

MONTROSE REDEVELOPMENT AUTHORITY/ TIRZ 27

CHERRYHURST SIDEWALK IMPROVEMENTS

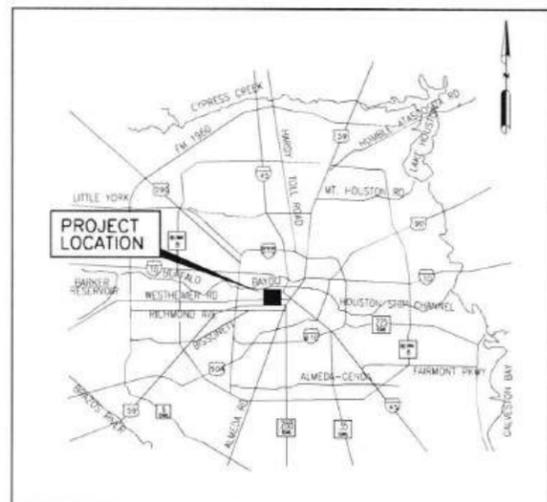
WBS No. N-T27000-0014-7

ON BEHALF OF TAX INCREMENT REINVESTMENT ZONE NO. 27

SEPTEMBER 2025

MAYOR JOHN WHITMIRE

CONTROLLER CHRIS HOLLINS



VICINITY MAP
N.T.S.



LOCATION MAP

KEY MAP No. 492V, 492R, 493N, 492S
GIMS MAP No. 5356A, 5357C

TDLR EABPR TABS2025020177

DISTRICT COUNCIL MEMBERS

- | | | | |
|--------------------------------|---------------------------------|-----------------------------------|-------------------------------------|
| AMY PECK
DISTRICT A | TARSHA JACKSON
DISTRICT B | ABBIE KAMIN
DISTRICT C | CAROLYN EVANS-SHABAZZ
DISTRICT D |
| FRED FLICKINGER
DISTRICT E | TIFFANY D. THOMAS
DISTRICT F | MARY NAN HUFFMAN
DISTRICT G | MARIO CASTILLO
DISTRICT H |
| JOAQUIN MARTINEZ
DISTRICT I | EDWARD POLLARD
DISTRICT J | MARTHA CASTEX-TATUM
DISTRICT K | |

COUNCIL MEMBERS AT-LARGE

- | | |
|------------------------------|-------------------------------|
| JULIAN RAMIREZ
POSITION 1 | WILLIE DAVIS
POSITION 2 |
| TAWILA CARTER
POSITION 3 | LETITIA PLUMMER
POSITION 4 |
| SALLIE ALCORN
POSITION 5 | |



NO.	DATE	REVISION	APP.

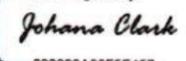

MONTROSE REDEVELOPMENT AUTHORITY
 TIRZ 27


Gauge ENGINEERING
 11750 Katy Freeway, Suite 400
 Houston, TX 77079
 www.GaugeEngineering.com
 Texas PE Firm Reg. #F-20017


 DAVID G. GREANEY
 LICENSED PROFESSIONAL ENGINEER
 No. 125563
 State of Texas
 Gauge Engineering, LLC
 Texas Registered Engineering Firm F-20017
 09/26/2025

SURVEYED BY: AMANI ENGINEERING

NOTE: CITY SIGNATURE VALID FOR ONE YEAR ONLY, AFTER DATE OF SIGNATURE

DocuSigned by:

 808096A38F5E457...
 DIRECTOR OF HOUSTON PUBLIC WORKS
 DATE: 9/29/2025

Pen Table: TX*Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer CE\Config\ation\2022\WorkSpaces\TXDOT\Printing\plcfcg\pdf-c.plcfcg
 Plotted on: 9/24/2025 6:12:24 PM eUSERe

INDEX OF SHEETS

SHEET	GENERAL
1	COVER SHEET AND VICINITY MAP
2	INDEX OF SHEETS
3	GENERAL CONSTRUCTION NOTES
4	PRIVATE UTILITY NOTES
5	SYMBOLS
6	PROJECT LAYOUT AND MITIGATION SUMMARY
7	EXISTING TYPICAL SECTIONS
8	PROPOSED TYPICAL SECTIONS
TRAFFIC CONTROL PLANS	
9	SEQUENCE OF CONSTRUCTION AND NARRATIVE
10	TCP NOTES CHANNELIZING DEVICES AND BARRICADES
11	TCP ONE LANE CLOSURE
12	TCP TYPICAL DETOUR ROUTING WITH ONE LANE CLOSURE (ONE BLOCK)
13	CROSSWALK CLOSURES AND PEDESTRIAN DETOURS
ROADWAY PLANS	
14	HORIZONTAL CURVE DATA
15	DUNLAVY STREET DEMOLITION LAYOUT
16	RALPH STREET DEMOLITION LAYOUT
17 - 18	MANDELL STREET DEMOLITION LAYOUT
19 - 20	YUPON STREET DEMOLITION LAYOUT
21 - 22	CALIFORNIA STREET DEMOLITION LAYOUT
23 - 24	CHERRYHURST STREET DEMOLITION LAYOUT
25 - 26	FAIRVIEW STREET DEMOLITION LAYOUT
27 - 28	HAYER STREET DEMOLITION LAYOUT
29 - 30	MISSOURI STREET DEMOLITION LAYOUT
31	WINDSOR STREET DEMOLITION LAYOUT
32	DUNLAVY STREET SIDEWALK IMPROVEMENTS
33	RALPH STREET SIDEWALK IMPROVEMENTS
34 - 35	MANDELL STREET SIDEWALK IMPROVEMENTS
36 - 37	YUPON STREET SIDEWALK IMPROVEMENTS
38 - 39	CALIFORNIA STREET SIDEWALK IMPROVEMENTS
40 - 41	CHERRYHURST STREET SIDEWALK IMPROVEMENTS
42 - 43	FAIRVIEW STREET SIDEWALK IMPROVEMENTS
44 - 45	HAYER STREET SIDEWALK IMPROVEMENTS
46 - 47	MISSOURI STREET SIDEWALK IMPROVEMENTS
48	WINDSOR STREET SIDEWALK IMPROVEMENTS
ROADWAY STANDARDS	
49 - 54	SIDEWALK STANDARDS
55 - 56	DRIVEWAY STANDARDS
49 - 58	DRAINAGE STANDARDS
59	CONCRETE CURB WALL DETAIL
TREE PROTECTION PLAN	
60 - 68	TREE PROTECTION PLAN
STORMWATER POLLUTION PREVENTION PLAN	
69	STORM WATER POLLUTION PREVENTION PLAN
70	STORM WATER POLLUTION PREVENTION PLAN DETAILS
71	CONSTRUCTION SIGN

No.	DATE	REVISIONS



MONTROSE
TX INCREMENT REINVESTMENT ZONE 27



Gauge
ENGINEERING
TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079



DAVID G. GREANEY
125563
LICENSED PROFESSIONAL ENGINEER

SURVEYED BY:
AMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

INDEX OF SHEETS

SHEET 1 OF 1

WBS NUMBER: N-127000-00-1

DRAWING SCALE: AS NOTED

CITY OF HOUSTON DESIGNER: JADA HUANG

SHEET NO. 2 OF

Design File Name: H:\187-27\1320-Cherryhurst Sidewalk Improvements\4-0-Production-Working\4-1-CAD\General\1320 - INDEX SHEET.dgn

GENERAL CONSTRUCTION NOTES (WITHIN CITY OF HOUSTON ROW)

- 1. UNLESS OTHERWISE NOTED AND APPROVED ON DRAWINGS, CONSTRUCT CIVIL INFRASTRUCTURE IN ACCORDANCE WITH THE EFFECTIVE EDITION OF THE HOUSTON PUBLIC WORKS STANDARD CONSTRUCTION SPECIFICATIONS...
2. THE DESIGN MUST BE CONSISTENT WITH THE EFFECTIVE EDITION OF HOUSTON PUBLIC WORKS INFRASTRUCTURE DESIGN MANUAL AND TCEO (TEXAS COMMISSION ON ENVIRONMENTAL QUALITY) REQUIREMENTS.
3. THE GEOTECHNICAL INVESTIGATION FOR THIS PROJECT WAS CONDUCTED IN ACCORDANCE WITH CHAPTER 11 OF THE LATEST EDITION OF THE PUBLICATION INFRASTRUCTURE DESIGN MANUAL, PUBLISHED BY HOUSTON PUBLIC WORKS...
4. UTILITIES PRESENTED ON THESE DRAWINGS ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS IN THE FIELD PRIOR TO COMMENCING CONSTRUCTION...
5. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO EXISTING WATER, WASTEWATER, STORM WATER LINES AND TRAFFIC CONTROL DEVICES...
6. CONTRACTOR SHALL NOTIFY THE OFFICE OF THE CITY ENGINEER, HOUSTON PUBLIC WORKS...
7. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITIONS OR BETTER AND TO THE SATISFACTION OF THE OWNING AUTHORITY.
8. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS AND TREES ALONG THE AREA OF EXCAVATION.
9. CONTRACTOR SHALL COMPLY WITH LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LAWS CONCERNING EXCAVATION.
10. CONTRACTOR SHALL MAINTAIN A SET OF REDLINE DRAWINGS AND RECORD AS-BUILT CONDITIONS DURING CONSTRUCTION...
11. CONTRACTOR SHALL UNDERTAKE SIDEWALK RECONSTRUCTION ON BOTH SIDES OF THE STREET SIMULTANEOUSLY, NOR RECONSTRUCT ALL FOUR CORNERS AT AN INTERSECTION AT THE SAME TIME...
12. CONTRACTOR SHALL PROVIDE ADVANCE NOTIFICATION TO AFFECTED RESIDENTS PRIOR TO COMMUNICATING ANY REMOVAL OR RECONSTRUCTION ACTIVITIES THAT MAY IMPACT DRIVEWAY ACCESS...

TRAFFIC NOTES

- CONTRACTOR OR OWNER SHALL SUBMIT TRAFFIC CONTROL PLANS WITH THE MOBILITY PERMIT APPLICATION. THE PLANS SHALL BE DRAWN TO SCALE AND SEALED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS.
THE GENERAL NOTES THAT SHALL BE INCLUDED ON THE TRAFFIC CONTROL PLAN CAN BE FOUND IN CHAPTER 15 (15.12 TRAFFIC CONTROL PLAN) OF THE CITY OF HOUSTON'S (CITY) INFRASTRUCTURE DESIGN MANUAL (IDM). BELOW ARE SEVERAL KEY NOTES FROM THE IDM TO BE AWARE OF:
1. THE CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) LATEST EDITION WITH REVISIONS DURING THE ENTIRE CONSTRUCTION PERIOD.
2. NO WORK SHALL BE PERFORMED IN RESIDENTIAL AREAS FROM 7:00PM TO 7:00AM.
3. CONTRACTOR SHALL MAINTAIN APPROVED NUMBER OF LANES OF TRAFFIC IN EACH DIRECTION DURING CONSTRUCTION WORKING HOURS. TRAFFIC CONTROL PLANS SHALL INCLUDE ONE-WAY AND/OR DETOUR PLANS. CONTRACTOR SHALL MAINTAIN ADA COMPLAINT PEDESTRIAN ACCESS TO BUS STOPS AND ADEQUATE BUS ACCESS TO THE BUS STOP.
4. CONTRACTOR SHALL COVER OPEN PAVEMENT EXCAVATIONS FOR MINOR UTILITY WORK WITH ANCHORED STEEL PLATES DURING NON-WORKING HOURS, OPEN LANES FOR NORMAL TRAFFIC FLOW WHEN FEASIBLE.
5. CONTRACTOR SHALL SECURE ROADWAY/SIDEWALK/STREET/BICYCLE FACILITY PERMITS AS DESCRIBED IN CITY OF HOUSTON ORDINANCE, CHAPTER 40 STREETS & SIDEWALKS, SECTION 40-361 FROM HOUSTON PERMITTING CENTER (MOBILITY PERMIT SECTION AT https://geohub.houston.gov) BEFORE IMPLEMENTING THE TRAFFIC CONTROL PLAN. THE APPLICATION MUST BE SUBMITTED AT LEAST TEN BUSINESS DAYS PRIOR TO THE IMPLEMENTATION OF THE TRAFFIC CONTROL PLAN AND/OR BEGINNING CONSTRUCTION WORK. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PLANS, CONSTRUCTION SEQUENCING, AND CONSTRUCTION SCHEDULE WITH THE APPLICATION.
6. CONTRACTOR SHALL HAVE APPROVED TRAFFIC CONTROL PLAN AND PERMIT AT THE JOB SITE FOR INSPECTION AT ALL TIMES

- 7. ACCESS TO DRIVEWAYS ADJACENT TO THE CONSTRUCTION WORK ZONE SHALL BE MAINTAINED AT ALL TIMES AS MUCH AS POSSIBLE. ADDITIONAL CONES AND/OR DELINEATORS MAY BE REQUIRED TO DELINEATE THE DRIVEWAY ACCESS ROUTE THROUGH THE CONSTRUCTION WORK ZONE. A MINIMUM OF ONE TRAVEL LANE SHALL BE MAINTAINED ACROSS THE DRIVEWAY, UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE CITY OF HOUSTON.
ADDITIONAL OFF DUTY POLICE OFFICERS/FLAGGERS MAY BE REQUESTED TO DIRECT TRAFFIC WHEN LANES ARE BLOCKED AT THE DIRECTION OF THE CITY EVEN IF THEY ARE NOT SPECIFICALLY IDENTIFIED ON THE PROJECT PLANS.

STORM NOTES

- 1. STORM SEWER SHALL BE REINFORCED CONCRETE PIPE (C-76, CLASS III), AND SHALL BE INSTALLED, BEDDED, AND BACK FILLED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAWING NOS. 02317-02, 02317-3, 02317-05, 02317-06, AND 02317-07 (JULY 2019) AS APPLICABLE UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
2. ALL STORM SEWER CONSTRUCTED IN SIDELOT EASMENT SHALL BE R.C.P (C-76, CLASSIII) AND SHALL BE EMBEDDED IN ACCORDANCE WITH THE CITY OF HOUSTON DRAWING NOS. 02317-02, 02317-03, 02317-05, 02317-06, AND 02317-07 AS APPLICABLE.
3. ALL SEWER UNDER PROPOSED OR FUTURE PAVEMENT AND TO A POINT ONE (1) FOOT BACK OF ALL PROPOSED OR FUTURE CURBS SHALL BE BACKFILLED WITH 1-1/2 SACK CEMENT/C.Y. STABILIZED SAND TO WITHIN ONE (1) FOOT OF SUBGRADE. THE REMAINING DEPTH OF TRENCH SHALL BE BACKFILLED WITH SUITABLE EARTH MATERIAL.
4. ALL TRENCH BACKFILL SHALL BE IN 8" LIFTS, WITH TESTS TAKEN AT 100 FOOT INTERVALS IN EACH LIFT, AND MECHANICALLY COMPACTED TO A DENSITY OF NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR COMACTION TEST (ASTM D-698/AASHTO T99).
5. CIRCULAR AND ELLIPTICAL REINFORCED CONCRETE PIPE SHALL BE INSTALLED USING RUBBER GASKET JOINT CONFORMING TO ASTM C443 AND ASTM C877 RESPECTIVELY.
6. ALL STORM SEWER PIPES AND INLET LEADS SHALL BE 24" AND LARGER R.C.P. (C-76, CLASSIII).
7. ALL PROPOSED PIPE STUB-OUTS FROM MANHOLES AND INLET LEADS ARE TO BE PLUGGED WITH 8" BRICK WALLS UNLESS OTHERWISE NOTED.
8. MINIMUM HORIZONTAL CLEARANCE BETWEEN ANY STORM PIPE AND BOX SHALL BE AT LEAST 48-INCHES FROM EXTERIOR OF THE STORM PIPE OR BOX TO THE EXTERIOR OF THE EXISTING OR PROPOSED PUBLIC OR PRIVATE UTILITY AND OTHER APPURTENANCES. MINIMUM VERTICAL CLEARANCE BETWEEN ANY STORM PIPE AND BOX SHALL BE AT LEAST 24-INCHES FROM EXTERIOR OF THE STORM PIPE OR BOX TO THE EXTERIOR OF THE EXISTING OR PROPOSED PUBLIC OR PRIVATE UTILITY AND OTHER APPURTENANCES.
9. ADJUST MANHOLE COVERS TO GRADE CONFORMING TO REQUIREMENTS OF SECTION 02086-ADJUSTING MANHOLES, INLETS, AND VALVE BOXES TO GRADE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, MAINTAINING, AND RESTORING ANY BACK SLOPE DRAINAGE SYSTEM DISTURBED AS A RESULT OF THIS WORK.
11. ALL DITCHES SHALL BE GRADED TO PROPOSED ELEVATIONS TO INSURE PROPER DRAINAGE. ALL OUTFALLS SHALL BE PROPERLY BACKFILLED AND COMPACTED. ALL DISTURBED AREA SHALL BE REGRADED, SEEDED, AND FERTILIZED.
12. ALL DRIVEWAYS WILL BE LOCATED TO AVOID EXISTING CURB INLET STRUCTURES.

GRADING NOTES

- 1. GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE STARTING CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
2. BEFORE STARTING CONSTRUCTION, CONTRACTOR SHALL VERIFY BENCHMARK ELEVATION AND NOTIFY ENGINEER IF ANY DISCREPANCY AND/OR CONFLICT IS FOUND.
3. CONTRACTOR SHALL ENSURE THERE IS POSITIVE DRAINAGE FROM THE PROPOSED BUILDINGS AND NO PONDING IN PAVED AREAS, AND SHALL NOTIFY ENGINEER IF ANY GRADING DISCREPANCIES ARE FOUND IN THE EXISTING AND PROPOSED GRADES PRIOR TO PLACEMENT OF PAVEMENT OR UTILITIES.
4. CONTRACTOR SHALL PROTECT ALL MANHOLE COVERS, VALVE COVERS, VAULT LIDS, FIRE HYDRANTS, POWER POLES, GUY WIRES, AND TELEPHONE BOXES THAT ARE TO REMAIN IN PLACE AND UNDISTURBED DURING CONSTRUCTION.
5. ALL EXISTING CONCRETE PAVING, SIDEWALK, AND CURB DEMOLITION SHALL BE REMOVED AND DISPOSED OF BY CONTRACTOR. DISPOSAL SHALL BE AT AN APPROVED OFF-SITE, LAWFUL LOCATION, UNLESS DIRECTED OTHERWISE BY THE OWNER.

SWPPP CONSTRUCTION NOTES

- 1. CONTRACTOR SHALL IMPLEMENT INLET PROTECTION DEVICES AND REINFORCED FILTER FABRIC BARRIER ALONG ROAD AND SIDE DITCHES AT LOCATIONS SHOWN ON THE TYPICAL STORM WATER POLLUTION PREVENTION (SWPPP) PLANS TO KEEP SILT AND OR EXCAVATED MATERIALS FROM ENTERING INTO THE STORM WATER INLETS AND DITCHES EVENTUALLY POLLUTING THE RECEIVING STORM.
2. DURING THE EXCAVATION PHASE OF THE PROJECT, CONTRACTOR SHALL SCHEDULE THE WORK IN SHORT SEGMENTS SO THAT EXCAVATION MATERIAL CAN BE QUICKLY HAULED AWAY FROM THE SITE AND TO PREVENT IT FROM STAYING UNCOLLECTED ON THE EXISTING PAVEMENT. ANY LOOSE EXCAVATED MATERIAL WHICH FALLS ON PAVEMENTS OR DRIVEWAYS SHALL BE SWEEPED BACK INTO THE EXCAVATED AREA.
3. CONTRACTOR SHALL CLEAN UP THE EXISTING STREET INTERSECTIONS AND DRIVEWAYS DAILY, AS NECESSARY, TO REMOVE ANY EXCESS MUD, SILT OR ROCK TRACKED FROM THE EXCAVATED AREA.
4. CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING THE CONSTRUCTION OF THE PROJECT, ALWAYS CLEANING UP DIRT AND LOOSE MATERIAL AS CONSTRUCTION PROGRESSES.
5. CONTRACTOR TO INSPECT AND MAINTAIN THE AREAS LISTED BELOW AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER.
- DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- STRUCTURAL CONTROL MEASURES.
- LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.
6. CONTRACTOR TO BE RESPONSIBLE TO MAINTAIN EXISTING DITCHES AND OR CULVERTS FOR UNOBSTRUCTED DRAINAGE AT ALL TIMES. WHERE SODDING IS DISTURBED BY EXCAVATION ON BACKFILLING OPERATIONS, SUCH AREAS SHALL BE REPLACED BY SEEDING OR SODDING. SLOPES 4:1 OR STEEPER SHALL BE REPLACED BY BLOCK SODDING.

STREET AND BRIDGE NOTES

- 1. FILL AREAS ON PLANS SHALL BE FILLED IN LAYERS NOT EXCEEDING 8" IN DEPTH AND EACH COMPACTED TO NOT LESS THAN 95% STANDARD PROCTOR DENSITY PRIOR TO INSTALLATION OF WATER LINE AND FILL AREA SHALL BE SEEDED AND FERTILIZED WITHIN 10 WORKING DAYS.
2. UTILITY CONTRACTOR SHALL PROVIDE TEMPORARY SILT BARRIER FENCE ON ALL NON-CURBED INLETS WHICH WILL REMAIN IN PLACE AFTER UNDERGROUND CONTRACT IS COMPLETE.
3. CONTRACTOR SHALL PROVIDE SILT BARRIER FENCE ON ALL STAGE 1 CURB INLETS.
4. EXISTING PAVEMENTS, CURBS, DRIVEWAYS, AND SIDEWALKS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED TO CITY OF HOUSTON STANDARDS, WITH LATEST ADDENDA AND AMENDMENTS THERETO.
5. CONDITION OF THE ROAD AND/OR RIGHT-OF-WAY UPON COMPLETION OF JOB SHALL BE AS GOOD AS OR BETTER THAN PRIOR TO STARTING WORK.
6. EXPOSED 15" OF REINFORCING STEEL AT PROPOSED SAWED JOINT IF NO REINFORCING STEEL EXISTS, USE HORIZONTAL DOWELS. HORIZONTAL DOWELS SHALL BE #6 BARS 24" LONG 24"C-C DRILLED AND EMBEDDED 8" INTO THE CENTER OF THE EXISTING SLAB WITH "PO ROC" OR EQUAL.
7. WHEELCHAIR RAMPS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF HOUSTON STANDARDS AT ALL INTERSECTIONS WHERE SIDEWALKS EXIST AND THE EXISTING CURB OR SIDEWALK IS DAMAGED OR REMOVED DURING CONSTRUCTION.
8. PRIOR TO STREET CONSTRUCTION, THE CONTRACTOR SHALL CONTACT HOUSTON PUBLIC WORKS AT (PHONE) 832-394-9578 AND COMPLY WITH ALL REQUIREMENTS FOR THE ISSUANCE OF NECESSARY PERMITS/WORK ORDERS FOR STREET CONSTRUCTION.
9. DOUBLE REFLECTORIZED BLUE TRAFFIC MARKERS SHALL BE PLACED 6-INCHES OFFSET OF THE CENTERLINE OF ALL FIRE HYDRANT LOCATIONS BY THE PAVING CONTRACTOR. HYDRANTS LOCATED AT INTERSECTIONS SHALL HAVE A BUTTON PLACED ON EACH STREET.

SMALL SIGN NOTES

- 1. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY EXISTING TRAFFIC AND STREET SIGNS THAT THE PROJECT WILL AFFECT TO DOCUMENT WHAT SIGNS EXIST AND THEIR LOCATION. NO SEPARATE PAY.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR SAFE-GUARDING EXISTING SIGNS SO THAT THEY EITHER CONTINUE TO REMAIN VISIBLE AND UPRIGHT IN THE FIELD OR ARE COLLECTED AND STORED IN A SECURED AREA WHEN TEMPORARY SIGNS ARE USED IN LIEU OF EXISTING SIGNS. RE-INSTALLATION MAY REQUIRE A DIFFERENT GROUND MOUNT OR SIGN BASE. NO SEPARATE PAY.

METRO's Notes for Work Adjacent to Bus Stops

- 1. The Contractor shall be responsible for repairs to any METRO facilities damaged during construction. If the Contractor cannot immediately make the repairs to METRO's satisfaction, METRO will make the repairs and bill the cost to the Contractor.
2. Prior to construction the Contractor shall verify in the field that there are no conflicts with our electrical power, fiber optics, communication, signaling, high voltage cables or any other METRO infrastructure.
3. The Contractor shall "hand excavate" in the vicinity of communication and power lines feeding the METRO system.
4. The Contractor shall contact the Director of Universal Accessibility, Tim Mills by email at TM14@rdemetro.org or by phone 713-739-6861 one week prior to construction. METRO may assign an inspector to assure no damages are made to METRO's facilities. Universal Accessibility will coordinate any permanent or temporary impact on bus stops, shelters and sidewalk to maintain accessibility.
5. The Contractor shall contact METRO Bus Operations a minimum of ten (10) working days prior to construction impacting bus stops and bus routes. The contact information is Carl Taylor, Carl.Taylor@rdemetro.org 713-615-7219 or Shirley Mitchell, Shirley.Mitchell@rdemetro.org 713-615-7212.
6. The Contractor shall provide temporary bus stop facilities needed, except for bus stop signs, at no cost to METRO and shall restore any affected bus stops per COH IDM and meet current American Disability Act (ADA) requirements as required by local, state and federal code and requirements. No bus stop shall be permanently removed without approval from METRO.

MONROSE TITLE INVESTMENT GROUP INC. Gauge ENGINEERING TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, #400 HOUSTON, TX 77079 SURVEYED BY: AMANI ENGINEERING CITY OF HOUSTON HOUSTON PUBLIC WORKS CHERRYHURST SIDEWALK IMPROVEMENTS GENERAL CONSTRUCTION NOTES SHEET 1 OF 1 WBS NUMBER: N-127000-14-7 DRAWING SCALE: AS SHOWN CITY OF HOUSTON JADA HUANG SHEET NO. 3 OF 80875

Pen Table: Tx+Pen.tbl Plot Driver: M:\Bentley\OpenRoads Designer\CE\Configure\ion\2022\Workspaces\TXDOT\Printing\p1ctf\c-p1ctf.c Plot Date: 9/23/2025 12:08:12 PM \$USER\$

Table with 2 columns: No., Date. Row 1: 1, 09/23/2025. Row 2: 2, 09/23/2025. Row 3: 3, 09/23/2025. Row 4: 4, 09/23/2025. Row 5: 5, 09/23/2025.

Vertical text on the right edge: 271320-Cherryhurst-Sidewalk-Improvement-s14-0-Production-Working-4-1-CAD\General\1320 - GENERAL NOTES 01.dgn

Pen Table: T:\Pen.tbl
Plot Drivers: M:\Bentley\OpenRoads Designer CE\Config\Plot\2022\WorkSpaces\TXDOT\Printing\p11cfcg\pdf-c.dwtcfcg
Plotted on: 6/11/2025 4:20:21 PM \$USER\$

PRIVATE UTILITY NOTES:

AT&T TEXAS/SWBT FACILITIES:

1. THE LOCATIONS OF AT&T TEXAS/SWBT FACILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL CALL 1-800-344-8377 (TEXAS 811) A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE UNDERGROUND LINES FIELD LOCATED.
3. WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF AT&T TEXAS/SWBT FACILITIES, ALL EXCAVATIONS MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES. WHEN BORING, THE CONTRACTOR SHALL EXPOSE THE AT&T TEXAS/SWBT FACILITIES.
4. WHEN AT&T TEXAS/SWBT FACILITIES ARE EXPOSED, THE CONTRACTOR WILL PROVIDE SUPPORT TO PREVENT DAMAGE TO THE CONDUIT DUCTS OR CABLES. WHEN EXCAVATING NEAR TELEPHONE POLES THE CONTRACTOR SHALL BRACE THE POLE FOR SUPPORT.
5. THE PRESENCE OR ABSENCE OF AT&T TEXAS/SWBT UNDERGROUND CONDUIT FACILITIES OR BURIED CABLE FACILITIES SHOWN ON THESE PLANS DOES NOT MEAN THAT THERE ARE NO DIRECT BURIED CABLES OR OTHER CABLES IN CONDUIT IN THE AREA.
6. PLEASE CONTACT THE AT&T TEXAS DAMAGE PREVENTION MANAGER KEVIN RAY AT (813) 614-1983 OR EMAIL HIM AT KR7896@ATT.COM IF CABLE LOCATE REQUESTS ARE NOT COMPLETED FOR OUR AT&T TEXAS/SWBT FACILITIES.

CENTERPOINT ENERGY NOTES:

CAUTION: UNDERGROUND GAS FACILITIES

1. THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT 1-800-545-6005 OR 811 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.
 - WHEN CENTERPOINT ENERGY PIPELINE MARKINGS ARE NOT VISIBLE, CALL 713-207-5463 OR 713-945-8037 (7:00 AM TO 4:30 PM) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION BEGINS.
 - WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF CENTERPOINT ENERGY FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES.
 - WHEN CENTERPOINT ENERGY FACILITIES ARE EXPOSED, SUFFICIENT SUPPORT MUST BE PROVIDED TO THE FACILITIES TO PREVENT EXCESSIVE STRESS ON THE PIPING.
 - FOR EMERGENCIES REGARDING GAS LINES CALL 713-659-2111 OR 713-207-4200
2. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.

WARNING: OVERHEAD ELECTRICAL LINES:

1. OVERHEAD LINES MAY EXIST ON THE PROPERTY. THE LOCATION OF OVERHEAD LINES HAS NOT BEEN SHOWN ON THESE DRAWINGS AS THE LINES ARE CLEARLY VISIBLE, BUT YOU SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE FORBIDS ACTIVITIES THAT OCCUR IN CLOSE PROXIMITY TO HIGH VOLTAGE LINES, SPECIFICALLY:
 - ANY ACTIVITY WHERE PERSONS OR THINGS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES; AND
 - OPERATING A CRANE, DERRICK, POWER SHOVEL, DRILLING RIG, PILE DRIVER, HOISTING EQUIPMENT, OR SIMILAR APPARATUS WITHIN 10 FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES.
2. PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTORS, ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. TO ARRANGE FOR LINES TO BE TURNED OFF OR REMOVED CALL CENTERPOINT ENERGY AT 713-207-2222.

ACTIVITIES ON/OR ACROSS CENTERPOINT ENERGY FEE OR EASEMENT PROPERTY

1. NO APPROVAL TO USE, CROSS, OR OCCUPY NO CENTERPOINT FEE OR EASEMENT PROPERTY IS GIVEN. IF YOU NEED TO USE CENTERPOINT PROPERTY, PLEASE CONTACT OUR SURVEYING AND RIGHT OF WAY DIVISION AT (713) 207-6348 OR (713) 207-5769

WARNING: UNDERGROUND ELECTRICAL UTILITIES

THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT 1-800-545-6005 OR 811 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.

- ALL INFORMATION CONCERNING TYPE AND LOCATION UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTORS ARE RESPONSIBLE MAKING THEIR OWN DETERMINATIONS AS TO TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND PIPELINES, CONDUITS, AND STRUCTURES BY CONTACTING OWNERS OF UNDERGROUND UTILITIES OR BY EXCAVATING IN ADVANCE OF CONSTRUCTION.
 - THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES WHEN AND WHERE THEY FALL IN THE PATH OF CONSTRUCTION.
 - THE CONTRACTOR IS ALSO RESPONSIBLE FOR CONTACTING THE UTILITY COORDINATING COMMITTEE AT (713) 223-4567 AND TEXAS ONE CALL AT 1-800-245-4545, FORTY- EIGHT (48) HOURS PRIOR TO ANY CONSTRUCTION.
 - THE LOCATION OF ANY CENTERPOINT ENERGY UTILITIES ARE SHOWN IN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. THEY AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.
- ALL PROPOSED FACILITIES SHALL MAINTAIN 12" CLEAR FROM ALL EXISTING UTILITIES.

NOTICE: FOR YOUR SAFETY, YOU ARE REQUESTED BY TEXAS LAW TO CALL 811 AT LEAST 48 HOURS BEFORE YOU DIG TO HAVE UNDERGROUND LINES OR BE MARKED. THIS SIGNATURE DOES NOT RELIEVE YOU OF YOUR OBLIGATION TO CALL 811.	
VERIFICATION OF PRIVATE UTILITY LINES	
Mike Browne	06/16/25
CenterPoint Energy (underground) facilities shown on these plans are not shown. This signature is to be used for location marking.	
Structure note for all entries.	
Mike Browne	06/16/25
CenterPoint Energy (underground) facilities shown on these plans are not shown. This signature is to be used for location marking.	
Structure note for all entries.	
Approved for AT&T locations where facilities are shown. Signature Date will be on file.	
 ENGINEERING TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, 4400 HOUSTON, TX 77079	 DAVID G. GREANEY 125563 LICENSED ENGINEER
SURVEYED BY: AMANI ENGINEERING 01/12/2025 Gauge Engineering, LLC Texas Registered Engineering Firm F-20017	
CITY OF HOUSTON HOUSTON PUBLIC WORKS	
CHERRYHURST SIDEWALK IMPROVEMENTS	
PRIVATE UTILITY NOTES	
SHEET 1 OF 1	
WBS NUMBER N-127000-02-7	FOR CITY OF HOUSTON USE ONLY
DRAWING TITLE AS NOTED	80875
CITY OF HOUSTON JROD HUNG	
SHEET NO. 4 OF 7	

REGIONS
DATE
NO. DATE
PRIVATE UTILITY.dgn
Improvement 54-D-Production-Work\ng\4-1-CAD\General\1320 -

Pen Table: Tx*Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer - CE\Conf\gation\2022\WorkSpaces\TXDOT\Print\ing\p1tcfq\pdf-c.pltcfq
 Plotted on: 6/6/2025 11:36:08 AM sUsers

EXISTING PLAN VIEW	
	WATER METER
	WATER VALVE (GATE)
	WATER VALVE (BUTTERFLY)
	FIRE HYDRANT/FLUSHING VALVE
	TAPPING SLEEVE & VALVE
	REDUCER
	ROUND CONNECTION
	SANITARY SEWER CLEANOUT & MANHOLE
	STORM SEWER MANHOLE
	STORM SEWER INLETS
	CULVERT PIPE AND HEADWALL
	TOP OF CURB ELEVATION
	GUTTER ELEVATION
	TOP OF PAVEMENT ELEVATION
	CONTOUR LINE
	ROW LINE
	PROPERTY LINE
	LOT LINES
	EASEMENT LINE
	CENTER LINE OF ROW
	TRANSIT LINE
	EDGE OF DITCHES
	CENTER LINE OF DITCHES
	EDGE OF DITCHES
	FENCE LINE, WOOD
	FENCE LINE, CHAIN LINK
	FENCE LINE, BARBED WIRE
	FENCE LINE, HOG WIRE
	EDGE OF CONCRETE
	CURB LINE
	CONCRETE WALK
	EDGE OF ASPHALT
	EDGE OF SHELL OR GRAVEL
	DIMENSION LINE
	AERIAL POWER LINE
	UNDERGROUND POWER LINE
	GAS LINE
	UNKNOWN UNDERGROUND LINE
	OIL PIPELINE
	UNDERGROUND TELCOMM LINE W/ VAULT
	AERIAL TELCOMM LINE
	RAILROAD LINE
	WATER LINE
	SANITARY SEWER LINE
	STORM SEWER LINE
	SANITARY SEWER FORCE MAIN
	RECLAIMED WATER LINE
	NON-POTABLE WATER LINE
	GAS METER
	GAS VALVE
	PROPANE LINE
	STEAM LINE
	MISC UNDERGROUND PIPELINE LABEL

PROPOSED PLAN VIEW	
	WATER METER
	WATER VALVE (GATE)
	WATER VALVE (BUTTERFLY)
	FIRE HYDRANT/FLUSHING VALVE
	TAPPING SLEEVE & VALVE
	REDUCER
	ROUND CONNECTION
	SANITARY SEWER CLEANOUT & MANHOLE
	STORM SEWER MANHOLE
	STORM SEWER INLETS
	CULVERT PIPE AND HEADWALL
	TOP OF CURB ELEVATION
	GUTTER ELEVATION
	TOP OF PAVEMENT ELEVATION
	CONTOUR LINE
	ROW LINE
	PROPERTY LINE
	LOT LINES
	EASEMENT LINE
	CENTER LINE OF ROW
	TRANSIT LINE
	EDGE OF DITCHES
	CENTER LINE OF DITCHES
	EDGE OF DITCHES
	FENCE LINE, WOOD
	FENCE LINE, CHAIN LINK
	FENCE LINE, BARBED WIRE
	FENCE LINE, HOG WIRE
	EDGE OF CONCRETE
	CURB LINE
	CONCRETE WALK
	EDGE OF ASPHALT
	EDGE OF SHELL OR GRAVEL
	DIMENSION LINE
	AERIAL POWER LINE
	UNDERGROUND POWER LINE
	GAS LINE
	UNKNOWN UNDERGROUND LINE
	OIL PIPELINE
	UNDERGROUND TELCOMM LINE W/ VAULT
	AERIAL TELCOMM LINE
	RAILROAD LINE
	WATER LINE
	SANITARY SEWER LINE
	STORM SEWER LINE
	SANITARY SEWER FORCE MAIN
	RECLAIMED WATER LINE
	NON-POTABLE WATER LINE
	GAS METER
	GAS VALVE
	PROPANE LINE
	STEAM LINE
	MISC UNDERGROUND PIPELINE LABEL
	MATCH LINE

EXISTING PLAN VIEW	
	PAVING HEADER
	BUILDING, RESIDENTIAL
	BUILDING, COMMERCIAL
	TREE
	HEDGE
	IRON PIPE OR IRON ROD MONUMENT
	POINT OF INTERSECTION (PI)
	POINT OF CURVE (PC)
	POINT OF TANGENCY (PT)
	POWER POLE
	POWER POLE W/DOWN GUY

EXISTING PROFILE VIEW	
	NORTH OR EAST PROPERTY LINE
	SOUTH OR WEST PROPERTY LINE
	NORTH OR EAST CURB
	SOUTH OR WEST CURB
	NORTH OR EAST DITCH
	SOUTH OR WEST DITCH
	NORTH OR EAST NATURAL GROUND
	SOUTH OR WEST NATURAL GROUND
	NORTH OR EAST CULVERT
	SOUTH OR WEST CULVERT
	CENTERLINE OF ROW
	CENTERPOINT ENERGY CONDUIT
	GAS LINE
	WESTERN UNION
	AT&T CONDUIT
	WATER LINE
	SANITARY SEWER LINE
	STORM SEWER LINE
	SANITARY SEWER FORCE MAIN
	RECLAIMED WATER LINE
	NON-POTABLE WATER LINE
	CENTERPOINT ENERGY MANHOLE
	AT&T MANHOLE
	WATER LINE MANHOLE
	SANITARY SEWER MANHOLE & CLEANOUT
	STORM SEWER MANHOLE
	STORM SEWER INLET

PROPOSED PLAN VIEW	
	PAVING HEADER
	BUILDING, RESIDENTIAL
	BUILDING, COMMERCIAL
	TREE
	HEDGE
	IRON PIPE OR IRON ROD MONUMENT
	POINT OF INTERSECTION (PI)
	POINT OF CURVE (PC)
	POINT OF TANGENCY (PT)
	POWER POLE
	POWER POLE W/DOWN GUY

PROPOSED PROFILE VIEW	
	NORTH OR EAST PROPERTY LINE
	SOUTH OR WEST PROPERTY LINE
	NORTH OR EAST CURB
	SOUTH OR WEST CURB
	NORTH OR EAST DITCH
	SOUTH OR WEST DITCH
	NORTH OR EAST NATURAL GROUND
	SOUTH OR WEST NATURAL GROUND
	NORTH OR EAST CULVERT
	SOUTH OR WEST CULVERT
	CENTERLINE OF ROW
	CENTERPOINT ENERGY CONDUIT
	GAS LINE
	WESTERN UNION
	AT&T CONDUIT
	WATER LINE
	SANITARY SEWER LINE
	STORM SEWER LINE
	SANITARY SEWER FORCE MAIN
	RECLAIMED WATER LINE
	NON-POTABLE WATER LINE
	CENTERPOINT ENERGY MANHOLE
	AT&T MANHOLE
	WATER LINE MANHOLE
	SANITARY SEWER MANHOLE & CLEANOUT
	STORM SEWER MANHOLE
	STORM SEWER INLET

MISC STANDARD ELEMENTS

COH NORTH ARROW

0' 10' 20' 40'

SCALE: 1"=20'

REVISION CLOUD/DELTA

1 VIEW TITLE SCALE: 1:1

1 XX SECTION CALLOUT

1 XX DETAIL CALLOUT

MONTROSE
 THE INFRASTRUCTURE INVESTMENT FUND

Gauge
 ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079

STATE OF TEXAS
 DAVID G. GREANEY
 125563
 LICENSED PROFESSIONAL ENGINEER

SURVEYED BY:
 AMANI ENGINEERING

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

SYMBOLS

SHEET 1 OF 1

WBS NUMBER: N-12/000-04-7
 DRAWING SCALE: 80875
 AS NOTED
 CITY OF HOUSTON
 JADA HUANG
 SHEET NO. 5 OF

C:\Users\jhuang\OneDrive\Documents\Projects\2022\WorkSpaces\TXDOT\Print\ing\p1tcfq\pdf-c.pltcfq
 Improvements\4-0-Product\ion-Working\4-1-CAD\General\1320 - SYMB SHEET.dgn

Pen Table: TX+Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer CE\Configuration\2022\WorkSpaces\TXDOT\Printing\plcfcg\pdf-c.plcfcg
 Plotted on: 9/24/2025 5:36:43 PM

RUNOFF COEFFICIENT ADJUSTMENT TABLE								
Condition	Concrete (AC)	Compacted Ground with Grass (AC)	Coarse Sand Under Sod	Total Area (AC)	C Value			
					Concre	Compacted Ground with	Coarse Sand	Composite C
Existing	0.93	0.35	0.00	1.28	0.90	0.55	0.18	0.80
Proposed	1.11	0.00	0.17	1.28	0.90	0.55	0.18	0.80

Increase in runoff is mitigated with the addition of coarse sand under sod to reduce the C Value equal to or lower than existing.



LEGEND

PROPOSED SIDEWALK



0 400 2000
 SCALE IN FEET

MONTROSE
 TAX INCREMENT REINVESTMENT ZONE 27

Gauge
 ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079

STATE OF TEXAS
 DAVID G. GREANEY
 125563
 LICENSED PROFESSIONAL ENGINEER

SURVEYED BY:
 AMANI ENGINEERING

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

PROJECT LAYOUT AND MITIGATION SUMMARY

SHEET 1 OF 6

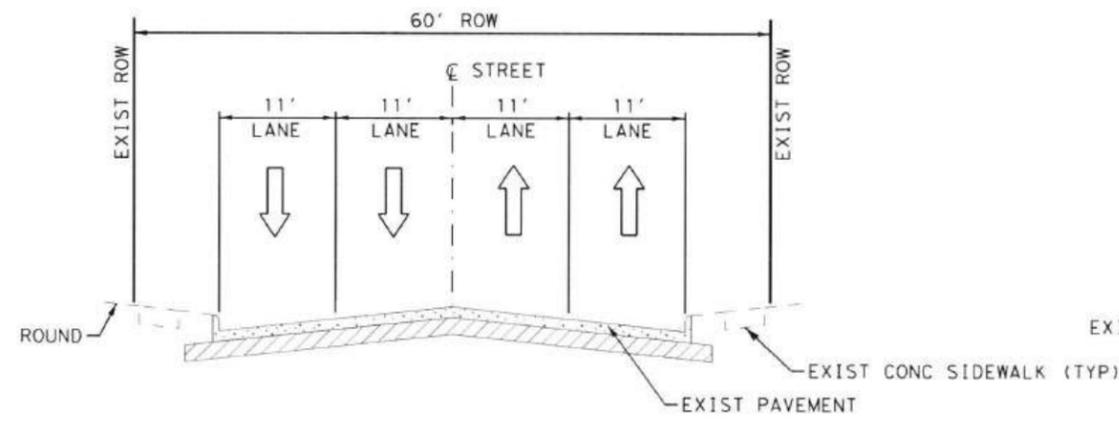
WBS NUMBER: N-127000-014-7
 DRAWING SCALE: AS SHOWN
 CITY OF HOUSTON
 JADA HUANG
 SHEET NO. 6 OF 6

80875

HOUSTON, TEXAS

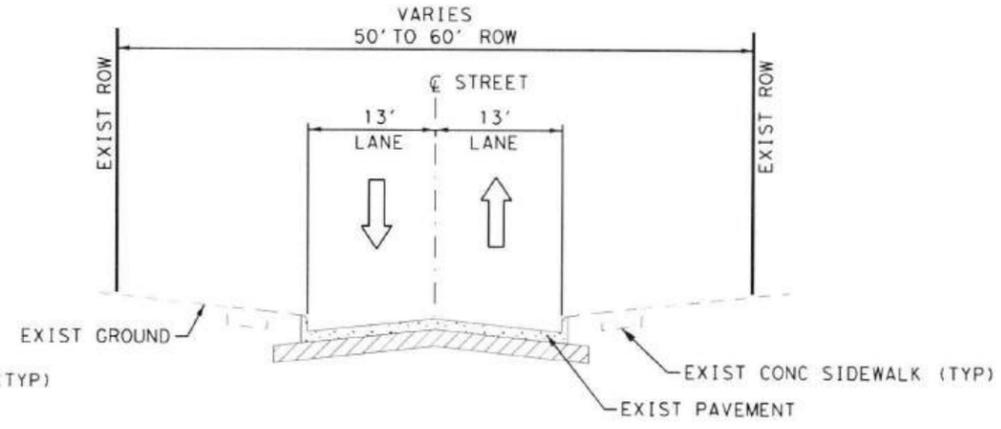
M:\Bentley\OpenRoads Designer CE\Configuration\2022\WorkSpaces\TXDOT\Printing\plcfcg\pdf-c.plcfcg
 Plotted on: 9/24/2025 5:36:43 PM
 Project: Improvements\4-0-Production-Working\4-1-CAD\Project_Layout\1320 - PROJECT_LAYOUT.dgn

Pen Table: Tx*Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer_CAD\Configuration\2022\WorkSpaces\TXDOT\Printing\Plotting\p1tcfg.pdf-c.pltcfp
 Plotted on: 6/11/2025 3:13:26 PM \$USER\$



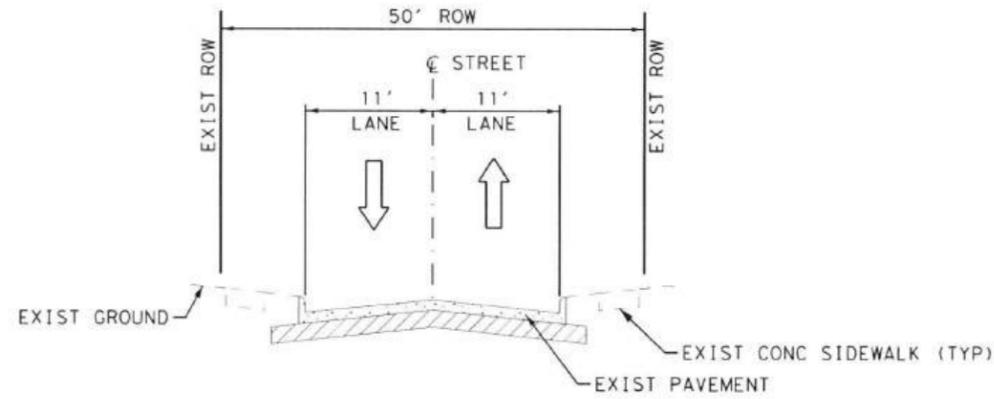
EXISTING TYPICAL SECTION

DUNLAVY ST.
 N. T. S.



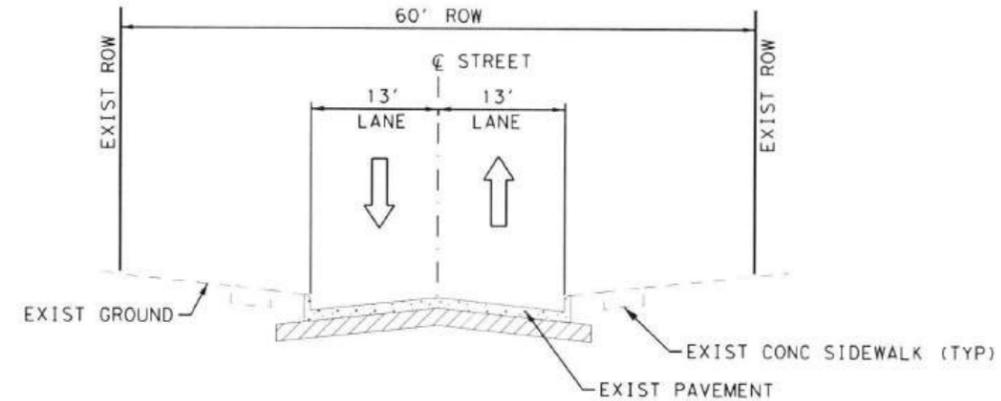
EXISTING TYPICAL SECTION

RALPH ST.
 N. T. S.



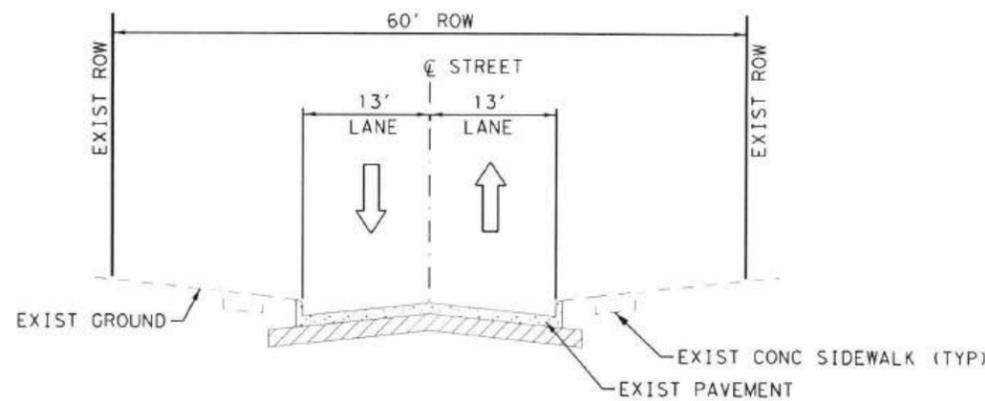
EXISTING TYPICAL SECTION

MANDELL ST.
 N. T. S.



EXISTING TYPICAL SECTION

HAVER, CHERRYHURST, MISSOURI,
 CALIFORNIA, WINDSOR AND YUPON ST.
 N. T. S.



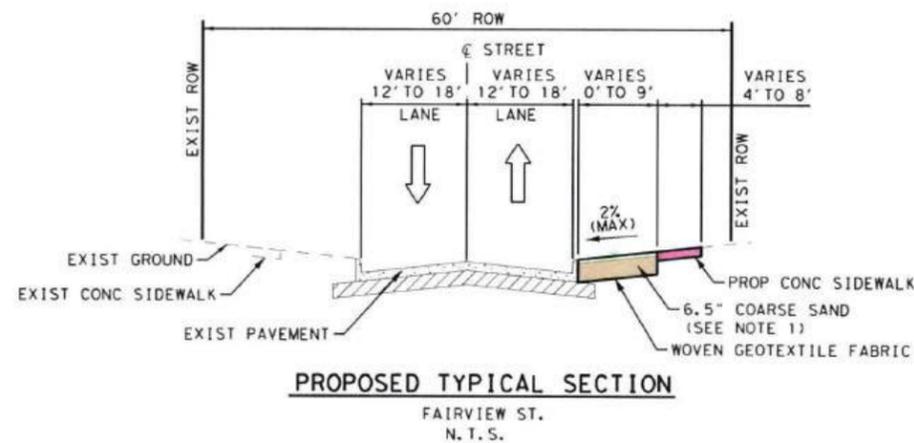
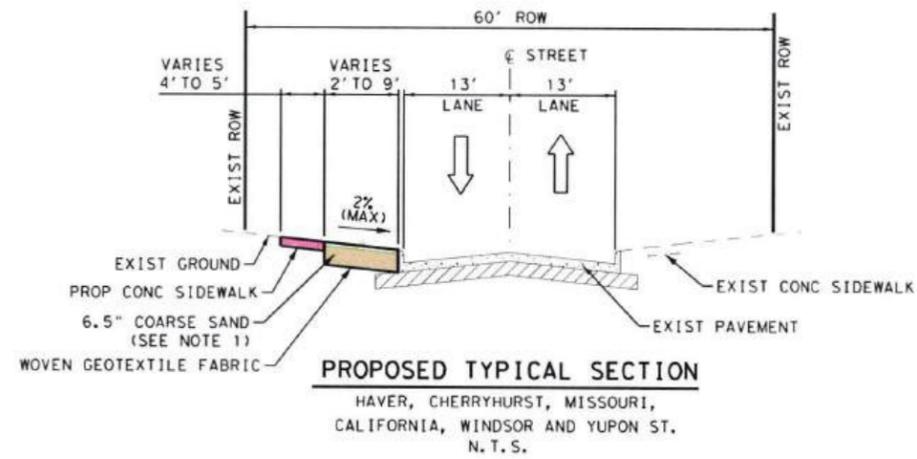
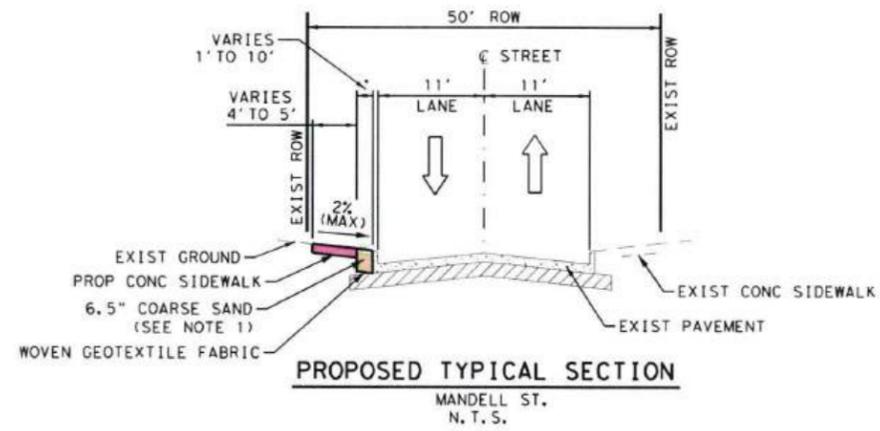
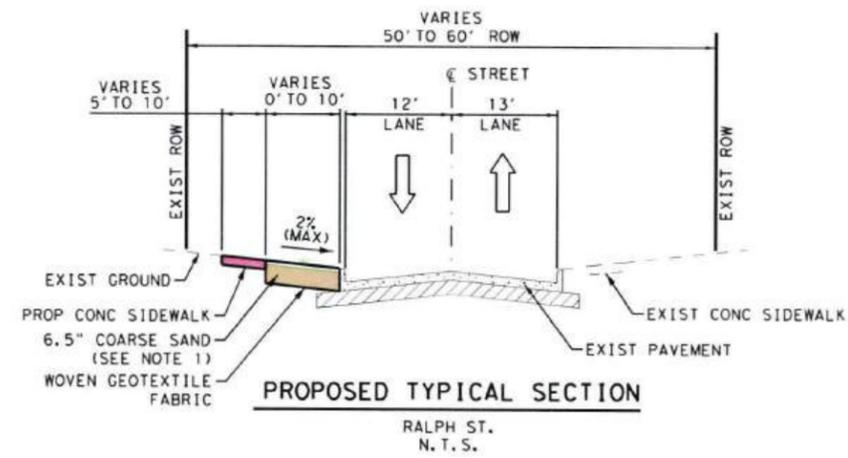
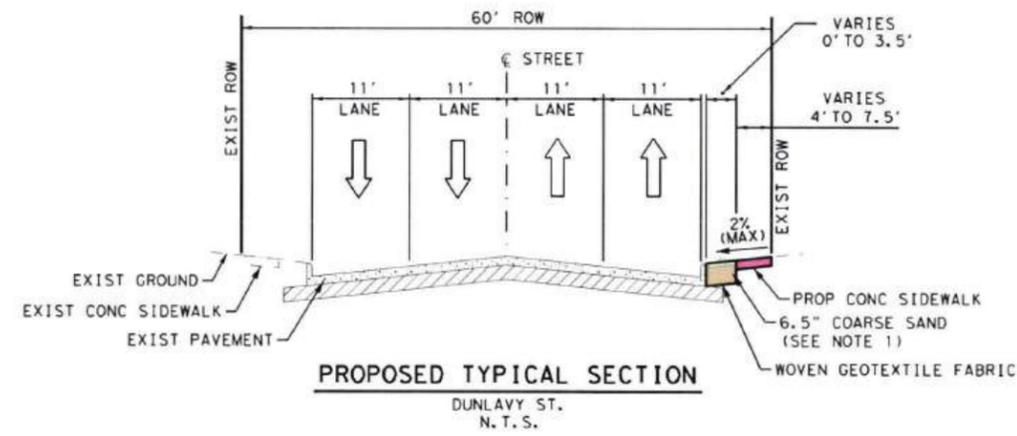
EXISTING TYPICAL SECTION

FAIRVIEW
 N. T. S.

 GAUGE ENGINEERING TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, #400 HOUSTON, TX 77079	
SURVEYED BY: AMANI ENGINEERING	
CITY OF HOUSTON HOUSTON PUBLIC WORKS	
CHERRYHURST SIDEWALK IMPROVEMENTS	
EXISTING TYPICAL SECTIONS	
SHEET 11 OF 11	
WBS NUMBER N-127000-014-7	PER CITY OF HOUSTON USE ONLY 80875
DRAWING SCALE AS NOTED	
CITY OF HOUSTON JADA HUANG	
SHEET NO. 7 OF 7	

C:\Users\jhuang\OneDrive\Documents\Projects\2025\2711320-Cherryhurst Sidewalk Improvements\4-0-Production-Working\4-1-CAD\General\11320-EX-TYP.dgn

No.	DATE	REVISIONS	APP.



