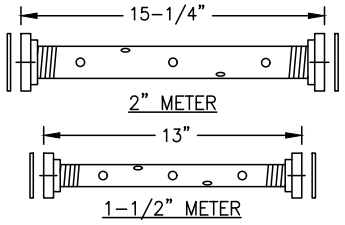
ITEM	DESCRIPTION
1	METER BOX SHALL HAVE A MIN. OF 17" x 36" INTERIOR DIMENSIONS.
2	METER SPACER (SEE METER SPACER DETAIL) SCH 80 PVC NPT PIPE NIPPLE WITH 5 EA. x 1/4" DIA. HOLES THROUGH BOTH SIDES, WITH METER FLANGE x FIP ADAPTER EACH SIDE (SIZE PER METER).
3	2" NPT GATE VALVE W/2" SQ. OPERATING NUT.
4	2" BRONZE SADDLE.
5	2" x 2" COMP x METER FLANGE ANGLE METER STOP, PROVIDE 2" x 1-1/2" FLG x FLG ADAPTER FOR 1-1/2" METER.
6	NPT BRASS BALL VALVE (DIA. PER METER).
7	2" x 6" NPT BRASS NIPPLE.
8	2" MIP x COMP COUPLING.
9	24" NPT BRASS SERVICE TAIL AND CAP (DIA. PER METER).

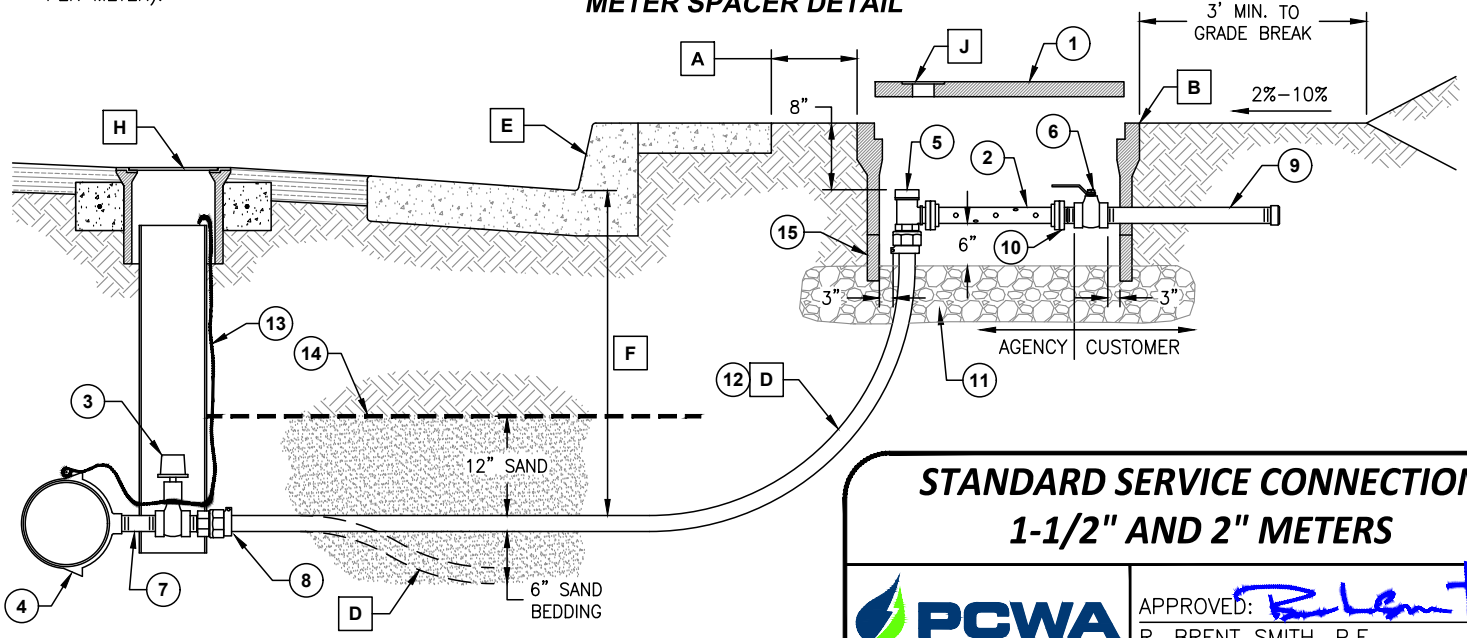
ITEM	DESCRIPTION
10	METER FLANGE x MIP ADAPTER (DIA. PER METER).
11	6" OF 3/4" CRUSHED ROCK EXTENDING 6" ON ALL SIDES. MIN. 6" SEPARATION BELOW METER.
12	2" TYPE "K" COPPER OR BRASS.
13	LOCATING WIRE.
14	12" WIDE WARNING TAPE.
15	B40 METER BOX EXTENSION (8" DEEP MIN.).



METER SPACER DETAIL

NOTES:

A	6" FROM BACK OF WALK OR 6" FROM BACK OF CURB WHERE SIDEWALK IS NOT PROPOSED.
B	INSTALL METER BOX LEVEL, FLUSH WITH FINISHED GRADE. WHERE GRADE SLOPES EXCEED 10%, PROVIDE WALL PER S205.
C	METER TO BE PROVIDED AND INSTALLED BY AGENCY.
D	ADJUST DEPTH AS NECESSARY FOR 24" RADIUS INTO BOX.
E	MARK 2" HIGH "W" IN CURB FACE @ CENTERLINE OF SERVICE.
F	30" MIN. COVER EXCEPT 24" MIN. COVER AT FLOW LINE OF GUTTER OR EP WITHOUT GUTTER.
G	BYPASS REQUIRED ON ALL COMMERCIAL SERVICES, SEE STD DWG S203.
H	VALVE BOX AND WELL INSTALLATION, SEE S106.
I	ALL METER BOX AND LIDS FOR 1-1/2" AND 2 INCH METERS SHALL BE MADE OF "FIBRELYTE", A POLYMER CONCRETE MATERIAL.
J	ERT HOLE SHALL BE 1-15/16" DIA. WITH 2-1/2" x 3/16" RECESS. CONTRACTOR TO INSTALL ERT HOLE PLUG.
K	ALL METER BOXES SHALL BE SET OUTSIDE OF PEDESTRIAN OR VEHICLE AREAS.



SEE APPENDIX D FOR A PRE-APPROVED MATERIALS LIST.

STANDARD SERVICE CONNECTION 1-1/2" AND 2" METERS

DRAWING NO. **S202**

PCWA

APPROVED: D

R. BRENT SMITH, P.E.
DIRECTOR OF TECHNICAL SERVICES

REVISION DATE **JUNE 12, 2020**