



UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON FIELD MARKINGS PROVIDED BY 1/13/2021 811 REQUEST CONFIRMATION NO.: 2101134995

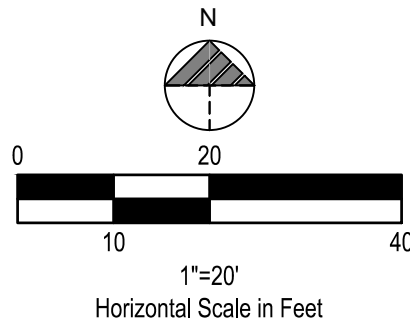
**BENCHMARKS:**

STATE PLANE GRID NORTH, NAD 83 (2011), INDIANA EAST ZONE. ELEVATIONS ARE NAVD 88, GEOID 12B. TIED BY GNSS TO THE I.N.D.O.T. VRS.

BENCHMARK #1 - BOX CUT E-SIDE LIGHTPOLE BASE  
N 1546573, E 216072  
ELEVATION=752.05

BENCHMARK #2 - BOX CUT N-SIDE LIGHTPOLE BASE  
N 1546534, E 215831  
ELEVATION=751.11

BENCHMARK #3 - SE ANCHOR BOLT LIGHTPOLE BASE  
N 1546756, E 215806  
ELEVATION=750.40



**LEGEND**

(SEE SHEET C-001 FOR GENERAL LEGEND)

- ST PROPOSED STORM SEWER
- SAN PROPOSED SANITARY SEWER
- W PROPOSED WATER SERVICE
- GAS PROPOSED GAS SERVICE
- E PROPOSED UNDERGROUND ELECTRIC SERVICE
- T/E PROPOSED UNDERGROUND TELEPHONE & CABLE SERVICE
- D.S. PROPOSED DOWNSPOUT
- A APPURTENANCES
- # UTILITY CONSTRUCTION KEYNOTE

**PLAN KEYNOTES**

**STORM**

100. PROPOSED STORM SEWER CONNECTION TO EXISTING CATCH BASIN. CONTRACTOR SHALL FIELD VERIFY EXISTING INVERTS AND NOTIFY ENGINEER IF THERE IS A DISCREPANCY. CONTRACTOR SHALL NEATLY CORE DRILL AND ENSURE WATER TIGHT CONNECTION.
101. CONTRACTOR TO FIELD VERIFY EXISTING INVERTS PRIOR TO ORDERING STRUCTURE. CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF THERE ARE ANY ISSUES.
102. PROPOSED 42 L.F. OF 12" HDPE STORM SEWER @ 1.05%
103. PROPOSED 42 L.F. OF 12" HDPE STORM SEWER @ 0.81%
104. PROPOSED 28 L.F. OF 10" HDPE STORM SEWER @ 3.83%
105. PROPOSED 111 L.F. OF 6" PVC STORM SEWER @ 1.93%
106. PROPOSED WYE CONNECTION, SEE SHEET C-504, 6" INV = 746.20
107. PROPOSED 30 L.F. OF 6" PVC STORM SEWER @ 6.73%
108. PROPOSED 4 L.F. OF 6" PVC STORM SEWER @ 1.00%. INV. AT BUILDING = 748.00
109. PROPOSED DOWNSPOUT COLLECTOR LINE @ 2.00% MINIMUM. 16 L.F. TOTAL. 6" INV. = 748.00 AT BUILDING.
110. PROPOSED WYE CONNECTION, SEE SHEET C-504, 6" INV = 746.77.

**SANITARY**

200. PROPOSED SANITARY CONNECTION. INV=742.82. CONTRACTOR TO FIELD VERIFY INV. PRIOR TO CONSTRUCTION AND NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF THERE IS A DISCREPANCY.
201. PROPOSED 103 L.F. OF 6" PVC SANITARY SEWER @ 1.00%.
202. PROPOSED 88 L.F. OF 6" PVC SANITARY SEWER @ 1.00%.
203. PROPOSED SANITARY WYE CONNECTION, SEE SHEET C-504, INV=745.77
204. PROPOSED 20 L.F. OF 6" PVC SANITARY SEWER @ 2.10%.
205. PROPOSED 3 L.F. OF 6" PVC SANITARY SEWER @ 2.10%.
206. PROPOSED 12 L.F. OF 6" PVC SANITARY SEWER @ 1.00%.
207. PROPOSED 7 L.F. OF 6" PVC SANITARY SEWER @ 1.00%.
208. 6" SANITARY BUILDING INV. = 746.26
209. PROPOSED 3" SANITARY VENT PIPE, SEE MECHANICAL PLANS.

**WATER**

300. PROPOSED WATER CONNECTION. COORDINATE WITH PLUMBING PLANS.
301. PROPOSED WATER METER AND BACKFLOW PREVENTOR IN VAULT PER UTILITY COMPANY STANDARDS AND SPECIFICATIONS.
302. PROPOSED 122 L.F. 1.5" COPPER TYPE 'K' WATER SERVICE LINE.
303. PROPOSED WATER SERVICE TAP PER CITY OF UTILITY COMPANY STANDARDS AND SPECIFICATIONS.
304. PROPOSED 1" IRRIGATION CONNECTION. UNDER SEPARATE CONTRACT.

**ELECTRIC AND COMMUNICATIONS**

400. PROPOSED ELECTRIC METER PER ELECTRIC COMPANY SPECIFICATIONS. SEE BUILDING DRAWINGS FOR EXACT LOCATION. ELECTRIC SERVICE LINE TO BE COORDINATED WITH THE ELECTRIC COMPANY.
401. PROPOSED ELECTRIC AND TELECOMMUNICATIONS SERVICE CONNECTION TO BE COORDINATED WITH THE UTILITY COMPANIES.
402. PROPOSED LIGHT POLE. SEE STRUCTURAL PLANS FOR LIGHT POLE DETAIL. SEE ELECTRICAL DRAWINGS FOR SPECIFICATIONS.
403. PROPOSED ELECTRICAL POLE MOUNTED TRANSFORMER PER ELECTRICAL COMPANY SPECIFICATIONS. G.C. TO VERIFY EXACT LOCATION AND SIZE WITH UTILITY ENGINEER.
404. EXISTING PYLON SIGN. CONTRACTOR TO PROVIDE NEW ELECTRICAL CONNECTIONS.

**GAS**

500. PROPOSED GAS METER PER GAS COMPANY SPECIFICATIONS. SEE BUILDING DRAWINGS FOR EXACT LOCATION. GAS SERVICE LINE TO BE COORDINATED WITH THE GAS COMPANY.
501. PROPOSED 104 L.F. GAS SERVICE CONNECTION TO BE COORDINATED WITH THE GAS COMPANY.
502. CONTRACTOR TO COORDINATE PROPOSED CONNECTION INTO EXISTING GAS VALVE OR NEW TAP INTO EXISTING GAS LINE.

**UTILITY CROSSINGS**

GENERAL CROSSING NOTES: CONTRACTOR SHALL COORDINATE ALL CROSSINGS WITH THE UTILITY COMPANY. PRESSURIZED AND SECONDARY UTILITIES SHALL DEFLECT TO MAINTAIN 18" CLEAR AT SANITARY OR STORM SEWER CROSSINGS.

600. PROPOSED UTILITY CROSSING: 6" STORM INV=747.82; 6" SANITARY INV=746.22.

EXISTING STRUCTURES	
STRICT. ID	STRUCTURE DETAILS
EX 198	EXISTING CATCH BASIN RIM = 747.63 10" PVC (SE) = 744.43 12" CMP (N&S) = 743.63 PROP. 12" (E) = 743.63
EX 721	EXISTING CATCH BASIN RIM = 747.54 12" CMP (N&S) = 744.09
EX 886	EXISTING CATCH BASIN RIM = 746.46 12" RCP (E&W) = 743.01
EX 893	EXISTING CATCH BASIN RIM = 746.96 12" RCP (E) = 743.56 PROP. 12" (NW) = 743.56
EX 924	EXISTING CATCH BASIN RIM = 746.89 12" RCP (E) = 743.54
EX 951	EXISTING CATCH BASIN RIM = 747.21 15" RCP (E&W) = 743.81
EX 955	EXISTING CATCH BASIN RIM = 747.67 15" RCP (E) = 744.47 PROP. 6" (W) = 745.22
EX 1175	EXISTING CATCH BASIN RIM = 746.46 COVERED W/SILT PROTECTION
EX 873	EXISTING SANITARY MANHOLE RIM = 746.43 6" PVC (E,W,&SW) = 742.53

\* FINGER DRAIN INVERT SHALL MATCH THE BOTTOM OF THE PAVEMENT AGGREGATE BASE. SEE SHEET C-504. CONTRACTOR TO CUT FINGER DRAIN SHORTER AS NEEDED AT EXISTING PAVEMENT CONNECTIONS.

PROPOSED STRUCTURES	
STRICT. ID	STRUCTURE DETAILS
CB 1	PROPOSED CATCH BASIN (SEE SHEET C-504) RIM=747.25 *FINGER DRAINS (N,S,E,W) INV. 12" (SE)=744.00 SUMP = 742.00
CB 2	PROPOSED CATCH BASIN (SEE SHEET C-504) RIM=747.51 *FINGER DRAINS (N,S,E) INV. 10" (E)=743.97 INV. 12" (SW)=743.97 SUMP =741.97
CB 3	PROPOSED CATCH BASIN (SEE SHEET C-504) RIM=747.79 *FINGER DRAINS (W,S,E) INV. 12" (NW,SE) = MATCH EXISTING (SEE KEYNOTE #101 THIS SHEET)
YD 1	PROPOSED 18" NYLOPLAST YARD DRAIN (SEE SHEET C-504) RIM=747.88 INV. 10" (W)=745.08
CO 1	PROPOSED STORM CLEANOUT (SEE SHEET C-504) RIM=750.32 INV. 6" (N)=747.96
CO 2	PROPOSED STORM CLEANOUT (SEE SHEET C-504) RIM=749.86 INV. 6" (E)=747.36
SSCO 1	PROPOSED SANITARY CLEANOUT (SEE SHEET C-504) RIM=748.95 INV. 6" (E)=743.85
SSCO 2	PROPOSED SANITARY CLEANOUT (SEE SHEET C-504) RIM=750.37 INV. 6" (S)=746.20
SSCO 3	PROPOSED SANITARY CLEANOUT (SEE SHEET C-504) RIM=750.21 INV. 6" (S)=746.19
SSGI 1	PROPOSED 1,000 GALLON EXTERIOR GREASE INTERCEPTOR (SEE SHEET C-504) RIM=750.26 INV. 6" PVC (N)=746.07 INV. 6" PVC (S)=745.82



DATE	REMARKS

CONTRACT DATE: 02.01.21  
BUILDING TYPE: END20  
PLAN VERSION: MARCH 2020  
BRAND DESIGNER:  
SITE NUMBER: 294252  
STORE NUMBER: 2679  
PA/PM: JW  
DRAWN BY.: TW  
JOB NO.: 2018088.31

**TACO BELL**  
1579 N. MORTON ST.  
FRANKLIN, IN 46131

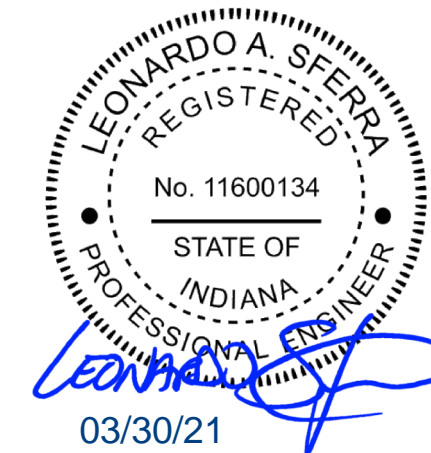


UTILITY PLAN

**C-131**

PLLOT DATE:





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BUILDING TYPE: END20  
PLAN VERSION: MARCH 2020  
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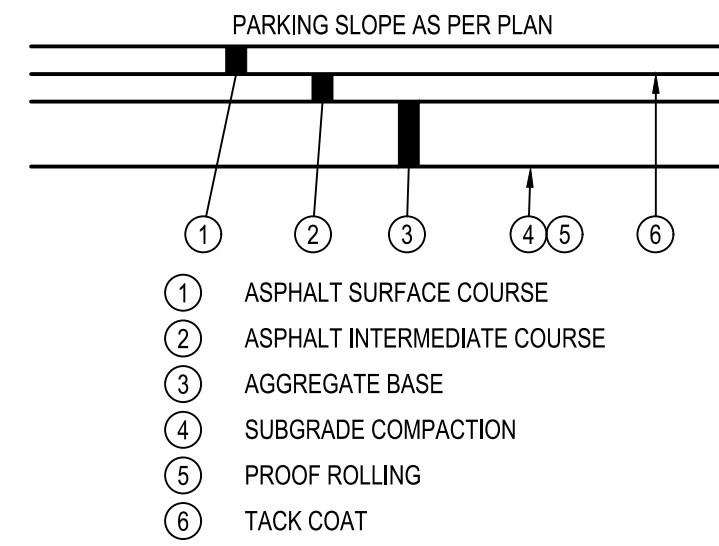


ENDEAVOR 2.0

DETAILS

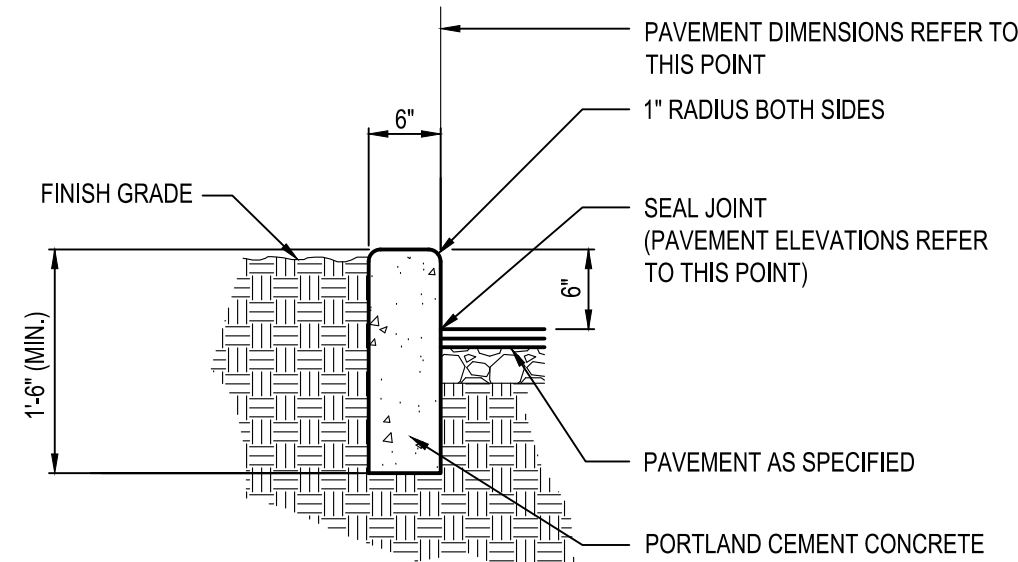
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PLOT DATE:



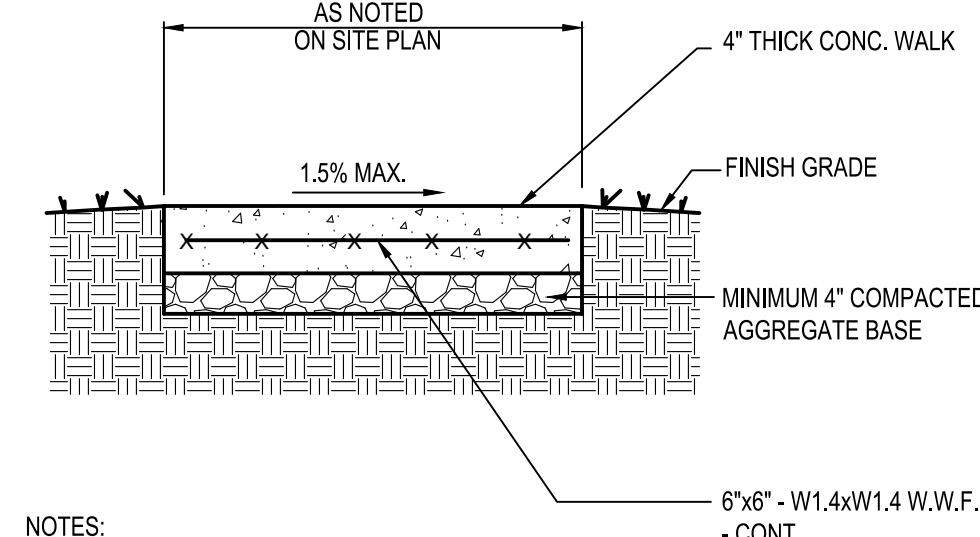
NOTES:

1. APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT AND WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT INCLUDING SAW CUT JOINTS.
2. SEE SITE PLAN FOR PAVEMENT THICKNESSES.
3. NO RAP SHALL BE PERMITTED IN ASPHALT SURFACE COURSE.



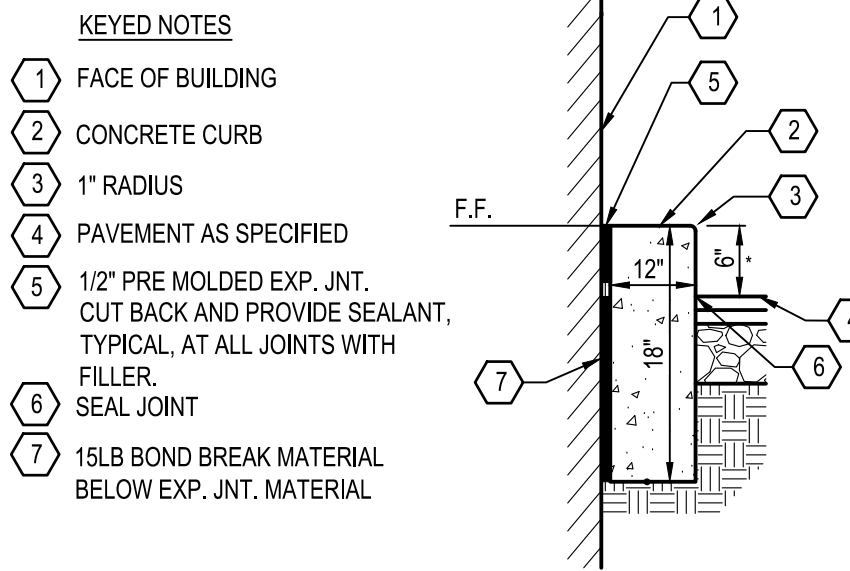
**C4 P.C.C CURB**  
N.T.S.

**C3 TYPICAL PAVEMENT SECTION**  
N.T.S.



NOTES:

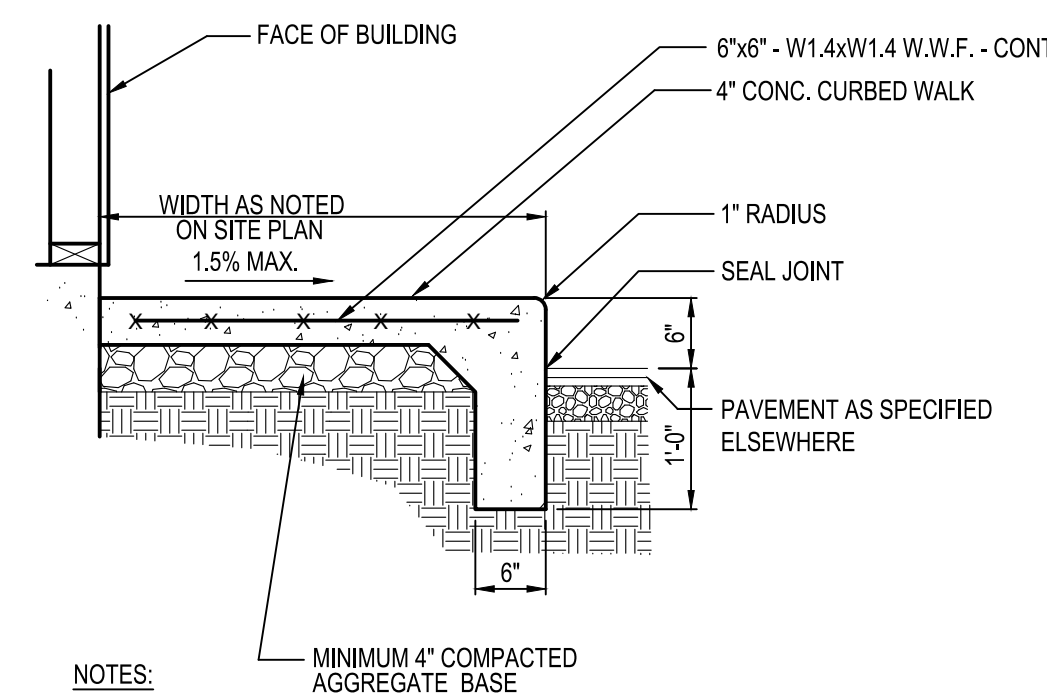
1. CONTRACTOR SHALL INSTALL 1/2" PRE-FORMED EXPANSION JOINT MATERIAL AND JOINT SEALER WHERE PAVEMENT ABUTS BUILDING.



