

ENGINEERING SERVICES DEPARTMENT

EASTSIDE WATER MAIN & STORM DRAIN IMPROVEMENTS MLT PROJECT No. 2012-03

MAYOR

JERRY E. SMITH

CITY MANAGER

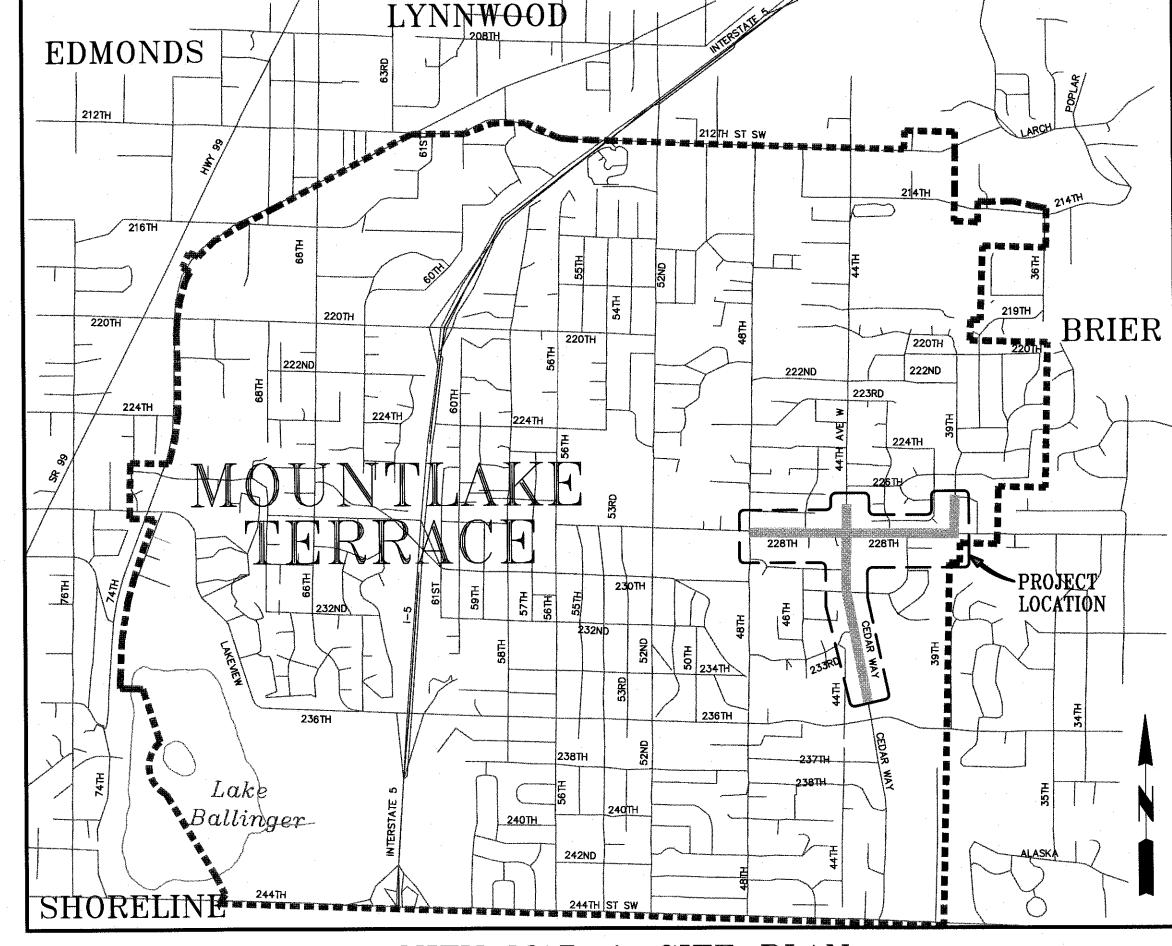
JOHN J. CAULFIELD

ENGINEERING SERVICES
DIRECTOR

WILLEM H. VAN RY, P.E.

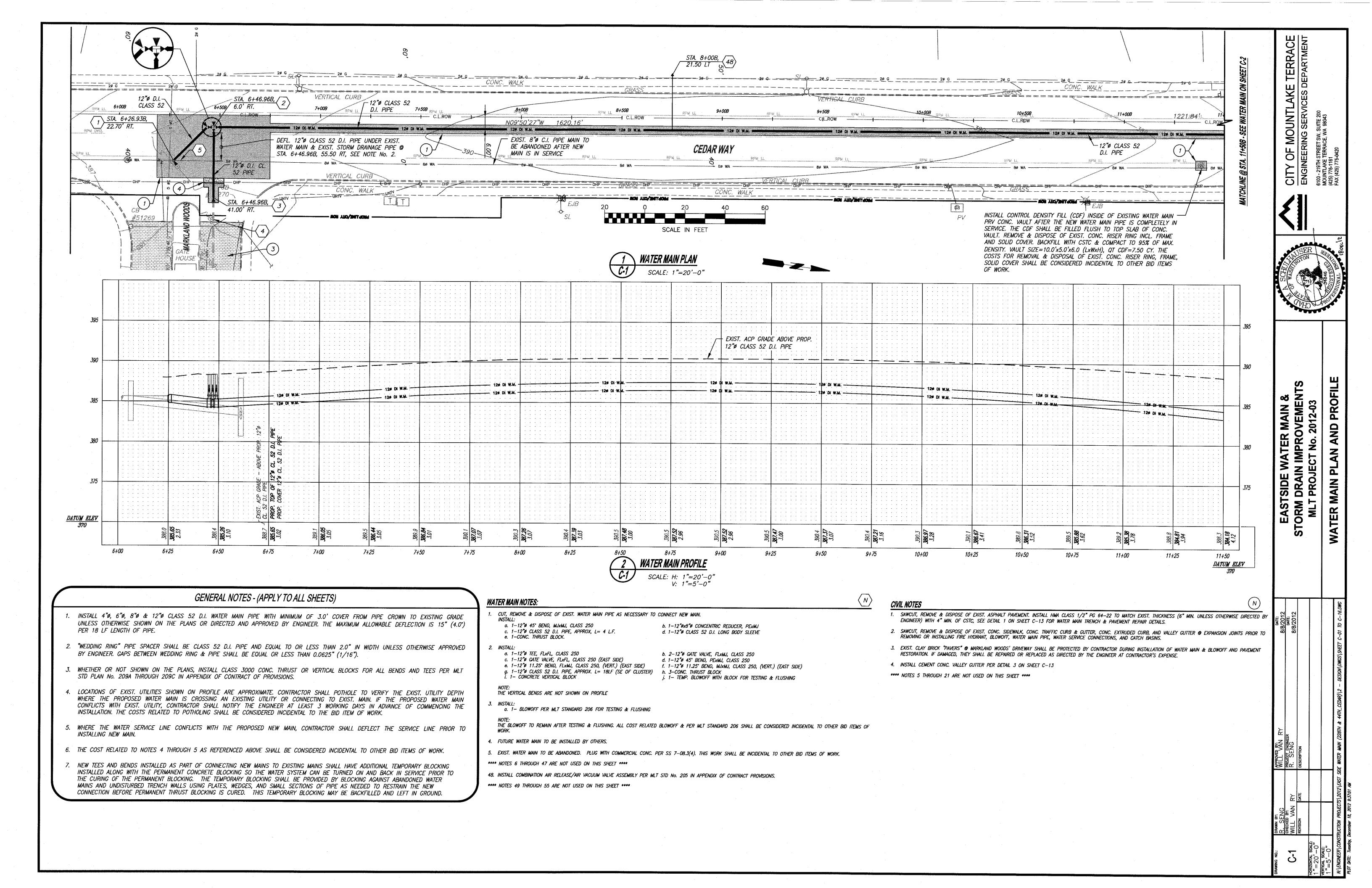
CITY COUNCIL

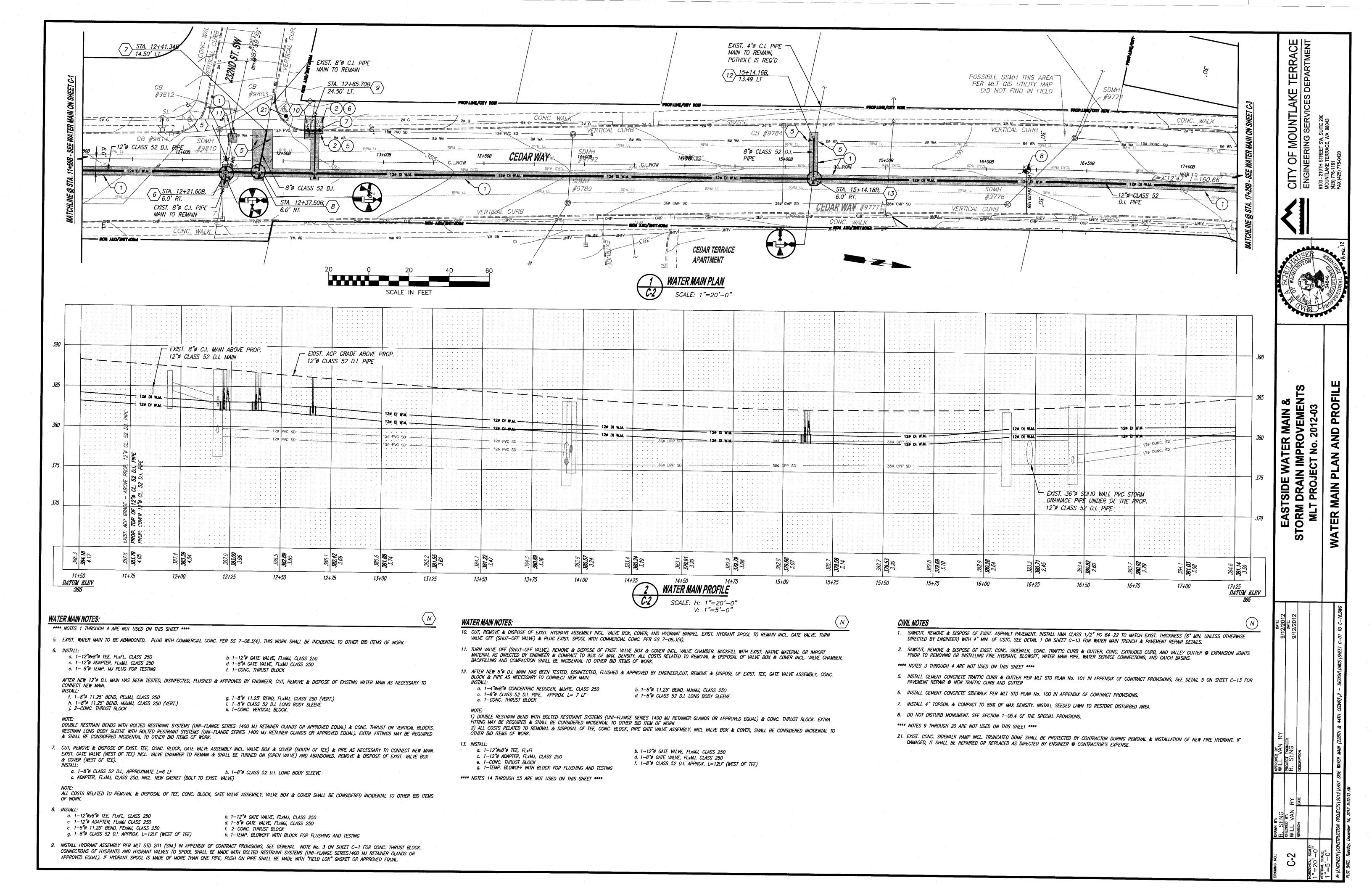
LAURA SONMORE, MAYOR PRO TEM BRYAN WAHL DOUG McCARDLE KYOKO MATSUMOTO WRIGHT RICK RYAN SEAUN RICHARDS

