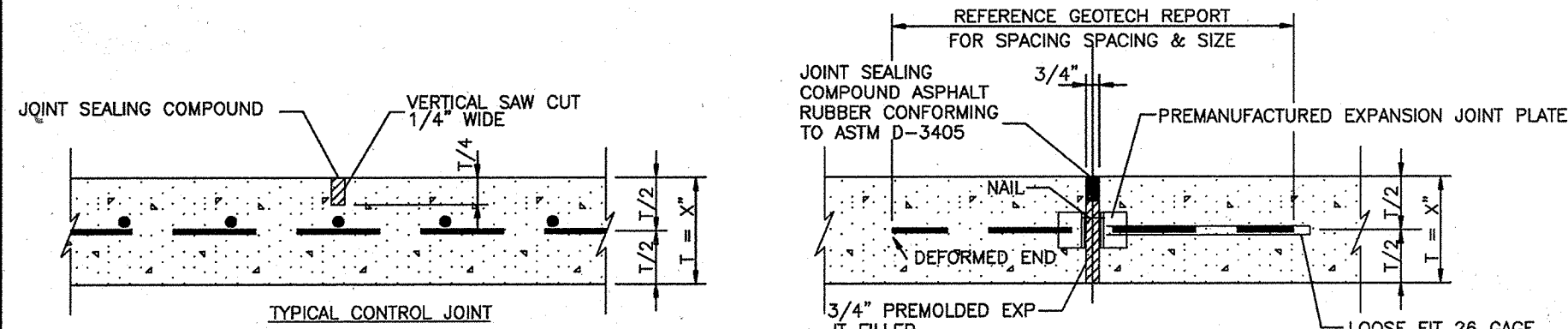


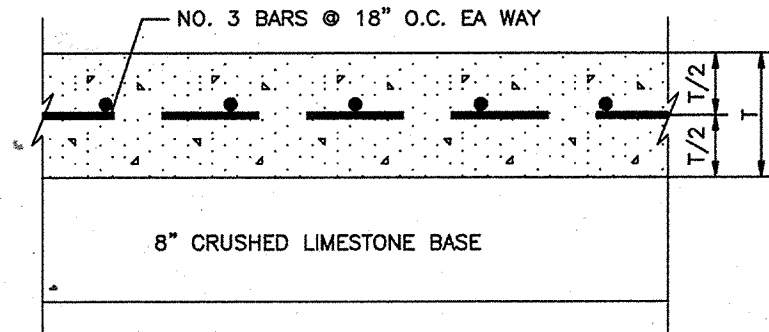
PAVEMENT JOINT DETAILS
NTS

RIGID PAVEMENT SYSTEM

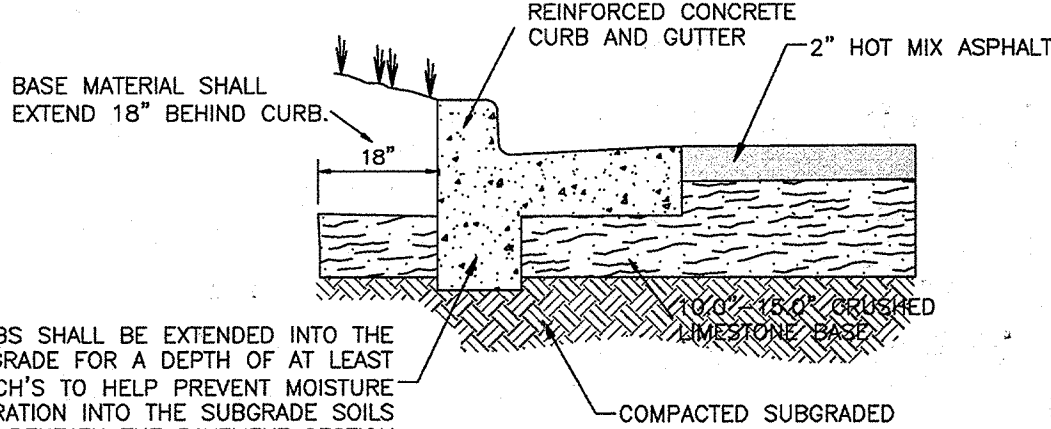
Component	Material Thickness ALL AREAS
REINFORCED CONCRETE	6.0"
CRUSHED LIMESTONE BASE	6.0"

FLEXIBLE PAVEMENT SYSTEM

Component	Material Thickness ALL AREAS
H.M.A.C.	2.0"
CRUSHED LIMESTONE BASE	10"(PASSENGER VEHICLES) AND 15"(HEAVY DUTY TRUCKS)



CURBS SHALL BE EXTENDED INTO THE SUBGRADE TO A DEPTH OF AT LEAST 3 INCHES TO HELP PREVENT MOISTURE MIGRATION INTO THE SUBGRADE SOILS BENEATH THE PAVEMENT SECTION

STANDARD RIGID PAVING WITH INTEGRAL CURB
NTSFLEXIBLE PAVEMENT SECTION
NTS

NOTES: (FOR CONCRETE PAVEMENT ONLY)

JOINTING AND SPACING SHOULD CONFORM TO THE AMERICAN CONCRETE INSTITUTE GUIDE FOR DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS, ACI REPORT 330R-08, PER GEOTECHNICAL REPORT.