- KEYED NOTES
- 1 FACE OF BUILDING
  - 2 CONCRETE CURB
  - 3 1" RADIUS
  - 4 PAVEMENT AS SPECIFIED
  - 5 1/2" PRE MOLDED EXP. JNT. CUT BACK AND PROVIDE SEALANT, TYPICAL AT ALL JOINTS WITH FILLER.
  - 6 SEAL JOINT
  - 7 15LB BOND BREAK MATERIAL BELOW EXP. JNT. MATERIAL

\* SEE GRADING PLAN FOR ANY VARIATIONS TO EXPOSED CURB HEIGHT.

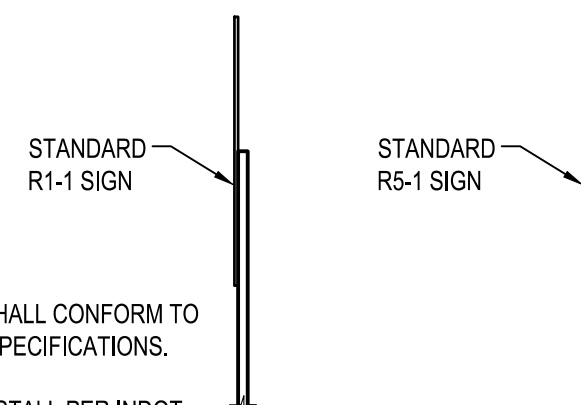
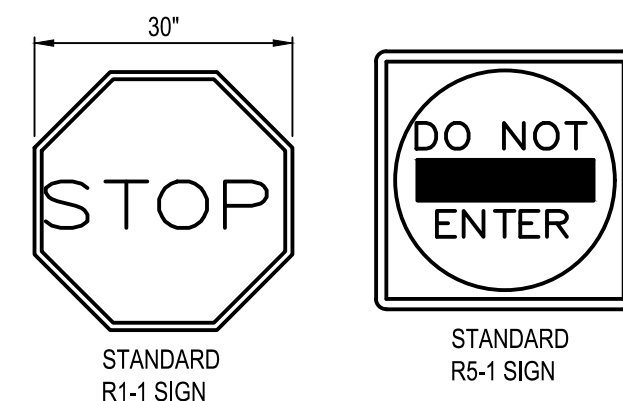
**B4 CURB AT DRIVE THRU**  
N.T.S.



NOTES:

1. CONTRACTOR SHALL INSTALL 1/2" PRE-FORMED EXPANSION JOINT MATERIAL AND JOINT SEALER WHERE PAVEMENT ABUTS BUILDING.

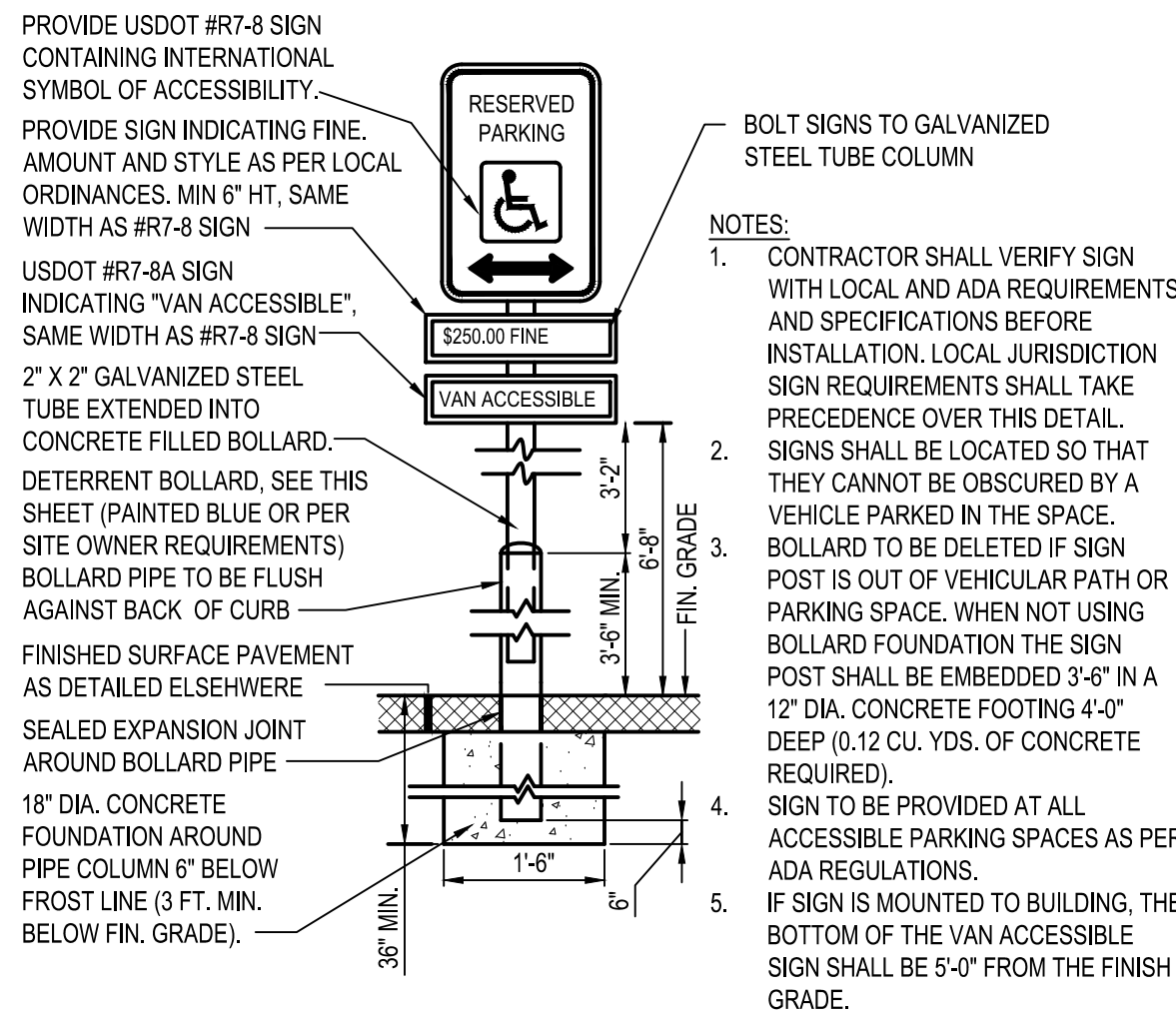
**A4 P.C.C CURBED WALK**  
N.T.S.



NOTE

1. ALL SIGNS NOTED SHALL CONFORM TO THE LATEST ODOT SPECIFICATIONS.
2. CONTRACTOR TO INSTALL PER INDOT SPECIFICATIONS.

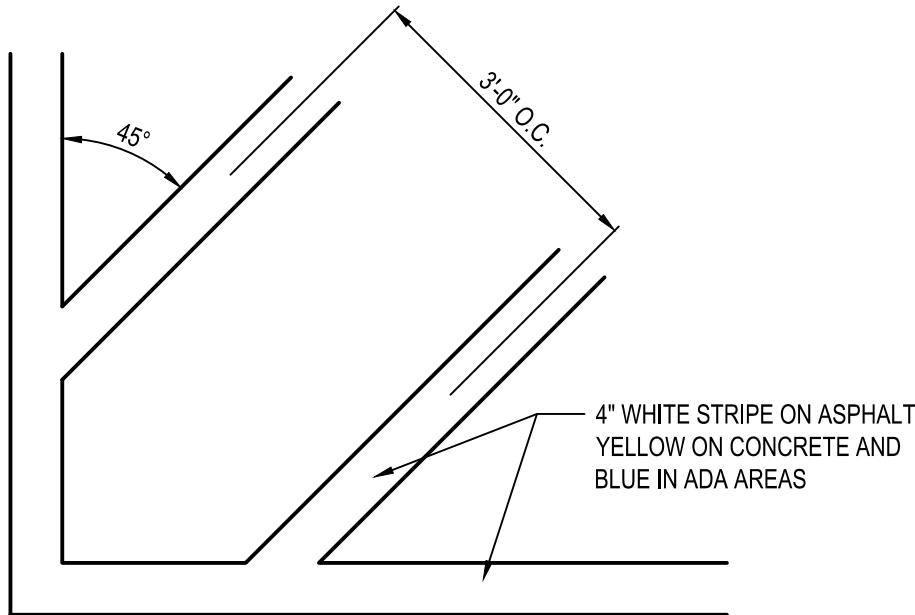
**A3 DO NOT ENTER AND KEEP RIGHT SIGN**  
N.T.S.



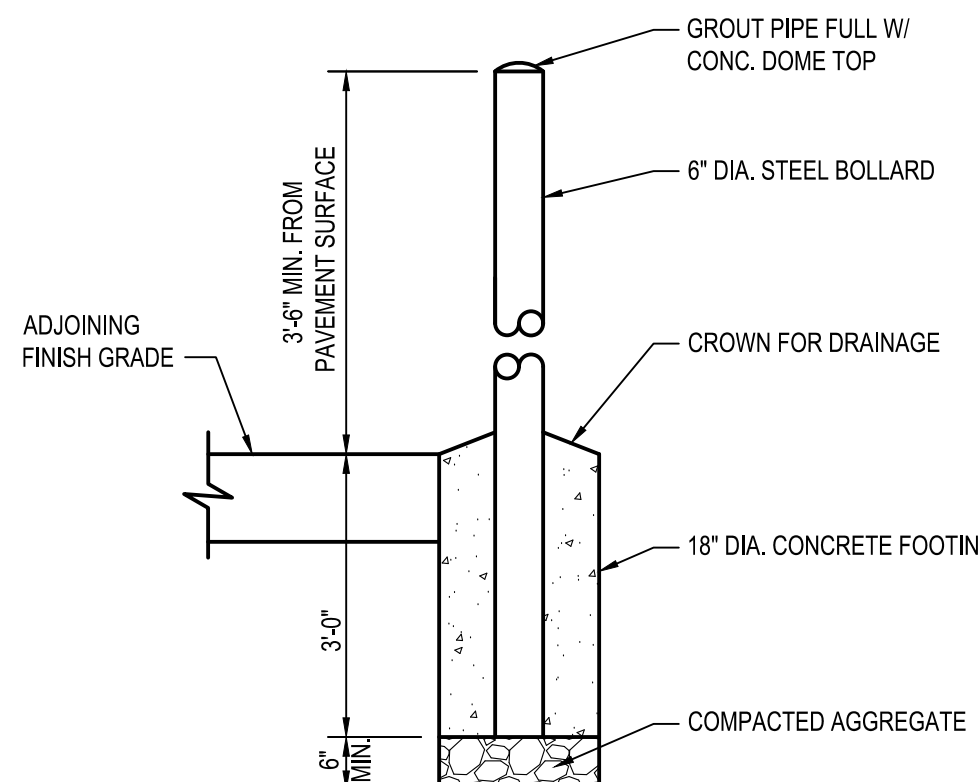
NOTES:

1. CONTRACTOR SHALL VERIFY SIGN WITH LOCAL AND ADA REQUIREMENTS AND SPECIFICATIONS BEFORE INSTALLATION. LOCAL JURISDICTION SIGN REQUIREMENTS SHALL TAKE PRECEDENCE OVER THIS DETAIL. SIGNS SHALL BE LOCATED SO THAT THEY CANNOT BE OBTAINED BY A VEHICLE PARKED IN THE SPACE. BOLLARD TO BE DELETED IF SIGN POST IS OUT OF VEHICULAR PATH OR PARKING SPACE. WHEN NOT USING BOLLARD FOUNDATION THE SIGN POST SHALL BE EMBEDDED 3'-6" IN A 12" DIA. CONCRETE FOOTING 4'-0" DEEP (0.12 CU. YDS. OF CONCRETE REQUIRED).
2. SIGN TO BE PROVIDED AT ALL ACCESSIBLE PARKING SPACES AS PER ADA REGULATIONS.
3. IF SIGN IS MOUNTED TO BUILDING, THE BOTTOM OF THE VAN ACCESSIBLE SIGN SHALL BE 5'-0" FROM THE FINISH GRADE.

**C2 ADA PARKING SIGN IN DETERRENT BOLLARD**  
N.T.S.



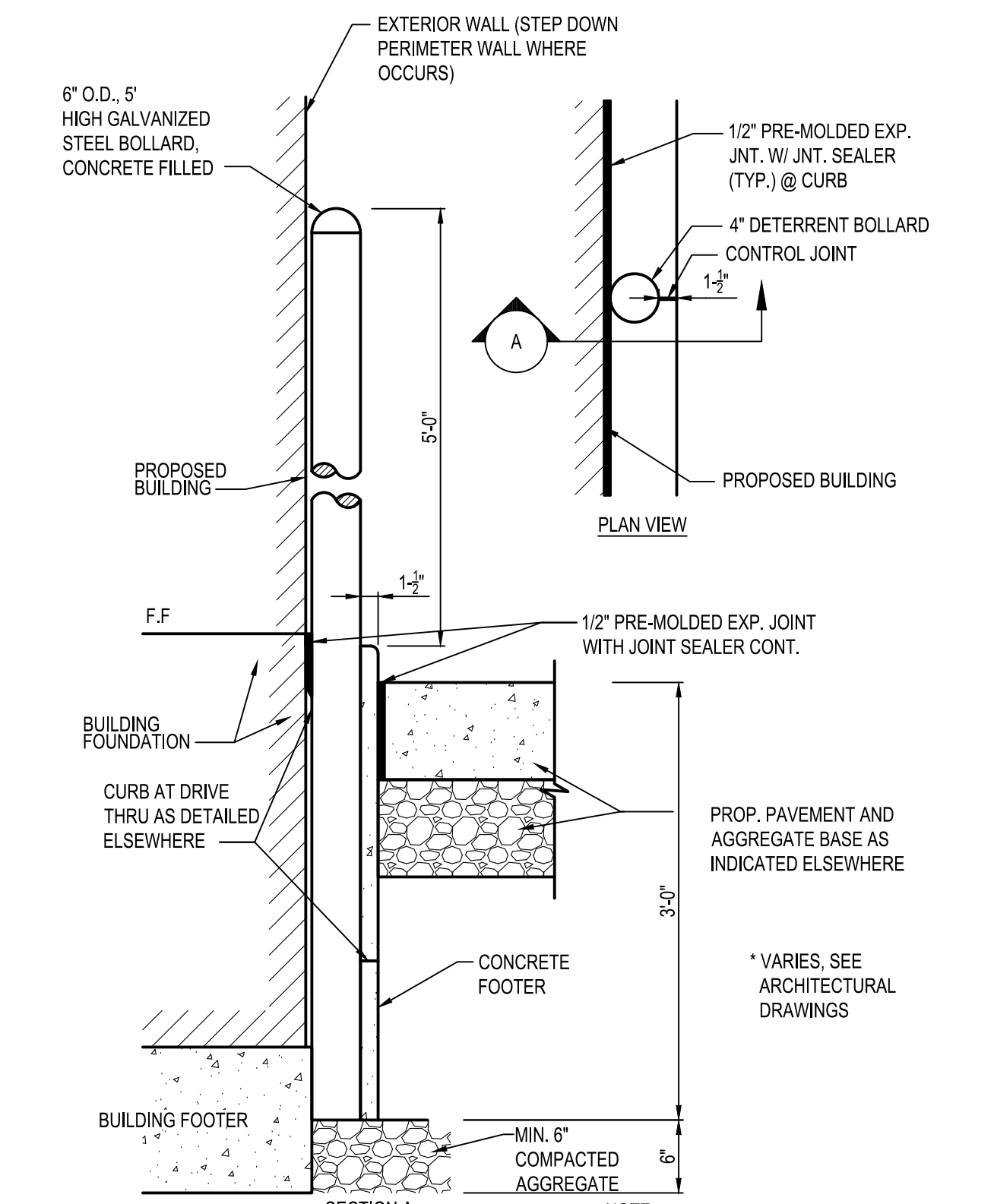
**B2 TRANSVERSE STRIPING**  
N.T.S.



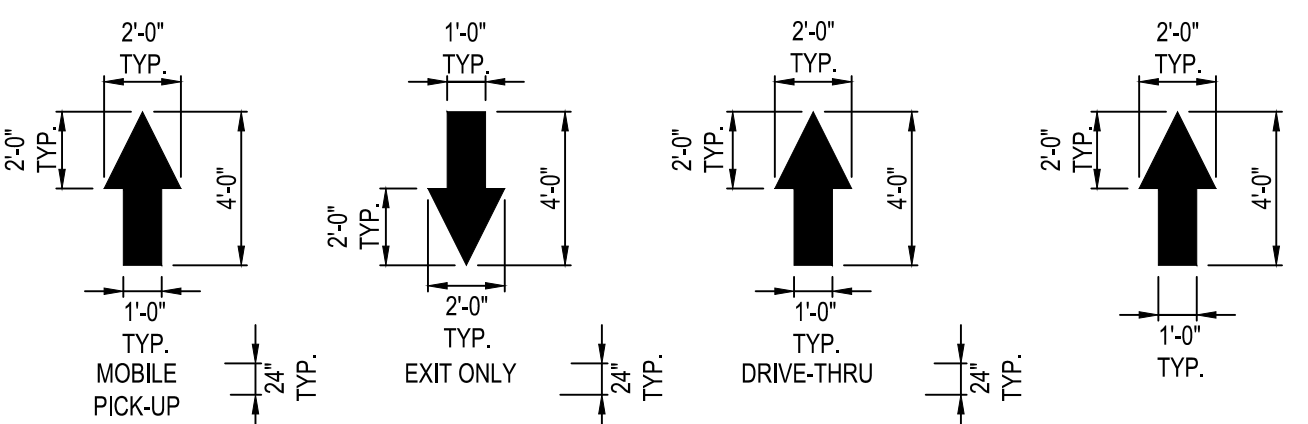
NOTE:

1. CONTRACTOR TO PRIME STEEL POST AND PROVIDE A YELLOW (BLUE FOR ADA) BOLLARD COVER. COVER SHALL BE A STREET SMART SOLUTIONS POST GUARD, DOME-TOP COVER BY US-POSTMAN.COM OR APPROVED EQUAL.
2. WHEN OWNER SPECIFIED ALTERNATE, CONTRACTOR SHALL PAINT BOLLARDS IN LIEU OF BOLLARD COVER, PER CONSTRUCTION MANAGER SPECIFICATIONS.
3. WHERE UTILIZED FOR PEDESTRIAN PROTECTION CONTRACTOR SHALL INSTALL A CRASH RATED BOLLARD PER ASTM F3016/3016M. UTILIZATION OF CRASHCORE BOLLARD BY MCCUE.COM OR APPROVED EQUAL SHALL BE IN ACCORDANCE WITH MANUFACTURE SPECIFICATIONS.

**A2 DETERRENT BOLLARD**  
N.T.S.



**B1 DETERRENT BOLLARD (IN CURB)**  
N.T.S.



NOTES:

ALL PAVEMENT MARKINGS TO BE WHITE PAVEMENT PAINT ODOT ITEM 641, UNLESS STATED OTHERWISE.

MARKING (STRIPING) PAINT FOR PARKING SPACES, TRAFFIC ARROWS, ADA PARKING AND SYMBOLS, ETC., PER LOCAL REQUIREMENTS AND AS FOLLOWS:

EXISTING SURFACES WITHOUT ANY SEAL COATING: OIL BASE (ALKYD RESIN TYPE TO MEET FEDERAL SPECIFICATION TTP-1952.