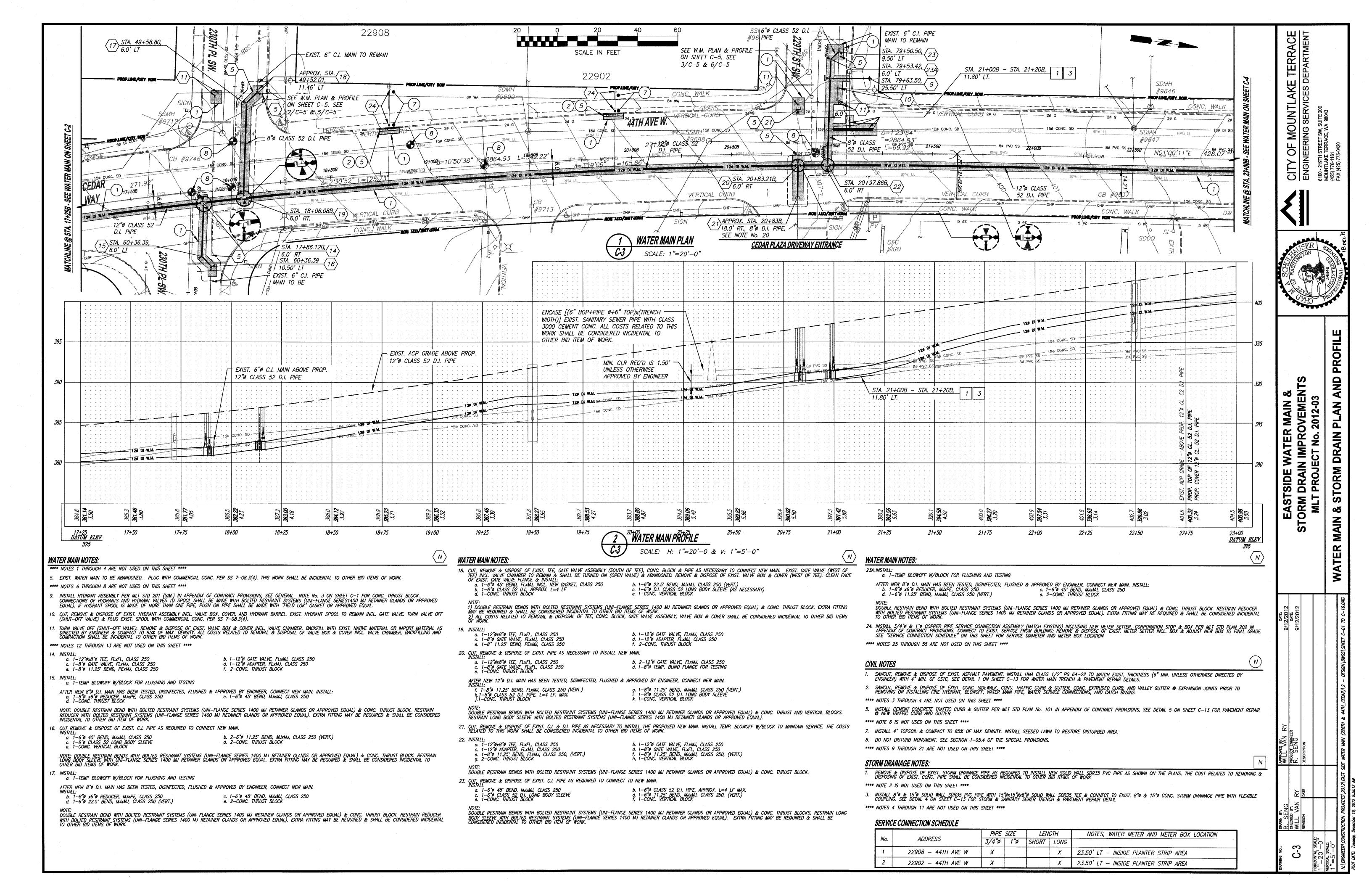


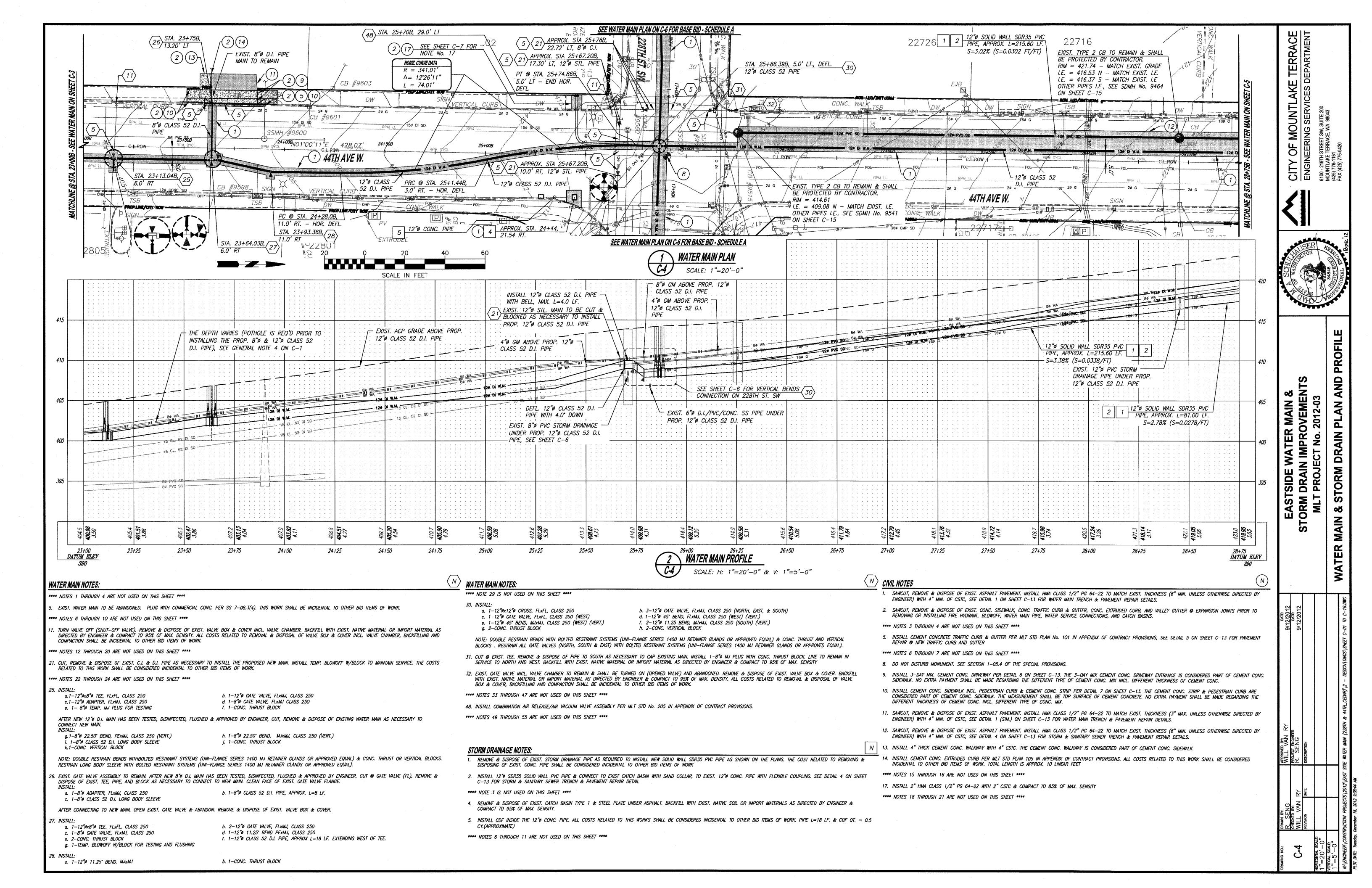
VICINITY MAP & SITE PLAN

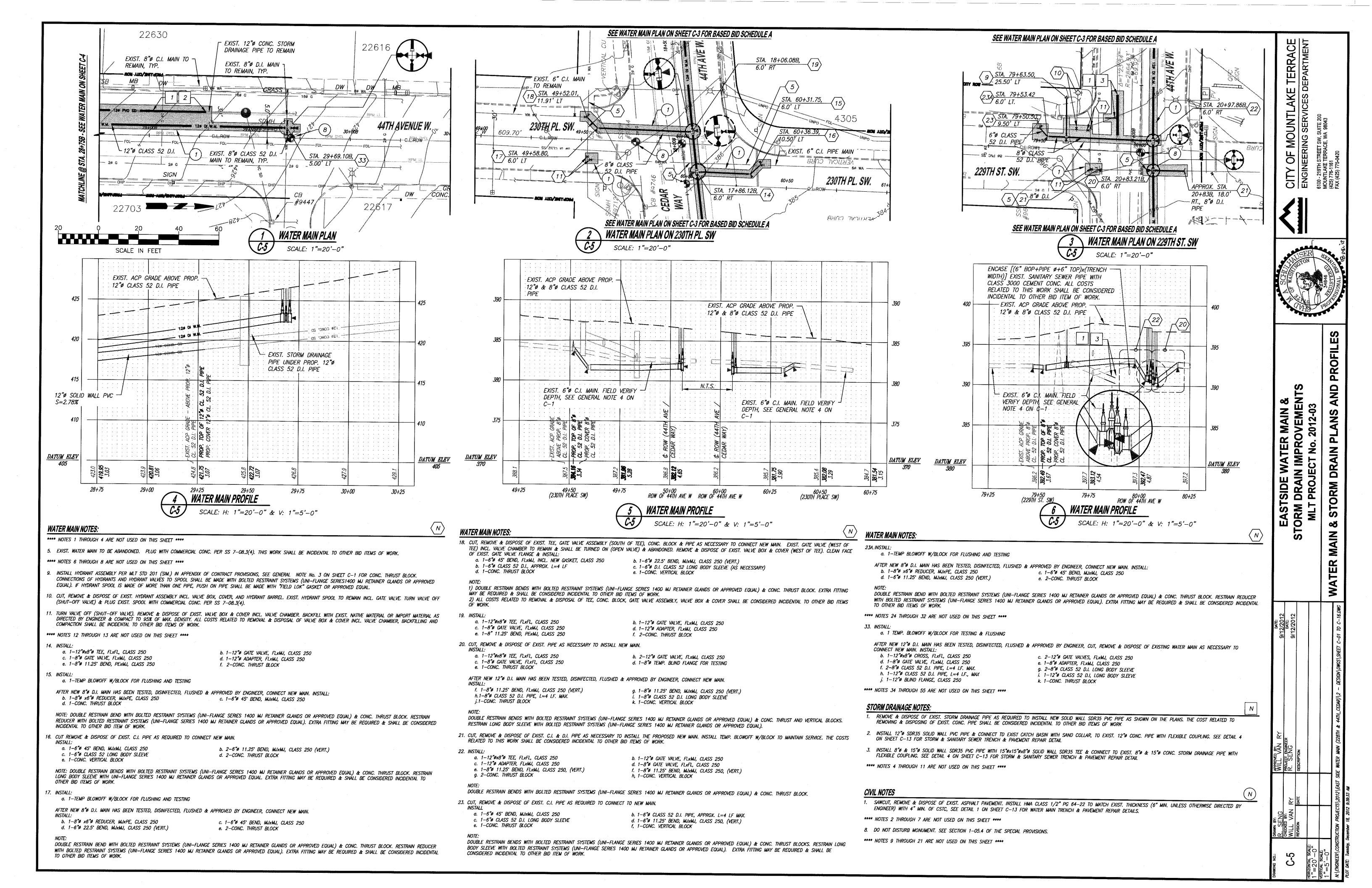
SHFFT TITLE	SHEET DESCRIPTION	SCHEDULES	SHEET NO.	SHEET TITLE	SHEET DESCRIPTION	SCHEDULES	SHEET NO.	SHEET TITLE	SCHEDULES	
		BASE BID SCHEDULE A	C-11	WATER MAIN & STORM DRAIN PLANS AND PROFILES	228TH ST SW - STA. 15+00A TO STA. 17+50A	ADDITIVE BID SCHEDULE C	C-21	CLASS A SIGNAGE PLAN	BASE BID SCHEDULE A	JANET HALL
		BASE BID SCHEDULE A	C-12	WATER MAIN PLAN AND PROFILE	39TH AVE W - STA. 49+75C TO STA. 55+50C	BASE BID SCHEDULE A				TRAFFIC ENGINEER
		BASE BID SCHEDULE A	C-13	MISCELLANEOUS DETAILS		FOR ALL SCHEDULES				ROTH SENG
		BASE BID SCHEDULE A & B	C-14	TOPO SURVEY BASE MAP DATUM, NOTES AND LEGEND	DATUM, NOTES & LEGENDS	FOR ALL SCHEDULES				PROJECT ENGINEER
		BASE BID SCHEDULE A & B	C-15	UTILITY INVERT AND STATION ELEVATIONS		FOR ALL SCHEDULES				TOM MOEHRLE
		BASE BID SCHEDULE A	C-16	TOPOGRAPHIC SURVEY BASE MAPS, TESC NOTES & DETAILS	44TH AVE & CEDAR WAY SURVEY / TESC — STA. 5+50B TO STA. 31+00B	FOR ALL SCHEDULES			7	CONSTRUCTION INSPECTOR
		BASE BID SCHEDULE A	C-17	TOPOGRAPHIC SURVEY BASE MAP, TESC NOTES & DETAILS	STA. 2+75A TO STA. 29+00A	FOR ALL SCHEDULES				CURT BREES
		BASE BID SCHEDULE A	C-18	TOPOGRAPHIC SURVEY BASE MAP, TESC NOTES & DETAILS	228TH ST SW SURVEY / TESC — STA. 29+00A TO STA. 34+70A 39TH AVE W SURVEY / TESC — STA. 50+00C TO STA. 55+50C	FOR ALL SCHEDULES				PUBLIC WORKS DIRECTOR
		ADDITIVE BID SCHEDULE C	C-19	DETOUR PLAN 1		FOR ALL SCHEDULES				WILLEM H. VAN RY
			C-20	DETOUR PLAN 2		FOR ALL SCHEDULES				ENGINEERING SERVICES DIRECTO
	SHEET TITLE WATER MAIN PLAN AND PROFILE WATER MAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLAN AND PROFILES WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN PLAN AND PROFILE WATER MAIN PLAN AND PROFILE WATER MAIN PLAN AND PROFILE	WATER MAIN PLAN AND PROFILE CEDAR WAY - STA. 6+20B TO STA. 11+50B WATER MAIN PLAN AND PROFILE CEDAR WAY - STA. 11+50B TO STA. 17+25B WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLANS AND PROFILES WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLAN AND PROFILE 228TH ST SW - STA. 28+25A TO STA. 22+25A WATER MAIN PLAN AND PROFILE 228TH ST SW - STA. 28+25A TO STA. 34+25A WATER MAIN PLAN AND PROFILE 228TH ST SW - STA. 3+00A TO STA. 9+00A	WATER MAIN PLAN AND PROFILE CEDAR WAY - STA. 6+20B TO STA. 11+50B BASE BID SCHEDULE A WATER MAIN PLAN AND PROFILE CEDAR WAY - STA. 11+50B TO STA. 17+25B BASE BID SCHEDULE A WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLANS AND PROFILES WATER MAIN & STORM DRAIN PLAN AND PROFILE 228TH ST SW - STA. 16+25A TO STA. 22+25A WATER MAIN & STORM DRAIN PLAN AND PROFILE 228TH ST SW - STA. 22+25A TO STA. 28+25A WATER MAIN PLAN AND PROFILE 228TH ST SW - STA. 28+25A TO STA. 34+25A WATER MAIN PLAN AND PROFILE 228TH ST SW - STA. 3+00A TO STA. 9+00A ADDITIVE BID SCHEDULE C	WATER MAIN PLAN AND PROFILE CEDAR WAY - STA. 6+20B TO STA. 11+50B WATER MAIN PLAN AND PROFILE CEDAR WAY - STA. 11+50B TO STA. 17+25B BASE BID SCHEDULE A C-12 WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLAN AND PROFILES WATER MAIN & STORM DRAIN PLAN AND PROFILES WATER MAIN & STORM DRAIN PLAN AND PROFILE 228TH ST SW - STA. 16+25A TO STA. 22+25A WATER MAIN & STORM DRAIN PLAN AND PROFILE 228TH ST SW - STA. 22+25A TO STA. 28+25A WATER MAIN PLAN AND PROFILE 228TH ST SW - STA. 28+25A TO STA. 34+25A WATER MAIN PLAN AND PROFILE 228TH ST SW - STA. 34+00A TO STA. 9+00A ADDITIVE BID SCHEDULE C C-20 C-20	SHEET TITLE WATER MAIN PLAN AND PROFILE CEDAR WAY - STA. 6+20B TO STA. 11+50B BASE BID SCHEDULE A C-11 WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN PLAN AND PROFILE CEDAR WAY - STA. 11+50B TO STA. 17+25B BASE BID SCHEDULE A C-12 WATER MAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLAN AND PROFILE CEDAR WAY - STA. 11+50B TO STA. 17+25B TO STA. 23+00B BASE BID SCHEDULE A C-13 MISCELLANEOUS DETAILS MISCELLANEOU	### MATER MAIN PLAN AND PROFILE #### MATER MAIN PLAN AND PROFILE ##### MATER MAIN PLAN AND PROFILE #### MATER MAIN PLAN AND PROFILE ##### MATER MAIN PLAN AND P	SHEET INTE SHEET DESCRIPTION SCHEDULE A ADDITIVE BID SCHEDULE A CEDAR WAY - STA. 6+20B TO STA. 11+50A ADDITIVE BID SCHEDULE A CEDAR WAY - STA. 6+20B TO STA. 11+50B ADDITIVE BID SCHEDULE A CEDAR WAY - STA. 15+00A TO STA. 11+50A ADDITIVE BID SCHEDULE A C-12 WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN & STORM DRAIN PLAN AND PROFILE CEDAR WAY / 44TH AVE W - STA. 17+25B TO STA. 23+00B BASE BID SCHEDULE A C-13 MISCELLANEOUS DETAILS WATER MAIN & STORM DRAIN PLAN AND PROFILE WATER MAIN PLAN AND PROFILE WATER	SHEET DESCRIPTION SCHEDULE SHEET DESCRIPTION SCHEDULE A C-11 WATER MAIN PLAN AND PROFILE CEDAR WAY - STA, 6+20B TO STA, 11+50B BASE BID SCHEDULE A C-12 WATER MAIN PLAN AND PROFILE GEDAR WAY - STA, 11+50B TO STA, 17+25B BASE BID SCHEDULE A C-13 WATER MAIN PLAN AND PROFILE WATER MAIN PLAN AND PROF	SHEET TITLE SHEET DESCRIPTION SOUTH DESCRIPTION SHEET DESCRIPTION SOUTH DESCRIPTION	SHELF ITTLE SHELF UNITER MANY PLAN AND PROPILE CEDAR WAY - STA, 6+208 TO STA, 11+508 BASE BID SCHEDULE A C-11 WATER MANY PLAN AND PROPILE CEDAR WAY - STA, 11+50B TO STA, 11+25B BASE BID SCHEDULE A C-12 WATER MANY PLAN AND PROPILE WATER MANY & STORM DRAIN PLAN AND PROPILE WATER MANY A STORM DRAIN PLAN AND PROPILE WATER MANY A STORM DRAIN PLAN AND PROPILE WATER MANY A STORM DRAIN PLAN AND PROPILE WATER MANY PLAN AND PROPILE WATER

