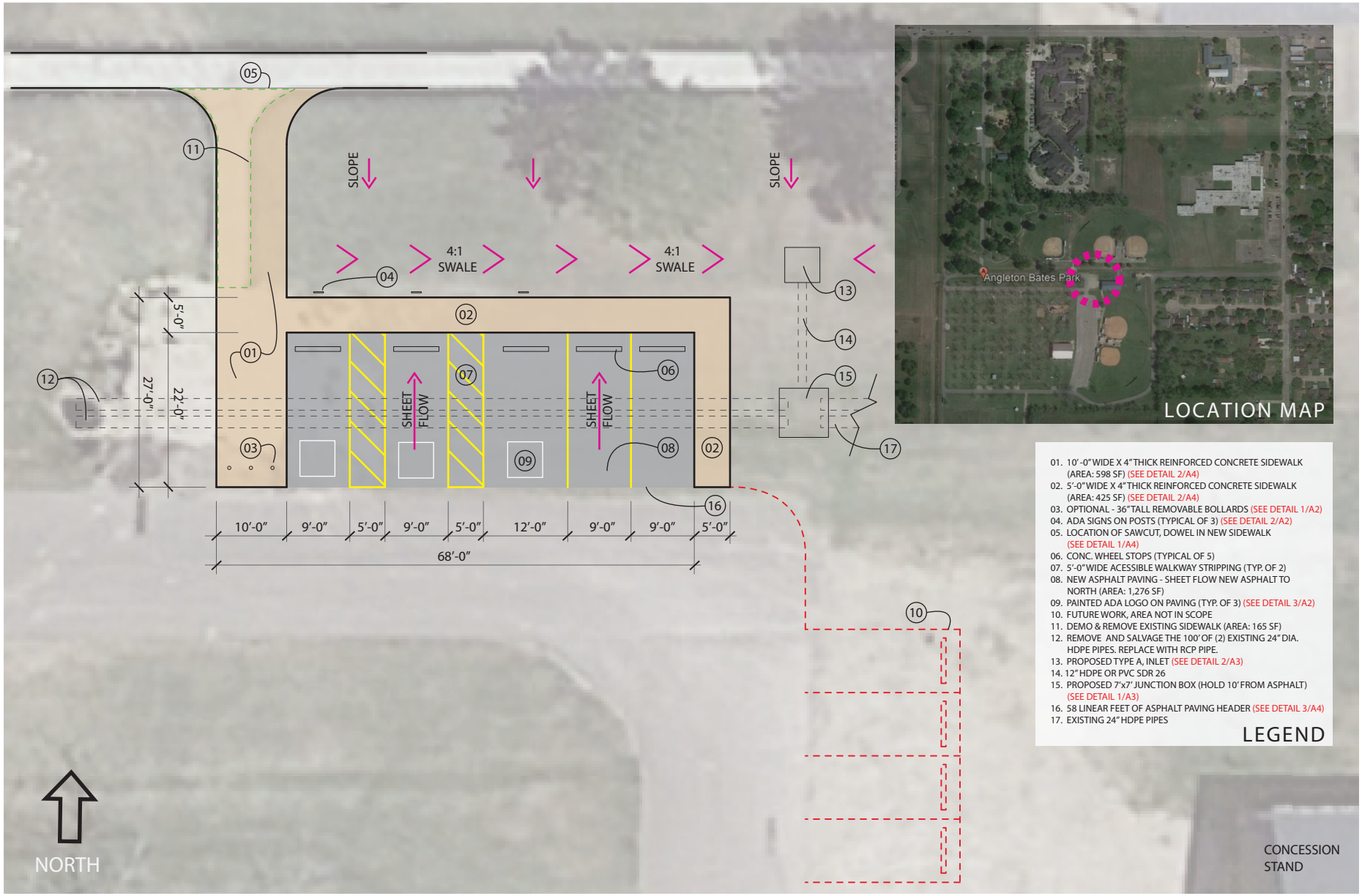
SHEET

A1

THE HEART OF BRAZORIA COUNTY
ANGLETON

CITY OF ANGLETON _ BATES PARK_ADA SPACES

16.MAY.2023



HDR chris.casey@hdrinc.com

0 5 20 ft.

SHEET

A2

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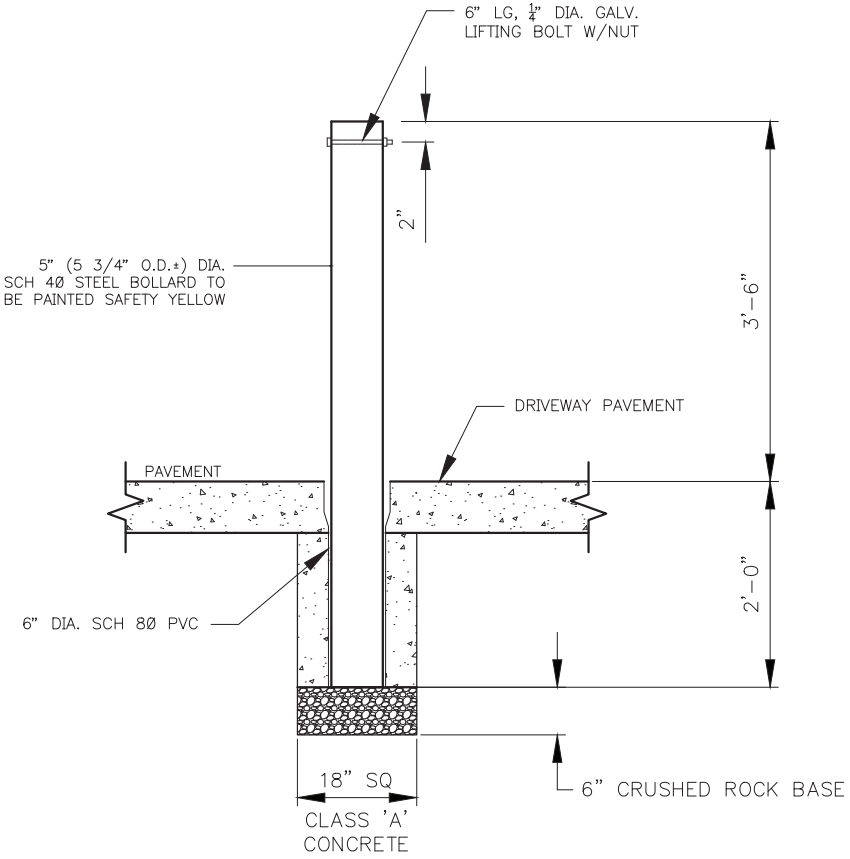
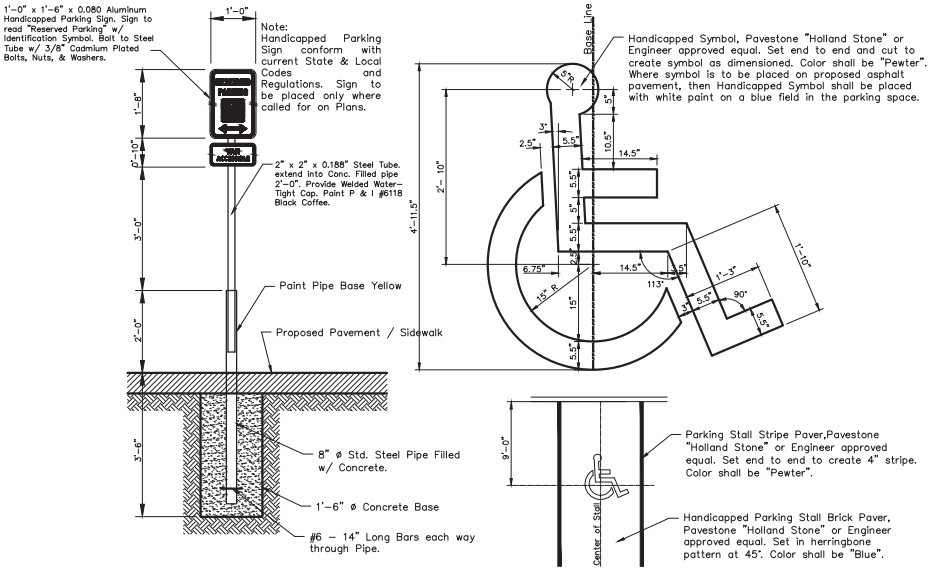
ANGLETON

CITY OF ANGLETON _ BATES PARK_ADA SPACES

16.MAY.2023



1 BOLLARD DETAIL



2 PARKING SIGN DETAIL

3 SYMBOL DETAIL

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SHEET

A3

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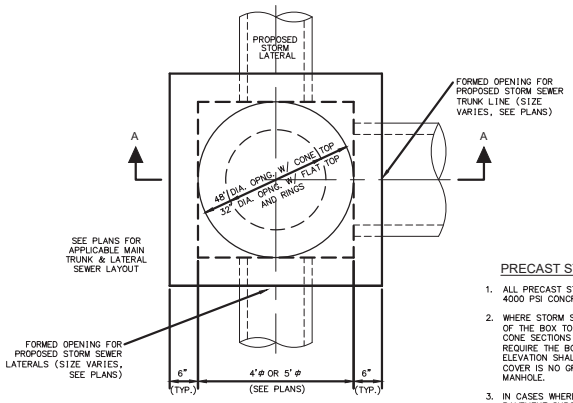
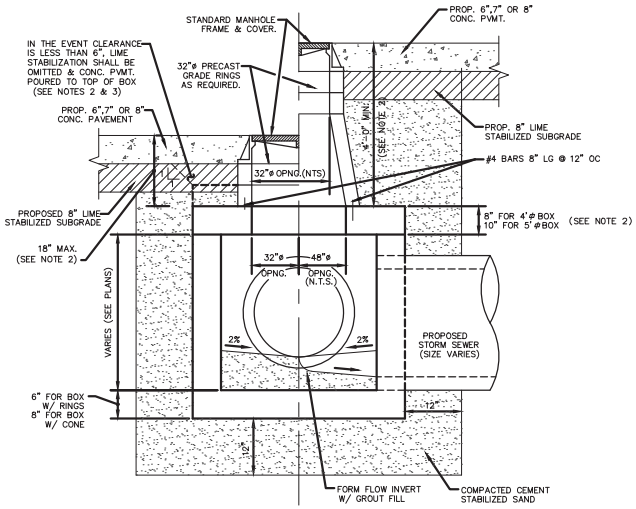
16.MAY.2023



PLAN

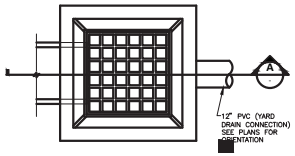
PRECAST STORM BOX MH NOTES:

1. ALL PRECAST STORM BOX MANHOLES SHALL BE CONSTRUCTED OF 4000 PSI CONCRETE, REINFORCED 60000 PSI HS 20 LOADING.
2. WHERE STORM SEWER LEAD & TRUNKMAIN DEPTHS ALLOW THE TOP OF THE BOX TO BE AT OR GREATER THAN A MIN. 4'-0" DEPTH, CONE SECTIONS MAY BE USED. WHERE LEADS & MAIN DEPTHS REQUIRE THE BOX MANHOLE TOP TO BE LESS THAN 4'-0", THE TOP ELEVATION SHALL BE SET SUCH THAT THE TOP OF THE MANHOLE COVER IS NO GREATER THAN 18" ABOVE THE TOP OF THE BOX MANHOLE.
3. IN CASES WHERE THE TOP SLABS MAY ENCROACH INTO PROPOSED PAVEMENT SUBGRADE, THE SUBGRADE OVER THE BOX SHALL BE ELIMINATED AND THE PROPOSED CONCRETE PAVEMENT SHALL BE POURED IN REQUIRED EXTRA THICKNESS TO THE TOP OF THE BOX AS NOTED ON THIS SHEET.

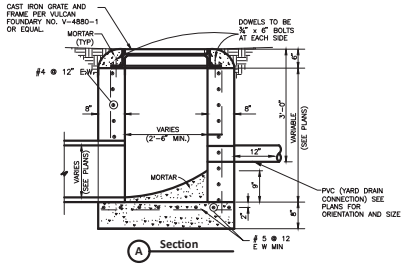


SECTION A-A

1 PRECAST STORM SEWER JUNCTION BOX



PLAN

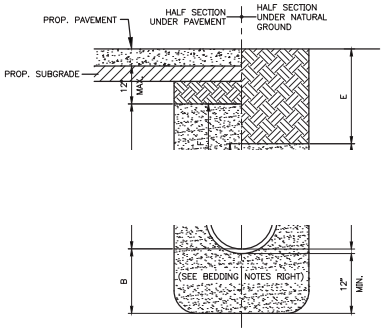


TYPE 'A' GRATE INLET

NOT TO SCALE

CONTRACTOR MAY USE PRECAST CONCRETE INLETS. PRECAST TYPE 'A' GRATE INLETS SHALL CONFORM TO MOOR-TEX PRODUCTS, INC. DWG. NO. AINLET30 OR EQUAL.

2 TYPE 'A' GRATE INLET



BEDDING AND BACKFILL DETAIL FOR STORM SEWER PIPES

NOT TO SCALE

BEDDING NOTES:

A. MIN. TRENCH WIDTH SHALL BE PIPE O.D. PLUS AN ALLOWANCE "A" FOR THE NOMINAL PIPE SIZE:

NOMINAL PIPE SIZE	"A"
<18"	18"
18" TO 30"	24"
>30"	36"

B. CEMENT STABILIZED SAND (1.5 SACKS OF CEMENT PER CUBIC YARD, COMPACTED TO 95% OF MAX. STD. PROCTOR) PLACED BEFORE PIPE IS LAID UP TO FLOW LINE OF PIPE OR ABOVE— MINIMUM DEPTH = 6". (USE 12" FOR PIPE SIZES 24" AND LARGER)

EMENT STABILIZED SAND (AS SPECIFIED ABOVE) THOROUGHLY ODDED, PLACED AFTER PIPE IS LAID.

OMPACTED BANK SAND BACKFILL, COMPACTED AS PER SPECIFICATIONS.

ELECT EARTH BACKFILL WITH MAX LIQUID LIMIT OF 40, MIN. I. OF 7, MAX P.I. OF 20 CONTAINING NO ROCKS OR OTHER DEBRIS NOR CONTAINING ANY DIRT CLODS EXCEEDING 6" IN ANY DIMENSION. PLACED IN 6" LAYERS, MOISTENED IF NECESSARY AND THOROUGHLY COMPACTED TO 90% DENSITY AS DETERMINED BY BY ASTM D698, UNLESS OTHERWISE NOTED.

F. CEMENT STABILIZED SAND TO ONE (1') FOOT BELOW BOTTOM OF PAVEMENT FOR PIPE SIZES 36" AND SMALLER. FOR PIPE SIZES 42" AND LARGER, TO 12" ABOVE TOP OF PIPE

G. MAX TRENCH WIDTH SHALL NOT BE GREATER THAN MIN TRENCH WIDTH PLUS 24". UNLESS OTHERWISE NOTED.

H. IF OUTSIDE EDGE OF PIPE IS WITHIN 2' OF BACK OF CURB, BACKFILL SHALL BE PERFORMED AS UNDER PAVEMENT.

I. THIS DETAIL TO BE USED ONLY WERE SOIL CONDITIONS ARE SATISFACTORY

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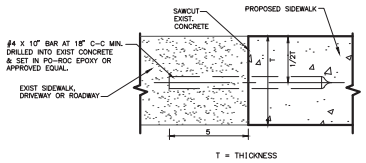
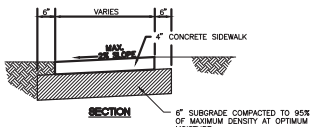


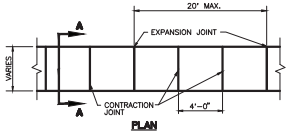
1 PROP. SIDEWALK AT EXIST.



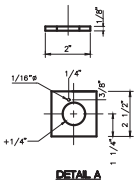
NOTES

1. ALL EDGES SHALL BE ROUNDED WITH 1/4" RADIUS.
2. CONTRACTION JOINTS SHALL BE SPACED AT 4'-0" INTERVALS.
3. CONTRACTION JOINTS SHALL BE 1" DEEP AND EDGED WITH 1/4" RADIUS.
4. EXPANSION JOINTS SHALL BE SPACED AT 20 FT. INTERVALS. (MAXIMUM)
5. WHERE NEW SIDEWALK IS PLACED AGAINST EXISTING SIDEWALK, SAWCUT EXISTING SIDEWALK TO AN EVEN STRAIGHT LINE PRIOR TO INSTALLATION OF THE NEW SIDEWALK.

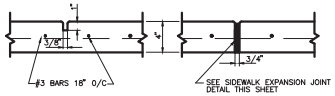
CONCRETE SIDEWALK DETAILS
NOT TO SCALE



PLAN

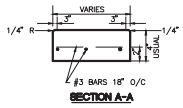


DETAIL A

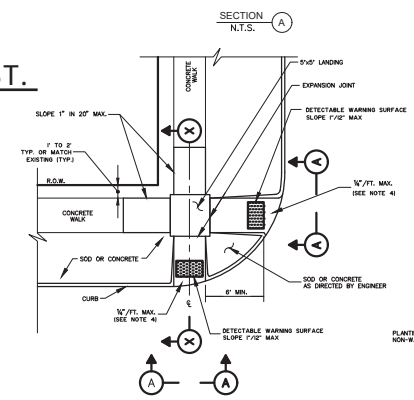


CONTRACTION JOINT

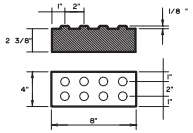
EXPANSION JOINT



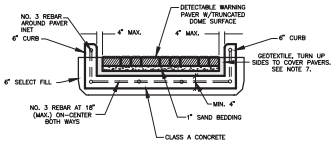
SECTION A-A



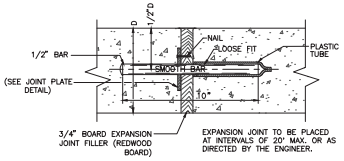
CURB RAMP



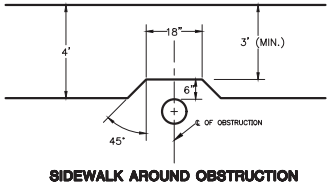
DETECTABLE WARNING PAVER



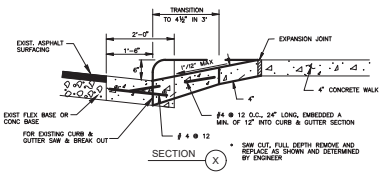
SECTION A-A



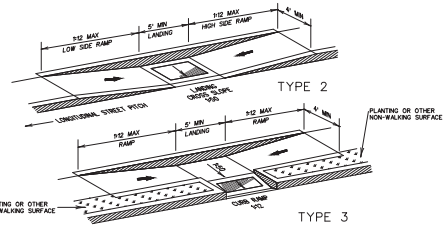
2 SIDEWALK EXPAN. JOINT



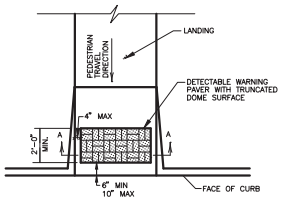
SIDEWALK AROUND OBSTRUCTION
NOT TO SCALE



EXISTING CURB & GUTTER CONSTRUCTION
NOT TO SCALE



PARALLEL CURB RAMPS



TRUNCATED DOME PATTERN CURB RAMP

GENERAL NOTES (PAVERS)

FURNISH DETECTABLE WARNING PAVER UNITS MEETING ALL REQUIREMENTS OF ASTM C-936, C-33, LAY IN A TWO BY TWO UNIT BASKET WEAVE PATTERN OR AS DIRECTED.

LAY FULL-SIZE UNITS FIRST FOLLOWED BY CLOSURE UNITS CONSISTING OF AT LEAST 25 PERCENT OF A FULL UNIT. CUT DETECTABLE WARNING PAVER UNITS USING A POWER MASONRY SAW AND SHALL BE CUT FULL DEPTH.

NOTES FOR DETECTABLE WARNINGS:

1. CURB RAMPS MUST CONTAIN A DETECTABLE WARNING SURFACE THAT CONSISTS OF RAISED TRUNCATED DOMES COMPLYING WITH SECTION 4.29 OF THE TEXAS ACCESSIBILITY STANDARDS (TAS). THE SURFACE MUST CONTRAST VISUALLY WITH ADJOINING SURFACES. THE CONTRACTOR SHALL COORDINATE WITH THE CITY TO OBTAIN APPROVAL OF THE COLOR PRIOR TO INSTALLING THE TRUNCATED DOME.
2. DETECTABLE WARNING SURFACES MUST BE SLIP RESISTANT AND NOT ALLOW WATER TO ACCUMULATE.
3. ALIGN TRUNCATED DOMES IN THE DIRECTION OF PEDESTRIAN TRAVEL WHEN ENTERING THE STREET.
4. SHADED AREAS ON THE CURB RAMP DETAILS INDICATE THE APPROXIMATE LOCATION FOR THE DETECTABLE WARNING SURFACE FOR THE CURB RAMP.
5. DETECTABLE WARNING SURFACES SHALL BE A MINIMUM OF 24" IN DEPTH IN THE DIRECTION OF PEDESTRIAN TRAVEL AND EXTEND THE FULL WIDTH OF THE RAMP OR LANDING WHERE THE PEDESTRIAN ACCESS ROUTE ENTERS THE STREET.
6. DETECTABLE WARNING SURFACE SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS A MINIMUM 6" AND A MAXIMUM 10" FROM THE EXTENSION OF THE FACE OF CURB. DETECTABLE WARNING SURFACES MAY BE CURVED ALONG THE CORNER RADIUS.
7. GEOTEXTILE SHALL BE INSTALLED AND CUT FLUSH WITH TOP OF PAVEMENT. ANY RAGGED EDGE EXPOSED AFTER PAVERS ARE IN PLACE, SHALL BE REMOVED BY HEAT.

DETECTABLE WARNING PAVER
NOT TO SCALE

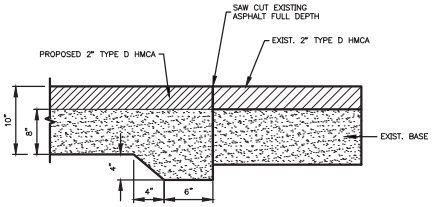
WHEEL CHAIR RAMP NOTES:

1. THE LOCATION OF A WHEELCHAIR R
CONDITIONS AT THE TIME OF CONSTI
2. ALL REINFORCING STEEL SHALL BE
CONCRETE REINFORCEMENT.
3. MINIMUM CLEAR WIDTH OF WHEELCHA
4. IN AREAS WHERE CURB RAMP CONNECTS TO ROADWAY GUTTER WITHIN LIMITS OF A CURB ARC, A FLATTENED AREA (¼"/FT. MAX.) SHALL BE PROVIDED SUCH THAT THE APPROACH TO RAMP IS 90° TO THE RAMP TRAVEL DIRECTION. FLATTENED AREA SHALL BE SLOPED TOWARD GUTTER TO PROVIDE POSITIVE DRAINAGE.
5. CONTRACTOR SHALL ENSURE CONNECTION OF PROPOSED SIDEWALK TO EXISTING SIDEWALK IS EVEN. ANY CHANGE IN ELEVATION IN EXCESS OF ¼" WILL REQUIRE REMOVAL AND REPLACEMENT OF PROPOSED SIDEWALK.
6. IN THE EVENT FIELD CONDITIONS PREVENT THE SIDEWALK TRANSITIONS FROM BEING CONSTRUCTED @ A 1:20 SLOPE OR LESS, CONTRACTOR SHALL INSTALL ADDITIONAL WHEELCHAIR RAMP. CONTRACTOR SHALL COORDINATE THE ADDITIONAL WHEELCHAIR RAMP LENGTH IN THE FIELD WITH THE OWNER'S REPRESENTATIVE.
7. ADDITIONAL INFORMATION ON WHEELCHAIR RAMP LOCATION, DESIGN VISIBILITY AND TEXTURE MAY BE FOUND IN THE CURRENT EDITION OF THE TEXAS ACCESSIBILITY STANDARDS (TAS) PREPARED AND ADMINISTERED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATION (TDLR).

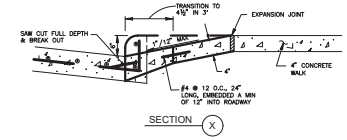
RESEEN EXISTING

D DEFORMED BARS, FOR

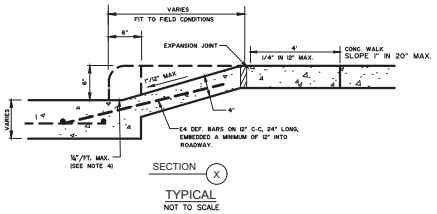
WHEELCHAIR RAMP DETAIL
NOT TO SCALE



3 ASPHALT HEADER AT EXIST.



EXISTING CONCRETE PAVEMENT CONSTRUCTION
NOT TO SCALE



TYPICAL
NOT TO SCALE

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