

BENCH MARK:  
70" IN IOWA ON TOP OF FIRE  
HYDRANT AT NW CORNER OF  
INTERSECTION OF 228TH ST SW  
AND 44TH AVE W  
ELEVATION: 416.84  
DATE: MSL

228TH ST. S.W.

SEE DETAIL #2  
TO RIGHT

PROTECT EXISTING

EX. 8" STEEL WATER

10' WIDE WATER EAS

PAO #3  
AS BUILT  
F.F. 412

100 LF 6" PVC  
SANITARY  
S=3.64%

C.O. RIM=411.4  
IE=405.2

C.O. RIM=405.5 (MATCH EX)  
IE=401.56

MAINTAIN 6' MIN SEPARATION  
FROM STORM/CB

SEE SHEET C-3 FOR PAVEMENT SECTION  
AND PIPE BEDDING DETAILS

100 LF 6" PVC  
SANITARY  
S=3.64%

C.O. RIM=402.4 (MATCH EX)  
IE=397.92

2 1/2" AUTO SPRINKLER  
CONNECTION AT 30' AB  
BALLDRIIP DRAIN AT 50'  
OF RISE TO FDC  
DRAIN TO GRAVEL

C.O. RIM=399.9 (MATCH EX)  
IE=394.28

MAINTAIN 10' MIN SE  
SANITARY TO WATER

85 LF 6" PVC SANITARY S=1.55%

FOR WATER CONNECTION  
SEE DETAIL #1 ON  
SHEET C-4

C.O. RIM=398.0 (MATCH EX)  
IE=391.69

PROPOSED SADDLE MH  
PER MLT STD DET #36A  
RIM=394.2 (MATCH EX)  
IE=390.98 - 6"  
IE=390.76 - 8"

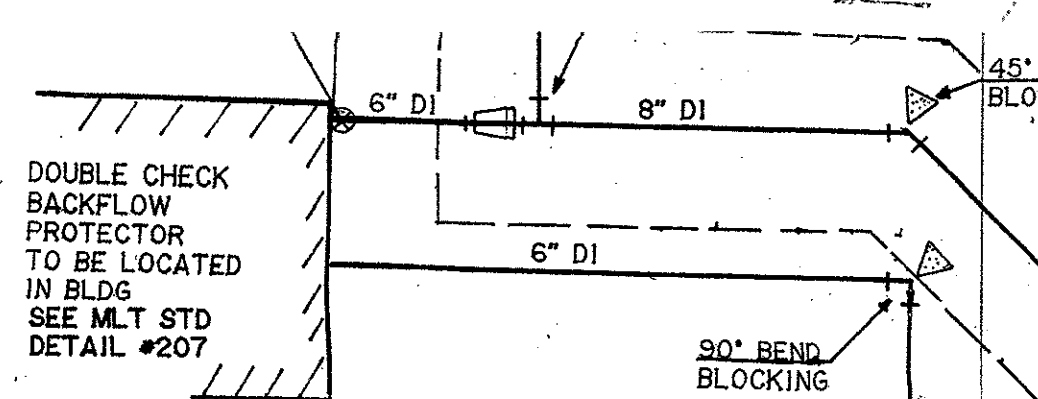
EX SAN MH  
RIM=395.5  
IE=391.26

NOTE: ALL PLANTER AREAS DISTURBED DURING  
CONSTRUCTION MUST BE RESTORED TO  
MEET CITY OF MOUNTLAKE TERRACE  
TYPE I PERIMETER LANDSCAPING  
MINIMUM REQUIREMENTS.

SANITARY SEWER AS BUILT  
PAO #3

John's Copy

Note: Not to scale  
Storm+Sanitary Sewer as built  
Drawn by [signature]



DOUBLE CHECK  
BACKFLOW  
PROTECTOR  
TO BE LOCATED  
IN BLDG  
SEE MLT STD  
DETAIL #207

90° BEND  
BLOCKING

NUMBER  
REV LTR

South Wall

SANITARY SEWER AS BUILT  
PAO #3 TO PAO #1

CB #4  
IE = 404.20  
Rim EL. Match Ex.