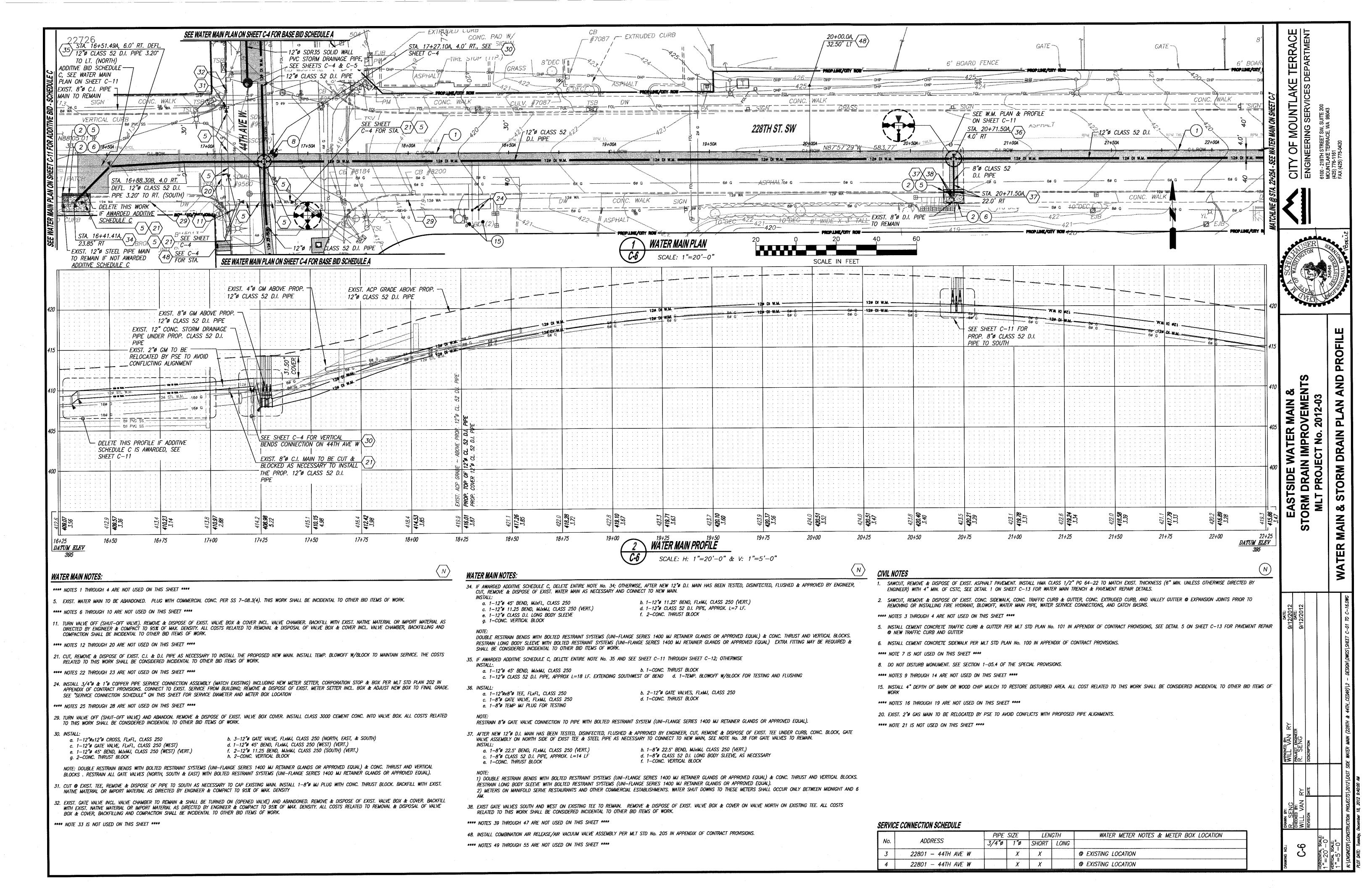


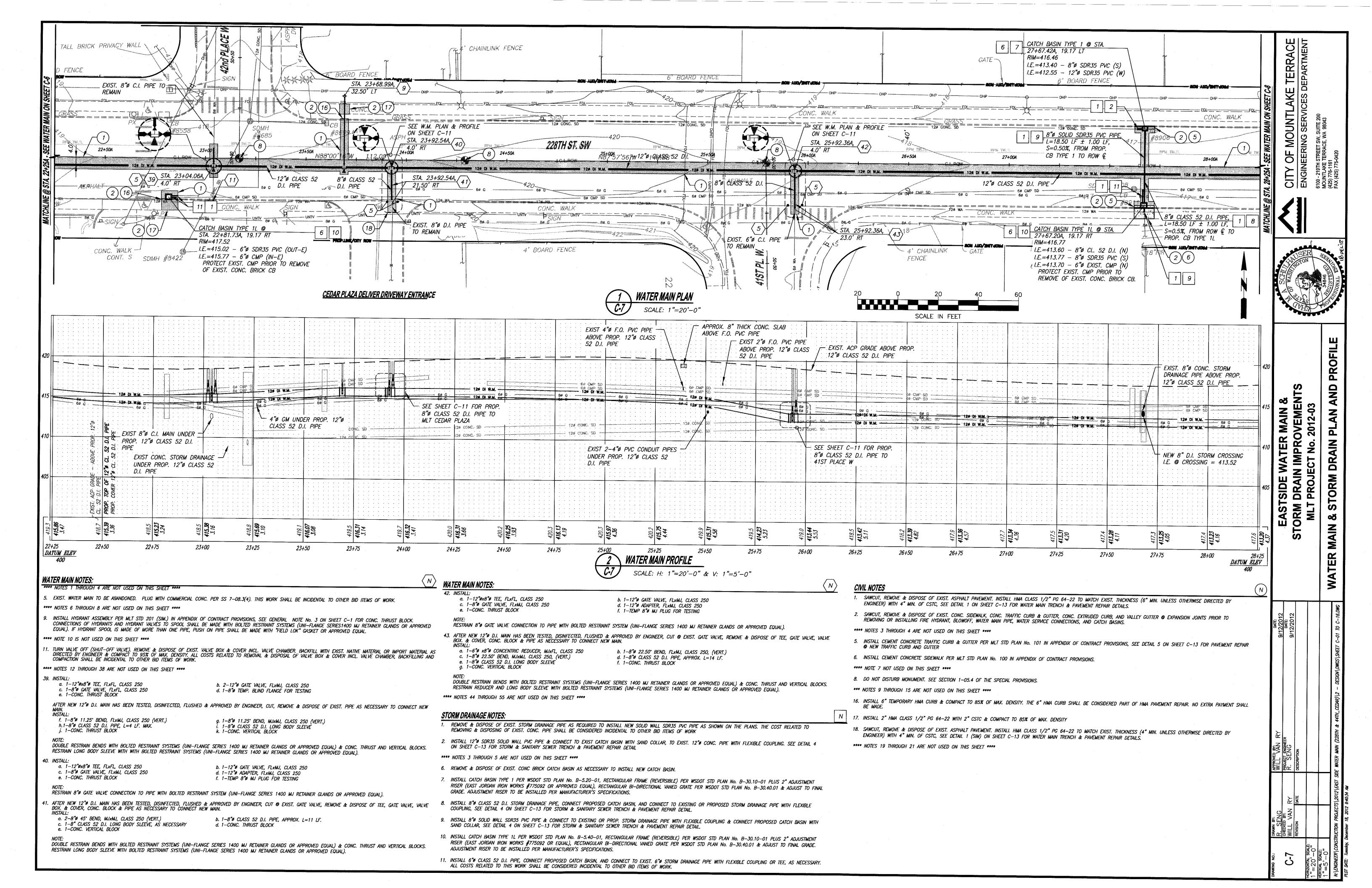


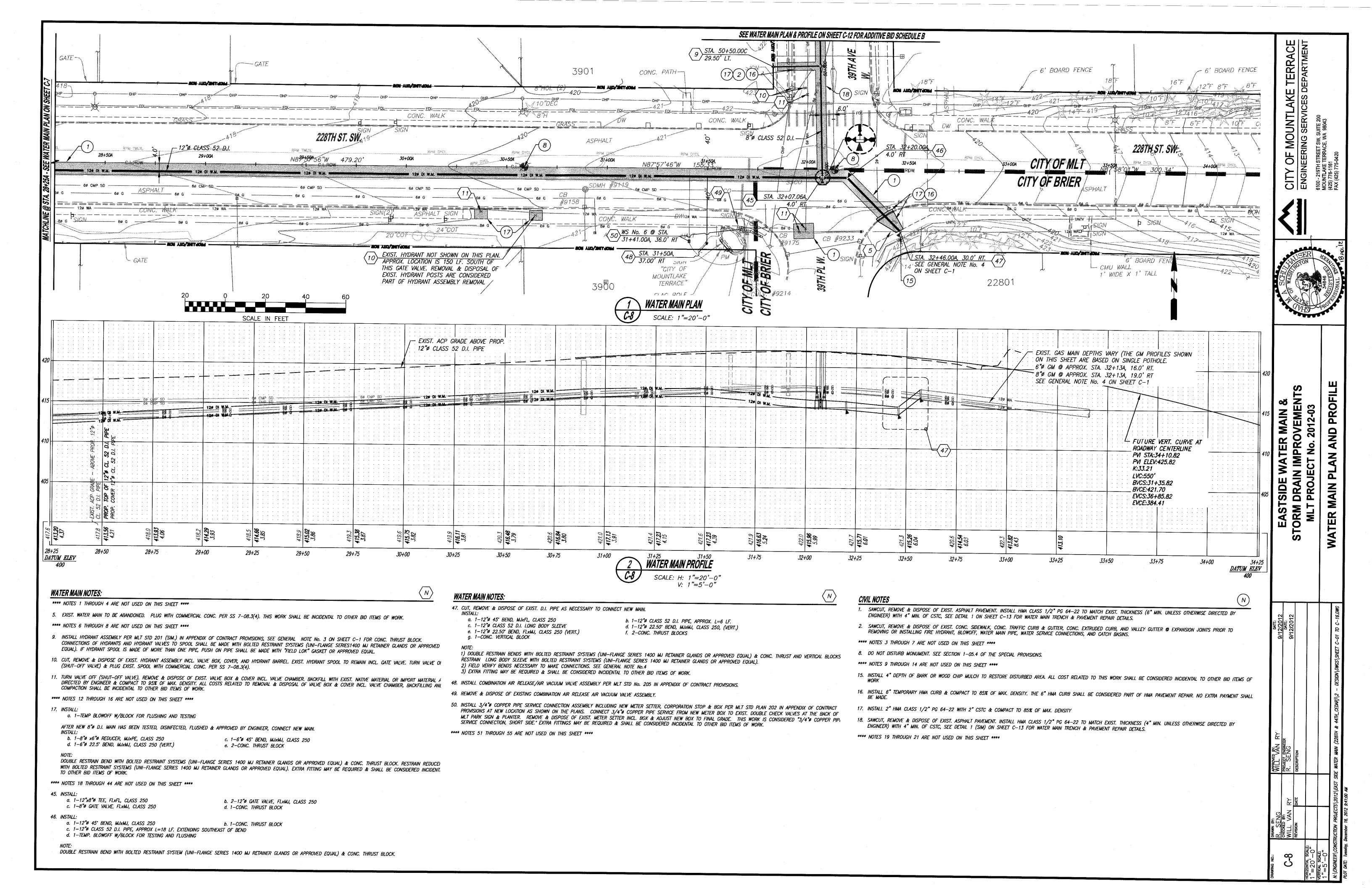


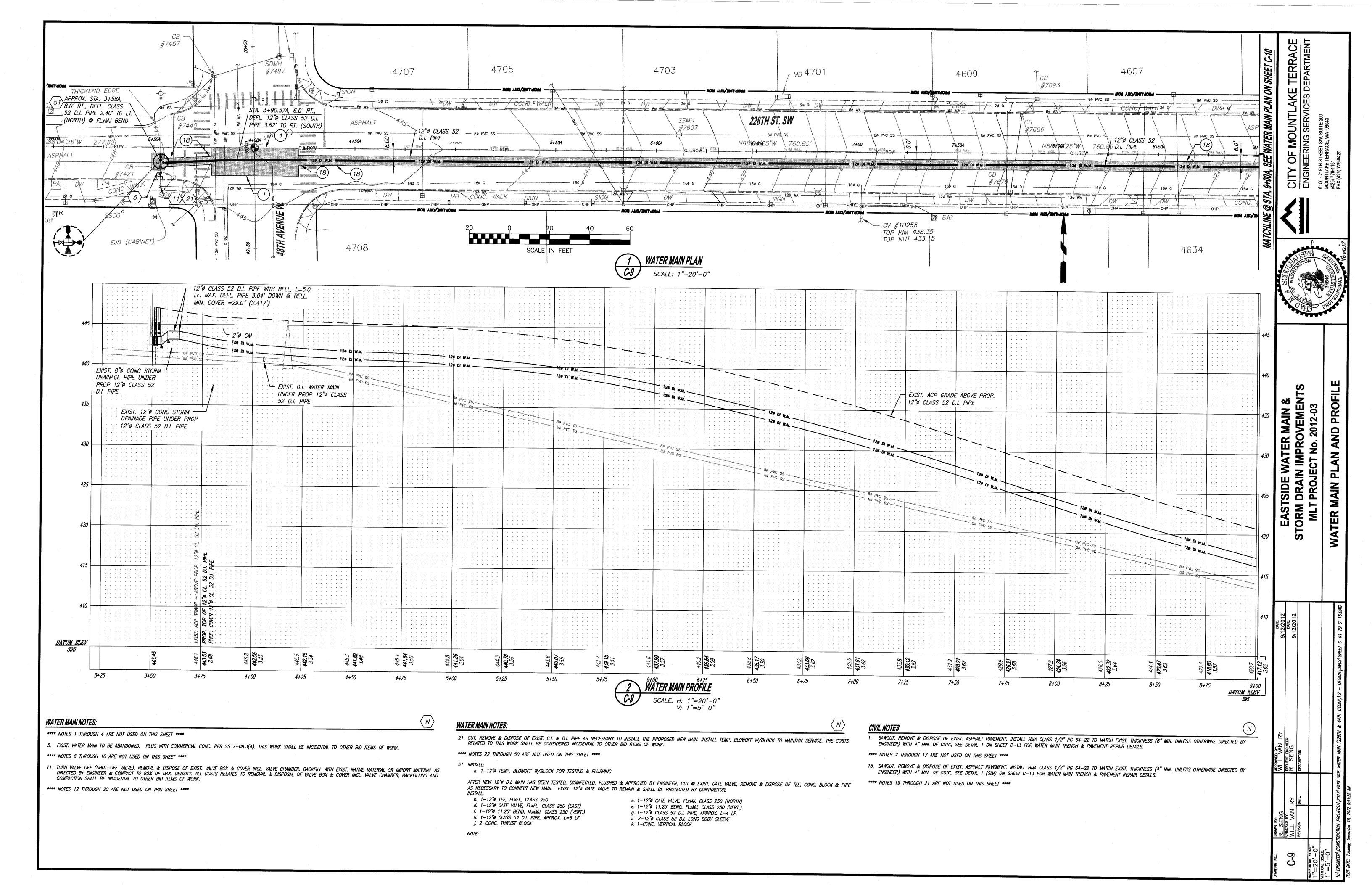


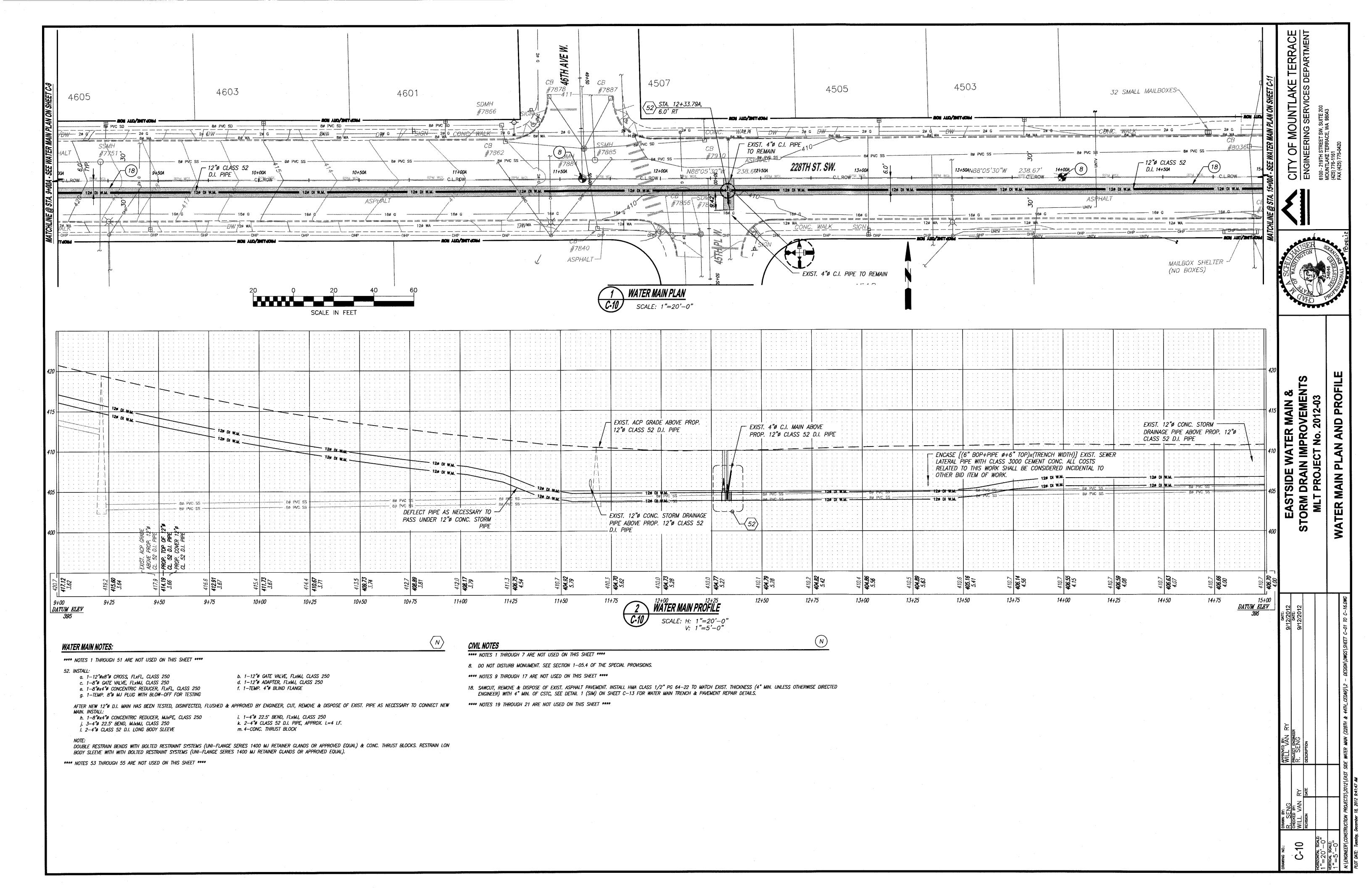


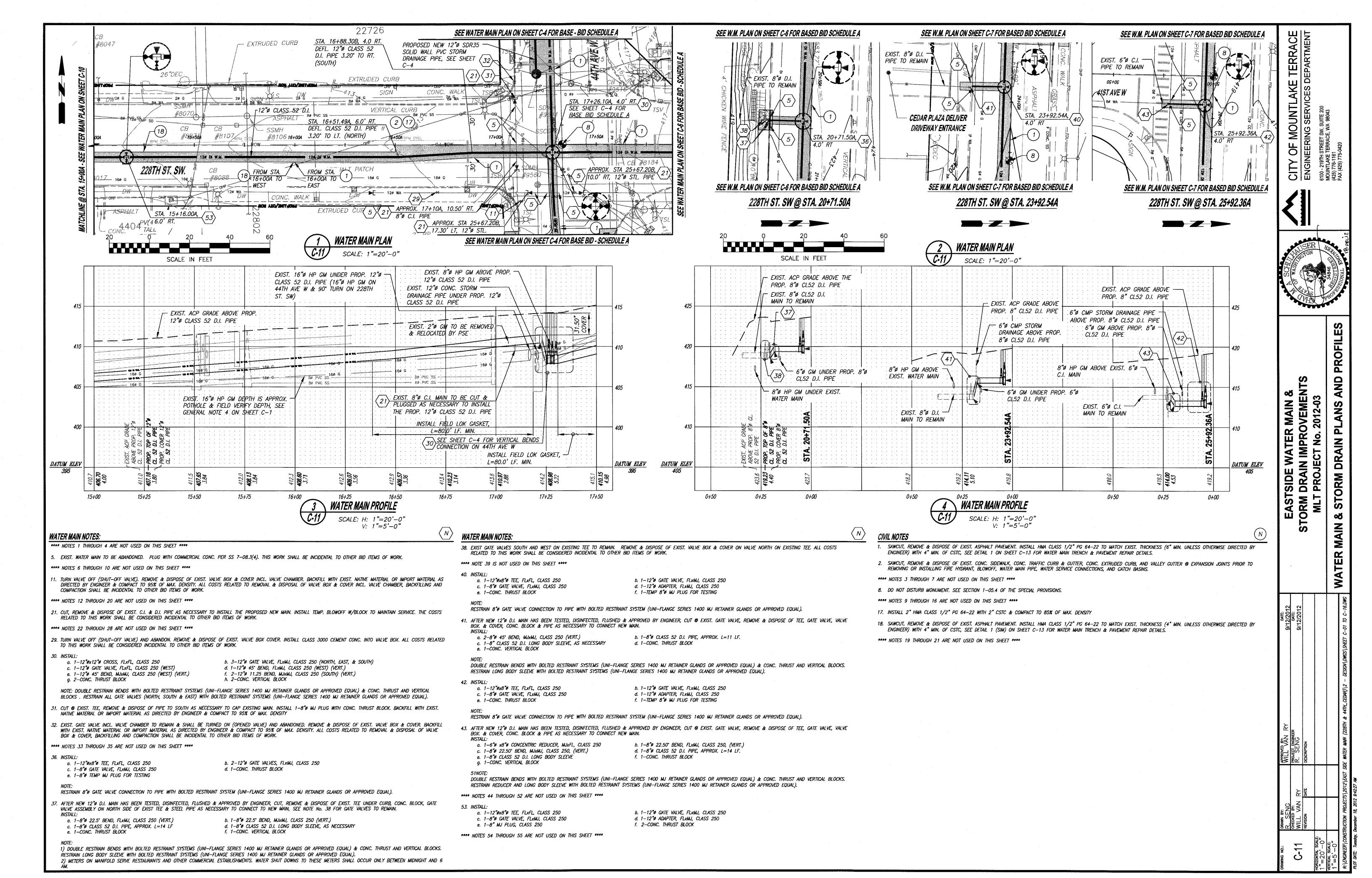


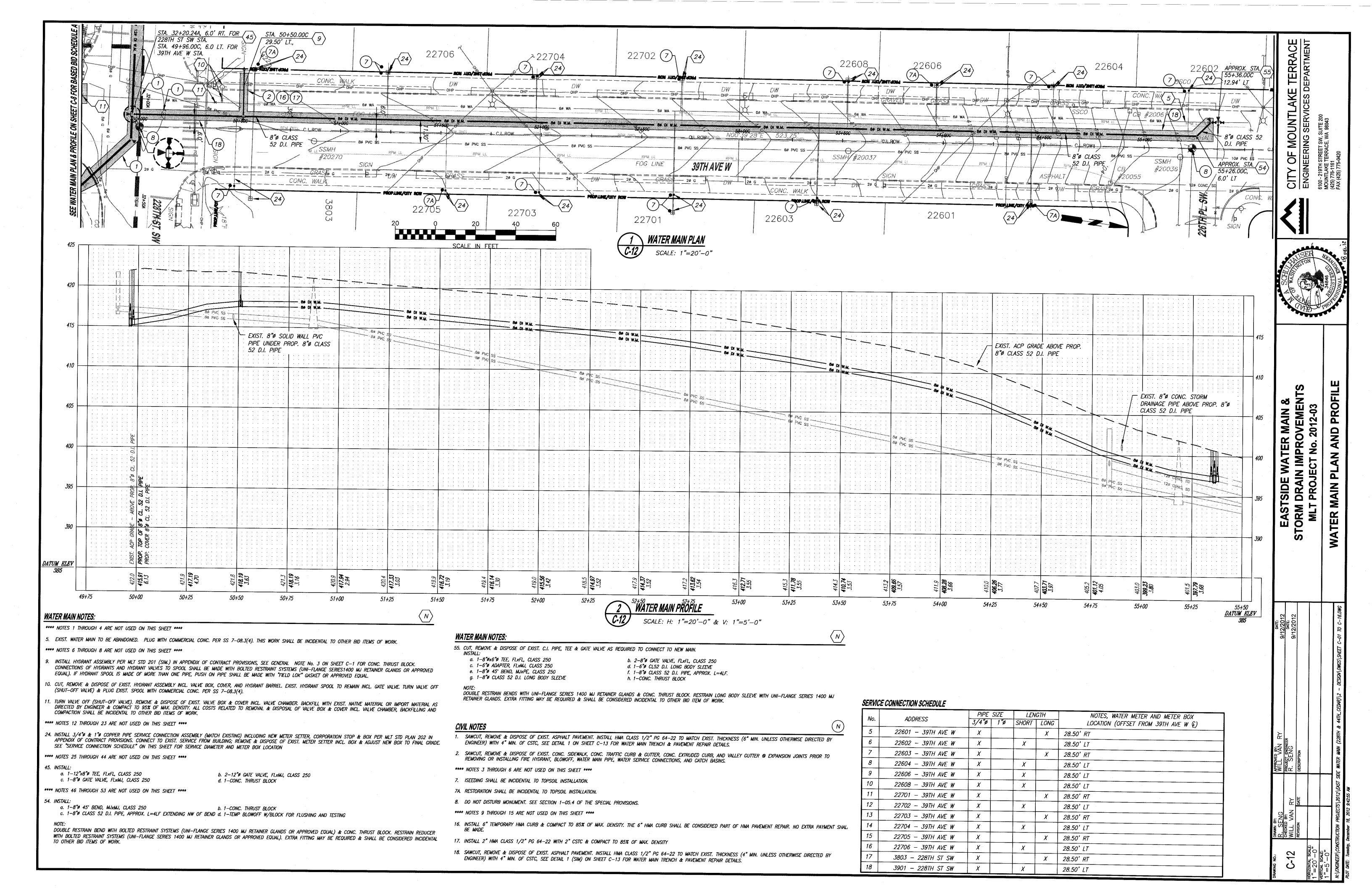


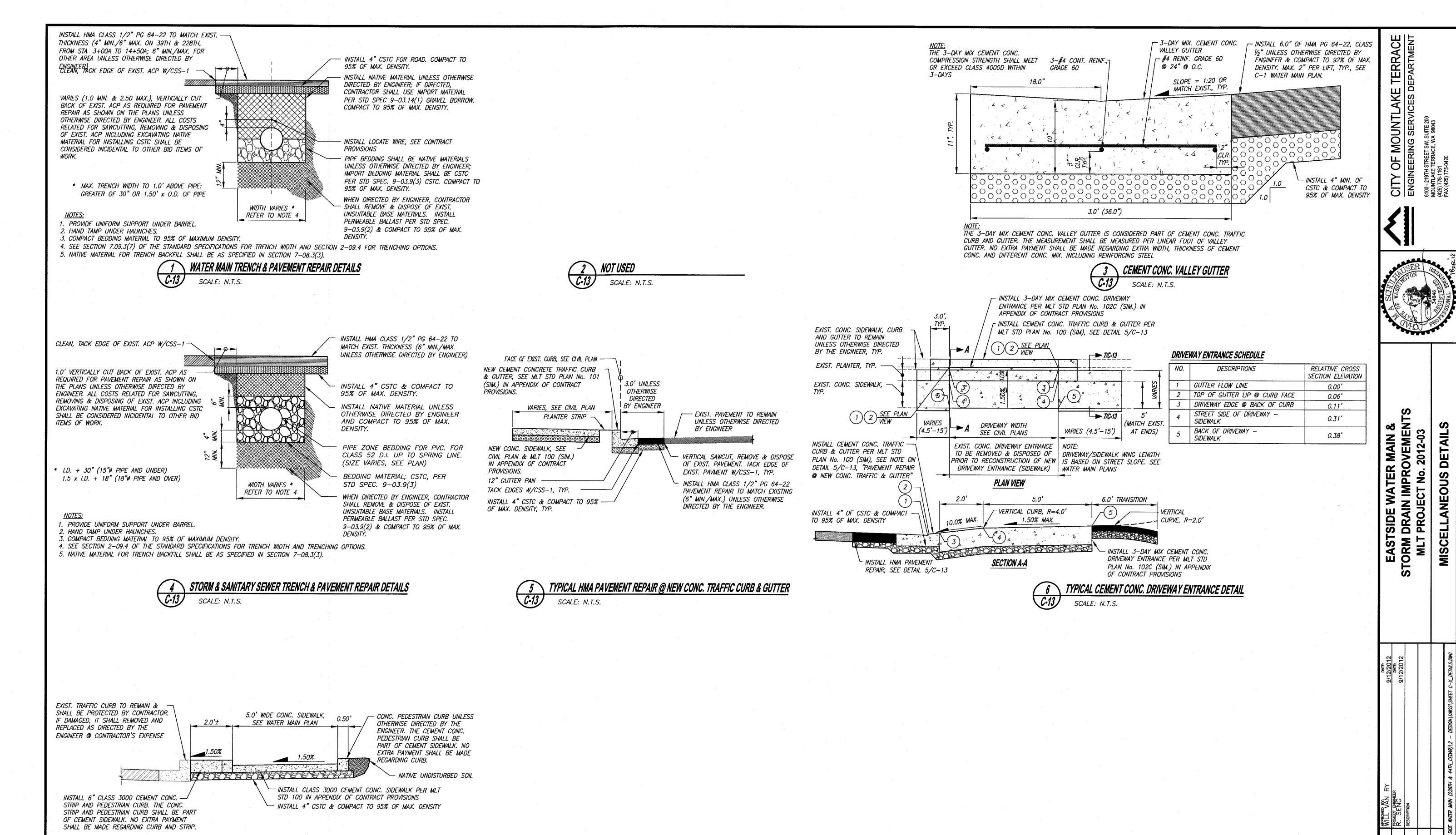












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TYPICAL CEMENT CONC.SIDEWALK (SIDEWALK RAMP) @ DRIVEWAY WING

SCALE: N.T.S.

C-13

HORIZONTAL DATUM

NAD 83/91 (WASHINGTON STATE PLANE COORDINATE SYSTEM - WA NORTH)

HORIZONTAL CONTROL POINTS WERE ESTABLISHED WITH GPS BY HOLDING THE FOLLOWING SNOHOMISH COUNTY SURVEY MONUMENTS:

MT 13 (WCCS #1473)

FOUND "X" IN 2" BRASS DISC IN CONCRETE MON IN CASE 0.3' BELOW GRADE AT INTERSECTION 54TH AVE W AND 228TH ST SW N 292371.107 E 1278425.315

MT 18 (WCCS #1478)

FOUND "X" IN 2" BRASS DISC IN CONCRETE MON IN CASE 0.4' BELOW GRADE AT INTERSECTION 56TH AVE W AND 236TH ST SW N 289740.568

E 1277805.867

MT 06 (WCCS #1466) FOUND "X" IN "2" ALUMINUM CAP ON REBAR O.1' NORTHERLY OF BACK OF WALK FOR 236TH ST SW ± 135' WEST OF CENTERLINE 39TH PL W

N 289538.141 E 1283495.497

MTLK 117 (WCCS #83)

FOUND "X" IN 2" BRÁSS DISC IN CONCRETE MON IN CASE 0.7' BELOW GRADE AT INTERSECTION 44TH AVE W AND N 292255.105

E 1281834.217

MT 03 (WCCS #1463) FOUND SCRIBED "X" 0.1' WEST OF BACK CONCRETE WALK AND 9.6' NORTH OF TOP FACE CONCRETE CURB OF THE NORTHERLY TOP CURB CUT FOR WHEELCHAIR RAMP IN THE NORTHEAST QUADRANT OF INTERSECTION 220TH ST SW AND 44TH AVE W

N 295103.057 E 1281896.384 MTLK 118 (WCCS #84)

FOUND "X" IN 3" BRASS DISC IN CONCRETE MON IN CASE 0.7' BELOW GRADE AT & 228TH ST SW AND ± 240' W

OF 35TH AVE W N 292160.958 E 1284482.397

*WCCC = WASHINGTON COUNCIL OF COUNTY SURVEYORS DATABASE POINT ID NUMBER

GENERAL NOTES

- 1.) PRIMARY CONTROL POINTS AND ACCESSIBLE MONUMENT POSITIONS WERE FIELD MEASURED UTILIZING GLOBAL POSITIONING SYSTEM (GPS) SURVEY TECHNIQUES USING LEICA SYSTEM 1200 EQUIPMENT. MONUMENT POSITIONS THAT WERE NOT DIRECTLY OBSERVED USING GPS SURVEY TECHNIQUES WERE TIED INTO THE CONTROL POINTS UTILIZING LEICA ELECTRONIC TOTAL STATIONS FOR THE MEASUREMENT OF BOTH ANGLES AND DISTANCES. THIS SURVEY MEETS OR EXCEEDS THE STANDARDS SET BY WAC 332-130-090.
- 2.) COORDINATES ASSOCIATED WITH THIS DRAWING ARE PROJECT COORDINATES WHICH MAY BE CONVERTED TO STATE PLANE GRID COORDINATES BY SUBTRACTING 2,000,000 FEET. THEN MULTIPLYING BY THE AVERAGE COMBINED FACTOR OF 0.9999434751. THE INITIAL COORDINATE CONVERSION WAS PERFORMED USING THE LEICA SKI-PRO PROGRAM VERSION 4.0.0.