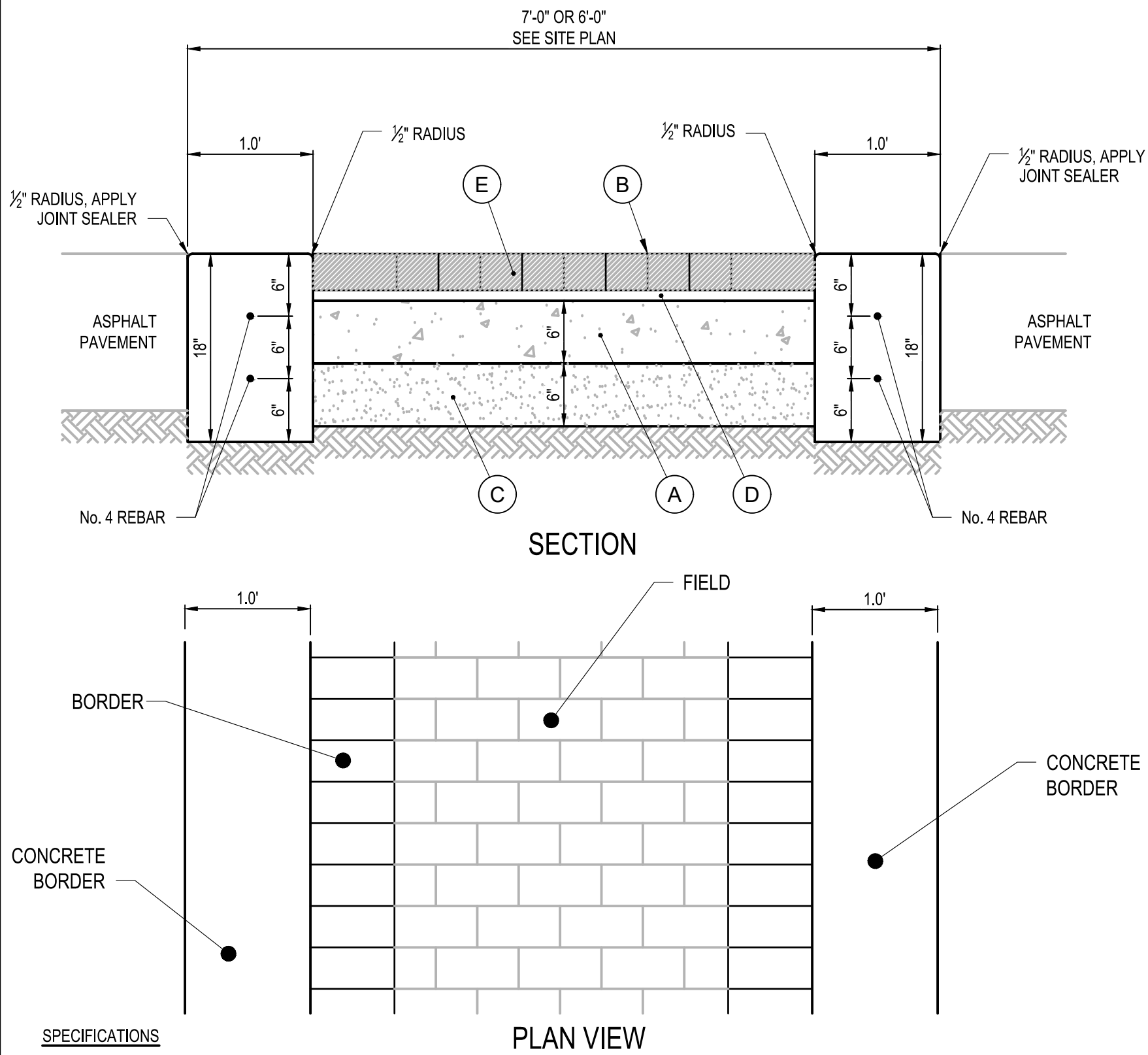
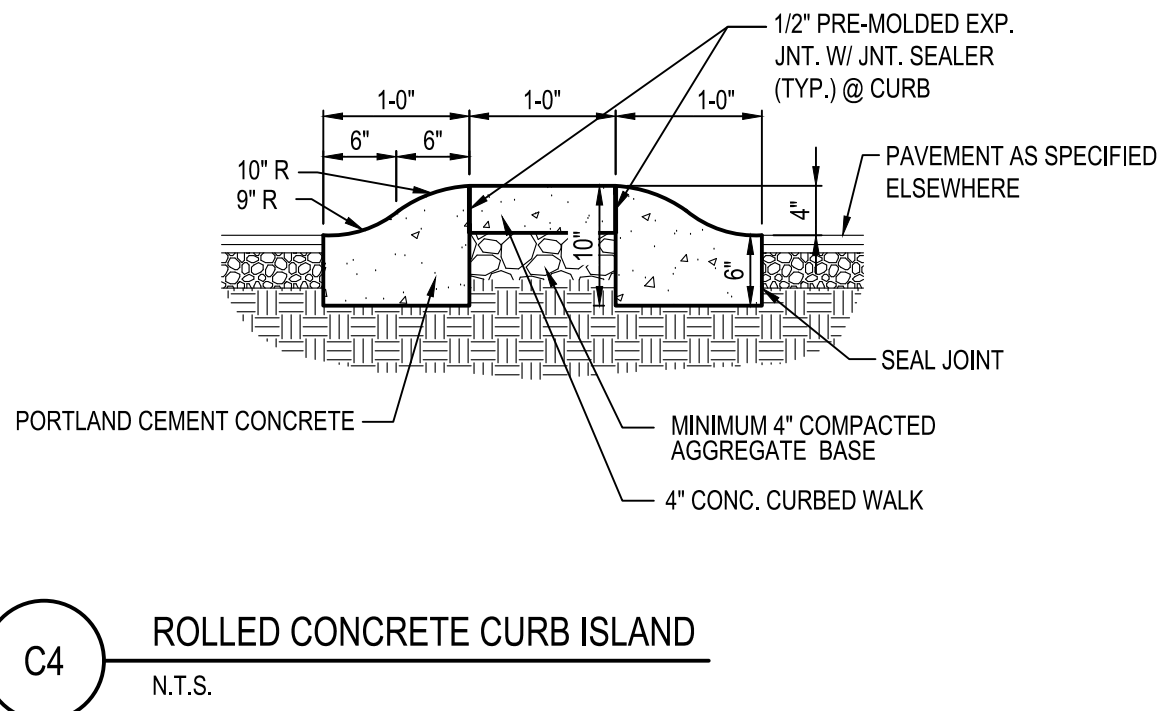
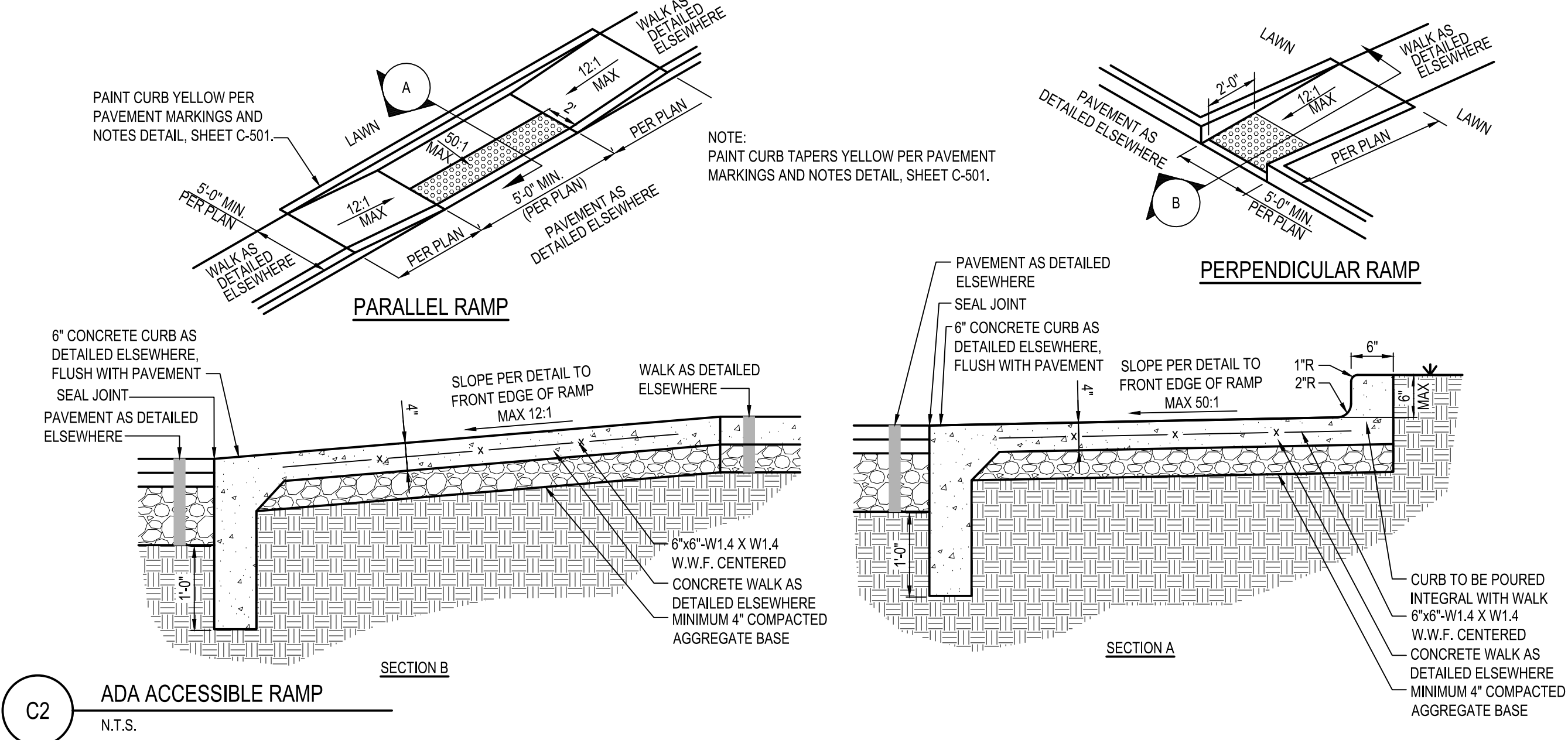
NEW OR EXISTING SURFACES WITH A TOP COATING OR SEAL COATING (USUALLY WATER BASE FAST DRYING 100% ACRYLIC TYPE); WATER BASE TYPE TO MEET FEDERAL SPECIFICATION TTP-01952. FOR COLD WEATHER APPLICATION PAINT PRODUCT SHALL BE IN ACCORDANCE WITH ASTM-D2369, D1394, D3723, D1475, D562, AND D711

PROVIDE A NON-SLIP AGGREGATE ADDITIVE TO MARKING PAINT USED AT ADA ACCESS RAMPS.

APPLY 2 COATS WITH STRAIGHT EDGES, YELLOW ON CONCRETE/WHITE ON ASPHALT EXCEPT WHEN MATCHING ADJACENT OR EXISTING COLOR WHEN THE PAVING IS AN EXPANSION OR SEGMENT OF A LARGER LOT.

**A1 PAVEMENT MARKINGS & NOTES**  
N.T.S.





**SPECIFICATIONS**

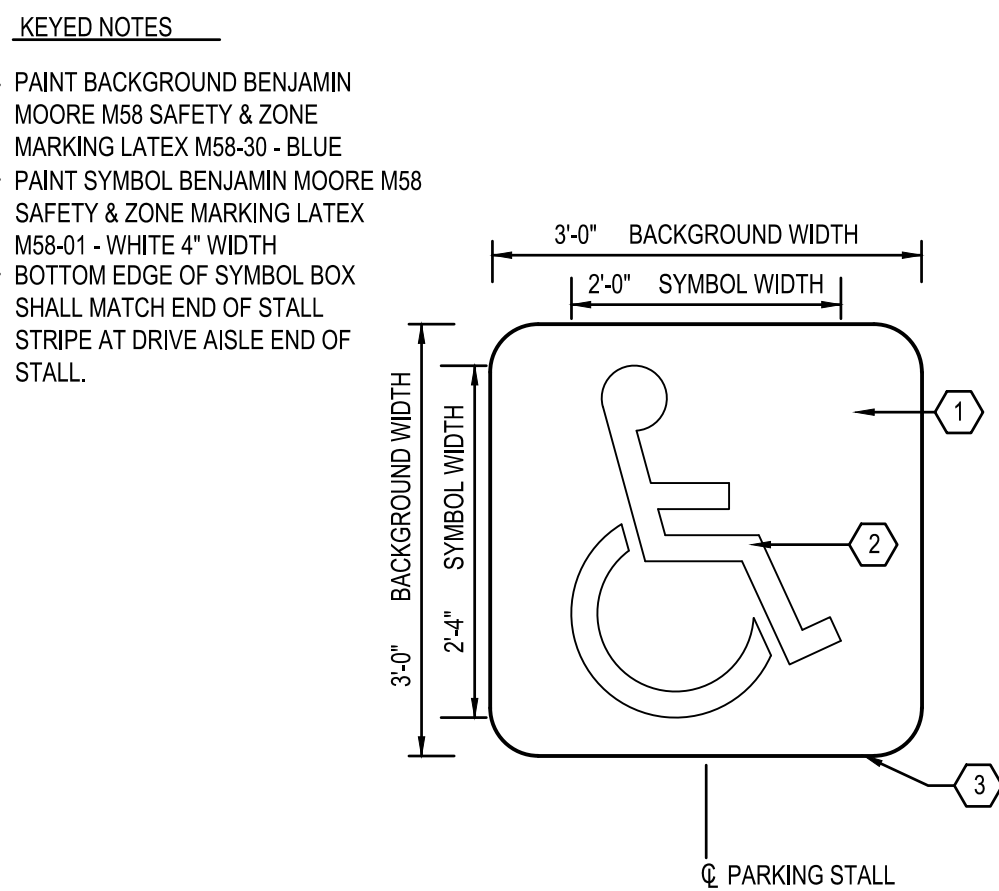
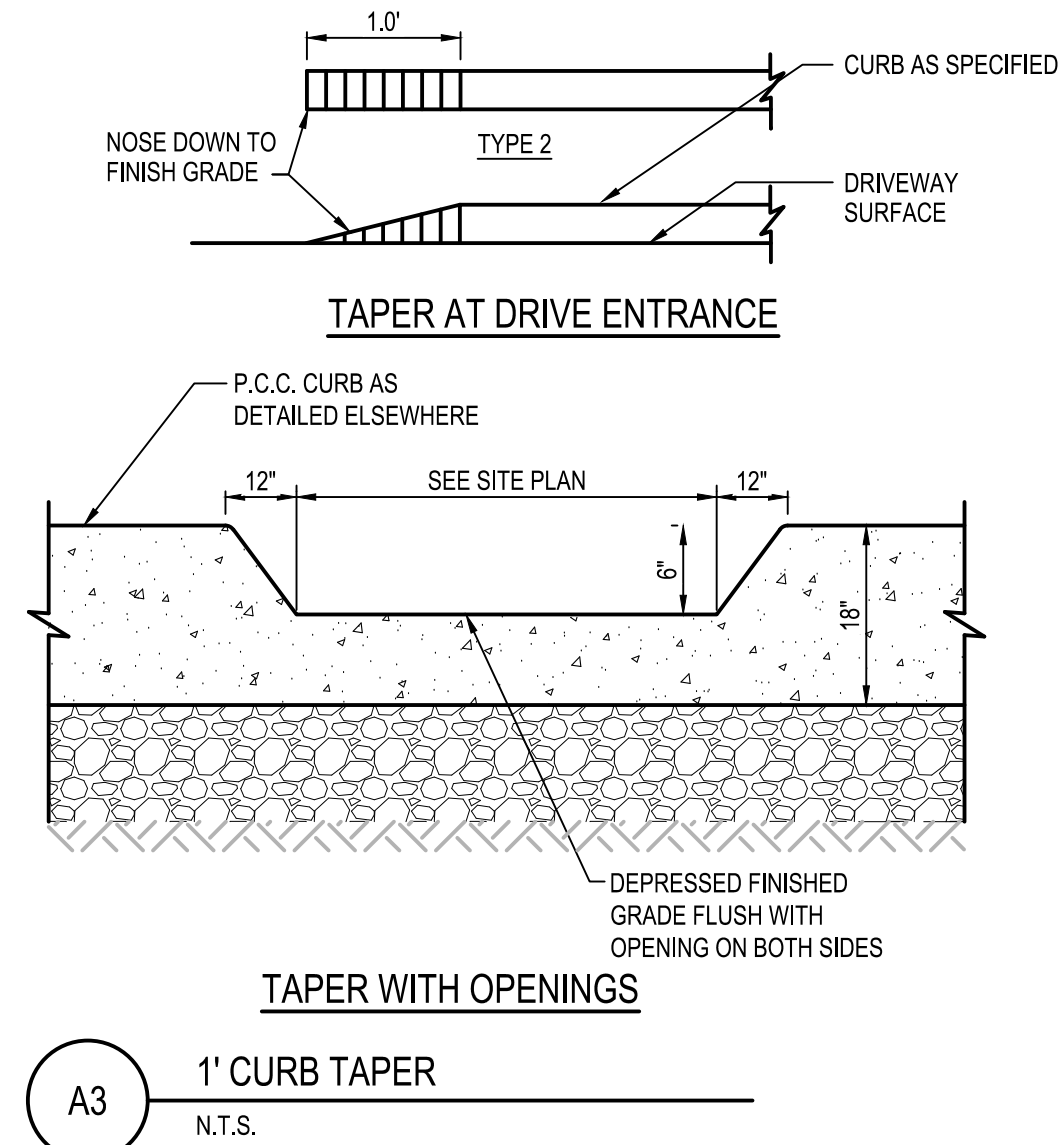
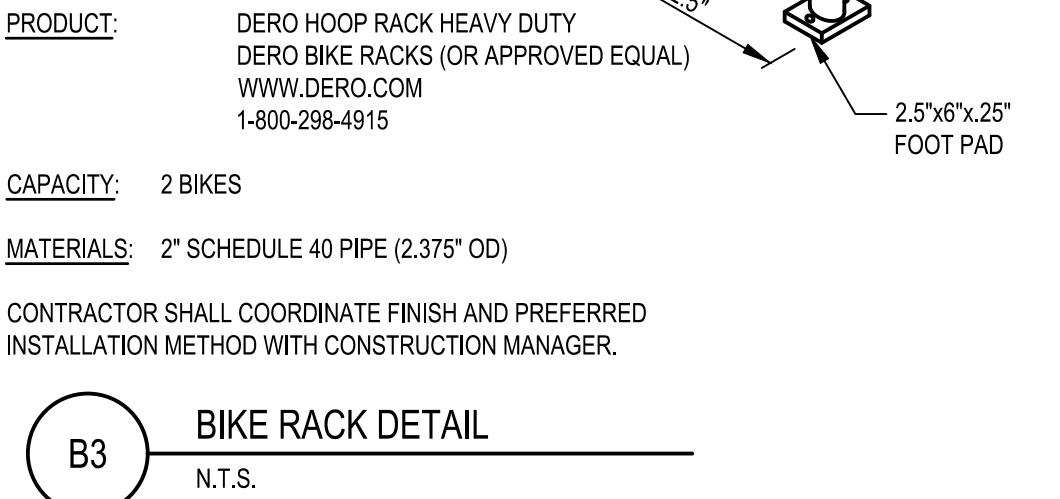
THIS ITEM SHALL CONSIST OF INSTALLING SOLID BRICK PAVERS ON A PREPARED BASE IN AREAS DESIGNATED BY THE PLANS, OR AS DIRECTED BY THE CONSTRUCTION MANAGER.

THE BRICK PAVERS SHALL BE 2-3/4" X 4" X 8" AND IN ACCORDANCE WITH ASTM C-1272-07. BRICKS SHALL MEET ADA GUIDELINES. CONTRACTOR TO COORDINATE COLOR WITH OWNER.

A 3' X 3' SAMPLE OF BRICK PAVERS INCLUDING JOINT FILLER MATERIAL SHALL BE SUBMITTED TO THE CONSTRUCTION MANGAER FOR APPROVAL AT LEAST TWO (2) WEEKS BEFORE BRICK LAYING BEGINS.

