

| ISSUE LOG |      |             |
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| NO.       | DATE | DESCRIPTION |
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CONSULTANT(S):  
  
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 Engineering Consultants  
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 713-622-9264 • Fax: 713-622-9265 • www.claunchmiller.com

SEAL(S):  
  
 GUILLERMO I. SALCEDO  
 LICENSED PROFESSIONAL ENGINEER  
 No. 99490  
 State of Texas  
 9 May 08

PROJECT NAME:  
**HOUSTON-PIERCE ELEVATED AND LOT "C" PARKING LOT IMPROVEMENTS**

  
**CITY OF HOUSTON**  
 GENERAL SERVICES DEPARTMENT

REVIEWED:  
 PROGRAM MANAGER \_\_\_\_\_ SPONSORING DEPARTMENT \_\_\_\_\_  
 PROJECT MANAGER \_\_\_\_\_

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT AT 713-207-7777.  
**PRIVATE UTILITY LINES SHOWN**  
 AT LEAST 48 HOURS BEFORE EXCAVATING IN STREET R.O.W. OR EASEMENTS CALL THE LONG STAR NOTIFICATION 713-223-4567.  
 N/A Date: \_\_\_\_\_  
 CenterPoint Energy/Electric Facilities (Approved only for crossing underground ductlines, unless otherwise noted) Valid of time of review only.  
 N/A Date: \_\_\_\_\_  
 SBC Approved for underground conduit facilities only. Signature valid for one year.  
 N/A Date: \_\_\_\_\_  
 CenterPoint Energy/Gas Facilities (Gas service lines are not shown)

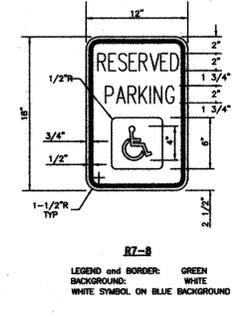
SHEET TITLE:  
**General Details Sheet 2 of 2**

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES  
**CITY OF HOUSTON**  
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
 WORKMAN \_\_\_\_\_  
 DRAWN \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 STREET & BRIDGE \_\_\_\_\_

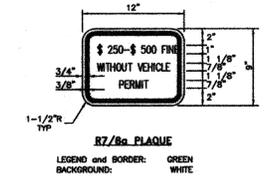
FILE NO: \_\_\_\_\_ FOR CITY OF HOUSTON USE ONLY  
 DRAWING SCALE \_\_\_\_\_  
 HORZ: N/A  
 VERT: \_\_\_\_\_  
 SHEET No. **22** OF 29