- 3.) THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY MADE IN APRIL AND MAY OF 2012 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION EXISTING AT THAT TIME.
- 4.) STORM DRAINAGE FACILITIES HAVE BEEN ASBUILT THROUGH FIELD MEASUREMENTS OF THE LOCATION OF THE ACCESS STRUCTURES, THE TOP ELEVATION OF THE STRUCTURES, AND THE INVERT ELEVATIONS OF ANY PIPES ENTERING OR LEAVING THE STRUCTURES. IT IS STANDARD PRACTICE TO SHOW THE PIPES CONNECTING THESE STRUCTURES AS STRAIGHT LINES. THIS IS ONLY AN ASSUMPTION AND THE ACTUAL LOCATION OF THE PIPING MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION.
- 5.) UTILITY LOCATIONS SHOWN ON THIS SURVEY DRAWING ARE BASED UPON FIELD LOCATION OF EXISTING UTILITY STRUCTURES, FIELD LOCATION OF CONDUCTIBLE UNDERGROUND UTILITIES BASED ON PAINT MARKS OR OTHER MARKINGS ESTABLISHED BY A UTILITY LOCATE SERVICE. OTHER UNDERGROUND UTILITIES MAY EXIST. NO SUB-SURFACE EXPLORATION WAS DONE TO VERIFY UTILITY ROUTINGS. THE ROUTING OF ALL BURIED UTILITIES SHOULD BE CONFIRMED WITH THE UTILITY PURVEYOR AND EXPOSED IN AREAS CRITICAL TO DESIGN.
- 6.) OVERHEAD POWER LINES (OHP) DELINEATED ON THIS MAP MAY ALSO INDICATE THE EXISTENCE OF COMMUNICATION LINES SUCH AS TELEPHONE, CABLE TELEVISION AND FIBER OPTIC.
- 7.) THE PORTIONS OF THIS SURVEY LABELED AS VERTICAL CURB INDICATES A STANDARD CONCRETE CURB AND GUTTER. IN SOME AREAS THE GUTTER PORTION MAY BE COVERED BY ASPHALT. FOR GRAPHICAL PURPOSES ON THIS SURVEY ONLY THE VERTICAL CURB PORTION IS SHOWN.

<u>VERTICAL DATUM</u> NGVD 29

ELEVATIONS ON HORIZONTAL CONTROL POINTS WERE ESTABLISHED WITH GPS BY HOLDING THE FOLLOWING CITY OF MOUNTLAKE TERRACE VERTICAL BENCHMARKS:

BM #300

TOP OF FOUND "X" IN 2" BRASS DISC IN CONCRETE MON IN CASE 0.3' BELOW GRADE AT INTERSECTION 54TH AVE W ELEV = 477.12

BM #023

TOP OF FOUND 2" BRASS DISK IN CONCRETE WALK 1.4' NORTHEAST OF SIGNAL POLE IN THE NORTHEAST QUADRANT OF INTERSECTION 236TH ST SW AND CEDAR WAY (44TH AVE W) ELEV = 365.24

BM #013

TOP OF FOUND 2" BRASS DISK ON TOP OF NORTHWEST CORNER OF CURB FOR PLANTER BOX AT THE BACK OF CONCRETE WALK IN THE SOUTHWEST QUADRANT OF INTERSECTION 228TH ST SW AND 44TH AVE W ELEV = 414.43

BM #185 TOP OF FOUND 2" BRASS DISC IN CONCRETE MON IN CASE 0.3' BELOW GRADE AT INTERSECTION 220TH ST SW AND 44TH AVE W ELEV = 465.60

BM #249

TOP OF FOUND 2" BRASS DISC IN CONCRETE MON IN CASE 0.3' BELOW GRADE AT INTERSECTION 222ND ST SW AND ELEV = 459.14