THE BASE COURSE MATERIAL SHALL BE 6" AGGREGATE BASE MEETING THE REQUIREMENTS OF INDOT #53's CRUSHED AGGREGATE BASE AND 6" OF P.C.C. CONCRETE MEETING THE REQUIREMENTS OF INDOT SPECIFICATIONS. A 3/4" SAND CUSHION MATERIAL BETWEEN THE CONCRETE BASE AND BRICK PAVEMENT SHALL BE PER INDOT FINE AGGREGATE SPECIFICATIONS. THE JOINT FILLER, AS DIRECTED BY THE CONSTRUCTION MANAGER, SHALL CONSIST OF EITHER ASPHALT FILLER MEETING THE REQUIREMENTS OF ASTM D241, OR POLYSAND MEETING REQUIREMENTS ASTM C-144.

INSTALLATION OF THE BRICK PAVEMENT MAY NOT PROCEED UNTIL THE CONSTRUCTION OR RELOCATION OF UNDERGROUND UTILITIES, INCLUDING MANHOLES, VALVES, INLETS OR PULL BOXES, AND CONSTRUCTION OF PROPOSED CURB AND GUTTER. THE CONTRACTOR SHALL CORRECT ANY AND ALL DEFICIENCIES IN THE SUBGRADE AS NECESSARY. IN A MANNER ACCEPTABLE TO THE ENGINEER. THE SUBGRADE SHALL BE COMPACTED TO SECURE A FIRM FOUNDATION. THE AGGREGATE BASE SHALL BE PLACED AND COMPACTED. THE CONCRETE BASE SHALL THEN BE PLACED AND SCREED TO THE PROPER DEPTH AND ELEVATION SO THAT AFTER THE CUSHION MATERIAL AND PAVING BRICKS ARE PLACED AND COMPACTED, THE BRICKS SHALL MEET ADJACENT ELEVATIONS OF SURROUNDING PAVEMENT. AFTER THE CONCRETE BASE IS CURED THE CUSHION MATERIAL SHALL BE SPREAD AND LEVELED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DELIVERY OF THE BRICKS TO THE SITE. ANY FOREIGN MATERIALS, INCLUDING CONCRETE, ASPHALT, SOIL AND PAINT SHALL BE REMOVED PRIOR TO INSTALLATION. THE BRICKS SHALL BE LAID WITH A BORDER AND FIELD AS SHOWN ON THIS SHEET, HAND TIGHT, WITH A SMOOTH FINISHED SURFACE. THE CONTRACTOR SHALL CAREFULLY TRIM BRICKS AROUND ALL MANHOLES, VALVES, POLE FOUNDATIONS AND PULL BOXES WHILE MAINTAINING THE OVERALL PATTERN OF LAID BRICK. ALL OBJECTIONABLE BRICKS SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE BRICKS. THE BRICKS SHALL BE BROUGHT TO FIRM BEARING AND FINISHED GRADE. WITH THE ADJACENT CONCRETE PAVEMENT BY MEANS OF A RUBBER MALLET AND WOOD BLOCKS. DRIVING OR RAMMING OF THE BRICKS SHALL NOT BE PERMITTED. A MAXIMUM OF 1/8" SHALL BE PERMITTED FOR WHOLE OR CUT BRICK JOINTS. POLYSAND SHALL BE SWEEPED OVER THE BRICKS TO FILL ALL JOINTS AND THE AREA SATURATED BY FINE SPRAYING WITH WATER, OR THE ASPHALT FILLER SHALL BE FIRMLY SET INTO THE JOINTS. THE BRICK SURFACE SHALL NOT VARY MORE THAN 1/8" IN TEN FEET AND SHALL NOT BE MORE THAN 1/16" ABOVE OR BELOW THE ADJACENT PAVEMENT. UNUSED WHOLE BRICKS SHALL BE RETURNED BY THE CONTRACTOR TO THE OWNER AS DIRECTED. BROKEN BRICKS, UNUSED BRICK PIECES, SAND, AND OTHER DEBRIS SHALL BE REMOVED FROM THE SITE.



DATE	REMARKS

CONTRACT DATE: 02.01.21  
BUILDING TYPE: END20  
PLAN VERSION: MARCH 2020  
BRAND DESIGNER:  
SITE NUMBER: 294252  
STORE NUMBER: 2679  
PA/PM: JW  
DRAWN BY.: TW  
JOB NO.: 2018088.31

**TACO BELL**

1579 N. MORTON ST.  
FRANKLIN, IN 46131



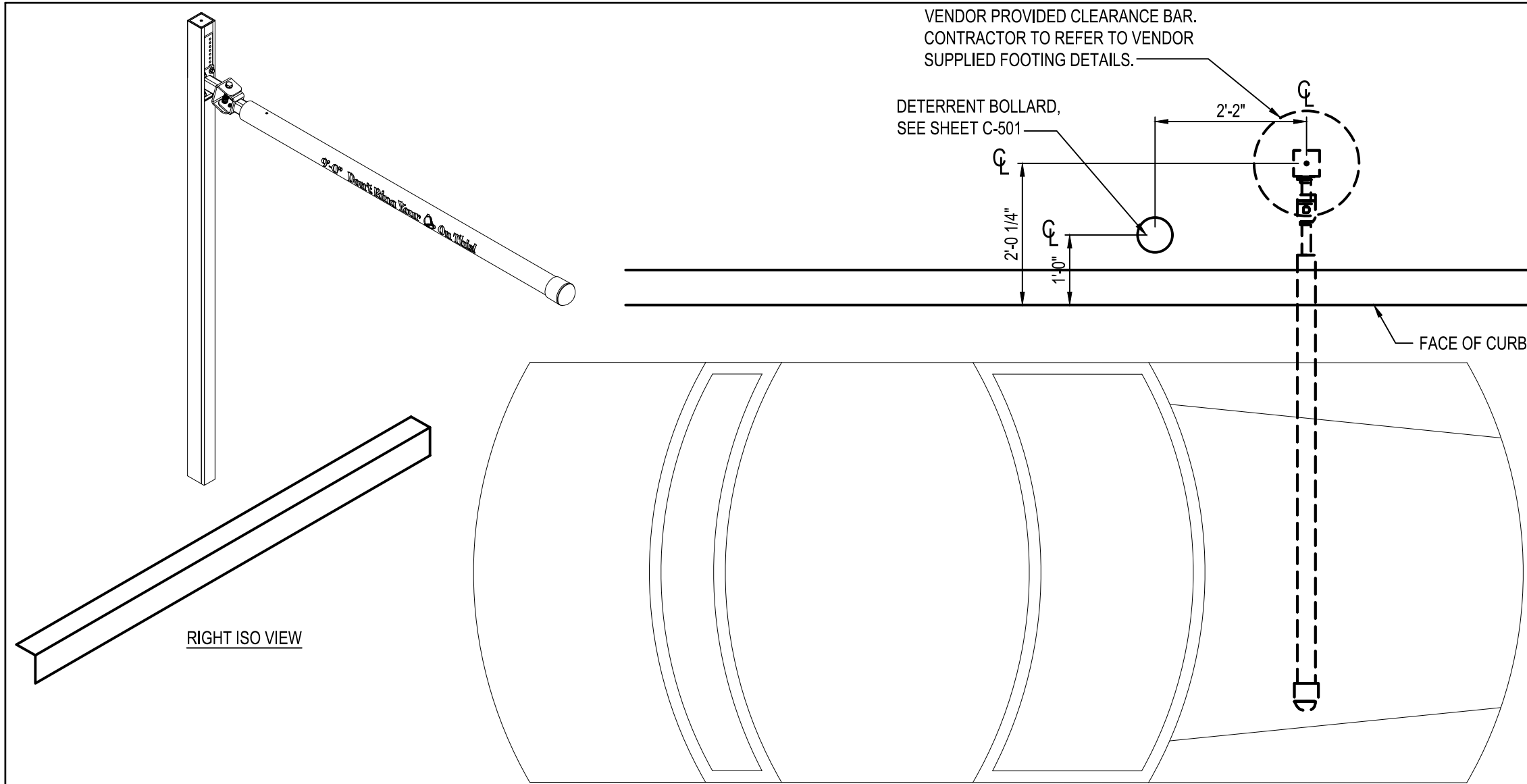
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DETAILS

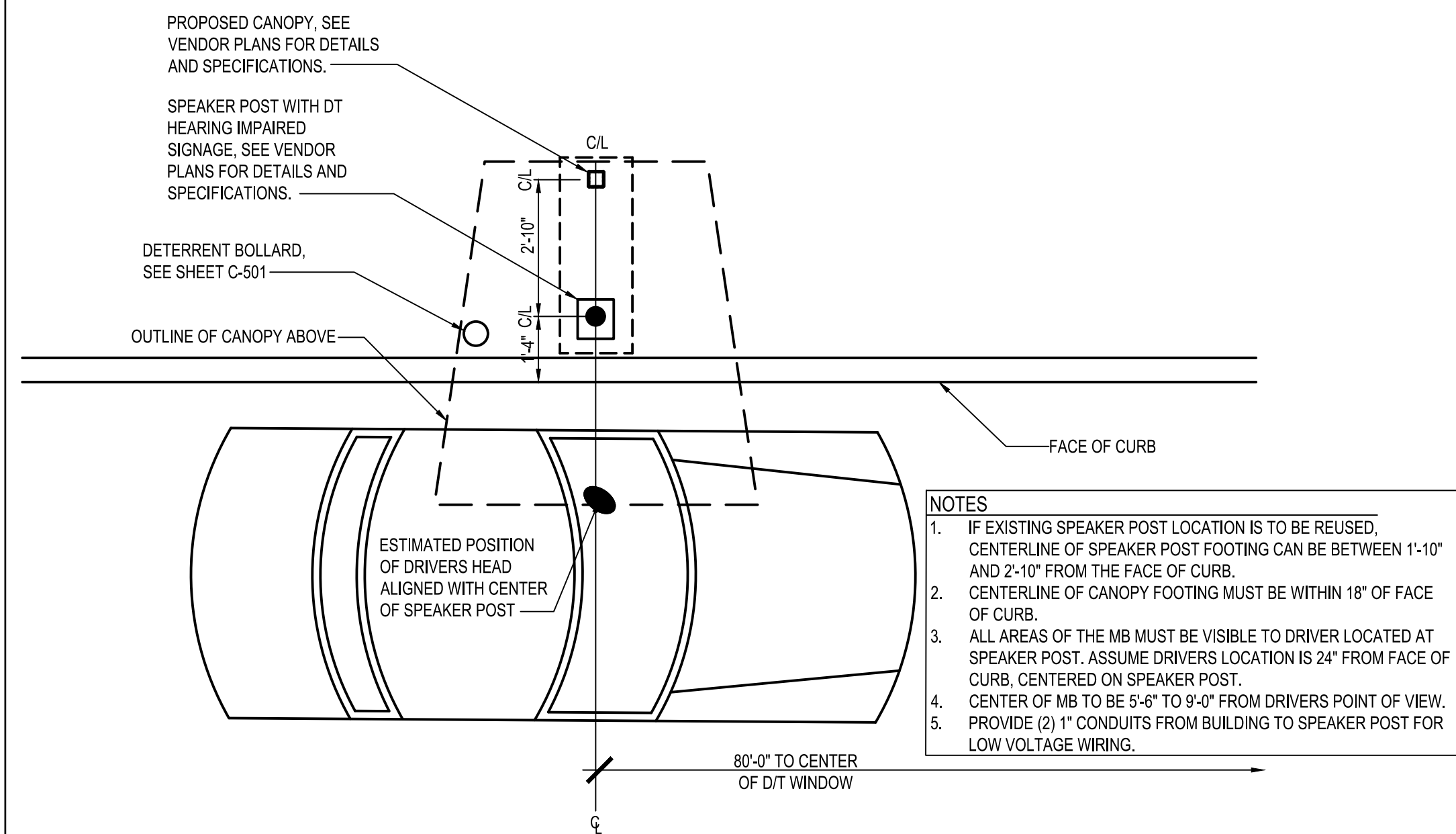
**C-502**

PLOT DATE:

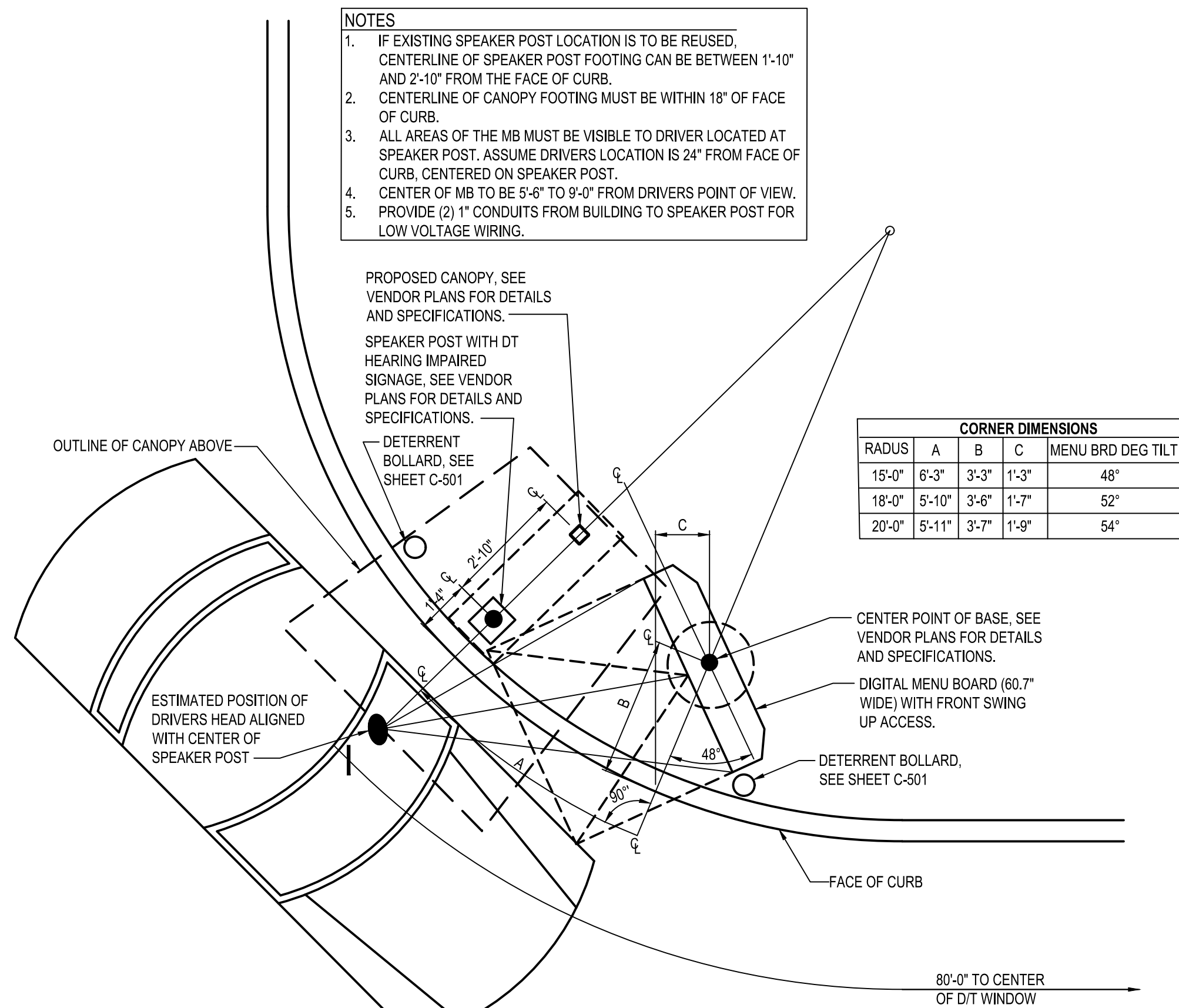




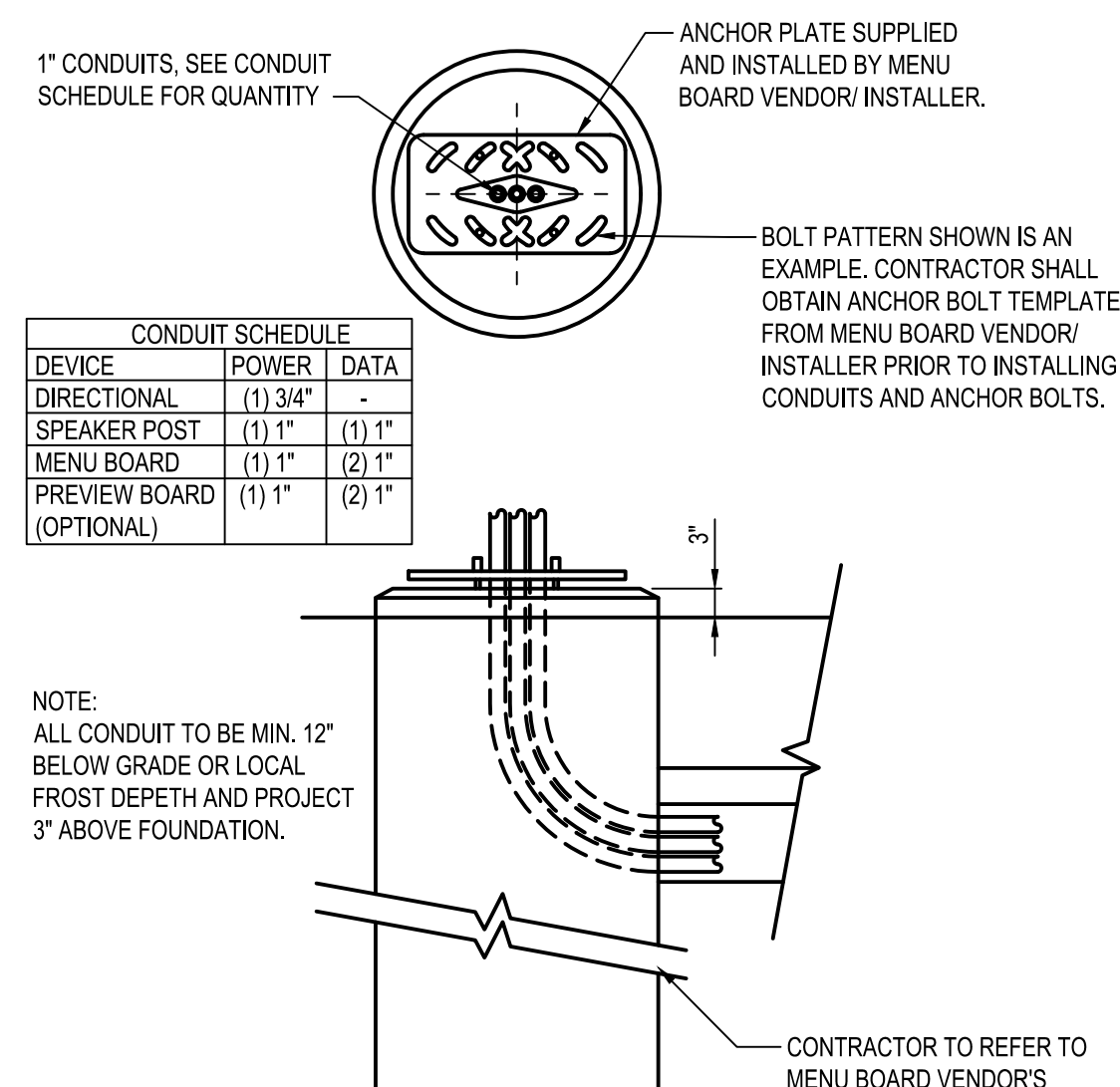
C1 PORTAL PLACEMENT DETAIL  
N.T.S.



A1 ENLARGED SPEAKER POST AND  
DETAIL @ STRAIGHT CURB  
N.T.S.



A3 ENLARGED MENU BOARD, SPEAKER POST AND  
AND CANOPY DETAIL @ CURVED CURB  
N.T.S.



A4 FOUNDATION CONDUIT DETAIL  
N.T.S.

