PLANS FOR:

SUNSET PARK DISTRIBUTION LINE REPLACEMENT (WEST)

TAMPA WATER DEPARTMENT

WORK ORDER NO.:
8407

INDEX

DESCRIPTION
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2 GENERAL NOTES, SPECIFIC NOTES, LEGEND
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COVER SHEET

RORY A. JONES, P.E.
CITY OF TAMPA WATER DEPT.
306 E. JACKSON ST., 5E
TAMPA, FLA. 33602
P.E. #79453

DESIGNED
NPP
DRAWN
JDM
CHECKED
RAJ
DATE 10/01/2017

CONTRACTOR: DALLAS 1

STATE OF FLORIDA PROFESSIONAL ENGINEER No. 79453

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SUNSET PARK DISTRIBUTION LINE REPLACEMENT (WEST)

PERMITS

CITY COUNTY STATE DEP

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100% PLANS

WORK ORDER NO. 8407

ATLAS PAGE 8-3 KB-4 SHEET 1 OF 49
NOTE:
1. ALL VALVES SHALL BE RIGHT-HAND OPEN.
2. POLYWRAP ALL DUCTILE IRON PIPE (D.I.P) FITTINGS AND APPURTENANCES.
3. ALL BLOW-OUT BENDS SHALL BE MECHANICAL JOINT (MJ).
4. RESTRAN ALL JOINTS AND FITTINGS PER CONSTRUCTION PLANS AND DETAILS.
5. CONCRETE THRUST BLOCKS SHALL NOT BE USED TO PROVIDE THRUST RESTRAINT; RESTRAINT OF PUSH-ON DP (OTHER THAN FOR FITTINGS AND VALVES) SHALL BE WITH APPROVED PUSH-ON "GRIPPER-TYPE" RESTRAINTS. FITTINGS AND VALVES SHALL BE CONNECTED TO PIPE WITH MEDALGAE, OR APPROVED EQUAL.
6. ALL POTABLE WATER SERVICE LATERAL, AIR RELEASE VALVES, AND TEMPORARY SAMPLE POINTS SHALL BE CONSTRUCTED OF BLUE 508 HIGH DENSITY POLYETHYLENE (HDPE) TUBING. ALL HDPE TUBING SHALL BE INSTALLED WITHIN A CASING AS DEFINED IN THE SPECIFICATIONS AND DETAILS.

TESTING
1. ALL COMPONENTS OF THE WATER SYSTEM, INCLUDING FITTINGS, HYDRANTS, CONNECTIONS, AND VALVES SHALL BE PROPERLY PRESSURE TESTED, WITNESSED AND ACCEPTED BY THE CITY. PRESSURE TESTS TO BE PERFORMED IN ACCORDANCE WITH WATER DEPARTMENT SPECIFICATIONS. CONTRACTOR TO NOTIFY THE ASSIGNED CITY INSPECTOR A MINIMUM OF THREE (3) WORKING DAYS IN ADVANCE OF PERFORMING TESTING.
2. CONTRACTOR SHALL PERFORM CHLORINATION AND HIRE INDEPENDENT FIRMS TO CONDUCT BACTERIOLOGICAL TESTING AS DEFINED IN F.A.C. 62-555.94; CONTRACTOR TO SUPPLY THE CITY WITH ALL BULTS AND SAMPLE RESULTS TO BE SUBMITTED TO THE WATER DEPARTMENT ENVIRONMENTAL PROTECTION (DEP) CLEARANCES BEFORE PLACING METERS OR PIPELINES IN SERVICE.
3. CONTRACTOR SHALL PREPARE THE WATER MAIN CROSSING ABOVE OTHER PIPES. WHEN WATER MUST BE BELOW, PROVIDE 12" MINIMUM VERTICAL SEPARATION UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL PERFORM THE WORK SHOWN IN THE PLANS. EXISTING PIPE REQUIREING RESTRAINTS SHALL UTILIZE EXTERIOR BELL RESTRAINTS.
5. CONSTRUCTION DETAILS, AND THE TAMPA WATER DEPARTMENT TECHNICAL MANUAL (LATEST EDITION). IN THE EVENT OF A DISCREPANCY, THE MOST STRINGENT CRITERIA SHALL APPLY.
6. CONTRACTOR SHALL PERFORM CHLORINATION AND HIRE INDEPENDENT FIRMS TO CONDUCT BACTERIOLOGICAL TESTING AS DEFINED IN F.A.C. 62-555.94; CONTRACTOR TO SUPPLY THE CITY WITH ALL BULTS AND SAMPLE RESULTS TO BE SUBMITTED TO THE WATER DEPARTMENT ENVIRONMENTAL PROTECTION (DEP) CLEARANCES BEFORE PLACING METERS OR PIPELINES IN SERVICE.
7. CONTRACTOR SHALL PREPARE THE WATER MAIN CROSSING ABOVE OTHER PIPES. WHEN WATER MUST BE BELOW, PROVIDE 12" MINIMUM VERTICAL SEPARATION UNLESS OTHERWISE NOTED.
8. CONTRACTOR SHALL PERFORM THE WORK SHOWN IN THE PLANS. EXISTING PIPE REQUIREING RESTRAINTS SHALL UTILIZE EXTERIOR BELL RESTRAINTS.