TOP $^{''}$ OF FOUND 2" BRASS DISK IN TOP OF CONCRETE VERTICAL CURB \pm 7.5' EAST OF SOUTHERLY POINT OF CURVATURE OF CURB RETURN IN THE NORTHEAST QUADRANT INTERSECTION 236TH ST SW AND 52ND AVE W ELEV = 462.12

SYM	BOL L	EGEND				LINE LEGEND	
\boxtimes	TSB	TRAFFIC SIGNAL BOX	#	WM	WATER METER	- LIGHT	
\bowtie	TCB	TRAFFIC SIGNAL CABINET		FH	FIRE HYDRANT	OHP	OVERHEAD POWER LINE
\boxtimes	TSV	TRAFFIC SIGNAL VAULT		CB	CATCH BASIN	UNPO UNPO	UNDERGROUND POWER LINE
	EJB	ELECTRICAL JUNCTION BOX		SDMH	STORM DRAIN MANHOLE	FOLFOL	BURIED FIBER OPTIC LINE
Р	PV	POWER VAULT	0	SDCO	STORM DRAIN CLEANOUT	UNTV ————————————————————————————————————	BURIED CABLE TV LINE
-	TSL	TRAFFIC SIGNAL	0	SSMH		G	BURIED GAS LINE
T	TT	TELEPHONE VAULT	\square	GV	GAS VALVE	8¢ WA	BURIED WATER LINE (VARIES
	TR	TELEPHONE RISER		TV	TV RISER ASBUILT	8¢ PVC SD —	STORM DRAIN WITH PIPE
γ —)α	PPL	POWER POLE W/ LIGHT	©	FOMH	FIBER OPTIC MANHOLE		SIZE AND TYPE (VARIES)
-0-	PPU	POWER POLE W/ UNDERGROUND CONDUIT	⊗	MW	MONITORING WELL	8ø PVC SS	SANITARY SEWER WITH PIPE
-0-	PP	POWER POLE	0	ssco	SANITARY SEWER CLEANOUT	RPM DYCL	SIZE AND TYPE (VARIES)
-0-	UTP	UTILITY POLE (GUY)		MB	MAILBOX	RPM LL	DOUBLE YELLOW CENTERLIN
0	POST	POST (MISC)	Ф	SIGN	STREET SIGN (VARIES)	RPM TWLTL	LANE LINE
← > ✓	PTL	POWER POLE w/LIGHT & TRANSFORMER	\triangle	PX .	PEDESTRIAN CROSSING PEDESTAL	MD-by-constant and the production of the product	TWO WAY LEFT TURN LINE
ф Х	LS	LIGHT STANDARD (PARKING LOT)	o	BOL	BOLLARD	RPM WDL	WIDE DOTTED LINE
$\not\!$	SL	STREET LIGHT		PA	PLANTER AREA	405	MAJOR CONTOUR LINE
¤	YL	YARD LIGHT	n	DW	DRIVEWAY	401	MINOR CONTOUR LINE
Ø	PM	POWER METER	Ġ.		ADA RAMP	F	FENCE AS NOTED
\leftarrow	GUY	GUY ANCHOR	$\overline{\oplus}$		FOUND MONUMENT IN CASE AS NOTE	TD	TENGE AS NOTED
M	ICV	IRRIGATION CONTROL VALVE	×		PK NAIL WITH WASHER SET		
\bowtie	WV	WATER VALVE			AT PROPOSED MONUMENT POSITION		
					ROCKERY		

TREE LEGEND (SIZE IN INCHES)

DECIDUOUS TREE CONIFER TREE CEDAR

HEMLOCK EVERGREEN TREE

HO HOLLY

FIR

ISIDE WATER I DRAIN IMPRO DATUM, Щ EAST ORM MLT BAS SURVEY O

CITY OF MOUNTLAKE TERRACE ENGINEERING SERVICES DEPARTMENT

CB #7421 (TYPE 1) TOP" 446.74 IE 442.75 6" PVC (IN-SW) IE 442.47 8" PVC (OUT-N)

CB #7440 (TYPE 1) TOP 446.72 IE 441.89 8" PVC (IN-W) IE 441.72 8" PVC (IN-S) IE 441.52 10" PVC (OUT-NE)

CB #7457 (TYPE 2 48") TOP 446.20 IE 442.33 8" PVC (IN-NW) IE 440.82 10" PVC (IN-SW) IE 439.71 12" PVC (OUT-ENE)

IE 439.31 12" PVC (OUT-S) CB #7496 (TYPE 1) TOP 446.25

IE 443.37 8" PVC (OUT-W)