DATE	REMARKS

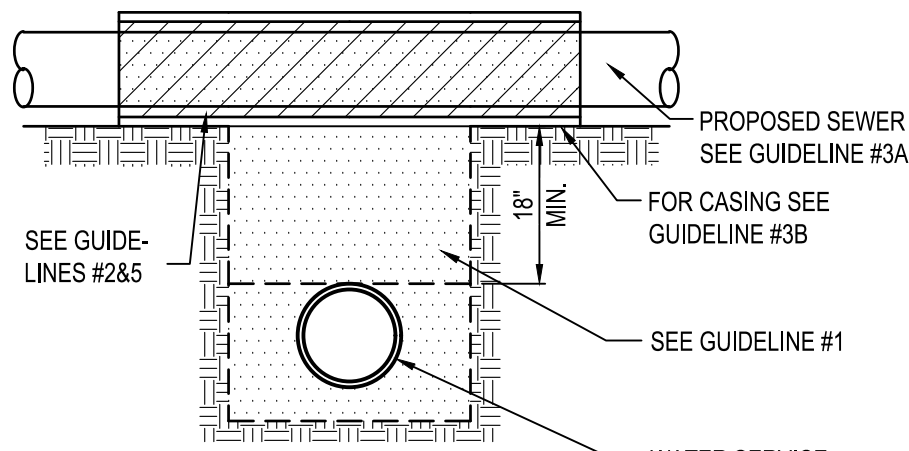
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ENDEAVOR 2.0

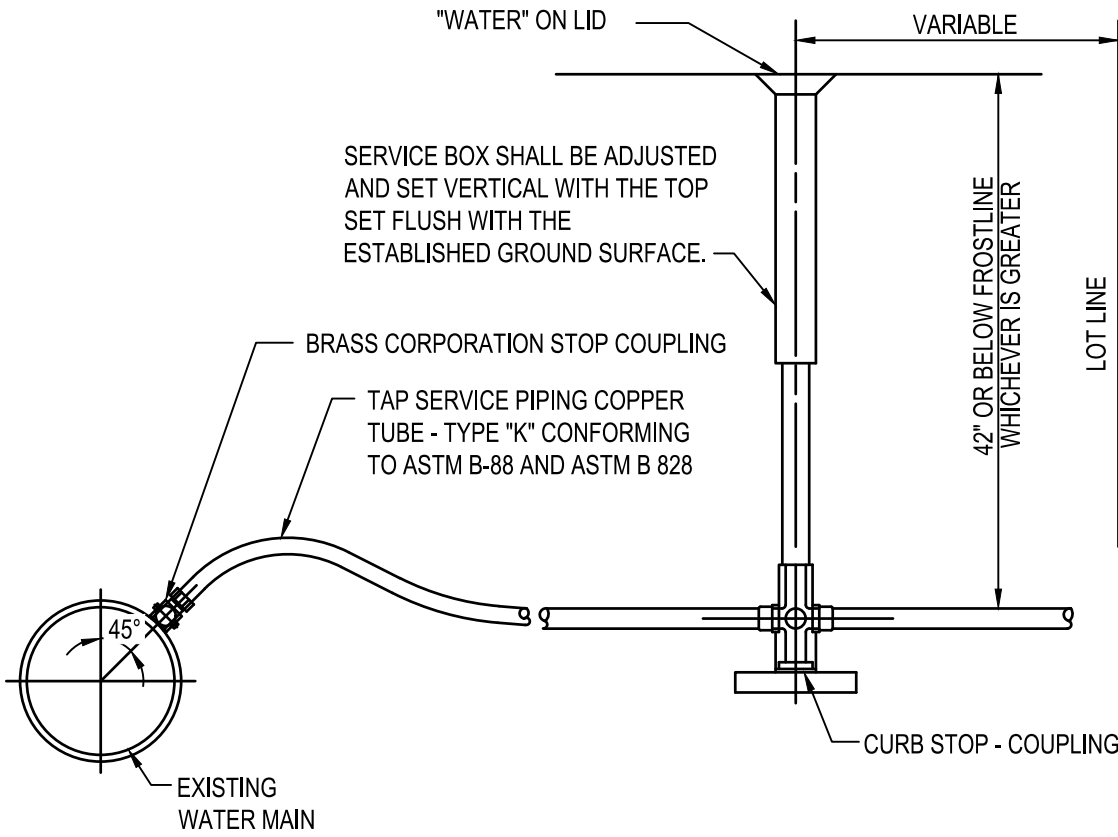
DETAILS  
**C-503**  
PLOT DATE:



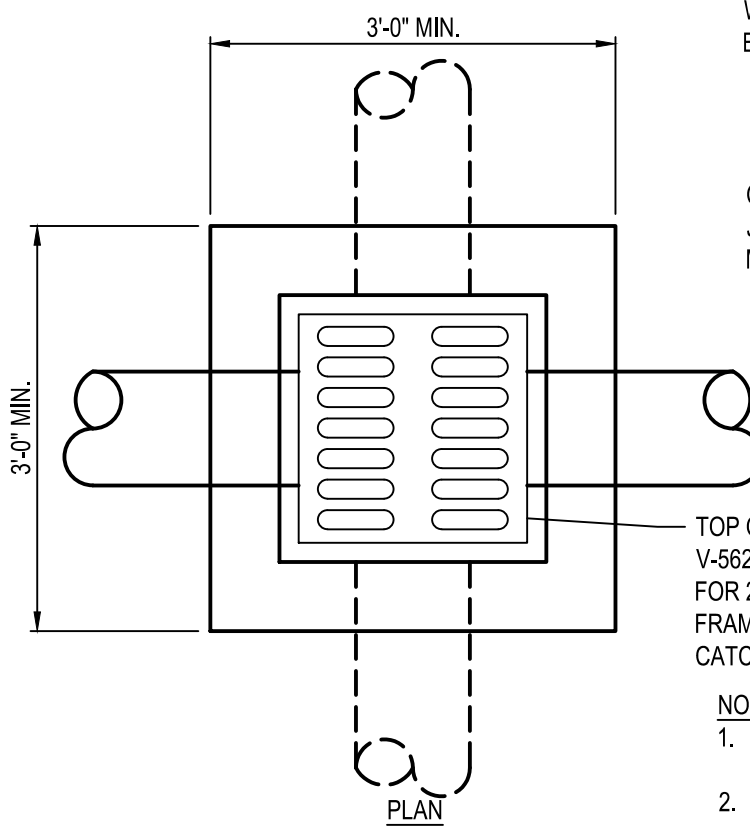


- NOTES:  
PROPOSED WATER SERVICE BELOW PROPOSED SEWER LINE WITH 18" MINIMUM SEPARATION.  
GRANULAR MATERIAL TO BE COMPACTED TO 75% OF RELATIVE DENSITY.  
GUIDELINES:
1. IF SELECT GRANULAR BACKFILL EXISTS; REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL AND COMPACT.
  2. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL AND COMPACT FOR 10 FEET ON EITHER SIDE OF WATER MAIN
  3. A. CONSTRUCT 10 FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR, B. USE 10 FEET OF CASING FOR PROPOSED SEWER AND SEAL ENDS OF CASING.
  4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN.
  5. PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

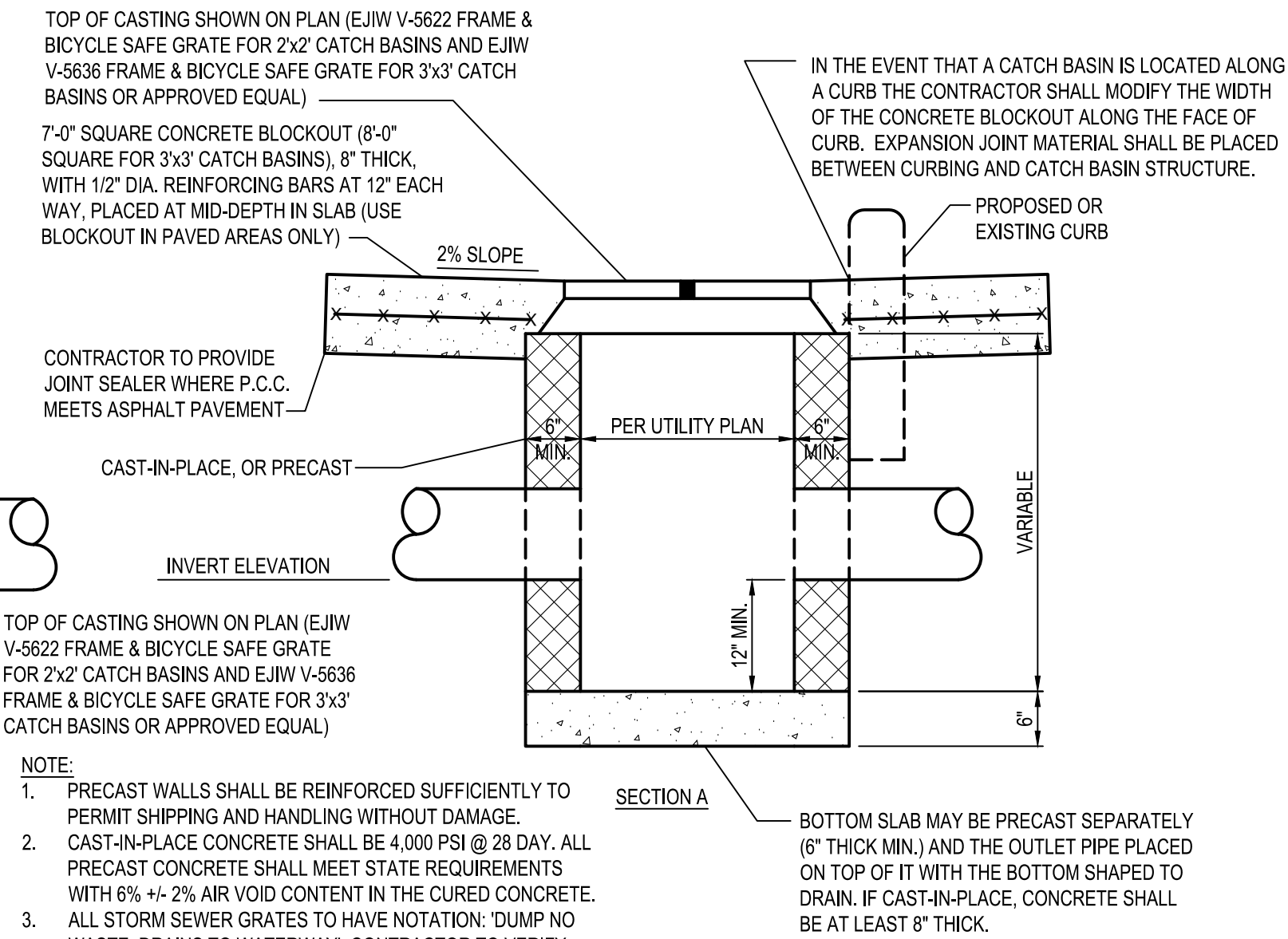
C1 WATER & SEWER TRENCH SEPARATOR  
N.T.S.



C2 WATER SERVICE TAP  
N.T.S.



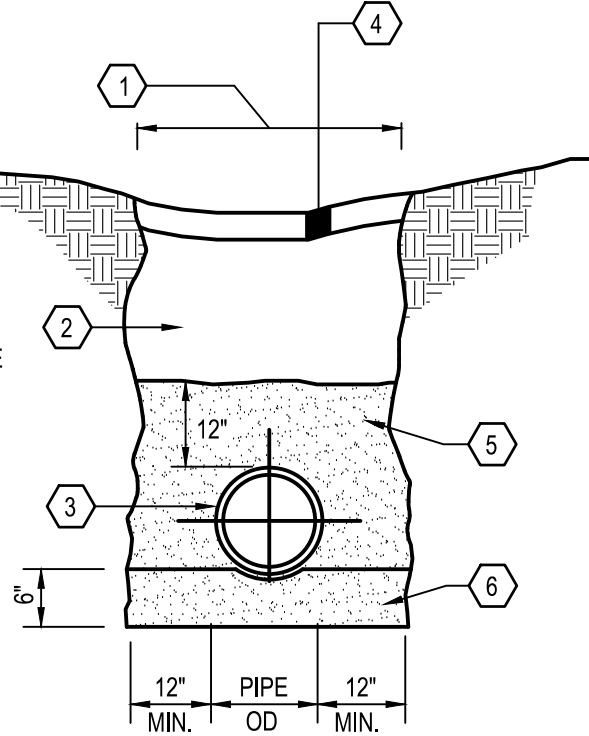
- NOTE:
1. PRECAST WALLS SHALL BE REINFORCED SUFFICIENTLY TO PERMIT SHIPPING AND HANDLING WITHOUT DAMAGE.
  2. CAST-IN-PLACE CONCRETE SHALL BE 4,000 PSI @ 28 DAY. ALL PRECAST CONCRETE SHALL MEET STATE REQUIREMENTS WITH 6% +/- 2% AIR VOID CONTENT IN THE CURED CONCRETE.
  3. ALL STORM SEWER GRATES TO HAVE NOTATION: DUMP NO WASTE, DRAINS TO WATERWAY. CONTRACTOR TO VERIFY WITH LOCAL JURISDICTION EXACT WORDING.



C3 CATCH BASIN  
N.T.S.

KEYED NOTES

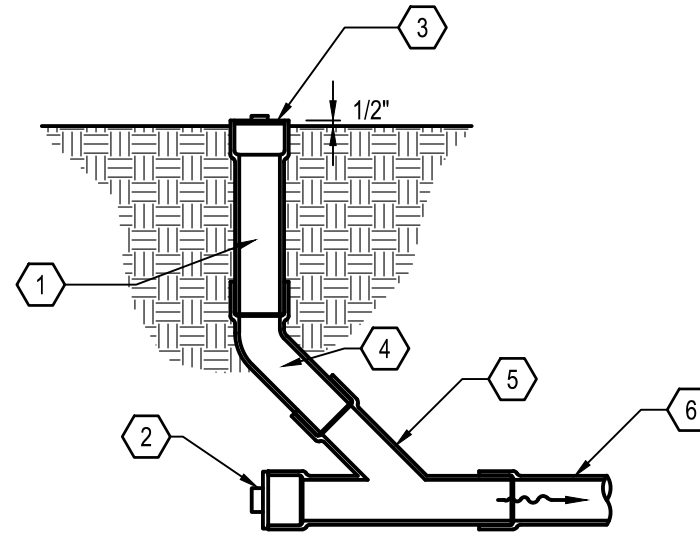
- 1 EXCAVATE WIDTH OF TRENCH AS NEEDED
- 2 PLACE SUITABLE SOIL OR GRANULAR BACKFILL IN 6" MAX. LIFTS. SUITABLE SOIL SHALL BE COMPACTED TO 90% MIN. (98% MIN. UNDER PAVEMENT) DRY DENSITY, PER ASTM D698. GRANULAR BACKFILL SHALL BE COMPACTED TO 75% (80% UNDER PAVEMENT) RELATIVE DENSITY, PER ASTM 4353. GRANULAR BACKFILL REQUIRED UNDER PAVEMENT.
- 3 PROPOSED STORM OR SANITARY SEWER
- 4 TOPSOIL, SEED, AND MULCHING OR PAVEMENT AS DETAILED ELSEWHERE.
- 5 NO. 57 OR NO. 67 AGGREGATE PLACED A MINIMUM OF 12" ABOVE THE TOP OF THE PIPE
- 6 NO. 57 OR NO. 67 AGGREGATE PLACED A MINIMUM OF 6" BELOW THE BOTTOM OF THE PIPE



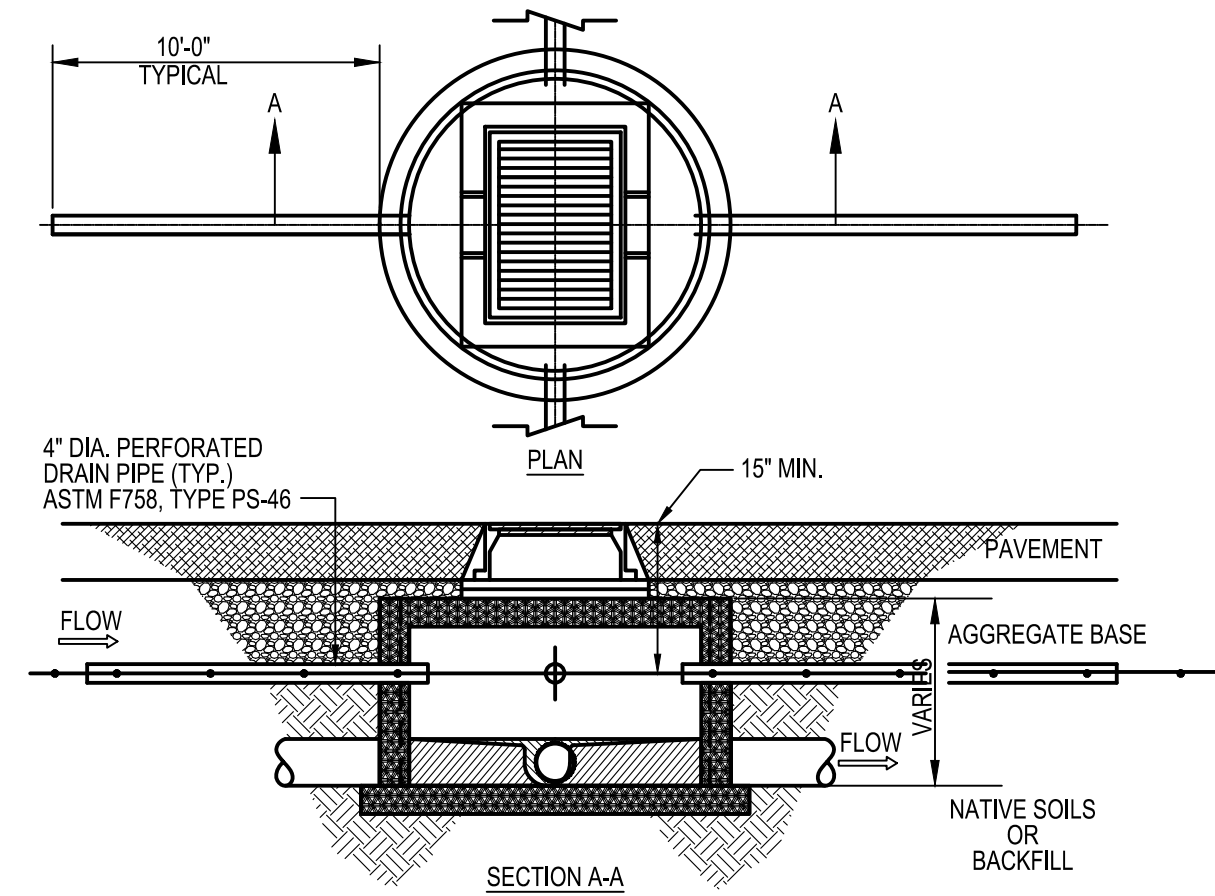
B2 SEWER TRENCH  
N.T.S.

KEYED NOTES

- 1 6" DIA. CLEAN-OUT PIPE
- 2 CAP AND SEAL CONDUIT
- 3 THREADED CLEAN-OUT CAP
- 4 45° BEND
- 5 WYE
- 6 SEWER



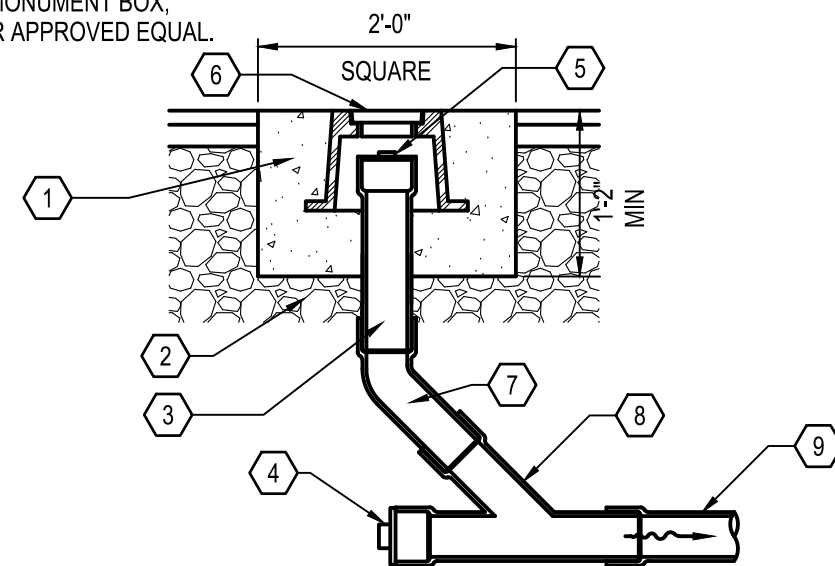
B3 CLEAN OUT (LAWN AREA)  
N.T.S.