RESTORATION
1. ROADWAY RESTORATION SHALL BE IN CONFORMANCE WITH CORRESPONDING LAYOUT CONDITIONS.
2. DISTURBANCES TO ANY PROPERTY, PUBLIC OR PRIVATE, SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
3. THE CONTRACTOR SHALL REDEPLOY PERTINENT EQUIPMENT ADJACENT TO THE GUTTERS AND AT STREET INSTRUCTIONS TO OBTAIN SATISFACTORY DRAINS TO THE INLETS FROM THE INTERSECTING STREETS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL DETERMINE THE FLOW OF WATER ALONG A STREET, DOCUMENT WHERE STANDING WATER IS PRESENT.

PROJECT SPECIFIC NOTES

NOTE:
1. PVC WATERMAIN SHALL BE CERTIFIED COPPER (INTEGRAL BELL RESTRAINED JOINT).
CUT & PLUG EX. 2" WATER MAIN

CLOSE VALVE REMOVE VALVE BOX

EX. 2" WATER MAIN TO BE ABANDONED

SAN MIGUEL ST.

DUNDEE ST.

EX. ASPHALT PAVEMENT

REM. & SALVAGE EX. 4 1/2" HYDRANT

PROPOSED 5 1/2" CNG HYDRANT

STA 2+28.7LT

PROPOSED:

8" X 6" MJ TAPPING SLEEVE

6" TAPPING VALVE W/ BOX

CLOSE VALVE REMOVE VALVE BOX

REMOVE & SALVAGE EX. 4" HYDRANT

PROPOSED 5" CNG HYDRANT

PROPOSED 372LF OF 6" PVC WATER MAIN

PROPOSED 6" PVC WATER MAIN

APPROXIMATE GRADE

8" PROPOSED WATER MAIN

PROPOSED 6" PVC WATER MAIN

3' MIN. (TYP.)

PROPOSED 6" PVC WATER MAIN

CAUTION

CAUTION

CAUTION

CAUTION

EX. 2" WATER MAIN TO BE ABANDONED

SUNSET PARK DISTRIBUTION LINE REPLACEMENT (WEST)

PLAN AND PROFILE

RORY A. JONES, P.E.
CITY OF TAMPA WATER DEPT.
306 E. JACKSON ST., 5E
TAMPA, FLA. 33602
P.E. #79453

REV NO. DATE DESCRIPTION BY DESIGNED NPP DRAWN JDM CHECKED RAJ DATE 10/01/2017

WORK ORDER NO. 8407

100% PLANS

K:\Projects\Pre FY18 Projects\8407 - FY17 CIP Sunset Park (West), NPP, JDM\1. 8407 - FY17 CIP Sunset Park (West)\2. Design\5. Drawings\WO8407\01-Dwg\02-Sheets\WO8407.dwg  Apr 09,  2020 - 11:02am