CB #7497 (TYPE 1 SOLID LOCKING LID) TOP 446.51 IE 441.38 8" PVC (IN-E) IE 441.20 12" PVC (IN-N) IE 441.10 12" PVC (OUT-SW)

CB #7678 (TYPE 1) TOP 429.52 IE 427.20 8" PVC (OUT-NE)

CB #7686 (TYPE 1) TOP" 429.05 IE 426.64 8" PVC (IN-S) IE 426.55 8" PVC (OUT-NE)

CB #7693 (TYPE 1 SOLID LOCKING LID) TOP 428.59 IE 425.71 8" PVC (IN-SW) IE 426.49 6" PVC (IN-W) IE 426.24 6" PVC (IN-N) IE 425.59 8" PVC (OUT-E)

CB #7862 (TYPE 1) TOP 411.05 IE 408.45 8" PVC (IN-N) IE 408.45 8" PVC (OUT-E)

CB #7840 (TYPE 2 48" DIA.) TOP 410.65 IE 405.45 18" CONC (IN-N) IE 405.13 18" CONC (OUT-E)

CB #7856 (TYPE 1) TOP 408.93 IE 407.42 6" PVC (OUT-E)

SANITARY SEWER TABLE

SSMH #7343 (TYPE 2 48" DIA.) RIM 450.72 IE 442.20 CTR CHANNEL 8" PVC (IN-W)(OUT-E)

SSMH #7506 (TYPE 2 48" DIA.) RIM 445.85 IE 440.09 CTR CHANNEL 8" PVC (IN-W)(OUT-E) SSMH #7607 (TYPE 2 48" DIA.) RIM 440.94 IE 431.15 CTR CHANNEL

8" PVC (IN-W)(OUT-E) SSMH #7751 (TYPE 2 48" DIA.) RIM 419.46

IE 412.11 8" PVC (IN-W) IE 402.80 CTR CHANNEL 8" PVC (IN-W)(IN-E)(OUT-S)

SSMH #7885 (TYPE 2 48" DIA.) RIM 410.44 IE 403.52 CTR CHANNEL 8" PVC (IN-N)(IN-E)(OUT-W)

SSMH #8070 (TYPE 2 48" DIA.) RIM 411.54 IE 407.44 8" DI (IN-N) IE 405.13 CTR CHANNEL 8" PVC (IN-E)(OUT-W)

SSMH #8106 (TYPE 2 48" DIA.) RIM 411.54 IE 405.69 6" PVC (IN-N) IE 406.11 6" PVC (IN-S) IE 405.47 CTR CHANNEL

8" PVC (IN-E)(OUT-W) SSMH #8646 (TYPE 2 48" DIA.) RIM 414.22 NO PIPE TO SOUTH (IN-NW)(IN-W)(OUT-E)

SDMH #7861 (TYPE 2 48" DIA.) TOP 409.40 IE 403.78 18" CONC (IN-W) IE 405.68 6" PVC (IN-W)

IE 403.53 18" CONC (OUT-S)

CB #7866 (TYPE 1 SOLID LOCKING LID) TOP 411.77 IE 408.34 8" PVC (IN-W) IE 408.65 8" PVC (OUT-S) (POSSIBLE REVERSE FLOW)

CB #7878 (TYPE 1) TOP 410.69 IE 406.89 8" PVC (OUT-SE)

SDMH #7884 (TYPE 2 48" DIA.) TOP 410.55 IE 406.32 8" PVC (IN-W) IE 406.30 8" PVC (IN-E) IE 406.25 8" PVC (IN-NW) IE 405.85 8" PVC (IN-NE) IE 405.50 18" CONC (IN-N) IE 405.42 18" CONC (OUT-S)

CB #7887 (TYPE 1) TOP 410.61 IE 407.26 8" PVC (OUT-SW)

CB #7910 (TYPE 1 THRU CURB INLET) TOP 409.69 IE 407.94 6" PVC (IN-N)

IE 407.09 8" PVC (OUT-W) CB #8017 (TYPE 1 THRU CURB INLET) TOP 409.86 IE 406.81 12" DI (OUT-N)

IE 406.86 12" CONC (IN-E) IE 406.76 8" CMP (OUT-S) CB #8020 (TYPE 2 48" DIA.) TOP 409.99

IE 406.75 8" CMP (IN-N)

IE 408.04 12" DI (OUT-S)

IE 406.66 8" CMP (OUT-S) CB #8036 (TYPE 1 SOLID LOCKING LID) TOP 410.78 IE 408.31 12" CMP (IN-N) IE 408.13 12" CMP (IN-E)

CB #8047 (TYPE 1) TOP 413.16 IE 409.03 12" CMP (IN-N) IE 409.00 12" CMP W/LIFT GATE (OUT-S)

CB #8071 (TYPE 1 SOLID LOCKING LID) TOP 411.63 IE 409.35 12" PVC (IN-N) IE 409.28 12" DI (IN-E) IE 409.36 12" CMP (OUT-W)

CB #8088 (TYPE 1) TOP 411.21 IE 408.56 8" CONC (IN-S) IE 408.47 12" CONC (OUT-W)

CB #8107 (TYPE 1 SOLID LOCKING LID) TOP 411.92 IE 409.67 12" DI (IN-E) IE 409.64 12" DI (OUT-W)

CB #8184 (TYPE 1 SOLID LOCKING LID) TOP 4.15.34 IE 412.97 8" DI (OUT-W)

CB #8200 (TYPE 1) TOP 418.09 IE 416.56 8" DI (OUT-W)

IE 413.50 8" DI (IN-E)

CB #8421 (TYPE 1) TOP 417.52 IE 415.77 6" CMP (IN-E) IE 415.02 6" CONC (OUT-E)

SDMH #8422 (TYPE 2 48" DIA.) TOP 417.80 IE 408.35 12" CONC (IN-NE) IE 408.05 12" CONC (OUT-E)

CB #8558 (TYPE 1) TOP 417.74 IE 414.37 8" CONC (OUT-E)

CB #8633 (TYPE 1) TOP 413.50 IE 410.86 10" CONC (IN-W) IE 410.81 8" CONC (IN-N) IE 412.49 4" PVC (IN-E) IE 410.88 12" CONC (OUT-S)

CB #8685 (TYPE 2) TOP 418.17 IE 413.52 8" CONC (IN-E) IE 412.37 8" CONC (IN-W) IE 409.85 8" CONC (IN-E) IE 409.09 12" CONC (IN-N) IE 409.27 12" CONC (OUT-S)

CB #8699 (TYPE 1) TOP 418.42 IE 415.42 8" CONC (OUT-W)

CB #8906 (TYPE 1) TOP 416.46 IE 412.46 8" CONC (IN-S) IE 412.55 8" CONC (OUT-W)

SDMH #8908 (TYPE 1) TOP 417.08 IE 414.20 6" CMP (IN-E) IE 414.08 6" CMP (OUT-W) CB #8911 (TYPE 1) TOP 416.56

IE 413.77 8" CONC (IN-S) IE 413.70 6" CMP (IN-N) IE 413.62 8" CONC (OUT-N)

SDMH #9119 (TYPE 1) TOP 420.68 IE 416.72 6" CMP (IN-S) IE 415.95 6" CMP (IN-E) IE 415.93 6" CMP (OUT-W)

CB #9158 (TYPE 1) TOP 420.23 IE 418.34 8" PVC (IN-S) IE 417.18 6" CMP (OUT-N)

CB #9175 (TYPE 1 THRU CURB INLET) TOP 420.25 IE 417.65 12" CONC (OUT-E)

CULVERT #9213 IE 421.37 6" PVC (N END) (POSSIBLE WALL DRAIN)

CULVERT #9214 IE 421.13 6" PVC (N END) (POSSIBLE WALL DRAIN)

CB #9233 (TYPE 1) TOP 420.37 IE 417.25 12" CONC. (IN-W) IE 417.17 12" ADS (OUT-S)

CB #9415 (TYPE 1) TOP 407.10 IE 405.85 6" CONC (OUT-E)

CB #9447 (TYPE 1) TOP 427.51 IE 424.55 8" PVC (IN-N) IE 424.55 8" PVC (IN-S) IE 424.55 8" PVC (OUT-SW)

SDMH #9448 (TYPE II 48" DIA) TOP 425.48 IE 419.44 12" CONC. (IN-NE) IE 419.40 12" CONC. (IN-N) IE 419.38 8" PVC (OUT-S)

CB #9458 (TYPE I) TOP 421.50 IE 418.00 8" PVC (OUT-E)

SDMH #9464 (TYP II 48" DIA.) TOP 421.74 IE 417.15 8" PVC (IN-W) IE 416.39 12" PVC (IN-E) IE 416.53 12" CONC. (IN-N) IE 416.37 12" PVC (OUT-S)

CB #9469 (TYPE I) TOP 423.33 IE 420.78 6" PVC (IN-N) IE 419.32 12" PVC (IN-E)

CB #9473 TOP 425,45 IE 420.64 12" PVC (IN-E) IE 420.63 12" PVC (OUT-W)

IE 419.39 12" PVC (OUT-W)

CB #9485 (DETENTION PIPE ACCESS) TOP 421.43 IE 411.60 36" CMP

CB #9503 (DETENTION PIPE ACCESS) TOP 416.79 IE 411.66 36" CMP

SDMH #9504 (TYPE II 48" DIA. W/ FLOW RESTRICTOR) TOP 416.79 TOP FLOW RESTRICTOR 415.58 (24" DIA.) IE 411.79 4" PVC (IN-NE) IE 411.34 24" CMP (IN-N) IE 411.54 8" PVC (OUT-SW)(FLOW RES.)

CB #9515 (TYPE I) TOP 415.29 IE 413.71 6" PVC (IN-SE) IE 413.32 6" PVC (OUT-W)

CB #9516 (TYPE I) TOP 415.27

IE 413.87 6"DI (OUT-NW) CB #9540 (TYPE I) TOP 414.48

IE 411.97 8" CONC. (OUT-E) SDMH #9541 (TYPE II 48" DIA) TOP 414.61 IE 410.16 8" PVC (IN-NE)

IE 410.08 6" PVC (IN-E) IE 409.85 12" CONC. (IN-N) IE 409.78 12" CONC. (OUT-S) (UNABLE TO GET IE TO W)

SDMH #9560 TOP 413.74 IE 408.29 12" CONC. (IN-N) IE 407.22 8" DI (IN-E) IE 406.92 15" DI (OUT-S)

CB #9585 (POSSIBLE FRENCH DRAIN) TOP 412.03 IE 410.28 6" PVC (OUT-N)

CB #9598 (TYPE I) TOP 407.04 IE 403.34 12" CONC. (IN-N)(OUT-S) (POSSIBLE ABANDONED TO N)

CB #9601 (TYPE I) TOP" 407.90 IE 405.62 6" CONC. (IN-NW) IE 405.07 12" CONC. (OUT-E) IE 12" CONC (PLUGGED)

CB #9603 (TYPE I) TOP 408.98 IE 407.03 4" CONC. (IN-NW) IE 406.33 6" CONC. (OUT-SE)

CB #9637 TOP 402.08 IE 398.48 12" CONC. (IN-N) IE 398.41 12" CONC. (OUT-W)

SDMH #9646 (TYPE | 1 48" DIA. W/ FLOW RESTRICTOR) TOP 403.36 TOP FLOW RESTRICTOR 410.36 (12" DIA.) IE 395.54 24" CPP (IN-W) IE 395.26 12" CMP (OUT-SE) (FLOW RES.)

SDMH #9647 (TYPE II 48" DIA.) TOP 4Ö2.73 IE 395.93 8" CONC. (IN-SW) IE 395.73 12" CONC. (IN-E) IE 395.63 12" CONC. (IN-W) IE 395.43 12" CONC. (IN-NW) IE 395.38 15" CONC. (IN-N) IE 395.23 15" CONC. (OUT-S)

CB #9668 (TYPE 1) TOP 396.42 IE 393.67 8" CONC. (OUT-E) SDMH #9699 (TYPE II 48" DIA.) TOP 329.92 *IE 326.63 6" PVC (IN-W)* IE 323.24 18" CMP (IN-E) IE 322.90 15" CONC. (IN-N) IE 322.90 15" CONC. (OUT-S) CB #9713

TOP 391.29 IE 385.19 18" CPP (IN-E) IE 385.79 18" CPP (OUT-W) SDMH #9714 (TYPE II 48" DIA. W/

FLOW RESTRICTOR) TOP 393.03 IE 386.68 18" CMP (OUT-W)(FLOW RES) 18" CMP (E) 24" CMP (N)

CB #9724 (TYPE I) TOP 387.09 IE 385.16 8" CONC. (OUT-SE)

CB #9746 (TYPE I) TOP" 386.13 IE 382.68 8" CONC. (IN-NW) IE 382.43 8" CONC. (OUT-E)

SDMH #9766 (TYPE II 48" DIA) TOP 382.60 IE 376.18 36" CPP (IN-NW) IE 375.93 36" CPP (OUT-S)

CB #9777 TOP 382.05 IE 384.75 8" PVC (OUT-W)

SDMH #9789 (TYPE || 48" DIA) TOP 383.51 IE 375.64 12" PVC (IN-W) IE 375.64 36" CPP (IN-N) IE 375.52 36" CPP (OUT-SE)

CULVERT #9790 IE 375.06 36" CMP (SE END)

SDMH #9772 (TYPE II DIA. UNKNOWN) TOP 383.73 IE 376.28 36" CONC. (OUT-SE) 376.38 H20 LEVEL (UNABLE TO GET IE TO N AND NW)

CB #9784 (TYPE I) TOP 382.22 IE 379.43 8" PVC (OUT-E)

SDMH #9792 (TYPE II 48" DIA.) TOP 383.37 IE 377.19 12" PVC (IN-S) IE 377.11 12" PVC (OUT-E)

CB #9803 (TYPE I) TOP 386.79 IE 384.24 8" CONC. (OUT-SE)

SDMH #9810 (TYPE II 48" DIA.) TOP 386.69 IE 382.79 8" CONC. (IN-W) IE 382.69 8" CONC. (IN-S) IE 382.49 8" CONC. (IN-NW) IE 379.17 8" CONC. (IN-E) IE 378.79 8" CONC. (OUT-N)

CB #9812 (TYPE I) TOP 347.38 (FILLED WITH DEBRIS UNABLE TO GET IE)

IE 384.54 8" CONC. (OUT-N)

CB #9814 (TYPE I)

387.47

388.91

TOP 386.87

CB #9817 TOP 386.14 IE 379.68 4" CONC. (IN-S) IE 379.46 8" CONC. (OUT-W)

Cb #10024 (TYPE I) TOP 421.50 IE 417.41 12" PVC (IN-N) 8" PVC (E & W) 18" PVC (S)

CB #51269 TOP 387.28 IE 384.63 12" PVC (OUT-N)

