

CITY OF LAVON, TEXAS
ORDINANCE NO. 2023-11-09

Update to Standard Construction Details

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LAVON, TEXAS AMENDING ARTICLE 9.01 OF THE CITY OF LAVON CODE OF ORDINANCES – PUBLIC WORKS CONSTRUCTION, SECTION 9.01.001 (A)(2) ADOPTION OF STANDARDS SUBSECTION TO CLARIFY THE LABELING OF TYPICAL STREET SECTIONS IN THE CITY’S STANDARD CONSTRUCTION DETAILS, PROVIDING A REPEALER CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING FOR A PENALTY OF FINE NOT TO EXCEED THE SUM OF TWO THOUSAND DOLLARS (\$2,000.00); AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City of Lavon, Texas (the “City”) is a home rule municipality; and

WHEREAS, Section 51.012 of the Texas Local Government Code authorizes a municipality to adopt ordinances necessary for the government, interest, welfare, or good order of the municipality; and

WHEREAS, it is the desire of the City Council of the City to adopt an update to the standardized construction details for public infrastructure to update the labeling of typical street sections for clarity and for consistency with the adopted Master Thoroughfare Plan; and

WHEREAS, the City Council finds that adoption of these standards facilitates proper construction standards and inspection activities by the City relating to construction within the City of Lavon, Texas; and

WHEREAS, the City Council conducted a public hearing on November 7, 2023 to receive input regarding the proposed update to the Standard Construction Details;

WHEREAS, the City Council finds that this Ordinance substantially advances the public health, safety, and general welfare of the citizens of the City, and healthful development of the municipality.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LAVON, TEXAS, THAT:

Section 1. Incorporation of Recitals. The foregoing recitals hereby are incorporated by reference and made a part hereof as if fully set forth.

Section 2. Amendment to Code of Ordinances. Chapter 9 “Planning and Development Regulations”, Article 9.01 “Public Works Construction”, Section 9.01.001 (a) “Adoption of Standards” (2) of the City’s Code of Ordinances is hereby amended to incorporate the update to the Standard Construction Details as provided in Exhibit A, attached hereto and incorporated herein for all purposes.

Section 3. Severability Clause. It is hereby declared to be the intention of the City Council that the phrases, clauses, sentences, paragraphs, and sections of this Ordinance are severable, and if any

phrase, clause, sentence, paragraph, or section of this Ordinance shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences paragraphs, and sections of this Ordinance, since the same would have been enacted by the City Council without the incorporation of this Ordinance of any such unconstitutional phrase, clause, sentence, paragraph, or section.

Section 4. Savings/Repealing. All provisions of any ordinance in conflict with this Ordinance are hereby repealed to the extent they are in conflict; but such repeal shall not abate any pending prosecution for violation of the repealed ordinance, nor shall the repeal prevent a prosecution from being commenced for any violation if occurring prior to the repeal of the ordinance. Any remaining portions of said ordinances shall remain in full force and effect.

Section 5. Penalty. A violation of any provisions of this article shall be deemed to be a misdemeanor and, upon conviction of such violation, shall be punishable by a fine as provided in section Article 9.02 and Section 1.01.009 of the City of Lavon Code of Ordinances. Each day on which the provisions of this Ordinance are violated shall constitute a separate offense.

Section 6. Open Meeting. It is hereby officially found and determined that the meeting at which this ordinance was passed was open to the public as required by law, and that public notice of the time, place, and purpose of said meeting was given, all as required by Section 551.042, Texas Government Code.

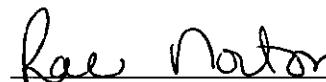
Section 7. Effective Date. This Ordinance shall take effect immediately upon its passage.

DULY PASSED AND APPROVED by the City Council of the City of Lavon, Texas, this 7th day of November 2023.