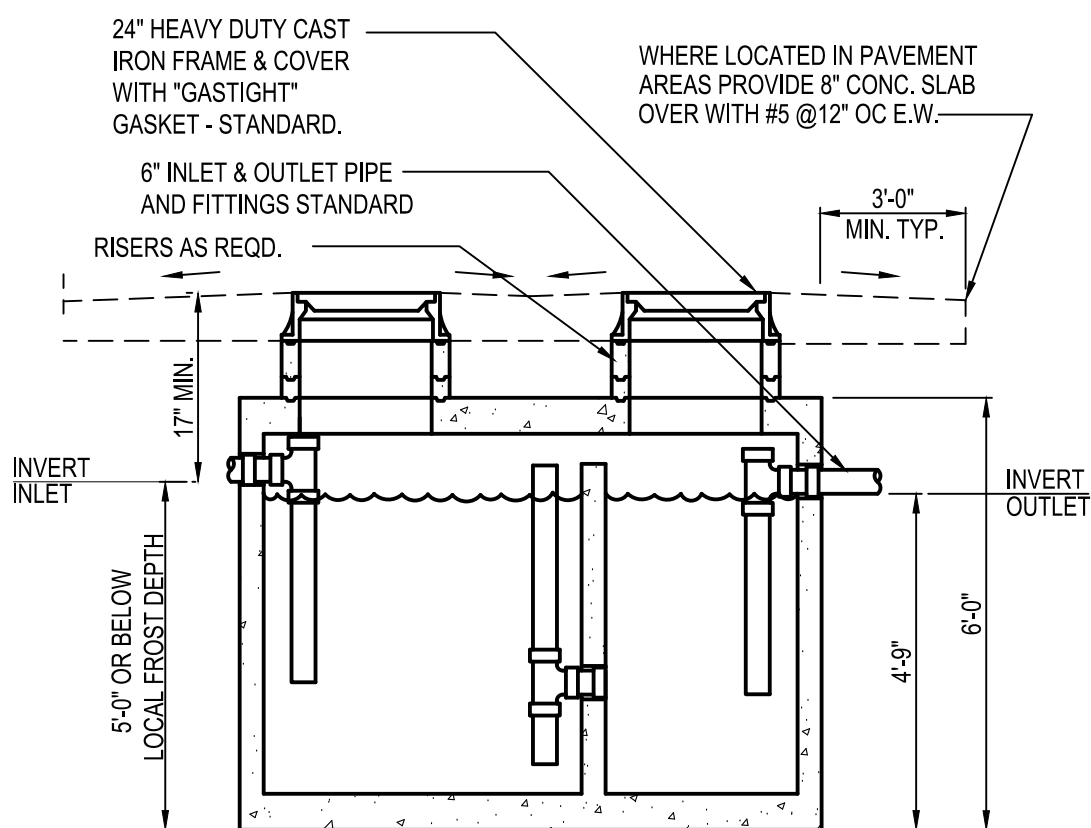
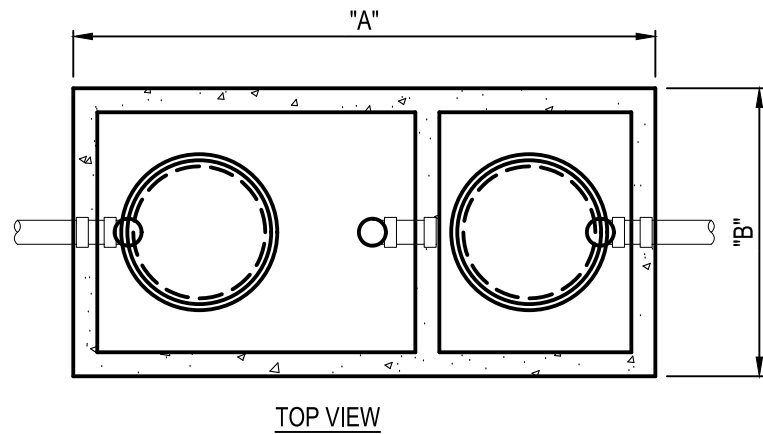
B4 FINGER DRAIN DETAIL  
N.T.S.

KEYED NOTES

- 1 CONCRETE, MATCH PAVEMENT SPEC.
- 2 6" (MIN.) AGGREGATE BASE
- 3 6" DIA. CLEAN-OUT PIPE
- 4 CAP AND SEAL CONDUIT
- 5 THREADED CLEAN-OUT CAP
- 6 CAST-IRON MONUMENT BOX, EJIW 1565 OR APPROVED EQUAL.
- 7 45° BEND
- 8 WYE
- 9 SEWER



A4 CLEAN OUT (PAVEMENT AREA)  
N.T.S.



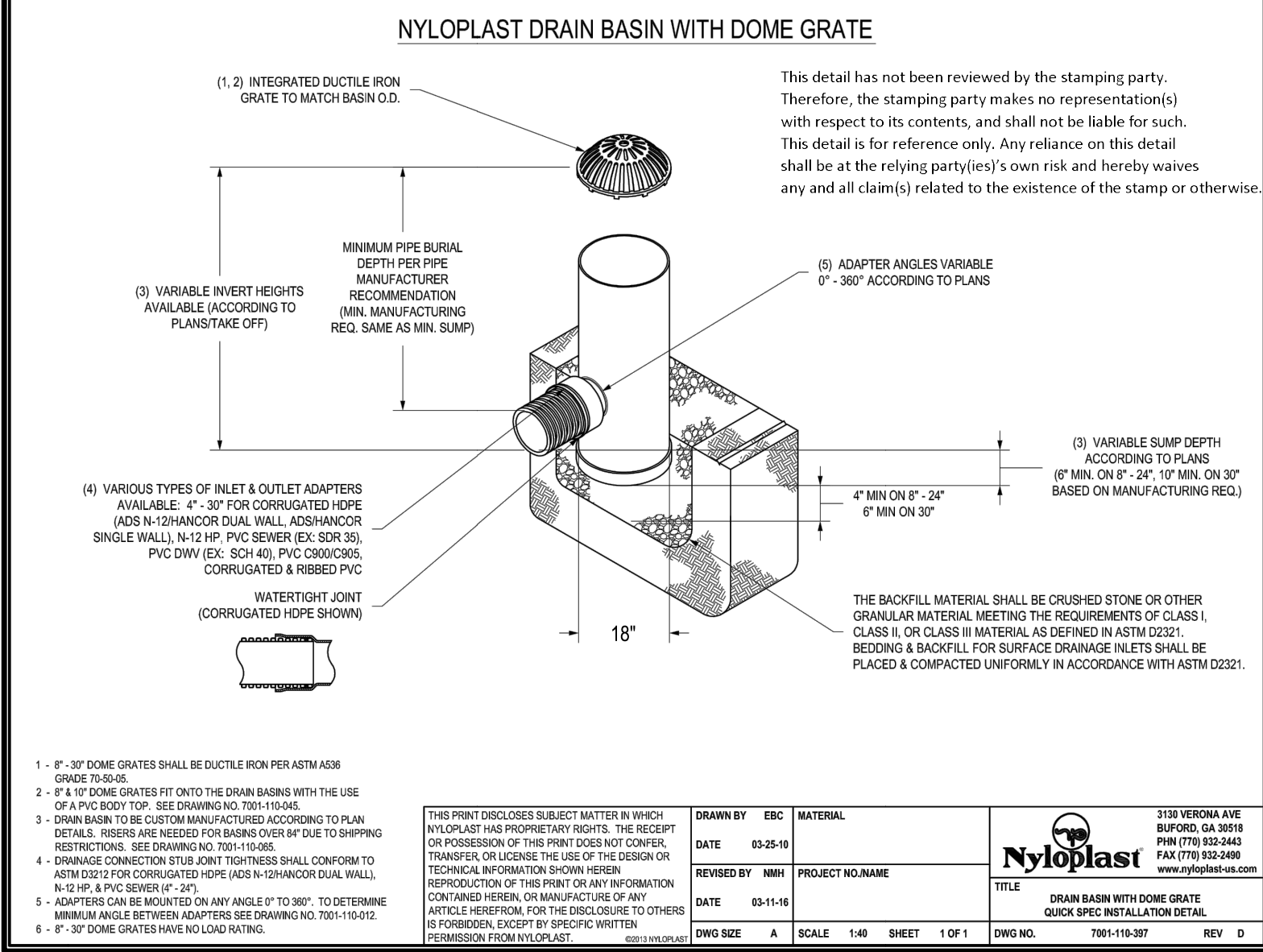
SECTION

G.T. SIZE	DIM. "A"	DIM. "B"
500 GALLON	6'-2"	4'-2"
750 GALLON	8'-1"	4'-0"
1000 GALLON	8'-2"	5'-1"
1250 GALLON	8'-6"	5'-9"
1500 GALLON	*	*

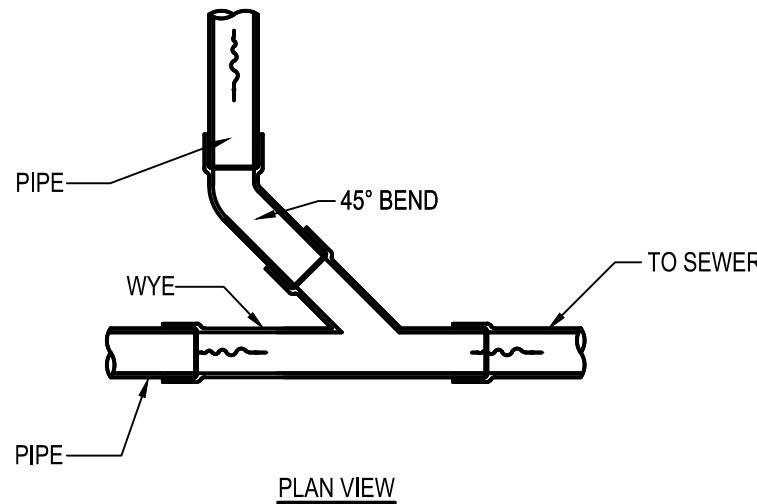
\* PER MANUFACTURER SPECIFICATIONS.

GC SHALL INSTALL GREASE INTERCEPTOR, (G.I.) AS APPROVED BY LOCAL WASTEWATER JURISDICTION. INSTALLATION SHALL INCLUDE VENT, SAMPLING PORT/ MANHOLE, REINF. CONCRETE TRAFFIC LID, ETC. AS REQUIRED PER WASTEWATER DEPARTMENT STANDARDS. G.I. SHALL BE DESIGNED FOR H20 VEHICLE LOADS.

A1 EXTERIOR GREASE INTERCEPTOR  
N.T.S.



A2 18" NYLOPLAST YARD DRAIN  
N.T.S.



A3 WYE CONNECTION  
N.T.S.

DATE	REMARKS

CONTRACT DATE: 02.01.21  
BUILDING TYPE: END20  
PLAN VERSION: MARCH 2020  
BRAND DESIGNER:  
SITE NUMBER: 294252  
STORE NUMBER: 2679  
PA/PM: JW  
DRAWN BY.: TW  
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.  
FRANKLIN, IN 46131



ENDEAVOR 2.0

DETAILS

C-504

PLOT DATE:



LANDSCAPE NOTES & PLANTING SPECIFICATIONS

SCOPE OF WORK

- THIS WORK SHALL CONSIST OF PERFORMING CLEARING AND GRUBBING, SOIL PREPARATION, FINISH GRADING, PLANTING AND DRAINAGE, INCLUDING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT.
- QUANTITY TAKEOFF IS SUPPLIED FOR CONTRACTOR'S ASSISTANCE ONLY. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL PLANT MATERIALS AS PER PLAN.
- NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR WITHIN EASEMENT OR RIGHT-OF-WAY LIMITS.

PRESERVATION/PROTECTION (IF APPLICABLE)

- CONTRACTOR SHALL MAINTAIN AND PRESERVE TREES AND SHRUBS NOT BEING REMOVED, INCLUDING THEIR ROOTS. TREE PROTECTION FENCING SHALL BE USED AT THE DRIP LINE OF ALL TREES AND SHRUBS WITHIN 50 FEET OF CONSTRUCTION EXCEPT AS SHOWN ON PLAN. FENCING SHALL REMAIN IN PLACE UNTIL FINAL PLANT INSPECTION FOLLOWING CONSTRUCTION. MATERIALS SHALL NOT BE STOCKPILED WITHIN THIS DEFINED AREA AND VEHICLES AND OTHER EQUIPMENT SHALL BE OPERATED TO AVOID SOIL COMPACTION.
- FEEDER ROOTS SHOULD NOT BE CUT IN AN AREA EQUAL TO TWICE THE TREE CIRCUMFERENCE (MEASURED 6" ABOVE THE GROUND LINE IN INCHES) EXPRESSED IN FEET. (EXAMPLE: A CIRCUMFERENCE OF 10" WOULD HAVE A NO CUT ZONE OF 20 FEET IN ALL DIRECTIONS FROM THE TREE). THIS SHOULD APPLY TO UTILITY SERVICES, IF FEASIBLE, THE ONLY EXCEPTION TO THIS REQUIREMENT WILL BE THOSE SPECIFICALLY ALLOWED BY THE LANDSCAPE ARCHITECT, SPECIFICATIONS OR AS INDICATION ON THE PLANS.
- TREE TRUNKS AND EXPOSED ROOTS DAMAGED DURING EQUIPMENT OPERATIONS SHALL BE TREATED IN ACCORDANCE WITH THE ARBOR CULTURAL STANDARDS OF THE CITY.

PLANT MATERIALS

- GENERAL - ALL MATERIALS SHALL BE OF ITS KIND AVAILABLE AND SHALL HAVE BEEN GROWN IN A CLIMATE SIMILAR TO THAT ON SITE.
- PLANTS - ALL PLANTS SHALL BE HEALTHY, OF NORMAL GROWTH, WELL ROOTED, FREE FROM DISEASE AND INSECTS. QUALITY AND SIZE OF PLANT MATERIAL SHALL CONFORM TO ANSI Z60.1 "AMERICAN STANDARDS FOR NURSERY STOCK".
- VARIETIES AND SIZES OF PLANTS SHALL BE AS SHOWN ON DRAWINGS.
- PLANTS SHALL BE IN A HEALTHY, VIGOROUS CONDITION, FREE OF DEAD OR BROKEN BRANCHES, SCARS THAT ARE NOT COMPLETELY HEALED, FROST CRACKS, DISFIGURING KNOTS, BROKEN OR ABRADED BARK, REDUNDANT LEADERS OR BRANCHES, OR ABERRATIONS OF ANY KIND. PLANTS SHALL NOT HAVE MULTIPLE LEADERS, UNLESS THIS IS THE NATURAL FORM.
- BALLED AND BURLAPPED (B&B) PLANTS SHALL BE DUG WITH A FIRM ROOT BALL OF NATURAL EARTH, OF A SIZE IN PROPORTION TO THE PLANT'S SIZE, AS MEASURED BY CALIPER, HEIGHT, OR SPREAD. BALLED AND BURLAPPED PLANTS SHALL BE HANDLED ONLY BY THE ROOT BALL, NOT BY THE TRUNK OR BRANCHES, AS THIS MAY BREAK OR LOOSEN THE ROOT BALL AND DAMAGE THE ROOT SYSTEM. CONTAINER PLANTS SHALL HAVE BEEN ESTABLISHED FOR A MINIMUM OF ONE FULL GROWING SEASON IN THEIR CONTAINERS BEFORE INSTALLATION. CONTAINER PLANTS SHALL BE HANDLED ONLY BY THE CONTAINER, NOT BY THE STEMS OR BRANCHES, AS THIS MAY PULL THE PLANT OUT OF THE CONTAINER AND BREAK OR LOOSEN THE ROOT BALL AND DAMAGE THE ROOT SYSTEM.
- PLANTS SHALL BE PROTECTED FROM DRYING OUT DURING SHIPPING WITH TARPAILINS OR OTHER COVERINGS. PLANTS SHALL BE PROTECTED FROM DRYING OUT AFTER DELIVERY BY PLANTING IMMEDIATELY; IF THIS IS NOT POSSIBLE, THE ROOT BALL SHALL BE COVERED WITH PEAT MOSS OR EARTH, AND WATERED FREQUENTLY TO KEEP IT MOIST UNTIL PLANTING.
- DO NOT HANDLE, MOVE, BIND, TIE OR OTHERWISE TREAT PLANTS SO AS TO DAMAGE THE ROOT BALL, ROOTS, TRUNK, OR BRANCHES IN ANY WAY.

TOPSOIL

- TOPSOIL HAS BEEN (OR WILL BE) STOCKPILED FOR REUSE IN LANDSCAPE WORK. IF QUANTITY OF STOCKPILED TOPSOIL IS INSUFFICIENT, PROVIDE ADDITIONAL TOPSOIL AS REQUIRED TO COMPLETE LANDSCAPE WORK. IMPORTED TOPSOIL SHALL CONSIST OF LOOSE, FRIABLE, LOAMY TOPSOIL WITHOUT ADMXTURE OF SUBSOIL OR REFUSE. ACCEPTABLE TOPSOIL SHALL CONTAIN NOT LESS THAN 3 PERCENT NOR MORE THAN 20 PERCENT ORGANIC MATTER.
- PLANTING BACKFILL FOR PARKING LOT ISLANDS SHALL CONSIST OF A HOMOGENEOUS MIXTURE OF 3 PARTS TOPSOIL TO ONE PART SPHAGNUM PEAT INSTALLED OVER A 6" THICKNESS OF NO. 57 AGGREGATE.

SOIL CONDITIONING

- OBTAIN LABORATORY ANALYSIS OF STOCKPILED AND IMPORTED TOPSOIL. COMPLETE WITH RECOMMENDATIONS FOR SOIL AMENDMENT.
- BEFORE MIXING, CLEAN TOPSOIL OF ROOTS, PLANTS, SOD, STONES, CLAY LUMPS, AND OTHER EXTRANEOUS MATERIALS HARMFUL OR TOXIC TO PLANT GROWTH.
- MIX SPECIFIED SOIL AMENDMENTS AND FERTILIZERS WITH TOPSOIL AT RATES SPECIFIED BY THE LAB REPORT. DELAY MIXING OF FERTILIZER IF PLANTING WILL NOT FOLLOW PLACING OF PLANTING SOIL WITHIN A FEW DAYS.
- FOR PLANTING BEDS AND LAWNS, MIX PLANTING SOIL EITHER PRIOR TO PLANTING OR APPLY ON SURFACE OF TOPSOIL AND MIX THOROUGHLY BEFORE PLANTING. MIX LIME WITH DRY SOIL PRIOR TO MIXING OF FERTILIZER.
- PREVENT LIME FROM CONTACTING ROOTS OF ACID-LOVING PLANTS.
- APPLY PHOSPHORIC ACID FERTILIZER (OTHER THAN THAT CONSTITUTING A PORTION OF COMPLETE FERTILIZERS) DIRECTLY TO SUBGRADE BEFORE APPLYING PLANTING SOIL AND TILLING.

PLANTING SOIL

- PLANTING SOIL MIX SHALL BE CLEAR OF ALL STONES AND DEBRIS 1" OR LARGER, AND CONSIST OF THE FOLLOWING: 25% ORGANIC COMPOST, 75% ACCEPTABLE TOPSOIL.
- PLANTING SOIL FOR PROPOSED PLANTER BOXES, SEE ARCHITECTURAL SHEETS, SHALL BE FILLED WITH PRO-MIX BX PLANTING MEDIUM, OR APPROVED OTHER, MIXED WITH 2" OF ORGANIC COMPOST.

OTHER MATERIALS

- BED EDGING - EDGING SHALL BE 4" STEEL EDGING WITH THREE (3) METAL ANCHOR STAKES PER 20 FOOT SECTION. ALL MASS PLANTING BEDS SHALL HAVE EDGING PLACED BETWEEN MULCH AREA AND ANY ADJACENT TURF AREA.
- MULCH: ORGANIC MULCH FREE FROM DELETERIOUS MATERIALS AND SUITABLE FOR TOP DRESSING OF TREES, SHRUBS, OR PLANTS AND CONSISTING OF THE FOLLOWING:
  - RIVER ROCK MULCH AREA: AGGREGATE MULCH, 3/4"-2" IN SIZE, WASHED AND ROUNDED, SHALL BE INSTALLED WITHIN THE RIVER ROCK MULCH AREA PER THE PLAN. RIVER ROCK MULCH SHALL BE INSTALLED AT 3" INCHES DEPTH.
  - NON-DRYED, DOUBLE SHREDDED HARDWOOD SHALL BE INSTALLED IN ALL OTHER LANDSCAPE BEDS OUTSIDE OF THE RIVER ROCK MULCH AREA AT A DEPTH OF 3 INCHES.
- WEED BARRIER - POLYETHYLENE FILTER FABRIC DESIGNED TO PERMIT WATER INFILTRATION WHILE PREVENTING WEED GROWTH-TO BE INSTALLED IN ALL PLANTING BEDS.