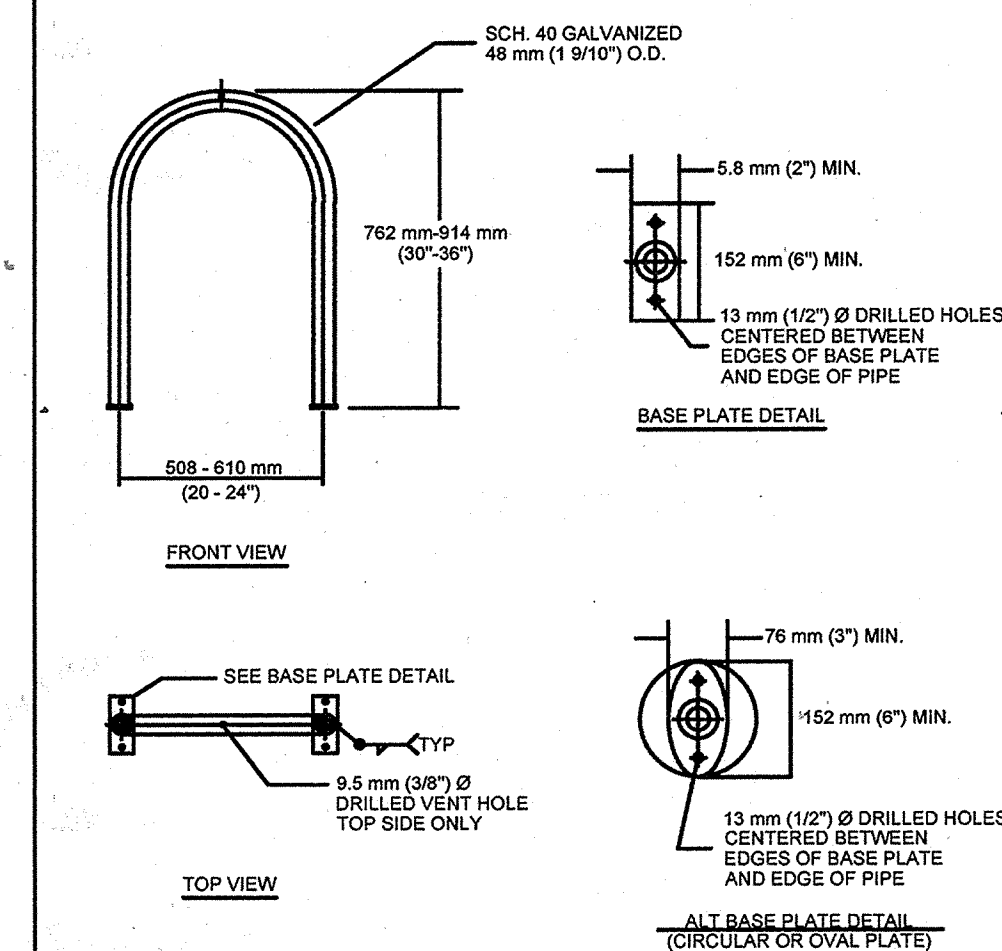
VERIFY JOINT SPACING AND REINFORCEMENT WITH GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION.

NOTES:

REFERENCE GEOTECHNICAL REPORT PROVIDED BY HOLT ENGINEERING, INC. FOR COMPACTION SPECIFICATIONS.

BASED ON THE GEOTECHNICAL ENGINEERING SURVEY PROVIDED BY MLA LABS, INC. (14106100.012) ON OCTOBER 2014.

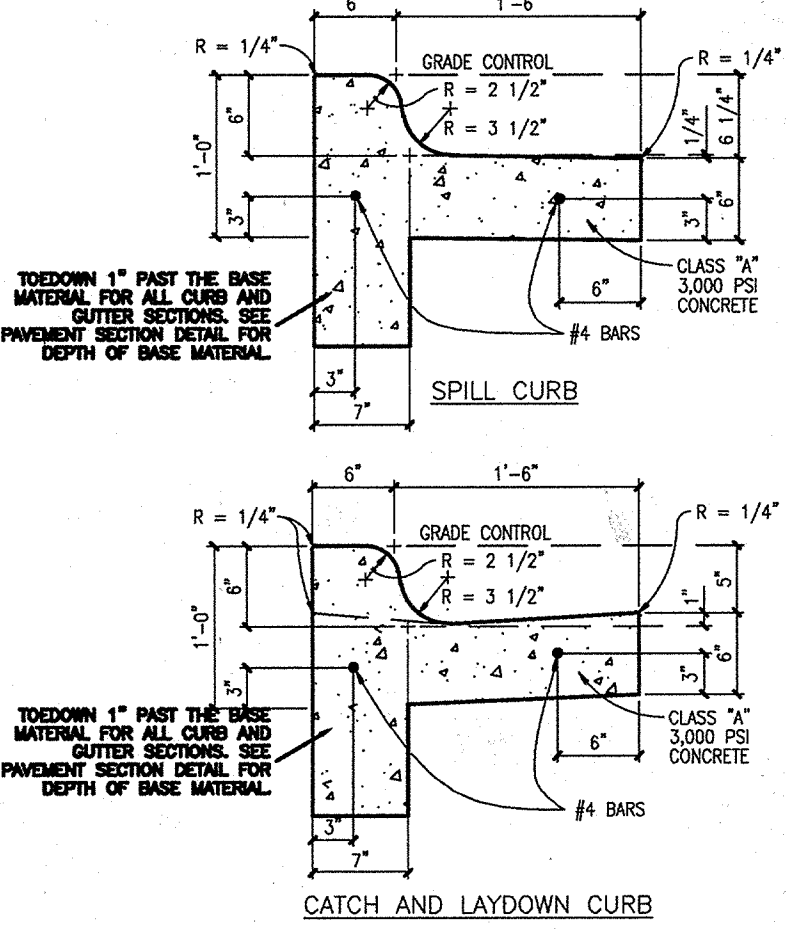
CONTRACTOR SHALL VERIFY PAVEMENT SECTION WITH GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION.