NOTES:

- 1. SEE SIDEWALK LAYOUTS FOR PROPOSED COARSE SAND LOCATIONS

<p>MONTROSE TAX INCREMENT REINVESTMENT ZONE 27</p>	
<p>Gauge ENGINEERING TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, #400 HOUSTON, TX 77079</p>	<p>STATE OF TEXAS DAVID G. GREANEY 125563 LICENSED PROFESSIONAL ENGINEER 6/11/2025 Gauge Engineering LLC Texas Registered Engineering Firm F-2017</p>
<p>SURVEYED BY: AMANI ENGINEERING</p>	
<p>CITY OF HOUSTON HOUSTON PUBLIC WORKS</p>	
<p>CHERRYHURST SIDEWALK IMPROVEMENTS</p>	
<p>PROPOSED TYPICAL SECTION</p>	
<p>WBS NUMBER: N-127000-0000-1</p>	<p>FOR CITY OF HOUSTON USE ONLY</p>
<p>DRAWING TITLE: AS NOTED</p>	<p>80875</p>
<p>CITY OF HOUSTON JADA HUANG</p>	<p>HOUSTON, TEXAS</p>
<p>SHEET NO. 8 OF</p>	

Pen Table: TX+Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer CE\Configuration\2022\WorkSpaces\TXDOT\Print\p11cfcg\pdf-c.pltcfq
 Plotted on: 9/23/2025 11:59:19 AM USERe

TRAFFIC CONTROL NARRATIVE:

1. THE CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE MOST RECENT EDITION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD).
2. USE STANDARD CITY SINGLE LANE CLOSURE FOR SIDEWALK AND MEDIAN WORK. SIDEWALK CLOSED SIGNS SHALL BE INSTALLED DURING SIDEWALK CLOSURES.
4. COORDINATE WORK AROUND EXISTING METRO BUS STOPS WITH METRO BUS OPERATIONS AT (713)-739-4000. PROVIDE MINIMUM OF TWO (2) WEEK NOTICE BEFORE CONSTRUCTION BEGINS IN A WORK ZONE. CONTACT METRO BUS OPERATIONS WHEN CONSTRUCTION STARTS AND AT LEAST FIVE (5) WORKING DAYS IN ADVANCE WHEN WORK IS SCHEDULED NEAR A BUS STOP.
5. COORDINATE WITH CM PRIOR TO CONSTRUCTION ON OR ACROSS DRIVEWAYS. CONTRACTOR TO MAINTAIN ACCESS TO RESIDENTS AND BUSINESSES AT ALL TIMES.
6. LANE CLOSURES SHALL BE DURING OFF-PEAK HOURS ONLY (MONDAY THROUGH FRIDAY FROM 7 A.M. TO 7 P.M.). FLAGGERS IN RADIO CONTACT ARE REQUIRED TO DIRECT TRAFFIC DURING LANE CLOSURES.
7. NO PAYING EXCAVATION AREAS SHALL BE LEFT OPEN OVERNIGHT OR ON WEEKENDS. ALL LANES MUST BE OPEN AFTER EACH WORKING DAY. CONTRACTOR CAN UTILIZE STEEL PLATES OR TEMPORARY ASPHALT OR ANY OTHER ALTERNATIVES TO OPEN TRAFFIC IF NEEDED. WORK IS INCIDENTAL TO TRAFFIC CONTROL ITEM.
8. REFER TO TRAFFIC CONTROL STANDARD DETAILS FOR MORE INFORMATION.
9. PROVIDE SEQUENCE OF CONSTRUCTION TO CM PRIOR TO DEVELOPING SCHEDULE FOR APPROVAL.

SEQUENCE OF CONSTRUCTION:

1. PHASE 1 - SOUTH/WEST SIDE SIDEWALK IMPROVEMENTS
 USE TYPICAL SINGLE LANE CLOSURE FOR SOUTH/WEST SIDEWALK WORK. REMOVE AND RECONSTRUCT SIDEWALK AS SHOWN IN PLANS. CLEAN UP AND OPEN FOR PEDESTRIANS. SIDEWALK WORK SHALL BE COMPLETED ON THIS SIDE OF THE PROJECT BEFORE MOVING TO THE OTHER SIDE. CONSTRUCTION SHALL BE DONE IN A BLOCK-TO-BLOCK SEQUENCE.
2. PHASE 2 - NORTH/EAST SIDE SIDEWALK IMPROVEMENTS
 USE TYPICAL SINGLE LANE CLOSURE FOR NORTH/EAST SIDEWALK WORK. REMOVE AND RECONSTRUCT SIDEWALK AS SHOWN IN PLANS. CLEAN UP AND OPEN FOR PEDESTRIANS. CONSTRUCTION SHALL BE DONE IN A BLOCK-TO-BLOCK SEQUENCE.

No.	DATE	REVISIONS	APP.



MONTROSE
TXI IMPROVEMENT REINVESTMENT ZONE 27



Gauge
 ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079



DAVID G. GREANEY
 125563
 LICENSED PROFESSIONAL ENGINEER
 9/28/2025
 Gauge Engineering, LLC
 Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

SEQUENCE OF CONSTRUCTION AND NARRATIVE

WBS NUMBER: N-127000-02-17

DRAWING SCALE: AS NOTED

CITY OF HOUSTON PROJECT NO. JADA HUAN

SHEET NO. 9 OF 10

FOR CITY OF HOUSTON USE ONLY

80875

Improvements\4-0-Production-Working\4-1-CAD\Traffic\TCP NARRATIVE.dgn
 27\1320-Cherryhurst Sidewalk

Disclaimer: The use of this standard is governed by the Texas Engineering Practice Act. The design requirements on this standard do not purport to address all of the safety concerns associated with the use of this standard. It is the responsibility of the user to identify all applicable safety concerns and to take appropriate measures to address them. The City of Houston reserves the right to modify this standard at any time without notice. The City of Houston is not responsible for any damages resulting from the use of this standard.

GENERAL NOTES

- THE CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUDCD) LATEST EDITION WITH REVISIONS DURING THE ENTIRE CONSTRUCTION PERIOD.
- ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST VERSION OF THE TMUDCD.
- NO LANES SHALL BE CLOSED DURING THE HOURS OF 7:00 AM TO 8:00 AM AND 4:00 PM TO 8:00 PM MONDAY THRU FRIDAY WITHOUT APPROVAL OF THE CITY TRAFFIC ENGINEER.
- NO WORK SHALL BE PERFORMED IN RESIDENTIAL AREAS FROM 7:00 PM TO 7:00 AM.
- CONTRACTOR SHALL MAINTAIN APPROVED NUMBER OF THROUGH LANES OF TRAFFIC IN EACH DIRECTION DURING CONSTRUCTION WORKING HOURS. TRAFFIC CONTROL PLANS SHALL INCLUDE ONE-WAY AND/OR DETOUR PLANS. CONTRACTOR SHALL MAINTAIN ADA COMPLIANT PEDESTRIAN ACCESS TO BUS STOPS AND ADEQUATE BUS ACCESS TO ALL THE BUS STOPS.
- CONTRACTOR SHALL MAINTAIN TRAFFIC LANES AND DETOURS ACCORDING TO TRAFFIC CONTROL PLANS DURING WORKING HOURS.
- CONTRACTOR SHALL COVER OPEN PAVEMENT EXCAVATIONS FOR MINOR UTILITY WORK WITH ANCHORED STEEL PLATES DURING NON-WORKING HOURS AND OPEN LANES FOR NORMAL TRAFFIC FLOW WHEN FEASIBLE.
- IF THE CONTRACTOR CHOOSES TO USE A DIFFERENT METHOD OF "TRAFFIC CONTROL PLANS" DURING THE CONSTRUCTION THAN WHAT IS OUTLINED IN THE CONTRACT DRAWINGS, THE CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT AN ALTERNATE SET OF TRAFFIC CONTROL PLANS TO THE CITY OF HOUSTON PROJECT MANAGER FOR APPROVAL. TEN WORKING DAYS PRIOR TO IMPLEMENTATION. THESE PLANS SHALL BE DRAWN TO SCALE ON REPRODUCIBLE MYLARS AND SHALL BE SEALED BY A LICENSED ENGINEER IN THE STATE OF TEXAS. OFFICE OF CITY ENGINEER, MOBILITY PERMITS SECTION REPRESENTATIVE APPROVAL IS REQUIRED TO ACCEPT THE PROPOSED CHANGES.
- CONTRACTOR SHALL SECURE LAKE/SIDEWALK/BICYCLE FACILITY CLOSURE PERMITS FROM OFFICE OF CITY ENGINEER (MOBILITY PERMITS SECTION AT www.houstontexas.gov) BEFORE IMPLEMENTING THE TRAFFIC CONTROL PLAN. THE APPLICATION MUST BE SUBMITTED AT LEAST TEN DAYS PRIOR TO THE IMPLEMENTATION OF THE TRAFFIC CONTROL PLAN AND/OR BEGINNING CONSTRUCTION WORK. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PLANS, CONSTRUCTION SEQUENCING, AND CONSTRUCTION SCHEDULE WITH THE APPLICATION.
- CONTRACTOR SHALL HAVE APPROVED TRAFFIC CONTROL PLAN AND PERMIT AT THE JOB SITE FOR INSPECTION AT ALL TIMES.
- DURING PAVEMENT SURFACE RESTORATION PROJECTS, THE CONTRACTOR SHALL NOT OPEN CLOSED LANES UNTIL THE PAVEMENT SURFACE HAS CURED ENOUGH TO ALLOW VEHICULAR TRAFFIC ACCORDING TO CITY OF HOUSTON STANDARD SPECIFICATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND COORDINATING ALL CONSTRUCTION ACTIVITIES WITH STAKE HOLDERS IN THE VICINITY INCLUDING EMERGENCY RESPONSE AGENCIES SUCH AS HOUSTON POLICE DEPARTMENT, HOUSTON FIRE DEPARTMENT, AND METROPOLITAN TRANSIT AUTHORITY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ISSUING ALL WORK DIRECTIVES TO ALL SUB-CONTRACTORS, UTILITY COMPANIES, AND ALL OTHER ENTITIES PERFORMING CONSTRUCTION WORK ASSOCIATED WITH THE PROJECT.
- NOTHING IN THESE NOTES OR PLANS SHALL RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL MODES OF TRANSPORTATION, PERSONS, AND PROPERTY, AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO WORKING HOURS.
- THE OFFICE OF CITY ENGINEER (MOBILITY PERMITS GROUP) PER THE DIRECTION OF THE CITY TRAFFIC ENGINEER HAVE THE RIGHT TO DEMAND THE INSTALLATION OF ADDITIONAL TRAFFIC CONTROL DEVICES OR MODIFICATIONS OF THESE PLANS AND NOTES, AS DEEMED NECESSARY TO PROMOTE THE SAFE AND ORDERLY FLOW OF TRAFFIC, INCLUDING PEDESTRIANS AND BICYCLES, THROUGH THE CONSTRUCTION WORK ZONE. THE CONTRACTOR SHALL COMPLY WITH THESE ADDITIONAL REQUESTS OR MODIFICATIONS WITH DUE DILIGENCE.
- ALL EXISTING TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE MAINTAINED IN VISIBLE LOCATIONS DURING CONSTRUCTION UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM CITY OF HOUSTON PROJECT MANAGER. THE CONTRACTOR SHALL RESTORE OR REPLACE (AT THE DISCRETION OF THE CITY TRAFFIC ENGINEER) ANY PAVEMENT MARKING OR SIGNING DAMAGE DURING CONSTRUCTION OPERATIONS, INCLUDING RAISED PAVEMENT MARKERS (RPMs).
- WHEN ENTERING OR LEAVING ROADWAYS CARRYING PUBLIC TRAFFIC, THE CONTRACTOR'S EQUIPMENT, WHETHER EMPTY OR LOADED SHALL IN ALL CASES YIELD TO PUBLIC TRAFFIC WITH THE ASSISTANCE OF CONTRACTOR PROVIDED CERTIFIED FLAGGER/PEACE OFFICER.
- ACCESS TO DRIVEWAYS ADJACENT TO THE CONSTRUCTION WORK ZONE SHALL BE MAINTAINED AT ALL TIMES AS MUCH AS POSSIBLE. ADDITIONAL CONES AND/OR DELINEATORS MAY BE REQUIRED TO DELINEATE THE DRIVEWAY ACCESS ROUTE THROUGH THE CONSTRUCTION WORK ZONE. A MINIMUM OF ONE TRAVEL LANE SHALL BE MAINTAINED ACROSS THE DRIVEWAYS, UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM CITY OF HOUSTON PROJECT MANAGER.
- SPILLAGE RESULTING FROM HAULING OPERATIONS ALONG OR ACROSS ANY PUBLIC TRAVELED WAY SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR.
- THE CONTRACTOR SHALL SUBMIT AN APPLICATION FOR TEMPORARY PARKING RESTRICTIONS IF THERE ARE PARKING METERS LOCATED AT THE PROPOSED LANE CLOSURES FROM PARKING MANAGEMENT DIVISION (832-1031-8000) AT LEAST TEN BUSINESS DAYS BEFORE IMPLEMENTATION OF LANE CLOSURES. IN ADDITION, TEMPORARY NO PARKING SIGNS SHALL BE POSTED 24 HOURS PRIOR TO COMMENCEMENT OF WORK.
- ADDITIONAL OFF DUTY OFFICERS/FLAGGERS MAY BE REQUESTED TO DIRECT TRAFFIC WHEN LANES ARE BLOCKED AT THE DISCRETION OF THE CITY PROJECT MANAGER EVEN IF THEY ARE NOT SPECIFICALLY IDENTIFIED ON THE PROJECT PLANS.
- THE CONTRACTOR SHALL REPLACE WITHIN 72 HOURS, ALL TRAFFIC SIGNAL LOOP DETECTORS DAMAGED DURING CONSTRUCTION.
- IN GENERAL, A SOLAR POWERED FLASHING ARROW BOARD SHALL BE REQUIRED ON ALL MAJOR THROUGHFARE LANES CLOSURES. EXCEPTIONS TO FLASHING ARROW BOARDS AND/OR IMPLEMENTATION ON RESIDENTIAL LANE CLOSURES SHALL BE APPROVED BY CITY TRAFFIC ENGINEER.
- APPROVED TRAFFIC CONTROL PLAN SHALL BE IN PLACE BEFORE STARTING ANY EXCAVATION.
- WATER FILLED BARRIERS CAN BE USED AS RESTRICTED BY THE ENGINEER AND APPROVED BY THE CITY FOR PROJECTS WHERE SPACE IS LIMITED AND HEAVY EQUIPMENT TO PLACE CONCRETE BARRIERS IS NOT FEASIBLE. WATER FILLED BARRIERS SHALL NOT BE USED ON ROADWAYS WITH A POSTED SPEED LIMIT MORE THAN 45 MPH.
- WATER FILLED BARRIERS MUST BE INSTALLED AND MAINTAINED PER THE MANUFACTURER'S REQUIREMENTS AND ROUTINELY INSPECTED FOR DEFECTS.
- IF WATER FILLED BARRIER IS PROVIDED, USE ENVIRONMENTALLY SAFE ANTI-FREEZING AGENT IN THE WATER WHEN IT IS APPLICABLE PER MANUFACTURER SPECIFICATIONS AND RECOVER AGENT WHEN THE BARRIER IS DRAINED.

- DEPOSE OF WATER AND AGENT PROPERLY. DO NOT DRAIN WATER FILLED BARRIER INTO OR ACROSS AN EXISTING TRAVEL LANE.
- PROVIDE BARRIER UNITS THAT ARE CAPABLE OF BEING LIFTED AND MOVED WHEN FILLED IF DRAINING IS NOT POSSIBLE.
- PROVIDE WATER FILLED BARRIER THAT ACTS AS ITS OWN FREE STANDING, NON-REDUCTIVE END TREATMENT.
- WHEN WATER FILLED BARRIERS ARE USED TO CHANNELIZE PEDESTRIANS, THEY MUST HAVE A CONTINUOUS DETECTABLE BOTTOM FOR USERS OF LONG CANES AND THE TOP OF THE UNIT SHALL NOT BE LESS THAN 32 INCHES IN HEIGHT.
- ANY CLOSURE OF A PEDESTRIAN OR BICYCLE FACILITY SHALL REQUIRE THE SHORTEST DETOUR THAT MAINTAINS THE SAFETY OF PEDESTRIAN AND/OR BICYCLISTS.

SPACING FOR CHANNELIZING DEVICES

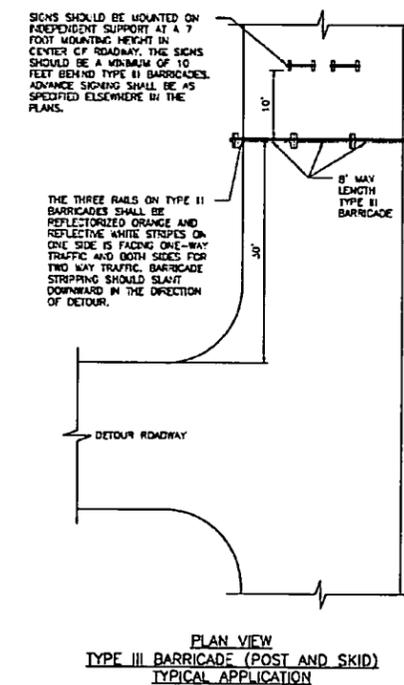
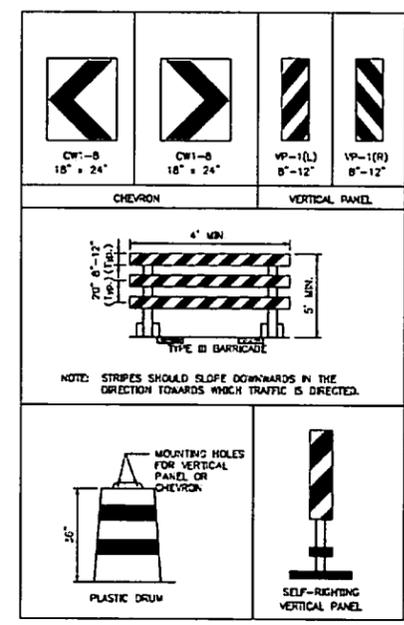
- PLASTIC DRUMS ON MERGING TAPER @ 30' C - C WITH CHEVRON SIGN @ 60' C - C AND WARNING LIGHTS FOR OVERNIGHT CLOSURE.
- PLASTIC DRUMS ON DOWNSLOPE TAPER @ 30' C - C (RETURN TAPER AND BARRICADE ARE OPTIONAL AND DIVIDED ROADWAY SECTION)
- PLASTIC DRUMS ON RADI @ 35' C - C.
- PLASTIC DRUMS ON TANGENT @ 35' C - C WITH VERTICAL PANEL @ 70' C - C AND APPROVED WARNING LIGHT @ 70' C - C (FOR OVERNIGHT CLOSURE).
- PLASTIC DRUMS IN FRONT OF CONSTRUCTION ZONE @ 20' C - C WITH VERTICAL PANEL @ 40' C - C AND APPROVED WARNING LIGHT @ 40' C - C (FOR OVERNIGHT CLOSURE).
- CONCRETE TRAFFIC BARRIER (CTB) OR LOW PROFILE CONCRETE TRAFFIC BARRIER (LPCBT) WITH APPROVED REFLECTORS @ 10' C - C IF PAVEMENT DROP IS GREATER THAN 1 FOOT.
- PLASTIC DRUMS W/GUARD RAIL MOUNTED.
- SELF-RIGHTING VERTICAL PANEL SPACING.
 - 4 LANES TO 2 LANES UNDIVIDED ROADWAY SECTION @ 20' C - C.
 - 4 LANES DIVIDED ROADWAY TO ONE SIDE TWO WAY ROADWAY @ 20' C - C.
 - LEFT LANE AND RIGHT LANE STORAGE BAYS @ 15' C - C.
- SPACING SHOWN ON TRAFFIC CONTROL SHALL SUPERSEDE THE ABOVE SPACING.
- SPACING MAY BE ADJUSTED TO PROVIDE DRIVEWAYS, INTERSECTIONS AND /OR MEDIAN OPENINGS.

TABLE C3 - TYPICAL SIGN SPACING, TAPER LENGTHS, AND SUGGESTED SPACING OF CHANNELIZATION DEVICES

POSTED SPEED (MPH)	SIGN SPACING "X" (FEET)	MIN. DESIRABLE TAPER LENGTH "L"			SUGGESTED MAXIMUM SPACING OF DEVICE	
		10' OFFSET	11' OFFSET	12' OFFSET	ON A TAPER	ON A TANGENT
30	120'	150'	165'	180'	30'	60'-75'
35	160'	205'	225'	245'	35'	70'-90'
40	240'	265'	295'	320'	40'	80'-100'
45	320'	450'	495'	540'	45'	90'-110'
50	400'	500'	550'	600'	50'	100'-125'
55	500'	550'	605'	660'	55'	110'-140'

TABLE C4 - STOPPING SIGHT DISTANCE AS A FUNCTION OF SPEED

POSTED SPEED (MPH)	DISTANCE "D" (FEET)
30	200
35	250
40	305
45	360
50	425
55	495



APPROVED BY: *[Signature]* CITY ENGINEER

APPROVED BY: *[Signature]* CITY TRAFFIC ENGINEER

APPROVED BY: *[Signature]* DIRECTOR OF HOUSTON PUBLIC WORKS

LET DATE: NOV-27-2023 DWG NO: 01555-01

CITY OF HOUSTON
HOUSTON PUBLIC WORKS STANDARD

TCP NOTES CHANNELIZING DEVICES AND BARRICADES

FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE: _____
 NOT TO SCALE

MONTROSE
TX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079

STATE OF TEXAS
DAVID G. GREANEY
125563
LICENSED PROFESSIONAL ENGINEER

SURVEYED BY:
AMANI ENGINEERING
9/26/2025
Gauge Engineering, LLC
Texas Registered Engineering Firm F-20817

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

TCP NOTES CHANNELIZING DEVICES AND BARRICADES

SHEET 1 OF 2

WBS NUMBER: N-127000-024-5

DRAWING SCALE: AS NOTED

CITY OF HOUSTON, TX
JADA HUANG

80875

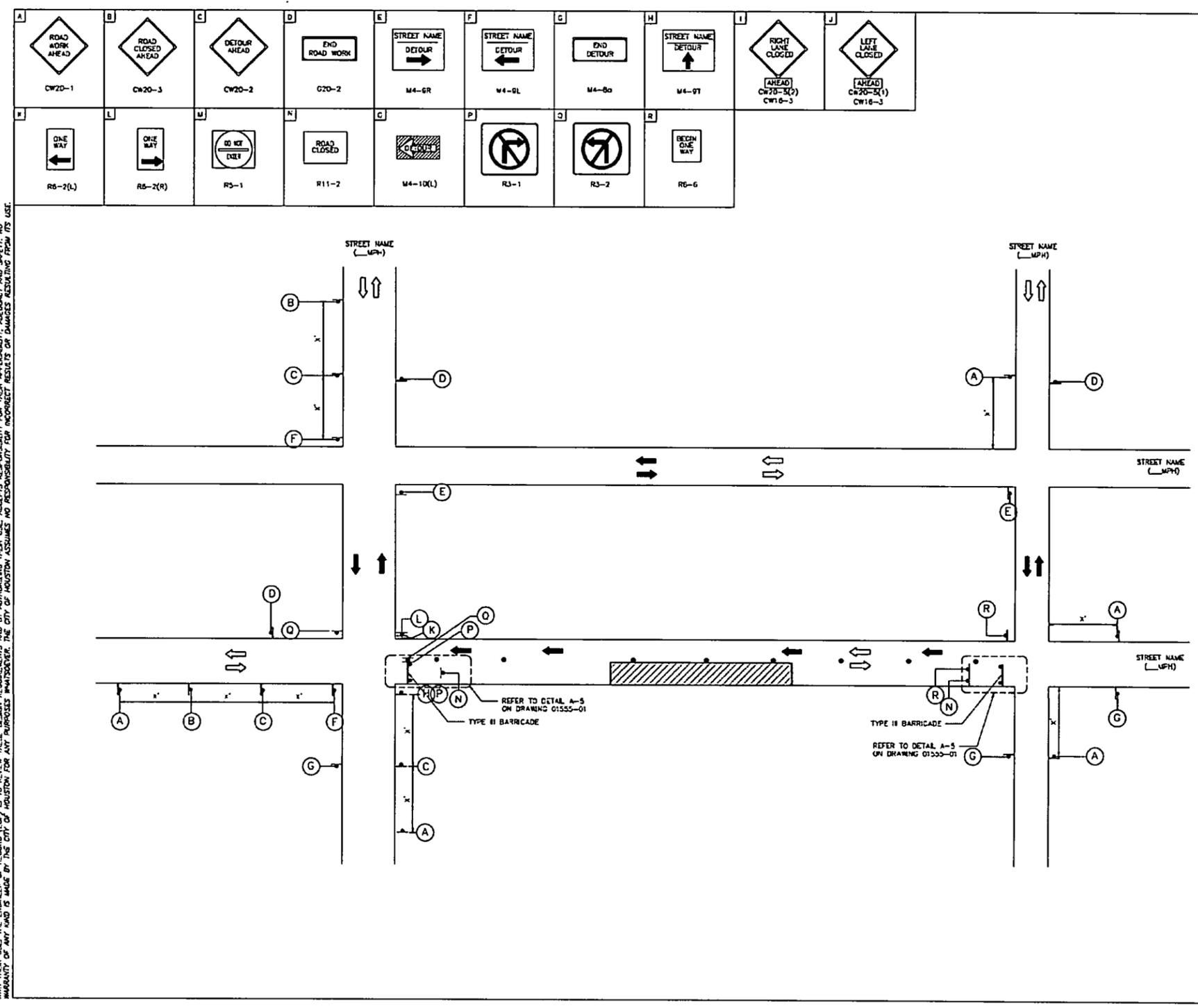
SHEET NO. 10 OF _____

REV.	DATE	REVISIONS

Project: 21V1320-Cherryhurst Sidewalk Improvements
 Product: 4-0-Product Ion-Work\ng\4-1-CAD\YCP\1320-TCP-DETAIL-1.dgn

Design: Design ID: 0076114076-000-000-000-000-000

DISCLAIMER: THE USE OF THIS STANDARD IS COVERED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THE USE OF THIS STANDARD. THE ENGINEER OF RECORD (EOR) IS TO REVIEW THESE DESIGN REQUIREMENTS AND BY AUTHORIZING THEIR USE, ACCEPTS RESPONSIBILITY FOR THEIR APPLICATION, ACCURACY AND SAFETY. NO LIABILITY OF ANY KIND IS MADE BY THE CITY OF HOUSTON FOR ANY PURPOSES WHATSOEVER. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR INCIDENTS OR DAMAGES RESULTING FROM ITS USE.



- LEGEND:**
- SIGN
 - FLAGGER
 - APPROVED CHANNELIZATION DEVICE
 - BARRICADE
 - FLASHING ARROW PANEL
 - AREA UNDER CONSTRUCTION
 - EXISTING TRAVEL WAY
 - TRAFFIC CONTROL PLAN DETOUR TRAVEL WAY

NOTES:

1. A 10' MINIMUM LANE WIDTH FOR EMERGENCY SHALL BE MAINTAINED AND MAINTAINED BY THE CONTRACTOR AT ALL TIMES.
2. FOR DIMENSIONS REFER TO SHEET 01555-01.
3. INSTALL FLASHERS ON DRUMS WHERE REQUIRED AND APPROVED BY CITY TRAFFIC ENGINEER.

APPROVED BY: <i>[Signature]</i> CITY ENGINEER	APPROVED BY: <i>[Signature]</i> CITY TRAFFIC ENGINEER
APPROVED BY: <i>[Signature]</i> DIRECTOR OF HOUSTON PUBLIC WORKS	
DTY DATE: MON-27-2023	DWG NO: 01555-00
CITY OF HOUSTON HOUSTON PUBLIC WORKS STANDARD	
TCP TYPICAL DETOUR ROUTING WITH ONE LANE CLOSURE (ONE BLOCK)	
FOR CITY OF HOUSTON USE ONLY	
DRAWING SCALE NOT TO SCALE	

MONTROSE
TX INCREMENT REINVESTMENT ZONE 27

<p>Gauge ENGINEERING TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, #400 HOUSTON, TX 77078</p>	<p style="text-align: center;">STATE OF TEXAS</p> <p style="text-align: center;">DAVID G. GREANEY 125563 LICENSED PROFESSIONAL ENGINEER</p> <p>9/26/2025 Gauge Engineering, LLC Texas Registered Engineering Firm F-20017</p>
---	---

SURVEYED BY:
AMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

**CHERRYHURST SIDEWALK
IMPROVEMENTS**

**TCP TYPICAL DETOUR ROUTING
WITH ONE LANE CLOSURE
(ONE BLOCK)**

SHEET 1 OF 1

WBS NUMBER	N-127000-11
DRAWING SCALE	AS SHOWN
CITY OF HOUSTON PW	JADA HUNTER
SHEET NO. 11	71

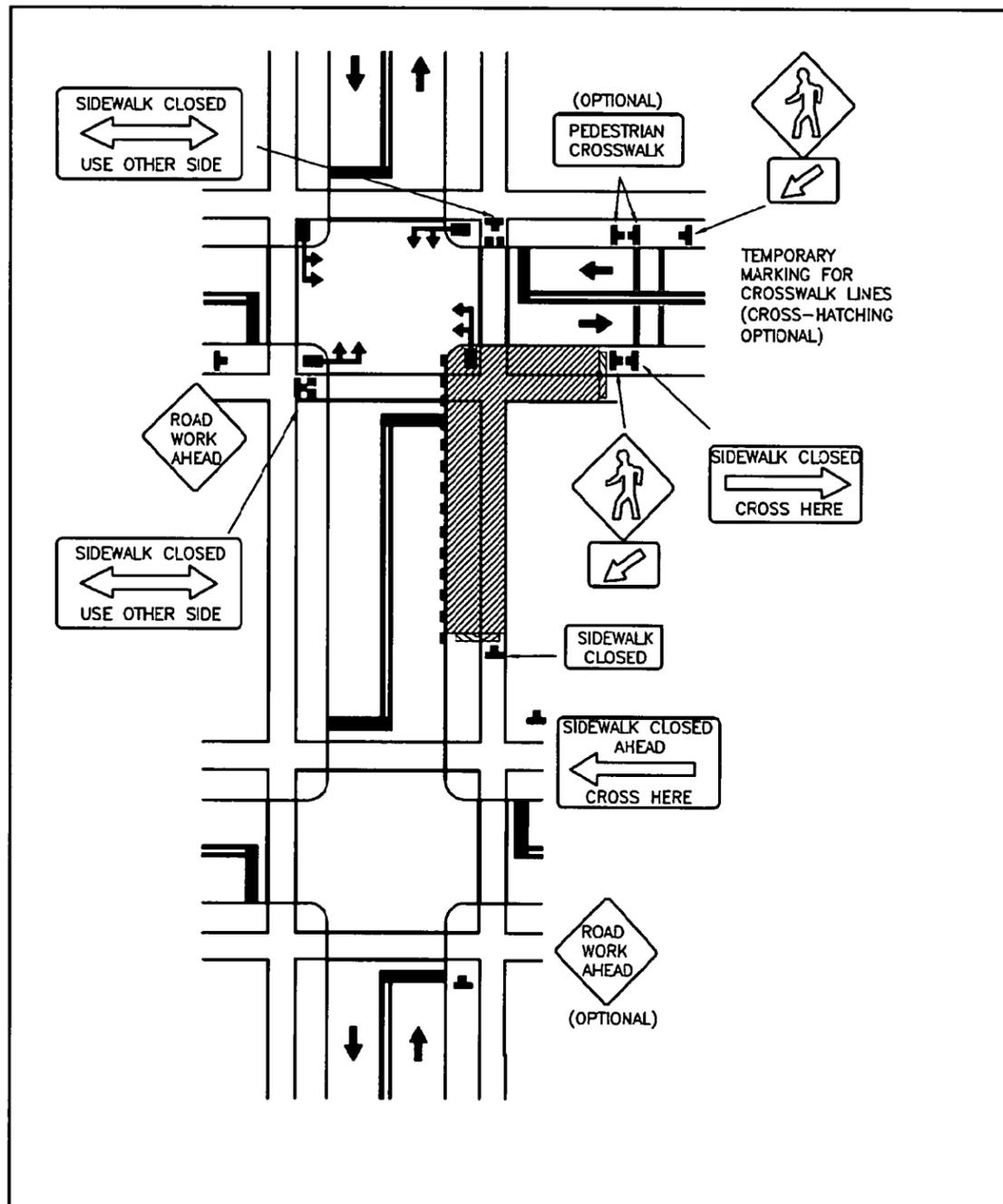
80875

HOUSTON, TEXAS

REV.	DATE	REVISIONS

C:\Programs\Bentley\OpenRoads Designer CE\Config\Plot\2022\WorkSpaces\TxDOT\Plotting\p11cfcg\pdf-c.pltcfq

Pen Tablet: TxPen.tbl
 Plot Drivers: M:\Bentley\OpenRoads Designer CE\Configuration\2022\WorkSpaces\TXDOT\pr\Int\ng\plc\fg\pdf-c.pltcfq
 Plotted on: 9/24/2025 3:32:25 PM eUSERe



DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THEIR USE. THE ENGINEER OF RECORD (EOR) IS TO REVIEW THESE DESIGN REQUIREMENTS AND BY AUTHORIZING THEIR USE, ACCEPTS RESPONSIBILITY FOR THEIR APPLICABILITY, ADEQUACY AND SAFETY. NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF HOUSTON FOR ANY PURPOSES WHATSOEVER. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS STANDARD

CROSSWALK CLOSURES AND PEDESTRIAN DETOURS

(SCALE: NOT TO SCALE)

APPROVED BY:

DocuSigned by: Sulhat Karwar DEFB0C41F54128	DocuSigned by: KHANG NGUYEN 8A0C110A15284C2	DocuSigned by: Carl Haddock A93CA10B170C452
CITY ENGINEER	CITY TRAFFIC ENGINEER	DIRECTOR OF HPW

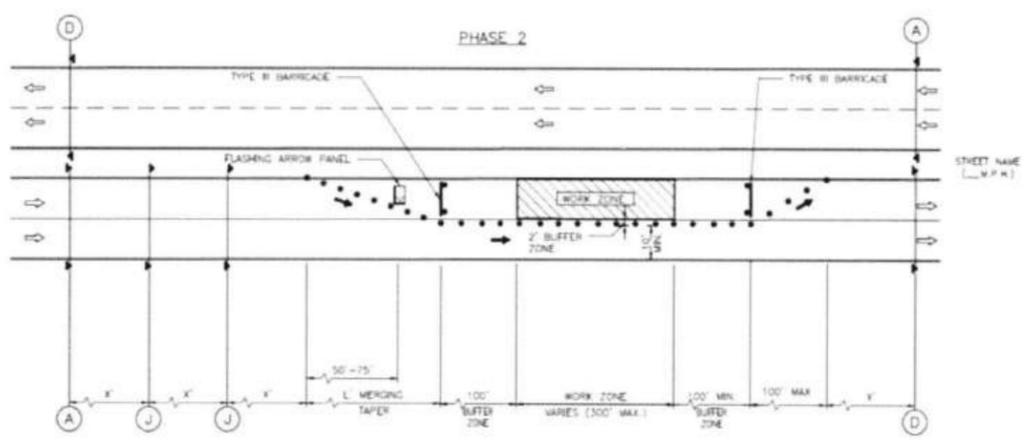
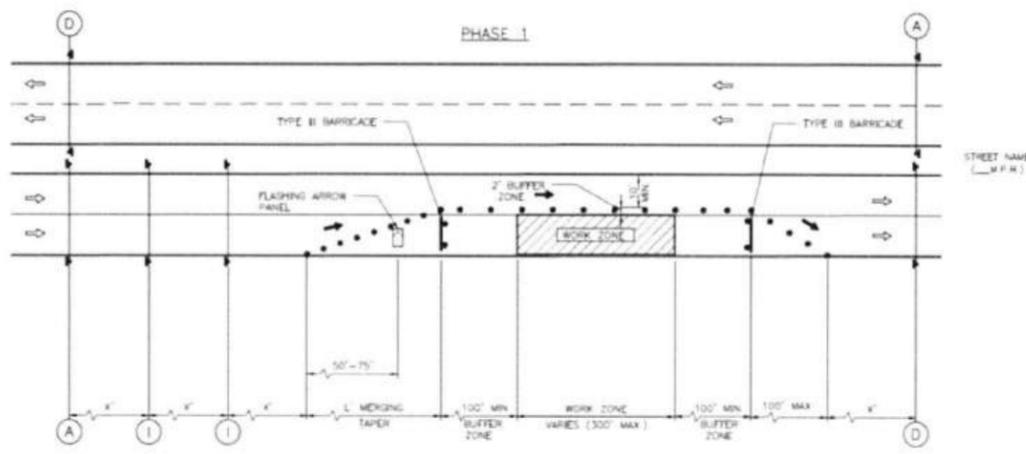
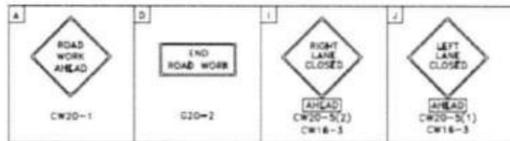
EFF DATE: NOV-27-2023 DWG NO: 01555-16

<p>MONTROSE TX INCREMENT INVESTMENT ZONE 27</p>	
<p>Gauge ENGINEERING TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, #400 HOUSTON, TX 77079</p>	<p>STATE OF TEXAS DAVID G. GREANEY 125563 LICENSED PROFESSIONAL ENGINEER 9/26/2025 Gauge Engineering, LLC Texas Registered Engineering Firm F-20017</p>
SURVEYED BY: AMANI ENGINEERING	
<p>CITY OF HOUSTON HOUSTON PUBLIC WORKS</p> <p>CHERRYHURST SIDEWALK IMPROVEMENTS</p> <p>CROSSWALK CLOSURES AND PEDESTRIAN DETOURS</p>	
WBS NUMBER: N-127000-00 DRAWING SCALE: AS NOTED CITY OF HOUSTON: JADA HUANG SHEET NO. 12 OF 12	
SHEET 1 OF 1 80875 HOUSTON, TEXAS	

REV.	DATE	REVISIONS

Design Filename: P:\TRAZ_27\1320-Cherryhurst Sidewalk Improvements\4-0-Product\on-Work\ng\4-1-CAD\TGP\1320-TCP_DETA\13.dgn

Design Image ID: 0271110-8710-489-432-0272223494



LEGEND:

- SIGN
- FLAGGER
- APPROVED CHANNELIZATION DEVICE
- BARRICADE
- FLASHING ARROW PANEL
- AREA UNDER CONSTRUCTION
- EXISTING TRAVEL WAY
- TRAFFIC CONTROL PLAN DETOUR TRAVEL WAY

NOTES:

1. RETURN TAPERS AND DOWNSTREAM BARRICADES ARE OPTIONAL ON A DIVIDED ROADWAY SECTION.
2. DOUBLE SIGNS SHALL BE USED ONLY ON ROADWAYS WITH MEDIANS.
3. FOR DIMENSIONS REFER TO SHEET 01555-01.
4. INSTALL FLASHERS ON SIGNS WHERE REQUIRED AND APPROVED BY CITY TRAFFIC ENGINEER.

APPROVED BY: <i>[Signature]</i>	APPROVED BY: <i>[Signature]</i>
CITY ENGINEER	CITY TRAFFIC ENGINEER
APPROVED BY: <i>[Signature]</i>	
DIRECTOR OF HOUSTON PUBLIC WORKS	
EFF DATE: NOV-27-2023	DWG NO: 01555-04
CITY OF HOUSTON HOUSTON PUBLIC WORKS STANDARD	
TCP ONE LANE CLOSURE PHASE 1 & 2	
FOR CITY OF HOUSTON USE ONLY	
DRAWING SCALE	
NOT TO SCALE	

DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THE USE OF THIS STANDARD. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR ACCIDENTS OR DAMAGES RESULTING FROM ITS USE.

MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
TEXAS PE FIRM REG.# F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77029

STATE OF TEXAS
DAVID G. GREANEY
125563
LICENSED PROFESSIONAL ENGINEER
9/26/2025
Gauge Engineering, LLC
Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

TCP ONE LANE CLOSURE

SHEET 1 OF 1

WBS NUMBER: N-12/000-014-1
DRAWING SCALE: AS NOTED
CITY OF HOUSTON: JADA HUANG
SHEET NO. 13 OF 13

80875

No.	DATE	REVISIONS

Pen Tablet: T:\Pen.tbl
Plot Drivers: M:\Bentley\OpenRoads Designer_CEE\Con\figuration\2022\WorkSpaces\XDOT\Print\ing\p11cfcg\pdf-c.pltcfq
Plotted on: 6/9/2025 10:23:00 AM EUSER8

FAIRVIEW ST.

HORIZONTAL ALIGNMENT REPORT

Alignment name: Unnamed
Alignment description:
Report Created: Wednesday, February 12, 2025
Time: 11:33:32 AM

	STATION	X	Y
PC	100.000 R1	3110392.030	13837698.622
PI	198.794 R1	3110490.620	13837704.972
CC	3110365.059	13838117.367	
PT	294.054 R1	3110576.020	13837754.640
Radius:	419.613		
Delta:	26.497° Left		
Degree of Curvature(Arc):	13.654°		
Length:	194.054		
Tangent:	98.794		
Chord:	192.329		
Middle Ordinate:	11.168		
External:	11.473		
Tangent Back Direction:	N86.315°E		
Radial Direction:	S3.685°E		
Chord Direction:	N73.066°E		
Radial Direction:	S30.182°E		
Tangent Ahead Direction:	N59.818°E		

PT	294.054 R1	3110576.020	13837754.640
PI	594.054 R1	3110832.870	13837909.651
Tangential Direction:	N58.889°E		
Tangential Length:	300.000		

PI	594.054 R1	3110832.870	13837909.651
POT	1694.054 R1	3111784.072	13838462.113
Tangential Direction:	N59.852°E		
Tangential Length:	1100.000		

HAVER ST.

HORIZONTAL ALIGNMENT REPORT

Alignment name: BL CL-Haver1
Alignment description:
Report Created: Wednesday, February 12, 2025
Time: 8:58:27 AM

	STATION	X	Y
POT	100.000 R1	3110945.769	13837657.542
POT	1200.000 R1	3111896.135	13838211.442
Tangential Direction:	N59.765°E		
Tangential Length:	1100.000		

CHERRYHURST ST.

HORIZONTAL ALIGNMENT REPORT

Alignment name: BL CL-Cherryhurst1
Alignment description:
Report Created: Wednesday, February 12, 2025
Time: 10:12:40 AM

	STATION	X	Y
POT	100.000 R1	3111079.584	13837418.122
POT	1200.000 R1	3112029.950	13837972.022
Tangential Direction:	N59.765°E		
Tangential Length:	1100.000		

MISSOURI ST. (1)

HORIZONTAL ALIGNMENT REPORT

Alignment name: BL CL-Missouri1
Alignment description:
Report Created: Wednesday, February 12, 2025
Time: 10:40:33 AM

	STATION	X	Y
POT	100.000 R1	3110348.172	13837334.700
POT	500.000 R1	3110747.905	13837349.328
Tangential Direction:	N87.904°E		
Tangential Length:	400.000		

MISSOURI ST. (2)

HORIZONTAL ALIGNMENT REPORT

Alignment name: BL CL-Missouri2
Alignment description:
Report Created: Wednesday, February 12, 2025
Time: 10:15:31 AM

	STATION	X	Y
POT	100.000 R1	3111219.628	13837182.395
POT	1200.000 R1	3112169.993	13837736.295
Tangential Direction:	N59.765°E		
Tangential Length:	1100.000		

CALIFORNIA ST.

HORIZONTAL ALIGNMENT REPORT

Alignment name: BL CL-California1
Alignment description:
Report Created: Wednesday, February 12, 2025
Time: 10:17:25 AM

	STATION	X	Y
POT	100.000 R1	3111453.154	13837001.465
POT	1100.000 R1	3112317.122	13837505.011
Tangential Direction:	N59.765°E		
Tangential Length:	1000.000		

MANDELL ST.

HORIZONTAL ALIGNMENT REPORT

Alignment name: BL CL-Mandell1
Alignment description:
Report Created: Wednesday, February 12, 2025
Time: 10:32:36 AM

	STATION	X	Y
POT	100.000 R1	3111365.997	13836999.203
POT	1200.000 R1	3110812.097	13837949.569
Tangential Direction:	N30.235°W		
Tangential Length:	1100.000		

RIDGEWOOD ST.

HORIZONTAL ALIGNMENT REPORT

Alignment name: BL CL-Ridgewood1
Alignment description:
Report Created: Wednesday, February 12, 2025
Time: 10:34:16 AM

	STATION	X	Y
POT	100.000 R1	3111688.828	13837035.057
POT	1350.000 R1	3111059.396	13838115.018
Tangential Direction:	N30.235°W		
Tangential Length:	1250.000		

WINDSOR ST.

HORIZONTAL ALIGNMENT REPORT

Alignment name: BL CL-Windsor1
Alignment description:
Report Created: Wednesday, February 12, 2025
Time: 10:35:16 AM

	STATION	X	Y
POT	100.000 R1	3112089.667	13837053.433
POT	1500.000 R1	3111384.703	13838262.989
Tangential Direction:	N30.235°W		
Tangential Length:	1400.000		

YUPON ST.

HORIZONTAL ALIGNMENT REPORT

Alignment name: BL CL-Yupon1
Alignment description:
Report Created: Wednesday, February 12, 2025
Time: 10:36:13 AM

	STATION	X	Y
POT	100.000 R1	3112408.887	13837242.577
POT	1500.000 R1	3111703.923	13838452.133
Tangential Direction:	N30.235°W		
Tangential Length:	1400.000		

RALPH ST.

HORIZONTAL ALIGNMENT REPORT

Alignment name: BL CL-Ralph2
Alignment description:
Report Created: Wednesday, February 12, 2025
Time: 10:38:36 AM

	STATION	X	Y
POT	100.000 R1	3110721.307	13836966.987
POT	1000.000 R1	3110678.700	13837865.978
Tangential Direction:	N2.713°W		
Tangential Length:	900.000		

DUNLAVY ST.

HORIZONTAL ALIGNMENT REPORT

Alignment name: BL CL-Dunlavy
Alignment description:
Report Created: Wednesday, February 12, 2025
Time: 10:39:48 AM

	STATION	X	Y
POT	100.000 R1	3110459.576	13836967.453
POT	900.000 R1	3110428.029	13837766.831
Tangential Direction:	N2.260°W		
Tangential Length:	800.000		

**MONTROSE**
TRAFFIC IMPROVEMENT INVESTMENT ZONE 27

**Gauge**
ENGINEERING
TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079

**DAVID G. GREANEY**
125563
LICENSED PROFESSIONAL ENGINEER
07/1/2025
Greaney Engineering, LLC
Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

HORIZONTAL CURVE DATA

SHEET 1 OF 1

WBS NUMBER: H-127000-001-F

DRAWING TITLE: AS NOTED

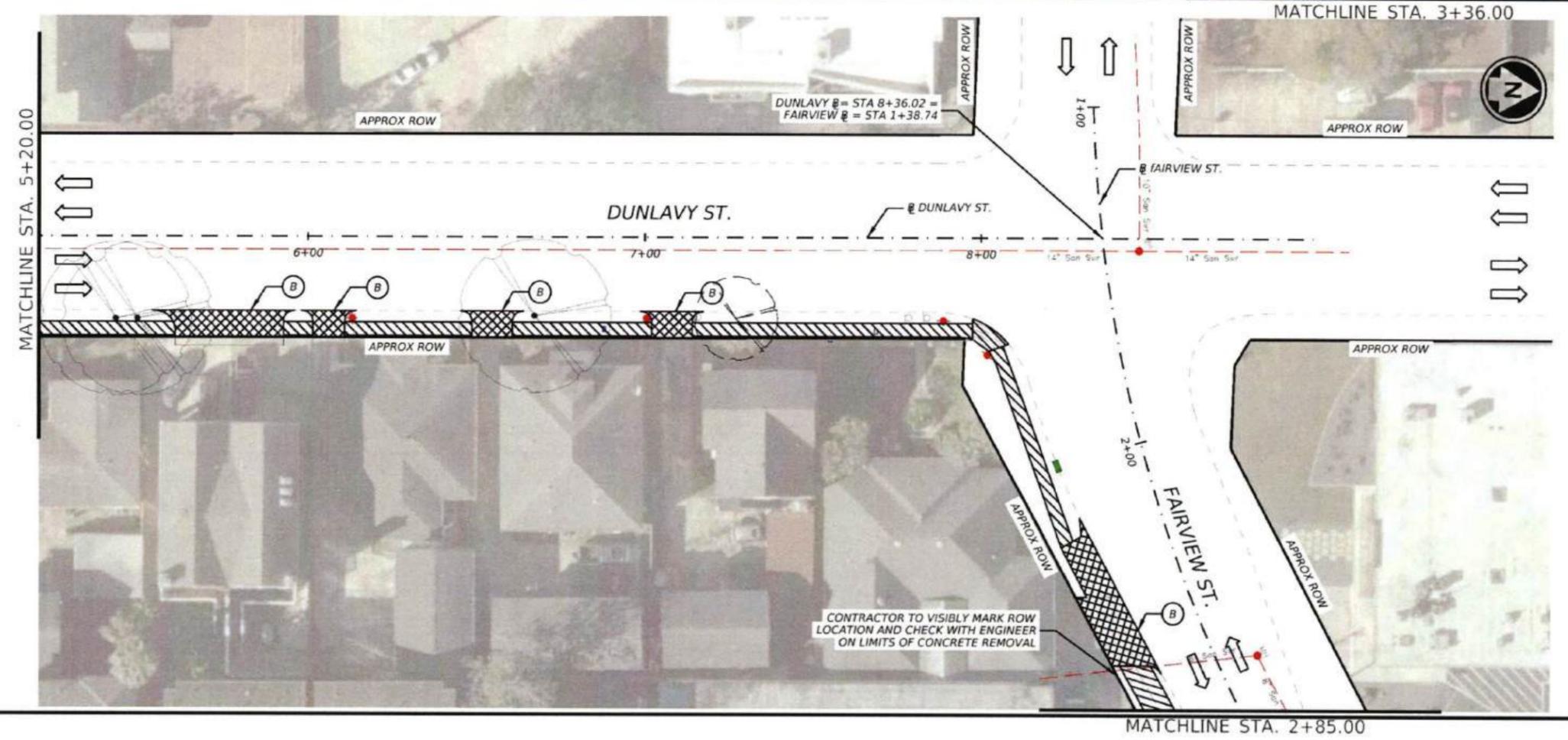
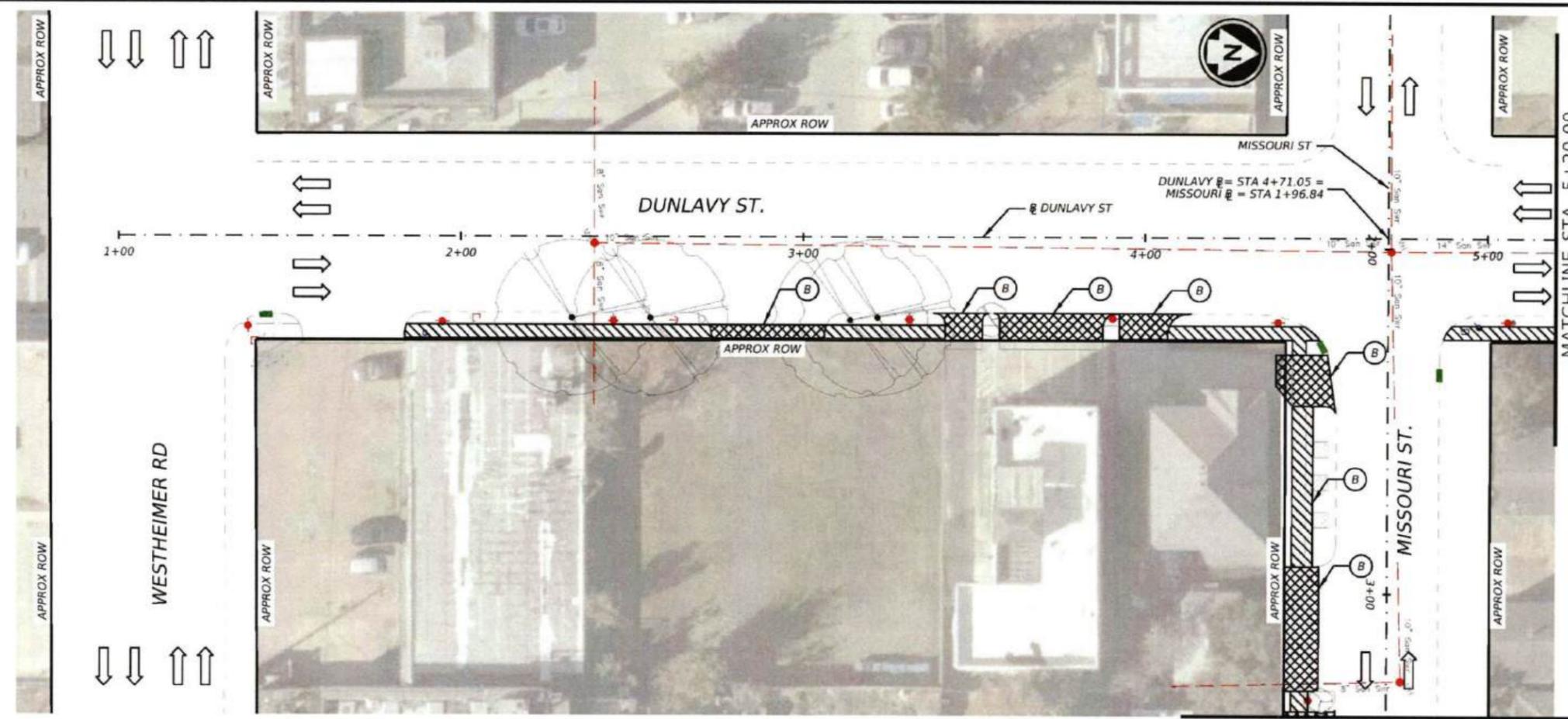
CITY OF HOUSTON
JEDA HUANG

SHEET NO. 14 OF 7

80875

Roadway\HORIZ CURVE DATA.dgn

Pen Tables: TX+Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer\CE\Conf\gation\2022\WorkSpaces\TXDOT\p\rinting\pl\atfg\pdf-c.pltcfq
 Plotted on: 8/9/2025 11:46:01 AM SUSERS



LEGEND

- REMOVE AND DISPOSE OF DRIVEWAY
- REMOVE AND DISPOSE OF SIDEWALK
- REMOVE AND DISPOSE OF CURB
- SAWCUT
- DIRECTION OF TRAFFIC



 GAUGE ENGINEERING TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, #400 HOUSTON, TX 77079	
SURVEYED BY: AMANI ENGINEERING	
CITY OF HOUSTON HOUSTON PUBLIC WORKS	
CHERRYHURST SIDEWALK IMPROVEMENTS DUNLAVY STREET DEMOLITION LAYOUT STA 1+00 TO STA 9+00 SHEET 1 OF 1	
WBS NUMBER: N-T27000-00-07	CITY OF HOUSTON USE ONLY: 80875
DRAWING SCALE: AS NOTED	CITY OF HOUSTON: JWD/HUNG
SHEET NO. 15 OF 71	

Design File Name: P:\IT\21\320-Cherryhurst Sidewalk Improvements\4-0-Production-Working\4-1-CAD\Roadway\1320_DEMO_SHEETS_01.dgn

Pen Tables: Tx*Pen.tbl
 Plot Drivers: Mt\Bentley\OpenRoads Designer CE\Configuration\2022\WorkSpaces\TXDOT\Printing\plcfcfg\pdf-c.plcfcfg
 Plotted on: 8/7/2025 5:41:09 PM eUSER



LEGEND

- REMOVE AND DISPOSE OF DRIVEWAY
- REMOVE AND DISPOSE OF SIDEWALK
- REMOVE AND DISPOSE OF CURB
- SAWCUT
- DIRECTION OF TRAFFIC



MONTROSE
 TAX INCREMENT REVESTMENT ZONE 27

Gauge
 ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079

SURVEYED BY:
 AMANI ENGINEERING

STATE OF TEXAS
 DAVID G. GREANEY
 LICENSED PROFESSIONAL ENGINEER
 GAUGE ENGINEERING, LLC
 Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

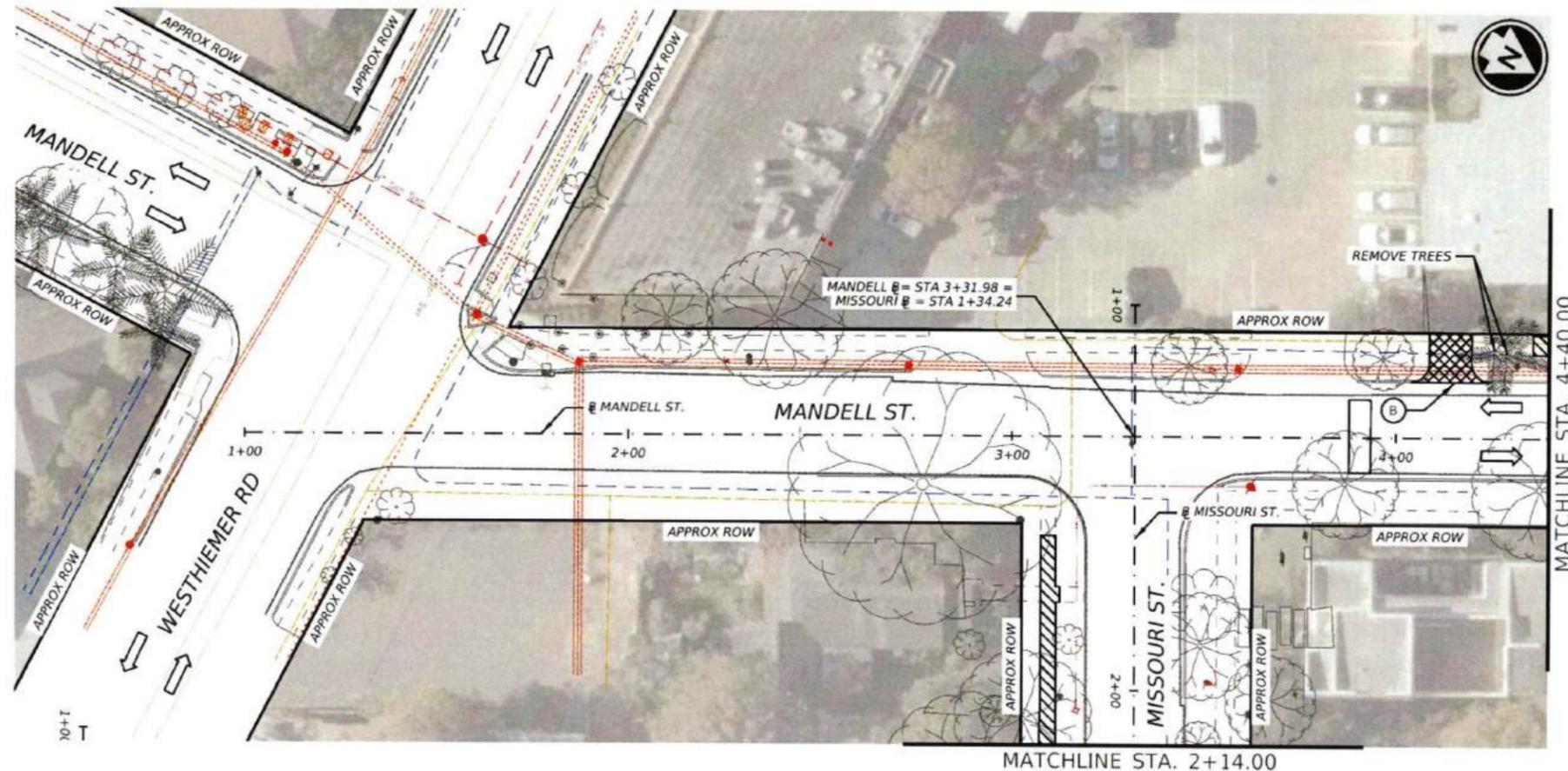
CHERRYHURST SIDEWALK IMPROVEMENTS
RALPH STREET DEMOLITION LAYOUT
 STA 3+00 TO END PROJ.

WBS NUMBER: N-127000-02
 DRAWING FILE: 80875
 AS NOTED
 CITY OF HOUSTON
 JADA HUANG
 SHEET NO. 16 OF 16

NO.	DATE	REVISIONS	APP.