CITY DWG. NO.: \_\_\_\_\_ REVISED JAN 2006

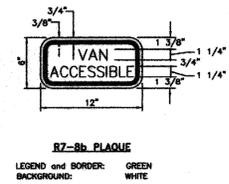
1



**R7-8**  
 LEGEND and BORDER: GREEN  
 BACKGROUND: WHITE  
 WHITE SYMBOL ON BLUE BACKGROUND

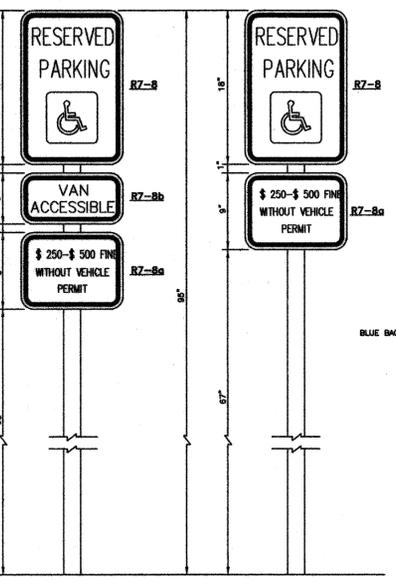


**R7-8a PLAQUE**  
 LEGEND and BORDER: GREEN  
 BACKGROUND: WHITE



**R7-8b PLAQUE**  
 LEGEND and BORDER: GREEN  
 BACKGROUND: WHITE

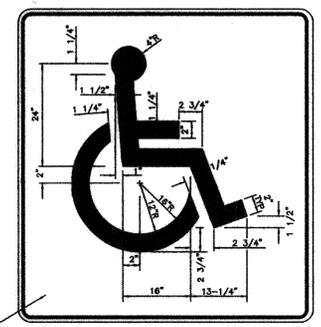
2



**VAN ACCESSIBLE HANDICAP SIGNS** ③  
**HANDICAP SIGNS** ④

**METRO STANDARD PAVEMENT MARKINGS AND SIGNAGE FOR HANDICAPPED ACCESSIBLE PARKING**  
 N.T.S.

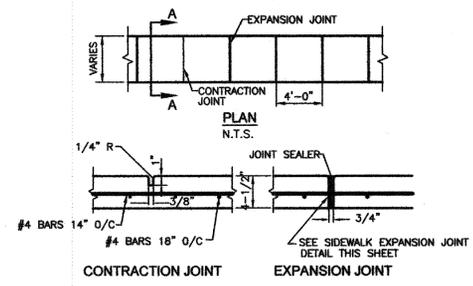
3



**HANDICAPPED SYMBOL** ②  
 SYMBOL: WHITE  
 BLUE BACK GROUND

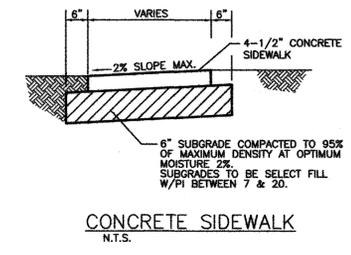
- NOTES:
- ALL PARKING SPACELINE LINES SHALL BE 4" SOLID WHITE LINES.
  - ASLE MARKINGS SHOWN ARE EXAMPLES ONLY. OTHER METHODS TO INDICATE A NO PARKING AREA ARE ACCEPTABLE. ASLE MARKINGS SHALL BE WHITE.
  - DIMENSIONS OF LIMIT LINES, ASLE MARKINGS, AND SYMBOL (WITH OR WITHOUT BACKGROUND) MAY VARY ± 10%.
  - PAVEMENT MARKING SYMBOLS (WITH BACKGROUND)
    - ARE REQUIRED UNLESS STATED ELSEWHERE IN THE PLANS.
    - SHOULD BE PLACED TOWARD THE FAR END OF THE PARKING SPACES SO AS TO BE VISIBLE TO MOTORISTS IN THE TRAVEL LANE.
    - MAY BE PAINTED OR PREFABRICATED MATERIAL, AND
    - SHALL BE 30"x30" MINIMUM.
  - FROM APPROVAL OF THE ENGINEER, PREFABRICATED PAVEMENT MARKING SYMBOLS WITH BACKGROUND OF OTHER DIMENSIONS EXCEEDING THE 30"x30" MINIMUM MAY BE USED. ALTERNATIVE DESIGNS SHALL INCLUDE A PROPORTION SIZED SYMBOL OF ACCESSIBILITY, AND SHALL CONFORM TO THE ILLUSTRATED COLORS FOR BACKGROUND, SYMBOL AND BORDER.
  - AN R7-8 SIGN:
    - SHALL BE REQUIRED FOR EACH ACCESSIBLE PARKING SPACE.
    - SHALL NOT BE PLACED BETWEEN TWO ACCESSIBLE PARKING SPACES.
    - SHALL NOT BE PLACED IN A LOCATION THAT RESTRICTS MOVEMENT OF WHEELCHAIRS WITHIN THE ADJACENT SIDEWALK, AND
    - SHALL HAVE A MINIMUM MOUNTING HEIGHT OF 7 FEET. IF MOUNTED TO WALL OR LOCATED SO AS NOT TO BE NEAR PEDESTRIAN TRAFFIC MINIMUM MOUNTING HEIGHT MAY BE 7 FEET.
  - POST MOUNTED SIGNS SHOULD BE PLACED APPROXIMATELY 1 FOOT (OR GREATER) BEHIND THE SIDEWALK CURB TO PREVENT DAMAGE FROM VEHICLE OVERHANG.
  - SIGNS MAY BE MOUNTED DIRECTLY TO AN ADJACENT WALL OF A BUILDING WHEN POST MOUNTING IS IMPRACTICAL.

4



CONTRACTION JOINT  
 EXPANSION JOINT  
 N.T.S.

- NOTES:
- ALL EDGES SHALL BE ROUNDED WITH 1/4" RADIUS.
  - EXPANSION MATERIAL WITH 1/2" DOWELS @ 18" C-C REQUIRED WHERE SIDEWALKS ABUT BUILDINGS, CURBS, DRIVEWAYS, OR EXIST. SIDEWALKS.
  - EXPANSION JOINTS WITH 1/2" DOWELS @ 18" C-C SHALL BE SPACED AT 20' FT. INTERVALS.
  - WHERE NEW SIDEWALK IS PLACED AGAINST EXISTING SIDEWALK, SAWCUT EXISTING SIDEWALK TO AN EVEN STRAIGHT LINE PRIOR TO INSTALLATION OF THE NEW SIDEWALK.
  - CONTRACTION JOINTS AT 4 FT. INTERVALS.



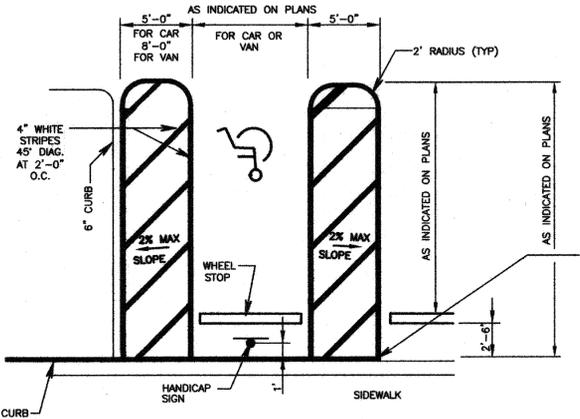
**CONCRETE SIDEWALK**  
 N.T.S.