CB #3  
IE = 395.50  
Rim EL. 378.7

NOT  
VISIBLE  
DMS  
4/24/99

12" ST. S. ± 46' S = 1.1%

Bank  
PAO #1

CB #2  
IE = 395.01  
Rim EL. = 378.8

? APPROVED BY GREEN BEED?  
DMS 4/24/99

Not to scale  
Drawn by [signature]

Feb 23-99 P.M. Rain  
Rod 4.11  
HI 418.98  
(Storm Sewer)  
(Clean Out)  
FL. EL. 411.54

TBM N.E. cor. bldg.  
rail in asphalt  
EL. = 414.57

Area Drain #1 inlet EL. = 411.40  
Rim EL. = 413.31

Area Drain #2 inlet EL. = 411.20  
Rim EL. = 413.12

Area Drain #3 inlet EL. = 410.89  
Rim EL. = 412.83

Area Drain #4 inlet EL. = 410.21  
Rim EL. = 412.15

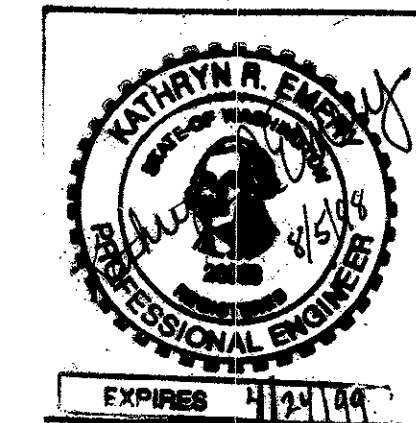
General Notes

1. Sleeve all water line construction through retaining walls. Minimum sleeve diameter is 2x pipe size.
2. Prior to any work in the right of way, the Contractor must submit a traffic control plan to the City of Mountlake Terrace Engineering Department for review and/or approval, and obtain a Street Invasion Permit.
3. A minimum of one driveway shall remain open to the shopping center at all times.
4. All ductile iron pipe shall be Class 52.
5. Replace existing curb and sidewalk in right of way where disturbed by utility work per City of MLT Std. Plan #103 and #101.
6. It is the Contractor's responsibility to protect existing site improvements, pavement, and utilities until all site work is complete and written approvals received from the City of Mountlake Terrace. For duration of the Contractor's activities, the Contractor is responsible for the condition of, and must replace and/or repair to the satisfaction of the City, any existing utility, pavement, appurtenance, or feature, which is disturbed or destroyed as a result of the Contractor's work.
7. Contractor shall provide the City with "as-built" drawings of the sanitary sewer, including connections, pipe sizes, and deviations from plan prior to final approvals.

8. CONTRACTOR SHALL INSTALL AND MAINTAIN ANY AND ALL EROSION CONTROL MEASURES AS NEEDED, OR WHEN WEATHER CONDITIONS DICTATE, TO PROTECT EXISTING UTILITIES, TO MAINTAIN A CLEAN SITE OR TO MAINTAIN CLEAN AND OPERATIONAL PUBLIC OR PRIVATE ROADWAYS, TO THE SATISFACTION OF THE CITY OR INSPECTIONS STAFF OR CITY ENGINEER, FOR THE DURATION OF THE WORK.

9. REFERENCE CITY OF MOUNTLAKE TERRACE STANDARDS:  
STD PLANS #301, 302, 302A, AND 303 FOR SEWER CLEANOUT DETAILS.

9 8/5/98 REV PER CITY  
8 7/17/98 REV PER CITY  
7 6/17/98 REV PER CITY  
6 5/6/98 REV PER CITY



NO	DATE	REVISION	BY
5	2/6/98	REV SANITARY LATERAL	
4	9/8/97	REV PER CITY	
3	7/31/97	REV PER CITY REVIEW	
2	12/17/97	ADDED DIMENSIONS PER CITY REVIEW	
1	6/1/96	REV PER CITY REVIEW	

CEDAR PLAZA

SCALE: 1"=40' APPROVED BY DATE: 3/20/98 DRAWN BY

SANITARY SEWER AS BUILT WATER AND SEWER 9/22/99

DRAWING NUMBER  
C-2A

237-98-1