CONCRETE PAVING SECTION
DRIVEWAYS/FIRE LANE
NTS

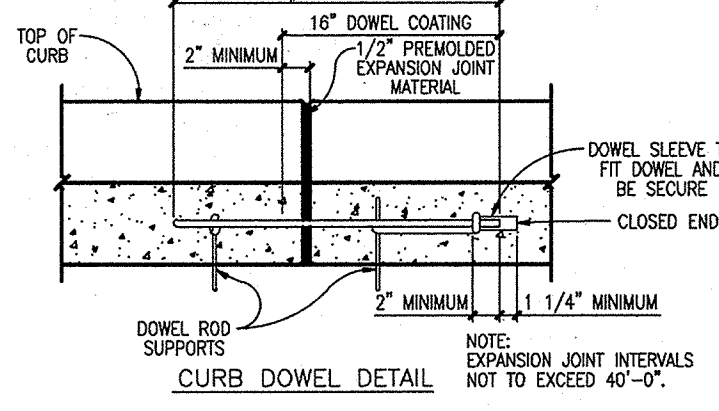
GENERAL NOTES:

- RACK INSTALLATION METHOD SHALL COMPLY WITH CITY STANDARD DETAIL 7105-3, 7105-4, OR 7105-6.
- RACK PLACEMENT SHALL COMPLY WITH APPLICABLE CITY STANDARD DETAILS 7105-6A, 7105-6B, OR 7105-6C AND CITY OF AUSTIN CODE SECTION 25-6-477 OR ITS SUCCESSOR.
- BASE PLATES TO BE 6.35 mm (1/4") PLATES, ASTM A-36 1010-1018 LOW CARBON PRIME STEEL

CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS RECORD COPY SIGNED BY COULING TRAN	CLASS III STYLE BICYCLE PARKING THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. 7105-1 1 OF 1
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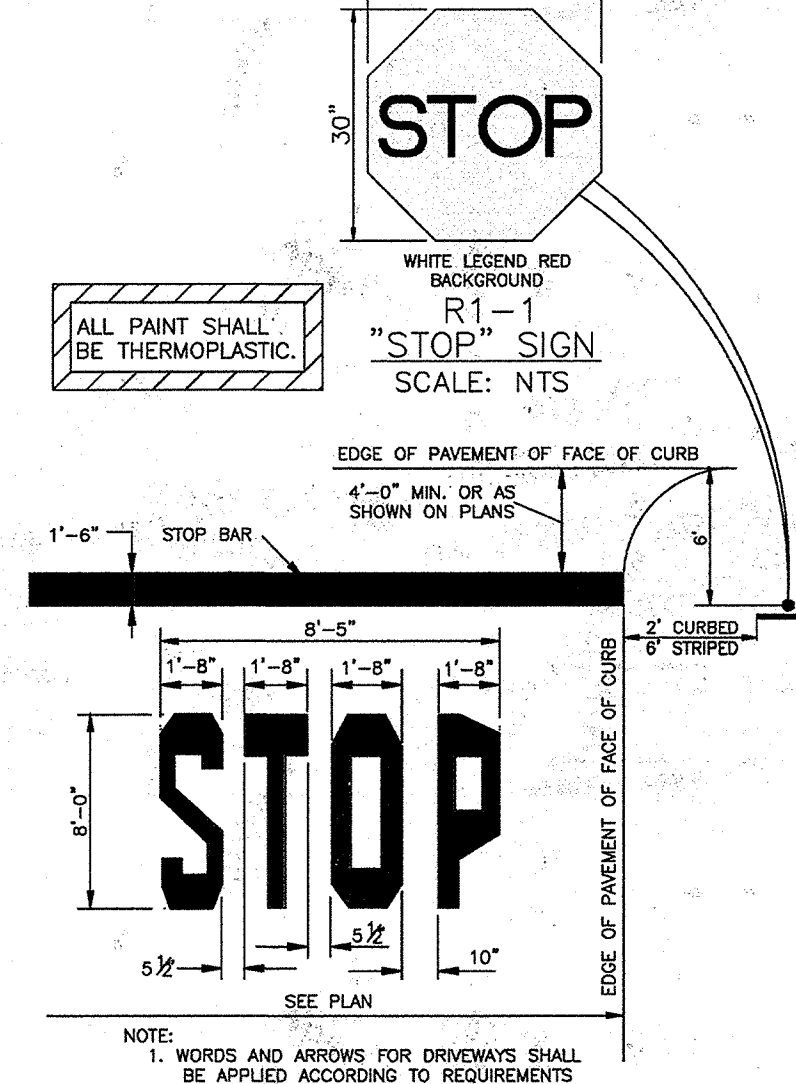
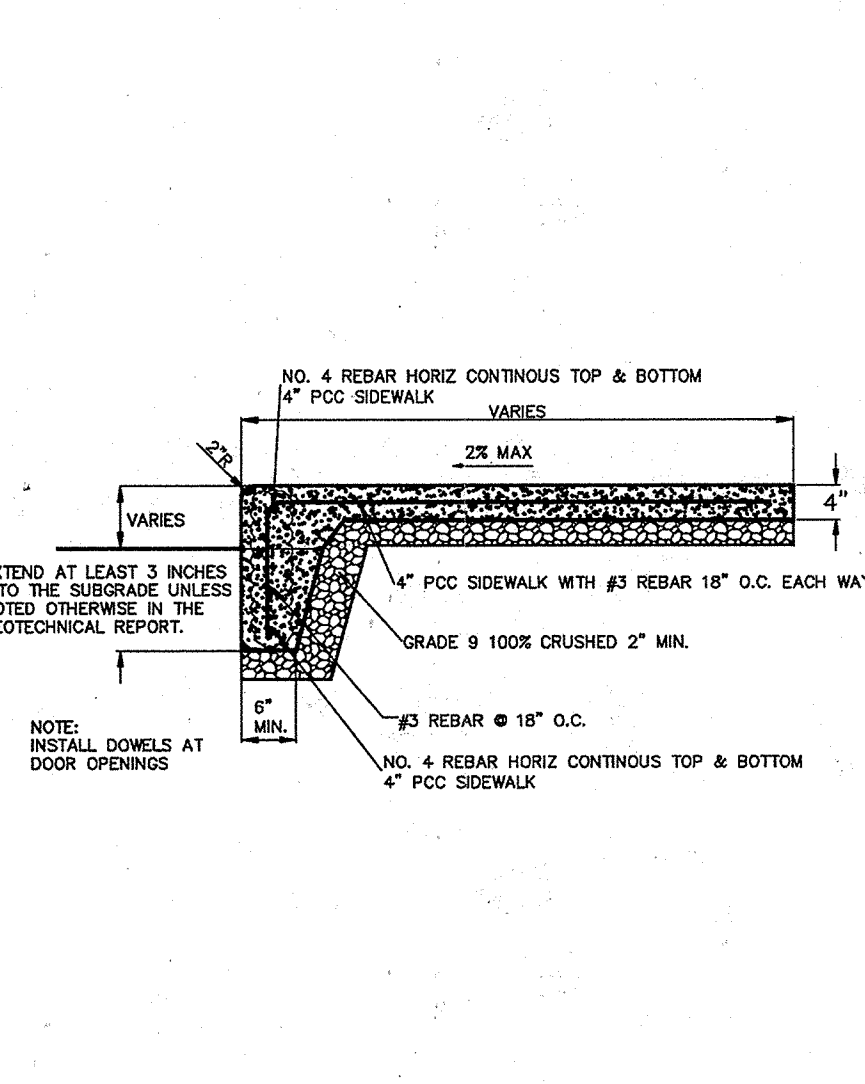
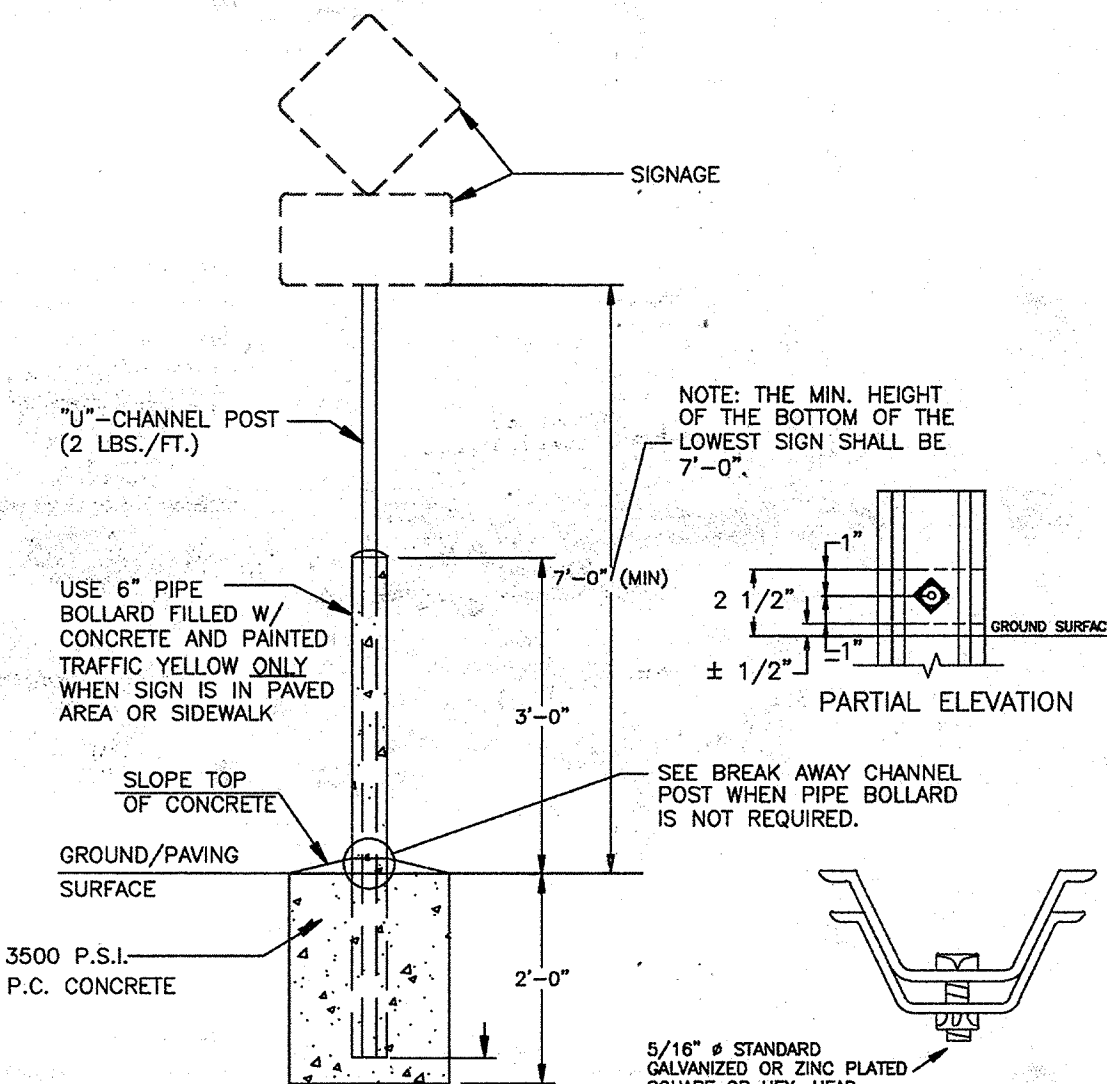
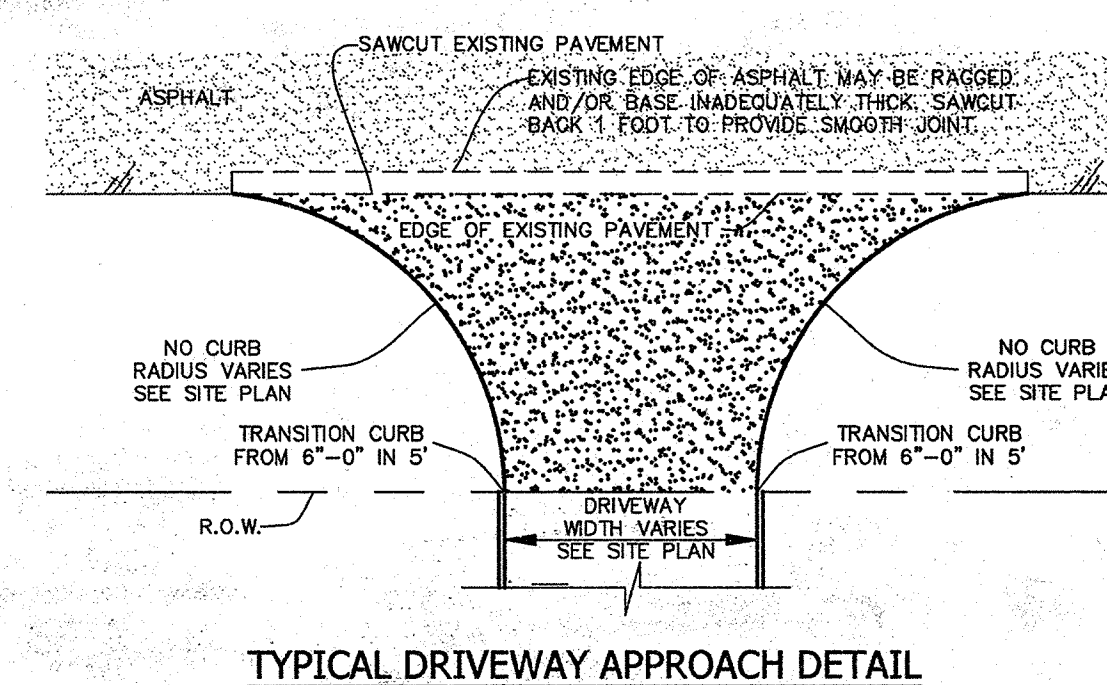
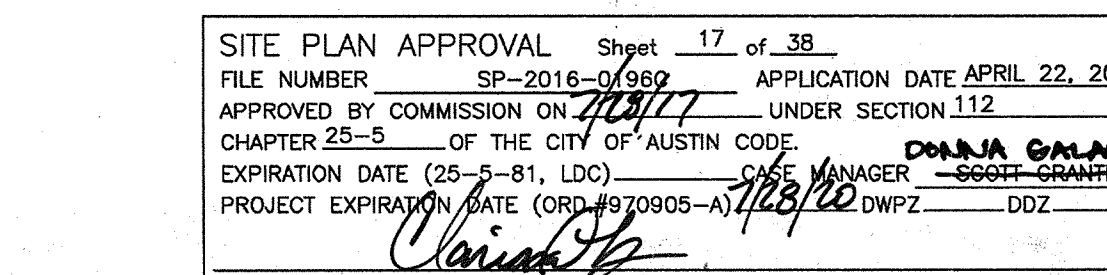
SEE PAVING DETAILS FOR PAVEMENT SECTIONS, SUBBASE, SUBGRADE AND COMPACTION REQUIREMENTS.

