with landscape materials in accordance with the screening details shown on this sheet.

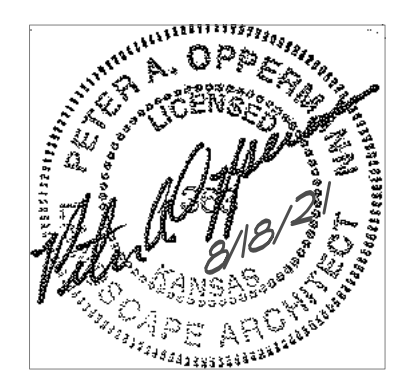
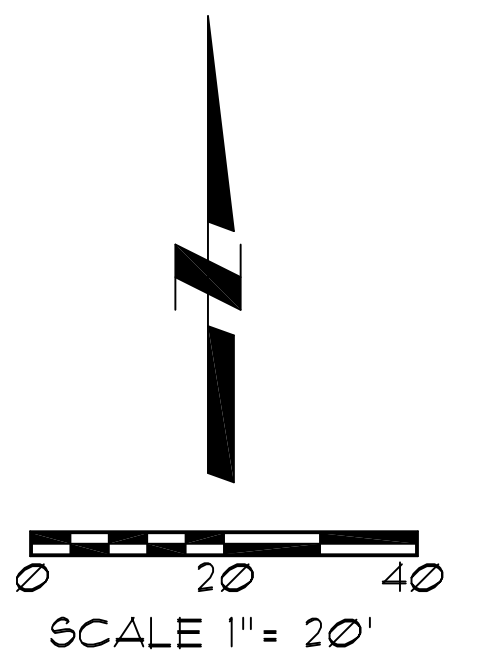
**GENERAL LANDSCAPE NOTES:**

- CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE STARTING ANY WORK.
- CONTRACTOR SHALL VERIFY ALL LANDSCAPE MATERIAL QUANTITIES AND SHALL REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- CONTRACTOR SHALL MAKE NO SUBSTITUTIONS WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL STAKE LAYOUT PLAN IN THE FIELD AND SHALL HAVE THE LAYOUT APPROVED BY THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH THE INSTALLATION.
- ALL LANDSCAPE BEDS SHALL BE TREATED WITH THE PRE-EMERGENT HERBICIDE PRE M 60 DG (GRANULAR) OR AN APPROVED EQUAL IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- ALL LANDSCAPE BEDS SHALL RECEIVE A TRENCHED EDGE. SEE SHRUB PLANTING DETAIL.
- FERTILIZER FOR FESCUE SODDED OR SEEDDED LAWN, TREES AND CONTAINER STOCK AREAS SHALL BE A BALANCED FERTILIZER BASED ON RECOMMENDATIONS FROM A SOIL TEST SUPPLIED BY THE LANDSCAPE CONTRACTOR FROM AN APPROVED TESTING LAB.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE PLANTS UNTIL COMPLETION OF THE JOB AND ACCEPTANCE BY THE OWNER.
- CONTRACTOR SHALL WARRANTY ALL LANDSCAPE WORK AND PLANT MATERIAL FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE OF THE WORK BY THE OWNER.
- CONTRACTOR SHALL PROVIDE MAINTENANCE OF ALL TREES AND SHRUBS FOR A PERIOD OF ONE YEAR AFTER THE DATE OF SUBSTANTIAL COMPLETION IF CONTRACTED BY THE OWNER.
- ANY PLANT MATERIAL WHICH DIES DURING THE ONE YEAR WARRANTY PERIOD SHALL BE REPLACED BY THE CONTRACTOR DURING NORMAL PLANTING SEASONS.
- ALL PLANT NAMES ON THE PLANT LIST CONFORM TO THE STANDARDIZED PLANT NAMES PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE OR TO NAMES GENERALLY ACCEPTED IN THE NURSERY TRADE.
- ALL PLANT MATERIAL SHALL BE SPECIMEN QUALITY STOCK AS DETERMINED IN THE "AMERICAN STANDARDS FOR NURSERY STOCK" PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, FREE OF PLANT DISEASES AND PESTS, OF TYPICAL GROWTH OF THE SPECIES AND HAVING A HEALTHY, NORMAL ROOT SYSTEM.
- SIZES INDICATED ON THE PLANT LIST ARE THE MINIMUM, ACCEPTABLE SIZE. IN NO CASE WILL SIZES LESS THAN THE SPECIFIED SIZES BE ACCEPTED.
- PLANTS SHALL NOT BE PRUNED PRIOR TO DELIVERY TO THE SITE OR AFTER INSTALLATION EXCEPT FOR THOSE BRANCHES THAT HAVE BEEN DAMAGED IN SOME WAY.
- PLANTS SHALL NOT HAVE NAME TAGS REMOVED PRIOR TO FINAL INSPECTION.
- ALL PLANTINGS SHALL RECEIVE A COMMERCIAL TRANSPLANT ADDITIVE PER MANUFACTURER'S RECOMMENDED RATES AND INSTRUCTIONS FOR APPLICATION.
- MULCH SHALL BE 3" DEPTH THAT MATCHES EXISTING LANDSCAPE BEDS OVER A FELT TYPE SOIL SEPARATOR CUT INTO THE GROUND WITH A TRENCHED EDGE. SEE TREE DETAIL FOR DIFFERENT MULCH AROUND TREES.
- SEE PLANTING DETAILS FOR SOIL MIX IN PLANTING HOLES.
- SOD SHALL BE A TURF-TYPE-TALL FESCUE GRASS BLEND.
- SUCCESSFUL LANDSCAPE BIDDER SHALL BE RESPONSIBLE FOR THE DESIGN AND MODIFICATION OF ANY EXISTING IRRIGATION SYSTEM TO BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION.



**Typical Utility Box Screening Details**  
No Scale Note: Quantities Not Included In Plant List  
UTILITY BOXES SHALL BE CLUSTERED AS MUCH AS POSSIBLE  
\* In case of transformer tall than 3 ft. replace Seagreens with 6 ft. Keteeri Junipers

**Utility Note:**  
Utilities shown on plan are diagrammatic and some may be missing. Before starting any construction call appropriate locating service. In Kansas call 1-800-DIG-SAFE (344-7233) to have utilities located.



**Landscape Plan**  
**McDonald's**  
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