Design File Name: P:\1320-Cherryhurst Sidewalk Improvements\4-0-Production-Working\4-1-CAD\Roadway\1320_DEMO SHEETS 01.dgn

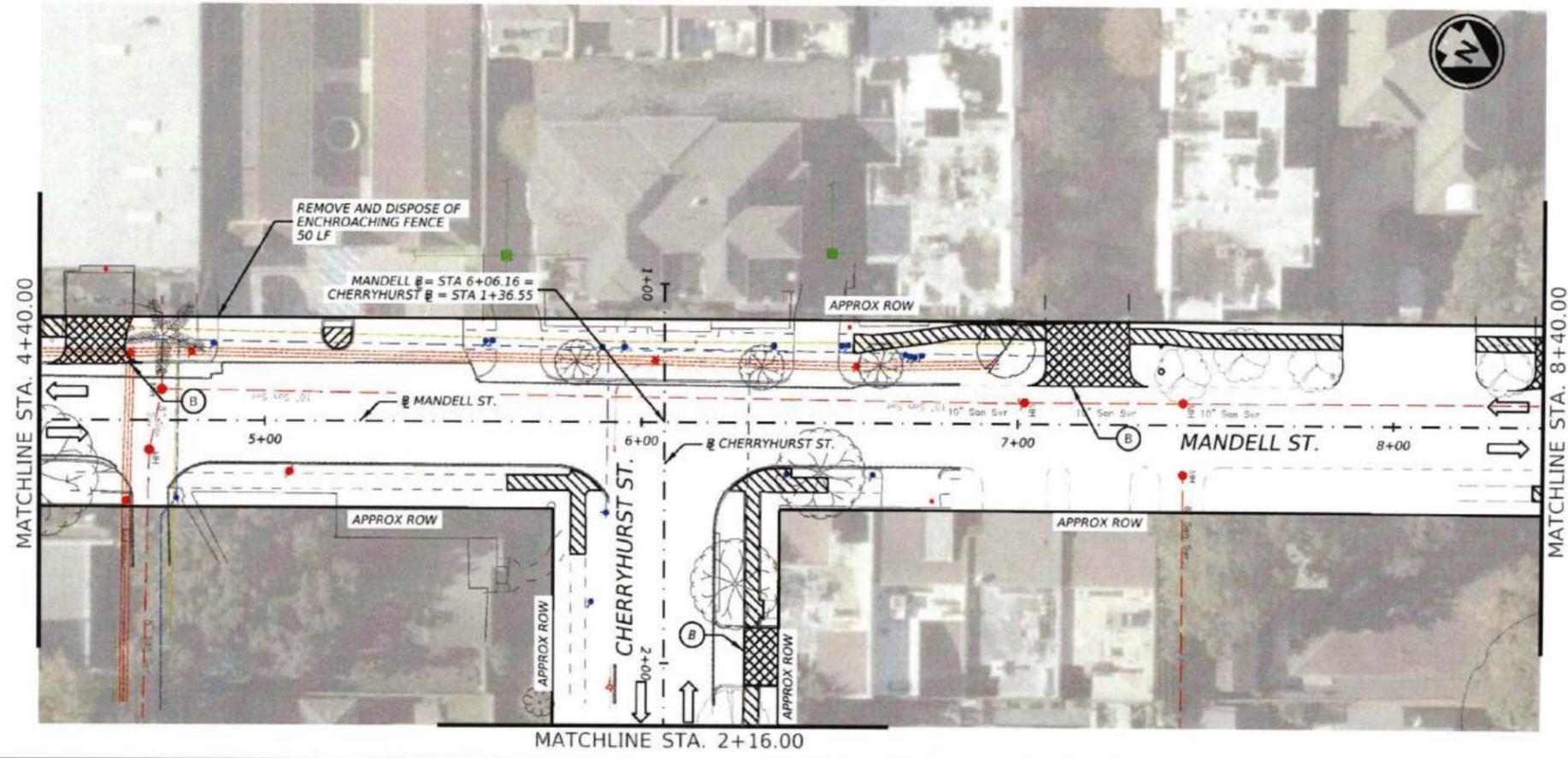
Pen Tables: Tx+Pen.tbl
 Plot Drivers: Mt\Bentley\OpenRoads Designer_CAD\Configuration\2022\WorkSpaces\TXDOT\Printing\plcfcg\pdf-c.pltcfq
 Plotted on: 8/7/2025 5:41:48 PM eUSERE



LEGEND

- REMOVE AND DISPOSE OF DRIVEWAY
- REMOVE AND DISPOSE OF SIDEWALK
- REMOVE AND DISPOSE OF CURB
- SAWCUT
- DIRECTION OF TRAFFIC

NO.	DATE	REVISIONS	APP.



MONTROSE
 THE MOMENT REINVESTMENT FIRM

Gauge
 ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079

DAVID G. GREANEY
 125563
 LICENSED PROFESSIONAL ENGINEER
 CIVIL
 GAUGE ENGINEERING, LLC
 Texas Registered Engineering Firm F-20017

SURVEYED BY:
 AMANI ENGINEERING

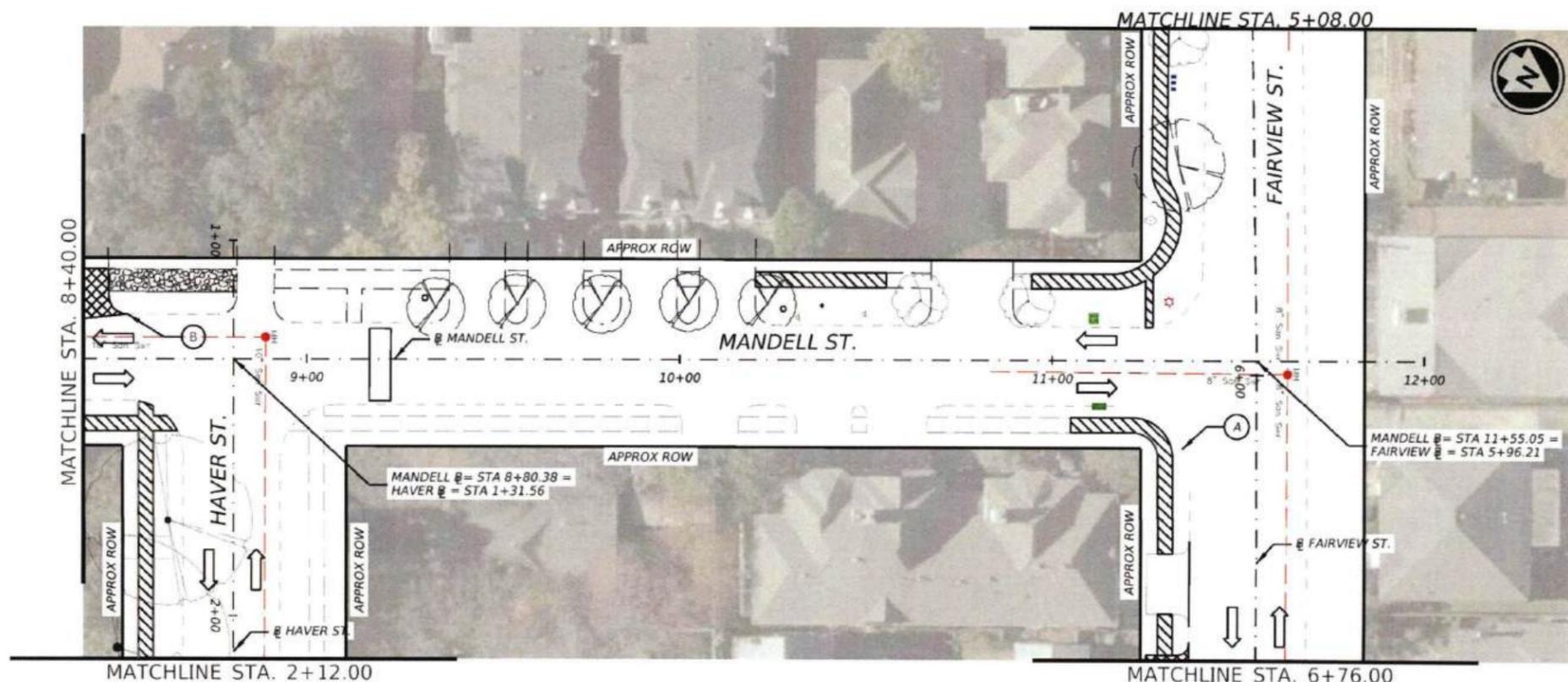
CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS
MANDELL STREET DEMOLITION LAYOUT
 BEGIN PROJ. TO STA 8+40

WBS NUMBER: N-T27000-01-7
 DRAWING TITLE: 80875
 AS NOTED
 CITY OF HOUSTON
 JADA HUANG
 SHEET NO. 17 OF 71

SHEET 1 OF 2

C:\Users\jhuang\OneDrive\Documents\Projects\2025\TXDOT\Printing\plcfcg\pdf-c.pltcfq
 Improvement 54-0-Production-Work\ng\4-1-CAD\Roadway\1320_DEMO_SHEETS_01.dgn



LEGEND

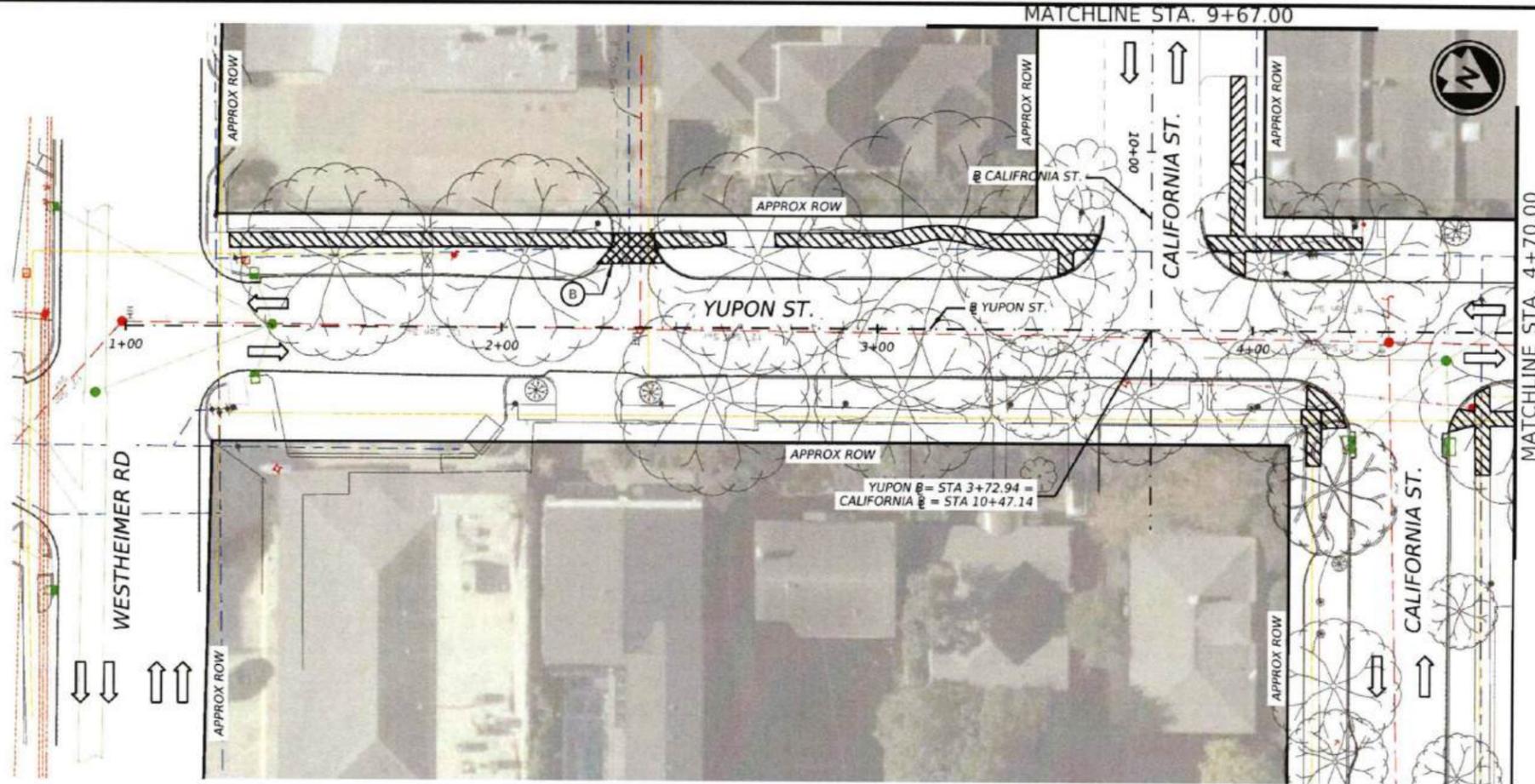
	REMOVE AND DISPOSE OF DRIVEWAY
	REMOVE AND DISPOSE OF SIDEWALK
	REMOVE AND DISPOSE OF CURB
	SAWCUT
	DIRECTION OF TRAFFIC



MONTROSE TAX INCREMENT REINVESTMENT ZONE 2J	
 Gauge ENGINEERING TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, #400 HOUSTON, TX 77079	 DAVID G. GREANEY 125563 LICENSED PROFESSIONAL ENGINEER CIVIL STATE OF TEXAS Gauge Engineering, LLC Texas Registered Engineering Firm F-20017
SURVEYED BY: AMANI ENGINEERING	
CITY OF HOUSTON HOUSTON PUBLIC WORKS	
CHERRYHURST SIDEWALK IMPROVEMENTS MANDELL STREET DEMOLITION LAYOUT STA 8+40 TO END PROJ.	
SHEET 2 OF 2	
WBS NUMBER N-T2700-00	FOR CITY OF HOUSTON USE ONLY 80875
DRAWING SCALE AS NOTED	
CITY OF HOUSTON JADA HUANG	
SHEET NO. 18 OF 7	

No.	DATE	REVISIONS	APP.

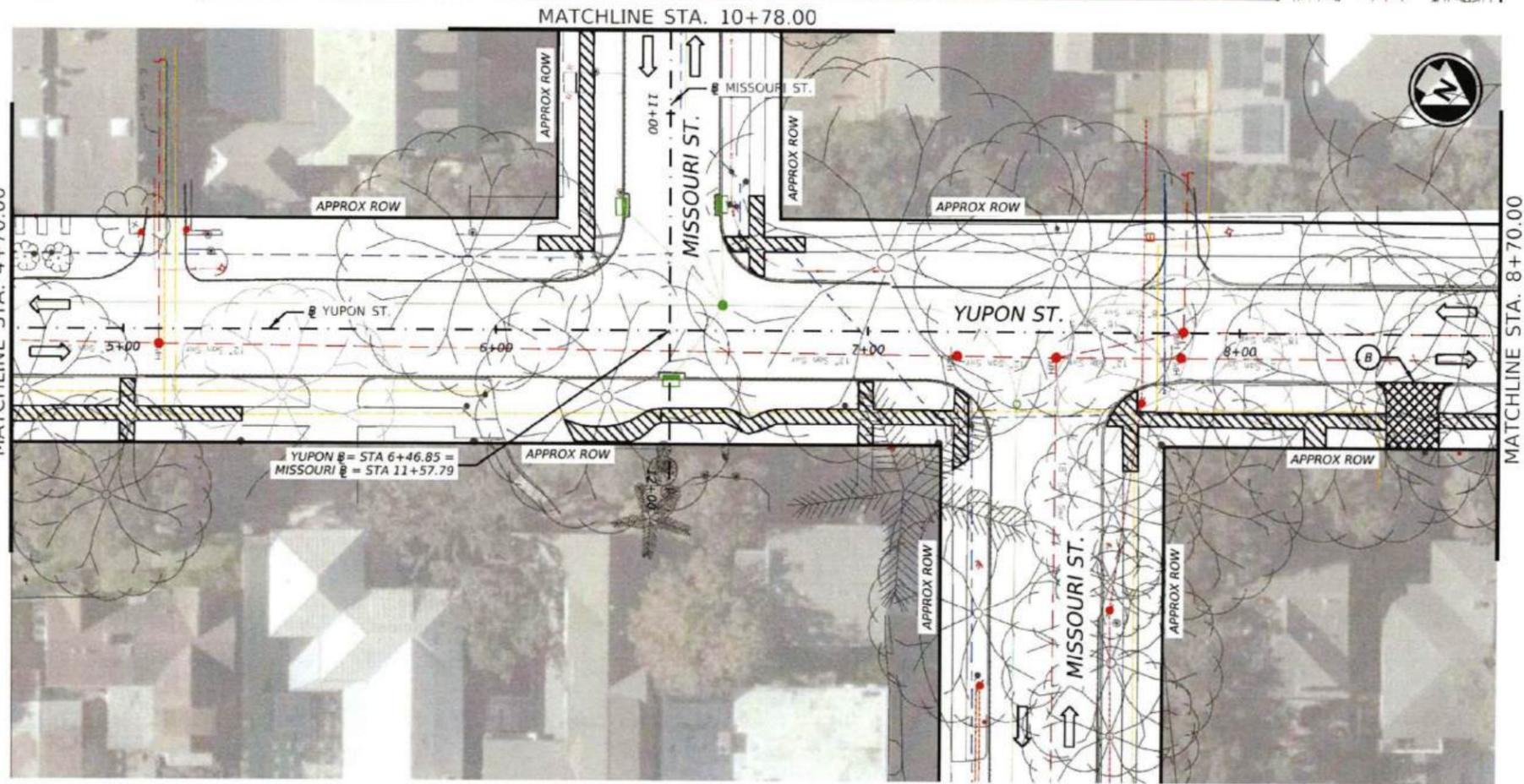
Pen Table: Tx+Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer CE\Configuration\2022\WorkSpaces\TXDOT\or int ing\p1tcfq\pdf-c.pltcfq
 Plotted on: 8/7/2025 5:42:46 PM sUSERe



LEGEND

- REMOVE AND DISPOSE OF DRIVEWAY
- REMOVE AND DISPOSE OF SIDEWALK
- REMOVE AND DISPOSE OF CURB
- SAWCUT
- DIRECTION OF TRAFFIC

NO.	DATE	REVISIONS	APP.



Gauge
ENGINEERING
TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079

SURVEYED BY:
AMANI ENGINEERING

DAVID G. GREANEY
125563
LICENSED PROFESSIONAL ENGINEER
Gauge Engineering, LLC
Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

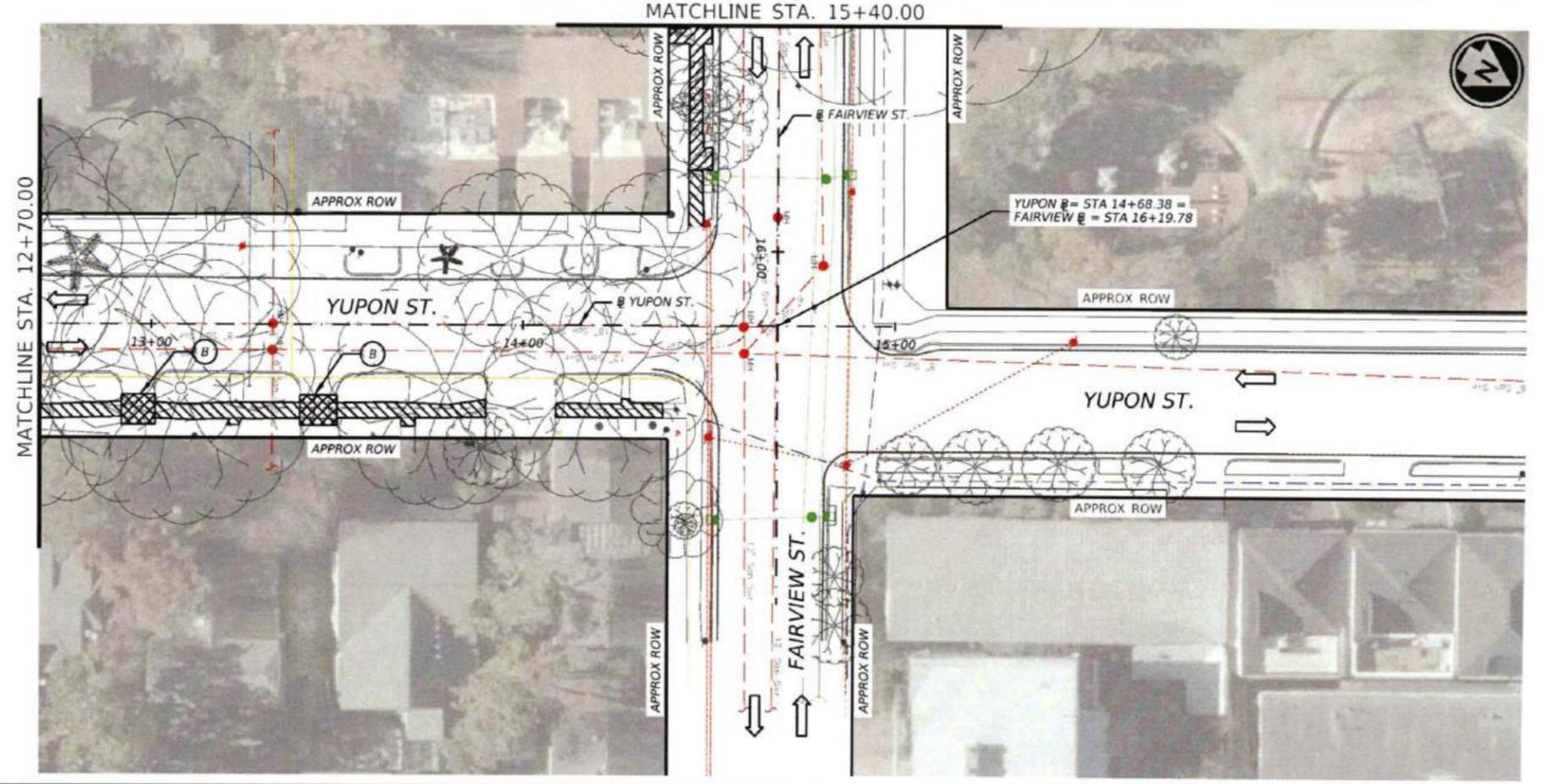
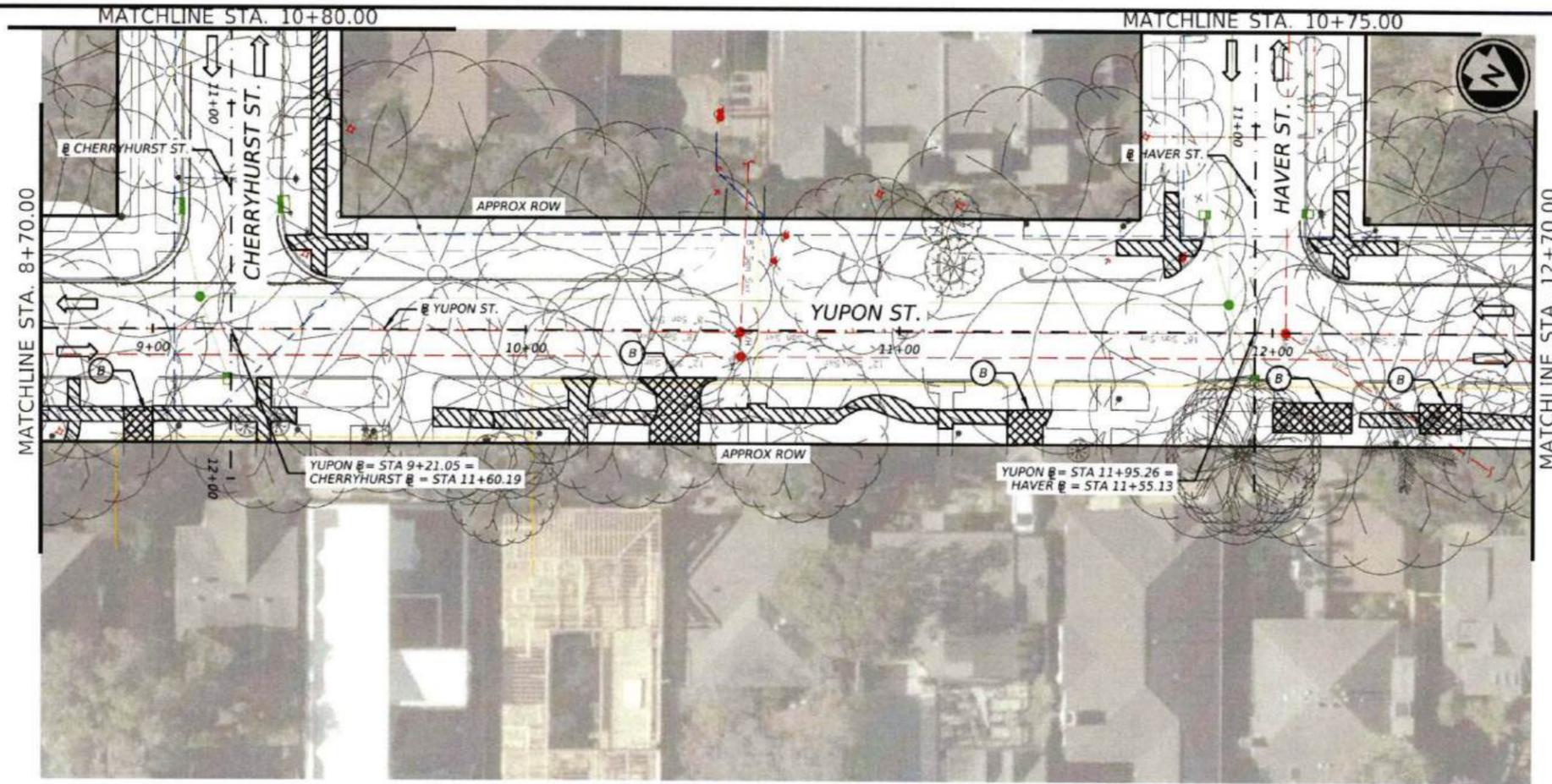
YUPON STREET DEMOLITION LAYOUT
BEGIN PROJ TO STA 8+70

SHEET 1 OF 2

WEB NUMBER	FOR CITY OF HOUSTON USE ONLY
H-127000-1	
DRAWING SCALE	80875
AS NOTED	
CITY OF HOUSTON PM	
JPDA NUMBER	
SHEET NO. 19 OF 34	

D:\Projects\2025\1320-Cherryhurst Sidewalk Improvements\4-0-Production-Working\4-1-CAD\Roadway\1320_DEMO_SHEETS_01.dgn

Pen Table: Tx+Pen.tbl
 Plot Driver: Mt\Bentley\OpenRoads Designer_C\Configuration\2022\WorkSpaces\TXDOT\Printing\pltrcfq\pdf-c.pltrcfq
 Plotted on: 8/7/2025 5:43:26 PM eUSER



LEGEND

	REMOVE AND DISPOSE OF DRIVEWAY
	REMOVE AND DISPOSE OF SIDEWALK
	REMOVE AND DISPOSE OF CURB
	SAWCUT
	DIRECTION OF TRAFFIC



MONTROSE
 TAX INCREMENT REVESTMENT ZONE 27

Gauge
 ENGINEERING
 TEXAS P.E. FIRM REG. # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079

STATE OF TEXAS
 DAVID G. GREANEY
 LICENSED PROFESSIONAL ENGINEER
 08/08/2005

SURVEYED BY:
 AMANI ENGINEERING

Gauge Engineering, LLC
 Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

YUPON STREET DEMOLITION LAYOUT
 STA 8+70 TO END PROJ.

SHEET 2 OF 2

DESIGN NUMBER FOR CITY OF HOUSTON: 80875

DRAWING TITLE: 80875

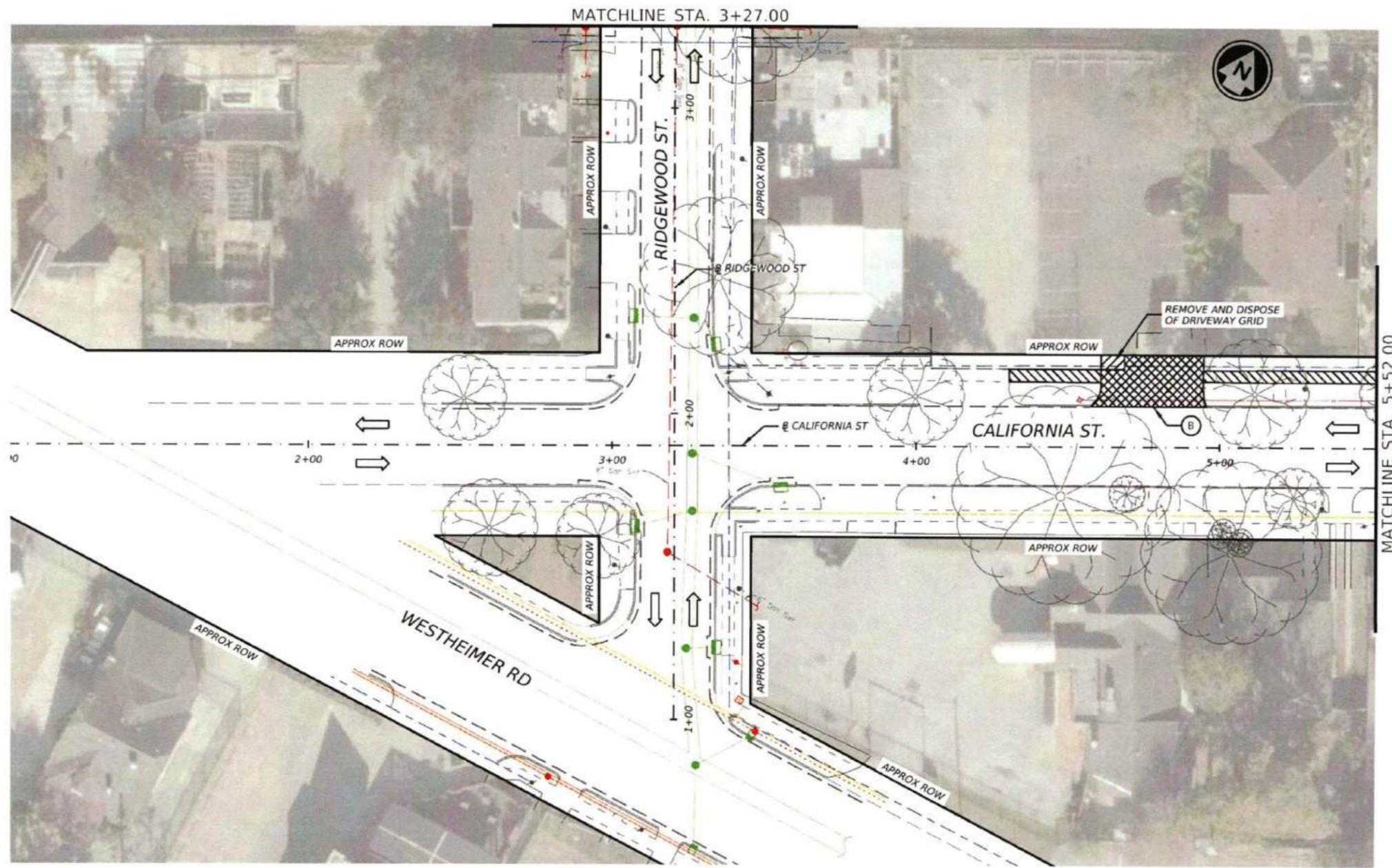
AS NOTED

CITY OF HOUSTON
 JINBA HUANG

SHEET NO. 20 OF

NO.	DATE	REVISIONS	APP.

Design File Name: P:\11320-Cherryhurst Sidewalk Improvement\4-0-Production-Work\mg\4-1-CAD\Roadway\1320_DEMO_SHEETS_01.dgn



LEGEND

-  REMOVE AND DISPOSE OF DRIVEWAY
-  REMOVE AND DISPOSE OF SIDEWALK
-  REMOVE AND DISPOSE OF CURB
-  SAWCUT
-  DIRECTION OF TRAFFIC



Gauge
 ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079

DAVID G. GREANEY
 125563
 08/08/2025
 Gauge Engineering, LLC
 Texas Registered Engineering Firm F-20017

SURVEYED BY:
 AMANI ENGINEERING

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

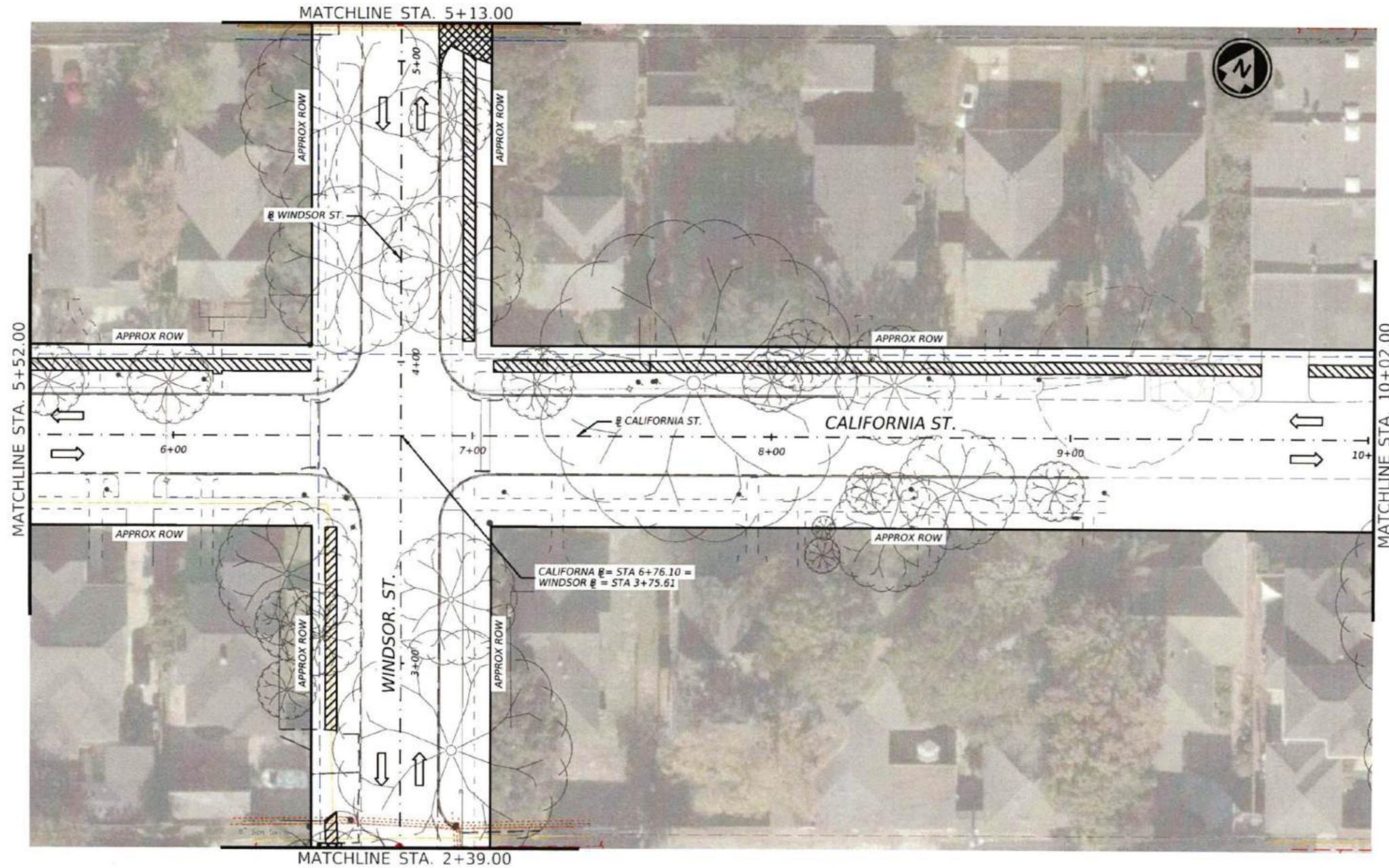
CHERRYHURST SIDEWALK IMPROVEMENTS
CALIFORNIA STREET DEMOLITION LAYOUT
 BEGIN PROJ. TO STA. 5+52

WEB NUMBER	FOR CITY OF HOUSTON USE ONLY
N-T27000-0	
DRAWING SCALE	
AS NOTED	
CITY OF HOUSTON P.M.	
JWDA HURST	
SHEET NO. 21 OF 71	

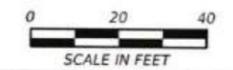
80875

NO.	DATE	REVISIONS	APP.

Design File Name: P:\1320_27\1320-Cherryhurst Sidewalk Improvements\4-0-Production-Work\mg\4-1-CAD\Roadway\1320_DEMO_SHEETS_02.dgn



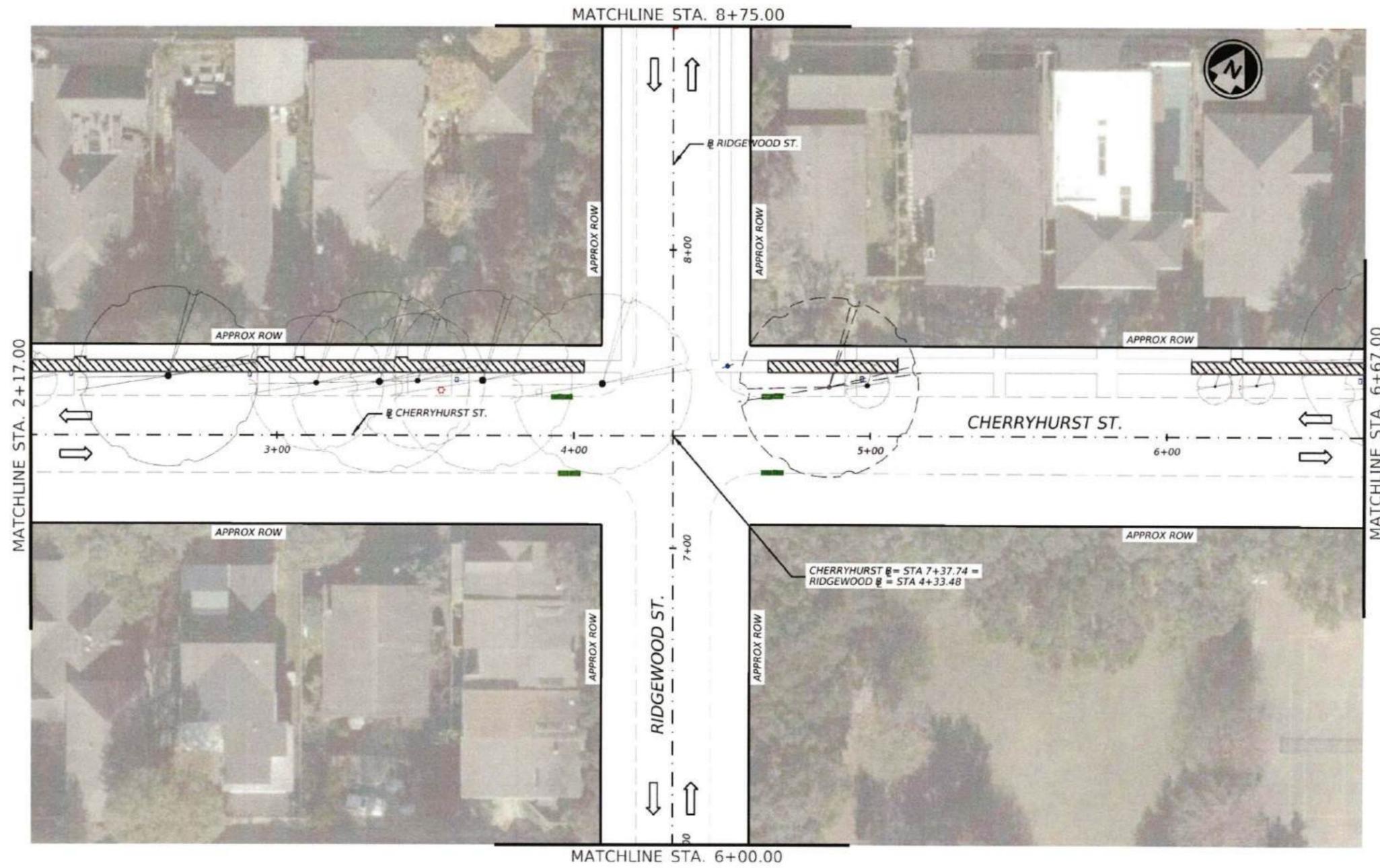
LEGEND	
	REMOVE AND DISPOSE OF DRIVEWAY
	REMOVE AND DISPOSE OF SIDEWALK
	REMOVE AND DISPOSE OF CURB
	SAWCUT
	DIRECTION OF TRAFFIC



MONTROSE TAX INCREMENT REINVESTMENT ZONE 27	
Gauge ENGINEERING TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, #400 HOUSTON, TX 77079	
SURVEYED BY: AMAHI ENGINEERING	
CITY OF HOUSTON HOUSTON PUBLIC WORKS	
CHERRYHURST SIDEWALK IMPROVEMENTS	
CALIFORNIA STREET DEMOLITION LAYOUT STA 5+52 TO STA 10+02	
SHEET 2 OF 2	
WBS NUMBER: N-T27000-14-7	FOR CITY OF HOUSTON USE ONLY
DRAWING SCALE: AS NOTED	80875
CITY OF HOUSTON	
JMD: HJRW	
SHEET NO. 22 OF	

NO.	DATE	REVISIONS	APP.

908 (on F:\Lenore\Plots\1122\271320-Cherryhurst Sidewalk Improvement\54-0-Production-Work\ng\4-1-CAD\Roadway\1320_DEMO SHEETS 02.dgn



LEGEND

- REMOVE AND DISPOSE OF DRIVEWAY
- REMOVE AND DISPOSE OF SIDEWALK
- REMOVE AND DISPOSE OF CURB
- SAWCUT
- DIRECTION OF TRAFFIC



MONTROSE
 TAX INCREMENT REINVESTMENT ZONE 27

Gauge
 ENGINEERING
 TEXAS PE FIRM REG # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079

STATE OF TEXAS
 DAVID G. GREANEY
 125563
 LICENSED PROFESSIONAL ENGINEER

SURVEYED BY:
 AMANI ENGINEERING
 Gauge Engineering, LLC
 Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS
 CHERRYHURST STREET DEMOLITION LAYOUT
 STA 2+17 TO STA 6+67

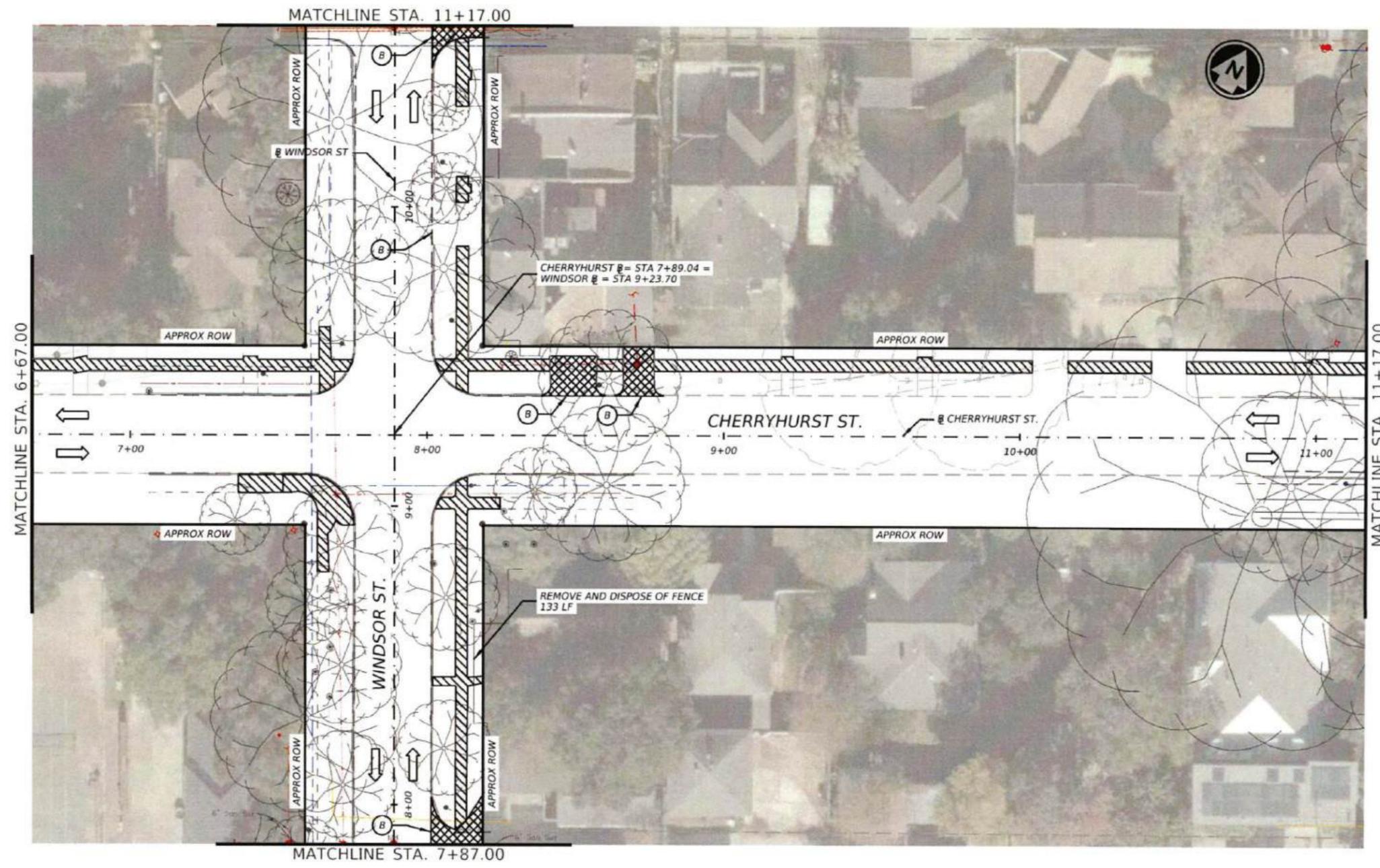
SHEET 1 OF 2

WBS NUMBER: N-T27000-000-1
 DRAWING SCALE: AS NOTED
 CITY OF HOUSTON PM: JWA HUNG
 SHEET NO. 23 OF

80875

NO.	DATE	REVISIONS

Pen Tables: Tx+Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer\CE\Config\ation\2022\WorkSpaces\TXDOT\pr\int\ing\p\itcfq\pdf-c.pltcfq
 Plotted on: 8/7/2025 5:44:50 PM sUSERS



LEGEND

- REMOVE AND DISPOSE OF DRIVEWAY
- REMOVE AND DISPOSE OF SIDEWALK
- REMOVE AND DISPOSE OF CURB
- SAWCUT
- DIRECTION OF TRAFFIC



MONTROSE
 TAX INCREMENT REVESTMENT ZONE 27

Gauge
 ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77078

DAVID G. GREANEY
 LICENSED PROFESSIONAL ENGINEER
 125563
 State of Texas

SURVEYED BY:
 AMANI ENGINEERING

Gauge Engineering LLC
 Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

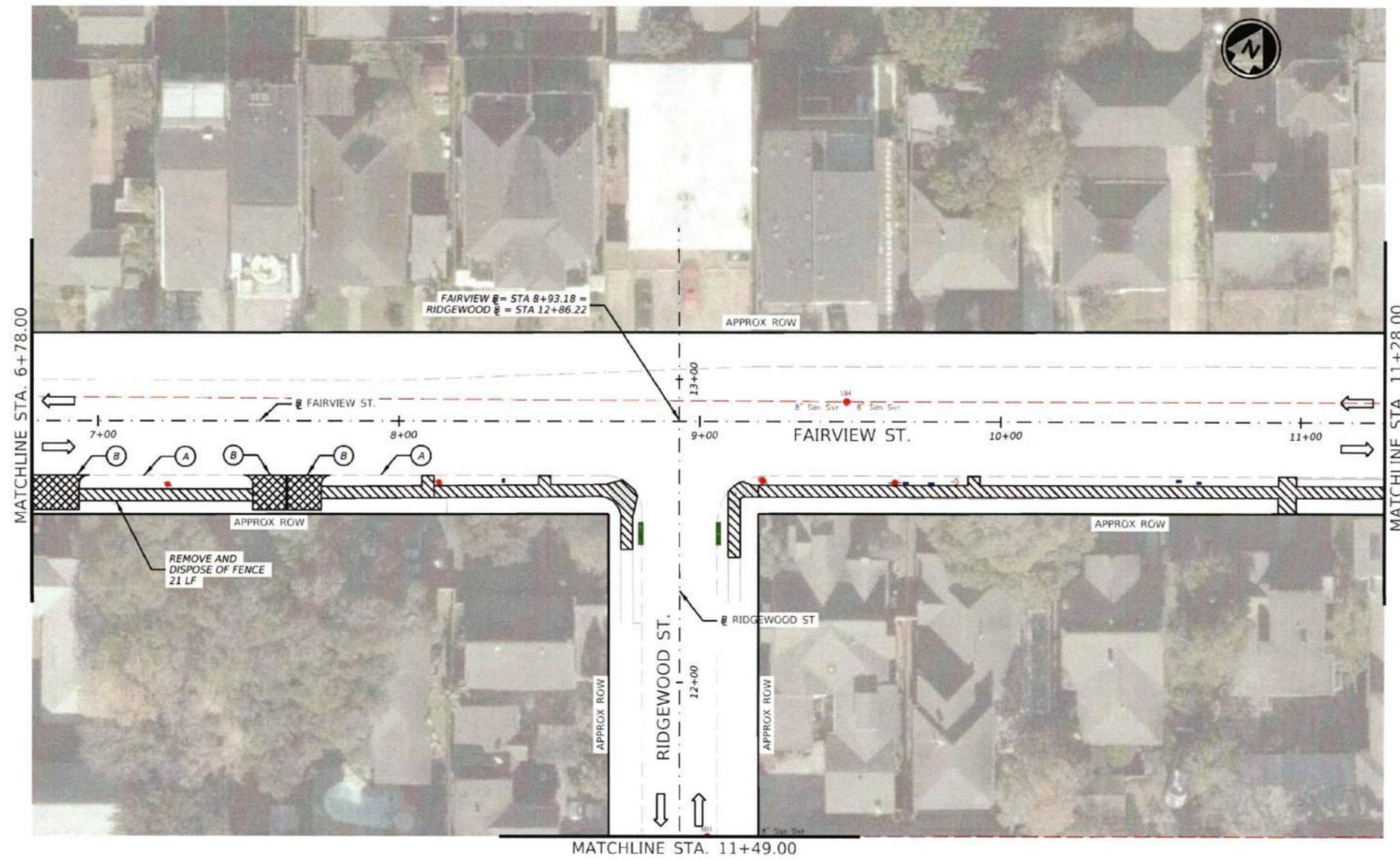
CHERRYHURST SIDEWALK IMPROVEMENTS
CHERRYHURST STREET DEMOLITION LAYOUT
 STA 6+67 TO STA 11+17

SHEET 2 OF 2

WEIS NUMBER	FOR CITY OF HOUSTON USE ONLY
N-T27000-001	80875
DRAWING SCALE	
AS NOTED	
CITY OF HOUSTON PROJECT	
DESIGNER	JDA HUNG
SHEET NO. 24 OF 71	

NO.	DATE	REVISIONS	APP.

Design File name: H:\1182_27\1320-Cherryhurst Sidewalk Improvements\4-0-Production-Work\ing\4-1-CAD\Roadway\1320_DEMO SHEETS 02.dgn



MONTROSE
 TAX INCENTIVE REINVESTMENT ZONE 22

Gauge
 ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079

SURVEYED BY:
 AMANI ENGINEERING

STATE OF TEXAS
 DAVID G. GREANEY
 125563
 LICENSED PROFESSIONAL ENGINEER

Gauge Engineering LLC
 Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS
 FAIRVIEW STREET
 DEMOLITION LAYOUT
 STA 6+78 TO STA 11+78

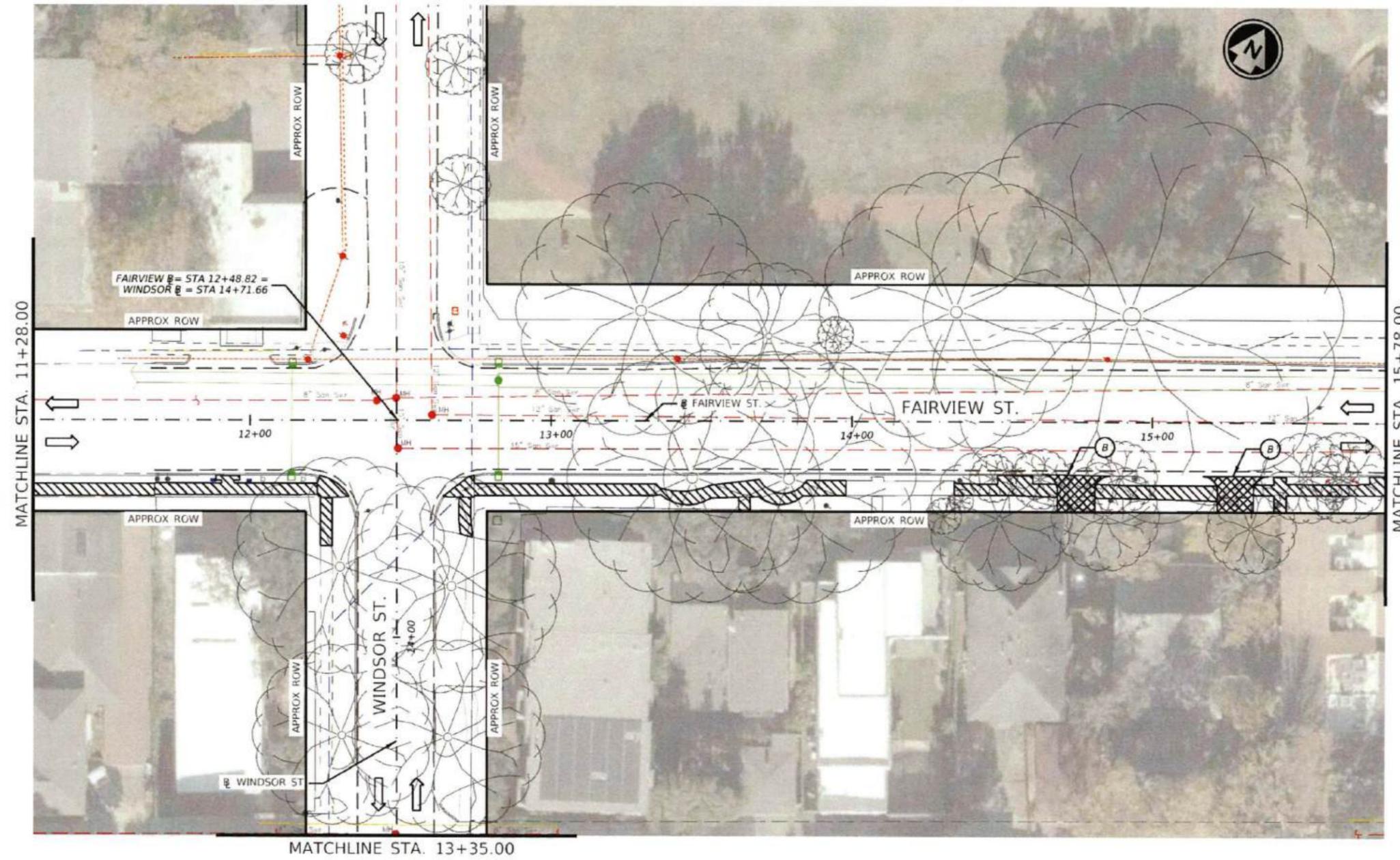
SHEET 1 OF 2

WBS NUMBER: N-T27000-0004-7
 DRAWING SCALE: AS NOTED
 CITY OF HOUSTON
 JADA HUANG
 SHEET NO. 25 OF 71

80875

NO.	DATE	REVISIONS	APP.

Pen Tables: TxPen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer\CE\Conf\gation\2022\WorkSpaces\TXDOT\p\rinting\p\itcrg\pdf-c.pltcfq
 Plotted on: 8/7/2025 5:45:28 PM #USERS



LEGEND

-  REMOVE AND DISPOSE OF DRIVEWAY
-  REMOVE AND DISPOSE OF SIDEWALK
-  REMOVE AND DISPOSE OF CURB
-  SAWCUT
-  DIRECTION OF TRAFFIC



Gauge
 ENGINEERING
 TEXAS PE FIRM REG # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079

STATE OF TEXAS
 DAVID G. GREANEY
 LICENSED PROFESSIONAL ENGINEER
 GAUGE ENGINEERING, LLC
 TEXAS REGISTERED ENGINEERING FIRM F-20017

SURVEYED BY:
 AMANI ENGINEERING

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

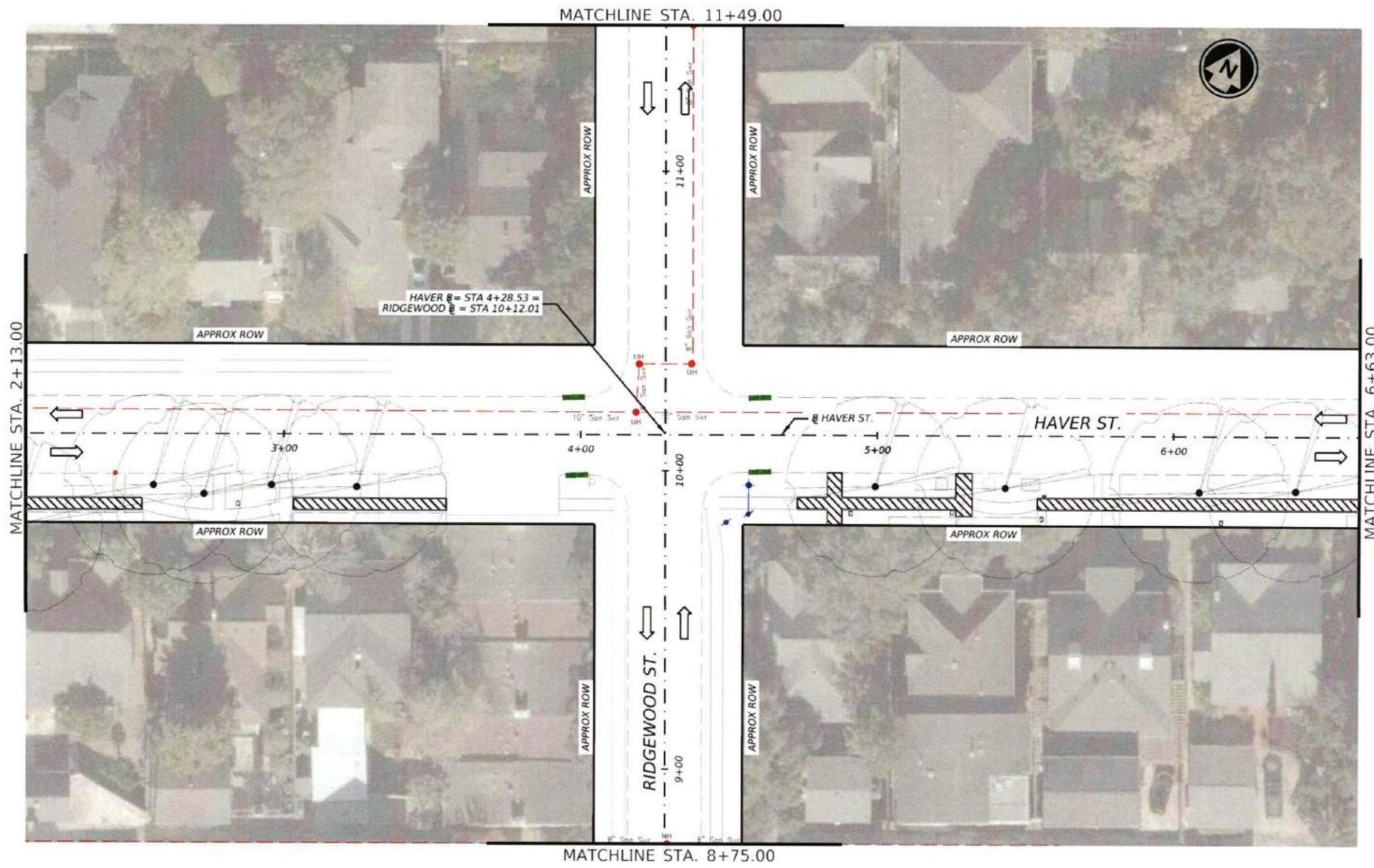
CHERRYHURST SIDEWALK IMPROVEMENTS
FAIRVIEW STREET DEMOLITION LAYOUT
 STA 11+28 TO STA 15+78

SHEET 2 OF 2

WEB NUMBER	FOR CITY OF HOUSTON USE ONLY
NH-T27000-014-7	
DRAWING SCALE	80875
AS SHOWN	
CITY OF HOUSTON	
JMDA HJAH	
SHEET NO. 26	

NO.	DATE	REVISIONS	APP.