MATCHLINE - SEE SHEET 05

SCALE - HORIZONTAL

SCALE - VERTICAL

NORTH

0 20' 0' 50'

0 2' 0'
PROPOSED: 8" X 4" MJ TAPPING SLEEVE
4" TAPPING VALVE W/BOX
(2) 4" 90° BENDS ROUND HOUSE

CLOSE VALVE REMOVE VALVE BOX

CUT & PLUG 2" RM
STA. 3+07, 7' RT
PROPOSED: 4" 90° BEND
ROLLED

PROPOSED: 4" PVC WATER MAIN

PROPOSED: 2" WATER MAIN TO BE ABANDONED

EX. 2" WATER MAIN TO BE ABANDONED

PROPOSED: 8" X 6" TAPPING SLEEVE
6" TAPPING VALVE W/BOX
5"
" DNS HYDRANT

METHOD # 5

PROPOSED 4" PVC WATER MAIN

CAUTION

CROSS SECTION AA
LOOKING EAST AT STA. 3+07

APPORXIMATE GRADE
PROPOSED WATER MAIN

EX. GRADE

PROPOSED PVC 4" WATER MAIN

PROPOSED PCV 4" WATER MAIN

PROPOSED 4" PVC WATER MAIN

PROPOSED 4" PVC WATER MAIN

PROPOSED 4" PVC WATER MAIN

PROPOSED PCV 4" WATER MAIN

PROPOSED PCV 4" WATER MAIN
PROPOSED 4" PVC WATER MAIN

APPROXIMATE GRADE @ PROPOSED WATER MAIN

PROPOSED 4" PVC WATER MAIN

CUT & PLUG 2" TAPPED CONNECTION
CLOSE VALVE REMOVE VALVE BOX

EX. 2" WATER MAIN TO BE ABANDONED

STA. 7+42.8RT
PROPOSED: 4" X 4" MJ TEE
4" GATE VALVE BOX
8" X 4" REDUCER
1" SOLID SLEEVE
REMOVE EX. 8" PLUG
CONNECT TO DRYIDGE

STA. 10+15.8RT
PROPOSED: 4" CAP W/BLOW-OFF
SUNSET PARK DISTRIBUTION
LINE REPLACEMENT (WEST)

EX. 2" WATER MAIN TO BE ABANDONED

STA. 7+42.8RT
PROPOSED: 4" X 4" MJ TEE
4" GATE VALVE BOX
8" X 4" REDUCER
1" SOLID SLEEVE
REMOVE EX. 8" PLUG
CONNECT TO DRYIDGE

STA. 10+15.8RT
PROPOSED: 4" CAP W/BLOW-OFF
SUNSET PARK DISTRIBUTION
LINE REPLACEMENT (WEST)

EX. 2" WATER MAIN TO BE ABANDONED

STA. 7+42.8RT
PROPOSED: 4" X 4" MJ TEE
4" GATE VALVE BOX
8" X 4" REDUCER
1" SOLID SLEEVE
REMOVE EX. 8" PLUG
CONNECT TO DRYIDGE

STA. 10+15.8RT
PROPOSED: 4" CAP W/BLOW-OFF
SUNSET PARK DISTRIBUTION
LINE REPLACEMENT (WEST)

EX. 2" WATER MAIN TO BE ABANDONED

STA. 7+42.8RT
PROPOSED: 4" X 4" MJ TEE
4" GATE VALVE BOX
8" X 4" REDUCER
1" SOLID SLEEVE
REMOVE EX. 8" PLUG
CONNECT TO DRYIDGE

STA. 10+15.8RT
PROPOSED: 4" CAP W/BLOW-OFF
SUNSET PARK DISTRIBUTION
LINE REPLACEMENT (WEST)

EX. 2" WATER MAIN TO BE ABANDONED

STA. 7+42.8RT
PROPOSED: 4" X 4" MJ TEE
4" GATE VALVE BOX
8" X 4" REDUCER
1" SOLID SLEEVE
REMOVE EX. 8" PLUG
CONNECT TO DRYIDGE

STA. 10+15.8RT
PROPOSED: 4" CAP W/BLOW-OFF
SUNSET PARK DISTRIBUTION
LINE REPLACEMENT (WEST)

EX. 2" WATER MAIN TO BE ABANDONED

STA. 7+42.8RT
PROPOSED: 4" X 4" MJ TEE
4" GATE VALVE BOX
8" X 4" REDUCER
1" SOLID SLEEVE
REMOVE EX. 8" PLUG
CONNECT TO DRYIDGE

STA. 10+15.8RT
PROPOSED: 4" CAP W/BLOW-OFF
SUNSET PARK DISTRIBUTION
LINE REPLACEMENT (WEST)

EX. 2" WATER MAIN TO BE ABANDONED
MATCHLINE - SEE SHEET 07

SUNSET PARK DISTRIBUTION LINE REPLACEMENT (WEST)

PLAN AND PROFILE

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P.E. #79453

WORK ORDER NO. 8407
ATLAS PAGE JB-3 SHEET 08 OF 49

100% PLANS

SUMMARY

- Cut & Plug Ex. 4” Water Main
- Close Valve Remove Valve Box

STA. 9+08, 7’LT
- Proposed: 8” x 4” Tapping Sleeve
- 4” Tapping Valve W/Box
- Cut & Plug 2” Tapped Connection
- Close Valve Remove Valve Box

STA. 4+48, 5’LT
- Proposed: 8” x 4” Tapping Sleeve
- 4” Tapping Valve W/Box

PROPOSED 460LF of 4” PVC Water Main

NOTE: EX. 2” WATER MAIN TO BE ABANDONED

CAUTION
CAUTION
3' MIN.

PROPOSED 6" PVC WATER MAIN
12" MIN.

STA. 400+02, 3' RT
PROPOSED 6"x6" TAPPING SLEEVE
6" TAPPING VALVE W/BOX

STA. 400+72, 8' RT
PROPOSED 6" 45° BEND

STA. 400+72, 15' RT
PROPOSED 6" 22 1/2° BEND

STA. 400+32, 15' RT
PROPOSED 396LF OF 6" PVC WATER MAIN

REMOVE EX. 4.25" HYDRANT
REPLACE W/ 6 1/4" DN8 HYDRANT

EX. 2" WATER MAIN TO BE ABANDONED
CLOSE VALVE REMOVE BOX

ST S.
S. BRYANT CIRCLE
N. DUNDEE ST.

EX. 4.25" WM
CUT & PLUG EX. 2" WM

MATCHLINE - SEE SHEET 12

SCALE - HORIZONTAL
25' 50'

SCALE - VERTICAL
2.5' 5'

EX. 2" WM
EX. 6" WM
EX. 6.25" WM
EX. 8" SM

APPROXIMATE GRADE
@ PROPOSED WATER MAIN

PROPOSED 6" PVC WATER MAIN

PLAN AND PROFILE

SUNSET PARK DISTRIBUTION LINE REPLACEMENT (WEST)

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P.E. #79453

WORK ORDER NO.
8407

RECORD DRAWING NO.
S32-T29S-R18E

DATE 04/23/18

100% PLANS

ATLAS PAGE K8-1 SHEET 11 OF 49
SUNSET PARK DISTRIBUTION LINE REPLACEMENT (WEST)
PROPOSED 6" WATER MAIN
sta. 600+92, 7' LT
turning point
6" 45° bend
deflect as necessary
12" min.

sta. 602+36, 8' LT
6" 45° bend

sta. 602+52, 21' LT
proposed 6" 45° bend

sta. 602+64, 21' LT
remove ex. 8" plug
proposed: 8" solid sleeve
8" x 6" reducer

ex. 2" WM to be abandoned
deflect as necessary

proposed 237 LF of 6" PVC water main

CUT & PLUG EX. 2" TAPPED CONNECTION
CLOSE VALVE REMOVE BOX

for continuation see sheet 12

plan and profile
sunset park distribution line replacement (west)
STA. 10+15, 12'L T
REMOVED EXISTING 90° BEND
PROPOSED 8" X 90° BEND

STA. 10+33, 12'L T
REMOVED EX. 8" X 6" TEE
PROPOSED : 8" GATE VALVE W/ BOX
8" SOLID SLEEVE

STA. 13+23, 22'L T
PROPOSED 8" SOLID SLEEVE

STA. 10+15, 12'L T
REMOVED EXISTING 90° BEND
PROPOSED 8" X 90° BEND

SUNSET PARK DISTRIBUTION LINE REPLACEMENT (WEST)

APPROXIMATE GRADE OF PROPOSED WATER MAIN

FOR CONTINUATION SEE SHEET 36
FOR CONTINUATION SEE SHEET 30
FOR CONTINUATION SEE SHEET 38
PROPOSED 400LF OF 6" PVC WM
EX. 2" WATER MAIN TO BE ABANDONED
PROPOSED 6" PVC WATER MAIN
STA. 1311+78, 8'RT
PROPOSED 6"X6" MJ TEE
6" GATE VALVE W/BOX
5"-1/2" D Gab HYDRANT
METHOD # 2

APPROXIMATE CENTER OF PROPOSED WATER MAIN
PROPOSED 6' PVC WATER MAIN

SUNSET PARK DISTRIBUTION
LINE REPLACEMENT (WEST)
PLAN & PROFILE

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P.E. #79453

DESIGNED: NPP
DRAWN: JDM
CHECKED: RAJ
DATE: 1/01/2017

100% PLANS
WORK ORDER NO. 8407
RECORD DRAWING NO.
ATLAS PAGE KB-4 SHEET 28 OF 49
MATCHLINE - SEE SHEET 29

PROPOSED 308LF OF 6" PVC WM

EX. VZ
D.O.C. UNKNOWN

PROPOSED 6" PVC WATER MAIN
DEFLECT AS NECESSARY
3' MIN.

STA. 1725+29, 28'RT
REMOVE EX. 6" PLUG
PROPOSED 6" 90° BEND

STA. 1724+99, 18'RT
PROPOSED 6" 45° BEND

STA. 1725+22, 29'RT
PROPOSED 6" 45° BEND

STA. 1724+00
EX. 2" WATER MAIN TO BE ABANDONED

PROPOSED 6" 90° BEND
12" MIN.

STA. 1724+99, 15'RT
PROPOSED 6" 45° BEND

STA. 1725+22, 29'RT
PROPOSED 6" 45° BEND

CUT & PLUG EX. 2" WM

APPROXIMATE GAGE OF PROPOSED WATER MAIN
EX. 10' ST
D.O.C. UNKNOWN

EX. 12

PROPOSED 6" PVC WATER MAIN
DEFLECT AS NECESSARY

EX. 8" WM

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CLOSE VALVE REMOVE BOX

EX. 2" WATER MAIN TO BE ABANDONED

PROPOSED 400 LF OF 6" PVC WM

DEFLECT AS NECESSARY

PROPOSED 6" PVC WATER MAIN

3' MIN.

EX. 2" WM TO BE ABANDONED

STA. 1209+27, 8' RT

PROPOSED 6"X6" MJ TEE

6" GATE VALVE W/ BOX

METHOD # 2

DEFLECT AS NECESSARY

EX. 2" WATER MAIN TO BE ABANDONED

CLOSE VALVE REMOVE BOX

MATCHLINE - SEE SHEET 30

MATCHLINE - SEE SHEET 32
EX. 2" WATER MAIN TO BE ABANDONED  
PROPOSED 180° BEND OF 6" PVC WM  
PROPOSED 6" 45° BEND  
PROPOSED 6" PVC WM  
PROPOSED 6" 45° BEND  
PROPOSED 6" PVC WM  
PROPOSED 6" 45° BEND  
PROPOSED 6" PVC WM  
PROPOSED 6" PVC WATER MAIN  
4" GATE VALVE W/BOX  
PROPOSED 6" X 4" MJ TEE  
PROPOSED 6" PVC WATER MAIN  
3' MIN.
PROPOSED 290LF OF 4" PVC WM

EX. VZ
3' MIN.

PROPOSED 4" PVC WATER MAIN

STA. 1098+10, 8'LT
PROPOSE: 4" CAP
W/ BLOW-OFF ASSEMBLY

CLOSE Valve
REMOVE BOX

EX. 2" WATER MAIN TO BE ABANDONED

APPROXIMATE SPACE FOR PROPOSED WATER MAIN

PROPOSED 4" PVC WATER MAIN

OMAR AVE.
STA. 1000+27, 14'LT
END PIPE BURSTING
PROPOSED: 6" CAP
IN BLOW-OFF ASSEMBLY

STA. 1000+64, 15'LT
PROPOSED 6"X6" ANCHOR TEE
6" GATE VALVE IN/OUT BOX
5.5" DR. DORADOT METHOD

STA. 1000+70, 15'LT
PROPOSED 6"X4" MJ TEE
4" GATE VALVE IN/OUT BOX
1.5' OF 4" DIP
45° BEND
4" SOLID SLEEVE
TIE-INTO EXISTING

STA. 1000+84, 15'LT
PROPOSED 6"X6" ANCHOR TEE
6" GATE VALVE IN/OUT BOX
5" DIAMETER DRAIN
METHOD #1

MATCHLINE - SEE SHEET 37
PROPOSED 650LF OF 8" HDPE WATER MAIN VIA PIPE BURST

STA. 1021+01, 15'L

PROPOSED 6/8" ANCHOR TEE

6" GATE VALVE W/BOX

5 2" ONS HYDRANT

METHOD # 1

PROPOSED 6"X6" ANCHOR TEE

6" GATE VALVE W/BOX

5 2" ONS HYDRANT

METHOD # 1

PROPOSED 6" HDPE WATER MAIN VIA PIPE BURST

STA. 1021+01, 15'L

PROPOSED 6/8" ANCHOR TEE

6" GATE VALVE W/BOX

5 2" ONS HYDRANT

METHOD # 1

PROPOSED 6"X6" ANCHOR TEE

6" GATE VALVE W/BOX

5 2" ONS HYDRANT

METHOD # 1

PROPOSED 6" HDPE WATER MAIN VIA PIPE BURST

STA. 1021+01, 15'L

PROPOSED 6/8" ANCHOR TEE

6" GATE VALVE W/BOX

5 2" ONS HYDRANT

METHOD # 1

PROPOSED 6"X6" ANCHOR TEE

6" GATE VALVE W/BOX

5 2" ONS HYDRANT

METHOD # 1

PROPOSED 6" HDPE WATER MAIN VIA PIPE BURST

STA. 1021+01, 15'L

PROPOSED 6/8" ANCHOR TEE

6" GATE VALVE W/BOX

5 2" ONS HYDRANT

METHOD # 1

PROPOSED 6"X6" ANCHOR TEE

6" GATE VALVE W/BOX

5 2" ONS HYDRANT

METHOD # 1
PROPOSED 422LF OF 8" HDPE WATER MAIN VIA PIPE BURST REPLACEMENT

MATCHLINE - SEE SHEET 39

WARNING FUEL PIPELINE
(813) 839-0426
SIGN SOUTH OF THIS LOCATION INDICATES ABANDON JET FUEL LINE TAMPA AIRPORT.

44LF OF EX. 8" WM TO BE ABANDONED AND GROUTED
CUT & PLUG EX. 8" WM
CLOSE VALVE & REMOVE BOX

STA. 1032+23, 10'LT
PROPOSED 12"X8" TAPPING SLEEVE
8" TAPPING VALVE W/BOX
(2) 8" 90° BENDS
ROUND HOUSE BEGIN DIRECTIONAL DRILL

PROPOSED 55LF OF 8" TR FLEX DIP WM BY DIRECTIONAL DRILL

STA. 1027+73, 16'LT
PROPOSED 6"X6" ANCHOR TEE
6" GATE VALVE W/BOX

METHOD # 1

SUNSET PARK DISTRIBUTION LINE REPLACEMENT (WEST)

PLAN & PROFILE

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100% PLANS
WORK ORDER NO. 8407
RECORD DRAWING NO.
ATLAS PAGE KB-4}

REMOVAL OF EXISTING FITTINGS

PROPOSED 470LF OF 6" HDPE WATER MAIN VIA PIPE BURST

BEGIN PIPE BURSTING SEGMENT

STA. 1150+29, 24'LF

PROPOSED 6" 90° BEND

6" GATE VALVE W/ BOX

5 1/2" DINS HYPFRANT

METHOD # 2

REMOVE ALL EXISTING FITTINGS

VALVE & BOX

REMOVAL OF EXISTING HYDRANT

VALVE & BOX

REMOVE EXISTING HYDRANT ASSEMBLY

VALVE & BOX

PROPOSED ATUFL OF 6" HOPE WATER MAIN VIA PIPE BURST

APPROXIMATE ORANGE "O" PROPOSED WATER MAIN

SUNSET PARK DISTRIBUTION LINE REPLACEMENT (WEST)

PLAN & PROFILE
WARNING FUEL PIPELINE
(813) 839-0426
SIGN SOUTH OF THIS LOCATION INDICATES ABANDON JET FUEL LINE TAMPA AIRPORT.

STA. 1160+80, 6'LT
PROPOSED 12" X 6" TAPPING SLEEVE
6" TAPPING VALVE W/BOX

STA. 1160+30, 25'LT
PROPOSED 6" 22° BEND

STA. 1157+25, 22'LT
PROPOSED 6"X6" ANCHOR TEE
6" GATE VALVE W/BOX

STA. 1157+20, 22'LT
PROPOSED 9/16" ANCHOR TEE
6" GATE VALVE W/BOX
5.5" DING HYDRANT METHO #1

MATCHLINE - SEE SHEET 41
FOR CONTINUATION SEE SHEET 34

APPROXIMATE GRADE @ PROPOSED WATER MAIN

PLAN & PROFILE
SUNSET PARK DISTRIBUTION LINE REPLACEMENT (WEST)
NOTES:
1. TRENCH IS DEFINED AS A FLAT-BOTTOM TRENCH. LIGHTLY CONSOLIDATE BACKFILL TO CENTERLINE OF PIPE.
2. THIS STANDARD SHALL BE UTILIZED IN THE ABSENCE OF SPECIFIC STANDARDS. THE STANDARD OF THE AGENCY CONTROLLING THE RIGHT-OF-WAY SHALL GOVERN UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.
3. SUITABLE BACKFILL SHALL BE DEFINED AS MATERIAL FREE FROM CINDER, ASHES, REFUSE, CLAY, ORGANIC MATTER, BOULDERS, ROCKS OR STONES, OR OTHER MATERIAL THAT IN THE OPINION OF THE CITY ENGINEER IS UNSUITABLE.
4. NON-PERVIOUS AREAS SHALL MEAN ANY CONCRETE OR ASPHALT CURB, SIDEWALK, TRAIL, DRIVEWAY, OR ROADWAY.

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NOTES:
1. FIRE HYDRANT DAVIES ABOVE GROUND LEVEL SHALL BE PAINTED WITH A HIGH-GLOSS ENAMEL PAINT, FEDERAL SAFETY YELLOW 703A INT们ROD, AND THE HYDRANT MARKET SHALL BE PAINTED ORANGE GREEN.
2. CONCRETE CMAX MAY BE EMBOSSED IN A MANNER WHERE HYDRANT IS SET IN SIDEWALK AND EMBOSSED HAS BEEN INSTALLED PRIOR TO FINAL ACCEPTANCE OF THE HYDRANT.
3. THUS ANY RESTRAINT FOR HYDRANT.
4. PROTECTION POSTS ARE REQUIRED WHEN HYDRANT IS LESS THAN FEET FROM EDGE OF FENCE, OR AS DIRECTED BY THE ENGINEER.
5. FOR PVC MIVAS INSTALL CONCRETE SUPPORT BLOCK UNDER AN HYDRANT TAP.

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