PLAIN CITY CORPORATION

PUBLIC WORKS STANDARDS

JUNE 2008

SUBMITTED & RECOMMENDED

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WASATCH CIVIL CONSULTING ENGINEERING

APPROVALS

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Diane HIRSCHI  CITY RECORDER

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STREET INTERSECTION DETAIL

- CONC. SIDEWALK (TOP)
- K.G.W. / PROPERTY LINE
- EXPANSION JOINTS (TOP)
- COLD JOINTS
- STREET LIGHT POLE & WIST (LOCATION: ELEVATION 1000', TOP INTERSECTION)
- STREET MONUMENT (SEE SHEET #7)
- LID VALVES ON PROPERTY LINE EXPANSION (TOPICAL)
- COLD JOINT EXPANSION JOINTS (TOPICAL)
- COLD JOINTS
- STREET MONUMENT (SEE SHEET 4)
- LID VALVES ON PROPERTY LINE EXPANSION (TOPICAL)
- COLD JOINTS
- STREET MONUMENT (SEE SHEET #4)

NOTE:
- COLD JOINTS & EXPANSION JOINTS (TOPICAL)

THE NUMBER OF VALVES REQUIRED AT EACH INTERSECTION SHALL BE DETERMINED BY THE ENGINEERING STAFF.

WHEN LOCATING STREET LIGHTING, A MINIMUM DISTANCE BETWEEN MAIN AND CABLE IS RECOMMENDED. When locating street lighting, a minimum distance between main and cable is recommended. When locating street lighting, a minimum distance between main and cable is recommended. When locating street lighting, a minimum distance between main and cable is recommended. When locating street lighting, a minimum distance between main and cable is recommended. When locating street lighting, a minimum distance between main and cable is recommended. When locating street lighting, a minimum distance between main and cable is recommended. When locating street lighting, a minimum distance between main and cable is recommended. When locating street lighting, a minimum distance between main and cable is recommended. When locating street lighting, a minimum distance between main and cable is recommended. When locating street lighting, a minimum distance between main and cable is recommended. 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TAPPING INTO EXISTING CONCRETE PIPE

Note: PVC pipe fitting A.S. D-1139 with an S.D.R. of 33

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PVC joints of rubber pipe must comply with A.S. D-1183

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Tapping into existing pipe & connecting
sadles to be approved by city engineer

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CONNECTING INTO EXISTING WYE OR TEE

Note: All work within the City's right of way to be performed
by a licensed contractor by all applicable permits.

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TYPICAL TRENCH SECTION

Note: PVC pipe fitting A.S. D-1139 with an S.D.R. of 33

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GROUND SURFACE

PIECE MUST LEVEL

COMPACT

TRENCH BOTTOM TO BE SMOOTH AND FREE FROM

LARGE STONES, CONCRETE BLOCKS, OR FOREIGN

OBJECTS. EXCAVATION SOIL MUST BE LEFT IN

PLACE. EXCAVATION MUST BEveled SOILS TO BE

REMOVED. A SLOPE OF 1:3 IS RECOMMENDED.

TRENCH BOTTOM TO BE SMOOTH AND FREE FROM

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STANDARD FRAME & GRATE

NOTE:
1. Type "A" frame & grate shall be the supply.
   - TBD to determine type of frame & grate
2. Bicycle-safe grate required.
3. Frame & grate shall be pre-approved
   and manufactured in accordance with
   A5.3.1&2.133 specifications

CURBLESS INLET

NOTE:
1. All joints are to be formed inside &
   cut flush to the bottom of the
city prior to placing concrete.
2. City engineer shall specify which
   grates (either type "A" or "B")
   are to be installed in each individual
   catch basin structures.