C:\Users\jmda\OneDrive\Documents\2025\Projects\TXDOT\p\rinting\p\itcrg\pdf-c.pltcfq
 M:\Bentley\OpenRoads Designer\CE\Conf\gation\2022\WorkSpaces\TXDOT\p\rinting\p\itcrg\pdf-c.pltcfq
 2025-08-07 15:45:28



LEGEND

-  REMOVE AND DISPOSE OF DRIVEWAY
-  REMOVE AND DISPOSE OF SIDEWALK
-  REMOVE AND DISPOSE OF CURB
-  SAWCUT
-  DIRECTION OF TRAFFIC



Gauge ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, #409
 HOUSTON, TX 77079

STATE OF TEXAS
 DAVID G. GREANEY
 125563
 LICENSED PROFESSIONAL ENGINEER

SURVEYED BY:
 AMANI ENGINEERING

Gauge Engineering, LLC
 Texas Registered Engineering Firm F-20017

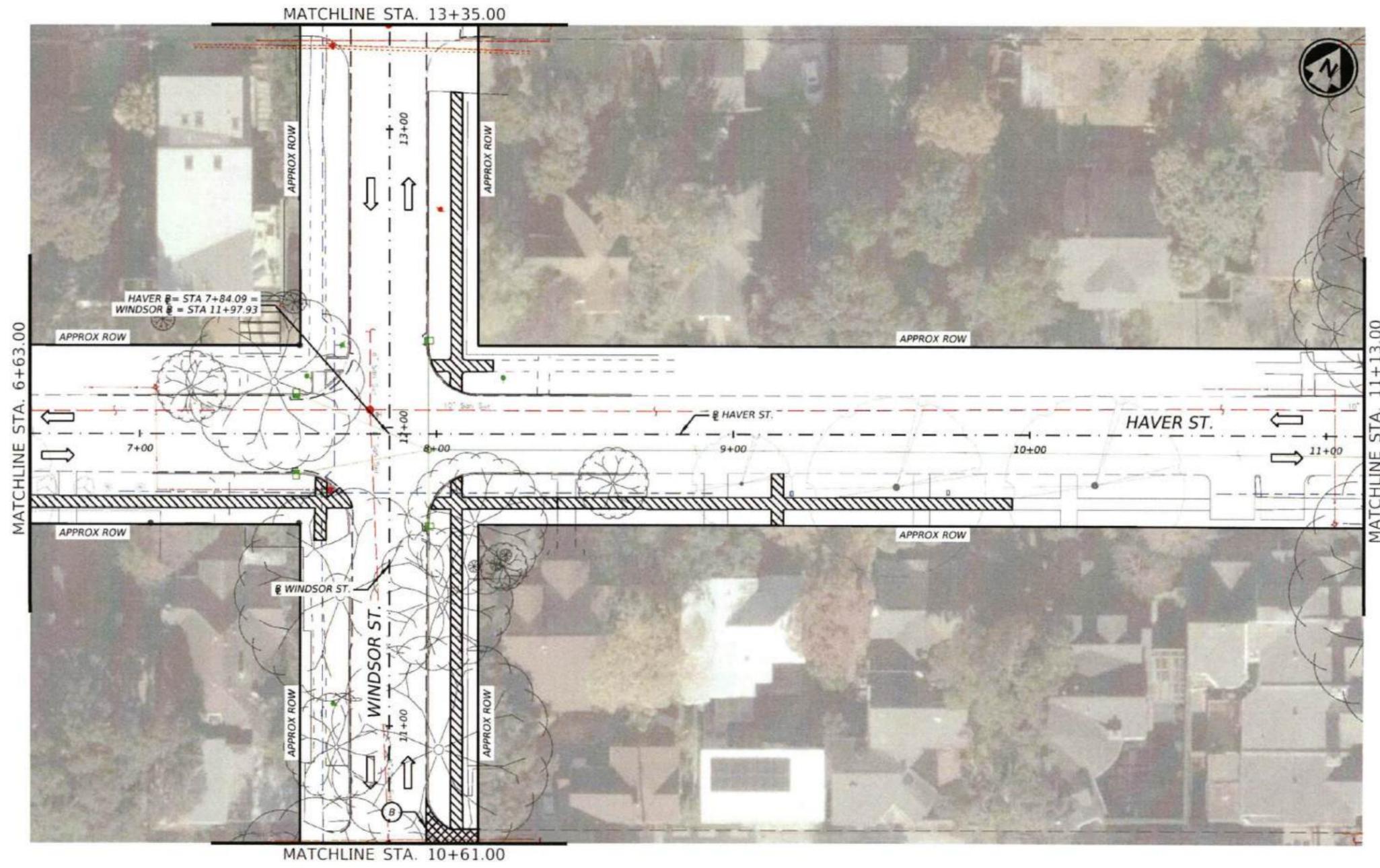
CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS
HAYER STREET DEMOLITION LAYOUT
 STA 2+13 TO STA 6+63

SHEET 1 OF 2

WBS NUMBER	N-T27000-001
DRAWING SCALE	AS NOTED
CITY OF HOUSTON	JDA HJANG
SHEET NO. 27 OF 71	80875

NO.	DATE	REVISIONS	APP.



LEGEND

	REMOVE AND DISPOSE OF DRIVEWAY
	REMOVE AND DISPOSE OF SIDEWALK
	REMOVE AND DISPOSE OF CURB
	SAWCUT
	DIRECTION OF TRAFFIC



MONTROSE
 TAX INCENTIVE REINVESTMENT ZONE 27

Gauge
 ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079

STATE OF TEXAS
 DAVID G. GREANEY
 125563
 LICENSED PROFESSIONAL ENGINEER

SURVEYED BY:
 ANAMI ENGINEERING

Gauge Engineering, LLC
 Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

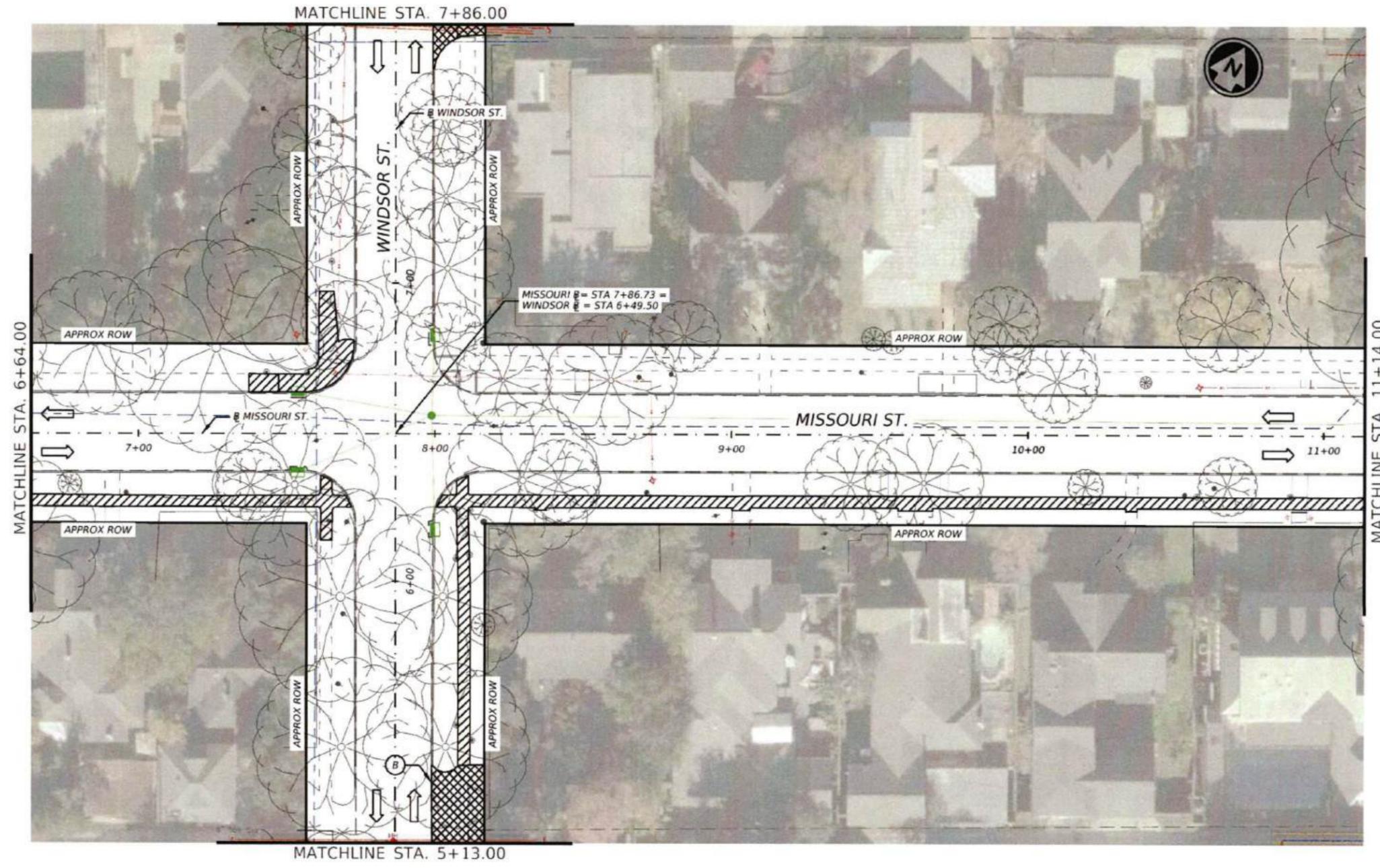
CHERRYHURST SIDEWALK IMPROVEMENTS
HAYER STREET DEMOLITION LAYOUT
 STA 6+63 TO STA 11+13

SHEET 2 OF 2

WBS NUMBER	N-T27000-0014
DRAWING SCALE	AS NOTED
CITY OF HOUSTON	JDA HUNG
SHEET NO. 28	OF 71

80875

NO.	DATE	REVISIONS	APP.



LEGEND

-  REMOVE AND DISPOSE OF DRIVEWAY
-  REMOVE AND DISPOSE OF SIDEWALK
-  REMOVE AND DISPOSE OF CURB
-  SAWCUT
-  DIRECTION OF TRAFFIC

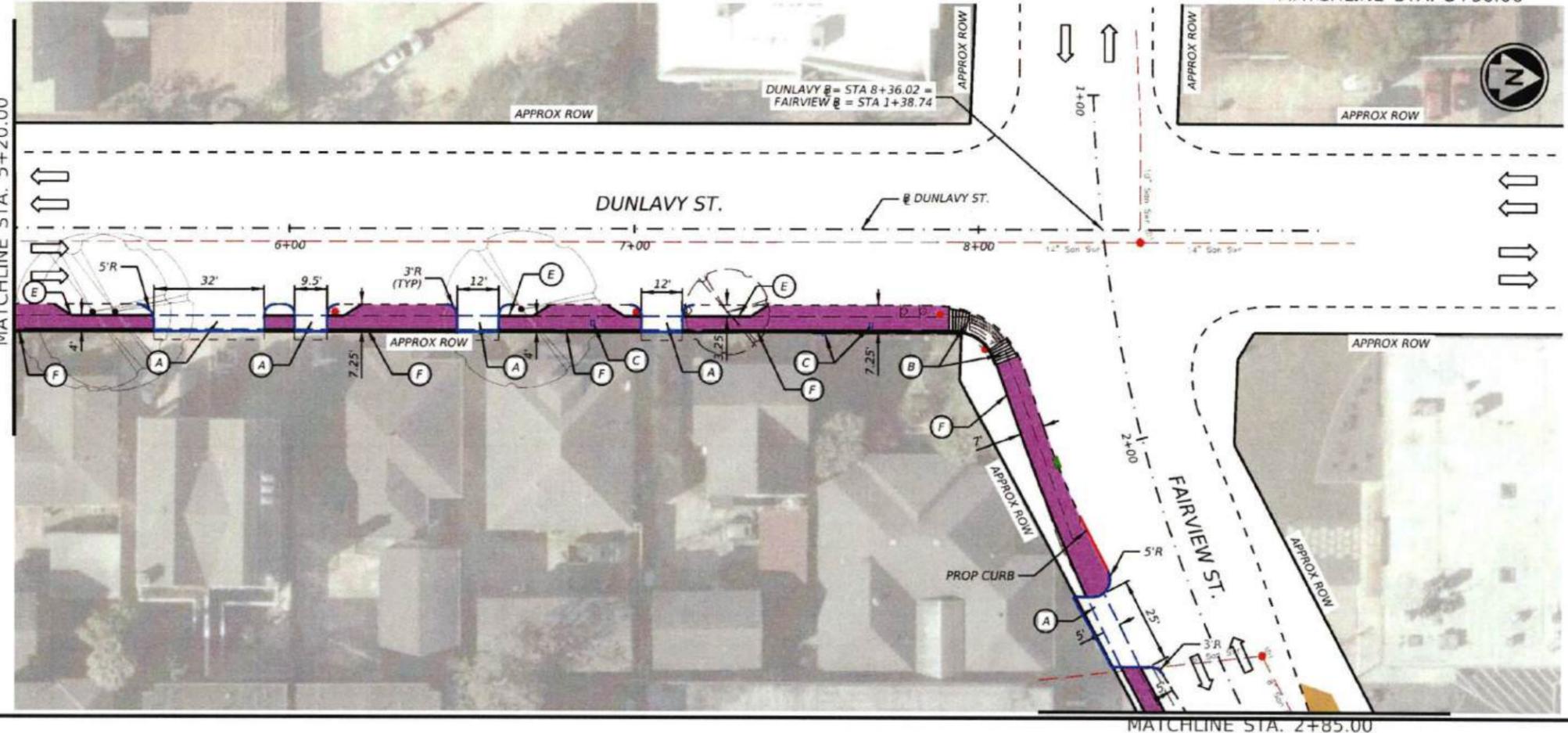
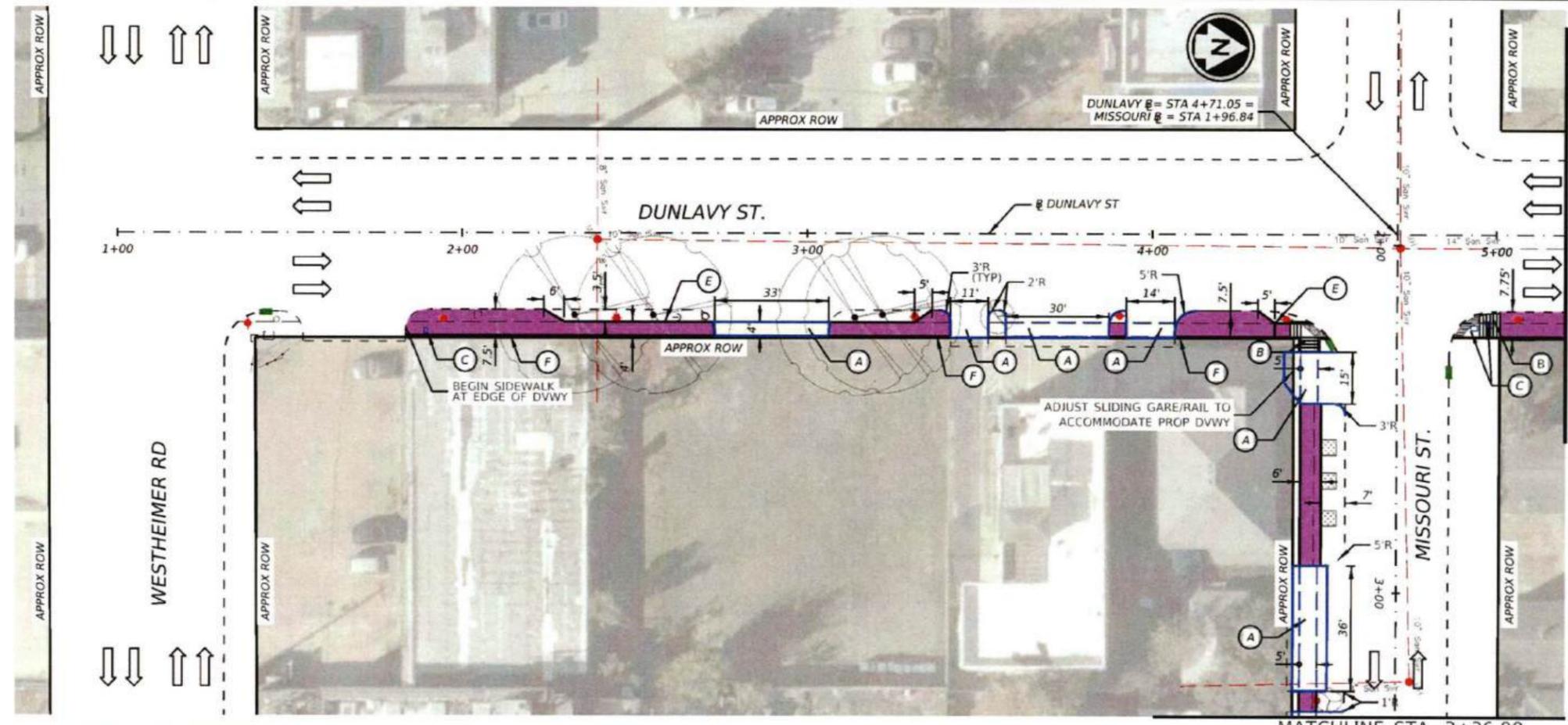


	
 GAUGE ENGINEERING TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, #400 HOUSTON, TX 77079	 DAVID G. GREANEY LICENSED PROFESSIONAL ENGINEER 125563 08/08/2025 Gauge Engineering, LLC Texas Registered Engineering Firm F-20017
SURVEYED BY: AMAHI ENGINEERING	
CITY OF HOUSTON HOUSTON PUBLIC WORKS	
CHERRYHURST SIDEWALK IMPROVEMENTS MISSOURI STREET DEMOLITION LAYOUT STA 6+64 TO STA 11+14	
SHEET 2 OF 2	
WEB NUMBER: N-T27000-01	FORM CITY OF HOUSTON USE ONLY
DRAWING SCALE: AS NOTED	80875
CITY OF HOUSTON PM: JMDA HUANG	
SHEET NO. 30 OF	

NO.	DATE	REVISIONS	APP.

Pen Table: Tx+Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer_CAD\Configuration\2022\WorkSpaces\TXDOT\print\ing\p\d\c\g\pdf-c.plt\c\g

Plotted on: 8/7/2025 5:47:41 PM 9USERS



LEGEND

- PROP SIDEWALK
- PROP RIPRAP
- PROP COARSE SAND W/ SOD
- PROP CURB AND GUTTER
- (A) PROP CONC DRIVEWAY
- (B) PROP WHEEL CHAIR RAMP
- (C) ADJUST TO GRADE
- (D) PROP 4" CONC RIPRAP
- (E) MATCH FACE OF SDWK/DRWY
- (F) MATCH BACK OF SDWK/DRWY
- - - - - EXIST EDGE OF PAVEMENT
- DIRECTION OF TRAFFIC

NOTES:

1. ALL DISTANCES ARE APPROXIMATE.
 2. PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWVY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
 3. RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
 4. CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
 5. BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
 6. SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH
- 0 20 40
SCALE IN FEET

MONTROSE
TAX INCREMENT REINVESTMENT (TIRE 2)

Gauge
ENGINEERING
TEXAS PE FIRM REG # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079

STATE OF TEXAS
DAVID G. GREANEY
125563
LICENSED PROFESSIONAL ENGINEER

SURVEYED BY:
AMANI ENGINEERING

Gauge Engineering, LLC
Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

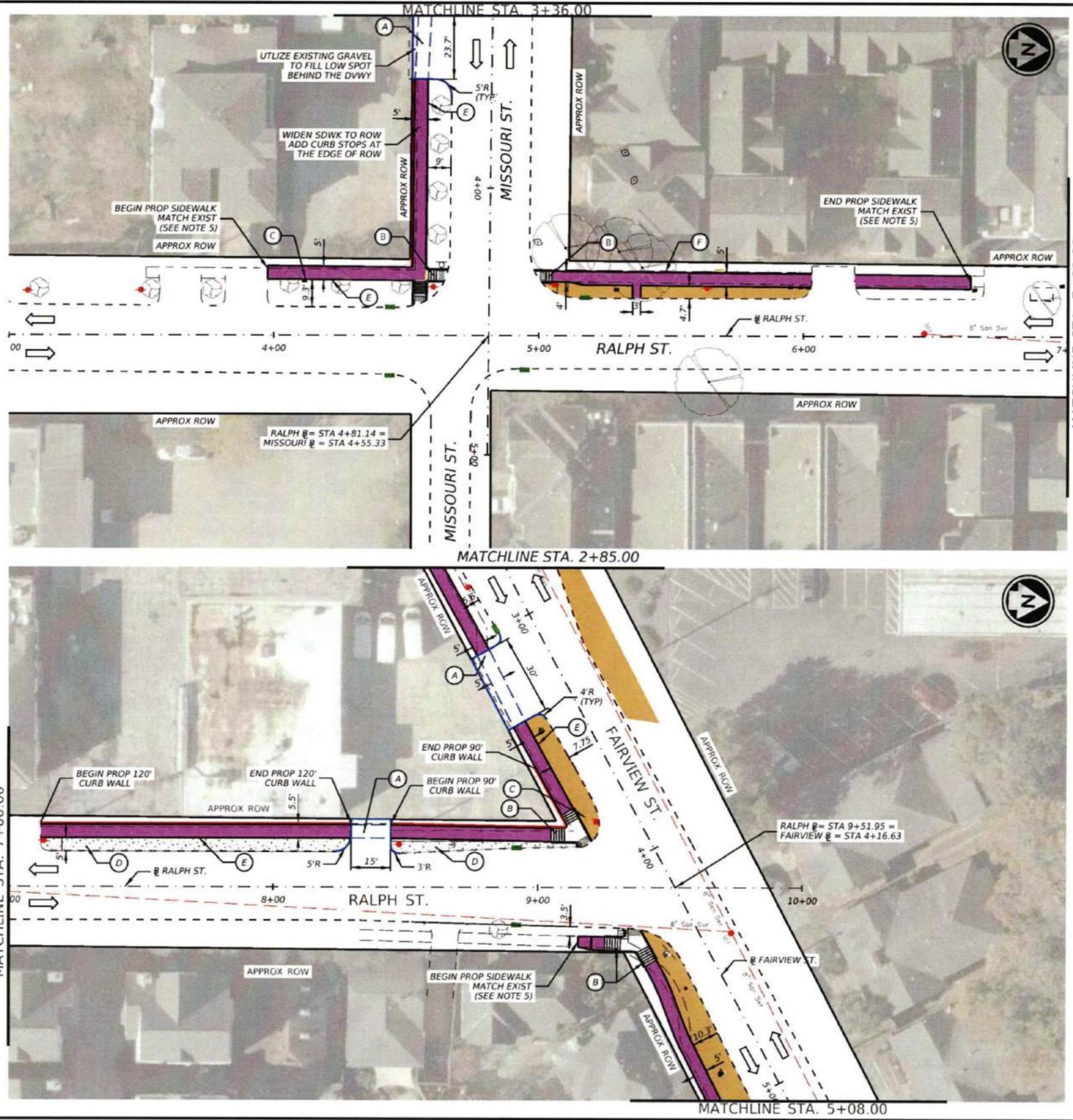
CHERRYHURST SIDEWALK IMPROVEMENTS

DUNLAVY STREET SIDEWALK IMPROVEMENTS
STA 1+00 TO STA 9+00

SHEET 1 OF 2

WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
N-T27600-004-T	
DRAWING TITLE	80875
AS NOTED	
CITY OF HOUSTON PROJECT NO.	
JDA/HJB	
SHEET NO. 32 OF	

Design File name: P:\2022\Projects\Cherryhurst Sidewalk Improvements\4-0-Production-Working\4-1-CAD\Roadway\1320_SDWK_SHEETS_01.dgn

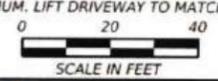


LEGEND

- PROP SIDEWALK
- PROP RIPRAP
- PROP COARSE SAND W/ SOD
- PROP CURB AND GUTTER
- (A) PROP CONC DRIVEWAY
- (B) PROP WHEEL CHAIR RAMP
- (C) ADJUST TO GRADE
- (D) PROP 4" CONC RIPRAP
- (E) MATCH FACE OF SDWK/DRWY
- (F) MATCH BACK OF SDWK/DRWY
- - - - - EXIST EDGE OF PAVEMENT
- DIRECTION OF TRAFFIC

NOTES:

- ALL DISTANCES ARE APPROXIMATE.
- PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
- RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
- CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
- BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
- SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH



MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079

STATE OF TEXAS
DAVID G. GREANEY
125563
LICENSED PROFESSIONAL ENGINEER
08/08/2025

SURVEYED BY:
AMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS
RALPH STREET SIDEWALK IMPROVEMENTS
STA 2+00 TO END PROJ.

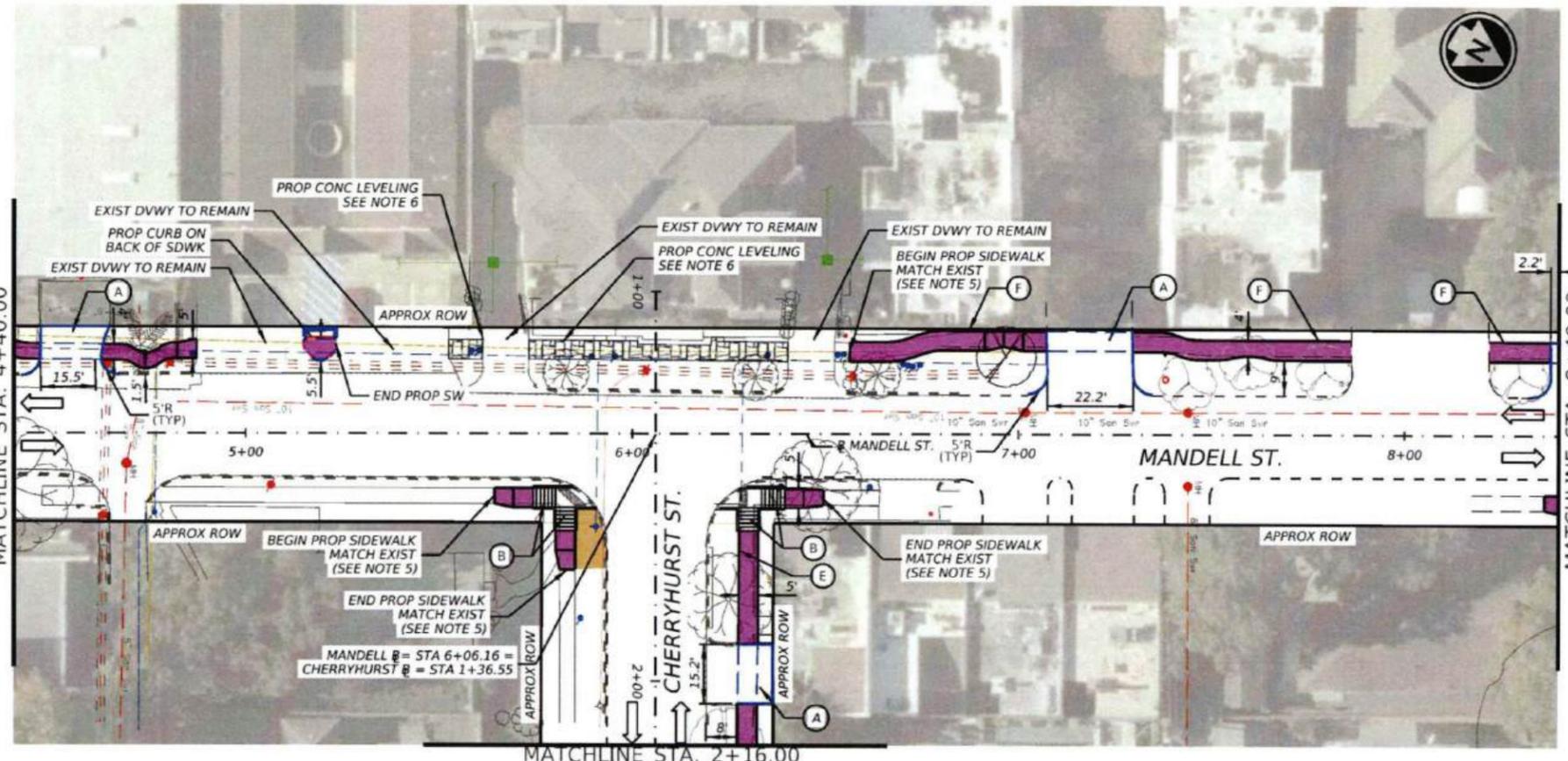
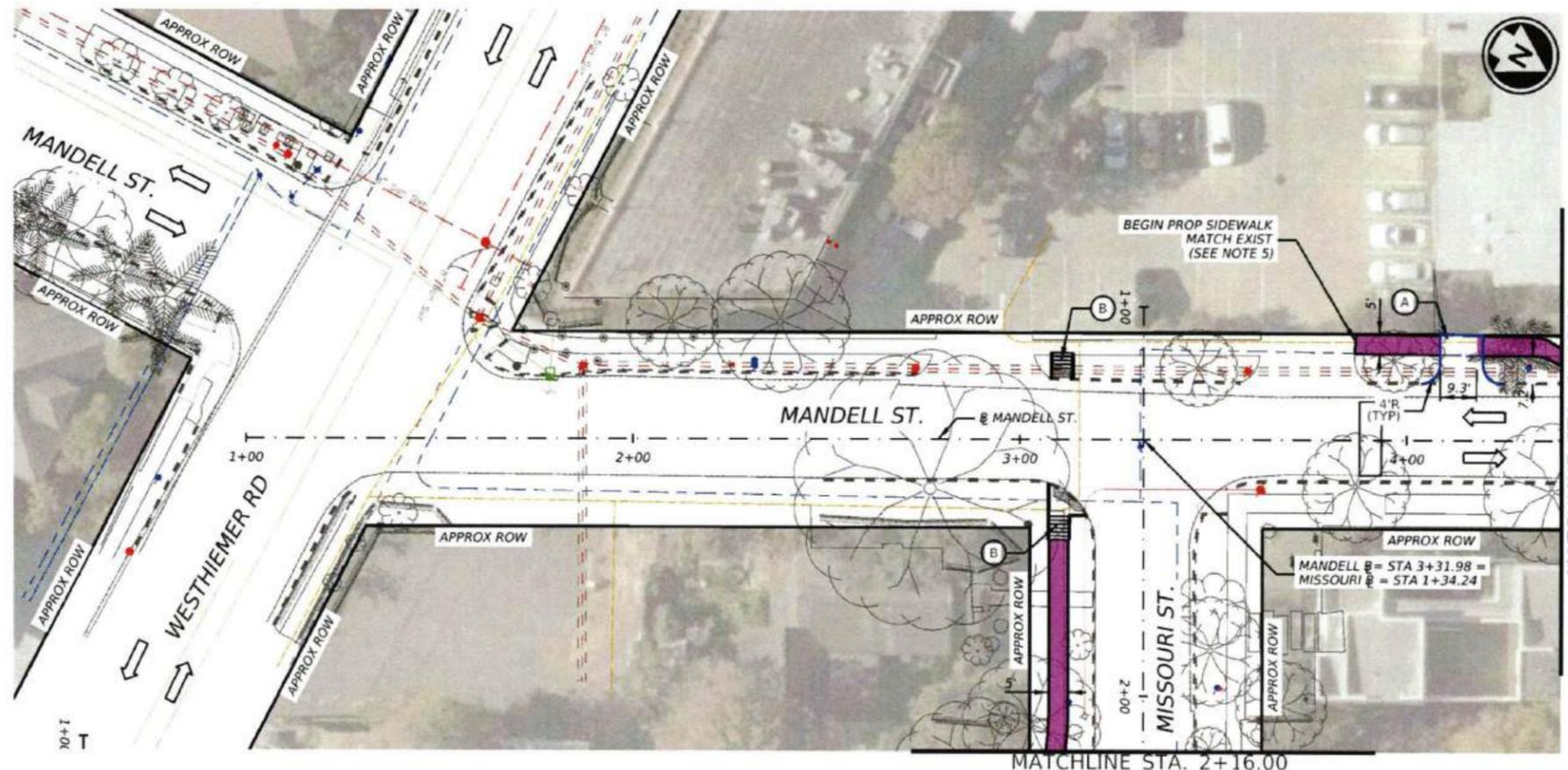
SHEET 1 OF 1

WBS NUMBER: N-T27000-0014
DRAWING SCALE: AS NOTED
CITY OF HOUSTON PROJECT NO: JHD-HUNG
SHEET NO. 33 OF 71

80875

Design File name: p:\182-27\1320-Cherryhurst Sidewalk Improvements\4-0-Production-Working\4-1-CAD\Roadway\1320-SDWK SHEETS 01.dgn

Pen Table: TxPen.tbl
 Plot Driver: Mr.Bentley\OpenRoads Designer CE\Config\ration\2022\WorkSpaces\TXDOT\pr\int\ing\p\itc\fg\pdf-c.plt\c\fg
 Plotted on: 8/7/2025 5:48:53 PM sUSERS



LEGEND	
	PROP SIDEWALK
	PROP RIPRAP
	PROP COARSE SAND W/ SOD
	PROP CURB AND GUTTER
	PROP CONC DRIVEWAY
	PROP WHEEL CHAIR RAMP
	ADJUST TO GRADE
	PROP 4" CONC RIPRAP
	MATCH FACE OF SDWK/DRWY
	MATCH BACK OF SDWK/DRWY
	EXIST EDGE OF PAVEMENT
	DIRECTION OF TRAFFIC

NOTES:

1. ALL DISTANCES ARE APPROXIMATE.
2. PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DVWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
3. RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
4. CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
5. BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
6. SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH

SCALE IN FEET
 0 20 40

MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
TEXAS REG. #1994 REG. # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079

SURVEYED BY:
SAMMI ENGINEERING

DAVID G. GREANEY
125563
08/01/2025

Gauge Engineering, LLC
Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS
MANDELL STREET
SIDEWALK IMPROVEMENTS
BEGIN PROP TO STA 8+40

SHEET 1 OF 2

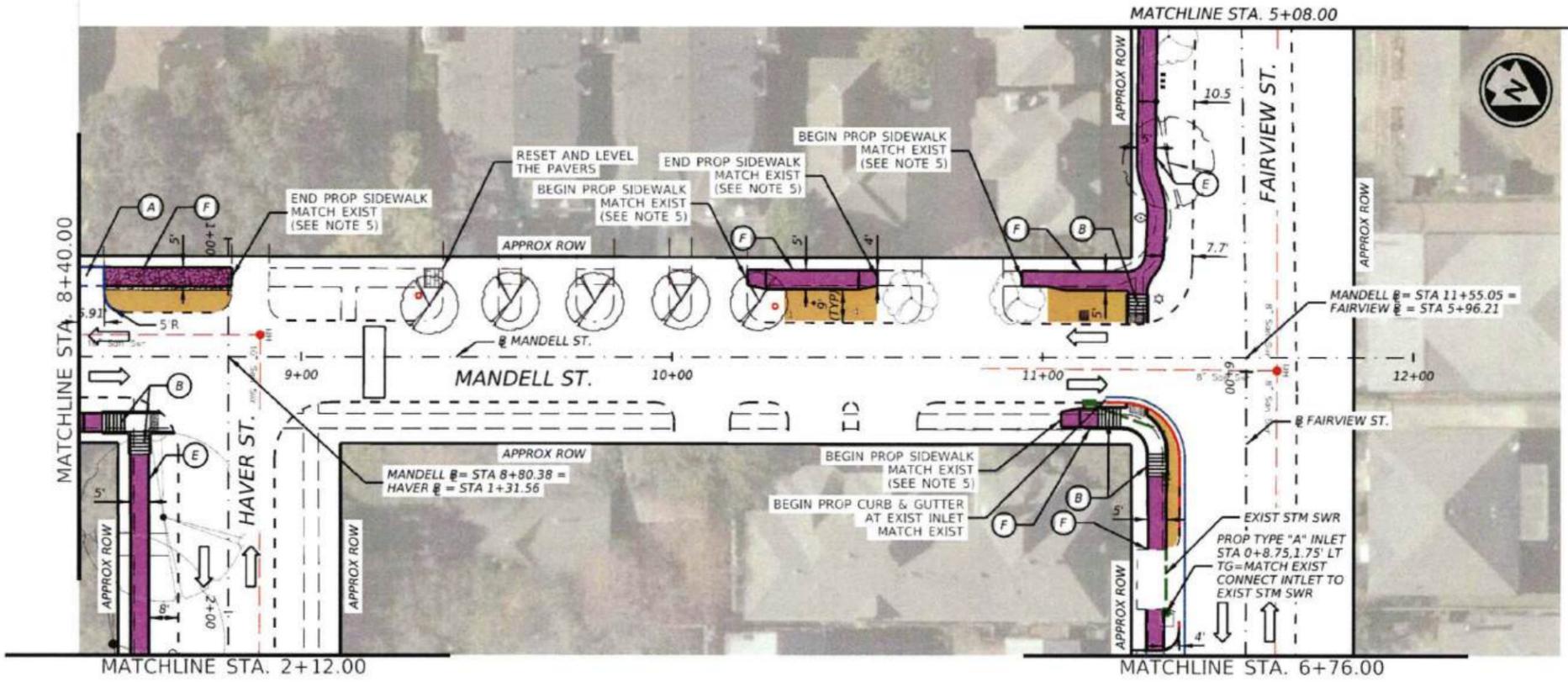
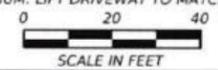
WBS NUMBER	
N-T27000-00-7	
DRAWING SCALE	80875
AS NOTED	
CITY OF HOUSTON	
JADA HUANG	
SHEET NO. 34 OF 71	

Design File name: P:\112\1320-Cherryhurst Sidewalk Improvements\4-0-0-Product Ion-Work In\4-1-CAD\Roadway\1320_SDWK_SHEETS 01.dwg

Pen Table: Tx+Pen.tbl
 Plot Driver: Mt\Bentley\Openroads Designer CE\Config\at\2022\WorkSpaces\TXDOT\or\int\ing\p\itcf\g\pdf-c.pltcfq
 Plotted on: 8/7/2025 5:49:14 PM sUSERS

LEGEND	
	PROP SIDEWALK
	PROP RIPRAP
	PROP COARSE SAND W/ SOD
	PROP CURB AND GUTTER
	PROP CONC DRIVEWAY
	PROP WHEEL CHAIR RAMP
	ADJUST TO GRADE
	PROP 4" CONC RIPRAP
	MATCH FACE OF SDWK/DRWY
	MATCH BACK OF SDWK/DRWY
	EXIST EDGE OF PAVEMENT
	DIRECTION OF TRAFFIC

- NOTES:
- ALL DISTANCES ARE APPROXIMATE.
 - PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
 - RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
 - CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
 - BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
 - SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH



MONTROSE
 TAX INCREMENT REINVESTMENT ZONE 27

Gauge
 ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 125563
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079

STATE OF TEXAS
 DAVID G. GREANEY
 LICENSED PROFESSIONAL ENGINEER
 08/08/2005
 Gauge Engineering, LLC
 Texas Registered Engineering Firm F-20017

SURVEYED BY:
 AMANI ENGINEERING

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS
MANDELL STREET SIDEWALK IMPROVEMENTS
 STA 8+40 TO END PROJ.

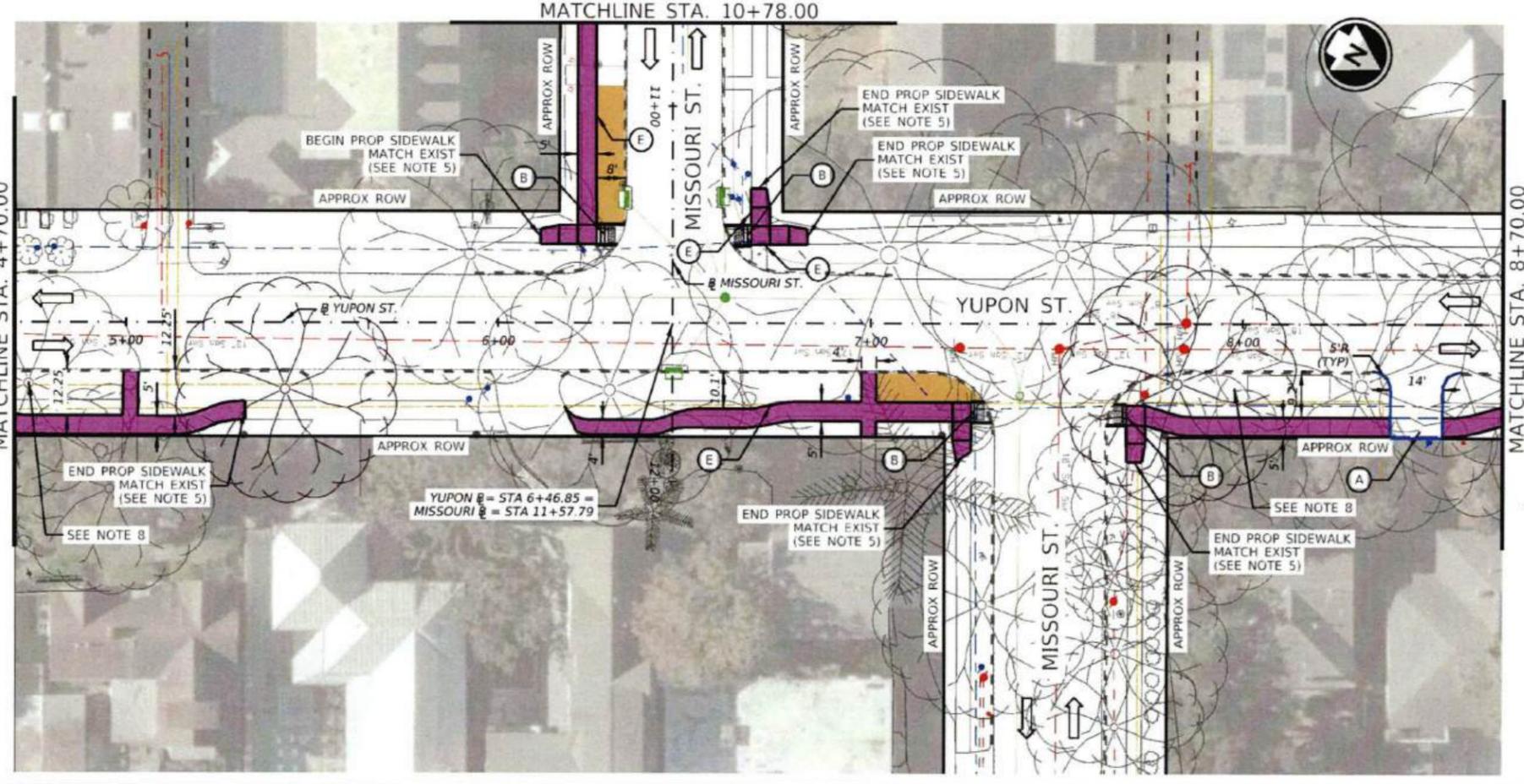
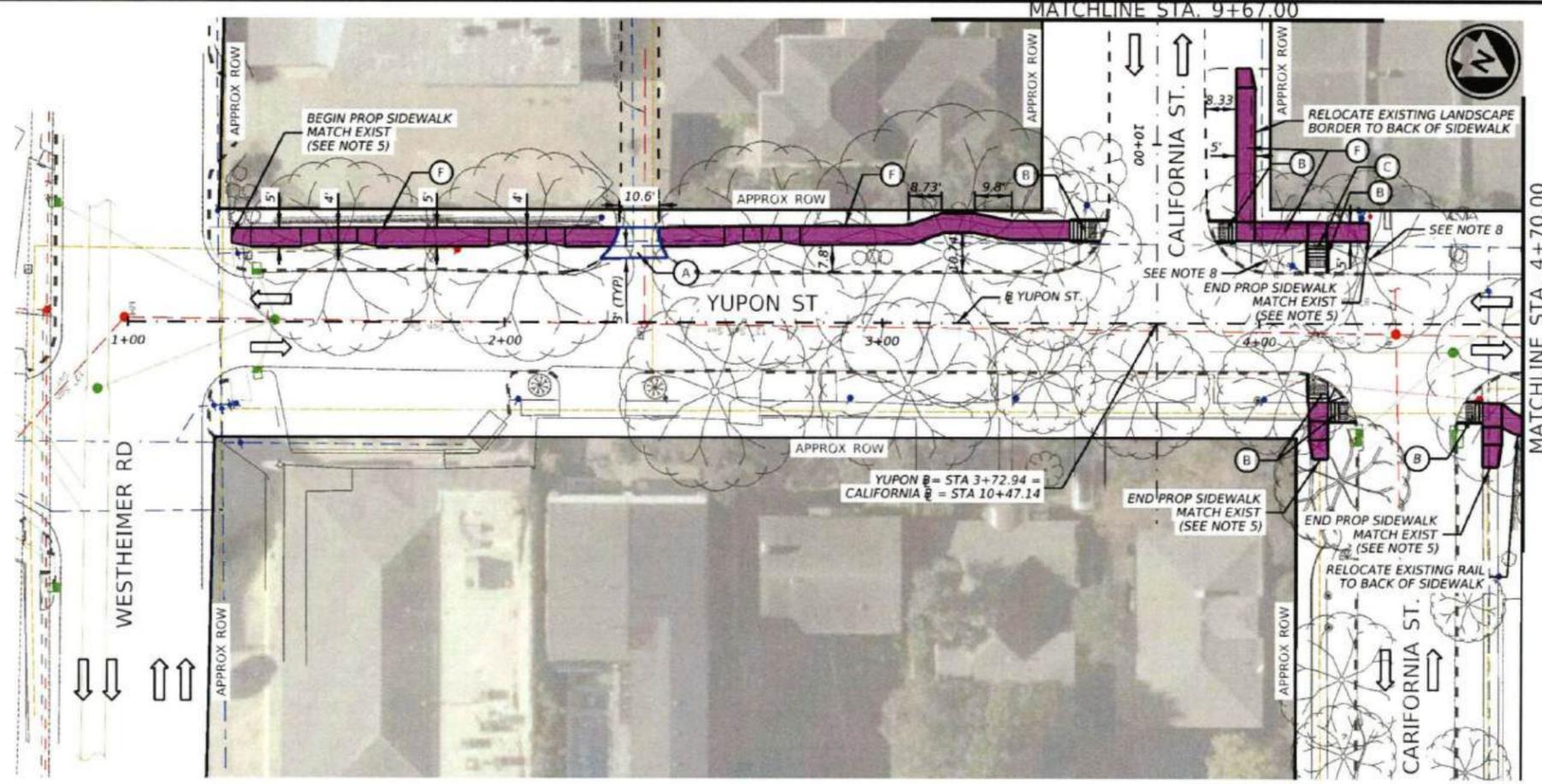
SHEET 2 OF 2

IBS NUMBER: N-727000-00-R-F
 DRAWING SCALE: AS NOTED
 CITY OF HOUSTON, TX
 JMDA HJANG
 SHEET NO. 35 OF 35

80875

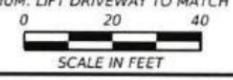
Design: F:\encoms\p1\11RZ_27\1320-Cherryhurst Sidewalk Improvements\4-0-Production-Working\4-1-CAD\Roadway\1320_SDWK_SHEETS_01.dgn

Pen Table: TxPen.tbl
 Plot Driver: Mt\Bentley\OpenRoads Designer CE\Config\ration\2022\WorkSpaces\TXDOT\pr\int\ing\pl\ctfg\pdf-c.plctfg
 Plotted on: 8/7/2025 5:49:51 PM sUSERs



LEGEND	
	PROP SIDEWALK
	PROP RIPRAP
	PROP COARSE SAND W/ SOD
	PROP CURB AND GUTTER
	PROP CONC DRIVEWAY
	PROP WHEEL CHAIR RAMP
	ADJUST TO GRADE
	PROP 4" CONC RIPRAP
	MATCH FACE OF SDWK/DRWY
	MATCH BACK OF SDWK/DRWY
	EXIST EDGE OF PAVEMENT
	DIRECTION OF TRAFFIC

- NOTES:
1. ALL DISTANCES ARE APPROXIMATE.
 2. PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
 3. RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
 4. CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
 5. BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
 6. SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH



MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77078

STATE OF TEXAS
DAVID G. GREANEY
125563
Professional Engineer

SURVEYED BY:
AMANI ENGINEERING
Gauge Engineering, LLC
Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS
YUPON STREET
SIDEWALK IMPROVEMENTS
BEGIN PROJECT TO STA 8+70

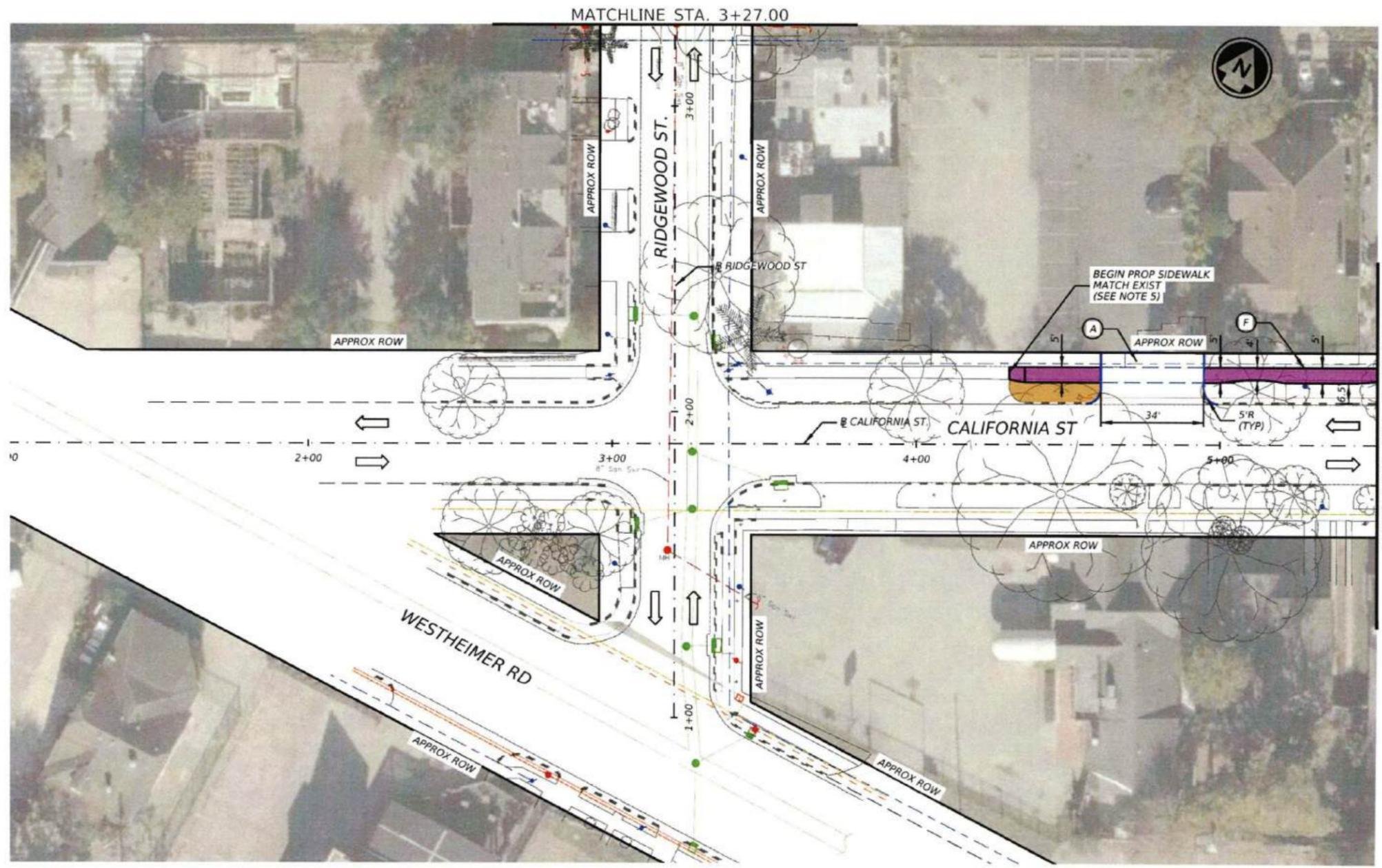
SHEET 1 OF 2

WBS NUMBER	N-T27000-0014
DRAWING SCALE	AS NOTED
CITY OF HOUSTON PM	JIDA HUNG
SHEET NO. 36 OF 71	80875

NOTES CONTINUED:
 8. CONTRACTOR TO COORDINATE WITH PROJECT ENGINEER AND FORESTER PRIOR TO DOING ANY EXCAVATION FOR PROPOSED WALK OR RAMP

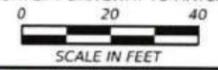
Design Filename: P:\11R2 2\1320-Cherryhurst Sidewalk Improvements\4-0-Production-Work\ing\4-1-CAD\Roadway\1320_SDWK_SHEETS 01.dgn

Pen Table: Tx+Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer CE\Configuration\2022\WorkSpaces\TXDOT\Print\ng\pl\cfcg\pdf-c.pltfcfg
 Plotted on: 8/8/2025 10:21:11 AM sUSERs



LEGEND	
	PROP SIDEWALK
	PROP RIPRAP
	PROP COARSE SAND W/ SOD
	PROP CURB AND GUTTER
	PROP CONC DRIVEWAY
	PROP WHEEL CHAIR RAMP
	ADJUST TO GRADE
	PROP 4" CONC RIPRAP
	MATCH FACE OF SDWK/DRWY
	MATCH BACK OF SDWK/DRWY
	EXIST EDGE OF PAVEMENT
	DIRECTION OF TRAFFIC

- NOTES:
1. ALL DISTANCES ARE APPROXIMATE.
 2. PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
 3. RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
 4. CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
 5. BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
 6. SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH



MONTROSE
TXL INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
TEXAS PE FIRM REG # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079

STATE OF TEXAS
DAVID G. GREANEY
125563
LICENSED PROFESSIONAL ENGINEER

SURVEYED BY:
AMANI ENGINEERING

Gauge Engineering, LLC
Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

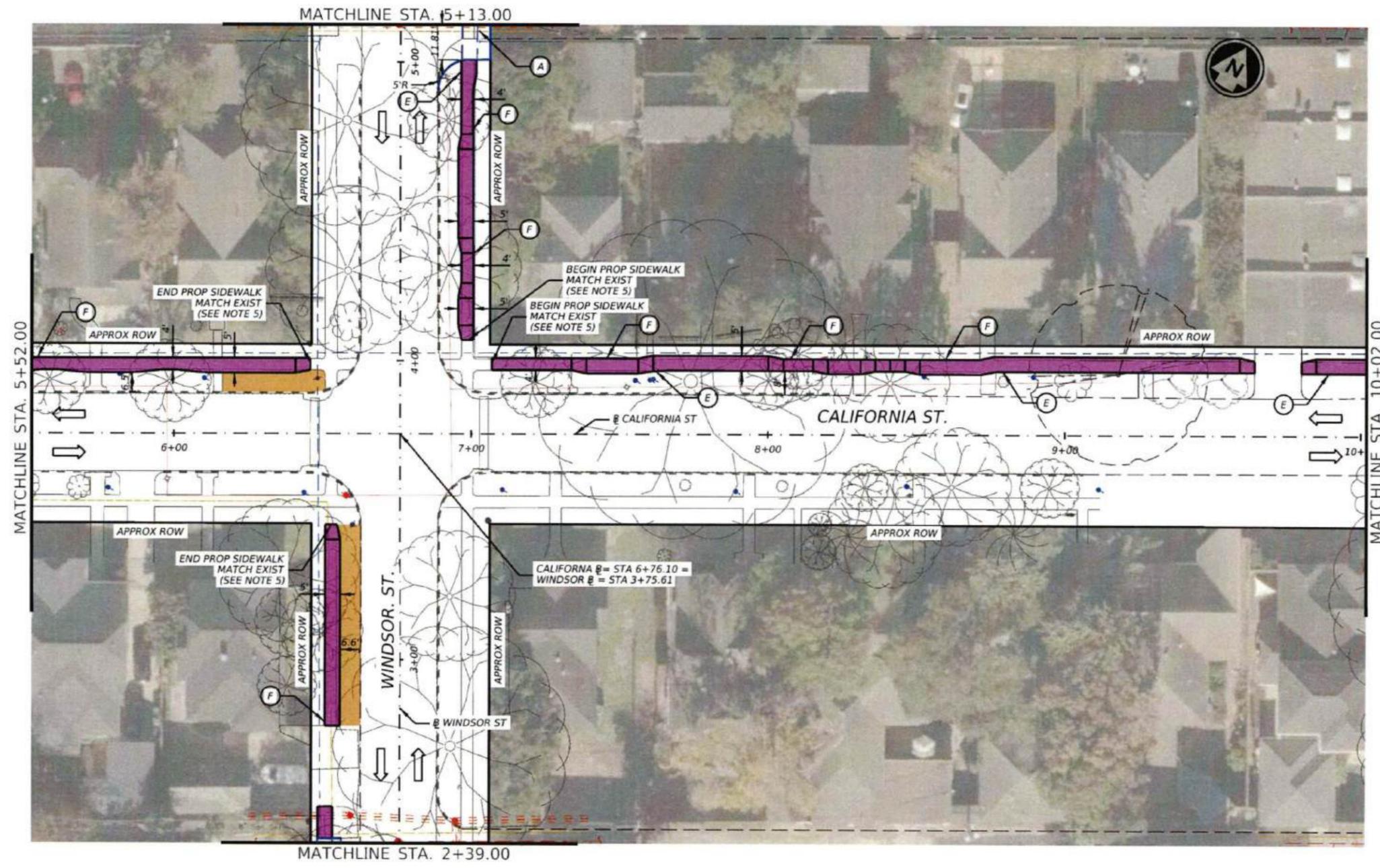
CHERRYHURST SIDEWALK IMPROVEMENTS
CALIFORNIA STREET SIDEWALK IMPROVEMENTS
BEGIN PROJ. TO STA 5+52