D

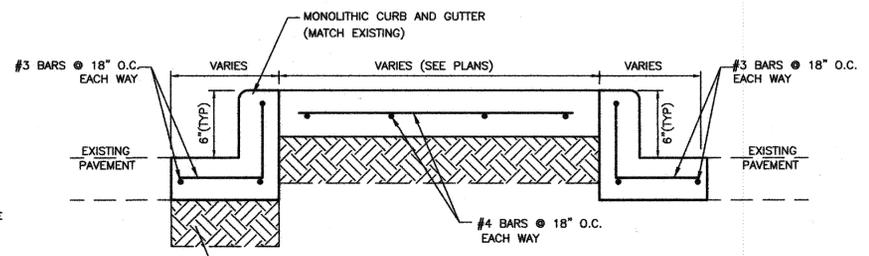
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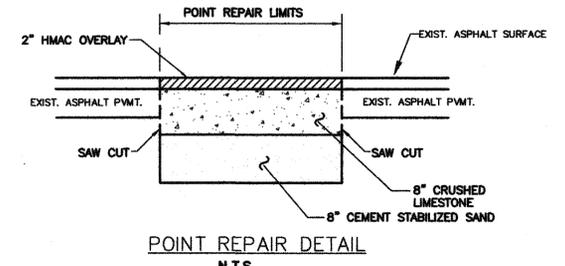
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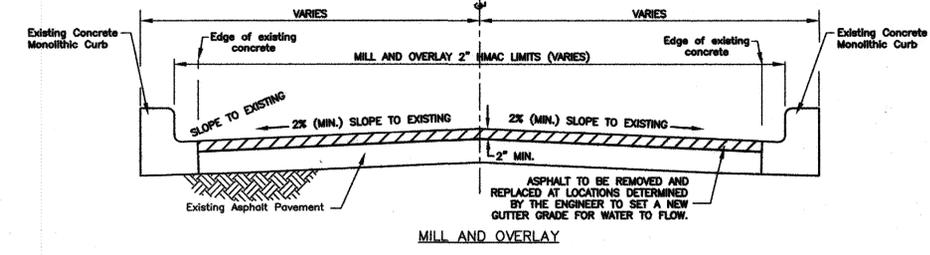
**HANDICAPPED PARKING STALL** ①  
 N.T.S.



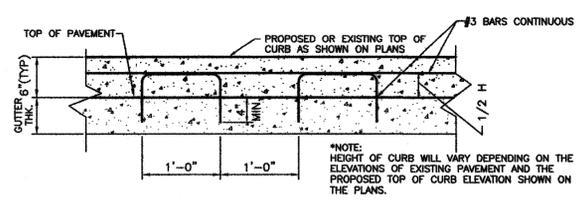
**TYPICAL CURB AND MEDIAN REPAIR**  
 N.T.S.



**POINT REPAIR DETAIL**  
 N.T.S.



**TYPICAL PARKING OVERLAY CROSS SECTION**  
 N.T.S.

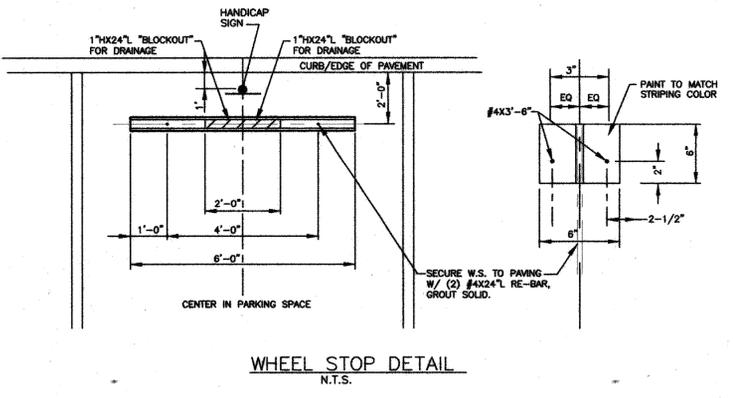


**CURB REPAIR**  
 N.T.S.

- WHEN CURB IS TO BE REPLACED ONLY, REMOVE EXISTING CURB FROM THE TOP OF THE EXISTING PAVEMENT AND DOWEL AND GROUT REINFORCING BARS INTO EXISTING PAVEMENT.
- DO NOT BREAK EXISTING CURB BELOW TOP OF PAVEMENT.
- WHENEVER EXISTING CURB IS REMOVED, IT SHALL BE SAWCUT PRIOR TO REMOVAL. EXPANSION JOINT MATERIAL SHALL BE USED WHENEVER NEW CURB ABUTS EXISTING CURB.
- CONTRACTOR IS TO PROVIDE POSITIVE DRAINAGE FROM ROW OVER PROPOSED CURB AND SHALL VERIFY ADEQUATE SLOPE PRIOR TO PLACING CONCRETE.

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**WHEEL STOP DETAIL**  
 N.T.S.

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