CB #51270 TOP 387.65 IE 383.22 12" PVC (IN-S) IE 382.75 18" PVC (IN-NE) IE 383.22 18" PVC (OUT-E) CB #20055 (TYPE II 52" DIA)

TOP 403.15 IE 398.71 8" DI (IN-W) \ IE 398.43 12" CONC. (OUT-N) CB #20061 (TYPE I)

TOP" 403.25 IE 401.55 8" CONC. (OUT-E)

SDMH #20034 (48" DIA.) TOP 384.87 IE 378.44 12" CONC (IN-S) IE 378.44 8" CONC. (IN-W) IE 378.44 18" CONC. (IN-W) IE 378.44 18" CONC. (IN-N) IE 377.07 30" CONC. (OUT-E)

STREET CENTERLINE ELEVATIONS

	44TH AVE. V	V. /CEDAR	WAY
STATION	ELEVATION	STATION	ELEVATION
5+50	386.50	18+00	<i>386.58</i>
6+00	<i>387.56</i>	18+50	388.18
6+50	<i>388.33</i>	19+00	390.03
7+00	<i>389.07</i>	19+50	391.92
<i>7+50</i>	389.83	20+00	<i>393.85</i>
8+00	<i>390.23</i>	20+50	395.66
8+50	<i>390.37</i>	21+00	397.44
9+00	390.39	21+50	<i>399.35</i>
9+50	390.35	22+00	400.85
10+00	390.17	22+50	402.63
10+50	<i>389.75</i>	23+00	404.43
11+00	389.08	23+50	406.28
11+50	388.17	24+00	408.05
12+00	<i>387.32</i>	24+50	409.90
12+50	386.47	25+00	411.62
13+00	<i>385.51</i>	25+50	413.31
13+50	384.61	26+00	414.35
14+00	<i>383.78</i>	26+50	415.62
14+50	<i>383.15</i>	27+00	417.22
15+00	382.87	27+50	418.88
15+50	382.86	28+00	420.52
16+00	383.09	28+50	422.15
16+50	<i>383.54</i>	29+00	423.90
	5+50 6+00 6+50 7+00 7+50 8+00 8+50 9+00 9+50 10+00 11+50 12+00 12+50 13+50 14+00 15+00 15+50 16+00	STATION ELEVATION 5+50 386.50 6+00 387.56 6+50 388.33 7+00 389.07 7+50 389.83 8+00 390.23 8+50 390.37 9+00 390.39 9+50 390.35 10+00 390.17 10+50 389.75 11+00 389.08 11+50 388.17 12+00 387.32 12+50 386.47 13+00 385.51 13+50 384.61 14+00 383.78 14+50 382.87 15+50 382.86 16+00 383.09	$egin{array}{cccccccccccccccccccccccccccccccccccc$

		228TL	H ST. SW.		
STATION	ELEVATION	STATION	ELEVATION	STATION	ELEVATION
3+00	449.78	15+50	411.37	28+00	417.46
3+50	447.89	16+00	412.35	28+50	417.82
4+00	446.20	16+50	412.89	29+00	418.24
4+50	445.64	17+00	413.67	29+50	418.83
5+00	445.14	17+50	414.50	30+00	419.54
5+50	444.20	18+00	417.57	30+50	420.24
6+00	442.28	18+50	420.71	31+00	420.98
6+50	439.67	19+00	422.55	31+50	421.67
7+00	436.49	19+50	423.69	32+00	422.13
7+50	432.95	20+00	424.13	32+50	421.78
8+00	428.97	20+50	424.03	33+00	420.31
8+50	425.11	21+00	423.45	33+50	418.14
9+00	421.68	21+50	422.43	34+00	415.09
9+50	418.66	22+00	420.81	34+50	411.44
10+00	416.09	22+50	419.11		
10+50	414.03	23+00	418.63		
11+00	412.44	23+50	419.09		
11+50	411.10	24+00	419.76		
12+00	410.32	24+50	420.21		
12+50	410.14	25+00	420.45		
13+00	410.45	25+50	420.18		
13+50	410.66	26+00	419.34		
14+00	410.87	26+50	418.46		
14+50	410.96	27+00	417.92		
15+00	410.96	27+50	417.62		

39TH	AVENUE W.
STATION	ELEVATION
50+00	421.64
50+50	422.04
51+00	421.10
51+50	420.17
52+00	419.21
52+50	418.11
53+00	416.54
53+50	414.62
54+00	412.19
54+50	408.00
55+00	403.27
55+50	400.66

1	229TH .	ST. SW.
7	STATION	ELEVATIOI
	0+00/20+92.46	397.17
	0+50	396.18
7	1+00	<i>395.63</i>
1		
	230TH ST. SW. (E	. OF 44TH
1	STATION	ELEVATIO
1	0+00/17+80.77	386.00
-	0+50	385.10
1	1+00	384.10
1		
-	230TH ST. SW. (W	1. OF 44TH
	STATION	ELEVATIO
	0+00/18+00.87	386.60

0+50

1+00

419.50
418.38
418.01
417.86
<i>W</i>
ELEVATION
418.39
14700
417.29
417.29 415.65

<u>0+00/12+21.83</u> 386.98

41ST PL. W.

STATION

STATION

0+50

1+00

ELEVATION

ELEVATION

389.24

397.28

WATER MAIN { IN IMPROVEME! JECT No. 2012-03 SIDI EA® STOR

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UTILITY

4 & ENTS

DRAWN BY: R. SENG		APPROVED BY: DATE: WILL VAIN RY 9/12/2012	
CHECKED BY: WILL VAN RY	RY	PROJECT ENGINEER R. SENG 9/12/2012	
REVISION	DATE	DESCRIPTION	
e latan aga nata	HAD FACT CODE WATE	JATO COME STOLETHON JOHNS A VILLAND SOME (INANDEL E (SOME) TERM A TEOCH MATERIAL DES MATERIALES (MODES TOURS)	

SSMH #9600 (TYPE 2 48" DIA.) RIM 407.72 IE 394.87 CTR CHANNEL 8" UNKNOWN (IN-N)(IN-W)(OUT-S)

SSMH #9676 (TYPE 2 48" DIA.) RIM 396.38 IE 389.55 CTR CHANNEL 8" UNKNOWN (IN-SE)(OUT-W) SSMH #9688 (TYPE 2 48" DIA.)

SSMH #8789 (TYPE 2 48" DIA.)

RIM 417.64

6" (IN-NW)

RIM 387.08

8" (IN-E)(OUT-S)

RIM 395.37 IE 390.77 CTR. CHANNEL 8" PVC (IN-SE)(IN-N)(OUT-NW) SSMH #9712 (TYPE 2 48" DIA.):

IE 381.75 CTR. CHANNEL

8" DI (IN-S)(OUT-N) SSMH #9715 (TYPE 2 48" DIA.): RIM 395.46 IE 390.78 CTR. CHANNEL 8" UNKNOWN (IN-SE)(IN-E)(OUT-NW)

SSMH #9744 (TYPE 2 48" DIA.) RIM 387.00 IE 3841.51 CTR. CHANNEL 8" DI (IN-S)(OUT-W)

SSMH #9763 (TYPE 2 48" DIA.) RIM 383.40 IE 375.96 CTR. CHANNEL 8" UNKNOWN (IN-W)(IN-NW)(OUT-E) SSMH #20035 (TYPE 2 48" DIA.) RIM 385.58 IE CTR. CHANNEL 377.88 8" (IN-N)(IN-S)(IN-W) 12" (OUT-E)

SSMH #20036 (TYPE 2 48" DIA.)

SSMH #20137 (TYPE 2 48" DIA.) RIM 414.28 IE 407.60 CTR. CHANNEL 8" (IN-S)(OUT-N)

SSMH #20270 (TYPE 2 48" DIA.)

IE 415.38 CTR. CHANNEL

8" (IN-SW)(OUT-N)

RIM 421.23

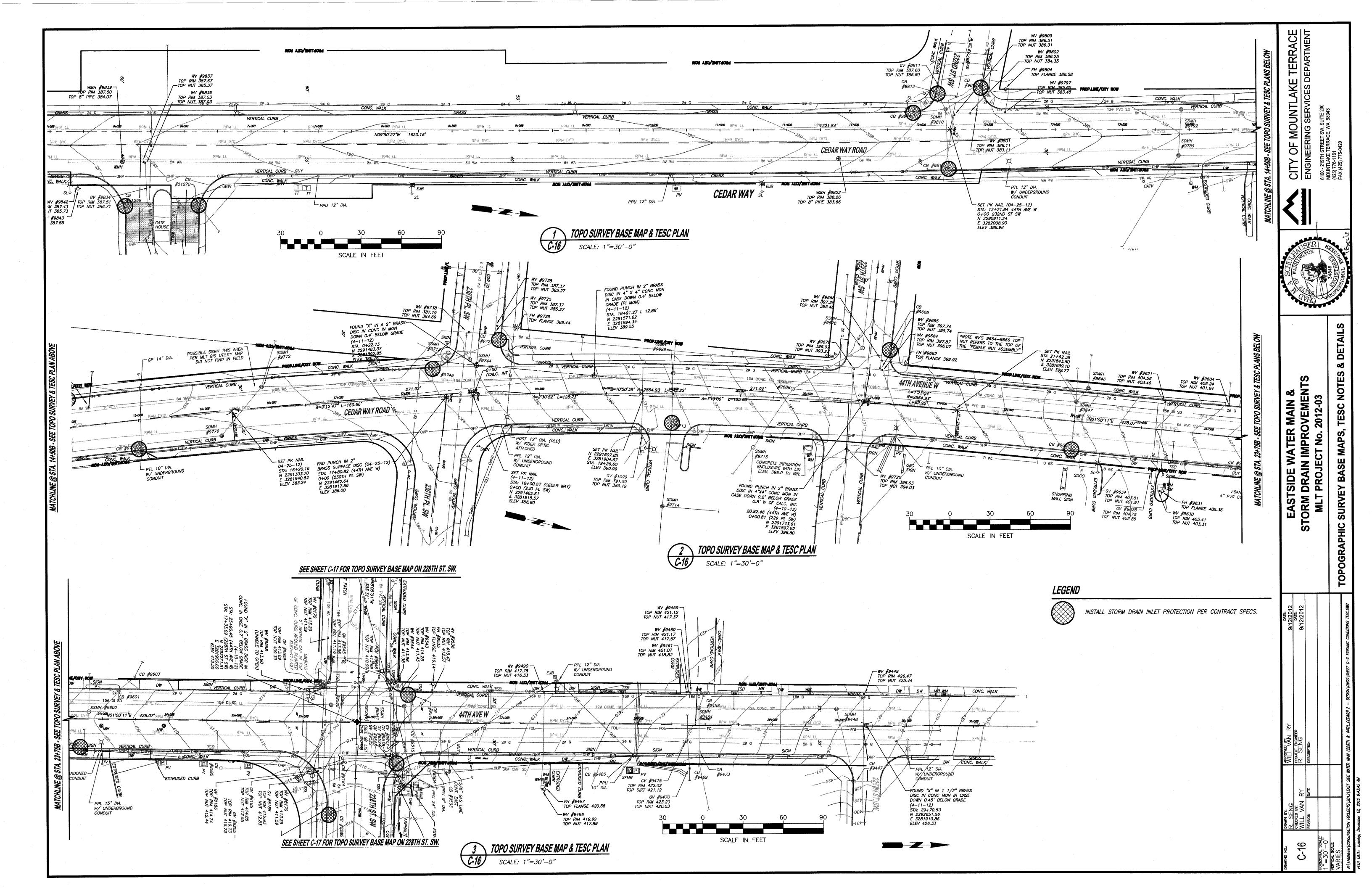
RIM 401.93 IE 394.49 CTR. CHANNEL 8" (IN-S)(IN-E) 10" (OUT-N)