WBS NUMBER	N-127000-0014-7
DRAWING SCALE	AS NOTED
CITY OF HOUSTON PM	JADA HURIG
SHEET NO. 38	OF 71

SHEET 1 OF 2

80875

Product: Improvements\4-0-Product\on-Work\ng\4-1-CAD\Roadway\1320-SDMK SHEETS 02.dgn

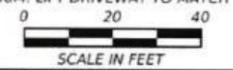


LEGEND

- PROP SIDEWALK
- PROP RIPRAP
- PROP COARSE SAND W/ SOD
- PROP CURB AND GUTTER
- (A) PROP CONC DRIVEWAY
- (B) PROP WHEEL CHAIR RAMP
- (C) ADJUST TO GRADE
- (D) PROP 4" CONC RIPRAP
- (E) MATCH FACE OF SDWK/DRWK
- (F) MATCH BACK OF SDWK/DRWK
- - - - - EXIST EDGE OF PAVEMENT
- ➔ DIRECTION OF TRAFFIC

NOTES:

1. ALL DISTANCES ARE APPROXIMATE.
2. PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
3. RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
4. CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
5. BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
6. SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH



MONTROSE
TX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
TEXAS PE FIRM, REG. # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079

SURVEYED BY:
SAMANI ENGINEERING

STATE OF TEXAS
DAVID G. GREANEY
125563
LICENSED PROFESSIONAL ENGINEER

9/26/2025
Gauge Engineering, LLC
Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

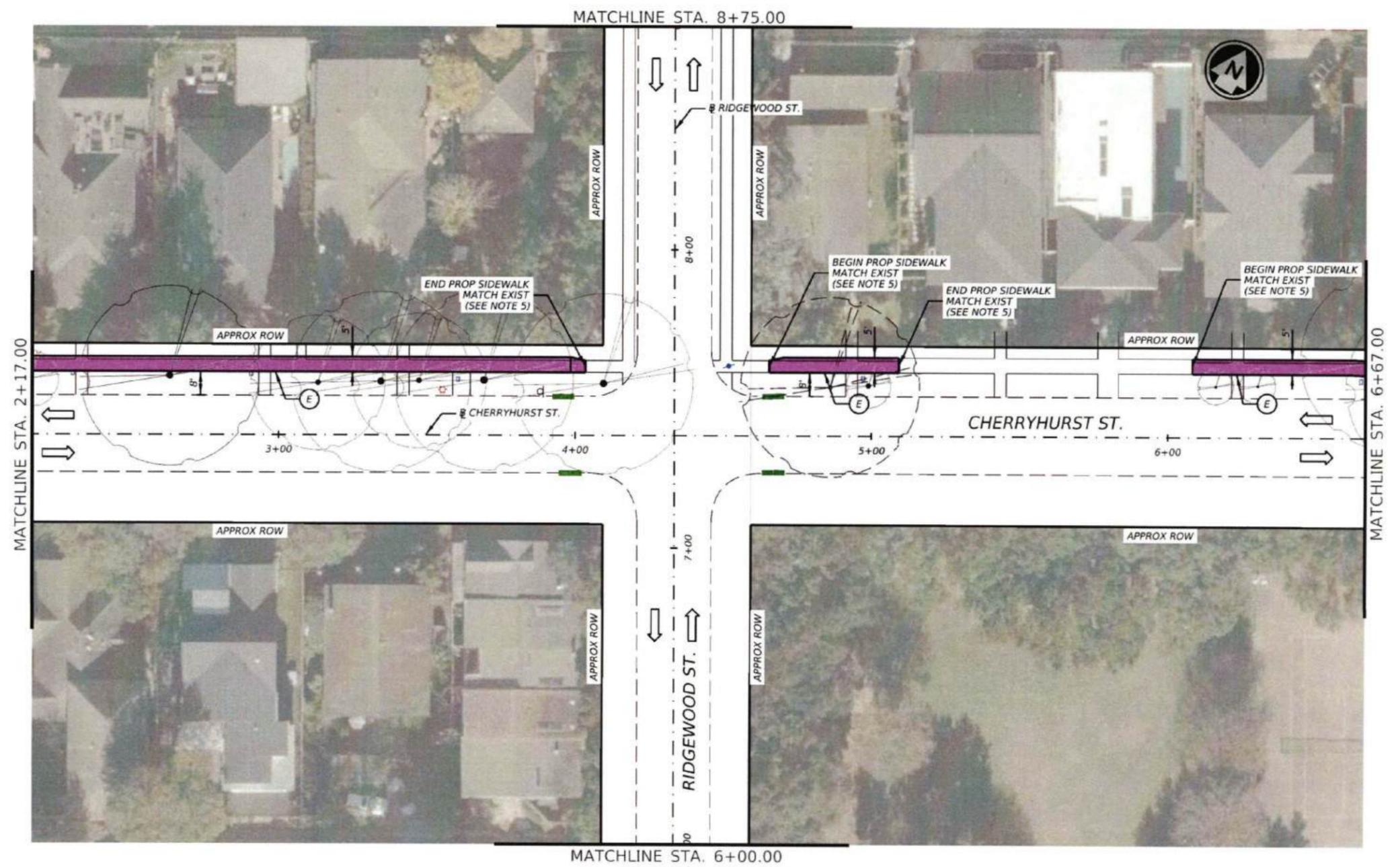
CHERRYHURST SIDEWALK IMPROVEMENTS
CALIFORNIA STREET SIDEWALK IMPROVEMENTS
STA 5+52 TO STA 10+02

SHEET 2 OF 2

WBS NUMBER	FOR CITY OF HOUSTON USE, ONLY
N-T27000-04-7	
DRAWING SCALE	80875
AS NOTED	
CITY OF HOUSTON, PM	
JADA HUANG	
SHEET NO. 39 OF 74	

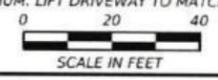
Design File Name: P:\11RZ_27\1320-Cherryhurst Sidewalk Improvements\4-0-Production-Working\4-1-CAD\Roadway\1320_SDWK_SHEETS_02.dwg

Pen Tables: Tx+Pen.tbl
 Plot Driver: Mt\Bentley\OpenRoads Designer_CEN\Config\atlon\2022\WorkSpaces\TXDOT\p\int\ing\p\itcfq\pdf-g.pltcfq
 Plotted on: 8/7/2025 5:51:29 PM 9USERS



LEGEND	
	PROP SIDEWALK
	PROP RIPRAP
	PROP COARSE SAND W/ SOD
	PROP CURB AND GUTTER
	PROP CONC DRIVEWAY
	PROP WHEEL CHAIR RAMP
	ADJUST TO GRADE
	PROP 4" CONC RIPRAP
	MATCH FACE OF SDWK/DRWY
	MATCH BACK OF SDWK/DRWY
	EXIST EDGE OF PAVEMENT
	DIRECTION OF TRAFFIC

- NOTES:
1. ALL DISTANCES ARE APPROXIMATE.
 2. PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
 3. RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
 4. CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
 5. BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
 6. SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH



MONTROSE
TAX INCREMENT REVENUE ZONE 27

Gauge
ENGINEERING
TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY, #409
HOUSTON, TX 77079

STATE OF TEXAS
DAVID G. GREANEY
125563
Professional Engineer

SURVEYED BY:
AMANI ENGINEERING
Gauge Engineering, LLC
Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS
CHERRYHURST STREET SIDEWALK IMPROVEMENTS
STA 2+17 TO STA 6+67

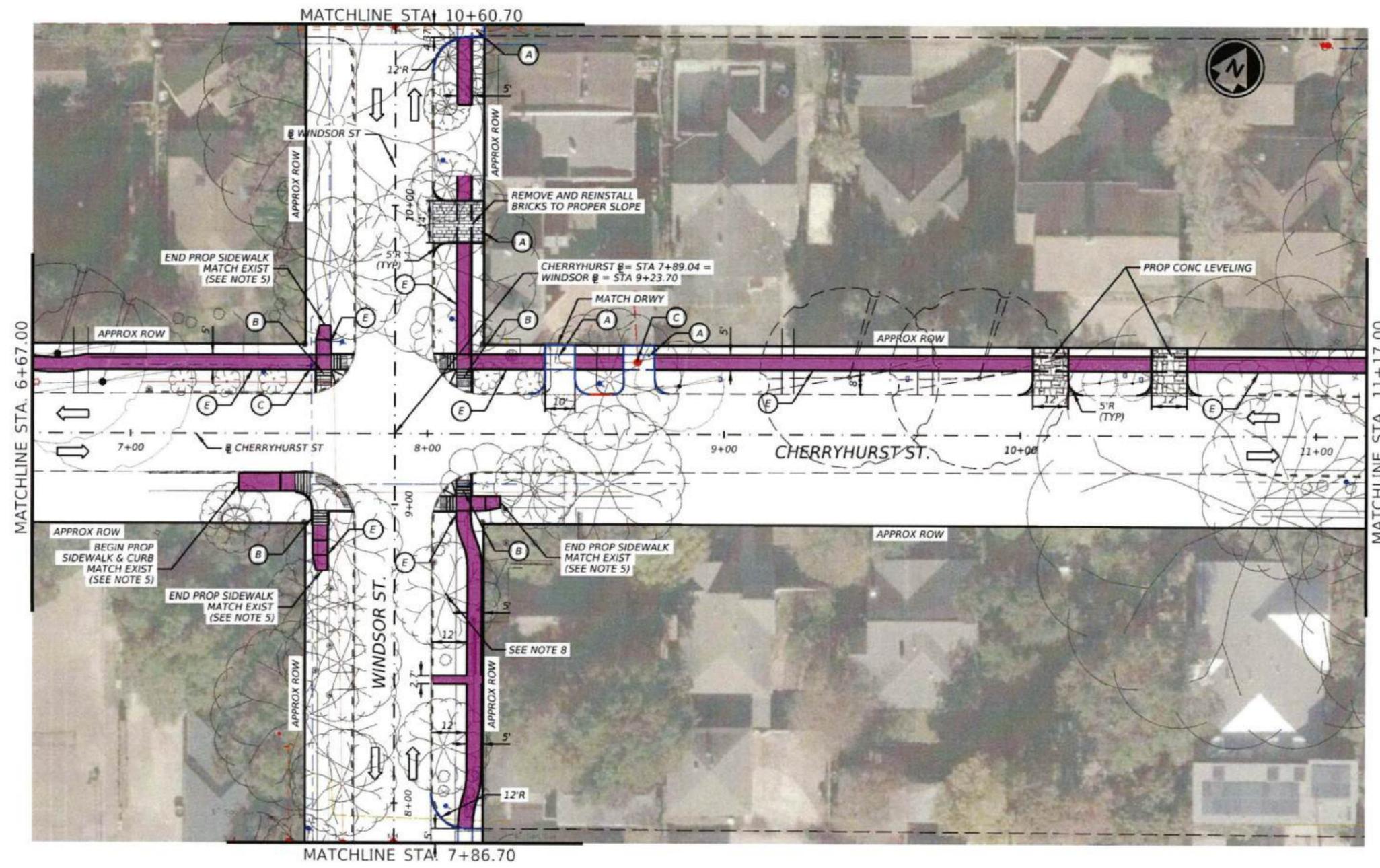
WBS NUMBER: N-T27000-04-47
DRAWING SCALE: AS SHOWN
CITY OF HOUSTON PM: JMDA HUNTER
SHEET NO. 40 OF 71

80875

SHEET 1 OF 2

Design: F:\engines\p\11320-Cherryhurst Sidewalk Improvements\4-0-Production-Work\ng\4-1-CAD\Roadway\1320_SDWK_SHEETS_02.dwg

Pen Tablet: Tx+Pen.tbl
 Plot Drivers: Mt\Bentley\OpenRoads Designer\CE\Conf\iguration\2022\WorkSpaces\TXDOT\printing\pl\ctfg\pdf-c.plt.ctg
 Plotted on: 8/7/2025 5:51:48 PM aUSERa



LEGEND

- PROP SIDEWALK
- PROP RIPRAP
- PROP COARSE SAND W/ SOD
- PROP CURB AND GUTTER
- (A) PROP CONC DRIVEWAY
- (B) PROP WHEEL CHAIR RAMP
- (C) ADJUST TO GRADE
- (D) PROP 4" CONC RIPRAP
- (E) MATCH FACE OF SDWK/DRWY
- (F) MATCH BACK OF SDWK/DRWY
- EXIST EDGE OF PAVEMENT
- DIRECTION OF TRAFFIC

NOTES:

1. ALL DISTANCES ARE APPROXIMATE.
2. PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
3. RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
4. CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
5. BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
6. SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH

0 20 40
SCALE IN FEET

NOTES CONTINUED:

8. CONTRACTOR TO COORDINATE WITH PROJECT ENGINEER AND FORESTER PRIOR TO DOING ANY EXCAVATION FOR PROPOSED WALK OR RAMP

MONTROSE
TAX INCREMENT REINVESTMENT ZONE 2J

Gauge
ENGINEERING
TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079

SURVEYED BY:
AMANI ENGINEERING

DAVID G. GREANEY
125563
08/06/2025
Gauge Engineering, LLC
Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

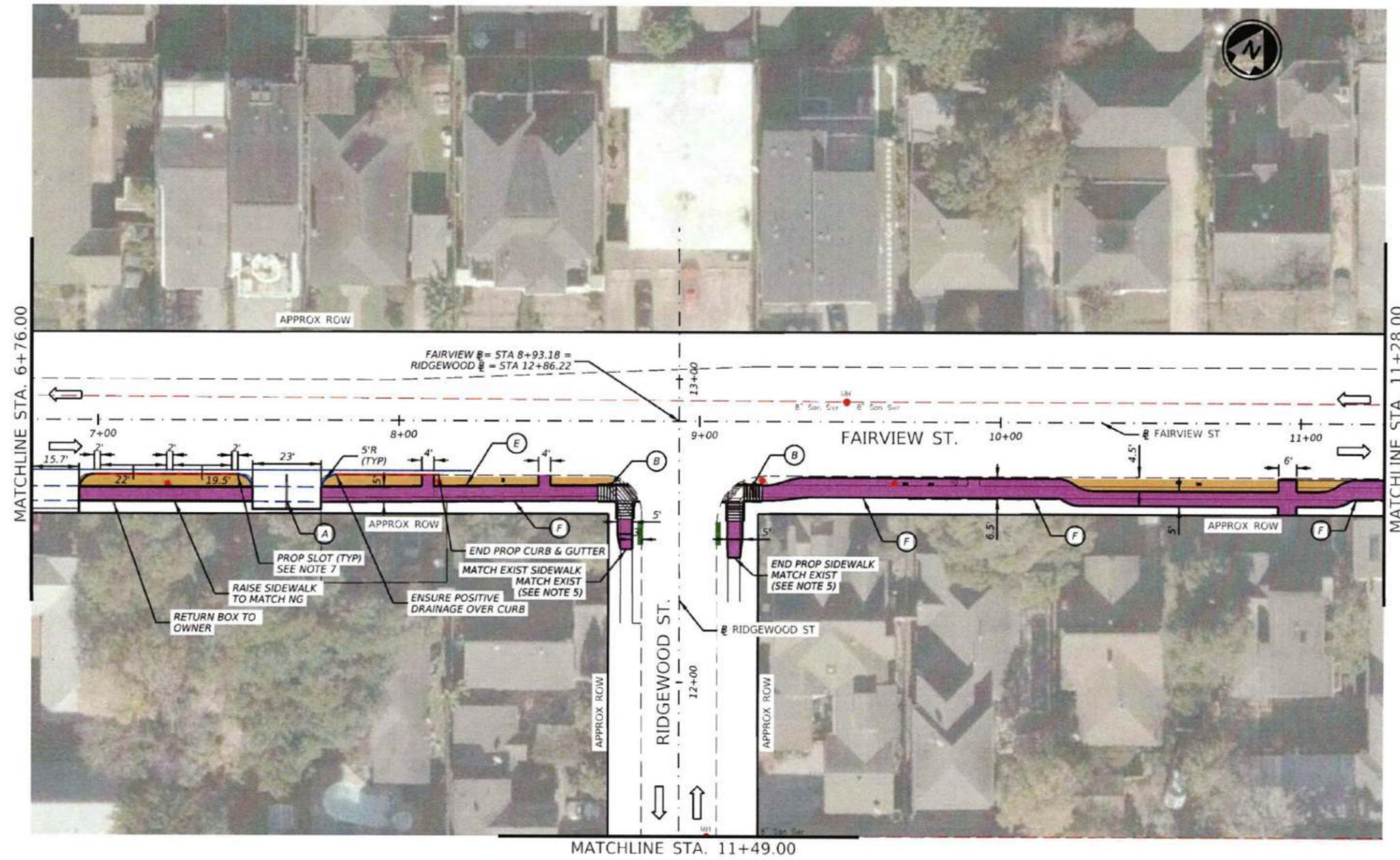
CHERRYHURST STREET SIDEWALK IMPROVEMENTS
STA 6+67 TO STA 11+17

SHEET 2 OF 2

WBS NUMBER	PROP CITY OF HOUSTON USE ONLY
N-T27000-001	
DRAWING SCALE	
AS NOTED	
CITY OF HOUSTON	
JHDA HUANG	
SHEET NO. 41 OF 71	80875

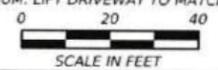
Design File name: P:\2025\2711320-Cherryhurst Sidewalk Improvements\4-0-Product\on-Working\4-1-CAD\Roadway\1320_SDWK_SHEETS_02.dwg

Pen Tables: Tx+Pen.tbl
 Plot Drivers: Ms\Bentley\OpenRoads Designer CE\Config\ation\2022\WorkSpaces\TXDOT\Printing\p1rctg\pdf-c.plt.ctb
 Plotted on: 8/7/2025 5:52:07 PM 9USERS



LEGEND	
	PROP SIDEWALK
	PROP RIPRAP
	PROP COARSE SAND W/ SOD
	PROP CURB AND GUTTER
	PROP CONC DRIVEWAY
	PROP WHEEL CHAIR RAMP
	ADJUST TO GRADE
	PROP 4" CONC RIPRAP
	MATCH FACE OF SDWK/DRWK
	MATCH BACK OF SDWK/DRWK
	EXIST EDGE OF PAVEMENT
	DIRECTION OF TRAFFIC

- NOTES:
1. ALL DISTANCES ARE APPROXIMATE.
 2. PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
 3. RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
 4. CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
 5. BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
 6. SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH

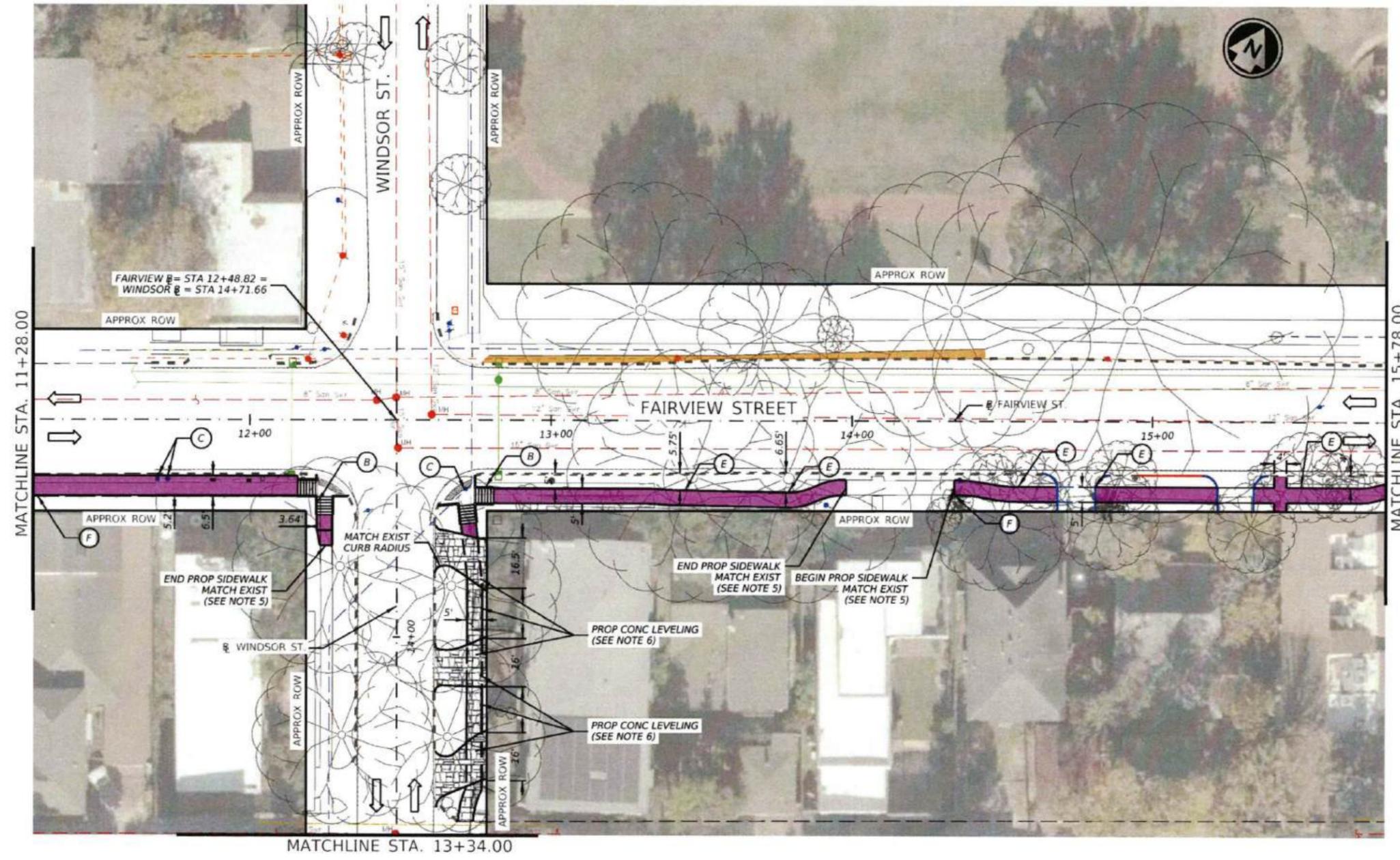


NOTES CONTINUED

7. TWO FOOT SLOTS TO BE LOCATED AT END OF DRIVEWAY RADI AND CENTERED BETWEEN DRIVEWAYS. CURB AND GUTTER SHALL BE MONOLITHICALLY POURED. FORM SLOTS AND PLACE REBAR FOR ENGINEER REVIEW PRIOR TO POURING CONCRETE. GROUND SHALL MATCH SLOTS.

 TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, #400 HOUSTON, TX 77079	
SURVEYED BY: AMANI ENGINEERING	
CITY OF HOUSTON HOUSTON PUBLIC WORKS	
CHERRYHURST SIDEWALK IMPROVEMENTS FAIRVIEW STREET SIDEWALK IMPROVEMENTS STA 6+76 TO STA 11+28	
SHEET 1 OF 2	
WBS NUMBER: N-T27000-00-71	FOR CITY OF HOUSTON USE ONLY
DRAWING SCALE: AS NOTED	80875
CITY OF HOUSTON JHD: HUNG	
SHEET NO. 42 OF 71	

Design File Name: P:\11320-Cherryhurst Sidewalk Improvement\4-0-Production-Work\mg\4-1-CAD\Roadway\1320_SDWK_SHEETS_02.dgn

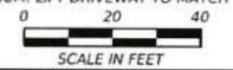


LEGEND

- PROP SIDEWALK
- PROP RIPRAP
- PROP COARSE SAND W/ SOD
- PROP CURB AND GUTTER
- (A) PROP CONC DRIVEWAY
- (B) PROP WHEEL CHAIR RAMP
- (C) ADJUST TO GRADE
- (D) PROP 4" CONC RIPRAP
- (E) MATCH FACE OF SDWK/DRWK
- (F) MATCH BACK OF SDWK/DRWK
- - - - - EXIST EDGE OF PAVEMENT
- ➔ DIRECTION OF TRAFFIC

NOTES:

1. ALL DISTANCES ARE APPROXIMATE.
2. PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
3. RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
4. CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
5. BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
6. SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH



MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
TEXAS PE FIRM REG # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079

STATE OF TEXAS
DAVID G. GREANEY
125563
LICENSED PROFESSIONAL ENGINEER

SURVEYED BY:
AMANI ENGINEERING

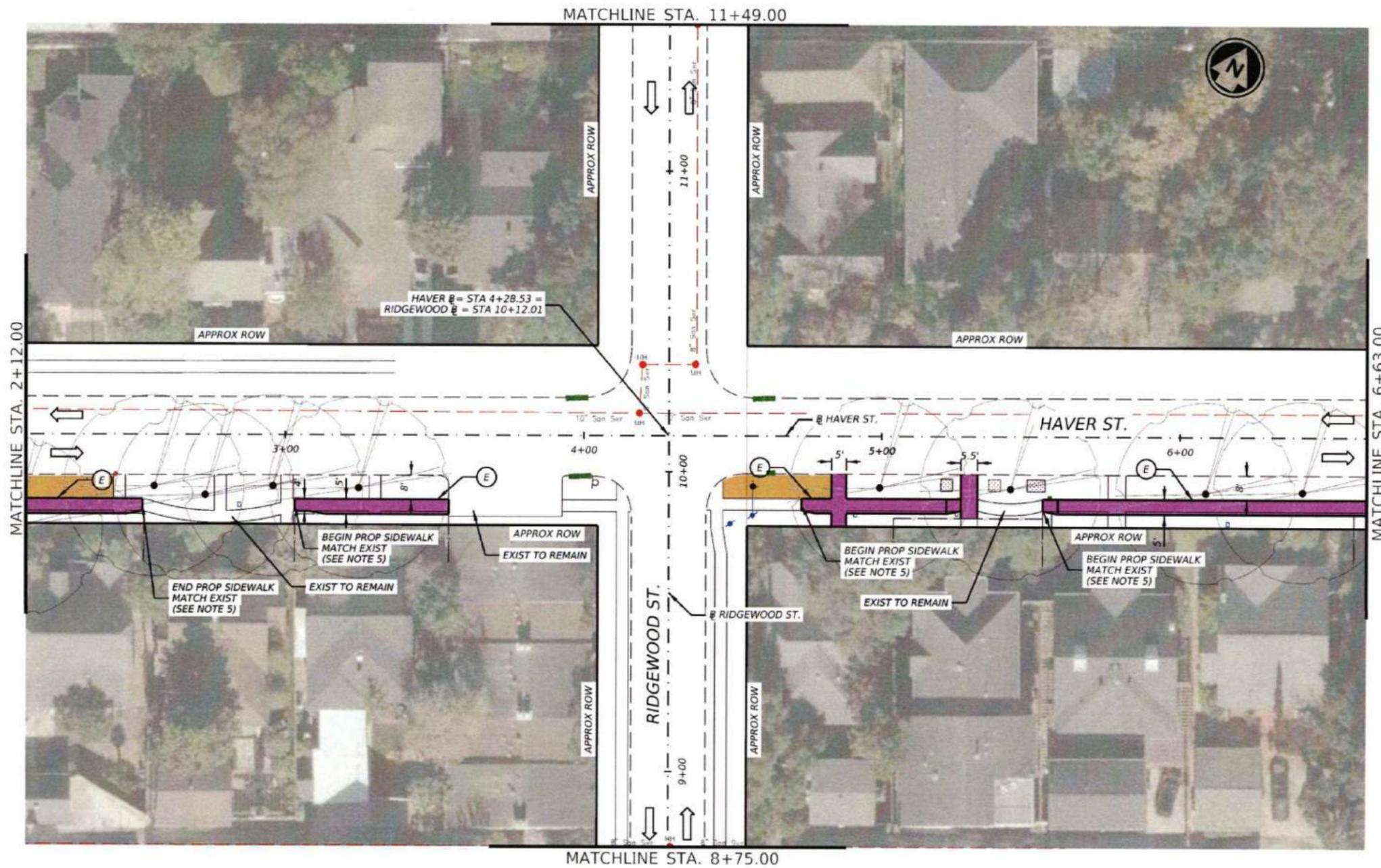
CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

FAIRVIEW STREET SIDEWALK IMPROVEMENTS
STA 11+28 TO STA 15+78

SHEET 2 OF 2

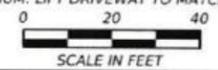
WBS NUMBER	ROP CITY OF HOUSTON USE ONLY
N-T2700-04-7	
DRAWING SCALE	80875
AS NOTED	
CITY OF HOUSTON PM	
JRDA HUANG	
SHEET NO. 43 OF 74	



LEGEND

- PROP SIDEWALK
- PROP RIPRAP
- PROP COARSE SAND W/ SOD
- PROP CURB AND GUTTER
- (A) PROP CONC DRIVEWAY
- (B) PROP WHEEL CHAIR RAMP
- (C) ADJUST TO GRADE
- (D) PROP 4" CONC RIPRAP
- (E) MATCH FACE OF SDWK/DRWK
- (F) MATCH BACK OF SDWK/DRWK
- - - - - EXIST EDGE OF PAVEMENT
- DIRECTION OF TRAFFIC

- NOTES:**
1. ALL DISTANCES ARE APPROXIMATE.
 2. PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
 3. RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
 4. CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
 5. BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
 6. SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH



MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
TEXAS P.E. FIRM REG. # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079

SURVEYED BY:
AMANI ENGINEERING

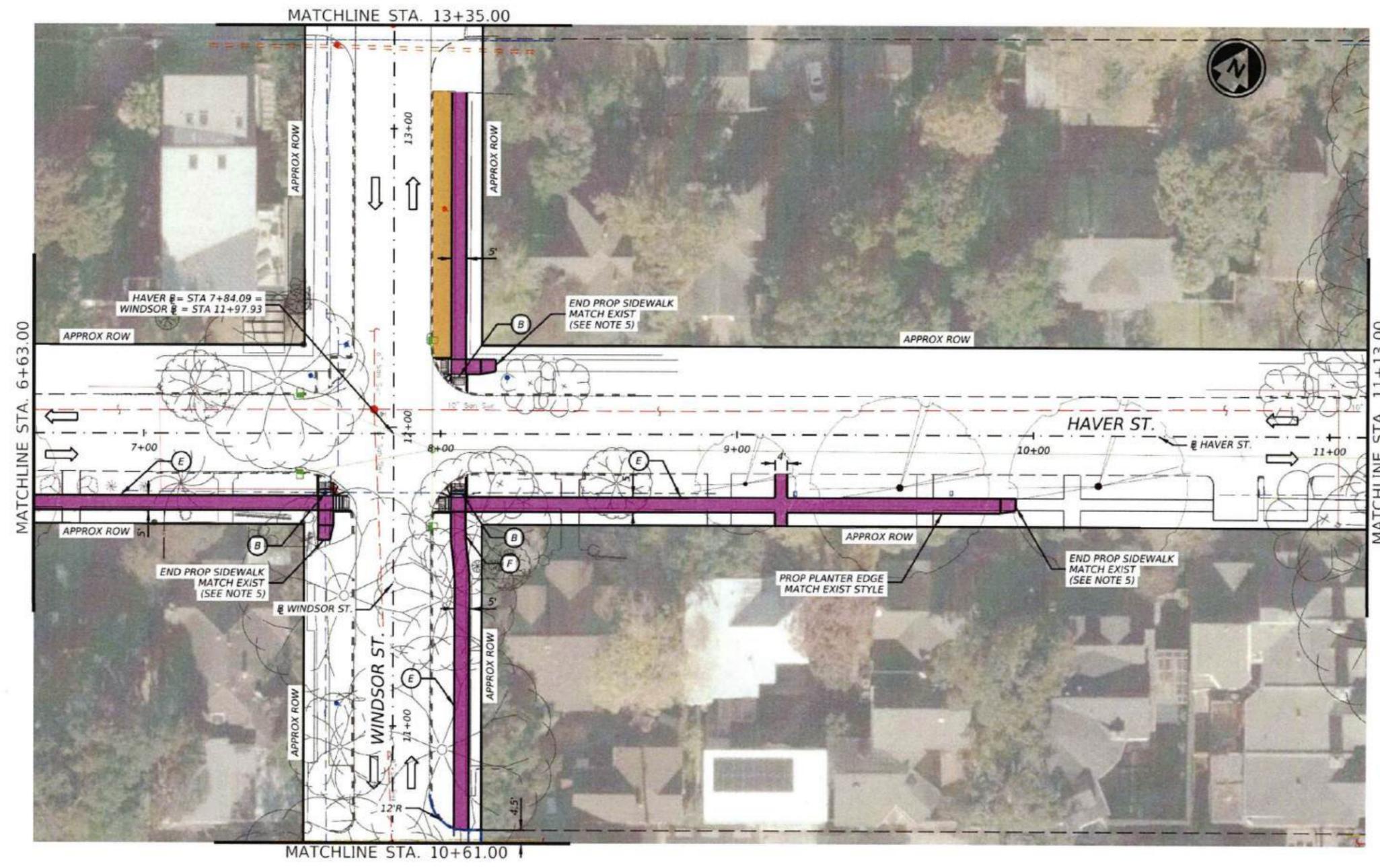
DAVID G. GREANEY
Professional Engineer
Gauge Engineering, LLC
Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS
HAYER STREET
SIDEWALK IMPROVEMENTS
STA 2+12 TO STA 6+63

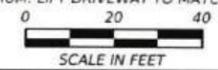
SHEET 1 OF 2

WES NUMBER	POP-CITY OF HOUSTON USE ONLY
N-T27000-05-7	80875
DRAWING SCALE	AS NOTED
CITY OF HOUSTON	JADA HUANG
SHEET NO. 44 OF 71	



LEGEND	
	PROP SIDEWALK
	PROP RIPRAP
	PROP COARSE SAND W/ SOD
	PROP CURB AND GUTTER
	PROP CONC DRIVEWAY
	PROP WHEEL CHAIR RAMP
	ADJUST TO GRADE
	PROP 4" CONC RIPRAP
	MATCH FACE OF SDWK/DRWY
	MATCH BACK OF SDWK/DRWY
	EXIST EDGE OF PAVEMENT
	DIRECTION OF TRAFFIC

- NOTES:
1. ALL DISTANCES ARE APPROXIMATE.
 2. PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
 3. RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
 4. CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
 5. BEGIN / END PROP SIDEWALK AT THE NEXT JUNT.
 6. SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH



MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
TEXAS PE FIRM REG # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079

SURVEYED BY:
AMANI ENGINEERING

DAVID G. GREANEY
12585
Gauge Engineering, LLC
Texas Registered Engineering Firm F-20017

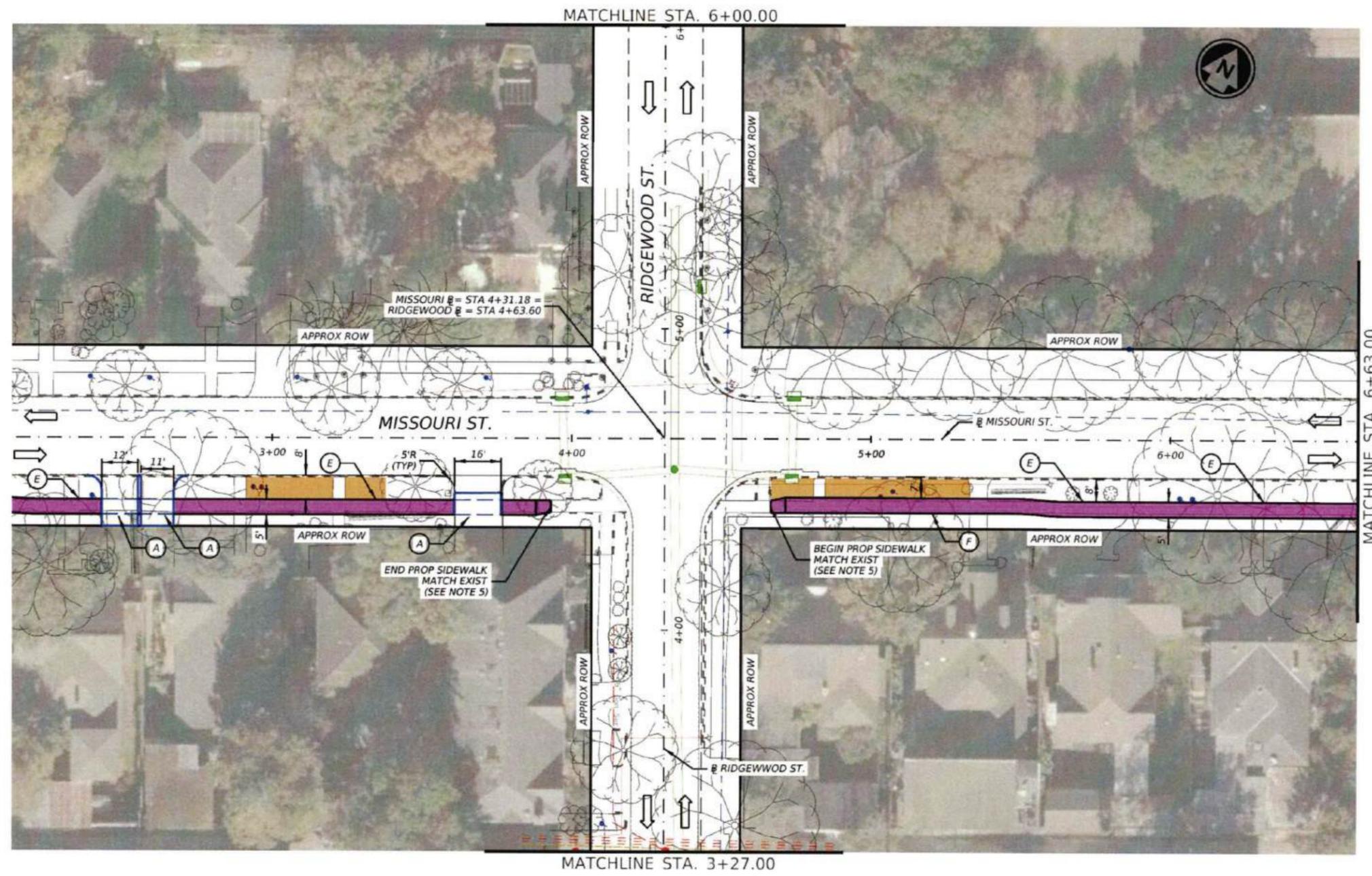
CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS
HAYER STREET
SIDEWALK IMPROVEMENTS
STA 6+63 TO STA 11+13

SHEET 2 OF 2

WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
N-T27000-001	80875
DRAWING SCALE	
AS NOTED	
CITY OF HOUSTON	
JIDA HUANG	
SHEET NO. 45 OF 71	

Design File name: P:\11RZ-27\11320-Cherryhurst Sidewalk Improvements\4-0-Product\1-on-Mark\ing\4-1-CAD\Roadway\1320_SDWK_SHEETS_02.dgn

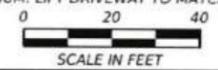


LEGEND

- PROP SIDEWALK
- PROP RIPRAP
- PROP COARSE SAND W/ SOD
- PROP CURB AND GUTTER
- (A) PROP CONC DRIVEWAY
- (B) PROP WHEEL CHAIR RAMP
- (C) ADJUST TO GRADE
- (D) PROP 4" CONC RIPRAP
- (E) MATCH FACE OF SDWK/DRWY
- (F) MATCH BACK OF SDWK/DRWY
- - - - - EXIST EDGE OF PAVEMENT
- ➔ DIRECTION OF TRAFFIC

NOTES:

1. ALL DISTANCES ARE APPROXIMATE.
2. PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
3. RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
4. CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
5. BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
6. SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH



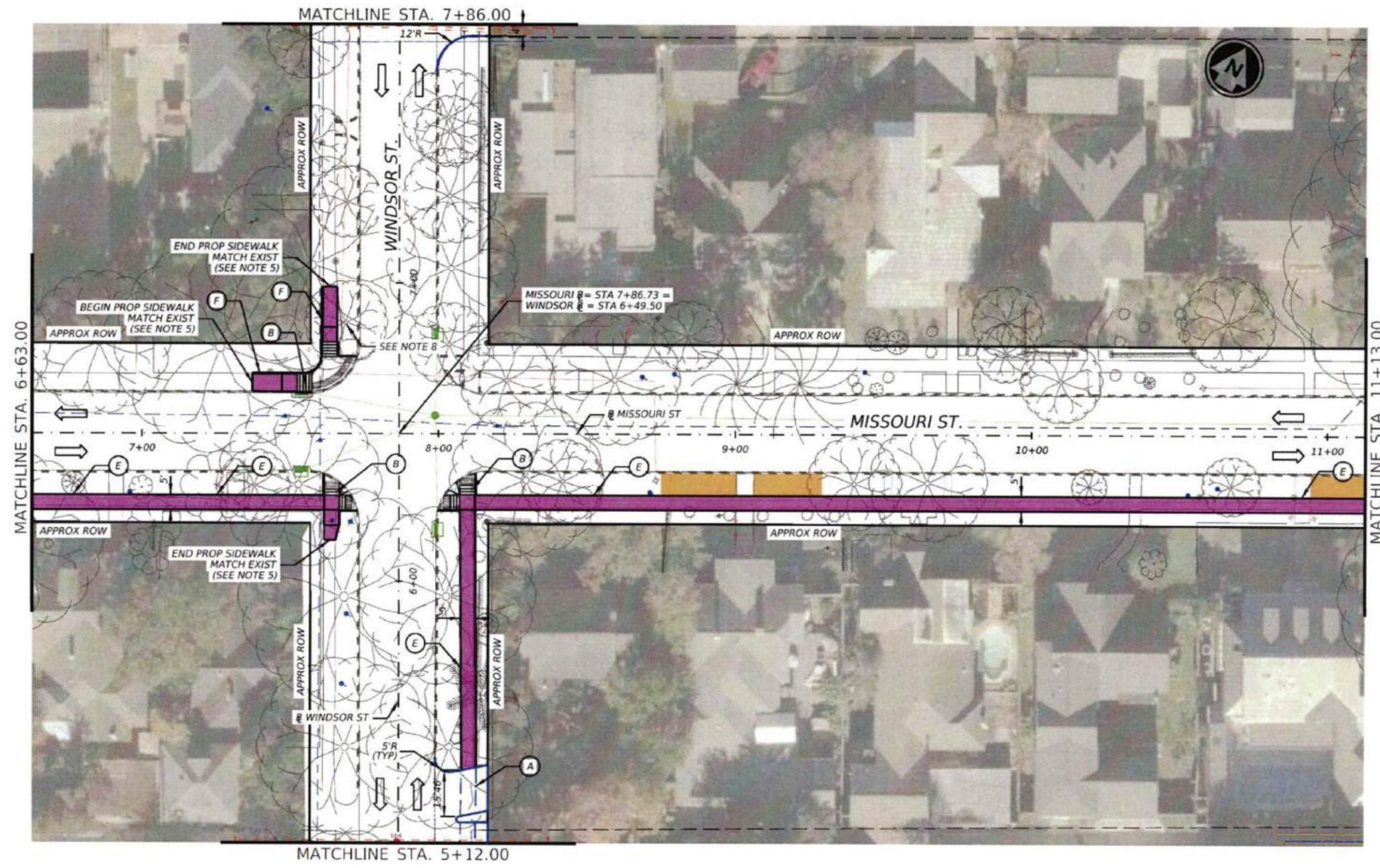
SURVEYED BY:
AMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS
MISSOURI STREET SIDEWALK IMPROVEMENTS
BEGIN PROP TO STA 6+63

SHEET 1 OF 2

WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
N-T27000-00	
DRAWING SCALE	8 0 8 7 5
AS NOTED	
CITY OF HOUSTON	
JMDA HUANG	
SHEET NO. 46 OF	



LEGEND

- PROP SIDEWALK
- PROP RIPRAP
- PROP COARSE SAND W/ SOD
- PROP CURB AND GUTTER
- (A) PROP CONC DRIVEWAY
- (B) PROP WHEEL CHAIR RAMP
- (C) ADJUST TO GRADE
- (D) PROP 4" CONC RIPRAP
- (E) MATCH FACE OF SDWK/DRWK
- (F) MATCH BACK OF SDWK/DRWK
- - - - - EXIST EDGE OF PAVEMENT
- DIRECTION OF TRAFFIC

- NOTES:**
1. ALL DISTANCES ARE APPROXIMATE.
 2. PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
 3. RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
 4. CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
 5. BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
 6. SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH
- 0 20 40
SCALE IN FEET

NOTES CONTINUED:

8. CONTRACTOR TO COORDINATE WITH PROJECT ENGINEER AND FORESTER PRIOR TO DOING ANY EXCAVATION FOR PROPOSED WALK OR RAMP

TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY, #409
HOUSTON, TX 77079

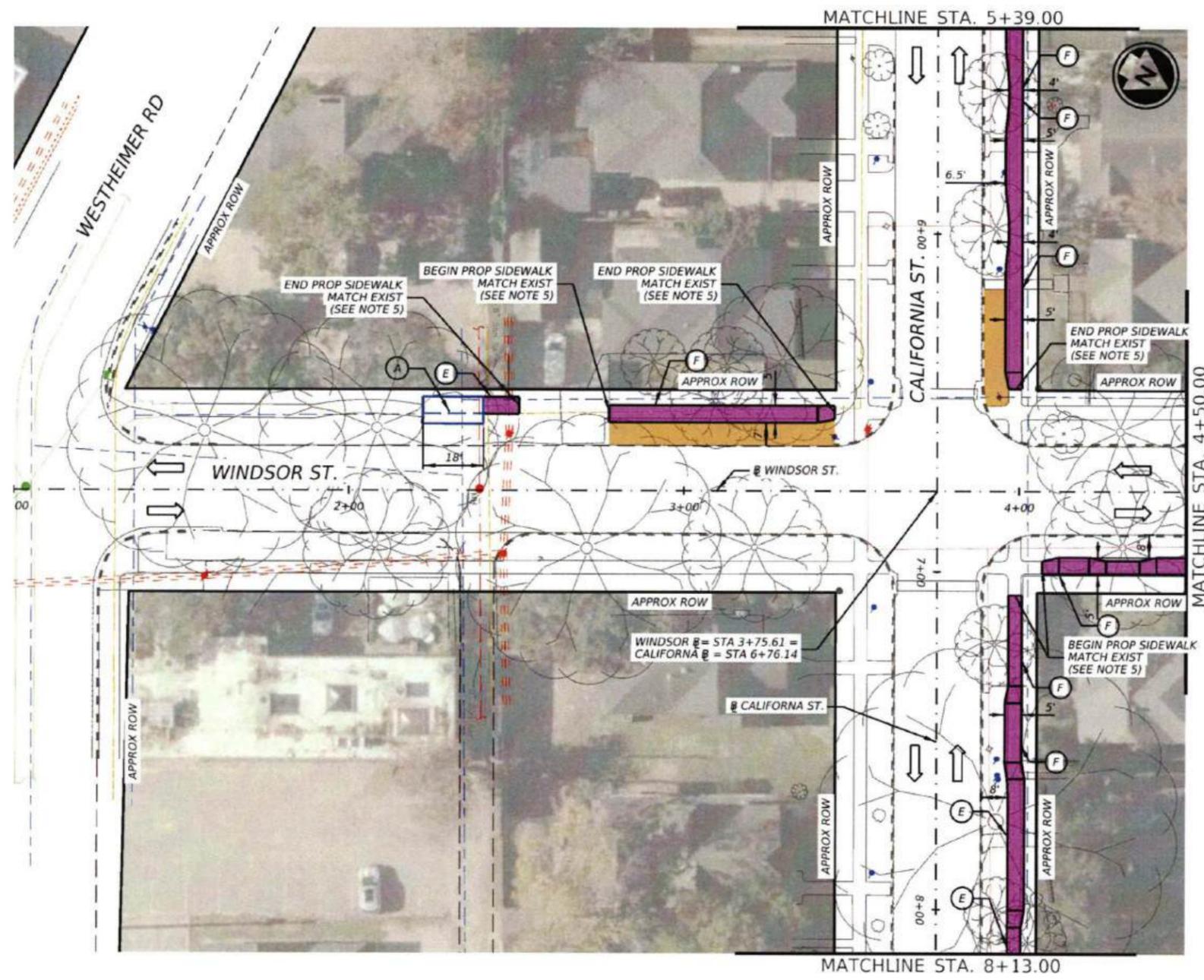
SURVEYED BY:
AMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS
MISSOURI STREET SIDEWALK IMPROVEMENTS
STA 6+63 TO STA 11+13

SHEET 2 OF 2

WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
N-127000-00-1	
DRAWING TITLE	80875
AS NOTED	
CITY OF HOUSTON	
JHDA HUANG	
SHEET NO. 47 OF	

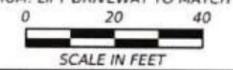


LEGEND

- PROP SIDEWALK
- PROP RIPRAP
- PROP COARSE SAND W/ SOD
- PROP CURB AND GUTTER
- (A) PROP CONC DRIVEWAY
- (B) PROP WHEEL CHAIR RAMP
- (C) ADJUST TO GRADE
- (D) PROP 4" CONC RIPRAP
- (E) MATCH FACE OF SDWK/DRWK
- (F) MATCH BACK OF SDWK/DRWK
- - - - - EXIST EDGE OF PAVEMENT
- DIRECTION OF TRAFFIC

NOTES:

- ALL DISTANCES ARE APPROXIMATE.
- PROP SDWK SHALL BE CONSTRUCTED FLUSH WITH NG. SDWK SHALL BE CONSTRUCTED TO ADA GUIDELINES WITH MAXIMUM CROSS SLOPE OF 2% AND RUNNING SLOPE OF 5%. DWY IMPROVEMENTS EXTEND 3' FROM EDGE OF SDWK TO ROW, AND/OR TO STREET.
- RAMP LENGTHS ARE SHOWN GRAPHICALLY IN APPROXIMATE LOCATION. PROPOSED RAMP SHALL BE CONSTRUCTED PER COH STANDARD DETAILS WITH MAXIMUM LONGITUDINAL SLOPE OF 1:12.
- CONTRACTOR TO FIELD LAYOUT EDGES OF PROPOSED SIDEWALKS AND CONFIRM LOCATIONS WITH CM OR ENGINEER PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NOTIFY CM OR ENGINEER OF ANY PLAN DEVIATIONS PRIOR TO FORM WORK. NO SEPARATE PAY.
- BEGIN / END PROP SIDEWALK AT THE NEXT JOINT.
- SUBMIT METHOD OF LEVELING TO ENGINEER FOR APPROVAL. ACHIEVE 2% MAX CROSS SLOPE AND 5% MAX RUNNING SLOPE FOR SIDEWALK. VERTICAL CHANGES IN LEVEL SHALL BE 1/4-INCH MAXIMUM. LIFT DRIVEWAY TO MATCH



MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77079

STATE OF TEXAS
DAVID G. GREANEY
125563
LICENSED PROFESSIONAL ENGINEER

SURVEYED BY:
SAMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

WINDSOR STREET SIDEWALK IMPROVEMENTS

BEGIN PRO TO STA 5+52

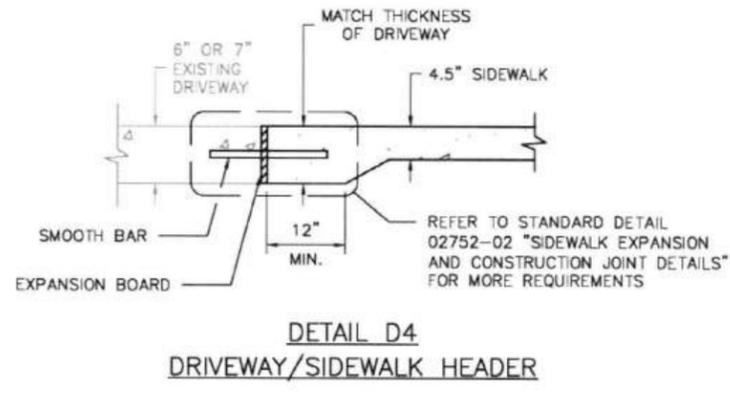
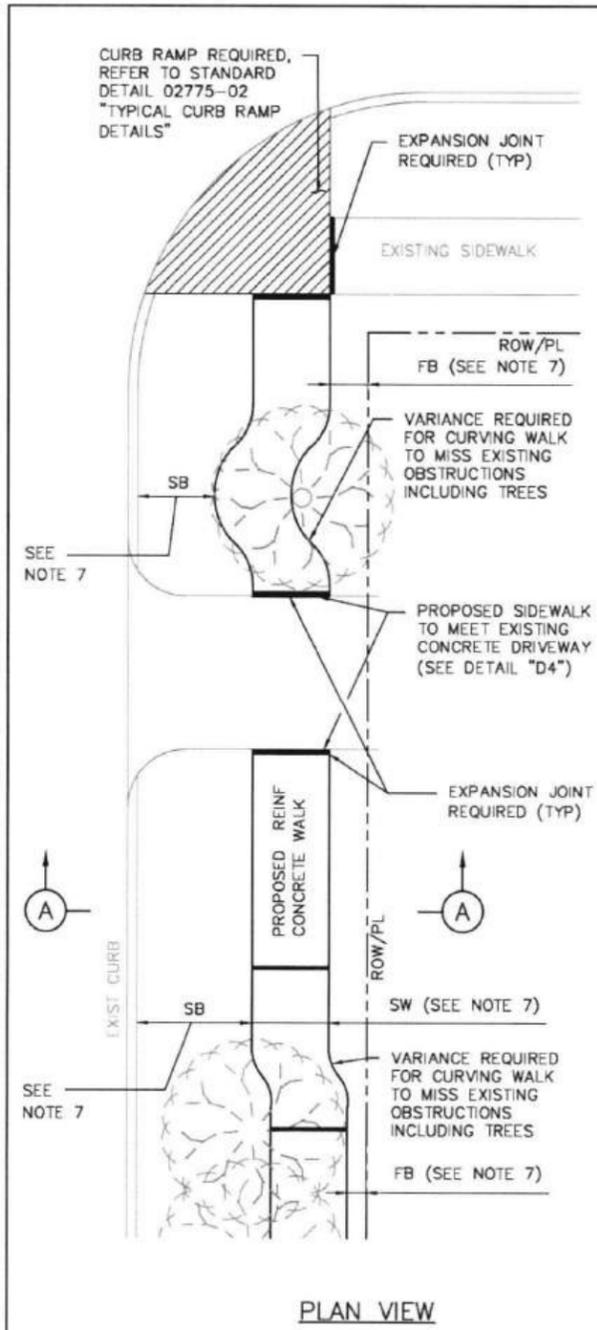
SHEET 1 OF 1

WBS NUMBER	FOR CITY OF HOUSTON USE ONLY
N-T27000-014-1	
DRAWING SCALE	80875
AS NOTED	
CITY OF HOUSTON PM	
JHDA HJANG	
SHEET NO. 48 OF	

Pen Tables: Tx*Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer - C:\Conf\iguration\2022\WorkSpaces\TXDOT\pr\inting\plctfg\pdf-c.plctfg
 Plotted on: 6/6/2025 11:51:52 AM #USER#

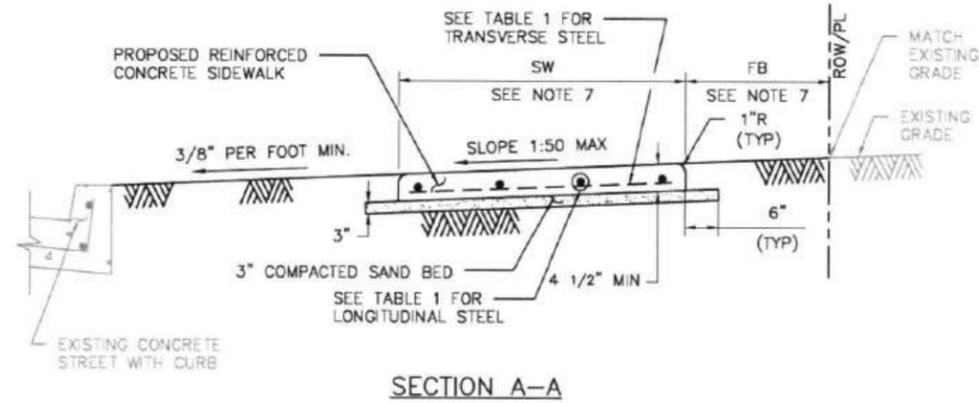
DocuSign Envelope ID: 9B122261-CF05-457B-9A65-2650F40B66D5

DISCLAIMER:
 THE USE OF THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THEIR USE. THE ENGINEER OF RECORD (EOR) IS TO REVIEW THESE DESIGN REQUIREMENTS AND BY AUTHORIZING THEIR USE, ACCEPTS RESPONSIBILITY FOR THEIR APPLICABILITY, ADEQUACY AND SAFETY. NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF HOUSTON FOR ANY PURPOSES WHATSOEVER. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.



REINFORCING STEEL INFORMATION
 FOR 4 1/2" THICK SIDEWALKS
 EXPANSION JOINT SPACING = 40 FT
 fc' = 3,500 PSI AND fy = 60,000 PSI
 REFER TO CONTRACT DRAWINGS FOR SIDEWALKS WIDER THAN 6 FEET.

SIDEWALK THICKNESS (IN)	SIDEWALK WIDTH (FT)	LONGITUDINAL STEEL			TRANSVERSE STEEL #3 BARS SPACING (IN)
		#3 BARS			
		NO. OF BARS	SPACING (IN)	END BAR SPACING (IN)	
4.5	5	3	27	3	48
4.5	6	4	22	3	48



- NOTES:**
- 6X6 - W2.9XW2.9 WELDED WIRE FABRIC MAY BE USED IN LIEU OF THE REINFORCING STEEL GIVEN IN TABLE 1.
 - REINFORCED CONCRETE SIDEWALKS THRU DRIVEWAYS OPENINGS SHALL BE EITHER 6" THICK OR 7" THICK AS SPECIFIED ON 6" STABILIZED SUBGRADE. FOR THE REINFORCING STEEL REQUIREMENTS, SEE CITY OF HOUSTON STANDARD DETAILS 02754-01A, 02754-01B, 02754-03, AND 02754-04.
 - MAXIMUM SPACING FOR EXPANSION JOINTS SHALL BE 40 FEET.
 - CONTRACTOR SHALL CONSTRUCT SIDEWALK IN A MANNER NOT TO BLOCK THE NATURAL DRAINAGE FROM ADJACENT PROPERTY.
 - ALL RAMPS AND SIDEWALKS/WALKWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOUSTON PUBLIC WORKS STANDARDS, TEXAS ACCESSIBILITY STANDARDS (TAS) AND AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. IF THERE IS A CONFLICT IN THE REQUIREMENTS, THE STRICTEST REQUIREMENTS SHALL GOVERN.
 - CURB RAMPS THAT ARE STEEPER THAN A 1:12 MAX SLOPE WILL NOT BE ACCEPTED BY THE CITY OF HOUSTON UNLESS NOTED OTHERWISE.
 - REFER TO CONTRACT DRAWINGS FOR SIDEWALK (SW), FRONTAGE BUFFER (FB), AND SAFETY BUFFER (SB) WIDTHS.