GENERAL WORK PROCEDURES

- LANDSCAPE WORK SHALL BE ACCORDING TO THE WORKMANLIKE STANDARDS ESTABLISHED FOR LANDSCAPE CONSTRUCTION AND PLANTING IN THE INDIANA STANDARDIZED LANDSCAPE SPECIFICATIONS (ASLA) AND ANY LOCAL LANDSCAPE ORDINANCES.
- CONTRACTOR SHALL OBTAIN A COPY OF LOCAL ORDINANCES REGARDING ACCEPTABLE PLANT AND PLANTING DETAILS AND ABIDE BY THOSE ORDINANCES AND DETAILS.
- ENGINEER RESERVES THE RIGHT TO REJECT ALL PLANT MATERIAL DEEMED NOT ACCEPTABLE.
- ANY PROPOSED PLANT SUBSTITUTIONS SHALL BE EQUIVALENT IN FORM, HABIT, STRUCTURE, BRANCHING AND LEAF TYPE AND MUST BE ISSUED TO THE LANDSCAPE ARCHITECT FOR APPROVAL, IN WRITING, PRIOR TO INSTALLATION.

WEEDING

- BEFORE AND DURING PRELIMINARY GRADING AND FINISH GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.

PLANTING

- POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE OWNER BEFORE EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
- PLANTING PITS SHALL BE AS PER DETAILS.
- PREPARED SOIL SHALL BE TAMPED FIRMLY AT BOTTOM OF PIT, FILL WITH PLANTING SOIL AROUND BALL OF PLANT. COMPLETE BACKFILLING AND WATER THOROUGHLY.
- EACH TREE AND SHRUB SHALL RECEIVE THE LANDSCAPER'S BIONUTRITION (3-0-3) GRANULAR WITH MYCORRHIZAL TECHNOLOGY FERTILIZER OR APPROVED OTHER, APPLY FERTILIZER PER MANUFACTURER'S SPECIFICATIONS.
- WATER IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED.
- INSTALL BED EDGING AND MULCH PER MATERIALS SPECIFICATION AND DETAILS.
- REMOVE ALL SALES TAGS, STRINGS, STRAPS, WIRE, ROPE OR OTHER MATERIALS THAT MAY INHIBIT PLANT GROWTH BOTH ABOVE AND BELOW THE SURFACE OF THE SOIL.
- REMOVE ANY BROKEN, SUCKERING, DISEASED, CRISSCROSSED OR AESTHETICALLY DISPLEASING BRANCHES BACK TO LIVE LEADER OR SIDE LATERAL WITH A FLUSH CUT.

FINISH GRADING

- ALL AREAS WILL BE GRADED BY THE CONTRACTOR TO SUBSTANTIALLY PLUS/MINUS 0.1 FOOT OF FINISH GRADE.
- ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN, UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE. SOIL AREAS ADJACENT TO THE BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS.
- ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER.
- PARKING LOT ISLAND SHALL BE BACKFILLED AS PART OF THIS CONTRACT.

GROUND COVER

- SPACING AND VARIETY OF GROUND COVER SHALL BE AS SHOWN ON DRAWINGS.
- MULCH GROUND COVER WITH 2" THICKNESS OF SPHAGNUM PEAT.
- IMMEDIATELY AFTER PLANTING GROUND COVER, CONTRACTOR SHALL THOROUGHLY WATER GROUND COVER.
- ALL GROUND COVER AREAS SHALL BE TREATED WITH A PRE-EMERGENT BEFORE FINAL LANDSCAPE INSPECTION. GROUND COVER AREAS SHALL BE WEDED PRIOR TO APPLYING PRE-EMERGENT. PRE-EMERGENT TO BE APPLIED AS PER MANUFACTURER'S RECOMMENDATION.

GUARANTEE

- CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF PROJECT ACCEPTANCE BY THE OWNER.

CLEANUP

- UPON THE COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. AN 'ACCEPTABLE CONDITION' SHALL BE AS DEFINED AND APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

IRRIGATION

- CONTRACTOR SHALL PROVIDE & INSTALL AN IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE OF THE SITE. AREAS WITHIN 5 FEET OF BUILDING WALLS SHALL BE IRRIGATED BY DRIP IRRIGATION OR SIMILAR. CONTRACTOR SHALL ENSURE BUILDING WALLS AND WINDOWS WILL NOT BE DAMAGED OR STAINED BY IMPROPER IRRIGATION INSTALLATION OR POOR SELECTION OF FIXTURES. SYSTEM SHALL INCLUDE ALL APPURTENANCES & BE APPROVED BY OWNER.
- IRRIGATION CONTRACTOR SHALL PROVIDE A METHOD FOR WINTERIZATION. WINTERIZATION SHALL BE PERFORMED BY CONTRACTOR UPON COMPLETION IF SYSTEM IS INSTALLED BETWEEN NOVEMBER 1 AND MARCH 31.

MAINTENANCE

(MAINTENANCE PERIOD TO COMMENCE AFTER FINAL INSPECTION.)

- MAINTENANCE PERIOD FOR THIS CONTRACT SHALL BE 90 CALENDAR DAYS COMMENCING AFTER FINAL INSPECTION OF CONSTRUCTION.
- MAINTAIN TREES, SHRUBS AND OTHER PLANTS BY PRUNING, CULTIVATING AND WEEDING AS REQUIRED FOR HEALTHY GROWTH. RESTORE PLANTING SAUCERS, RESET TREES AND SHRUBS TO PROPER GRADES OR VERTICAL POSITION AS REQUIRED.
- MAINTAIN LAWNS BY WATERING, MOWING, TRIMMING, AND OTHER OPERATIONS SUCH AS ROLLING, REGRADING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.
- MAINTAIN THE LANDSCAPING BY KEEPING ALL PLANTS DISEASE-FREE AND PLANTING BEDS GROOMED, EXCEPT IN NATURALLY OCCURRING VEGETATION AREAS.
- REPLACE ANY REQUIRED PLANTING(S), WHICH SEVERELY DECLINE OR DIE AFTER THE DATE OF PLANTING. SUCH REPLACEMENT SHALL OCCUR DURING THE NEXT APPROPRIATE PLANTING SEASON.

SODDING

- SOD SHALL BE FIRST GRADE CERTIFIED BLENDS OF THE FOLLOWING SPECIES PER HARDINESS ZONE CONTAINING NOT MORE THAN 30 PERCENT OF OTHER GRASSES AND CLOVERS, AND FREE FROM ALL NOXIOUS WEEDS.

ZONES 3, 4 & 5: APPROVED BLUE GRASS BLEND

ZONE 6: APPROVED FESCUE BLEND

ZONES 7 & 8: APPROVED BERMUDA BLEND

ZONES 9 & 10: APPROVED ST AUGUSTINE FLORATAM BLEND
- SOD SHALL BE RECENTLY MOWED TO A HEIGHT OF NOT LESS THAN 3 INCHES. IT SHALL BE CUT INTO STRIPS OF NOT LESS THAN 3 FEET AND NOT OVER 6 FT. WITH A UNIFORM WIDTH OF NOT OVER 24 INCHES.
- SOD SHALL BE CUT TO A DEPTH EQUAL TO THE GROWTH OF THE FIBROUS ROOTS BUT IN NO CASE LESS THAN 1 INCH.
- SOD SHALL BE DELIVERED TO THE JOB WITHIN 24 HOURS AFTER BEING CUT AND SHALL BE INSTALLED WITHIN 48 HOURS AFTER BEING CUT.
- BEFORE SOD IS PLACED, THE SOD BED WILL HAVE BEEN EXCAVATED TO SUCH A DEPTH THAT WHEN THE SOD IS IN PLACE THE TOP OF THE SOD WILL BE FLUSH WITH THE SURROUNDING GRADE.
- NO SOD SHALL BE PLACED WHEN THE TEMPERATURE IS BELOW 32 DEGREES F. NO FROZEN SOD SHALL BE PLACED NOR SHALL ANY SOD BE PLACED ON FROZEN SOIL. WHEN SOD IS PLACED BETWEEN THE DATES OF JUNE 1ST AND OCTOBER 15TH, IT SHALL BE COVERED IMMEDIATELY WITH A STRAW MULCH 1 INCH THICK (LOOSE MEASUREMENT).
- AFTER LAYING, THE SOD SHALL BE WATERED THOROUGHLY AND TAMPED WITH APPROVED SOD TAMPERS SUFFICIENTLY TO BRING THE SOD INTO CLOSE CONTACT WITH THE SOD BED AND INSURE TIGHT JOINTS BETWEEN THE SECTIONS OR STRIPS.
- THE CONTRACTOR SHALL KEEP ALL SODDED AREAS INCLUDING SUBGRADE, THOROUGHLY MOIST FOR 30 DAYS AFTER SODDING.
- THE CONTRACTOR SHALL REPAIR ANY AREAS DAMAGED FOLLOWING INSTALLATION AS DIRECTED BY THE ENGINEER. SOD SHALL BE IN PLACE AT LEAST 30 DAYS BEFORE FINAL ACCEPTANCE.

SEEDING

- GRASS SEED SHALL BE FRESH, CLEAN, DRY, NEW-CROP SEED COMPLYING WITH THE ASSOCIATION OF OFFICIAL SEED ANALYSTS' "RULES FOR TESTING SEEDS" FOR PURITY AND GERMINATION TOLERANCES.
- ALL AREAS TO BE SEEDED SHALL RECEIVE NO LESS THAN FIVE POUNDS OF SEED PER ONE THOUSAND SQUARE FEET. APPLY SEED AND PROTECT WITH STRAW MULCH AS REQUIRED FOR NEW LAWNS. GRASS SEED MIX SHALL CONSIST OF THE FOLLOWING:

PROPORTION	NAME	MIN. % GERM.	PURE SEED	MAX. % WEED SEED
30%	KENTUCKY BLUEGRASS (POA PRATENSIS)	80	85	0.50
30%	CREEPING RED FESCUE (FESTUCA RUBRA)	85	98	0.50
20%	PERENNIAL RYE GRASS (LOLIUM PERENNE)	90	98	0.50
20%	ANNUAL RYEGRASS (LOLIUM MULTIFLORUM)	85	92	1.00

PLANTING SCHEDULE

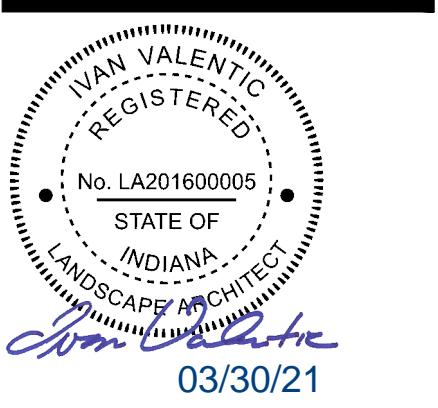
- ALL PLANTING IS RECOMMENDED TO BE DONE WITHIN THE FOLLOWING DATES. WHEN PLANTING OUTSIDE THESE DATES, WRITTEN DOCUMENTATION SHALL BE PROVIDED THAT SURVIVAL OR REPLACEMENT WILL BE ENSURED. NO PLANTING SHALL BE DONE IN FROZEN SOIL.

NORMAL PLANTING SEASONS	SPRING	FALL
ALL TREES AND SHRUBS	MARCH 15-MAY 15	OCTOBER 1-DECEMBER 1
EVERGREENS	APRIL 1-MAY 15	OCTOBER 1-NOVEMBER 15
GROUNDCOVERS	APRIL 1-JUNE 1	WHEN SOD IS WORKABLE
SEED AND MULCH	APRIL 1-MAY 15	OCTOBER 1-NOVEMBER 15



**GPD GROUP, INC.®**

520 South Main Street, Suite 2531  
Akron, OH 44311  
330.572.2100 Fax 330.572.2101



	DATE	REMARKS

CONTRACT DATE: 02.01.21  
BUILDING TYPE: END20  
PLAN VERSION: MARCH 2020  
BRAND DESIGNER:  
SITE NUMBER: 294252  
STORE NUMBER: 2679  
PA/PM: JW  
DRAWN BY.: TW  
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.  
FRANKLIN, IN 46131



ENDEAVOR 2.0

LANDSCAPE  
NOTES

L-001

PLOT DATE:



PLANT LIST

Symbol	Botanical Name	Common Name	Qty.	Min. Size	Condition	Remarks
Bx	Buxus x 'Green Gem'	Green Gem Boxwood	16	24" H	B&B	3' o/c
Ca	Carpinas caroliniana 'J.N. Globe'	Ball O' Fire American Hornbeam	2	2" Cal.	B&B	Single stem, limbed up
Hb	Hemerocallis 'Going Bananas'	Going Bananas Daylily	54	No. 1	Cont.	1.5' o/c
Fg	Festuca gluuca	Blue Fescue	19	No. 2	Cont.	Per Plan
Gt	Gleditsia triacanthos f. inermis 'Skyline'	Skyline Honeylocust	2	2.5" Cal.	B&B	Specimen
Jc	Juniperus chinensis 'Sea Green'	Sea Green Juniper	39	24" H	B&B	3.5' o/c
Pf	Potentilla fruticosa 'Goldfinger'	Goldfinger Potentilla	36	24" H, No. 3	Cont.	3' o/c
Pv	Prunus virginiana 'Canada Red'	Canada Red Chokecherry	2	1.5" Cal.	B&B	Matching
Ra	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	15	18" Sprd, No. 3	Cont.	4.5' o/c
Sj	Spiraea japonica 'Double Play' 'Candy Corn'	Double Play Candy Corn Spirea	30	No. 3	Cont.	2' o/c
Te	Thuja occidentalis 'Smaragd'	Emerald Arborvitae	18	5' H	B&B	4' o/c
Tr	Thuja occidentalis 'Rheingold'	Rheingold Arborvitae	8	24" H Min.	B&B	3' o/c
Uf	Ulmus x 'Frontier'	Frontier Elm	4	2.5" Cal.	B&B	Specimen
Yf	Yucca filamentosa 'Color Guard'	Color Guard Yucca	6	No. 5	Cont.	Per Plan

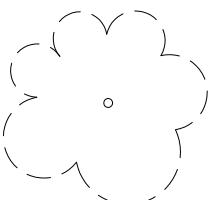
LANDSCAPE NOTES (#)


- PROPOSED PLANTERS (TYP. OF 2), SEE ARCHITECTURAL SHEETS. SEE SHEET L-001 FOR PLANTING SOIL SPECIFICATIONS. LANDSCAPE CONTRACTOR TO DISCUSS ANNUAL COLOR BED OPTIONS WITH THE OWNER/OPERATOR PRIOR TO INSTALLING.
- EXISTING MULCHED PLANTING BED SHALL REMAIN, BE RENOVATED WITH NEW MULCH ACCORDING TO SPECIFICATIONS ON SHEET L-001.


LANDSCAPE NOTES

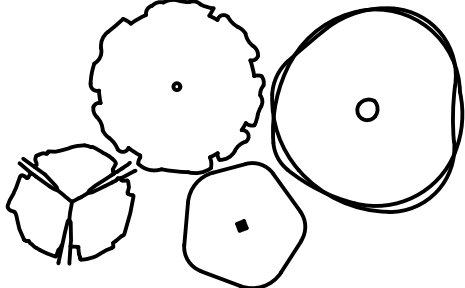
- ALL DISTURBED AREAS WITHIN THE ROW NOT TO BE PAVED SHALL BE SEEDED PER SPECIFICATIONS ON SHEET L-001.
- ALL DISTURBED AREAS NOT TO BE PAVED OR MULCHED SHALL BE SODDED PER SPECIFICATIONS ON SHEET L-001.


LANDSCAPE LEGEND


EXISTING TREE TO REMAIN


PROPOSED LANDSCAPE BED EDGE


LIMITS OF DISTURBANCE


PROPOSED TREE


PROPOSED SHRUB / PERENNIAL

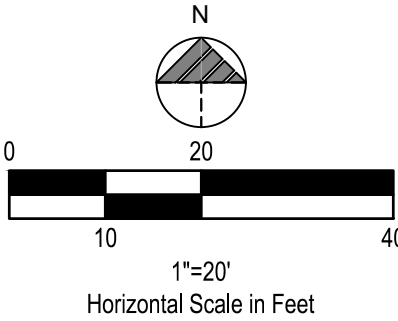
PROPOSED LIMESTONE BOULDER, DESERT SAND, 12"-36"

PROPOSED PLANT QUANTITY AND SYMBOL

PROPOSED LAWN AREA

PROPOSED RIVER ROCK MULCH AREA, SEE MULCH NOTES ON SHEET L-001

PROPOSED IMPERVIOUS SURFACE FOR VEHICULAR USE



LANDSCAPE CALCULATIONS

PARKING LOT PERIMETER CALCULATION: SOUTH			
220 LF	REQUIRED	PROVIDED	
TREES	2.75	3	
SHRUBS	2.75	29	

PARKING LOT PERIMETER CALCULATION: EAST			
145 LF	REQUIRED	PROVIDED	
TREES	1.8	2	
SHRUBS	1.8	13	

PARKING LOT PERIMETER CALCULATION: WEST			
35 LF	REQUIRED	PROVIDED	
TREES	.4	2 EXISTING	
SHRUBS	.4	12	

PARKING LOT INTERIOR CALCULATION:			
PAVED SURFACE: 16,882 SF	REQUIRED	PROVIDED	
LANDSCAPE ISLANDS (5%)	844 SF	3,084 SF	
TREES	2.8	4	

SITE INTERIOR TREE CALCULATION:			
TOTAL SITE: 33,603 SF	REQUIRED	PROVIDED	
25% = 8,400 SF	6 TREES	1 EXISTING 5 TREES	



UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON FIELD MARKINGS PROVIDED BY 1/13/2021 811 REQUEST CONFIRMATION NO.: 2101134995

BENCHMARKS:

STATE PLANE GRID NORTH, NAD 83 (2011), INDIANA EAST ZONE. ELEVATIONS ARE NAVD 88, GEOID 12B. TIED BY GNSS TO THE I.N.D.O.T. VRS.