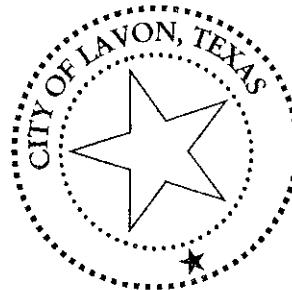


Vicki Sanson, Mayor

ATTEST:



Rae Norton, City Secretary



CITY OF LAVON, TEXAS
ORDINANCE NO. 2023-11-09

EXHIBIT A

STANDARD CONSTRUCTION DETAILS UPDATE

CITY OF LAVON



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DS-PV2	TYPICAL STREET SECTIONS (REV. 11-07-2023)
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STANDARD CONSTRUCTION DETAILS

ADOPTED: MAY 2018
ORD. NO.: 2018-05-01
REVISION: 2019-12-01
REVISION:
REVISION:

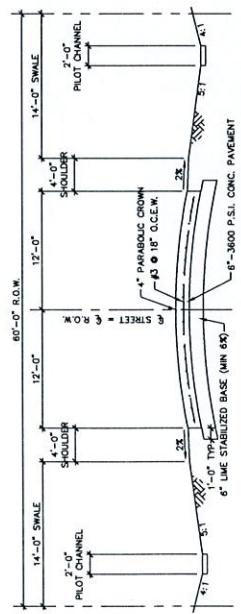
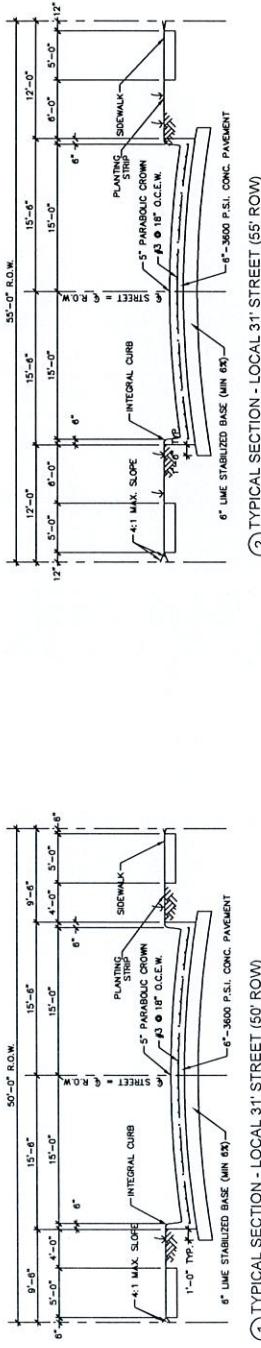


TYPIICAL STREET SECTIONS

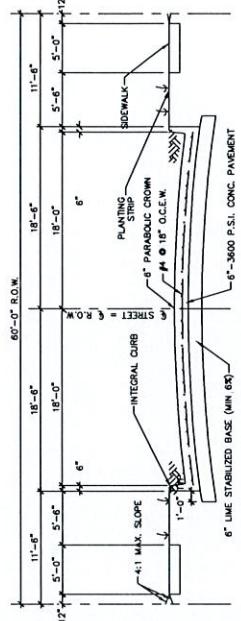
STANDARD CONSTRUCTION DETAILS

CITY OF LAVON

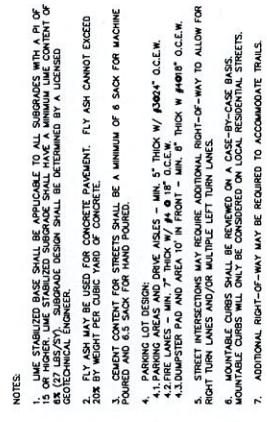
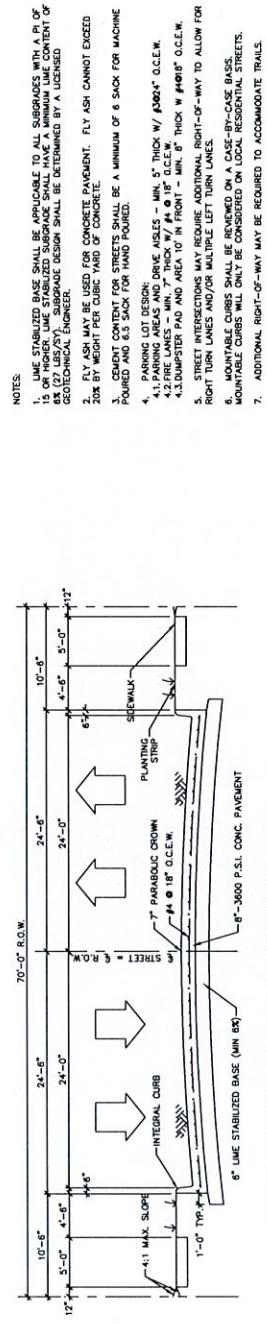
DS-PV1



NOTE: WHERE THIS SECTION IS USED AS A COLLECTOR STREET, PAVEMENT THICKNESS SHALL BE 8" AND REINFORCING STEEL SHALL BE #4 @ 18° O.C.E.W.



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NOTES:

- LINE STABILIZED BASE SHALL BE APPLICABLE TO ALL SUBGRADES WITH A PI OF 15 OR HIGHER. LINE STABILIZED SURFACE SHALL HAVE A MINIMUM LINE CONTENT OF 6X (27 LBS/YD²). SUBGRADE DESIGN SHALL BE DETERMINED BY A LICENSED GEOTECHNICAL ENGINEER.
- FLY ASH MAY BE USED FOR CONCRETE PAVEMENT. FLY ASH CANNOT EXCEED 20% BY WEIGHT PER CUBIC YARD CONCRETE.
- CEMENT CONTENT FOR STREETS SHALL BE A MINIMUM OF 6 SACK FOR MACHINE POURED AND 6.5 SACK FOR HAND POURED.
- PARKING LOT DESIGN:

 - 4.1 PARKING AREAS AND DRIVE AISLES - MIN. 5' THICK W/ #30#4" O.C.E.W.
 - 4.2 FIRE LANES - MIN. 7' THICK W/ #4 @ 18° O.C.E.W.
 - 4.3 DUMPER PAD AND AREA TO FRONT W/ #4 @ 18° O.C.E.W.

- STREET INTERSECTIONS MAY REQUIRE ADDITIONAL RIGHT-OF-WAY TO ALLOW FOR TURN LANES AND/OR MULTIPLE LEFT TURN LANES.
- MOUNTABLE CURBS SHALL BE REMOVED ON CASE-BY-CASE BASIS. MOUNTABLE CURBS WILL ONLY BE CONSIDERED ON LOCAL RESIDENTIAL STREETS.
- ADDITIONAL RIGHT-OF-WAY MAY BE REQUIRED TO ACCOMMODATE TRAILS.

SCALE: NO SCALE
ADOPTED: MAY 2018
FILE NO.: 2018-15-01
REVISION: 2018-12-01
REVISION: 0
ORIGINAL SHEET
SHEET

CITY OF LAVON
COLLIN COUNTY, TEXAS

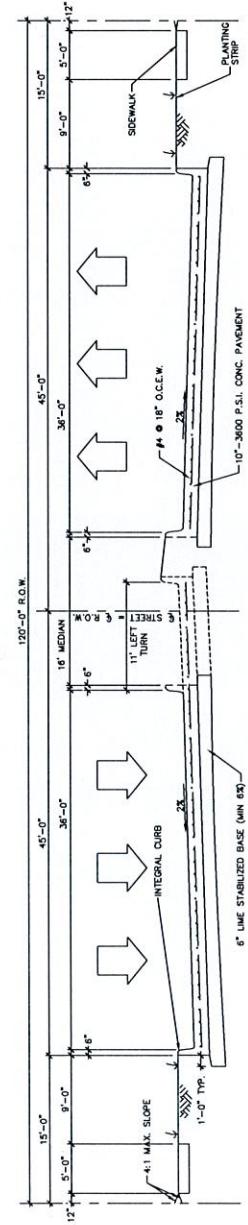
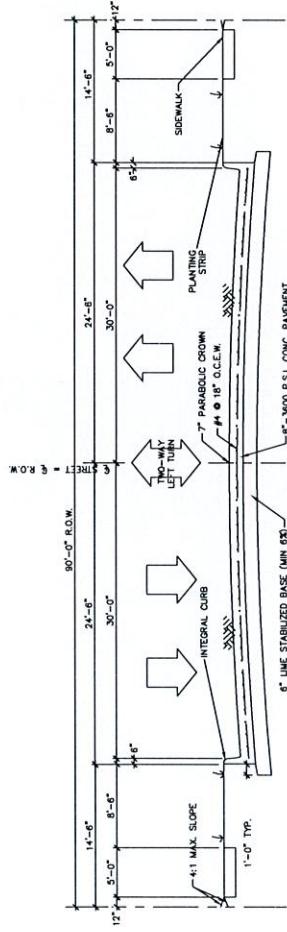
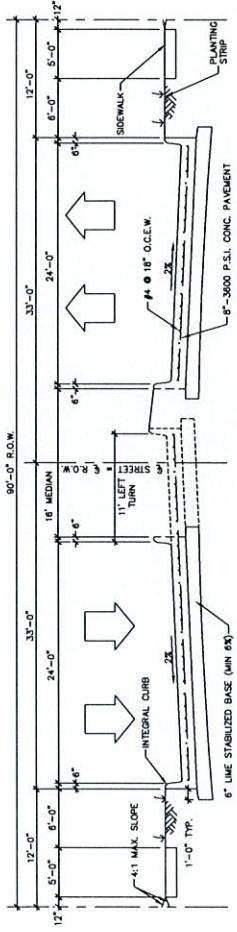


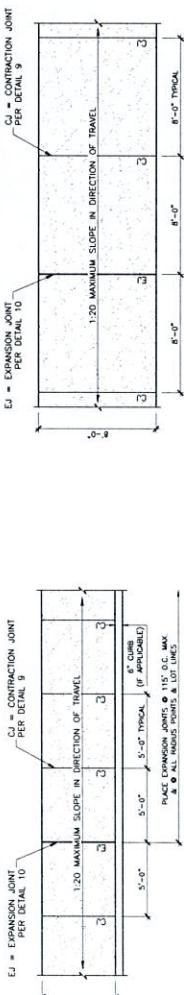
STANDARD CONSTRUCTION DETAILS
CITY OF LAVON
TYPICAL STREET SECTION DETAILS

DS-PV2

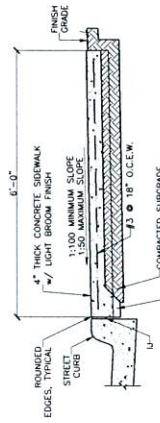
SCALE: NO SCALE
ADOPTED: MAY 2018
DRAFT NO.: 2018-05-01
REVISION: 2019-12-01
REVISION: 0
ORIGINAL SCALE
SHEET

REVISED TILES TO REFLECT MASTER THOROUGHFARE PLAN 11-07-2023

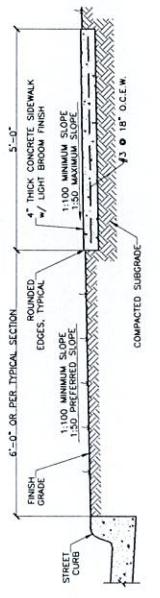




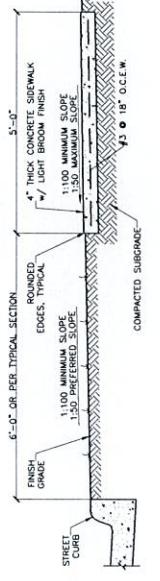
(1) TYPICAL SIDEWALK PLAN
 $1\frac{1}{2}''=1'-0''$



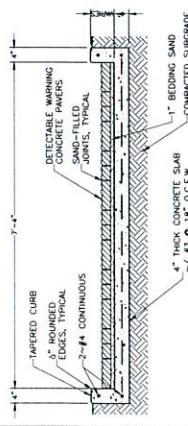
(2) TYPICAL BIKE PATH PLAN
 $1\frac{1}{2}''=1'-0''$



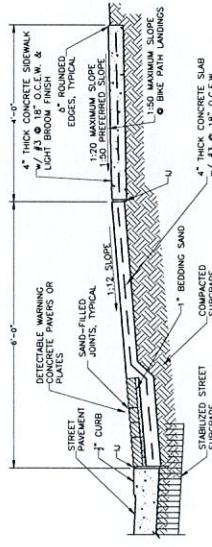
(3) SIDEWALK SECTION - COMMERCIAL ZONE
 $3\frac{1}{4}''=1'-0''$



(4) SIDEWALK SECTION - RESIDENTIAL ZONE
 $3\frac{1}{4}''=1'-0''$



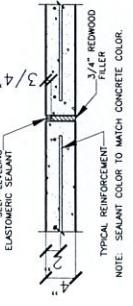
(5) RAMP SECTION
 $3\frac{1}{4}''=1'-0''$



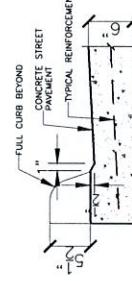
(6) RAMP SECTION
 $3\frac{1}{4}''=1'-0''$



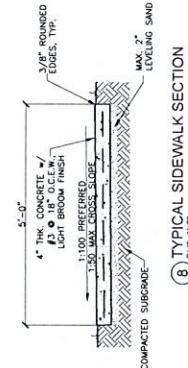
(7) SIDEWALK CONTRACTION JOINT (CJ)
 $1\frac{1}{2}''=1'-0''$



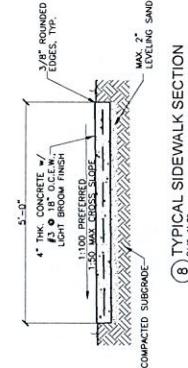
(8) SIDEWALK EXPANSION JOINT (EJ)
 $1\frac{1}{2}''=1'-0''$



(9) CURB AT DRIVEWAY SECTION
 $1\frac{1}{2}''=1'-0''$



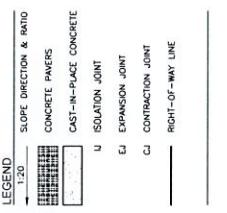
(10) CURB AT DRIVEWAY SECTION
 $1\frac{1}{2}''=1'-0''$



(11) CURB AT DRIVEWAY SECTION
 $1\frac{1}{2}''=1'-0''$

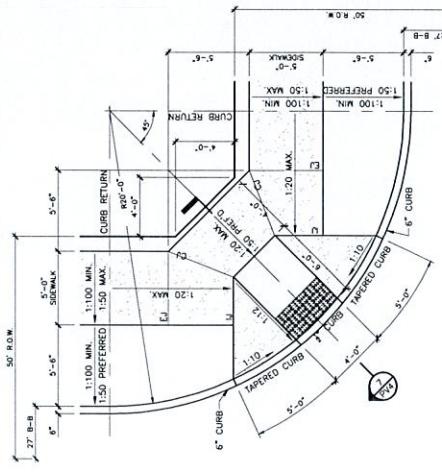
COLLIN COUNTY, TEXAS
STANDARD CONSTRUCTION DETAILS
ACCESIBLE SIDEWALK DETAILS

SCALE: AS NOTED
AUDITED: MAY 2018
ORD. NO.: 2018-05-01
REVISION: 2018-2-0
TECHNICAL
ORIGINAL SCALE
SHEET

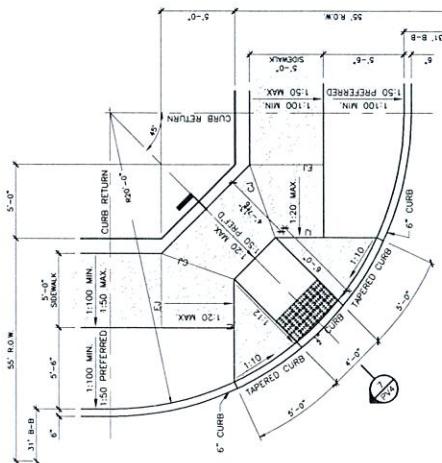


NOTES

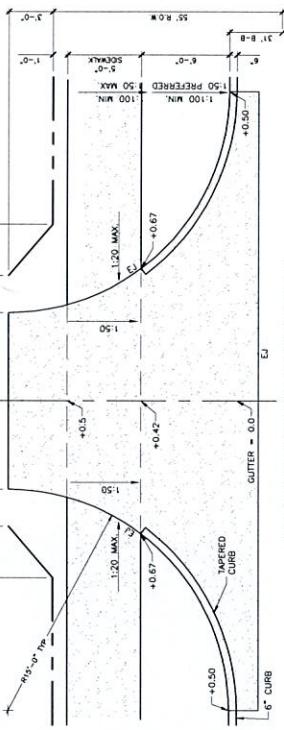
- CONCRETE PAVERS SHALL BE INTEGRALLY COLORED, OR, DETECTABLE WARNING PAVERS, TO PAVEMENT COMPANY OR EQUAL, WITH INTEGRATED TRANSITION COLOR SURFACES SHALL BE CAST WITH INTEGRATED TRANSITION COLOR SURFACES, TEXTURE, METING REQUIREMENTS OF THE TEXAS ACCESSIBILITY STANDARDS FOR DETECTABLE WARNINGS.
- INSTALL PAVERS IN A PARQUET PATTERN AS INDICATED ON THIS SHEET.
- PAVER COLOR SHALL BE RED OR AS DETERMINED BY THE CITY OF LAVON. A COLOR SAMPLE SHALL BE PROVIDED FOR CITY APPROVAL.
- DRIVEWAY APPROACHES SHALL BE 4" MINIMUM THICKNESS, 3,600 PSI CONCRETE WITH 13 REINFORCING BARS AT 18" CENTER-TO-CENTER EACH WAY.
- ALLEY APPROACHES SHALL BE 5" MINIMUM THICKNESS, 3,600 PSI CONCRETE WITH 14 REINFORCING BARS AT 18" CENTER-TO-CENTER EACH WAY.
- PLACE EXPANSION JOINTS BETWEEN DRIVEWAY AND ALLEY APPROACHES AND ADJACENT STREET PAVEMENT.
- LIGHT BROOM FINISH ALL EXPOSED CONCRETE SURFACES.
- EXPOSED AGGREGATE IS NOT AN ACCEPTABLE FINISH FOR EXPOSED CONCRETE.
- DETECTABLE WARNING SURFACE CAN BE CAST IN PLACE PANELS WITH TRUNCATED DOMES IN COMPLIANCE WITH TAS REQUIREMENTS. PAVERS SHALL BE COLORFAST AND UV STABILIZED. MIN COMPRESSIVE STRENGTH OF 28,000 PSI (ASTM C109), FLEXURAL STRENGTH OF 29,000 PSI (ASTM D790), SLIP RESISTANCE OF 1.1B DRY AND 1.05 WET (ASTM C1028).



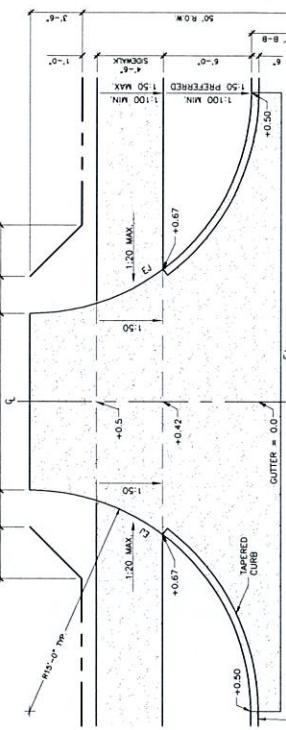
27-FOOT BACK-TO-BACK OF CURB STREET WIDTH



① ACCESSIBLE SIDEWALK @ STREET CORNER
 $14^{\prime}-10^{\prime}$

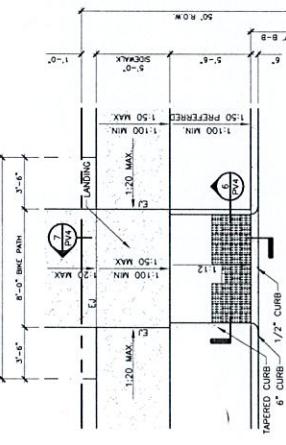


② TYPICAL RESIDENTIAL DRIVEWAY APPROACH w/ ACCESSIBLE SIDEWALK
 $14^{\prime}-10^{\prime}$



27-FOOT BACK-TO-BACK OF CURB STREET WIDTH

③ ACCESSIBLE SIDEWALK @ BIKE PATH CROSSING
 $14^{\prime}-10^{\prime}$



27-FOOT BACK-TO-BACK OF CURB STREET WIDTH

④ TYPICAL ALLEY APPROACH w/ ACCESSIBLE SIDEWALK CROSSING
 $14^{\prime}-10^{\prime}$

SCALE: AS NOTED
ADOPTED: MAY 2010
OHD: NO. 2010-000
REVISION: 2011-1-10
REVISION: 2011-1-10
ORIGINAL SCALE
SHEET 1 OF 1