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS STANDARD

TYPICAL SIDEWALK LAYOUT AND DETAILS FOR STREETS WITH CURBS
 (SCALE: NOT TO SCALE)

APPROVED BY:

Designated by: <i>Suleah Kanwar</i> CITY ENGINEER Designated by: HANG NGUYEN CITY TRAFFIC ENGINEER	Designated by: <i>Carl Hallcock</i> DIRECTOR OF HPW
---	---

EFF DATE: NOV-27-2023 DWG NO: 02775-01

MONTROSE
 TAX INCREMENT REINVESTMENT ZONE 27

Gauge
 ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77078

STATE OF TEXAS
 ENGINEERING
 DAVID G. GREANEY
 LICENSE NO. 125563
 LICENSE EXPIRES 08/31/2025

SURVEYED BY:
 AMANI ENGINEERING

Gauge Engineering, LLC
 Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

SIDEWALK STANDARDS

SHEET 1 OF 6

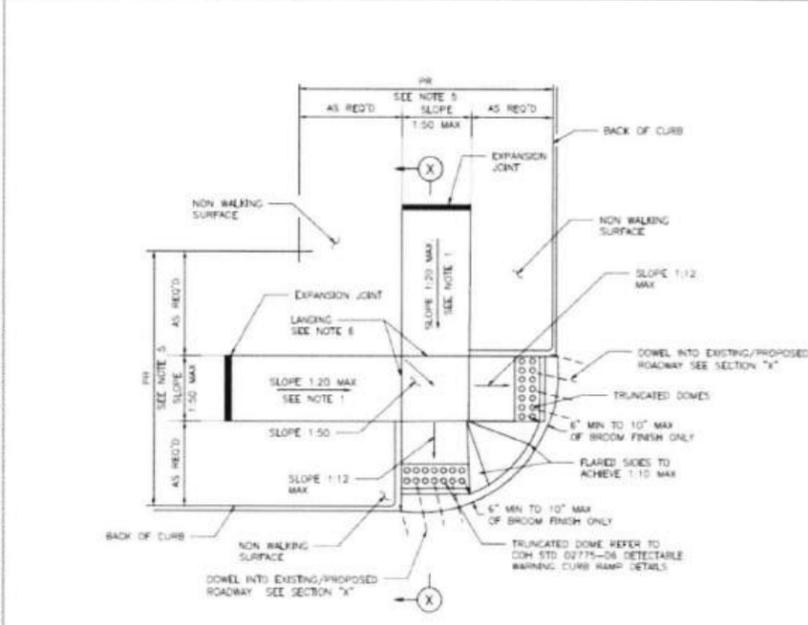
WBS NUMBER: N-12/000-00
 DRAWING SCALE: AS NOTED
 CITY OF HOUSTON: JADA HUANG
 SHEET NO. 49 OF

80875

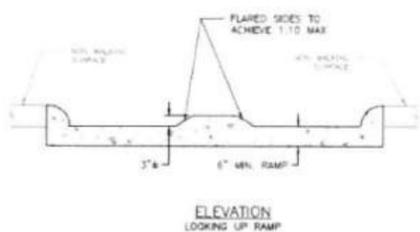
REVISIONS
 No. DATE
 APP
 Digital File Name: P:\271320-Cherryhurst Sidewalk Improvements\4-0-Product\ion-Working\4-1-CAD\Roadway\STANDARD\SIDEWALK STANDARD 01.dgn

Design: 11/22/21-CYD-478-940-000428202

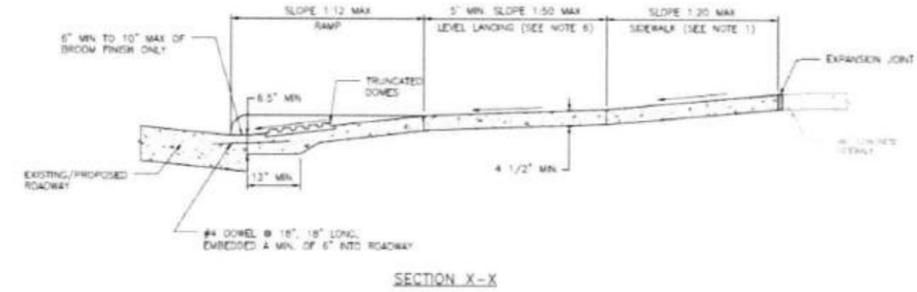
DISCLAIMER:
 THE USE OF THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THE USE OF THIS STANDARD. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR ANY DAMAGES, INCLUDING PERSONAL INJURY, ARISING FROM ITS USE.



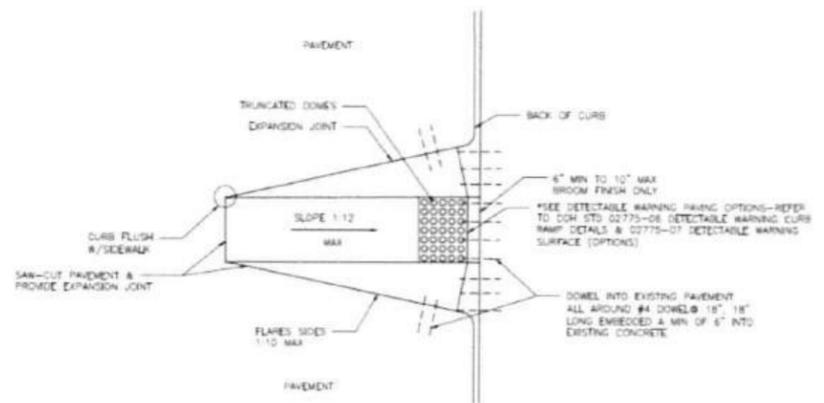
STREETS WITH NON-WALKING SURFACE BEHIND CURB
 SEE NOTE-7



ELEVATION
 LOOKING UP RAMP



SECTION X-X



CURB RAMP CONSTRUCTION FOR EXISTING PAVEMENT

- NOTES:**
1. REPLACE EXISTING SIDEWALK FROM LEVEL LANDING AS NECESSARY TO ACHIEVE 1:20 SLOPE
 2. BROOM FINISH IS MEASURED FROM FACE OF CURB
 3. ALL RAMPS AND SIDEWALKS/WALKWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOUSTON PUBLIC WORKS STANDARDS, TEXAS ACCESSIBILITY STANDARDS (TAS) AND AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. IF THERE IS A CONFLICT IN THE REQUIREMENTS, THE STRICTEST REQUIREMENTS SHALL GOVERN.
 4. CURB RAMPS THAT ARE STEEPER THAN A 1:12 MAX SLOPE WILL NOT BE ACCEPTED BY THE CITY OF HOUSTON UNLESS NOTED OTHERWISE.
 5. REFER TO CONTRACT DRAWINGS FOR PEDESTRIAN REALM (PR) WIDTH
 6. MINIMUM 5'x5' LANDING PAD ACCORDING TO ADA REQUIREMENTS. WHEN THE APPROACHING SIDEWALK IS WIDER THAN 5', THE LANDING PAD AND RAMP WIDTH MUST MATCH THE SIDEWALK WIDTH.
 7. FOR STREETS WITH WALKABLE SURFACES IMMEDIATELY BEHIND THE CURB A FLARE IS REQUIRED ON BOTH SIDES OF THE RAMP.

APPROVED BY: <i>Jada Huang</i>	APPROVED BY: <i>JADA HUANG</i>
CITY ENGINEER	CITY TRAFFIC ENGINEER
APPROVED BY: <i>Jada Huang</i>	
DIRECTOR OF HOUSTON PUBLIC WORKS	
EFF DATE: NOV-27-2023	DWG NO: 02775-02
CITY OF HOUSTON HOUSTON PUBLIC WORKS STANDARD	
TYPICAL CURB RAMP DETAILS	
FOR CITY OF HOUSTON USE ONLY	
DRAWING SCALE	
NOT TO SCALE	

MONTROSE
TAX INCREMENT REVENUE ZONE 27

Gauge
ENGINEERING
TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY, 8400
HOUSTON, TX 77078

STATE OF TEXAS

DAVID G. GREANEY
 LICENSED PROFESSIONAL ENGINEER
 Gauge Engineering, LLC
 Texas Registered Engineering Firm F-20017

SURVEYED BY:
AMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

SIDEWALK STANDARDS

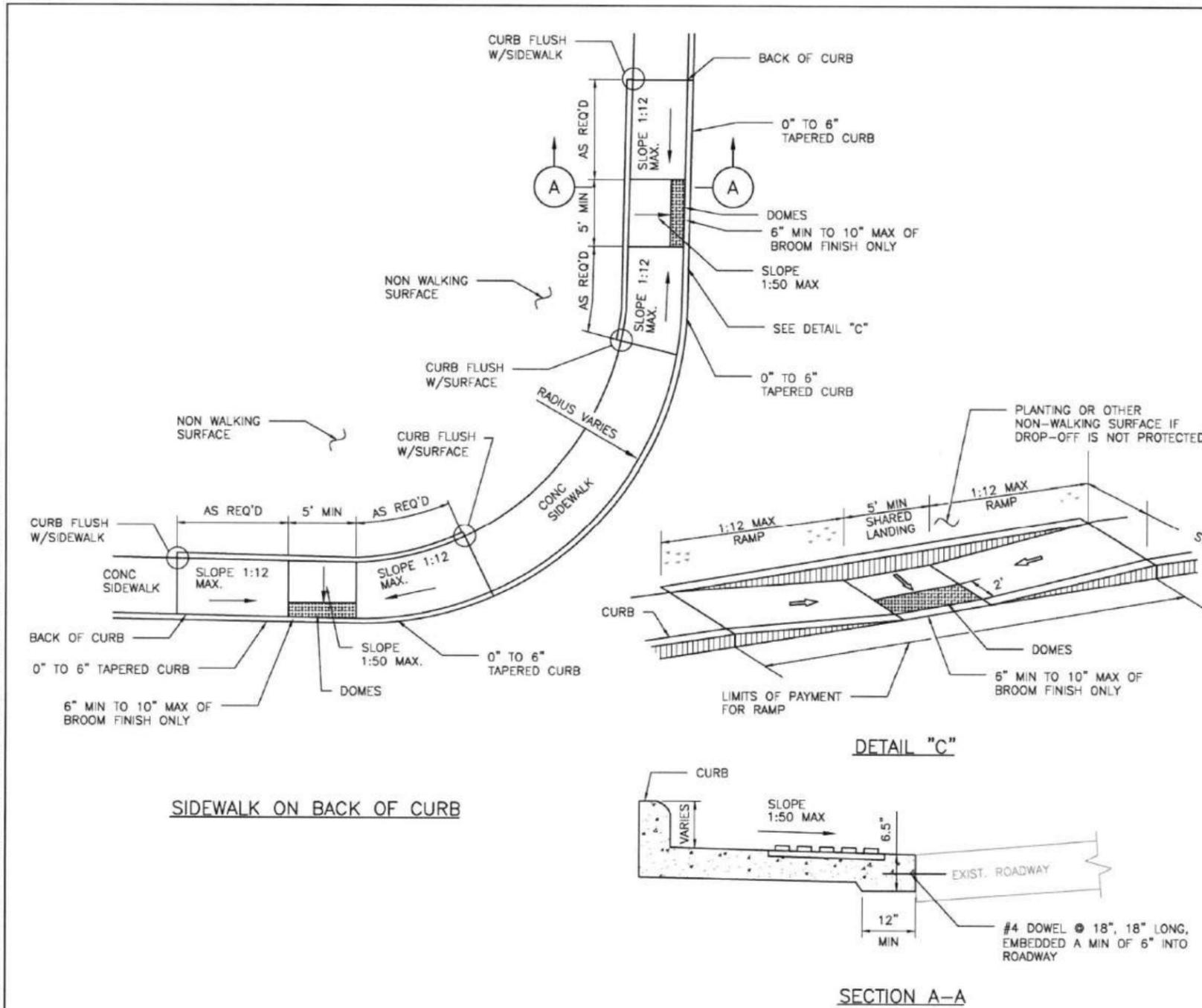
SHEET 2 OF 6

80875

WBS NUMBER: N-127000-014-7
 DRAWING SCALE: AS SHOWN
 CITY OF HOUSTON: JADA HUANG
 SHEET NO. 60 OF 61

No.	DATE	REVISIONS

DISCLAIMER:
 THE USE OF THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THEIR USE. THE ENGINEER OF RECORD (EOR) IS TO REVIEW THESE REQUIREMENTS AND BY AUTHORIZING THEIR USE, ACCEPTS RESPONSIBILITY FOR THEIR APPLICABILITY, ADEQUACY AND SAFETY. NO WARRANTY OR LIABILITY IS MADE BY THE CITY OF HOUSTON FOR ANY PURPOSES WHATSOEVER. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.



NOTES:

1. ALL RAMPS AND SIDEWALKS/WALKWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOUSTON PUBLIC WORKS STANDARDS, TEXAS ACCESSIBILITY STANDARDS (TAS) AND AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. IF THERE IS A CONFLICT IN THE REQUIREMENTS, THE STRICTEST REQUIREMENTS SHALL GOVERN.
2. CURB RAMPS THAT ARE STEEPER THAN A 1:12 MAX SLOPE WILL NOT BE ACCEPTED BY THE CITY OF HOUSTON.
3. REFER TO CONTRACT DRAWINGS FOR S-DIMENSION (S), SIDEWALK (SW), FRONTAGE BUFFER (FB), AND SAFETY BUFFER (SB) WIDTHS.

CITY OF HOUSTON HOUSTON PUBLIC WORKS STANDARD	
PARALLEL CURB RAMP	
(SCALE: NOT TO SCALE)	
APPROVED BY:	
Designated by: <i>Suhail Hanwar</i> CITY ENGINEER	Designated by: <i>Carl Hallack</i> DIRECTOR OF HPW
Designated by: <i>LEARNING NGUYEN</i> CITY TRAFFIC ENGINEER	
EFF DATE: NOV-27-2023	DWG NO: 02775-03

TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079

SURVEYED BY:
 AMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

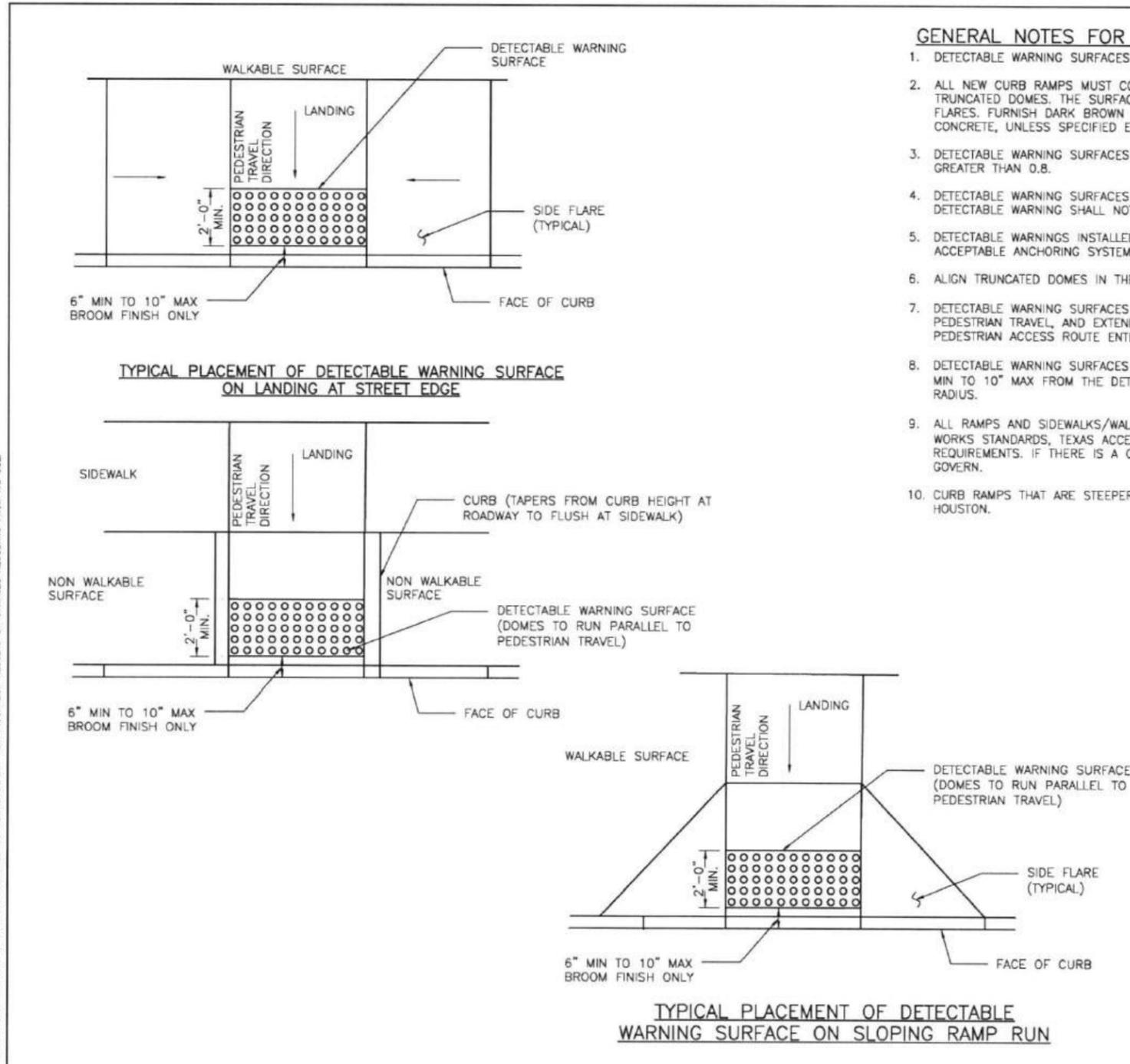
SIDEWALK STANDARDS

SHEET 3 OF 6

WBS NUMBER	N-127000-00
DRAWING SCALE	AS NOTED
CITY OF HOUSTON	JADA HUANG
SHEET NO. 51 OF	80875

No.	DATE	REVISIONS

DISCLAIMER:
 THE USE OF THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THEIR USE. THE ENGINEER OF RECORD (EOR) IS TO REVIEW THESE DESIGN REQUIREMENTS AND BY AUTHORIZING THEIR USE, ACCEPTS RESPONSIBILITY FOR THEIR APPLICABILITY, ADEQUACY AND SAFETY. NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF HOUSTON FOR ANY PURPOSES WHATSOEVER. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR INDIRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.



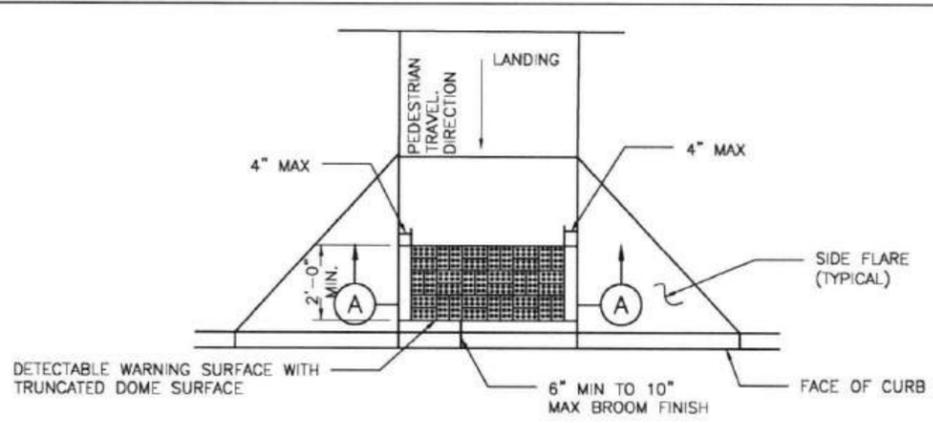
GENERAL NOTES FOR DETECTABLE WARNINGS:

1. DETECTABLE WARNING SURFACES MUST BE FULLY ADA COMPLIANT.
2. ALL NEW CURB RAMPS MUST CONTAIN A DETECTABLE WARNING SURFACE THAT CONSISTS OF RAISED TRUNCATED DOMES. THE SURFACE MUST CONTRAST VISUALLY WITH ADJOINING SURFACE, INCLUDING SIDE FLARES. FURNISH DARK BROWN OR DARK RED DETECTABLE WARNING SURFACE ADJACENT TO UNCOLORED CONCRETE, UNLESS SPECIFIED ELSEWHERE IN THE PLANS.
3. DETECTABLE WARNING SURFACES MUST MAINTAIN A SLIP RESISTANCE WITH FA-VALUE OF EQUAL TO OR GREATER THAN 0.8.
4. DETECTABLE WARNING SURFACES MUST MAINTAIN A WATER ABSORPTION RATE OF LESS THAN 1%. DETECTABLE WARNING SHALL NOT ALLOW WATER TO ACCUMULATE.
5. DETECTABLE WARNINGS INSTALLED INTO FRESH CONCRETE SHALL BE WITHOUT VOIDS AND UTILIZING AN ACCEPTABLE ANCHORING SYSTEM.
6. ALIGN TRUNCATED DOMES IN THE DIRECTION OF PEDESTRIAN TRAVEL WHEN ENTERING THE STREET.
7. DETECTABLE WARNING SURFACES SHALL BE A MINIMUM OF 24" IN DEPTH IN THE DIRECTION OF PEDESTRIAN TRAVEL, AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR LANDING WHERE THE PEDESTRIAN ACCESS ROUTE ENTERS THE STREET.
8. DETECTABLE WARNING SURFACES SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS 6" MIN TO 10" MAX FROM THE DETECTABLE WARNING SURFACES MAY BE CURVED ALONG THE CORNER RADIUS.
9. ALL RAMPS AND SIDEWALKS/WALKWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOUSTON PUBLIC WORKS STANDARDS, TEXAS ACCESSIBILITY STANDARDS (TAS) AND AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. IF THERE IS A CONFLICT IN THE REQUIREMENTS, THE STRICTEST REQUIREMENTS SHALL GOVERN.
10. CURB RAMPS THAT ARE STEEPER THAN A 1:12 MAX SLOPE WILL NOT BE ACCEPTED BY THE CITY OF HOUSTON.

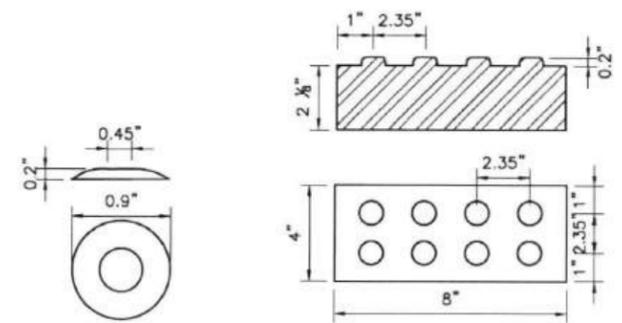
CITY OF HOUSTON HOUSTON PUBLIC WORKS STANDARD	
DETECTABLE WARNING CURB RAMP DETAILS (SCALE: NOT TO SCALE)	
APPROVED BY:	
Designated by: CITY ENGINEER	Designated by: DIRECTOR OF HPW
Designated by: CITY TRAFFIC ENGINEER	
EFF DATE: NOV-27-2023	DWG NO: 02775-06

 TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, #400 HOUSTON, TX 77078	 DAVID G. GREANEY LICENSED PROFESSIONAL ENGINEER
SURVEYED BY: AMANI ENGINEERING	
CITY OF HOUSTON HOUSTON PUBLIC WORKS	
CHERRYHURST SIDEWALK IMPROVEMENTS	
SIDEWALK STANDARDS	
SHEET 4 OF 6	
WBS NUMBER N-127000-0014	
DRAWING SCALE AS NOTED	
CITY OF HOUSTON JADA HUANG	
SHEET NO. 62 OF 71	

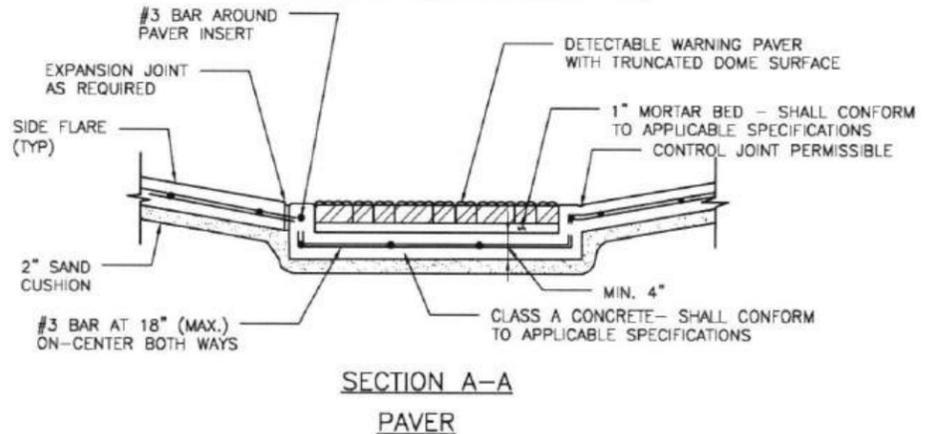
DISCLAIMER: THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS THE USE OF THE SAFETY CONCERNS ASSOCIATED WITH THEIR USE. THE ENGINEER OF RECORD (EOR) IS TO REVIEW THESE DESIGN REQUIREMENTS AND BY AUTHORIZING THEIR USE, ACCEPTS RESPONSIBILITY FOR THEIR APPLICABILITY, ACCURACY AND SAFETY. NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF HOUSTON FOR ANY PURPOSES WHATSOEVER. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.



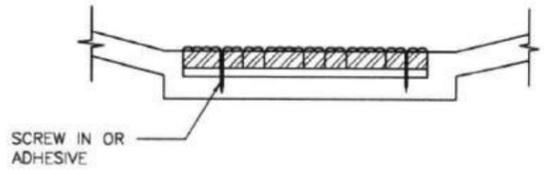
PLAN VIEW
 DETECTABLE WARNING SURFACE



DETAIL
 DETECTABLE WARNING PAVER



SECTION A-A
 PAVER



DETAIL A-5

NOTES:

GENERAL NOTES

1. ALL RAMPS AND SIDEWALKS/WALKWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOUSTON PUBLIC WORKS STANDARDS, TEXAS ACCESSIBILITY STANDARDS (TAS) AND AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. IF THERE IS A CONFLICT IN THE REQUIREMENTS, THE STRICTEST REQUIREMENTS SHALL GOVERN.
2. CURB RAMPS THAT ARE STEEPER THAN A 1:12 MAX SLOPE WILL NOT BE ACCEPTED BY THE CITY OF HOUSTON.

PAVERS

1. FURNISH DETECTABLE WARNING SURFACE UNITS MEETING ALL REQUIREMENTS OF ASTM C-936, C-33. LAY IN A TWO BY TWO UNIT BASKET WEAVE PATTERN OR AS DIRECTED.
2. LAY FULL-SIZE UNITS FIRST FOLLOWED BY CLOSURE UNITS CONSISTING OF AT LEAST 25 PERCENT OF A FULL UNIT. CUT DETECTABLE WARNING POWER UNITS USING A POWER SAW.

POLYMER CONCRETE

1. DETECTABLE WARNING TILES SHALL BE MADE OF POLYMER CONCRETE MATERIALS.
2. DETECTABLE WARNING TILES SHALL BE INSTALLED INTO FRESH CONCRETE (CAST-IN-PLACE) UTILIZING AN ANCHORING SYSTEM.
3. DETECTABLE WARNING TILES SHALL BE OF TERRACOTTA (BRICK-RED) COLOR AND COLORED THROUGHOUT TO GUARANTEE THE ADA REQUIRED COLOR CONTRAST.
4. DETECTABLE WARNING TILES SHALL MEET OR EXCEED THE FOLLOWING ASTM-BASED "STANDARDS" FOR CONCRETE MATERIALS.
 - A. COMPRESSION STRENGTH > 12,500 PSI PER ASTM C 39-04
 - B. WATER ABSORPTION < 0.25% PER ASTM C 97-09

PADS

1. FURNISH REQUIREMENTS OF ADAAG (MARCH 2003).
2. OTHER MATERIALS MAY BE USED IF APPROVED BY THE CITY ENGINEER

CITY OF HOUSTON HOUSTON PUBLIC WORKS STANDARD	
DETECTABLE WARNING SURFACE (OPTIONS)	
(SCALE: NOT TO SCALE)	
APPROVED BY:	
Designated by <i>Suhail Hanover</i> 121788004131428 CITY ENGINEER	Designated by <i>Carl Hallock</i> 1225563 DIRECTOR OF HPW
Designated by <i>FRANK NGUYEN</i> 1225563 CITY TRAFFIC ENGINEER	
EFF DATE: NOV-27-2023 DWG NO: 02775-07	

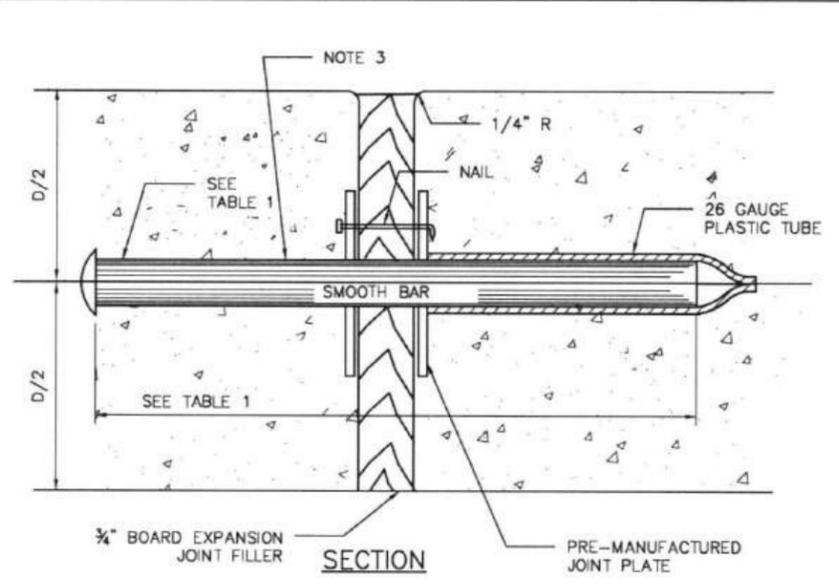
MONTROSE THE INCREMENT REINVESTMENT ZONE 27	
Gauge ENGINEERING TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, #400 HOUSTON, TX 77078	STATE OF TEXAS LICENSED PROFESSIONAL ENGINEER DAVID G. GREANEY 1225563 6-11-2009 Gauge Engineering, LLC Texas Registered Engineering Firm F-20017
SURVEYED BY: AMANI ENGINEERING	
CITY OF HOUSTON HOUSTON PUBLIC WORKS	
CHERRYHURST SIDEWALK IMPROVEMENTS	
SIDEWALK STANDARDS	
SHEET 5 OF 6	
WBS NUMBER: N-127000-01A-7	FOR CITY OF HOUSTON USE ONLY
DRAWING SCALE: AS NOTED	80875
CITY OF HOUSTON, TX	
JADA HUAN	
SHEET NO. 53 OF	

No.	DATE	REVISIONS	APP.

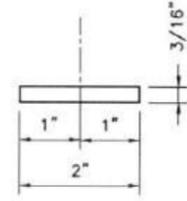
Pen Tables: Tx*Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer - CENConf\configuration\2022\WorkSpaces\TXDOT\p\inting\plctfg\pdf-c.pltcfq
 Plotted on: 6/6/2025 11:51:59 AM #USER#

DocuSign Envelope ID: 9B122261-CF05-457B-9A65-2650F40B66D5

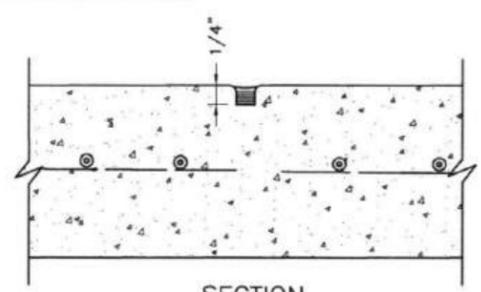
DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THEIR USE. THE ENGINEER OF RECORD (TOR) IS TO REVIEW THESE DESIGN REQUIREMENTS AND BY AUTHORIZING THEIR USE, ACCEPTS RESPONSIBILITY FOR THEIR APPLICABILITY, ACCURACY AND SAFETY. NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF HOUSTON FOR ANY PURPOSES WHATSOEVER. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.



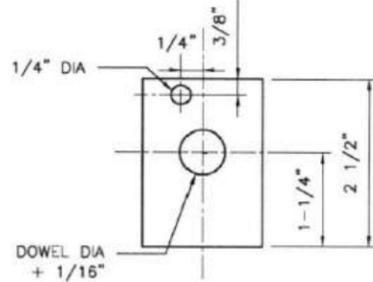
SECTION DOWEL TYPE EXPANSION JOINT



PLAN VIEW JOINT PLATE



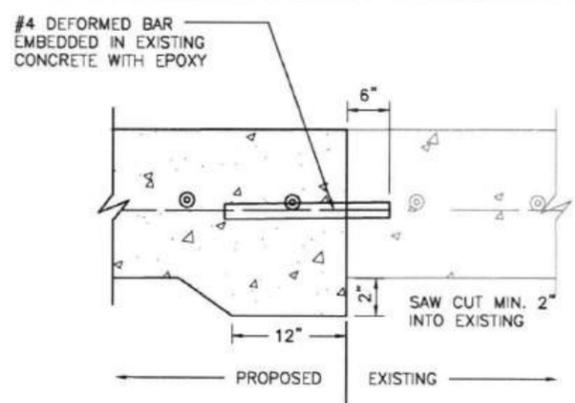
SECTION CONTROL JOINT



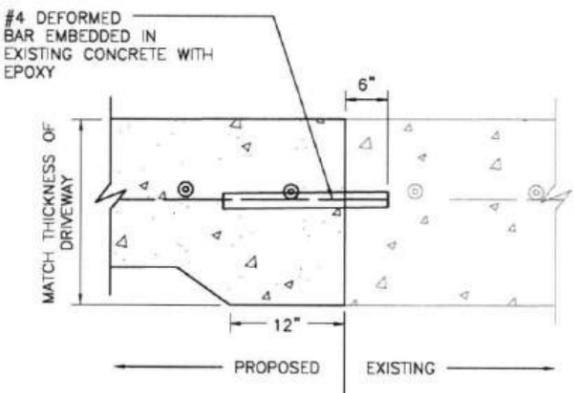
ELEVATION VIEW JOINT PLATE

TABLE 1

PAVEMENT THICKNESS (IN)	DOWEL SIZES AND SPACINGS		
	DIAMETER (IN)	LENGTH (IN)	SPACING (IN)
4 1/2	1/2	18	12
5	1/2	18	12
6	3/4	18	12
7	1	18	12



SECTION SIDEWALK TO EXISTING SIDEWALK



SECTION SIDEWALK TO EXISTING DRIVEWAY

NOTES:

1. STEEL TO MEET ASTM STANDARD SPECIFICATIONS FOR CONCRETE REINFORCING BARS.
2. EXPANSION JOINT TO BE PLACED AT THE END OF EACH CURB RADIUS AND SPACED AT A MAXIMUM DISTANCE OF 3 FEET MAXIMUM SPACING FOR CONTROL JOINTS SHALL BE 5 FEET.
3. CENTER DOWEL HORIZONTALLY ON JOINT.
4. CENTER DOWEL VERTICALLY IN CONCRETE AS NEEDED TO MAINTAIN A 2 INCH MINIMUM COVER.

CITY OF HOUSTON
HOUSTON PUBLIC WORKS STANDARD

SIDEWALK EXPANSION AND CONSTRUCTION JOINT DETAILS
(SCALE: NOT TO SCALE)

APPROVED BY:

Designated by: <i>Sulaim Hanwar</i> CITY ENGINEER	Designated by: <i>Carl Hallack</i> DIRECTOR OF HPW
Designated by: <i>FRANK NGUYEN</i> CITY TRAFFIC ENGINEER	

EFF DATE: NOV-27-2023 DWG NO: 02752-02

MONTROSE
TAX INCREMENT REINVESTMENT ZONE 17

Gauge ENGINEERING
TEXAS PE FIRM REG # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77078

DAVID G. GREANEY
125563
LICENSED PROFESSIONAL ENGINEER

SURVEYED BY:
AMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

SIDEWALK STANDARDS

SHEET 6 OF 6

RBS NUMBER: N-127000-000007
DRAWING SCALE: AS NOTED
CITY OF HOUSTON
JADA HUANG
SHEET NO. 54 OF 71

80875

No.	DATE	REVISIONS

Design File Name: P:\TRZ_27\1320-Cherryhurst Sidewalk Improvements\4-0-Product\01-Marketing\4-1-CAD\Roadway\STANDARD\SIDEWALK STANDARD 06.dgn

Design Group © 2022-2025 475-940-2828/2829

DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THEIR USE. THE ENGINEER OF RECORD (EOR) IS TO REVIEW THESE DESIGN REQUIREMENTS AND BY AUTHORIZING THEIR USE, ACCEPTS RESPONSIBILITY FOR THEIR APPROPRIATE, ACCURACY AND SAFETY. NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF HOUSTON FOR ANY PURPOSES WHATSOEVER. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR ANY DAMAGES RESULTING FROM ITS USE.

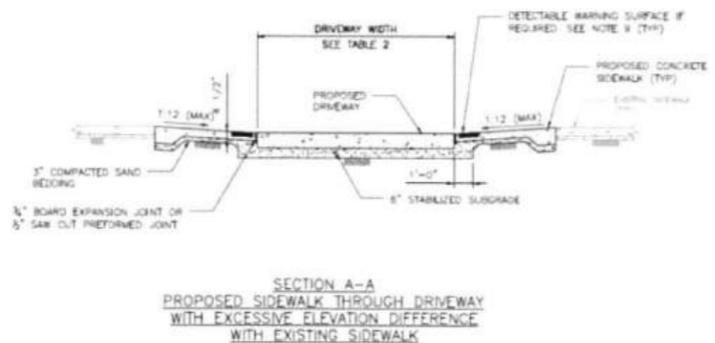
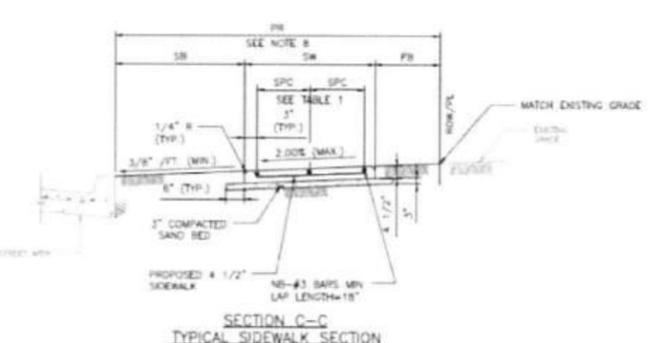
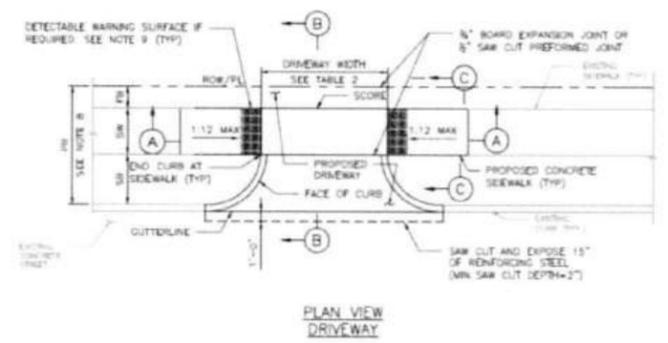


TABLE 1
REINFORCING STEEL INFORMATION FOR 4 & 8" THICK SIDEWALKS

SIDEWALK THICKNESS (IN)	SIDEWALK WIDTH (FT)	LONGITUDINAL STEEL			TRANSVERSE STEEL #3 BARS SPACING (IN)
		NO. OF BARS "NO"	SPACING "SPC" (IN)	END BAR SPACING (IN)	
4.5	5	3	27	3	48
4.5	6	4	22	3	48

EXPANSION JOINT SPACING = 40 FT
 F_c = 3,500 PSI AND F_y = 60,000 PSI
 REFER TO CONTRACT DRAWINGS FOR SIDEWALKS WIDER THAN 6 FEET

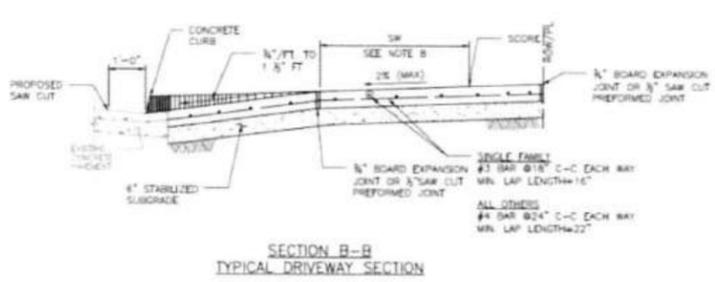


TABLE 2
DRIVEWAY DESIGN CRITERIA (1)(2)

TRAFFIC TYPE	TYPE A DRIVEWAY (FOR SINGLE FAMILY RESIDENTIAL HOUSES OR DUPLEXES)		TYPE B DRIVEWAY (SHARED ACCESS/SHARED DRIVEWAY)		TYPE C DRIVEWAY (COMMERCIAL DRIVEWAY)	
	WIDTH (FT)	RADIUS (FT)	WIDTH (FT)	RADIUS (FT)	WIDTH (FT)	RADIUS (FT)
ONE-WAY	10	12	4	10	12 ⁽¹⁾	16 ⁽¹⁾
TWO-WAY	12 ⁽³⁾	24 ⁽³⁾	4	10	16 ⁽¹⁾	24

(1) REFER TO INFRASTRUCTURE DESIGN MANUAL ARTICLE 15.2.07.C.1.F FOR DRIVEWAYS THAT REQUIRE A VEHICLE TRIP PATH ANALYSIS.
 (2) REFER TO INFRASTRUCTURE DESIGN MANUAL ARTICLES 15.2.07.C.1.G (1) AND 15.2.07.C.1.G (2) FOR TYPE 1 P&E AND TYPE 2 P&E REQUIREMENTS.
 (3) THE MINIMUM WIDTH FOR JOINT ACCESS DRIVEWAY IS 12 FT.
 (4) REFER TO CHAPTER 42 OF THE CODE OF ORDINANCES FOR DRIVEWAY WIDTHS FOR NARROW LOTS.
 (5) ONLY MURF AND COURTYARD STYLE DEVELOPMENTS ON CORNER LOTS CAN HAVE ONE-WAY DRIVEWAYS.
 (6) REFER TO CHAPTER 42, SECTION 42-146 OF THE CODE OF ORDINANCES FOR EXCEPTIONS TO THE MINIMUM DRIVEWAY WIDTH FOR SHARED DRIVEWAYS.

- NOTES:
- REPAIR, RECONSTRUCTION OR REPLACEMENT OF SIDEWALKS SHALL MEET PERMITTING REQUIREMENTS OF CODE OF ORDINANCES SECTION 40-542.
 - FOR REPAIR, RECONSTRUCTION, OR REPLACEMENT OF EXISTING SIDEWALKS:
 - EXISTING SIDEWALKS LESS THAN OR EQUAL TO 20 FEET IN TOTAL LENGTH:
 - THE PROPOSED SIDEWALK WIDTH WILL BE ALLOWED TO MATCH THE EXISTING SIDEWALK.
 - EXISTING SIDEWALKS GREATER THAN 20 FEET IN TOTAL LENGTH:
 - THE SIDEWALK WIDTH FOR THE ENTIRE PROPERTY WIDTH SHALL BE IMPROVED TO MEET WIDTH REQUIREMENTS ACCORDING TO THE LATEST INFRASTRUCTURE DESIGN MANUAL.
 - 20 FOOT TOTAL LENGTH IS DEFINED AS:
 - UP TO 10 FEET ON BOTH SIDES OF THE DRIVEWAY; OR
 - UP TO 20 FEET WHEN SIDEWALK AFFECTED IS LOCATED ONLY ON ONE SIDE OF THE DRIVEWAY.
 - ALL JOINTS ALONG THE SIDEWALK SHALL BE CONSTRUCTED ACCORDING TO DRAWING 02752-02 AND SPECIFICATION 02752.
 - DRIVEWAYS SHALL BE MINIMUM 6" THICK FOR SINGLE FAMILY AND DUPLEXES. DRIVEWAYS SHALL BE MINIMUM 8" THICK FOR ALL OTHERS (I.E. COMMERCIAL, INDUSTRIAL, ETC.).
 - DRIVEWAYS AND SIDEWALKS SHALL BE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE AND INCLUDE 5 1/2 BAGS OF CEMENT PER CUBIC YARD OF CONCRETE.
 - ALL RAMPS AND SIDEWALKS/WALKWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOUSTON PUBLIC WORKS STANDARDS, TEXAS ACCESSIBILITY STANDARDS (TAS) AND AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. IF THERE IS A CONFLICT IN THE REQUIREMENTS, THE STRICTEST REQUIREMENTS SHALL GOVERN.
 - CURB RAMPS THAT ARE STEEPER THAN A 1:12 MAX SLOPE WILL NOT BE ACCEPTED BY THE CITY OF HOUSTON.
 - REFER TO CONTRACT DRAWINGS FOR PEDESTRIAN REALM (PR), SIDEWALK (SW), FRONTAGE BUFFER (FB), AND SAFETY BUFFER (SB) WIDTHS.
 - DETECTABLE WARNING SURFACES:
 - SIDEWALK SHALL HAVE A DETECTABLE WARNING SURFACE WHERE:
 - SIDEWALK INTERSECTS TYPE C DRIVEWAYS (COMMERCIAL DRIVEWAYS) THAT ARE STOP, YIELD, OR TRAFFIC SIGNAL CONTROLLED, OR
 - SIDEWALK SLOPE IS GREATER THAN 1:20 AND INTERSECTS A TYPE C DRIVEWAY (COMMERCIAL DRIVEWAY).
 - DETECTABLE WARNING SURFACES ARE OPTIONAL WHERE SIDEWALKS INTERSECT TYPE A DRIVEWAYS (SINGLE FAMILY RESIDENTIAL HOUSES OR DUPLEXES) OR TYPE B DRIVEWAYS (SHARED ACCESS/SHARED DRIVEWAYS).
 - REFER TO STANDARD DETAILS 02775-04 TO 02775-07 FOR DETECTABLE WARNING SURFACE STANDARDS.

APPROVED BY: [Signature]
 CITY ENGINEER

APPROVED BY: [Signature]
 CITY TRAFFIC ENGINEER

APPROVED BY: [Signature]
 DIRECTOR OF HOUSTON PUBLIC WORKS

EFF. DATE: NOV-27-2023 DWG NO: 02754-018

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS STANDARD

DRIVEWAY DETAIL WITH 6" CURBED STREETS

FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE: NOT TO SCALE

MONTROSE
 TAX INCREMENT REINVESTMENT ZONE 27

Gauge
 ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, 4400
 HOUSTON, TX 77279

STATE OF TEXAS
 DAVID G. GREANEY
 LICENSED PROFESSIONAL ENGINEER
 125663
 9/12/2008
 Gauge Engineering, LLC
 Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

DRIVEWAY STANDARDS

SHEET 1 OF 2

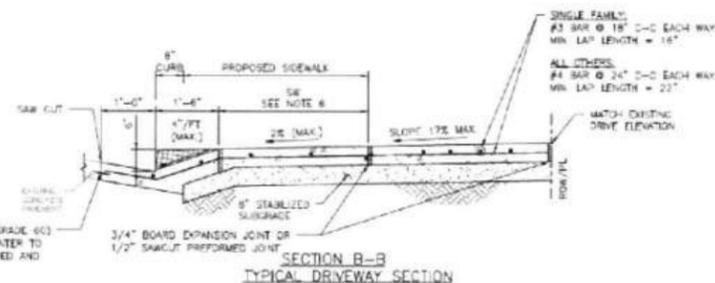
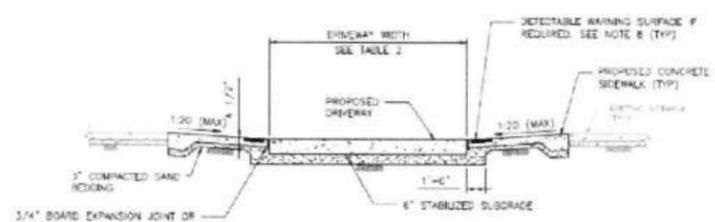
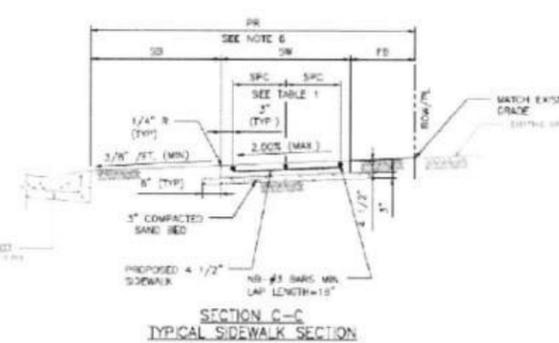
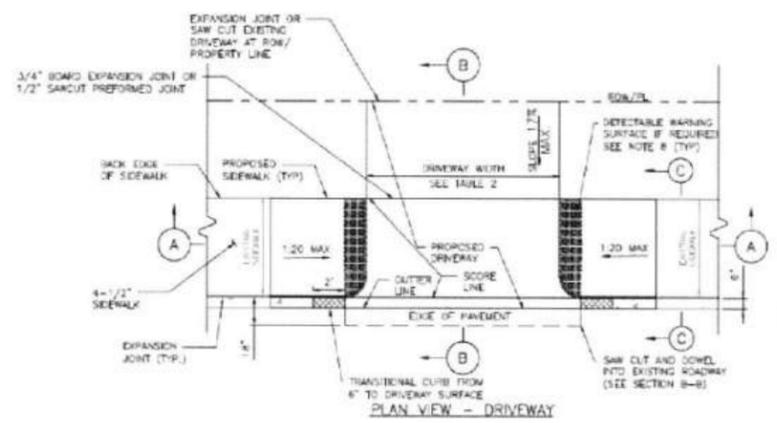
WBS NUMBER: N-127000-001-7
 DRAWING SCALE: AS NOTED
 CITY OF HOUSTON
 JADA HUANG
 SHEET NO. 55 OF 71

80875

No.	DATE	REVISIONS

Copyright © 2022-2025 by Bentley Systems, Incorporated. All rights reserved. Bentley and the "B" logo are registered trademarks of Bentley Systems, Incorporated or Bentley Software, Inc. Other brands and product names are trademarks of their respective owners.

THIS STANDARD IS GOVERNED BY THE TRADE REQUIREMENTS OF THE DESIGN REQUIREMENTS OF THE STANDARD. IT IS THE USER'S RESPONSIBILITY TO VERIFY THAT THE STANDARD IS APPLICABLE TO THE PROJECT AND TO OBTAIN NECESSARY PERMITS AND APPROVALS FROM THE CITY OF HOUSTON FOR ANY PURPOSES WHATSOEVER. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR ACCURACY, COMPLETENESS, OR FITNESS FOR ANY PARTICULAR USE. THE USER ASSUMES ALL LIABILITY FOR ANY DAMAGE, LOSS, OR INJURY RESULTING FROM THE USE OF THIS STANDARD.



NOTES:

- REPAIR, RECONSTRUCTION OR REPLACEMENT OF SIDEWALKS SHALL MEET PERMITTING REQUIREMENTS OF CODE OF ORDINANCES SECTION 40-052.
- FOR REPAIR, RECONSTRUCTION, OR REPLACEMENT OF EXISTING SIDEWALKS:
 - EXISTING SIDEWALKS LESS THAN OR EQUAL TO 20 FEET IN TOTAL LENGTH:
 - THE PROPOSED SIDEWALK WIDTH WILL BE ALLOWED TO MATCH THE EXISTING SIDEWALK.
 - EXISTING SIDEWALKS GREATER THAN 20 FEET IN TOTAL LENGTH:
 - THE SIDEWALK WIDTH FOR THE ENTIRE PROPERTY WIDTH SHALL BE IMPROVED TO MEET WIDTH REQUIREMENTS ACCORDING TO THE LATEST INFRASTRUCTURE DESIGN MANUAL.
 - 20 FOOT TOTAL LENGTH IS DEFINED AS:
 - UP TO 10 FEET ON BOTH SIDES OF THE DRIVEWAY, OR
 - UP TO 20 FEET WHEN SIDEWALK AFFECTED IS LOCATED ONLY ON ONE SIDE OF THE DRIVEWAY.
- PROPOSED SIDEWALKS THAT DO NOT FALL WITHIN THE SCOPE DEFINED IN NOTE 2 SHALL BE DESIGNED ACCORDING TO IDW REQUIREMENTS AND CONSTRUCTED ACCORDING TO THE CONTRACT DRAWINGS.
- ALL RAMP AND SIDEWALKS/WALKWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOUSTON PUBLIC WORKS STANDARDS, TEXAS ACCESSIBILITY STANDARDS (TAS) AND AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. IF THERE IS A CONFLICT IN THE REQUIREMENTS, THE STRICTEST REQUIREMENTS SHALL GOVERN.
- CURB RAMP THAT ARE STEEPER THAN A 1:20 MAX SLOPE WILL NOT BE ACCEPTED BY THE CITY OF HOUSTON.
- REFER TO CONTRACT DRAWINGS FOR PEDESTRIAN REAM (PR), SIDEWALK (SW), FRONTAGE BUFFER (FB), AND SAFETY BUFFER (SB) WIDTHS.
- DRIVEWAYS SHALL BE MINIMUM 6" THICK FOR SINGLE FAMILY AND DUPLEXES. DRIVEWAYS SHALL BE MINIMUM 7" THICK FOR ALL OTHERS (I.E. COMMERCIAL, INDUSTRIAL, ETC.).

5. DETECTABLE WARNING SURFACES

1. SIDEWALK SHALL HAVE A DETECTABLE WARNING SURFACE WHERE SIDEWALK INTERSECTS TYPE C DRIVEWAYS (COMMERCIAL DRIVEWAYS) THAT ARE STOP, YIELD, OR TRAFFIC SIGNAL CONTROLLED.
2. DETECTABLE WARNING SURFACES ARE OPTIONAL WHERE SIDEWALKS INTERSECT TYPE A DRIVEWAYS (SINGLE FAMILY RESIDENTIAL HOUSES OR DUPLEXES) OR TYPE B DRIVEWAYS (SHARED ACCESS/SHARED DRIVEWAYS).
3. REFER TO STANDARD DETAILS 02775-06 TO 02775-07 FOR DETECTABLE WARNING SURFACE STANDARDS.

TABLE 1

REINFORCING STEEL INFORMATION FOR 4 1/2" THICK SIDEWALKS
 EXPANSION JOINT SPACING = 40 FT
 $f_c = 3,500$ PSI AND $f_y = 60,000$ PSI
 REFER TO CONTRACT DRAWINGS FOR SIDEWALKS WIDER THAN 6 FEET

SIDEWALK THICKNESS (IN)	SIDEWALK WIDTH (FT)	LONGITUDINAL STEEL			TRANSVERSE STEEL #3 BARS SPACING (IN)
		NO. OF BARS "TOP"	SPACING (IN)	END BAR SPACING (IN)	
4.5	5	3	27	3	48
4.5	6	4	22	3	48

TABLE 2

DRIVEWAY DESIGN CRITERIA (1)(2)

TRAFFIC TYPE	TYPE A DRIVEWAY (FOR SINGLE FAMILY RESIDENTIAL HOUSES OR DUPLEXES)				TYPE B DRIVEWAY (SHARED ACCESS/SHARED DRIVEWAY)				TYPE C DRIVEWAY (COMMERCIAL DRIVEWAY)			
	WIDTH (FT)		RADIUS (FT)		WIDTH (FT)		RADIUS (FT)		WIDTH (FT)		RADIUS (FT)	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
ONE-WAY	10	12	4	10	12(3)	16(5)	4(5)	10(5)	10	20	10	20
TWO-WAY	10(3)	24(4)	4	10	18(6)	24	4	10	24	35	10	20

(1) REFER TO INFRASTRUCTURE DESIGN MANUAL ARTICLE 15.2.07 C.1.F FOR DRIVEWAYS THAT REQUIRE A VEHICLE SWEEP PATH ANALYSIS.
 (2) REFER TO INFRASTRUCTURE DESIGN MANUAL ARTICLES 15.2.07 C.1.S.(1) AND 15.2.07 C.1.S.(2) FOR TYPE 1 P&E AND TYPE 2 P&E REQUIREMENTS.
 (3) THE MINIMUM WIDTH FOR JOINT ACCESS DRIVEWAY IS 12 FT.
 (4) REFER TO CHAPTER 42 OF THE CODE OF ORDINANCES FOR DRIVEWAY WIDTHS FOR NARROW LOTS.
 (5) ONLY MURP AND COURTYARD STYLE DEVELOPMENTS ON CORNER LOTS CAN HAVE ONE-WAY DRIVEWAYS.
 (6) REFER TO CHAPTER 42, SECTION 42-146 OF THE CODE OF ORDINANCES FOR EXCEPTIONS TO THE MINIMUM DRIVEWAY WIDTH FOR SHARED DRIVEWAYS.