BENCHMARK #1 - BOX CUT E-SIDE LIGHTPOLE BASE  
N 1546573, E 216072  
ELEVATION=752.05

BENCHMARK #2 - BOX CUT N-SIDE LIGHTPOLE BASE  
N 1546534, E 215831  
ELEVATION=751.11

BENCHMARK #3 - SE ANCHOR BOLT LIGHTPOLE BASE  
N 1546756, E 215806  
ELEVATION=750.40

**GPD GROUP, INC.®**

520 South Main Street, Suite 2531  
Akron, OH 44311  
330.572.2100 Fax 330.572.2101



DATE	REMARKS

CONTRACT DATE: 02.01.21  
BUILDING TYPE: END20  
PLAN VERSION: MARCH 2020  
BRAND DESIGNER:  
SITE NUMBER: 294252  
STORE NUMBER: 2679  
PA/PM: JW  
DRAWN BY.: TW  
JOB NO.: 2018088.31

TACO BELL

1579 N. MORTON ST.  
FRANKLIN, IN 46131



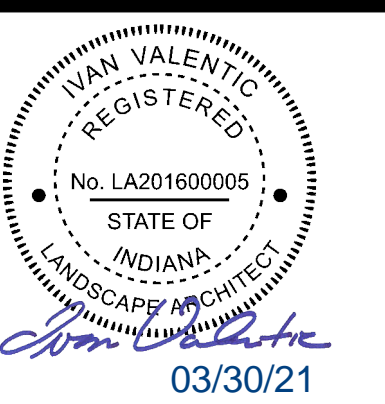
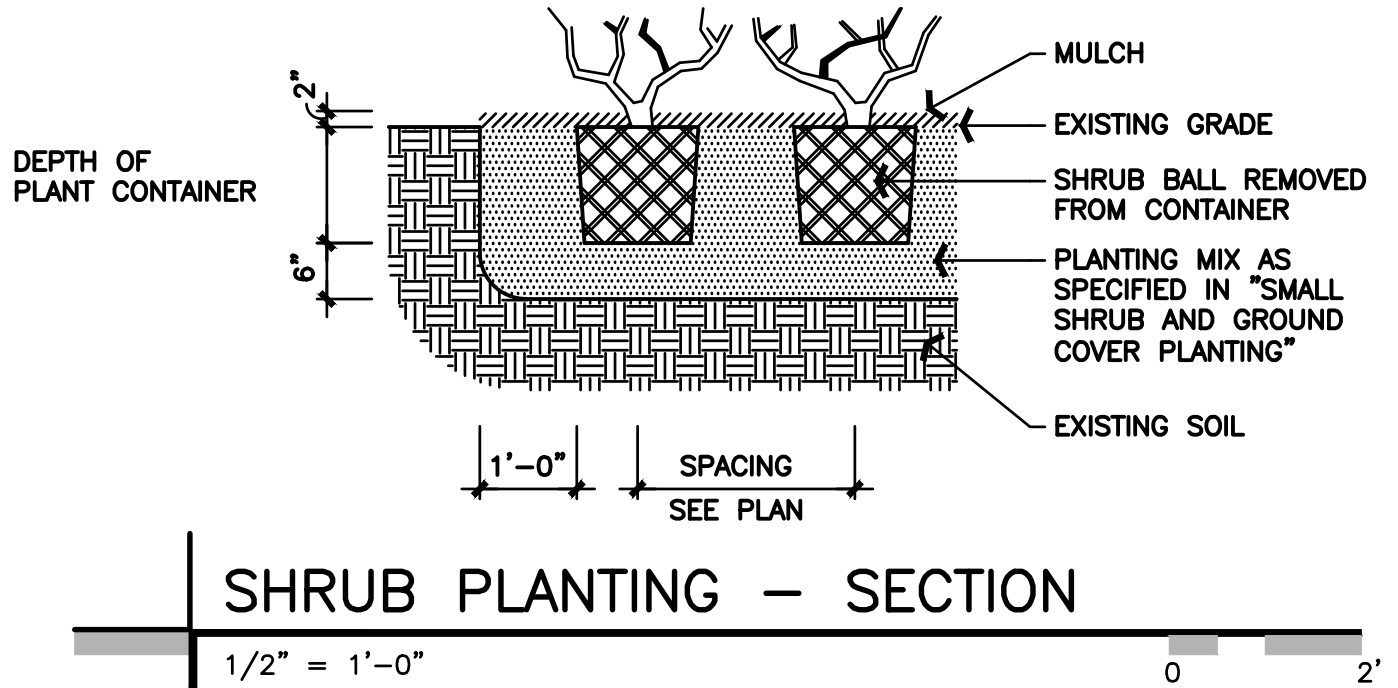
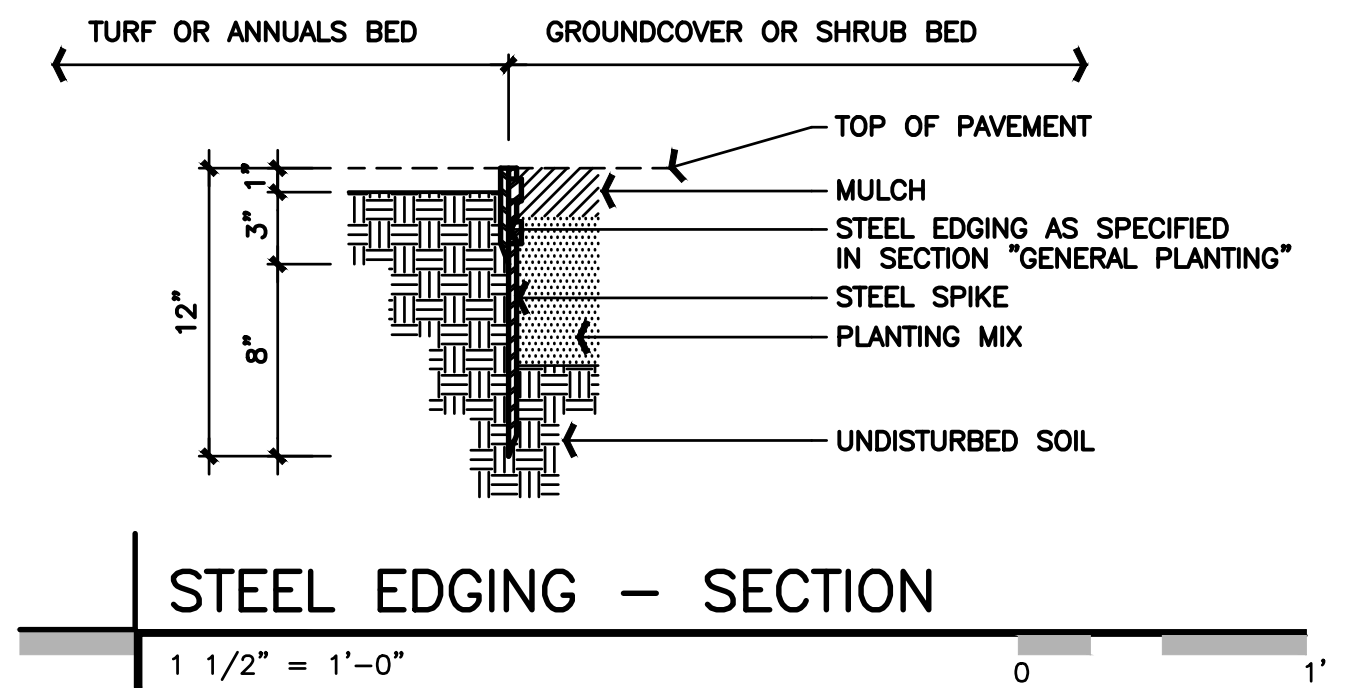
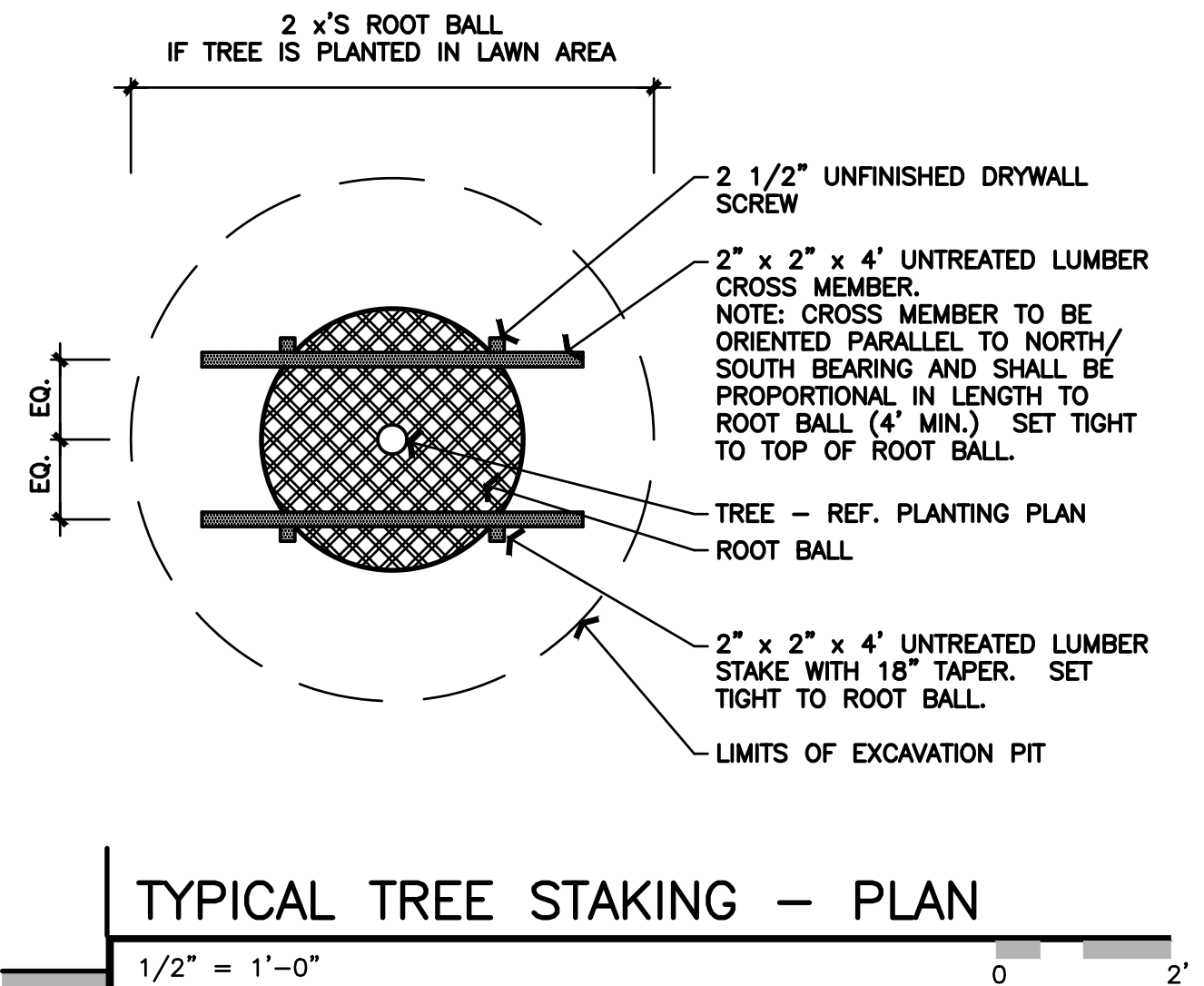
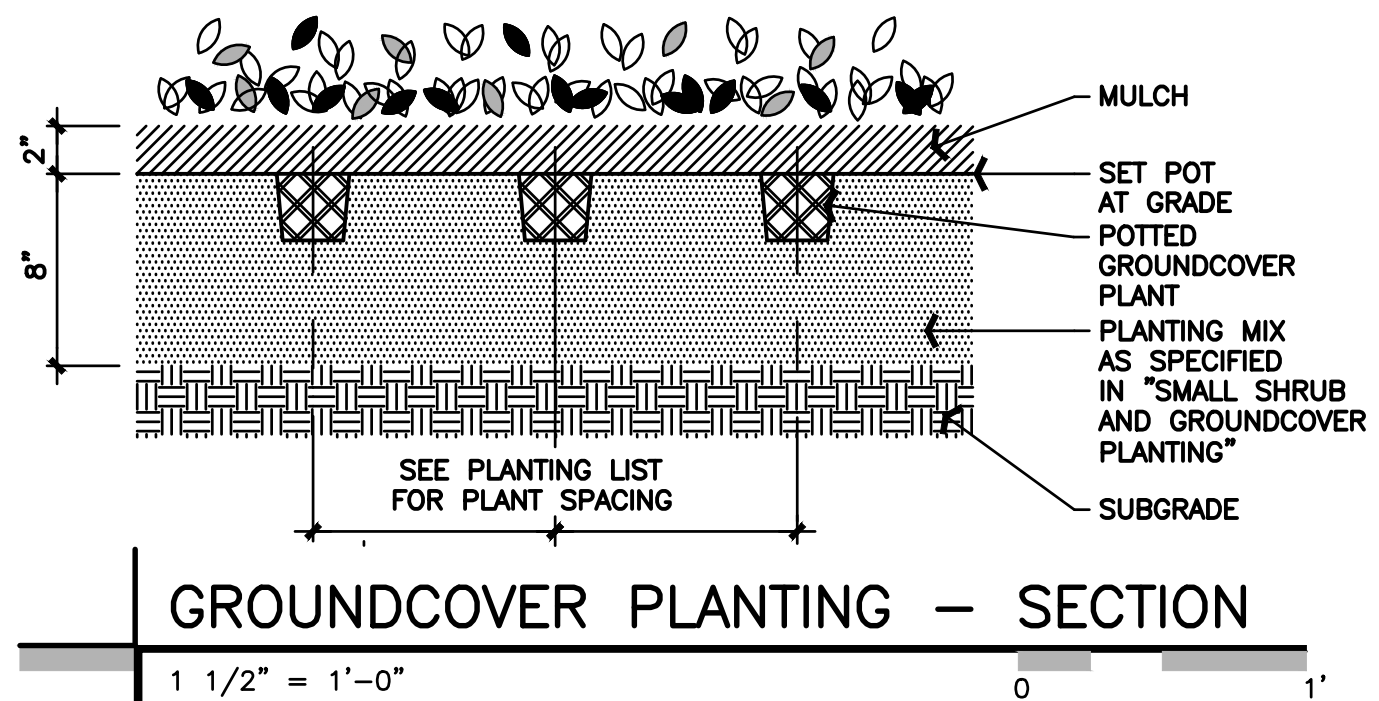
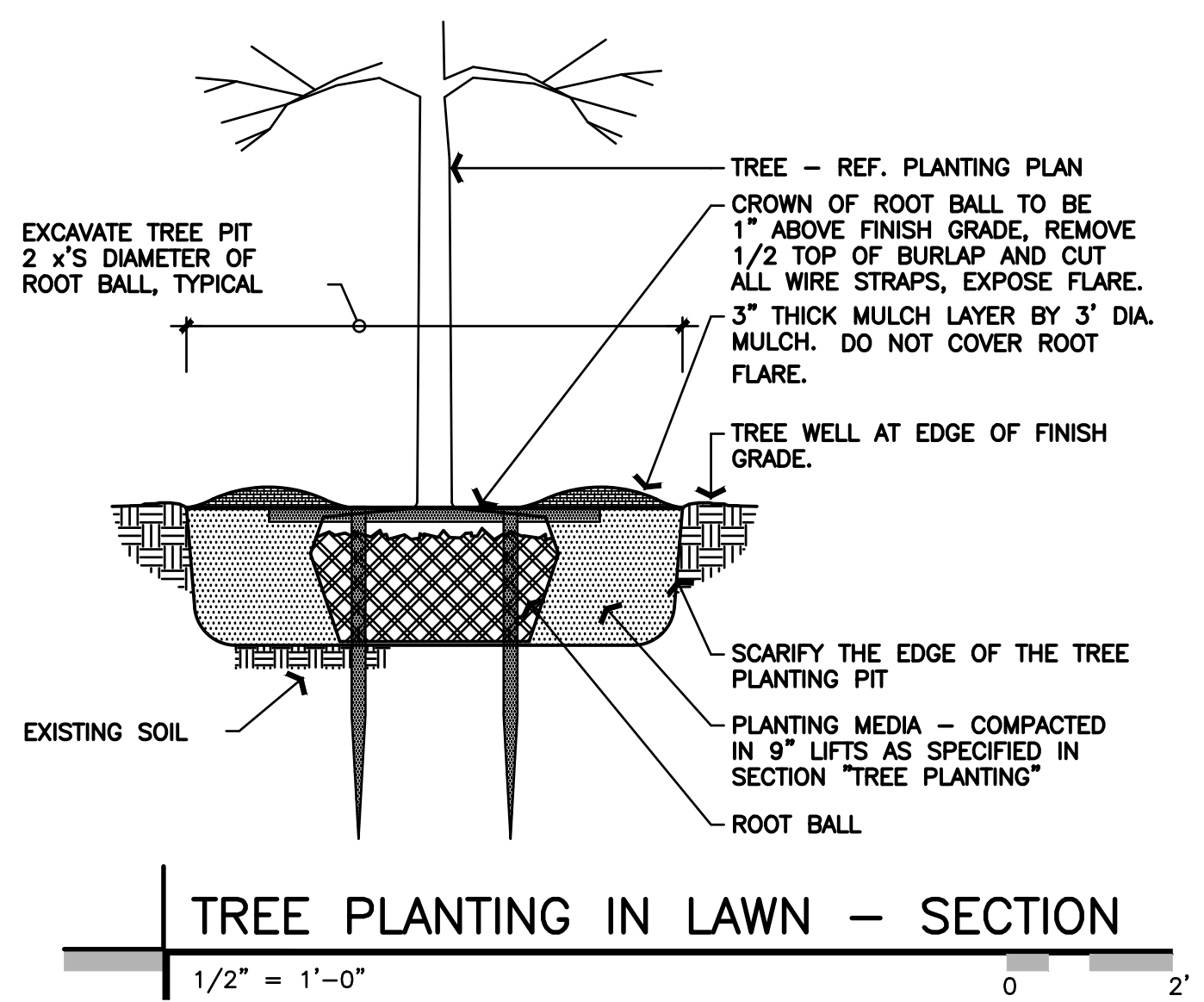
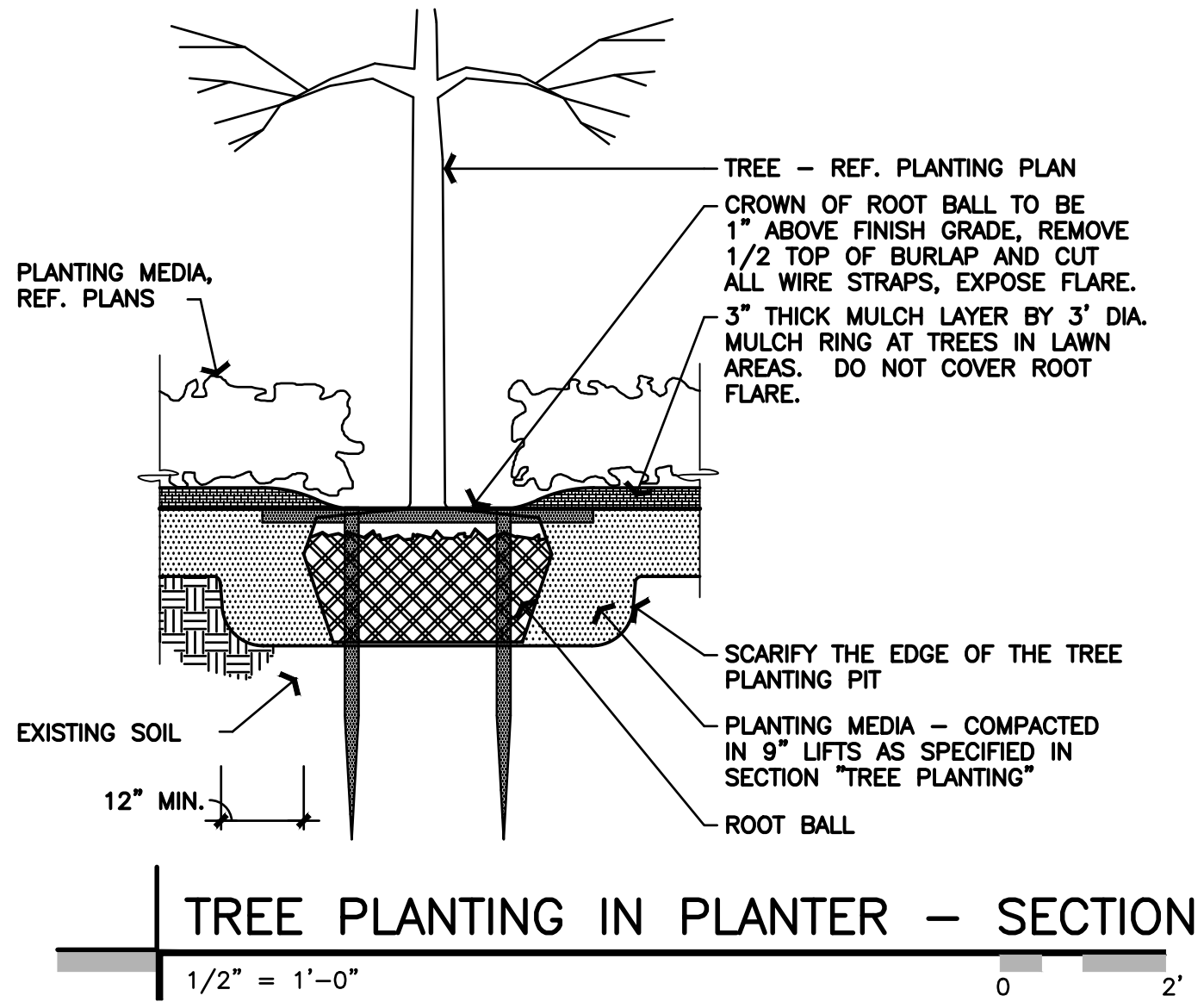
ENDEAVOR 2.0

LANDSCAPE  
PLAN

L-101

PLOT DATE:





DATE	REMARKS

CONTRACT DATE: 02.01.21  
BUILDING TYPE: END20  
PLAN VERSION: MARCH 2020  
BRAND DESIGNER:  
SITE NUMBER: 294252  
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PA/PM: JW  
DRAWN BY.: TW  
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**TACO BELL**  
1579 N. MORTON ST.  
FRANKLIN, IN 46131



ENDEAVOR 2.0  
LANDSCAPE  
DETAILS

**L-501**

PLOT DATE: