DOUBLE METER BOX
CARSON 1220-12 BLACK
METER BOX WITH 2/6 MSHI F
CVR CAST IRON READER

1" X 3/4" BRASS
REDUCER BUSHING
1" BRASS GATE VALVE
1" PVC MALE ADAPTER

(2) SHORT SPUDS
(2) PVC 90° BENDS
GROUND

IRRIGATION SERVICE

(2) PVC 90° BENDS
5/8" X 3/4" METER

SECTION A-A

PRIVATE BACK FLOW
PREVENTER (PLACEMENT MAY
VARY; MUST BE DOWNSTREAM
OF SUBTRACT METER, NOT
NECESSARILY IN EASEMENT
OR R-O-W)

MIN 3" CLEARANCE
FROM ANY FIXTURE
TO ANY SIDE OF BOX

SUBTRACT METER ASSEMBLY
SEE SECTION A-A

1" BRASS GATE VALVE
1" PVC TEE

EXISTING 3/4" OR 1" SPLIT
DOMESTIC SERVICE CONNECTION
AND PRIMARY METER ASSEMBLY

NOTES:
- BEYOND THE PRIMARY DOMESTIC METER ASSEMBLY, CFPUA IS ONLY RESPONSIBLE
  FOR METER AND WASHERS OF SUBTRACT METER ASSEMBLY
- ALL PIPE AND FITTINGS UP TO FINAL SERVICE LINE TO BE 1" EXCLUDING METERS

PLAN VIEW
DOUBLE SERVICE CONNECTION USING SUBTRACT METER
(MULTIPLE DOMESTIC SERVICES PER TAP)

CORPORATION STOP
McDONALD SERVICE STOP
MODEL 470B-22 OR
EQUIVALENT WITH
STAINLESS STEEL
STIFFENERS MCDONALD
MODEL 5133T.

(2) 5/8" X 3/4" METERS

WATER MAIN

DOMESTIC SERVICE

IRRIGATION SERVICE

McDONALD MODEL 08U2M U-BRANCH
W/ STAINLESS STEEL STIFFENERS
McDONALD MODEL 6133T

(2) 3/4" SERVICE ANGLE STOP:
SHALL BE MCDONALD MODEL
46046 OR APPROVED EQUIVALENT

PLAN VIEW
DOUBLE SERVICE CONNECTION
(ONE DOMESTIC SERVICE PER TAP)

DOUBLE SERVICE CONNECTION
IRRIGATION SUBTRACT METER
STANDARD DETAILS

CAPE FEAR PUBLIC UTILITY AUTHORITY
255 GOVERNMENT CENTER DRIVE
WILMINGTON, NC 28403
OFFICE: (910)332-6580

Stewardship, Sustainability, Service.

A: Drawn by: N/A
B: Checked by: DRS
C: Project No.: 1
D: Sheet No.: 1/1
E: Date: 5/31/12
F: Scale: N/A
G: Date/Time: 5/12/2012 12:51:19 PM