APPROVED BY: [Signature] CITY ENGINEER

APPROVED BY: [Signature] CITY TRAFFIC ENGINEER

APPROVED BY: [Signature] DIRECTOR OF HOUSTON PUBLIC WORKS

DATE: NOV-27-2023 DWG NO: 02754-04

CITY OF HOUSTON
HOUSTON PUBLIC WORKS STANDARD

PROPOSED SIDEWALK THROUGH DRIVEWAY WITH MINIMAL ELEVATION DIFFERENCE

FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE: NOT TO SCALE

MONTROSE
TAX INCENTIVE REINVESTMENT ZONE 27

Gauge ENGINEERING
TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY, #400
HOUSTON, TX 77075

DAVID G. GREANEY
125563
LICENSED PROFESSIONAL ENGINEER
Texas Registered Engineering Firm F-20017

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

SURVEYED BY: AMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

DRIVEWAY STANDARDS

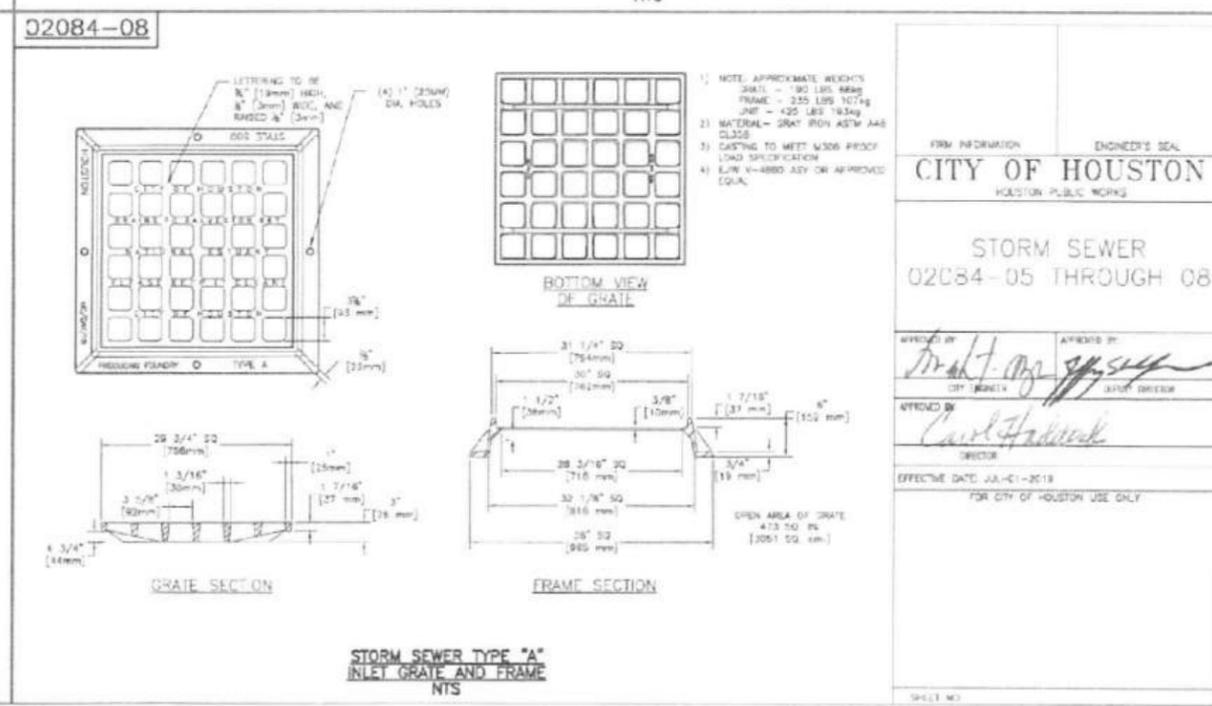
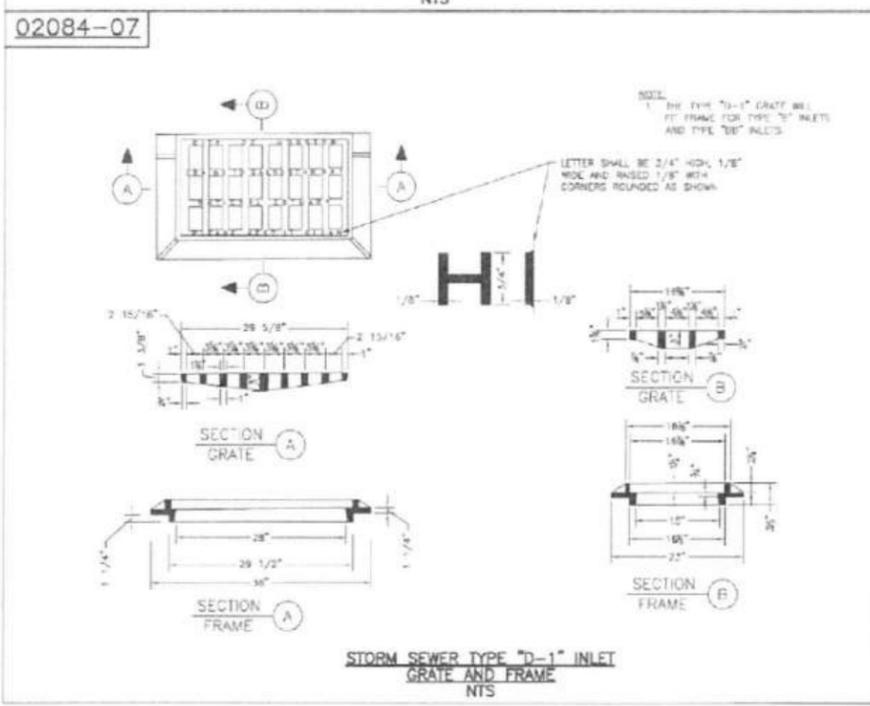
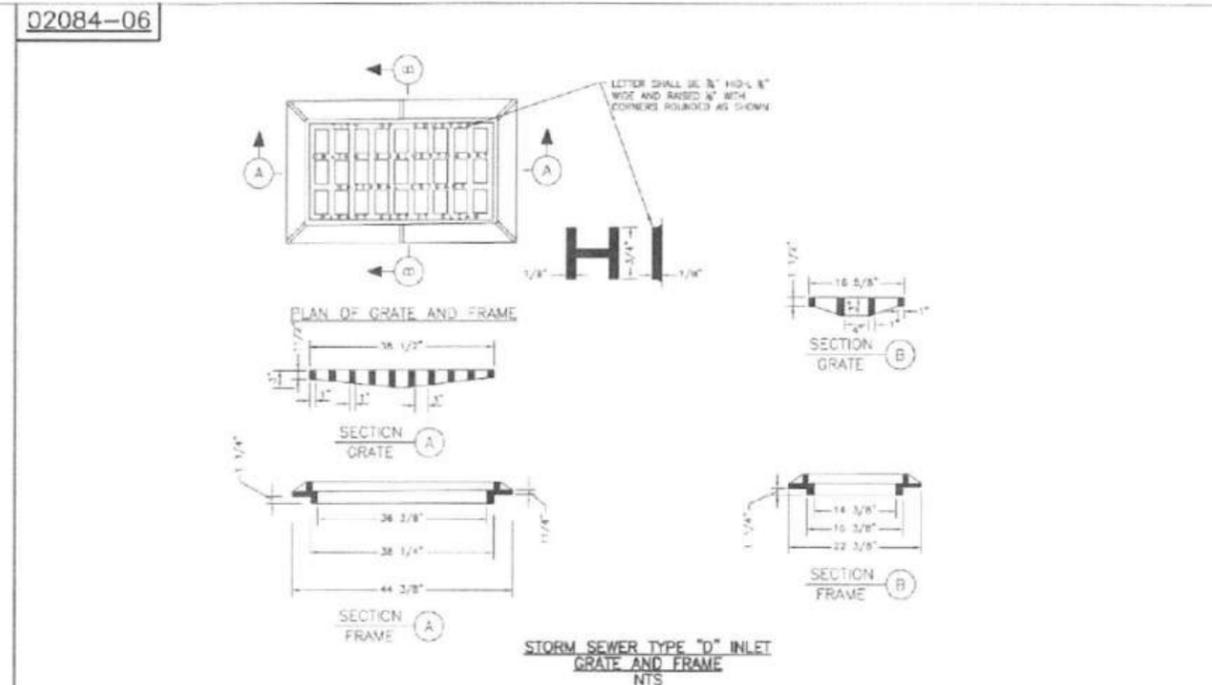
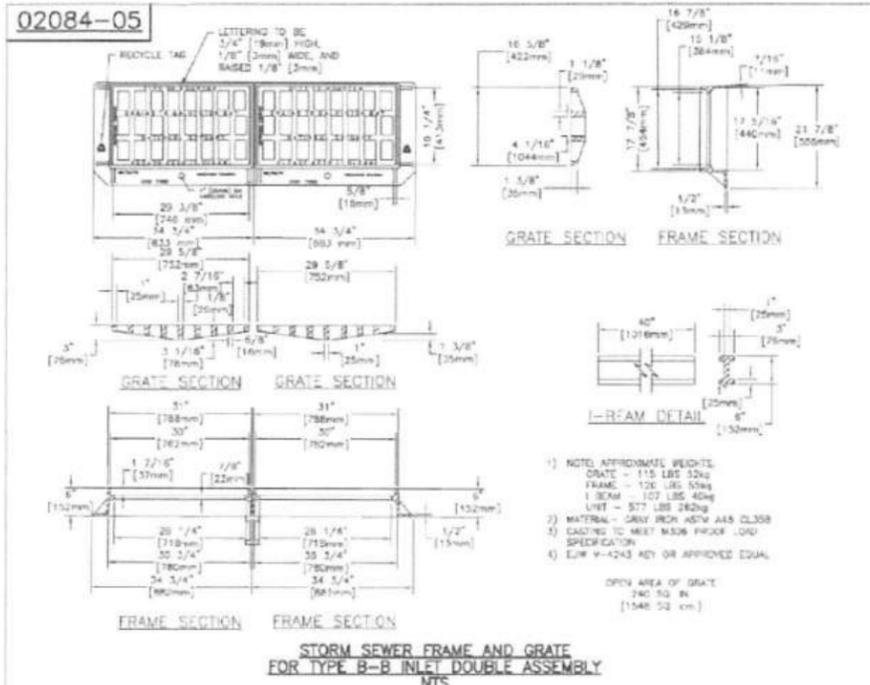
SHEET 2 OF 2

WBS NUMBER: N-T27000-4-7
DRAWING SCALE: AS SHOWN
CITY OF HOUSTON, TX
JPCA HOUSTON

80875

SHEET NO. 56 OF 74

NO.	DATE	REVISIONS



FIRM INFORMATION: CITY OF HOUSTON HOUSTON PUBLIC WORKS

ENGINEER'S SEAL

STORM SEWER 02084-05 THROUGH 08

APPROVED BY: [Signature] CITY ENGINEER

APPROVED BY: [Signature] DEPUTY DIRECTOR

EFFECTIVE DATE: JULY-2019 FOR CITY OF HOUSTON USE ONLY

MONTROSE
TAX INCREMENT REVENUE ZONE 27

Gauge ENGINEERING
TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY #400
HOUSTON TX 77079

DAVID G. GREANEY
LICENSED PROFESSIONAL ENGINEER
125563
Texas Registered Engineering Firm F-20017

SURVEYED BY: AMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS DRAINAGE STANDARD

SHEET 1 OF 2

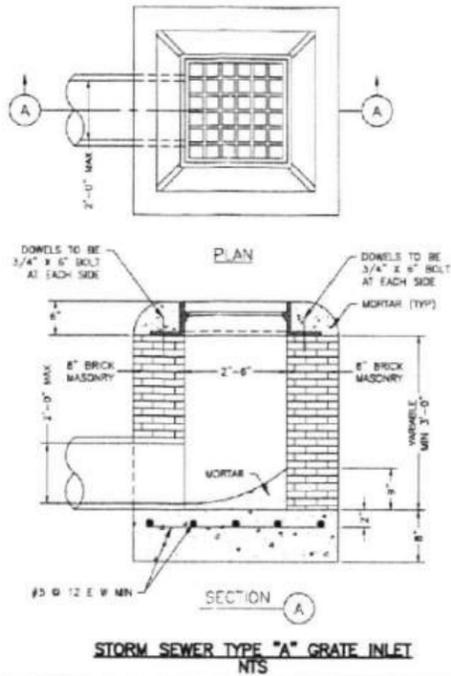
80875

SHEET NO. 57 OF

NO.	DATE	REVISIONS

Pen Tables: Tx+Pen.tbl
 Plot Drivers: \\stdstandards\stds\Bentley\OpenRoads Designer_CEN\Configurations\2022\WorkSpaces\TXDOT\Printing\plotfcpdf.cpl
 6/6/2025 12:35:24 PM BUSERS

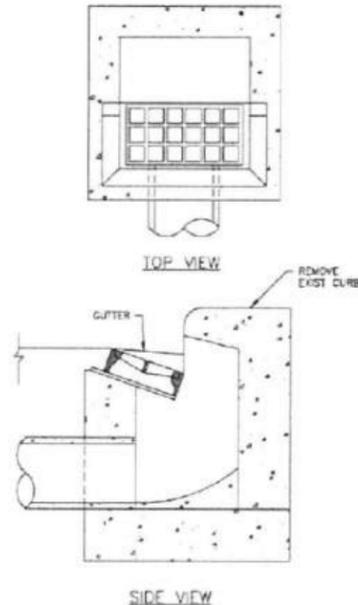
02632-01



COH IS PHASING OUT BRICK, NEW
 DETAILS TO BE POSTED END OF 2019

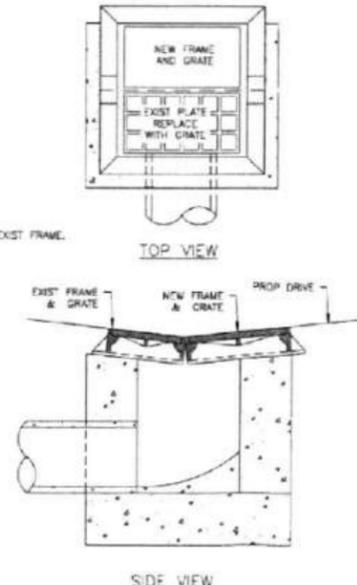
02632-03

STEP 1: EXIST TYPE "B" INLET



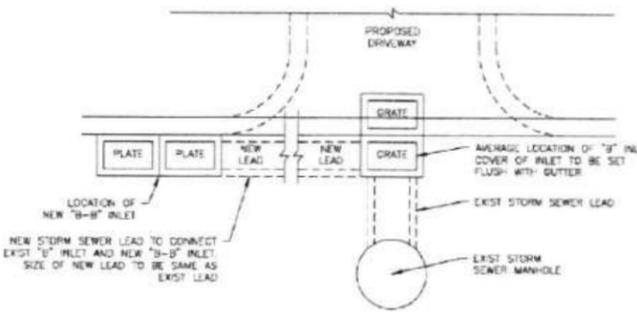
STEP 2:

- NOTES:
1. AFTER REMOVING EXIST CURB, RAISE EXIST FRAME TO GUTTER GRADE.
 2. REPLACE EXIST PLATE WITH A GRATE.
 3. ADD NEW FRAME AND GRATE NEXT TO EXIST FRAME.
 4. BACKFILL INLET TO A POINT ONE FOOT BEHIND THE CURB WITH 1 SACK/TON CEMENT STABILIZED SAND.



STORM SEWER TYPE "B" INLET RELOCATION
 NTS

STEP 3: CONSTRUCT NEW TYPE "B-B" INLET ON CURB RETURN OF PROPOSED DRIVEWAY



FIRM INFORMATION		ENGINEER'S SEAL	
CITY OF HOUSTON HOUSTON PUBLIC WORKS			
STORM SEWER 02632-01 AND 03			
APPROVED BY:	<i>[Signature]</i>	APPROVED BY:	<i>[Signature]</i>
	CITY ENGINEER		DEPUTY DIRECTOR
APPROVED BY:	<i>[Signature]</i>		
	DIRECTOR OF PUBLIC WORKS AND ENGINEERING		
EFFECTIVE DATE: JUL-01-2019			
FOR CITY OF HOUSTON USE ONLY			
SHEET NO. XI OF XI			

MONTROSE
TAX INCREMENT REVENUE ZONE 27

Gauge
ENGINEERING
TEXAS PE FIRM REG. # F-20017
11750 KATY FREEWAY #400
HOUSTON, TX 77039

STATE OF TEXAS

DAVID G. GREANEY
 LICENSED PROFESSIONAL ENGINEER
 Gauge Engineering LLC
 Texas Registered Engineering Firm F-20017

SURVEYED BY:
SAMMI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

DRAINAGE STANDARD

SHEET 2 OF 2

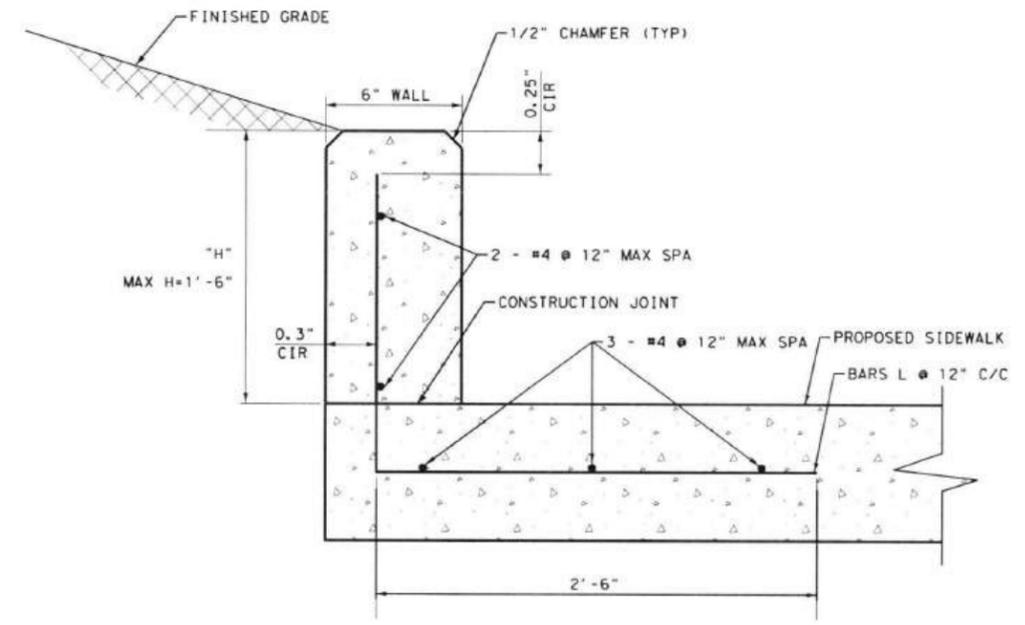
WBS NUMBER: N-T2700-4-7
 DRAWING SCALE: AS NOTED
 CITY OF HOUSTON
 JADA HUNG
 SHEET NO. 58 OF 77

80875

NO.	DATE	REVISIONS

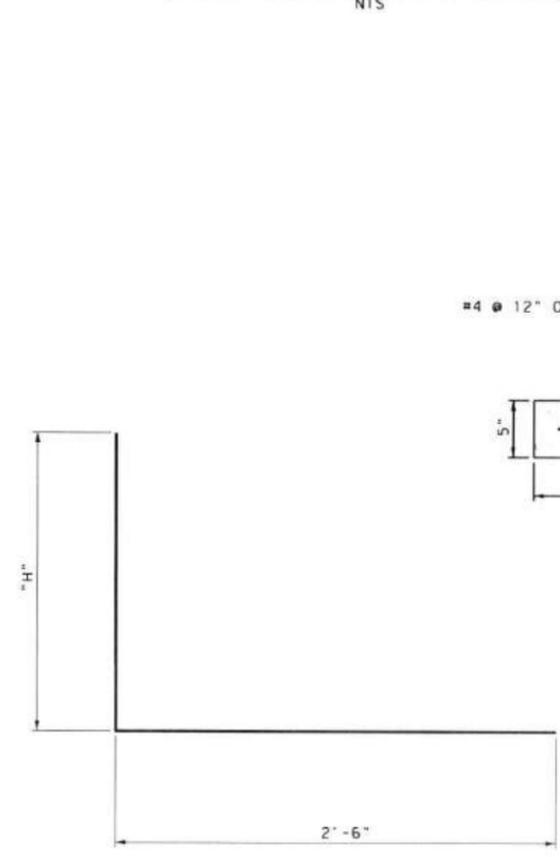
I:\Projects\2022\02632-01\02632-03\02632-03.dwg - Production - Working - 1-CAD\Roadway\STANDARD\DRAINAGE STANDARD 01.dwg

Pen Tablet: TX+Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer - CEN\Config\2022\WorkSpaces\TXDOT\pr\inting\plctfg\ddf-c.plctfg
 Plotted on: 6/6/2025 11:52:09 AM #USERS

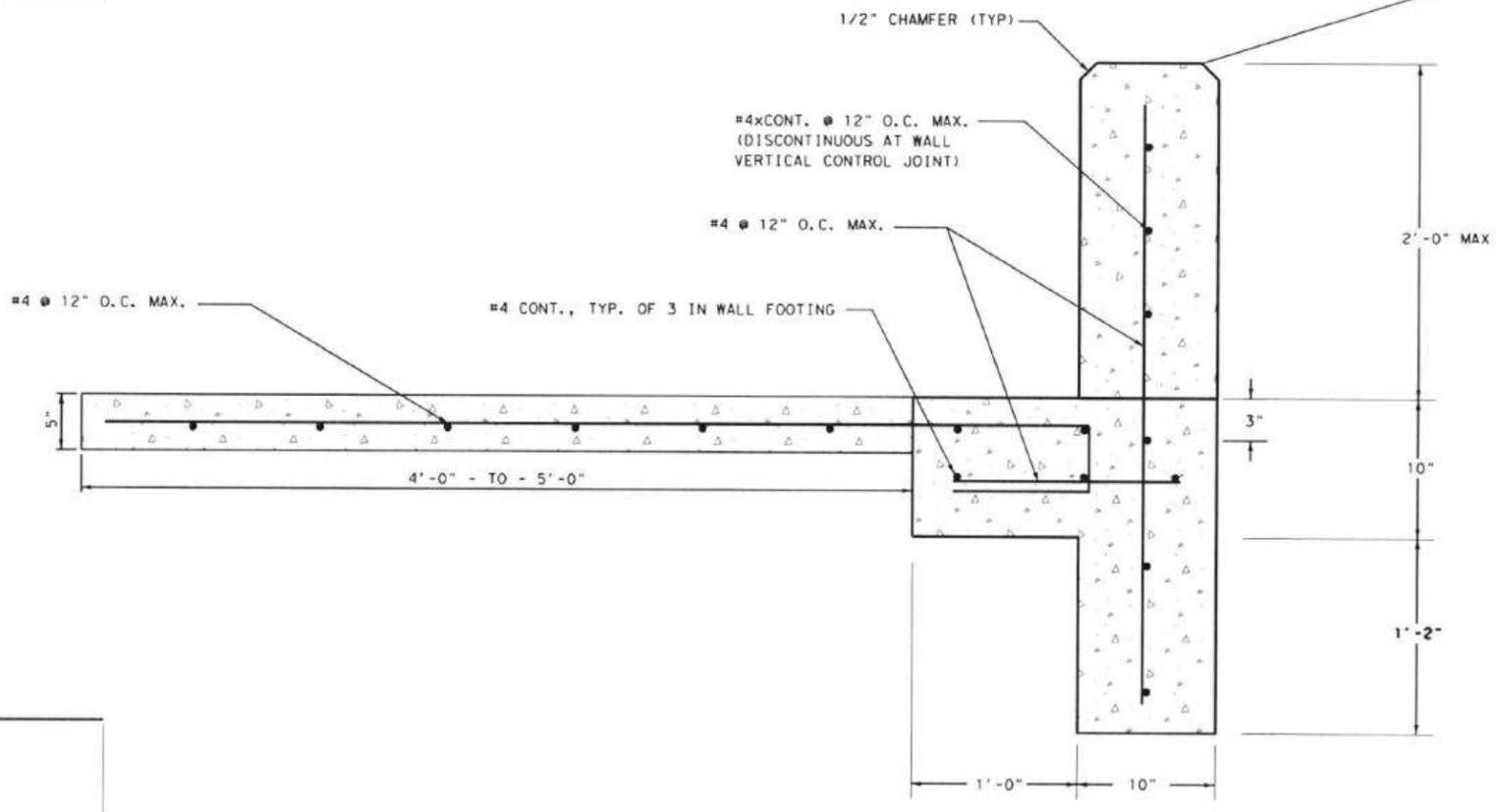


CONCRETE CURB WALL - TYPE 1
 NTS

- NOTE:
1. CONTRACTOR TO PROVIDE EXPANSION JOINTS IN CONCRETE CURB WALL AT 8' O.C. MAX SPACING SHALL BE DETERMINED BY WALL LENGTH TO ACHIEVE EQUAL SPACING RECEIVED 1/2" VERTICAL CHAMFERS, TYP.
 2. MINIMUM WALL HEIGHT OF 4".
 3. CONCRETE STRENGTH F'C=4,000 PSI.
 4. ALL STRUCTURAL STEEL SHALL BE GRADE 60.



BAR L (#5)
 NTS



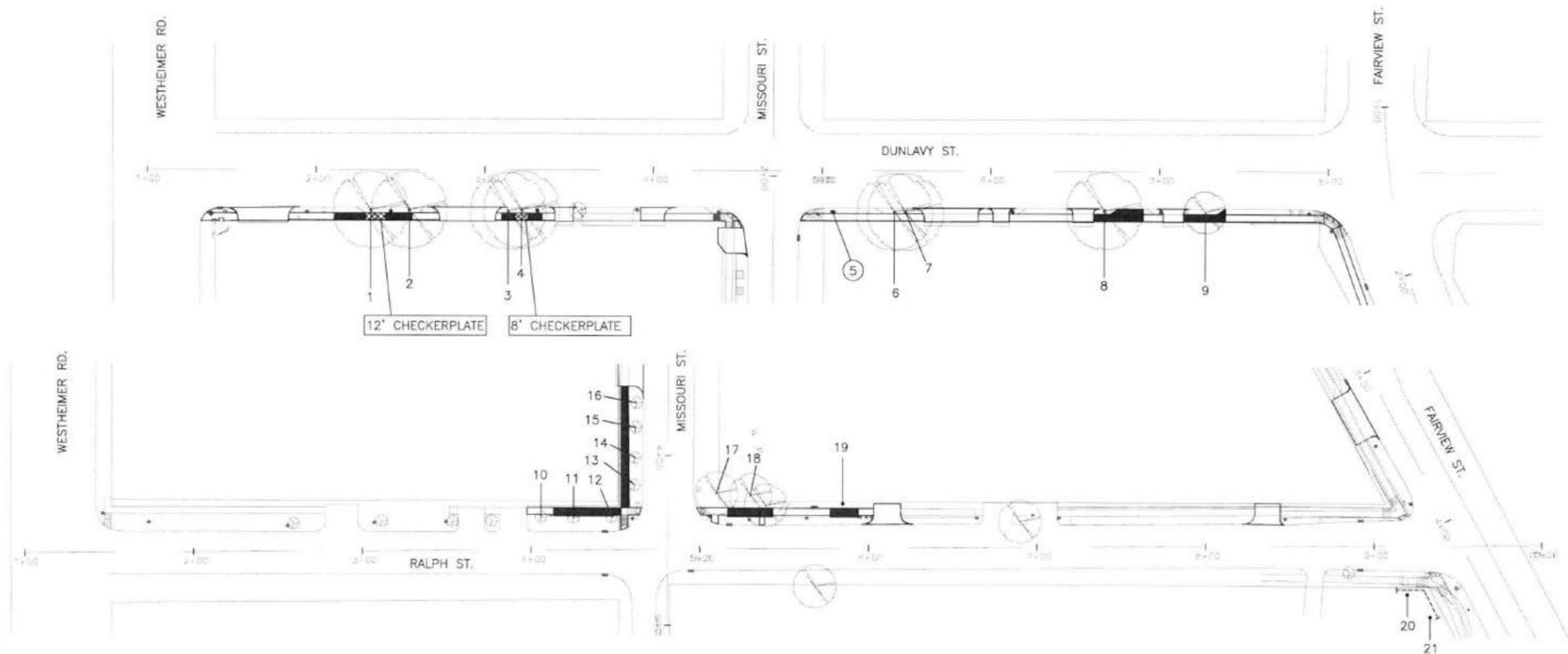
CONCRETE CURB WALL - TYPE 2
 NTS

 TEXAS PE FIRM REG. # F-20017 11750 KATY FREEWAY, #400 HOUSTON, TX 77079	
SURVEYED BY: AMANI ENGINEERING	
CITY OF HOUSTON HOUSTON PUBLIC WORKS	
CHERRYHURST SIDEWALK IMPROVEMENTS	
CONCRETE CURB WALL DETAILS	
SHEET 1 OF 1	
WBS NUMBER: N-127000-004-1	FOR CITY OF HOUSTON USE ONLY
DRAWING SCALE: AS NOTED	80875
CITY OF HOUSTON: JADA HUANG	
SHEET NO. 59 OF	

Design File name: P:\1320-Cherryhurst Sidewalk Improvements\4-0-Production-Mark\ing\4-1-CAD\Roadway\STANDARD\RETAINING WALL - DETAILS.dgn

Plotted on: \$DATE\$ \$TIME\$ \$USERS\$

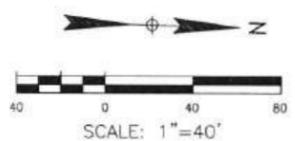
Pen Table: \$PENTBL\$
Plot Driver: \$PLTDV\$



TREE PRESERVATION PLAN LEGEND

- TREE NUMBER/LOCATION
- TREE TO BE REMOVED
- TREE PROTECTION FENCE
- ROOT PRUNING TRENCH
- SIDEWALK ON GRADE
- CHECKERPLATE

Tree No.	Location	Description	Chapter 33 Status	Comments	Treatment
1	1660 Westheimer	12" Chinese Pistache	Protected		12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
2	1660 Westheimer	13" Chinese Pistache	Protected	Split trunk, Beryl damage	Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
3	1660 Westheimer	6" Lead Tree	Not protected	Freeze damage, Poor	Clearance prune
4	1660 Westheimer	10" Chinese Pistache	Protected		8' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
5	2417 Dunlavy	15" Crepe Myrtle	Not protected	Dead, Remove for wider walk	Remove tree, No replacement required
6	2415 Dunlavy	14" Crepe Myrtle	Not protected		
7	2415 Dunlavy	7" Tallow	Not protected		Clearance prune
8	2411 Dunlavy	12" Chinese Pistache	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
9	2405 Dunlavy	13" Chinese Pistache	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
10	2500 Ralph	5" Vitex	Not protected	Private tree	Clearance prune
11	2500 Ralph	21" Crepe Myrtle	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
12	2500 Ralph	20" Crepe Myrtle	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
13	2500 Ralph	21" Crepe Myrtle	Protected	Trunk decay	Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
14	2500 Ralph	20" Crepe Myrtle	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
15	2500 Ralph	15" Crepe Myrtle	Not protected		
16	2500 Ralph	21" Crepe Myrtle	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
17	2422 Ralph	10" Crepe Myrtle	Not protected		
18	2422 Ralph	25" Shumard Oak	Protected	Comidor tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger
19	2418 Ralph	12" Cedar Elm	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
20	2402 Mandell	20" Bradford Pear	Not protected	Private tree	Root prune for ramp
21	2402 Mandell	21" Bradford Pear	Not protected	Private tree	Root prune for ramp



- NOTE:**
- THIS TREE PROTECTION PLAN WAS DEVELOPED WITH INFORMATION PROVIDED BY DESIGN ENGINEER IN DRAWINGS DATED MAY 2025. THE PLAN CONSIDERS ALL FITTINGS, VERTICAL OFFSETS AND AREAS OF NECESSARY EXCAVATION. CHANGES MADE TO DESIGN MAY COMPROMISE THE TREE PROTECTION PLAN. REFER SPECIFICATIONS 01562 AND 02915. CONDITION OF EACH TREE IS BASED ON VISUAL EVALUATION IN MAY 2025. CONDITION AND STRUCTURAL INTEGRITY OF EACH TREE IS NOT GUARANTEED BY DESIGNER AT ANY POINT IN THE FUTURE, AS ENVIRONMENTAL AND MAINTENANCE INFLUENCES ON EACH TREE CAN NOT BE DETERMINED BY DESIGNER.
 - IN AREAS WHERE INDIVIDUAL TREES HAVE NOT BEEN TIED IN BY SURVEY APPROXIMATE LOCATION IS INDICATED ON TPP. ACCURACY OF REPRESENTED LOCATION CAN'T, AND IS NOT GUARANTEED BY DESIGNER.
 - THE CONTRACTOR'S ARBORIST WILL MARK LOCATIONS OF THE NEW TREES AND OBTAIN APPROVAL BY THE CITY ENGINEER AND CITY FORESTER BEFORE PURCHASING AND PLANTING TREES.
 - ANY ROOT PRUNING OR CLEARANCE PRUNING SHALL BE PERFORMED BY CERTIFIED ARBORIST.

C.N. Koehl
Urban Forestry, Inc.
210 Stone Bush Ct - Katy, Texas 77493
281-391-0022 ckoehl@cnkoehlurbanforestry.com
APPROVED: [Signature] 06-04-2025

MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
REGISTERED PROFESSIONAL ENGINEER
CITY OF HOUSTON

SURVEYED BY:
AMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

TREE PROTECTION PLAN

SHEET 1 OF 9
FOR CITY OF HOUSTON USE ONLY

WBS NUMBER: N-T27000-0014
DRAWING SCALE: AS NOTED
CITY OF HOUSTON PM: JADA HUANG
SHEET NO. 50 F 71

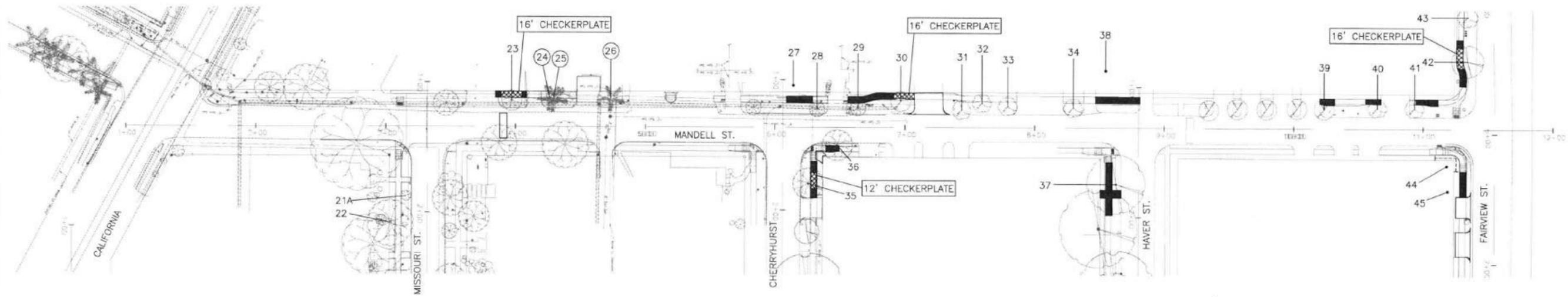
80875

Design Filename: [unclear]

No.	DATE	REVISIONS	APP.

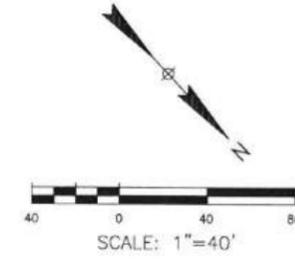
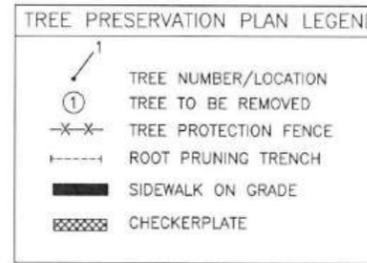
Plotted on: \$DATE\$ \$TIME\$ \$USERS\$

Pen Table: \$PENTBL\$
Plot Driver: \$PLDRVL\$



No.	DATE	REVISIONS	APP.

Tree No.	Location	Description	Chapter 33 Status	Comments	Treatment
21A	1817 Missouri	5" Crepe Myrtle	Not protected		
22	1817 Missouri	11" Camphor	Not protected		Clearance prune
23	2518 Mandell	15" Live Oak	Protected		16' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
24	2518 Mandell	15" Palm	Not protected	Remove for walk	Remove tree, No replacement required
25	2518 Mandell	15" Palm	Not protected	Remove for walk	Remove tree, No replacement required
26	2518 Mandell	20' Palm	Not protected	Remove for walk	Remove tree, No replacement required
27	2508 Mandell	43" Live Oak	Protected	Corridor tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger
28	2508 Mandell	9" Live oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
29	2506 Mandell	5" Loquat	Not protected		
30	2506 Mandell	46" Live Oak	Protected		16' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
31	2504 Mandell	18" Crepe Myrtle	Not protected		
32	2504 Mandell	9" Crepe Myrtle	Not protected		
33	2504 Mandell	17" Crepe Myrtle	Not protected		
34	2502 Mandell	9" Crepe Myrtle	Not protected		
35	1818 Cherryhurst	15" Magnolia	Protected		12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
36	1818 Cherryhurst	13" Magnolia	Protected	50% dieback, Poor	Demo-form-pour walk without damage to tree roots 1" diameter or larger
37	1817 Haver	13" Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
38	2500 Mandell	39" Live Oak	Protected	Corridor tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger
39	2408 Mandell	10" Magnolia	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
40	2408 Mandell	22" Crepe Myrtle	Protected	Trunk decay	Demo-form-pour walk without damage to tree roots 1" diameter or larger
41	2402 Mandell	22" Crepe Myrtle	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
42	2402 Mandell	21" Live Oak	Protected		16' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
43	2402 Mandell	8" Crepe Myrtle	Not protected		Clearance prune
44	2401 Mandell	23" Crepe Myrtle	Not protected	Topped, Private tree	Root prune for ramp
45	2401 Mandell	13" Magnolia	Not protected	50% dieback, Private tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger



- NOTE:**
- THIS TREE PROTECTION PLAN WAS DEVELOPED WITH INFORMATION PROVIDED BY DESIGN ENGINEER IN DRAWINGS DATED MAY 2025. THE PLAN CONSIDERS ALL FITTINGS, VERTICAL OFFSETS AND AREAS OF NECESSARY EXCAVATION. CHANGES MADE TO DESIGN MAY COMPROMISE THE TREE PROTECTION PLAN. REFER SPECIFICATIONS 01562 AND 02915. CONDITION OF EACH TREE IS BASED ON VISUAL EVALUATION IN MAY 2025. CONDITION AND STRUCTURAL INTEGRITY OF EACH TREE IS NOT GUARANTEED BY DESIGNER AT ANY POINT IN THE FUTURE, AS ENVIRONMENTAL AND MAINTENANCE INFLUENCES ON EACH TREE CAN NOT BE DETERMINED BY DESIGNER.
 - IN AREAS WHERE INDIVIDUAL TREES HAVE NOT BEEN TIED IN BY SURVEY APPROXIMATE LOCATION IS INDICATED ON TPP. ACCURACY OF REPRESENTED LOCATION CAN'T, AND IS NOT GUARANTEED BY DESIGNER.
 - THE CONTRACTOR'S ARBORIST WILL MARK LOCATIONS OF THE NEW TREES AND OBTAIN APPROVAL BY THE CITY ENGINEER AND CITY FORESTER BEFORE PURCHASING AND PLANTING TREES.
 - ANY ROOT PRUNING OR CLEARANCE PRUNING SHALL BE PERFORMED BY CERTIFIED ARBORIST.

C.N. Koehl
Urban Forestry, Inc.
210 Stone Bush Ct. • Katy, Texas 77493
281-391-0022 ckoehl@cnkoehlurbanforestry.com
APPROVED: [Signature] 05-04-2025

MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
SURVEYED BY:
AMANTI ENGINEERING

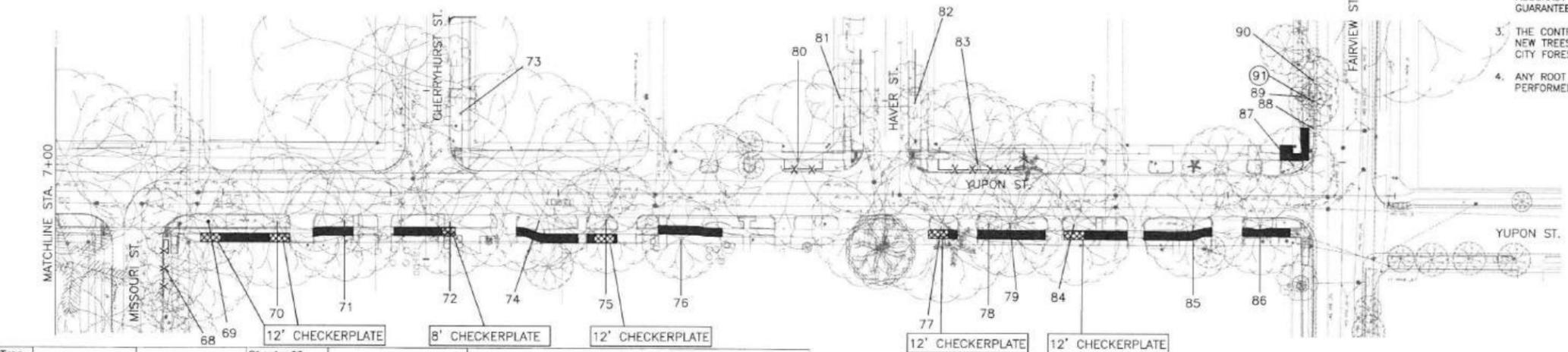
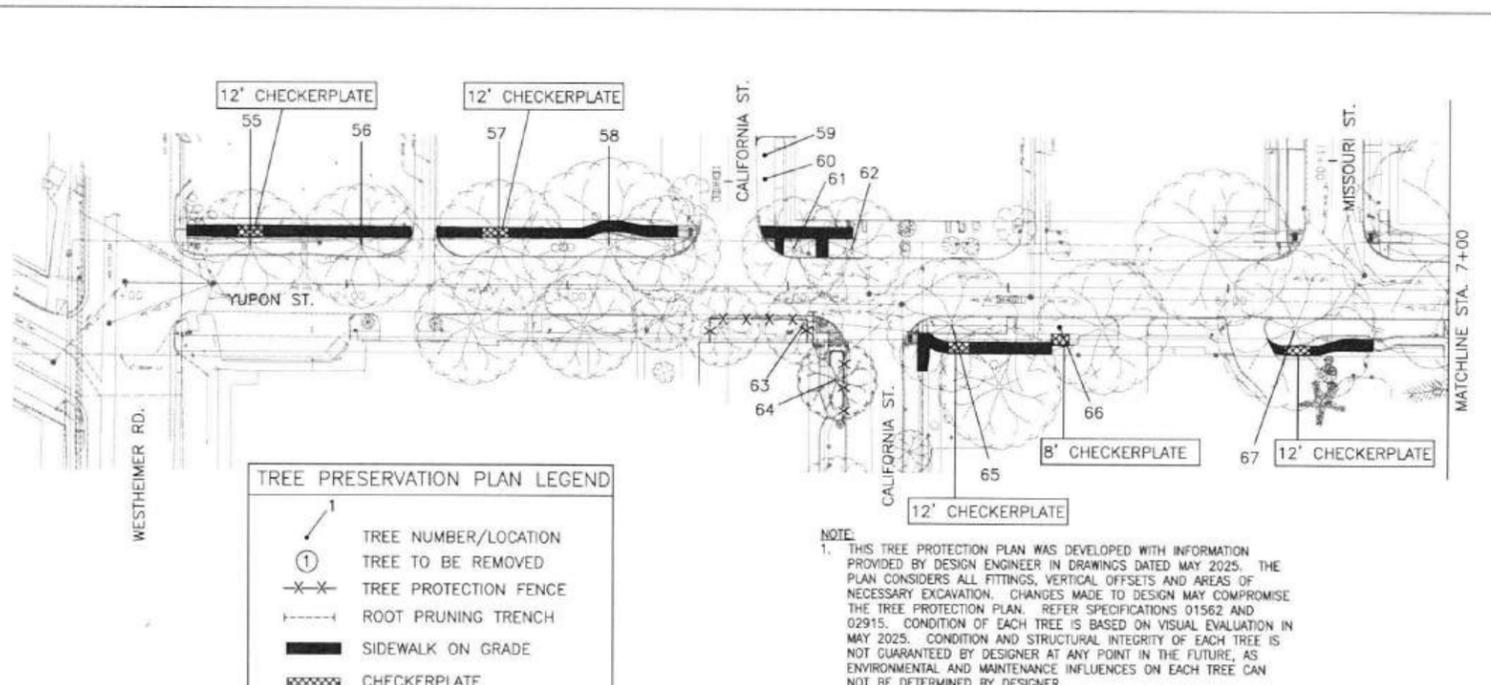
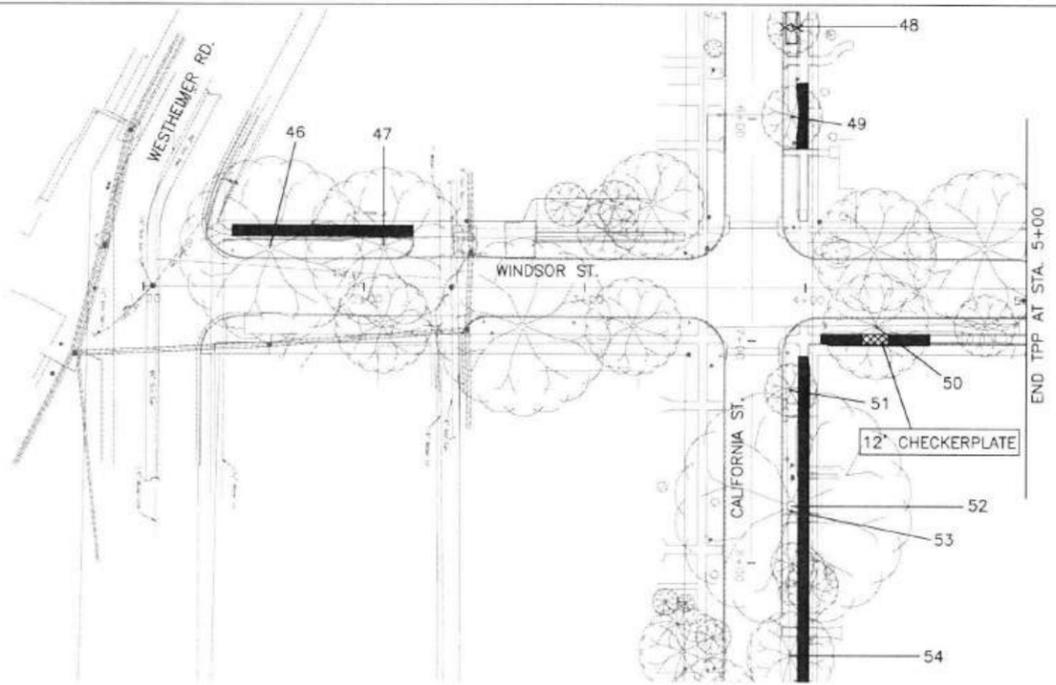
CITY OF HOUSTON
HOUSTON PUBLIC WORKS
CHERRYHURST SIDEWALK IMPROVEMENTS
TREE PROTECTION PLAN

WBS NUMBER: N-T27000-14-7
DRAWING SCALE: AS NOTED
CITY OF HOUSTON PM: JADA HUANG
SHEET NO. 61 F

SHEET 2 OF 9
80875
HOUSTON, TEXAS

Plotted on: \$DATE\$ \$TIME\$ \$USERS\$

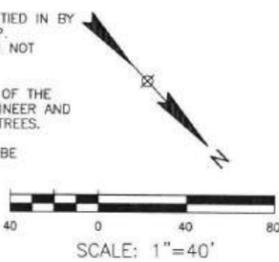
Pen Table: \$PENTBL\$ \$PLTDRL\$



TREE PRESERVATION PLAN LEGEND

- TREE NUMBER/LOCATION
- TREE TO BE REMOVED
- TREE PROTECTION FENCE
- ROOT PRUNING TRENCH
- SIDEWALK ON GRADE
- CHECKERPLATE

- NOTE:**
- THIS TREE PROTECTION PLAN WAS DEVELOPED WITH INFORMATION PROVIDED BY DESIGN ENGINEER IN DRAWINGS DATED MAY 2025. THE PLAN CONSIDERS ALL FITTINGS, VERTICAL OFFSETS AND AREAS OF NECESSARY EXCAVATION. CHANGES MADE TO DESIGN MAY COMPROMISE THE TREE PROTECTION PLAN. REFER SPECIFICATIONS 01562 AND 02915. CONDITION OF EACH TREE IS BASED ON VISUAL EVALUATION IN MAY 2025. CONDITION AND STRUCTURAL INTEGRITY OF EACH TREE IS NOT GUARANTEED BY DESIGNER AT ANY POINT IN THE FUTURE, AS ENVIRONMENTAL AND MAINTENANCE INFLUENCES ON EACH TREE CAN NOT BE DETERMINED BY DESIGNER.
 - IN AREAS WHERE INDIVIDUAL TREES HAVE NOT BEEN TIED IN BY SURVEY APPROXIMATE LOCATION IS INDICATED ON TPP. ACCURACY OF REPRESENTED LOCATION CANT, AND IS NOT GUARANTEED BY DESIGNER.
 - THE CONTRACTOR'S ARBORIST WILL MARK LOCATIONS OF THE NEW TREES AND OBTAIN APPROVAL BY THE CITY ENGINEER AND CITY FORESTER BEFORE PURCHASING AND PLANTING TREES.
 - ANY ROOT PRUNING OR CLEARANCE PRUNING SHALL BE PERFORMED BY CERTIFIED ARBORIST.



Tree No.	Location	Description	Chapter 33 Status	Comments	Treatment
46	1508 Westheimer	49' Live Oak	Protected	30% dieback	Demo-form-pour walk without damage to tree roots 1" diameter or larger
47	1508 Westheimer	43' Live Oak	Protected	70% dieback	Demo-form-pour walk without damage to tree roots 1" diameter or larger
48	1704 California	1" Shumard Oak	Protected		Tree protection fence
49	1702 California	17" Pecan	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
50	1622 California	25' Live Oak	Protected	Perenniporia, walk up 6-8"	Add auxiliary ramp south of checkerplate, 12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
51	1622 California	13' Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
52	1618 California	21' Water Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
53	1618 California	24' Water Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
54	1618 California	11' Pecan	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
55	1402 Westheimer	31' Live Oak	Protected	Roots over sidewalk, widen to west side or narrow to 3'	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
56	1402 Westheimer	25' Live Oak	Protected	Trunk decay, 50% dieback	Demo-form-pour walk without damage to tree roots 1" diameter or larger
57	1601 California	28' Live Oak	Protected	existing backstar gravel over roots	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
58	1601 California	43' Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
59	2616 Yupon	18' Crepe Myrtle	Not protected	Topped	
60	2616 Yupon	17' Crepe Myrtle	Not protected	Topped	
61	2616 Yupon	23' Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger. Contractor to coordinate with project engineer and forester prior to doing any excavation for proposed walk or ramp
62	2616 Yupon	24' Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger. Contractor to coordinate with project engineer and forester prior to doing any excavation for proposed walk or ramp
63	2701 Yupon	25' Live Oak	Protected		Root prune for ramp, Tree protection fence
64	2701 Yupon	21' Live Oak	Protected		Root prune for ramp, Tree protection fence
65	2617 Yupon	31' Live Oak	Protected		12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger. Contractor to coordinate with project engineer and forester prior to doing any excavation for proposed walk or ramp
66	2617 Yupon	33' Live Oak	Protected		8' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
67	2607 Yupon	35' Live Oak	Protected	40% dieback	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
68	2535 Missouri	21' Live Oak	Protected		Tree protection fence
69	2535 Missouri	25' Live Oak	Protected		12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger. Contractor to coordinate with project engineer and forester prior to doing any excavation for proposed walk or ramp

Tree No.	Location	Description	Chapter 33 Status	Comments	Treatment
70	2535 Missouri	34' Live Oak	Protected	10-12" elevation change to drive	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
71	2525 Yupon	28' Live Oak	Protected	30% dieback	Demo-form-pour walk without damage to tree roots 1" diameter or larger
72	2521 Yupon	28' Live Oak	Protected	Perenniporia on trunk	8' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
73	1604 Cherryhurst	14' Crepe Myrtle	Not protected		
74	2511 Yupon	24' Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
75	2511 Yupon	26' Live Oak	Protected		12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger. Contractor to coordinate with project engineer and forester prior to doing any excavation for proposed walk or ramp
76	2509 Yupon	17' Magnolia	Protected	30% dieback	Demo-form-pour walk without damage to tree roots 1" diameter or larger
77	2417 Yupon	43' Live Oak	Protected	Roots over sidewalk, widen to east side or narrow to 3'	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
78	2415 Yupon	5' Red Maple	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
79	2415 Yupon	28' Live Oak	Protected	Roots over sidewalk, widen to east side or narrow to 3'	Demo-form-pour walk without damage to tree roots 1" diameter or larger
80	1601 Haver	44' Live Oak	Protected		Tree protection fence
81	1601 Haver	15' Crepe Myrtle	Not protected		
82	1602 Haver	11' Crepe Myrtle	Not protected		
83	1602 Haver	28' Live Oak	Protected		Tree protection fence
84	2409 Yupon	42' Live Oak	Protected	Perenniporia, walk up 6-8"	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
85	2405 Yupon	24' Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
86	2403 Yupon	22' Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
87	2406 Yupon	20' Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
88	2406 Yupon	11' Crepe Myrtle	Not protected		
89	2406 Yupon	16' Crepe Myrtle	Not protected		
90	2406 Yupon	15' Crepe Myrtle	Not protected		
91	2406 Yupon	6' Crepe Myrtle	Not protected	Remove for walk	Remove tree, No replacement required

C.N. Koehl
Urban Forestry, Inc.
210 Stone Bush Ct - Katy, Texas 77493
281-391-0022 ckoehl@cnkoehlurbanforestry.com
APPROVED: [Signature] 06-04-2025

MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
SURVEYED BY:
AMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

TREE PROTECTION PLAN

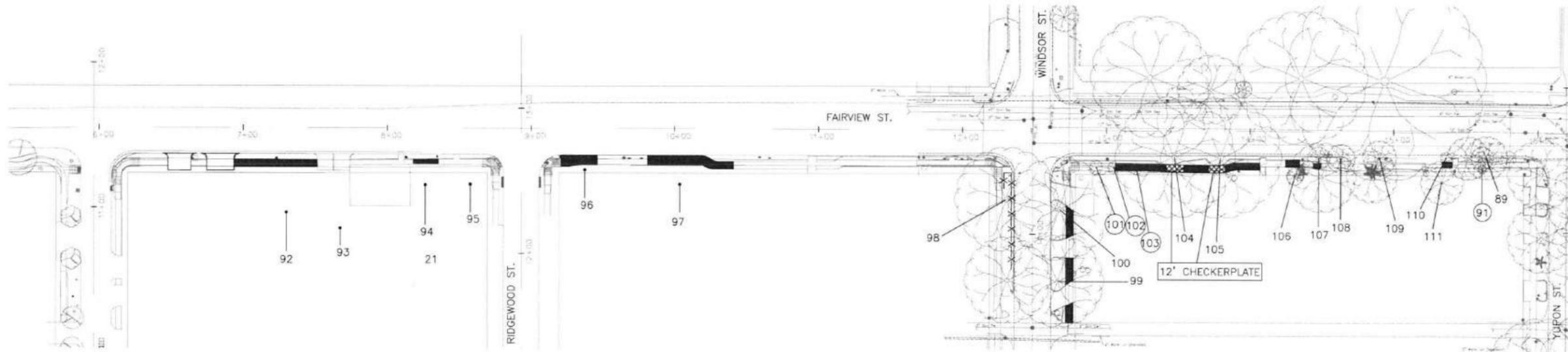
WBS NUMBER: N-T27000-0017
DRAWING SCALE: AS NOTED
CITY OF HOUSTON
JADA HUANG
SHEET NO. 62 F

SHEET 3 OF 9
80875

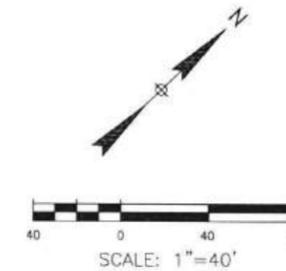
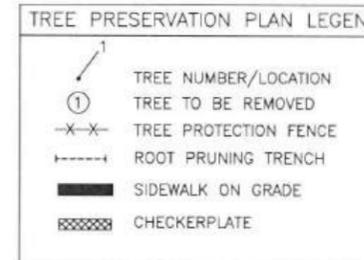
No.	DATE	REVISIONS	APP.

Plotted on: \$DATE\$ \$TIME\$ \$USER\$

Pen Table: \$PENTBL\$
Plot Driver: \$PLTDV\$



Tree No.	Location	Description	Chapter 33 Status	Comments	Treatment
92	1807 Fairview	28" Water Oak	Protected	Corridor tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger
93	1803 Fairview	43" Live Oak	Not protected	Private tree, not impacted	
94	1801 Fairview	13" Live Oak	Not protected	Private tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger
95	1801 Fairview	13" Live Oak	Not protected	Private tree	Root prune for ramp
96	1719 Fairview	13" Magnolia	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
97	1719 Fairview	43" Water Oak	Protected	Corridor tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger
98	1703 Fairview	39" Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger, Tree protection fence
99	2403 Windsor	36" Live Oak	Protected	Perennicpona, 30% dieback	Demo-form-pour walk without damage to tree roots 1" diameter or larger
100	2403 Windsor	41" Live Oak	Protected	Thin canopy	Demo-form-pour walk without damage to tree roots 1" diameter or larger
101	2403 Windsor	3" Crepe Myrtle	Not protected	Remove for walk	Remove tree, No replacement required
102	2403 Windsor	2" Crepe Myrtle	Not protected	Remove for walk	Remove tree, No replacement required
103	2403 Windsor	2" Crepe Myrtle	Not protected	Remove for walk	Remove tree, No replacement required
104	1617 Fairview	43" Live Oak	Protected	Walk pushed up several inches	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
105	1617 Fairview	41" Live Oak	Protected	Walk pushed up several inches	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
106	1611 Fairview	6" American Elm	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
107	1611 Fairview	6" Crepe Myrtle	Not protected		
108	1611 Fairview	10" Crepe Myrtle	Not protected		
109	1611 Fairview	13" Crepe Myrtle	Not protected		
110	1611 Fairview	9" Crepe Myrtle	Not protected		
111	1605 Fairview	17" Pecan	Not protected	Private tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger



- NOTE:**
- THIS TREE PROTECTION PLAN WAS DEVELOPED WITH INFORMATION PROVIDED BY DESIGN ENGINEER IN DRAWINGS DATED MAY 2025. THE PLAN CONSIDERS ALL FITTINGS, VERTICAL OFFSETS AND AREAS OF NECESSARY EXCAVATION. CHANGES MADE TO DESIGN MAY COMPROMISE THE TREE PROTECTION PLAN. REFER SPECIFICATIONS 01562 AND 02915. CONDITION OF EACH TREE IS BASED ON VISUAL EVALUATION IN MAY 2025. CONDITION AND STRUCTURAL INTEGRITY OF EACH TREE IS NOT GUARANTEED BY DESIGNER AT ANY POINT IN THE FUTURE, AS ENVIRONMENTAL AND MAINTENANCE INFLUENCES ON EACH TREE CAN NOT BE DETERMINED BY DESIGNER.
 - IN AREAS WHERE INDIVIDUAL TREES HAVE NOT BEEN TIED IN BY SURVEY APPROXIMATE LOCATION IS INDICATED ON TPP. ACCURACY OF REPRESENTED LOCATION CANT, AND IS NOT GUARANTEED BY DESIGNER.
 - THE CONTRACTOR'S ARBORIST WILL MARK LOCATIONS OF THE NEW TREES AND OBTAIN APPROVAL BY THE CITY ENGINEER AND CITY FORESTER BEFORE PURCHASING AND PLANTING TREES.
 - ANY ROOT PRUNING OR CLEARANCE PRUNING SHALL BE PERFORMED BY CERTIFIED ARBORIST.

C.N. Koehl
Urban Forestry, Inc.
210 Stone Bush Ct. • Katy, Texas 77493
281-391-0022 ckoehl@cnkoehlurbanforestry.com
APPROVED: [Signature] 05-04-2025

MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
SURVEYED BY:
AMANT ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS
CHERRYHURST SIDEWALK IMPROVEMENTS
TREE PROTECTION PLAN

SHEET 4 OF 9
FOR CITY OF HOUSTON USE ONLY

WBS NUMBER: N-T27000-0014-7
DRAWING SCALE: AS NOTED
CITY OF HOUSTON PM: JADA HUANG
SHEET NO. 53 F 71

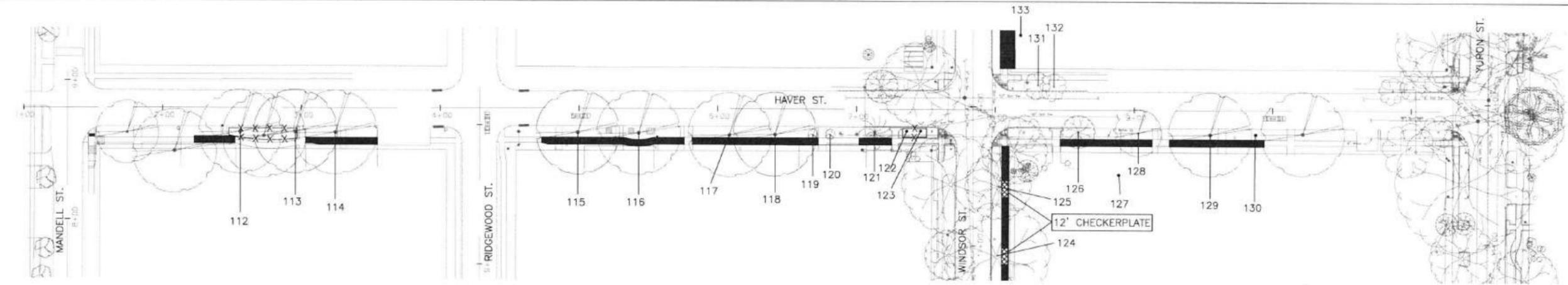
80875

Design Filename: \$FILE\$

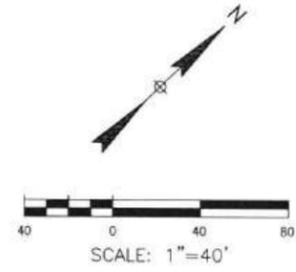
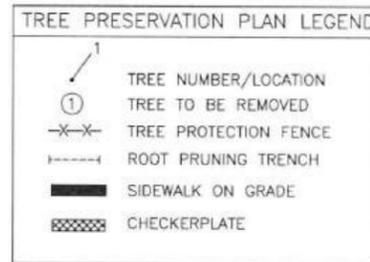
No.	DATE	REVISIONS	APP.