REINFORCED CURB & GUTTER DETAIL
NTS

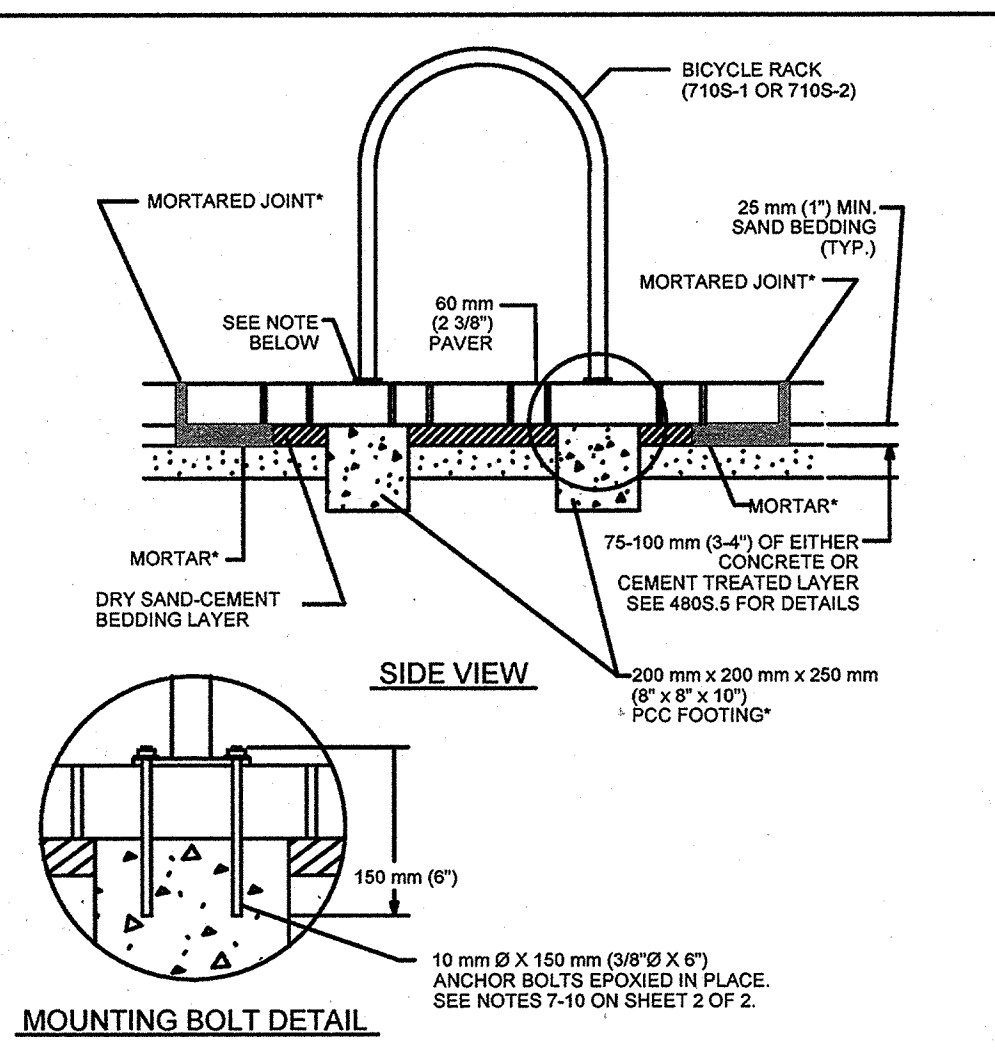
NOTES:

- ALL WORK AND MATERIAL SHALL CONFORM TO ASTM A615, A615M, C309, AND D1752. BROOM FINISH EXPOSED SURFACE.
- CONTRACTION JOINT SPACING 10' MAX.
- EXPANSION JOINTS AS PER STD.
- 1/2" EXPANSION JOINT MATERIAL SHALL BE PROVIDED WHERE CURB IS ADJACENT TO SIDEWALK OR RIP-RAP.
- TRANSITIONS BETWEEN CURBS OR DIFFERING CROSS SECTIONS SHALL OCCUR OVER A 20 FOOT LENGTH AS APPROVED BY THE ENGINEER OR THE CITY OF AUSTIN.
- ALL CONCRETE SHALL BE CLASS A, 3000 PSI.
- ALL SURFACES THAT ARE CHIPPED OR OTHERWISE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED.

- THE FOLLOWING SCHEME OF REINFORCEMENT SHALL BE REQUIRED. THE MANNER OF PLACEMENT AND LOCATION SHALL BE TO THE SATISFACTION OF THE ENGINEER OR THE CITY OF GEORGETOWN.
- ALL CURB AND CURB AND GUTTER (REINFORCED) SHALL HAVE TWO #4 LONGITUDINAL REINFORCING BARS.
- REINFORCING BARS SHALL BE LAPPED A MINIMUM OF 15 INCH.
- REINFORCING BARS SHALL BE SUPPORTED WITH REBAR CHAIRS OR OTHER APPROVED METHODS.
- REBAR SUPPORTS ARE NOT REQUIRED ON MACHINE PLACED CURB PROVIDED THAT REBAR IS PROPERLY GUIDED INTO THE CURB SECTION.

SIDEWALK INTEGRAL CURB DETAIL
NTSSTOP SIGN & SIGN DETAIL
NTSSTANDARD SIGN AND BASE DETAIL
NTSTYPICAL DRIVEWAY APPROACH DETAIL
NTS

SHEET C503 17 OF 38 SP-2016-0196C	
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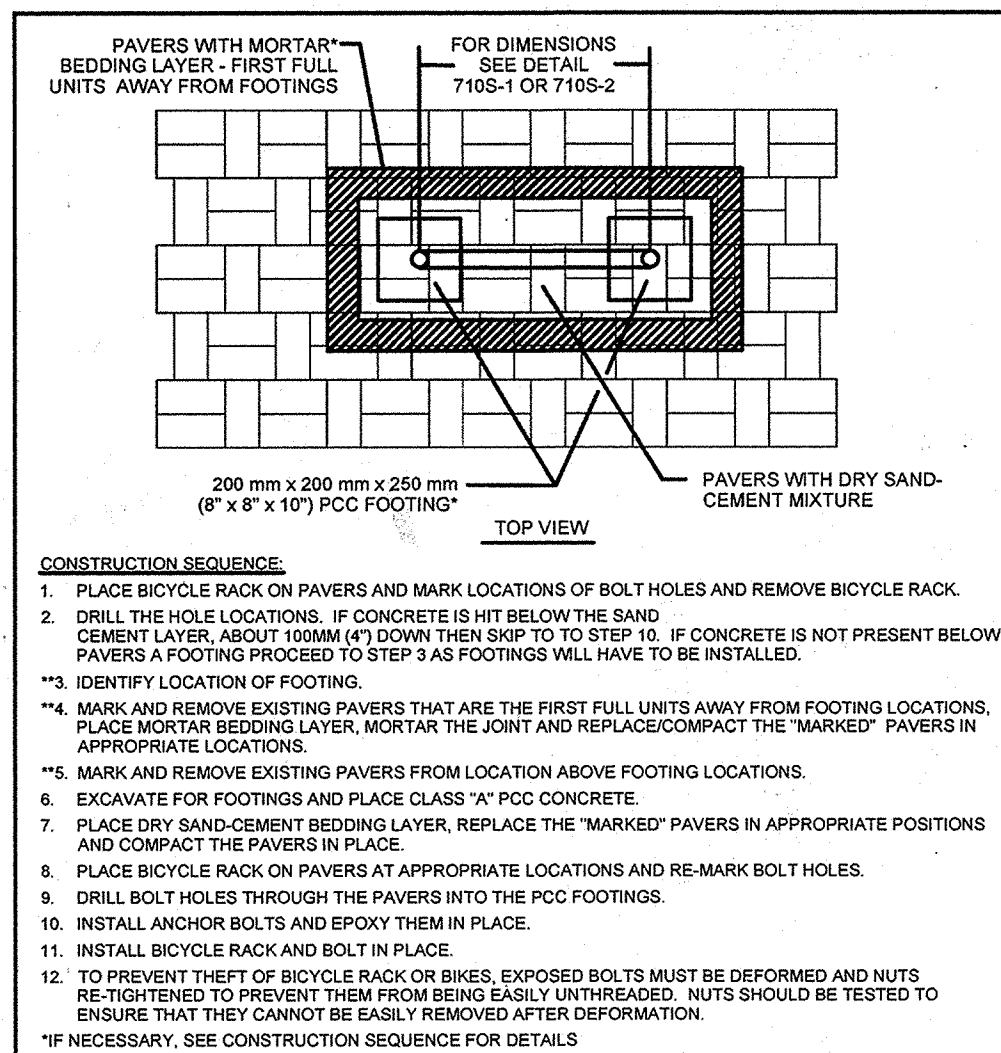
MOUNTING BOLT DETAIL

GENERAL NOTES:

- RACKS SHALL COMPLY WITH CITY STANDARD DETAIL 7105-1 OR 7105-2.
- RACK PLACEMENT SHALL COMPLY WITH APPLICABLE CITY STANDARD DETAILS 7105-6A, 7105-6B, OR 7105-6C AND IN COMPLIANCE WITH CITY OF AUSTIN CODE SECTION 25-6-477 OR ITS SUCCESSOR.
- SAW CUT PAVES TO MATCH PAVES CONFIGURATION.

*IF NECESSARY, SEE CONSTRUCTION SEQUENCE ON PAGE 2 FOR DETAILS

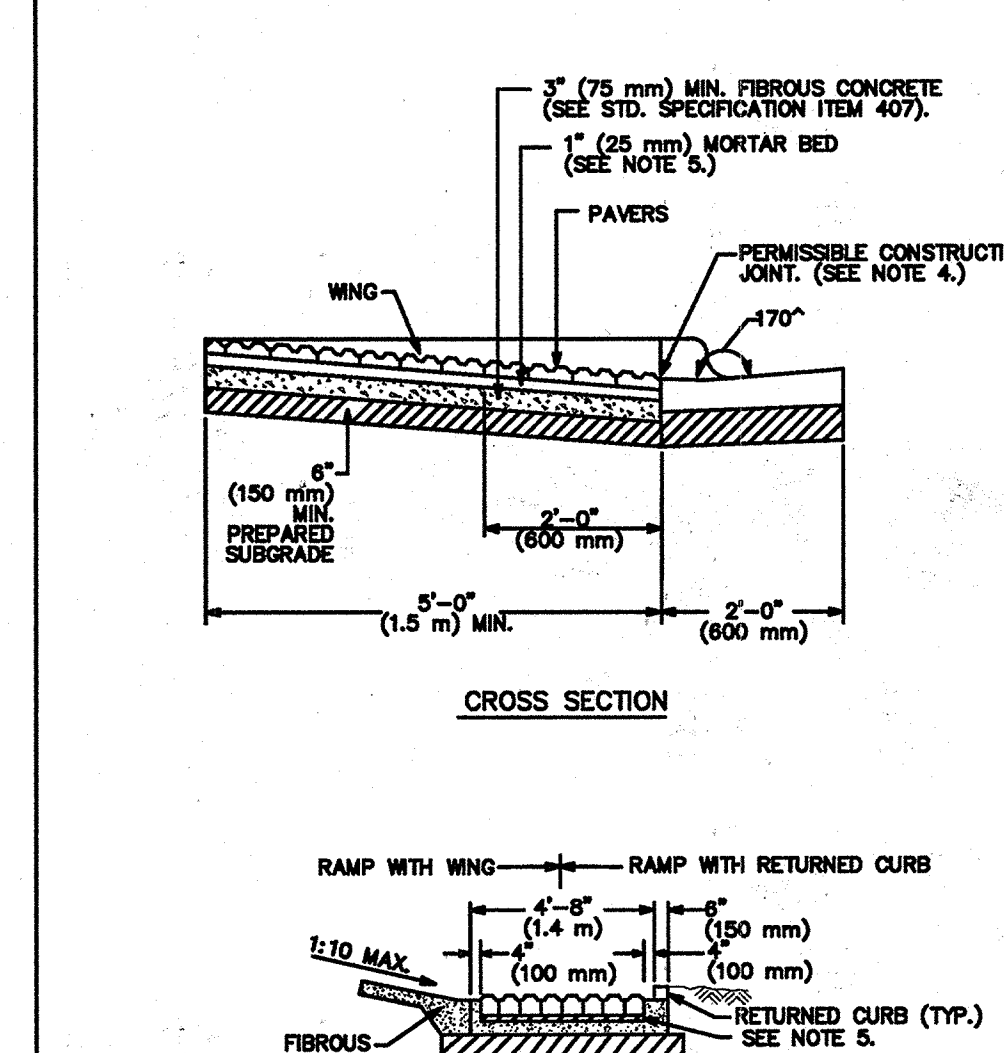
CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS RECORD COPY SIGNED BY COULING TRAN	BICYCLE RACK INSTALLATION IN CONCRETE PAVEMENT SIDEWALK/ALTERNATE 1 THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. 7105-3 1 OF 2
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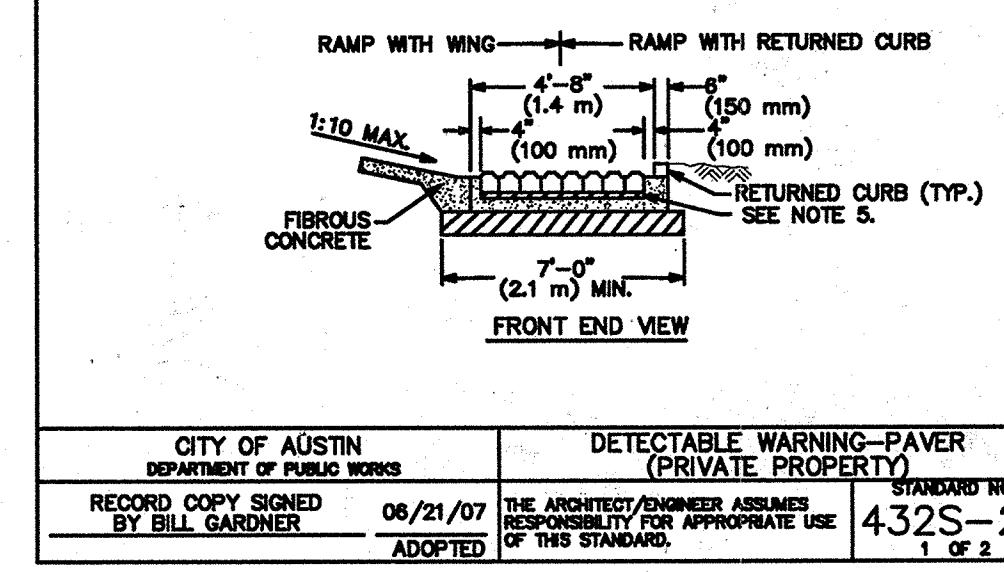
CONSTRUCTION SEQUENCE:

- PLACE BICYCLE RACK ON PAVERS AND MARK LOCATIONS OF BOLT HOLES AND REMOVE BICYCLE RACK.
- DRILL THE HOLE LOCATIONS. IF CONCRETE IS HIT BELOW THE SAND CEMENT LAYER, ABOUT 10MM (4") DOWN THEN STOP TO STEP 10. IF CONCRETE IS NOT PRESENT BELOW PAVERS A FOOTING PROCEED TO STEP 3 AS FOOTINGS WILL HAVE TO BE INSTALLED.
- IDENTIFY LOCATION OF FOOTING.
- MARK AND REMOVE EXISTING PAVERS THAT ARE THE FIRST FULL UNITS AWAY FROM FOOTING LOCATIONS. PLACE MORTAR BEDDING LAYER, MORTAR THE JOINT AND REPLACE/COMPACT THE MARKED PAVERS IN APPROPRIATE LOCATIONS.
- EXCAVATE FOR FOOTINGS AND PLACE CLASS "A" PCC CONCRETE.
- PLACE DRY SAND-CEMENT BEDDING LAYER, REPLACE THE "MARKED" PAVERS IN APPROPRIATE POSITIONS AND COMPACT THE PAVERS IN PLACE.
- PLACE BICYCLE RACK ON PAVERS AT APPROPRIATE LOCATIONS AND RE-MARK BOLT HOLES.
- DRILL BOLT HOLES THROUGH THE PAVERS INTO THE PCC FOOTINGS.
- INSTALL ANCHOR BOLTS AND EPOXY THEM IN PLACE.
- INSTALL BICYCLE RACK AND BOLT IN PLACE.
- TO PREVENT THEFT OF BICYCLE RACK OR BIKES, EXPOSED BOLTS MUST BE DEFORMED AND NUTS TIGHTENED TO PREVENT THEM FROM BEING EASILY UNTHREADED. NUTS SHOULD BE TESTED TO ENSURE THAT THEY CANNOT BE EASILY REMOVED AFTER DEFORMATION.
- IF NECESSARY, SEE CONSTRUCTION SEQUENCE FOR DETAILS.
- THESE STEPS ARE REQUIRED FOR EXISTING PAVES SIDEWALKS TO MAINTAIN STRUCTURE AND STABILITY OF ADJOINING PAVERS.

CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS RECORD COPY SIGNED BY COULING TRAN	BICYCLE RACK INSTALLATION IN CONCRETE PAVEMENT SIDEWALK/ALTERNATE 1 THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. 7105-3 2 OF 2
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CROSS SECTION



CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS RECORD COPY SIGNED BY BILL GARDNER	DETECTABLE WARNING-PAVER (PRIVATE PROPERTY) STANDARD NO. 432S-2B 1 OF 2
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- THIS STANDARD IS APPLICABLE FOR RAMP CONSTRUCTION WITHIN PRIVATE PROPERTY ONLY.
- PAVERS ARE REQUIRED FOR ALL CURB RAMP INSTALLATIONS.
- PAVERS WILL HAVE DETECTABLE WARNING THAT CONSISTS OF RAISED TRUNCATED CONES WITH A DIAMETER OF 0.6" (15 mm), A NOMINAL HEIGHT OF 0.2" (5 mm) AND A NOMINAL CENTER TO CENTER SPACING OF 2.35" (60 mm) AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES. OTHER LIGHT OR DARK OR LIGHT OR DARK (SEE ADAAG SECTION 4.29.2). MATERIAL USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE MAKING SURFACE. PAVES PATTERN SHALL BE SHOWN IN THE PLAN VIEW UNLESS DIRECTED OTHERWISE BY THE ENGINEER OR DESIGNATED REPRESENTATIVE.
- TYPICAL SIDEWALK WIDTHS AND CURB RADI ARE SHOWN FOR ILLUSTRATION ONLY. REFER TO THE TRANSPORTATION CRITERIA MANUAL FOR SIDEWALK WIDTHS, CURB RADI AND CURB BASIS.
- THE PERMISSIBLE CONSTRUCTION JOINT BETWEEN THE PAVERS AND THE ADJOINING SURFACE SHALL BE LIMITED TO 1/4" (6 mm). JOINT SIZE: CAPS LARGER THAN 1/4" (6 mm) MUST BE APPROVED BY THE ENGINEER OR DESIGNATED REPRESENTATIVE. ALL JOINTS BETWEEN DRIVWAYS AND ADJOINING SURFACES SHALL BE FILLED UNLESS DIRECTED OTHERWISE BY THE ENGINEER OR DESIGNATED REPRESENTATIVE.
- MORTAR SHALL CONFORM TO STD. SPECIFICATION ITEM SECTION 403S.3.5. MORTAR AND GROUT, ALL OTHER CONCRETE SHALL CONFORM TO STD. SPECIFICATION ITEM 403S, CONCRETE FOR STRUCTURES, UNLESS OTHERWISE NOTED.
- CURB RAMP WITH RETURNED CURB MAY ONLY BE USED WHERE PEDESTRIANS WOULD NOT NORMALLY WALK DIAGONALLY ACROSS THE RAMP.

CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS RECORD COPY SIGNED BY BILL GARDNER	DETECTABLE WARNING-PAVER (PRIVATE PROPERTY) STANDARD NO. 432S-2B 2 OF 2
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