Plotted on: \$DATE\$ \$TIME\$ \$USER\$

Pen Table: \$PENTBL\$
Plot Driver: \$PLTDRL\$



Tree No.	Location	Description	Chapter 33 Status	Comments	Treatment
112	1805 Haver	11" Live Oak	Protected		Fence, Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
113	1805 Haver	17" Live Oak	Protected		Fence, Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
114	1805 Haver	19" Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
115	1721 Haver	24" Live Oak	Protected	Suppressed	Demo-form-pour walk without damage to tree roots 1" diameter or larger
116	1715 Haver	34" Live Oak	Protected	2" root growing through existing expansion joint	Root prune 2" root at edge of sidewalk, After that point Demo-form-pour walk without damage to tree roots 1" diameter or larger
117	1713 Haver	14" Water Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
118	1709 Haver	21" Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
119	1705 Haver	15" Crepe Myrtle	Not protected		Clearance prune
120	1705 Haver	17" Crepe Myrtle	Not protected		Clearance prune
121	1701 Haver	13" Pine	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
122	1701 Haver	1" Sycamore	Protected		Tree protection fence
123	1701 Haver	1" Sycamore	Protected		Tree protection fence
124	1621 Haver	42" Live Oak	Protected	Walk pushed up several inches	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
125	1621 Haver	25" Live Oak	Protected	SW pushed up 8-10"	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
126	1621 Haver	13" Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
127	1617 Haver	27" Live Oak	Protected	Corridor tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger
128	1617 Haver	12" Magnolia	Protected	25% dieback	Demo-form-pour walk without damage to tree roots 1" diameter or larger
129	1613 Haver	22" Pine	Protected	Root against walk, Narrow to 3' to avoid root	Use 3' wide walk section to avoid root, Demo-form-pour walk without damage to tree roots 1" diameter or larger
130	1613 Haver	23" Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
131	1620 Haver	3" Crepe Myrtle	Not protected		
132	1620 Haver	11" Crepe Myrtle	Not protected		
133	1620 Haver	27" Arizona Ash	Not protected	45% dieback, Private tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune



- NOTE:**
- THIS TREE PROTECTION PLAN WAS DEVELOPED WITH INFORMATION PROVIDED BY DESIGN ENGINEER IN DRAWINGS DATED MAY 2025. THE PLAN CONSIDERS ALL FITTINGS, VERTICAL OFFSETS AND AREAS OF NECESSARY EXCAVATION. CHANGES MADE TO DESIGN MAY COMPROMISE THE TREE PROTECTION PLAN. REFER SPECIFICATIONS 01562 AND 02915. CONDITION OF EACH TREE IS BASED ON VISUAL EVALUATION IN MAY 2025. CONDITION AND STRUCTURAL INTEGRITY OF EACH TREE IS NOT GUARANTEED BY DESIGNER AT ANY POINT IN THE FUTURE, AS ENVIRONMENTAL AND MAINTENANCE INFLUENCES ON EACH TREE CAN NOT BE DETERMINED BY DESIGNER.
 - IN AREAS WHERE INDIVIDUAL TREES HAVE NOT BEEN TIED IN BY SURVEY APPROXIMATE LOCATION IS INDICATED ON TFP. ACCURACY OF REPRESENTED LOCATION CANT, AND IS NOT GUARANTEED BY DESIGNER.
 - THE CONTRACTOR'S ARBORIST WILL MARK LOCATIONS OF THE NEW TREES AND OBTAIN APPROVAL BY THE CITY ENGINEER AND CITY FORESTER BEFORE PURCHASING AND PLANTING TREES.
 - ANY ROOT PRUNING OR CLEARANCE PRUNING SHALL BE PERFORMED BY CERTIFIED ARBORIST.

C.N. Koehl
Urban Forestry, Inc.
210 Stone Bush Ct • Katy, Texas 77493
281-391-0022 ckoehl@cnkoehlurbanforestry.com
APPROVED: C. Koehl 06-04-2025

MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
SURVEYED BY:
AMANI ENGINEERING

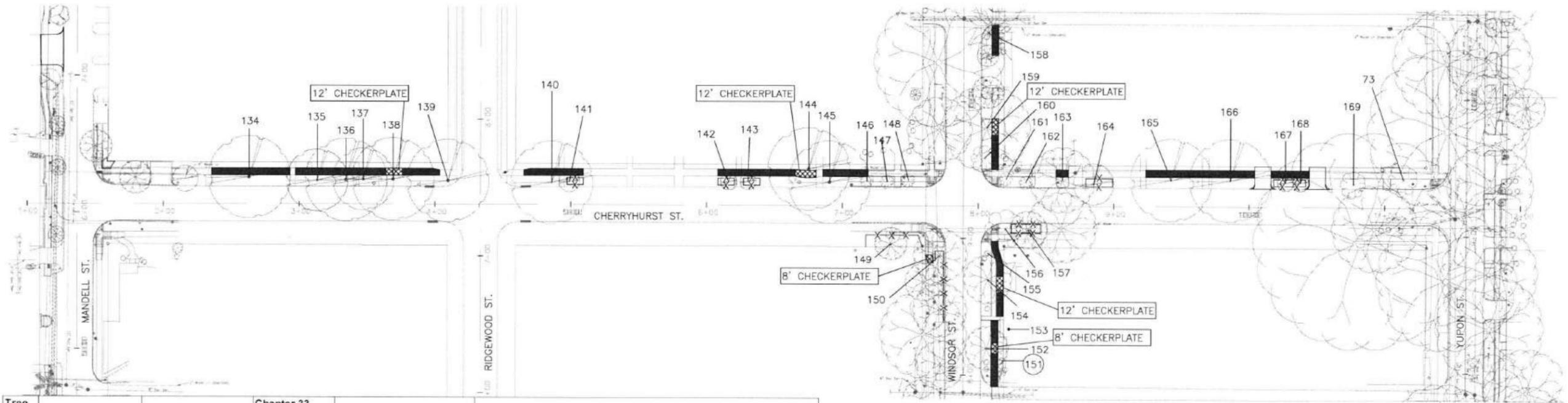
CITY OF HOUSTON
HOUSTON PUBLIC WORKS
CHERRYHURST SIDEWALK IMPROVEMENTS
TREE PROTECTION PLAN
SHEET 5 OF 9
FOR-CITY OF HOUSTON USE ONLY
WBS NUMBER: N-T27000-00
DRAWING SCALE: AS NOTED
CITY OF HOUSTON: JADA HUANG
SHEET NO. 64 F
80875

No.	DATE	REVISIONS	APP.

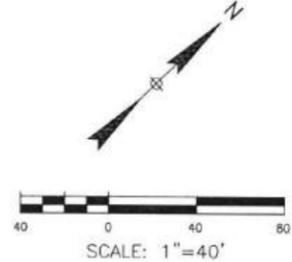
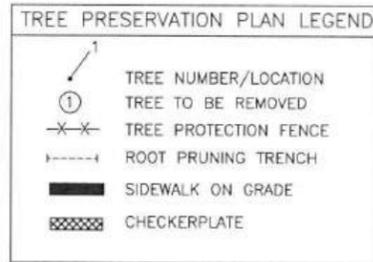
Design Filename: \$FILE\$

Plotted on: \$DATE\$ \$TIME\$ \$USER\$

Pen Table: \$PENTBL\$ \$PLTDRVL\$



Tree No.	Location	Description	Chapter 33 Status	Comments	Treatment
134	1810 Haver	31" Live Oak	Protected	Roots against southside of walk	Widen walk to north, Demo-form-pour walk without damage to tree roots 1" diameter or larger
135	1806 Haver	14" Magnolia	Protected	Suppressed	Demo-form-pour walk without damage to tree roots 1" diameter or larger
136	1806 Haver	27" Live Oak	Protected	Interior foliage over-pruned	Demo-form-pour walk without damage to tree roots 1" diameter or larger
137	1806 Haver	13" Live Oak	Protected	Interior foliage over-pruned	Demo-form-pour walk without damage to tree roots 1" diameter or larger
138	1802 Haver	37" Live Oak	Protected	Walk pushed up several inches	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
139	1802 Haver	25" Live Oak	Protected	Perennioptera	Demo-form-pour walk without damage to tree roots 1" diameter or larger
140	1724 Haver	26" Magnolia	Protected	75% dieback	Demo-form-pour walk without damage to tree roots 1" diameter or larger
141	1724 Haver	3" Little Gem Magnolia	Protected		Fence, Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
142	1710 Haver	3" Red Maple	Protected		Fence, Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
143	1710 Haver	3" Red Maple	Protected		Fence, Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
144	1706 Haver	46" Live Oak	Protected	Walk pushed up several inches	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
145	1706 Haver	20" Pecan	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
146	1706 Haver	13" Crepe Myrtle	Not protected		
147	1706 Haver	13" Crepe Myrtle	Not protected		
148	1706 Haver	14" Crepe Myrtle	Not protected		
149	Cherryhurst Park	12" Live Oak	Protected		Tree protection fence
150	Cherryhurst Park	19" Live Oak	Protected	Walk pushed up several inches	8' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
151	1621 Haver	5" Crepe Myrtle	Not protected	Remove for walk	Remove tree, No replacement required
152	1621 Haver	19" Live Oak	Protected	Walk pushed up several inches	8' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
153	1621 Haver	16" Water Oak	Not protected	Private tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger
154	1621 Haver	23" Live Oak	Protected		12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger, Contractor to coordinate with project engineer and forester prior to doing any excavation for proposed walk or ramp
155	1621 Haver	4" Vitex	Not protected		Clearance prune
156	1621 Haver	18" Crepe Myrtle	Not protected		Clearance prune
157	1621 Haver	18" Live Oak	Protected		Tree protection fence
158	1630 Haver	17" Baldcypress	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
159	1630 Haver	38" Live Oak	Protected	Walk pushed up several inches	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
160	1630 Haver	13" Crepe Myrtle	Not protected		
161	1630 Haver	12" Crepe Myrtle	Not protected		
162	1630 Haver	11" Crepe Myrtle	Not protected	Trunk cavity	
163	1630 Haver	28" Tallow	Protected	Topped in past	Demo-form-pour walk without damage to tree roots 1" diameter or larger
164	1626 Haver	4" Ginkgo	Protected		Fence, Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
165	1612 Haver	34" Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
166	1612 Haver	28" Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
167	1608 Haver	5" Live Oak	Protected		Fence, Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
168	1608 Haver	5" Live Oak	Protected		Fence, Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
169	1604 Haver	15" Crepe Myrtle	Not protected		



- NOTE:
- THIS TREE PROTECTION PLAN WAS DEVELOPED WITH INFORMATION PROVIDED BY DESIGN ENGINEER IN DRAWINGS DATED MAY 2025. THE PLAN CONSIDERS ALL FITTINGS, VERTICAL OFFSETS AND AREAS OF NECESSARY EXCAVATION. CHANGES MADE TO DESIGN MAY COMPROMISE THE TREE PROTECTION PLAN. REFER SPECIFICATIONS D1562 AND D2915. CONDITION OF EACH TREE IS BASED ON VISUAL EVALUATION IN MAY 2025. CONDITION AND STRUCTURAL INTEGRITY OF EACH TREE IS NOT GUARANTEED BY DESIGNER AT ANY POINT IN THE FUTURE, AS ENVIRONMENTAL AND MAINTENANCE INFLUENCES ON EACH TREE CAN NOT BE DETERMINED BY DESIGNER.
 - IN AREAS WHERE INDIVIDUAL TREES HAVE NOT BEEN TIED IN BY SURVEY APPROXIMATE LOCATION IS INDICATED ON TPP. ACCURACY OF REPRESENTED LOCATION CANT, AND IS NOT GUARANTEED BY DESIGNER.
 - THE CONTRACTOR'S ARBORIST WILL MARK LOCATIONS OF THE NEW TREES AND OBTAIN APPROVAL BY THE CITY ENGINEER AND CITY FORESTER BEFORE PURCHASING AND PLANTING TREES.
 - ANY ROOT PRUNING OR CLEARANCE PRUNING SHALL BE PERFORMED BY CERTIFIED ARBORIST.

C.N. Koehl
Urban Forestry, Inc.
210 Stone Bush Ct - Katy, Texas 77493
281-391-0022 ckoehl@cnkoehlurbanforestry.com
APPROVED: [Signature] 06-04-2025

MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
[Professional Seal]

SURVEYED BY:
AMANI ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

TREE PROTECTION PLAN

WBS NUMBER	N-T27000-0014
DRAWING SCALE	AS NOTED
CITY OF HOUSTON BY	JADA HUANG
SHEET NO. 65 F	

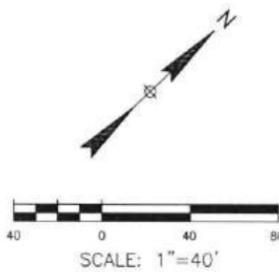
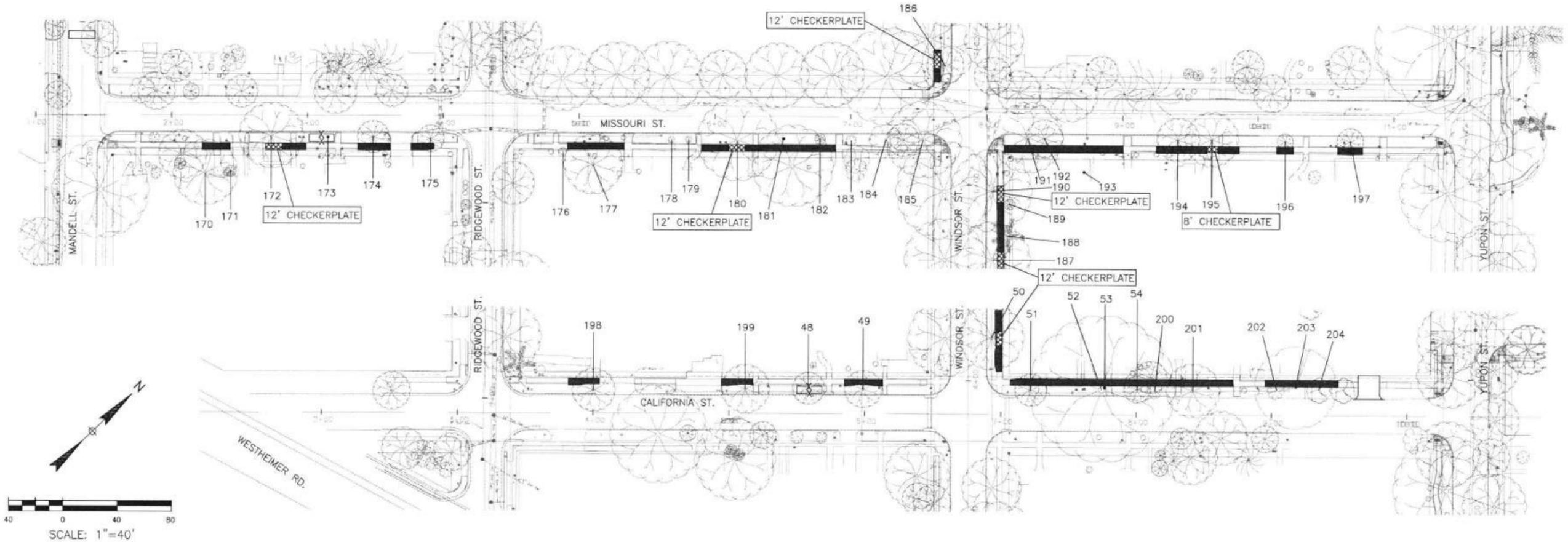
SHEET 6 OF 9
80875

NO.	DATE	REVISIONS	APP.

Design Filename: [unclear]

Plotted on: \$DATE\$ \$TIME\$ \$USER\$

No.	DATE	REVISIONS	APP.



Tree No.	Location	Description	Chapter 33 Status	Comments	Treatment
170	1813 Missouri	29' Water Oak	Protected	Corridor tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger
171	1813 Missouri	5' Sugarberry	Not protected	Private tree, not impacted	
172	1809 Missouri	26' Live Oak	Protected	Walk pushed up several inches	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
173	1809 Missouri	2' Live Oak	Protected		Tree protection fence
174	1805 Missouri	13' Magnolia	Protected	30% dieback	Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
175	2700 Ridgewood	13' Magnolia	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
176	1721 Missouri	10' Crepe Myrtle	Not protected		
177	1717 Missouri	31' Sweetgum	Protected	Corridor tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger
178	1713 Missouri	7' Crepe Myrtle	Not protected		
179	1713 Missouri	6' Crepe Myrtle	Not protected		
180	1709 Missouri	38' Live Oak	Protected	Walk pushed up several inches	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
181	1709 Missouri	23' Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
182	1705 Missouri	5' Crepe Myrtle	Not protected	Topped in past	
183	1705 Missouri	6' Vitex	Not protected		Clearance prune
184	1701 Missouri	10' Crepe Myrtle	Not protected		Clearance prune
185	1701 Missouri	14' Rain tree	Not protected		
186	Cherryhurst Park	19' Live Oak	Protected		12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger, Contractor to coordinate with project engineer and forester prior to doing any excavation for proposed walk or ramp.

Tree No.	Location	Description	Chapter 33 Status	Comments	Treatment
187	1621 Missouri	31' Live Oak	Protected		12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
188	1621 Missouri	7' Palm	Not protected		
189	1621 Missouri	6' Sugarberry	Not protected		
190	1621 Missouri	28' Live Oak	Protected	30% dieback	12' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
191	1621 Missouri	33' Water Oak	Protected	Topped in past	Demo-form-pour walk without damage to tree roots 1" diameter or larger
192	1621 Missouri	15' Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
193	1621 Missouri	35' Tallow	Not protected	Private tree	Demo-form-pour walk without damage to tree roots 1" diameter or larger
194	1611 Missouri	16' Live Oak	Protected	60% dieback	Demo-form-pour walk without damage to tree roots 1" diameter or larger
195	1611 Missouri	19' Live Oak	Protected	50% dieback, Poor	8' checkerplate, Demo-form-pour walk without damage to tree roots 1" diameter or larger
196	1607 Missouri	10' Shumard Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger, Clearance prune
197	1601 Missouri	10' Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
198	1722 California	22' Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
199	1710 California	23' Live Oak	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
200	1614 California	12' Crepe Myrtle	Not protected		
201	1614 California	23' Pecan	Protected		Demo-form-pour walk without damage to tree roots 1" diameter or larger
202	1606 California	7' Crepe Myrtle	Not protected		
203	1606 California	27' Water Oak	Protected	Root against walk, Narrow to 3' to avoid root	Use 3' wide walk section to avoid root, Demo-form-pour walk without damage to tree roots 1" diameter or larger
204	1606 California	14' Crepe Myrtle	Not protected	Topped in past	

NOTE:
 1. THIS TREE PROTECTION PLAN WAS DEVELOPED WITH INFORMATION PROVIDED BY DESIGN ENGINEER IN DRAWINGS DATED MAY 2025. THE PLAN CONSIDERS ALL FITTINGS, VERTICAL OFFSETS AND AREAS OF NECESSARY EXCAVATION. CHANGES MADE TO DESIGN MAY COMPROMISE THE TREE PROTECTION PLAN. REFER SPECIFICATIONS 01562 AND 02915. CONDITION OF EACH TREE IS BASED ON VISUAL EVALUATION IN MAY 2025. CONDITION AND STRUCTURAL INTEGRITY OF EACH TREE IS NOT GUARANTEED BY DESIGNER AT ANY POINT IN THE FUTURE, AS ENVIRONMENTAL AND MAINTENANCE INFLUENCES ON EACH TREE CAN NOT BE DETERMINED BY DESIGNER.
 2. IN AREAS WHERE INDIVIDUAL TREES HAVE NOT BEEN TIED IN BY SURVEY APPROXIMATE LOCATION IS INDICATED ON TPP. ACCURACY OF REPRESENTED LOCATION CANT, AND IS NOT GUARANTEED BY DESIGNER.
 3. THE CONTRACTOR'S ARBORIST WILL MARK LOCATIONS OF THE NEW TREES AND OBTAIN APPROVAL BY THE CITY ENGINEER AND CITY FORESTER BEFORE PURCHASING AND PLANTING TREES.
 4. ANY ROOT PRUNING OR CLEARANCE PRUNING SHALL BE PERFORMED BY CERTIFIED ARBORIST.

C.N. Koehl
 Urban Forestry, Inc.
 210 Stone Bush Ct - Katy, Texas 77493
 281-391-0022 ckoehl@urbanforestry.com
 APPROVED: [Signature] 06-04-2025

MONTROSE
 TAX INCREMENT REINVESTMENT ZONE 27

Gauge
 ENGINEERING
 SURVEYED BY:
 AMANI ENGINEERING

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

TREE PROTECTION PLAN

SHEET 7 OF 9
 FOR CITY OF HOUSTON USE ONLY

WBS NUMBER: N-T27000-2014-7

DRAWING SCALE: AS NOTED
 80875

CITY OF HOUSTON PM
 JADA HUANG

SHEET NO. 66 F

Pen Table: \$PENLBS\$
 Plot Driver: \$PLTDVLS\$

Project File Name: [unclear]

Plotted on: \$DATE\$ \$TIME\$ \$USER\$
 Pen Table: \$PENTBL\$ \$PLTDRL\$

Arboriculturally Significant Tree List		
Tree No.	Location	Description
18	2422 Ralph	25" Shumard Oak
27	2508 Mandell	43" Live Oak
30	2506 Mandell	46" Live Oak
38	2500 Mandell	39" Live Oak
46	1508 Westheimer	49" Live Oak
47	1508 Westheimer	43" Live Oak
50	1622 California	29" Live Oak
53	1618 California	24" Water Oak
55	1402 Westheimer	31" Live Oak
56	1402 Westheimer	26" Live Oak
57	1601 California	28" Live Oak
58	1601 California	43" Live Oak
62	2616 Yupon	24" Live Oak
63	2701 Yupon	25" Live Oak
65	2617 Yupon	31" Live Oak
66	2617 Yupon	33" Live Oak
67	2607 Yupon	35" Live Oak
69	2535 Missouri	25" Live Oak
70	2535 Missouri	34" Live Oak
71	2525 Yupon	28" Live Oak
72	2521 Yupon	28" Live Oak
74	2511 Yupon	24" Live Oak
75	2511 Yupon	26" Live Oak
77	2417 Yupon	43" Live Oak
79	2415 Yupon	28" Live Oak
80	1601 Haver	44" Live Oak
83	1602 Haver	28" Live Oak
84	2409 Yupon	42" Live Oak
85	2405 Yupon	24" Live Oak
92	1807 Fairview	28" Water Oak
93	1803 Fairview	43" Live Oak
97	1719 Fairview	43" Water Oak
98	1703 Fairview	39" Live Oak
99	2403 Windsor	36" Live Oak
100	2403 Windsor	41" Live Oak
104	1617 Fairview	43" Live Oak
105	1617 Fairview	41" Live Oak
115	1721 Haver	24" Live Oak
116	1715 Haver	34" Live Oak
124	1621 Haver	42" Live Oak
125	1621 Haver	25" Live Oak
127	1617 Haver	27" Live Oak
134	1810 Haver	31" Live Oak
136	1806 Haver	27" Live Oak
138	1802 Haver	37" Live Oak
139	1802 Haver	25" Live Oak
140	1724 Haver	26" Magnolia
144	1706 Haver	46" Live Oak
159	1630 Haver	38" Live Oak
163	1630 Haver	28" Tallow
165	1612 Haver	34" Live Oak
166	1612 Haver	28" Live Oak
170	1813 Missouri	29" Water Oak
172	1809 Missouri	26" Live Oak
177	1717 Missouri	31" Sweetgum
180	1709 Missouri	38" Live Oak
187	1621 Missouri	31" Live Oak
190	1621 Missouri	28" Live Oak
191	1621 Missouri	33" Water Oak
193	1621 Missouri	35" Tallow
203	1606 California	27" Water Oak

Trees identified by City of Houston Forestry/Parks & Recreation Department as Arboriculturally Significant are identified here and/or in treatment schedule included on TPP sheets. Arboriculturally Significant trees are to be pruned under direct supervision of City of Houston Forestry. Minimal pruning will be allowed for construction equipment access, and in some cases no pruning will be allowed. Contractor must review conditions around and/or under the canopy of Arboriculturally Significant trees and consider restrictions when preparing cost estimate and planning construction equipment that will be necessary to accomplish design installation with minimal to no tree pruning.

Tree Removal List			
Tree No.	Location	Description	Replacement requirement
5	2417 Duntlav	15" Crepe Myrtle	0
91	2406 Yupon	6" Crepe Myrtle	0
101	2403 Windsor	3" Crepe Myrtle	0
102	2403 Windsor	2" Crepe Myrtle	0
103	2403 Windsor	2" Crepe Myrtle	0
151	1621 Haver	5" Crepe Myrtle	0

TOTAL REPLACEMENT INCHES REQUIRED 0

Tree Replacement List			
Quantity	Caliper Size	Species	Container/Tree Spade size
TOTAL REPLACEMENT INCHES INCLUDED IN PLAN 0			

NOTE: Tree replacement locations are not shown on plans. Contractor must coordinate with City of Houston Urban Forestry and Houston Public Works prior to PURCHASING trees. This project may not have adequate room for all required replacement trees without creating regulatory sign or traffic/pedestrian visibility issues. Number of trees and planting locations will be determined by City of Houston Urban Forestry in construction phase. Trees that are planted are to be maintained and watered for 2 years following planting per standard spec 02915. Timing of planting may be delayed in periods of drought with mandatory water restrictions in place-timing to be coordinated with City of Houston Urban Forestry. Trees in esplanade groupings to be planted in common bed with 4" of hardwood mulch between trees.

Trees are to be maintained and watered for 2 years following planting per standard spec 02915. Timing of planting may be delayed in periods of drought with mandatory water restrictions in place-timing to be coordinated with City of Houston Forestry.

Tree replacement locations shall comply with Houston Public Works spec sections 02911, 02911, 02912, 02915, 02921 & 02922. In general trees along sides of street right of ways shall be no closer than 3' to back of curb or 20' from another tree. Trees in medians shall be no closer than 6' back of curb, 75' from an intersection, 50' to a median cut, or 20' from another tree. Contractor to coordinate locations with City Forestry and HPW prior to PURCHASING trees. All replacement trees called out on plans may not be planted on project relative to coordination with listed parties.

Cash Allowance Due Parks from HPW for Balance of Mitigation Not Planted on Project			
	Required Mitigation total	Mitigation rate/finch	
0-5.99"	\$	289.47	\$
6-11.99"		482.47	\$
12" +		643.3	\$
TOTAL REQUIRED MITIGATION FEE			\$

C.N. Koehl
 Urban Forestry, Inc.
 210 Stone Bush Ct. • Katy, Texas 77493
 281-301-0022 ckoehl@koehlorb.com
 APPROVED: Cmg 2/24/21 08-04-2025

MONTROSE
 THE INCREMENT REINVESTMENT ZONE 27

Gauge
 ENGINEERING
 SURVEYED BY:
 AMANI ENGINEERING

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

TREE PROTECTION PLAN

WBS NUMBER: N-T27000-01
 DRAWING SCALE: AS SHOWN
 CITY OF HOUSTON: PM
 SHEET NO. 67 OF 71

80875

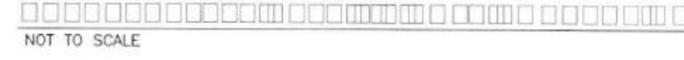
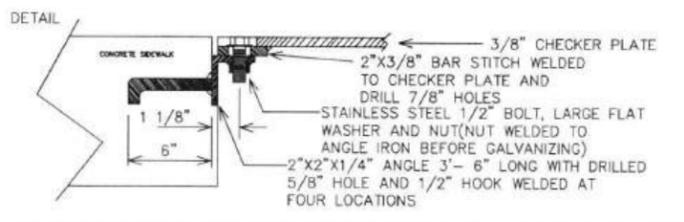
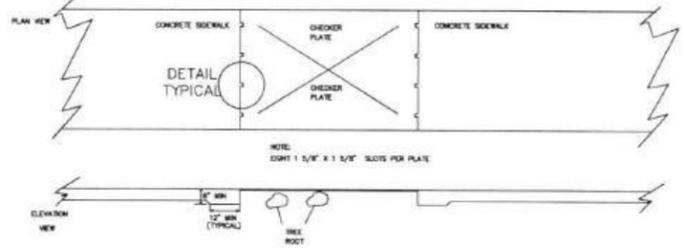
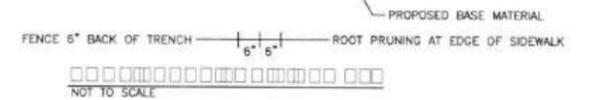
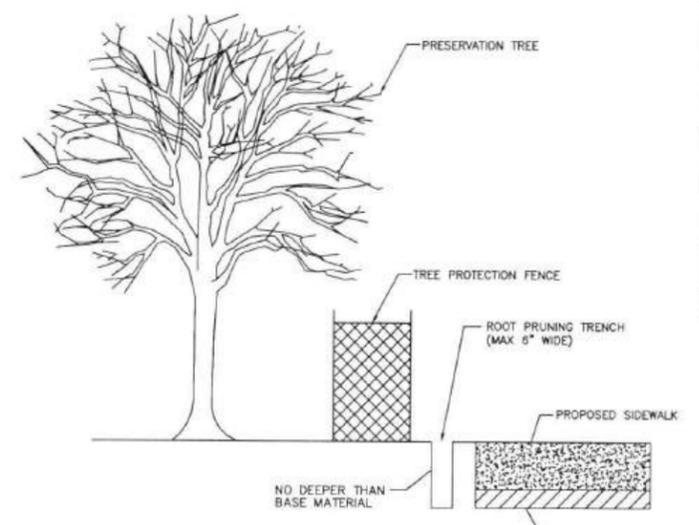
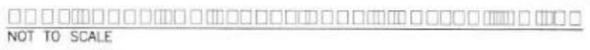
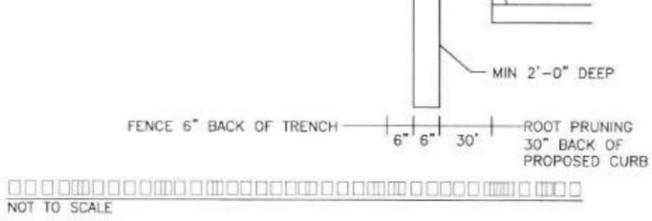
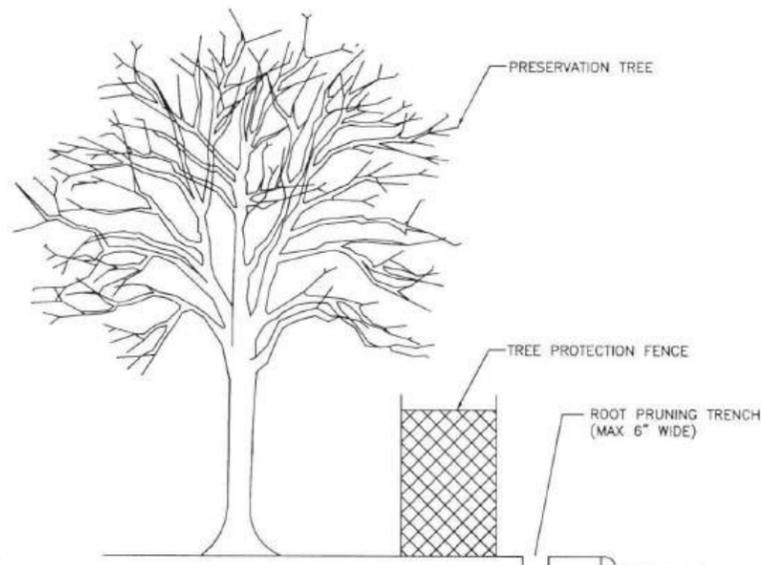
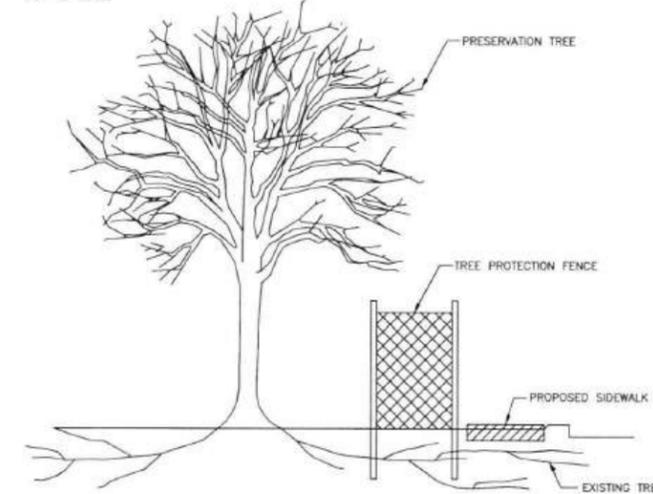
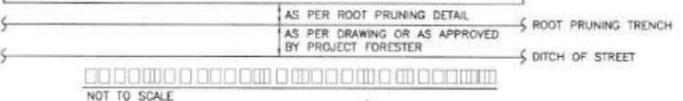
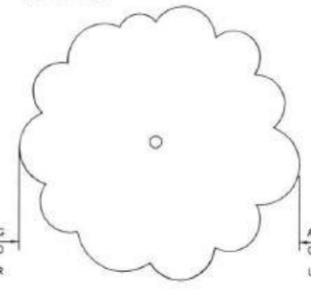
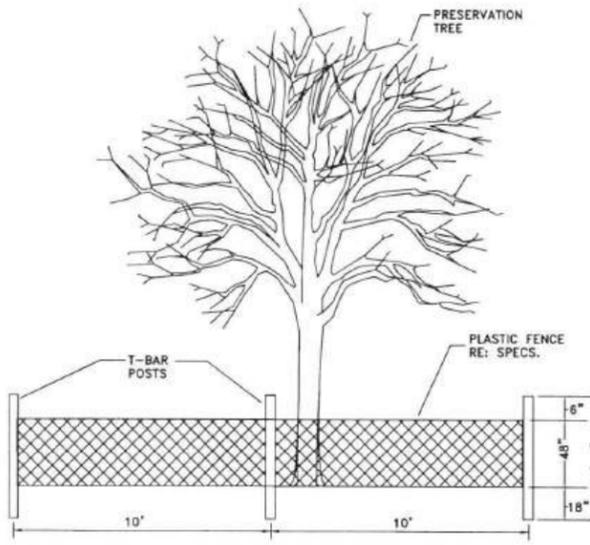
HOUSTON, TEXAS

No.	DATE	REVISIONS	APP.

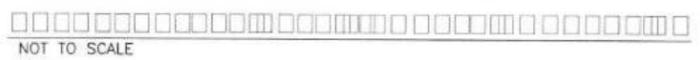
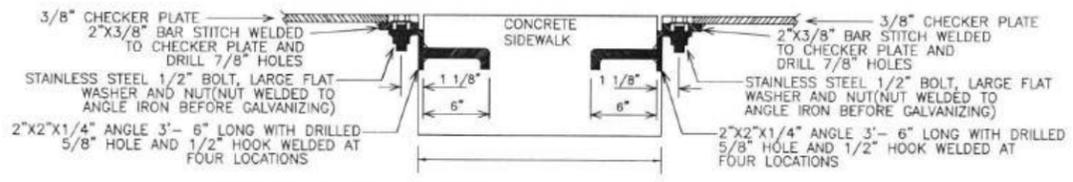
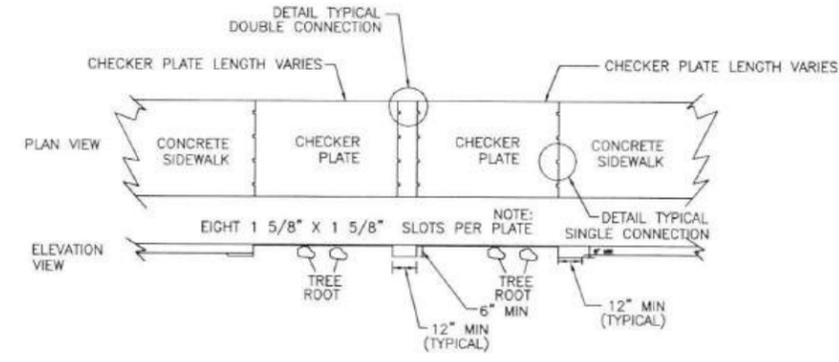
Plotted on: \$DATE\$ \$TIME\$ \$USER\$

Pen Table: \$PENTBL\$
Plot Driver: \$PLTDVLM\$

No.	DATE	REVISIONS	APP.



NOTE:
ALL IRONWORK TO BE HOT DIPPED GALVANIZED EXCEPT AS NOTED.



NOTE:
ALL IRONWORK TO BE HOT DIPPED GALVANIZED EXCEPT AS NOTED.

C.N. Koehl
Urban Forestry, Inc.
210 Stone Bush Ct. - Katy, Texas 77493
281-391-0022 ckoehl@koehlfurtonforestry.com
APPROVED: [Signature] 06-04-2025

MONTROSE
TAX INCREMENT REINVESTMENT ZONE 27

Gauge
ENGINEERING
SURVEYED BY:
AMANT ENGINEERING

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK
IMPROVEMENTS

TREE PROTECTION PLAN

WBS NUMBER: N-727000-0014-7
DRAWING SCALE: AS NOTED
CITY OF HOUSTON, TX
JADA HUANG
SHEET NO. 68 F

SHEET 9 OF 9
80875

Design Filename: \$FILES\$

Pen Tables: TX+Pen.tbl
 Plot Driver: M:\Bentley\OpenRoads Designer\CEA\Configuration\2022\WorkSpaces\TXDOT\Apr\Int\ing\pl\ctfg\pdf-c.plt.ctg
 Plotted on: 6/6/2025 11:09:08 AM BUSERS



LEGEND

 BROADCAST SEED (TEMP)(WARM)

 INLET PROTECTION BARRIER

- NOTES:**
1. SEE SW3P STANDARD SHEETS FOR DETAILS.
 2. CONTRACTOR TO SUBMIT CONCRETE TRUCK WASH AREA TO ENGINEER FOR APPROVAL.
 3. PLACE BLOCK SOD ON DISTURBED AREAS.



MONTROSE
 TAX INCREMENT REINVESTMENT ZONE 27

Gauge
 ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11750 KATY FREEWAY, #400
 HOUSTON, TX 77079

STATE OF TEXAS
 DAVID G. GREANEY
 125563
 LICENSED PROFESSIONAL ENGINEER

SURVEYED BY:
 AMANI ENGINEERING

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

STORMWATER POLLUTION PREVENTION PLAN

SHEET 1 OF 1

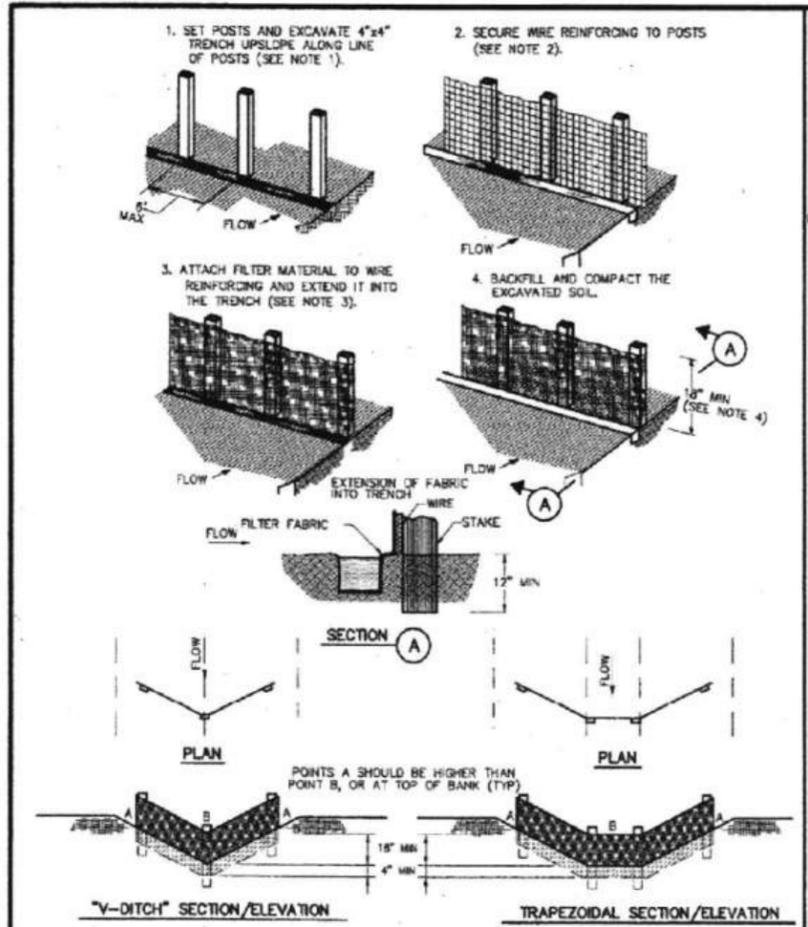
WBS NUMBER: N-127000-004-4
 DRAWING SCALE: AS SHOWN
 CITY OF HOUSTON, TX
 JPRD HJ
 SHEET NO. 69 OF 83

80875

ACCEPTED

Design: J. Legaspe; Plot: TRZ 27\1320-Cherryhurst Sidewalk Improvements\4-0-Production\Working\4-1-CAD\SW3P\1320 - SW3P.dwg

Pen Tables: Tx+Pen.tbl
 Plot Drivers: M:\Bentley\OpenRoads Designer\CEA\Config\Plot\2022\WorkSpaces\TXDOT\pr\inting\plc\cpl\cpl.ctb
 6/6/2025 11:49:18 AM #USERS
 Plotted on: 6/6/2025 11:49:18 AM #USERS

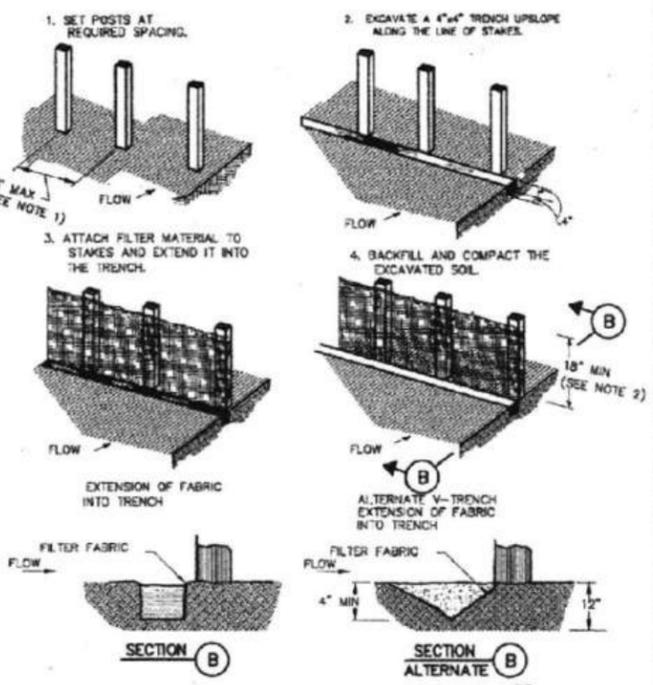
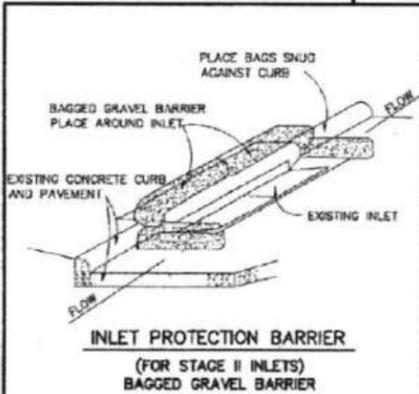


CONSTRUCTION NOTES:

- SET 2 INCH BY 2 INCH WOODEN STAKES SPACED A MAX OF 6 FEET APART AND EMBEDDED A MIN OF 12 INCHES.
- WOVEN WIRE REINFORCING TO BE FASTENED SECURELY TO BARRIER POSTS WITH STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE REINFORCING, WITH TIES SPACED EVERY 24 INCHES AT TOP AND MIDSECTION.
- MINIMUM HEIGHT OF FILTER SHOULD BE 18 INCHES AND A MAXIMUM OF 36 INCHES ABOVE NATURAL GROUND.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED 6 INCHES AT THE POSTS, AND FOLDED.
- SEE COH STANDARD SPECIFICATION FOR FILTER FABRIC BARRIER.

FF
 SYMBOL

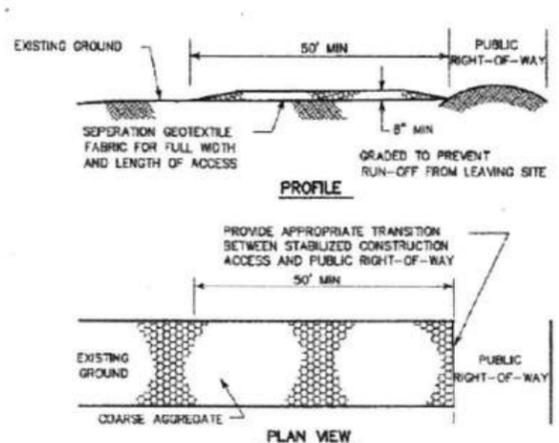
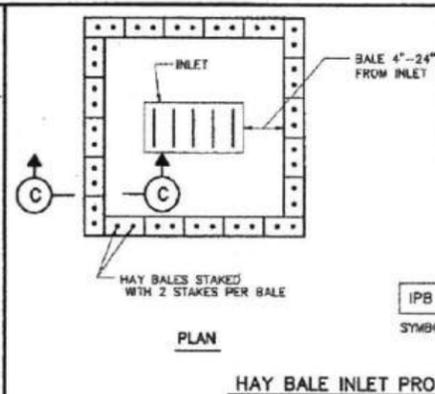
REINFORCED FILTER FABRIC BARRIER



CONSTRUCTION NOTES:

- 2 INCH THICK BY 2 INCH WOODEN STAKES TO BE SET AT MAX SPACING OF 3 FEET AND EMBEDDED A MIN OF 8 INCHES. IF PREASSEMBLED BARRIER WITH SUPPORT NETTING IS USED, SPACING OF POST MAY BE INCREASED TO 8 FEET MAX.
- ATTACH FILTER FABRIC TO WOODEN STAKES. FILTER FABRIC BARRIER SHALL HAVE A MIN HEIGHT OF 18 INCHES AND MAX HEIGHT OF 36 INCHES ABOVE NATURAL GROUND.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHOULD BE OVERLAPPED 6 INCHES AT THE POSTS, AND FOLDED.
- SEE COH STANDARD SPECIFICATION FOR FILTER FABRIC BARRIER.

FF
 SYMBOL

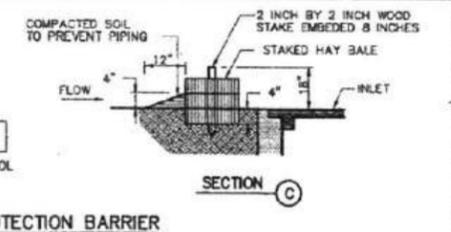
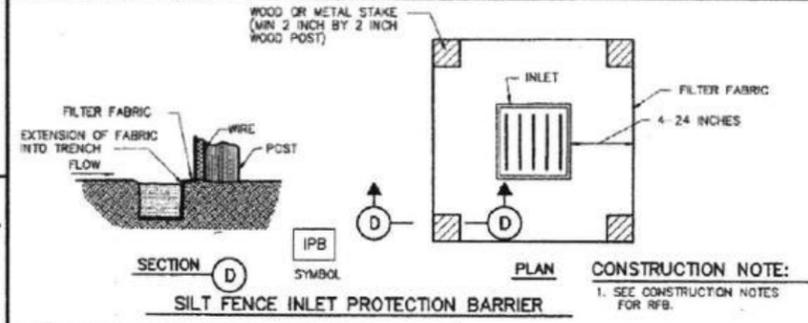


CONSTRUCTION NOTES:

- LENGTH SHALL BE AS SHOWN ON THE CONSTRUCTION DRAWINGS, BUT NOT LESS THAN 50 FEET.
- THICKNESS SHALL BE NOT LESS THAN 8 INCHES.
- WIDTH SHALL BE NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
- STABILIZATION FOR OTHER AREAS SHALL HAVE THE SAME AGGREGATE THICKNESS AND WIDTH REQUIREMENTS AS THE STABILIZED CONSTRUCTION ACCESS, UNLESS OTHERWISE SHOWN ON THE CONSTRUCTION DRAWINGS.
- STABILIZED AREA MAY BE WIDENED OR LENGTHENED TO ACCOMMODATE A WASHING AREA. AN OUTLET SEDIMENT TRAP MUST BE PROVIDED FOR THE WASHING AREA.
- COH STANDARD SPECIFICATION FOR STABILIZED CONSTRUCTION ACCESS.
- STABILIZED CONSTRUCTION ACCESS SHALL BE MAINTAINED FREE OF SEDIMENT FOR THE DURATION OF B.C. PROJECT.

SC
 SYMBOL

STABILIZED CONSTRUCTION ACCESS



CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

STORM WATER POLLUTION PREVENTION PLAN DETAILS
 (NOT TO SCALE)

APPROVED: [Signature]
 CITY ENGINEER

APPROVED: [Signature]
 DIRECTOR OF PUBLIC WORKS AND ENGINEERING

EFF DATE: JULY-01-2010 DWG NO. 01571-01

MONTROSE
 THE INCENTIVE INVESTMENT ZONE 27

Gauge ENGINEERING
 TEXAS PE FIRM REG # F-20017
 11780 KATY FREEWAY #400
 HOUSTON TX 77079

STATE OF TEXAS
 DAVID G. GREANEY
 LICENSED PROFESSIONAL ENGINEER
 125563
 5112005
 Gauge Engineering, LLC
 Texas Registered Engineering Firm F-2017

SURVEYED BY:
 SAMANI ENGINEERING

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

STORM WATER POLLUTION PREVENTION PLAN DETAIL

SHEET 1 OF 1

WBS NUMBER: [Blank]
 FOR CITY OF HOUSTON USE ONLY

H-127000-01-4

DRAWING SCALE: 80875

AS NOTED

CITY OF HOUSTON

JADA HARRIS

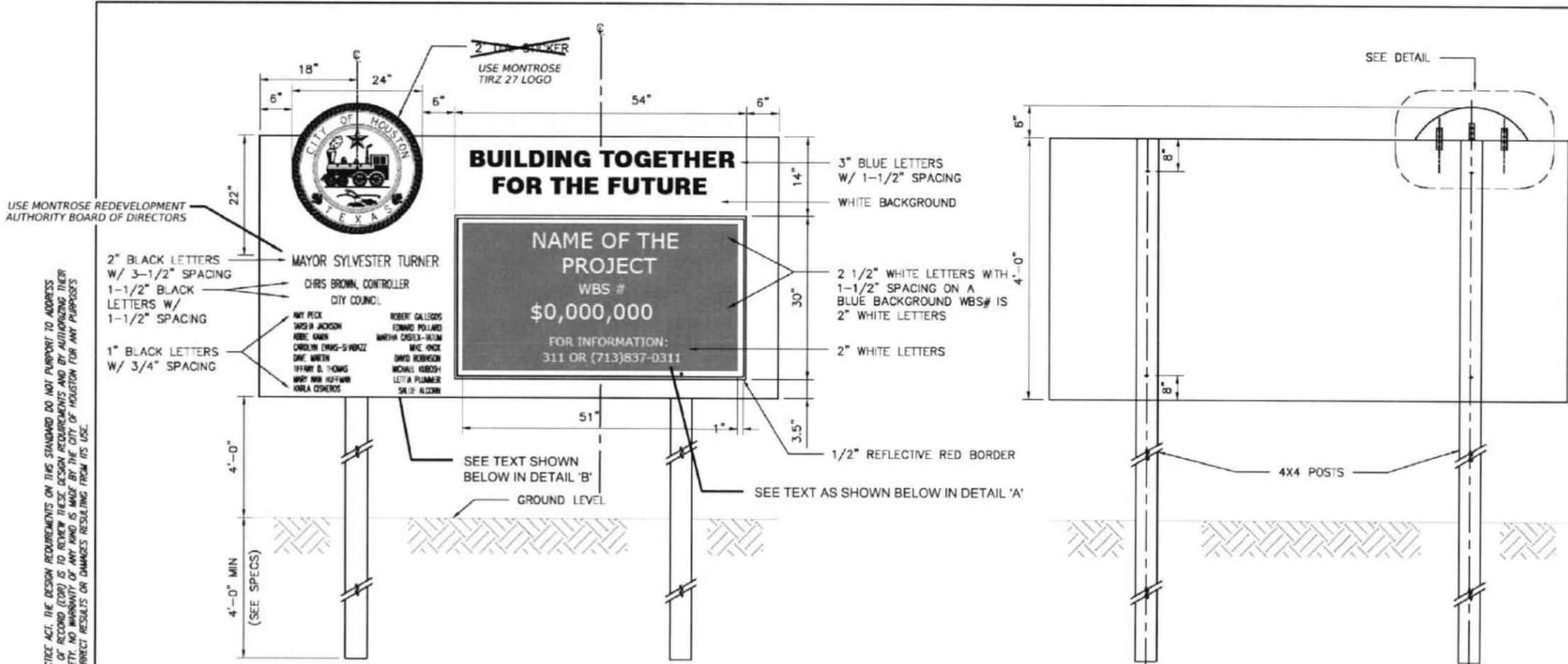
SHEET NO. 170 OF [Blank]

NO.	DATE	REVISIONS

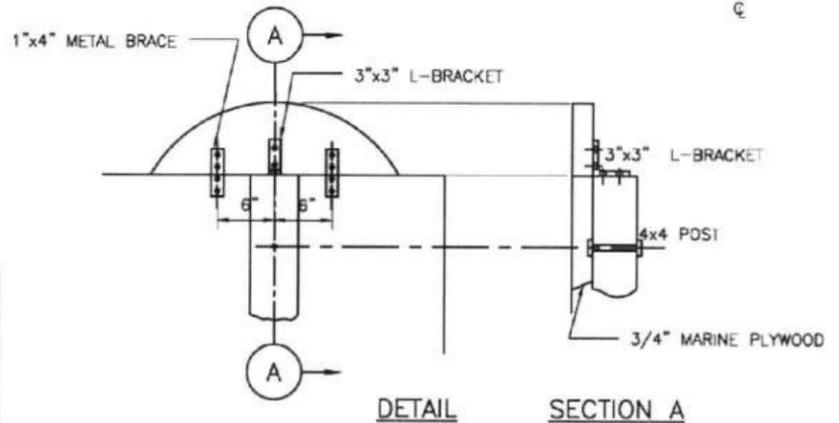
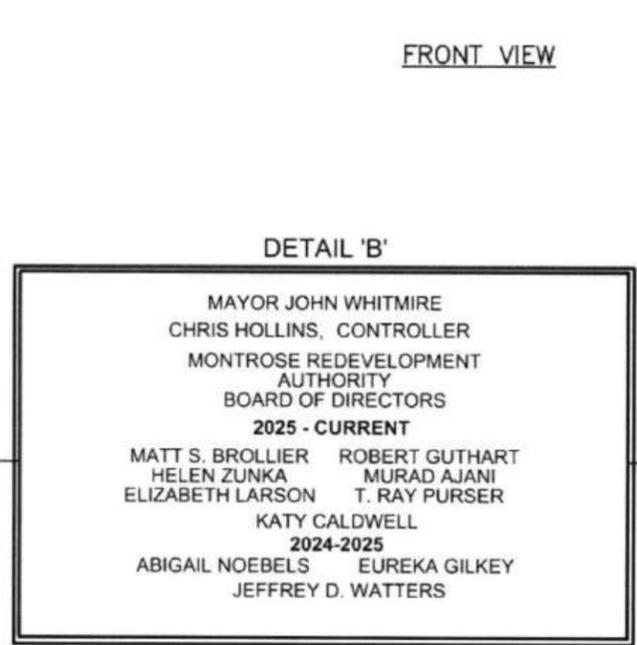
D:\Projects\2022\WorkSpaces\TXDOT\pr\inting\plc\cpl\cpl.ctb
 Improvements 4-0-Production-Work\Intg\4-1-CAD\SW3P\STANDARDS\1320-SW3P-DETAIL.dgn

Pen Tables: Tx=Pen.tbl
 Plot Drivers: Mt=BentleyOpenRoads Designer CE\configuration\2022\WorkSpaces\TXDOT\p\rinting\plctcg\pdf-c.plctcg
 Plotted on: 6/9/2025 4:47:41 PM BUSERS

DocuSign Envelope ID: CB71C118-B716-4899-A5EE-0D2F2CC55AF6



DISCLAIMER:
 THE USE OF THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THEIR USE. THE ENGINEER OF RECORD (EOR) IS TO REVIEW THESE DESIGN REQUIREMENTS AND BY AUTHORIZING THEIR USE, ACCEPTS RESPONSIBILITY FOR THEIR APPLICABILITY, ADEQUACY AND SAFETY. NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF HOUSTON FOR ANY PURPOSES WHATSOEVER. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.



CITY OF HOUSTON
 HOUSTON PUBLIC WORKS STANDARD

CONSTRUCTION SIGN

(SCALE: NOT TO SCALE)

APPROVED BY:

Subal Kaurwar
 CITY ENGINEER

Carl Hallock
 DIRECTOR OF HPW

EFF DATE: NOV-27-2023 DWG NO: 01580-01

DETAIL 'A'

CHERRYHURST SIDEWALK IMPROVEMENTS

WBS NO. N-T27000-0014-7

\$0,000,000

FOR INFORMATION:
 311 OR (713) 837-0311

MONTRÖSE
 TAX INCENTIVE REINVESTMENT ZONE 27

Gauge ENGINEERING
 TEXAS PE FIRM REG. # F-20017
 11700 KATY FREEWAY #400
 HOUSTON TX 77079

DAVID G. GREANEY
 LICENSED PROFESSIONAL ENGINEER
 125563

DAVID G. GREANEY
 Texas Registered Engineer, Feb F-20017

CITY OF HOUSTON
 HOUSTON PUBLIC WORKS

CHERRYHURST SIDEWALK IMPROVEMENTS

CONSTRUCTION SIGN

SHEET 1 OF 1

WBS NUMBER: N-T27000-0014-7
 DRAWING SHEET: 80875
 AS NOTED
 CITY OF HOUSTON
 JADA HUNG

SHEET NO. 01 OF 01

NO.	DATE	REVISIONS

Design File name: P:\TIRZ 27\1320-Cherryhurst Sidewalk Improvements\4-0-Production-Marketing\4-1-CAD\Generat\1320 - CONSTRUCTIONS SIGN.dgn