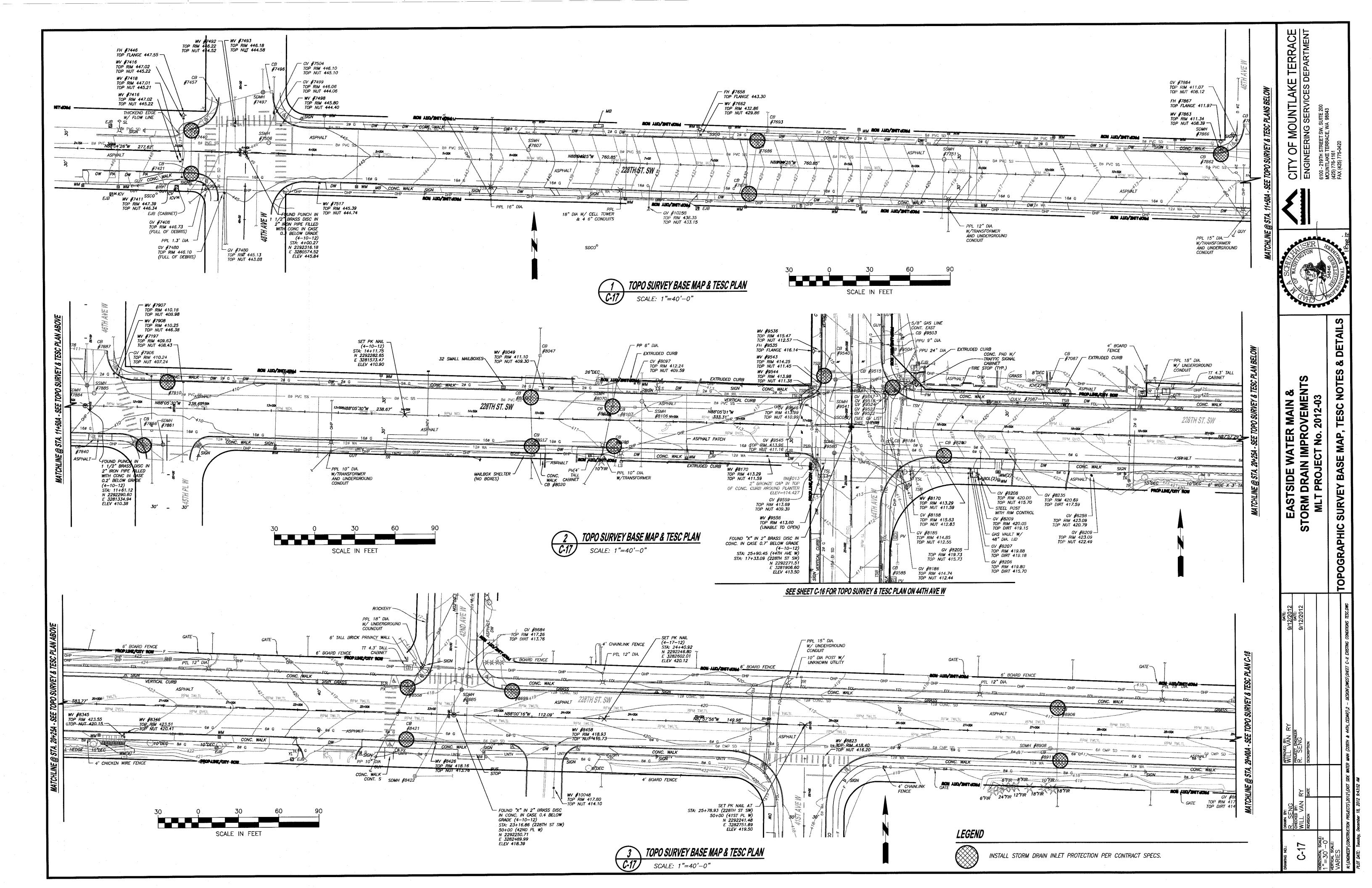
AATH AVE W /CEDAR WAY

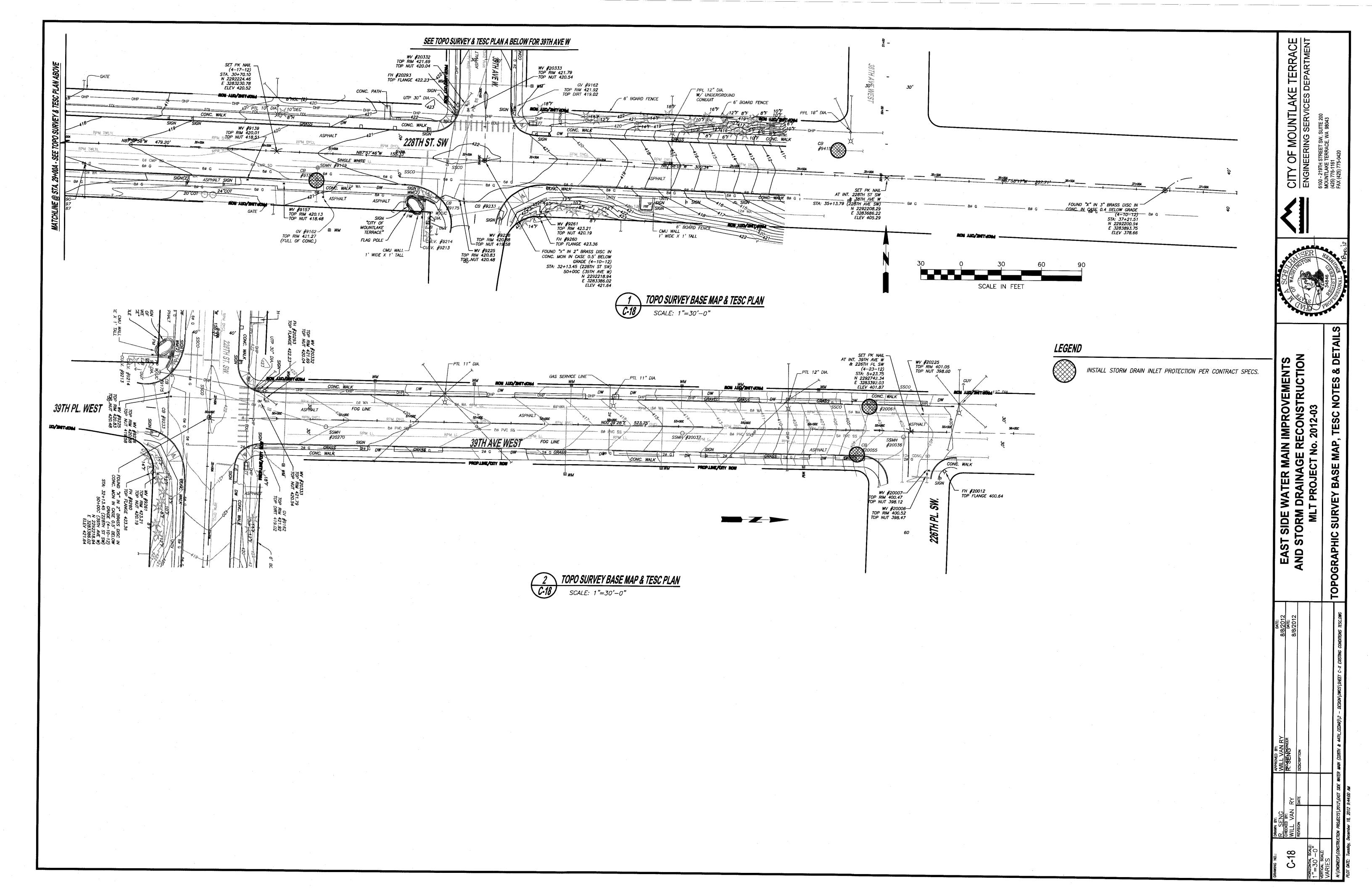
STATION	<i>ELEVATION</i>	STATION	ELEVATION		STATION	ELEV
5+50	386.50	18+00	<i>386.58</i>		3+00	44.
6+00	<i>387.56</i>	18+50	388.18		3+50	44
6+50	<i>388.33</i>	19+00	390.03		4+00	44
7+00	389.07	19+50	391.92		4+50	44.
7+50	389.83	20+00	393.85]	5+00	44.
8+00	390.23	20+50	395.66		5+50	44
8+50	390.37	21+00	397.44		6+00	44.
9+00	390.39	21+50	399.35		6+50	43.
9+50	390.35	22+00	400.85		7+00	43
10+00	390.17	22+50	402.63		7+50	43.
10+50	<i>389.75</i>	23+00	404.43		8+00	42
11+00	389.08	23+50	406.28		8+50	42
11+50	388.17	24+00	408.05		9+00	42
12+00	387.32	24+50	409.90		9+50	41
12+50	386.47	25+00	411.62		10+00	416
13+00	385.51	25+50	413.31		10+50	414
13+50	384.61	26+00	414.35		11+00	412
14+00	<i>383.78</i>	26+50	415.62		11+50	41
14+50	<i>383.15</i>	27+00	417.22		12+00	410
15+00	382.87	27+50	418.88		12+50	410
15+50	382.86	28+00	420.52		13+00	410
16+00	383.09	28+50	422.15		13+50	410
16+50	<i>383.54</i>	29+00	423.90		14+00	410
17+00	384.29	29+50	425.83		14+50	410
17+50	385.32	30+00	427.88]	15+00	410

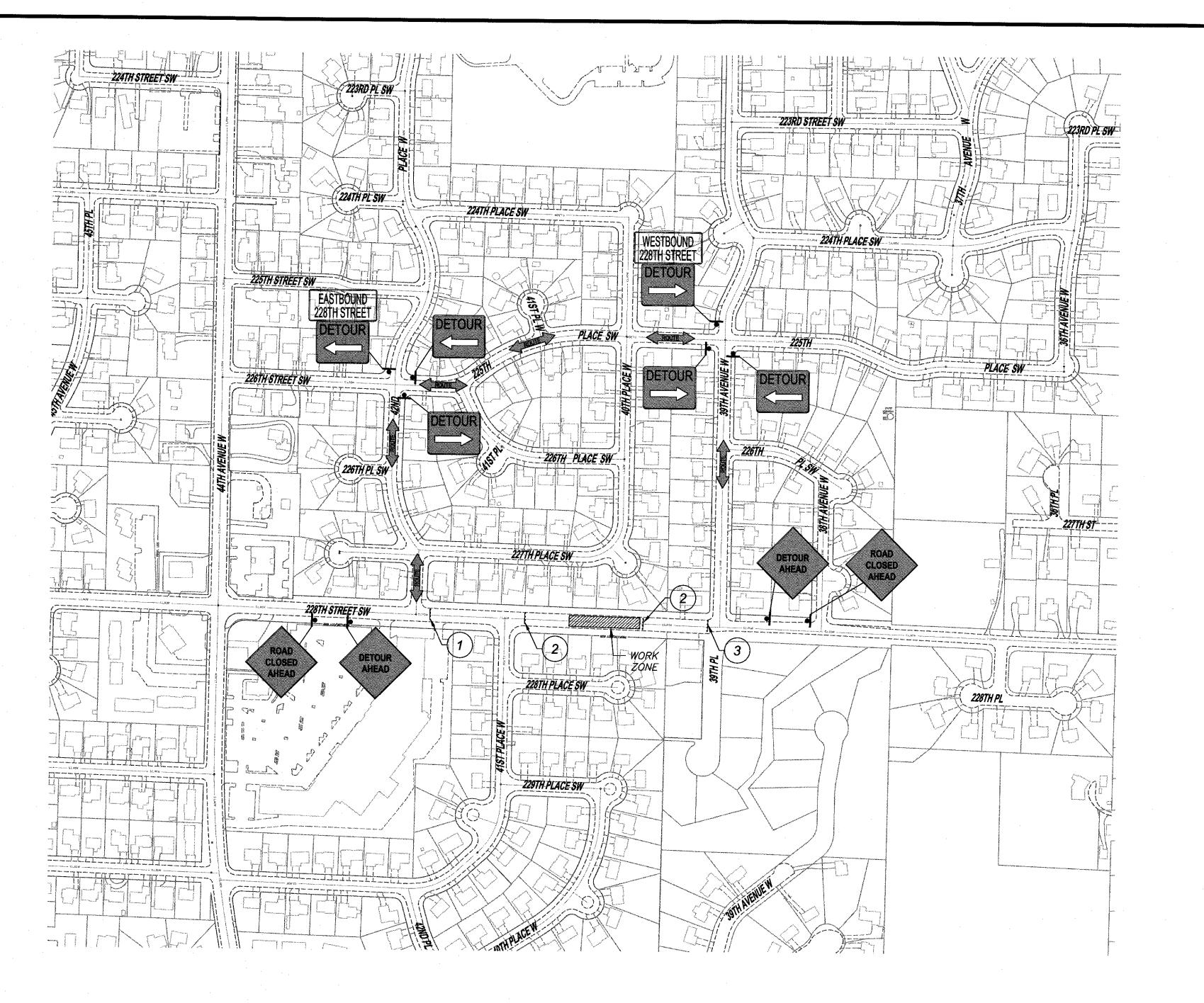
		7,00	702.00	207	
3		8+00	428.97	20+50	
8		8+50	425.11	21+00	
5		9+00	421.68	21+50	
0	}	9+50	418.66	22+00	
2		10+00	416.09	22+50	
1		10+50	414.03	23+00	
5		11+00	412.44	23+50	
2		11+50	411.10	24+00	
2		12+00	410.32	24+50	
8		12+50	410.14	25+00	
2		13+00	410.45	25+50	
5		13+50	410.66	26+00	
0		14+00	410.87	26+50	
3		14+50	410.96	27+00	
8		15+00	410.96	27+50	

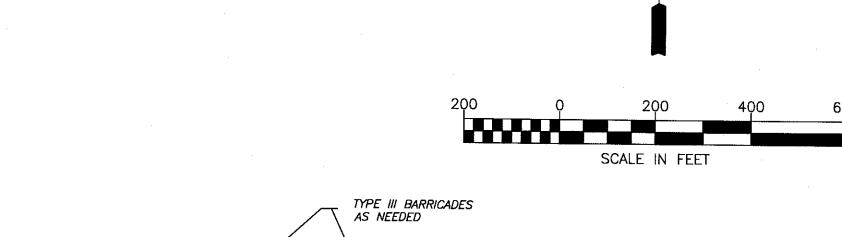
NOTE: PK NAILS SET AT STATIONS LISTED BELOW

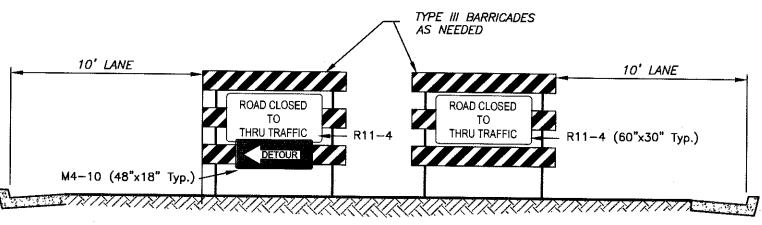




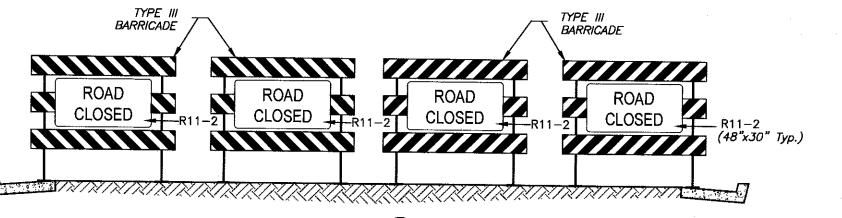




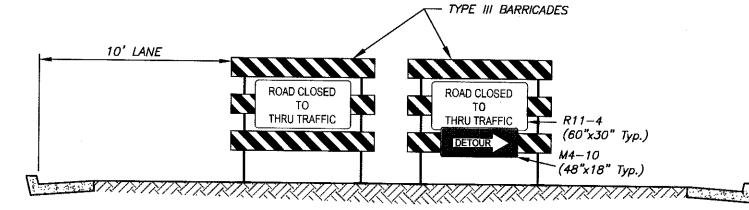




SETUP (1)



SETUP 2

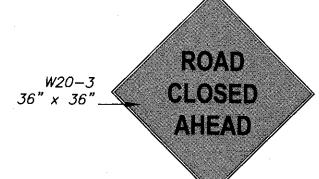


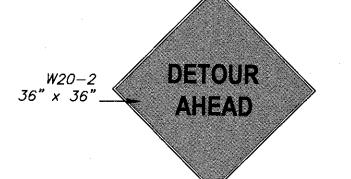
SET UP (3)

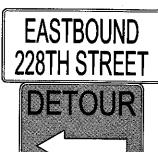


SIGN NOTES

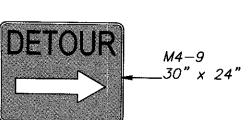
- 1. CONTRACTOR TO FIELD VERIFY AND ADJUST SIGNAGE AS NECESSARY. LOCATIONS SHOWN ARE APPROXIMATE. ADDITIONAL SIGNAGE MAY BE REQUIRED, AS DIRECTED BY THE TRAFFIC CONTROL SUPERVISOR AND PROJECT ENGINEER.
- 2. ALL TEMPORARY "NO PARKING" IS TO BE COORDINATED WITH THE CITY'S INSPECTOR (TOM MOEHRLE, 425-744-6277). TEMPORARY "NO PARKING" SIGNS ARE TO BE IN PLACE 72 HOURS PRIOR TO THE EFFECTIVE DATE AND TIME ON THE SIGNS. SEE CONTRACT PROVISIONS SECTIONS 1-07.23(1)A AND 1-10.1(2).













WESTBOUND

228TH STREET

DETOUR

TRAFFIC CONTROL NOTES

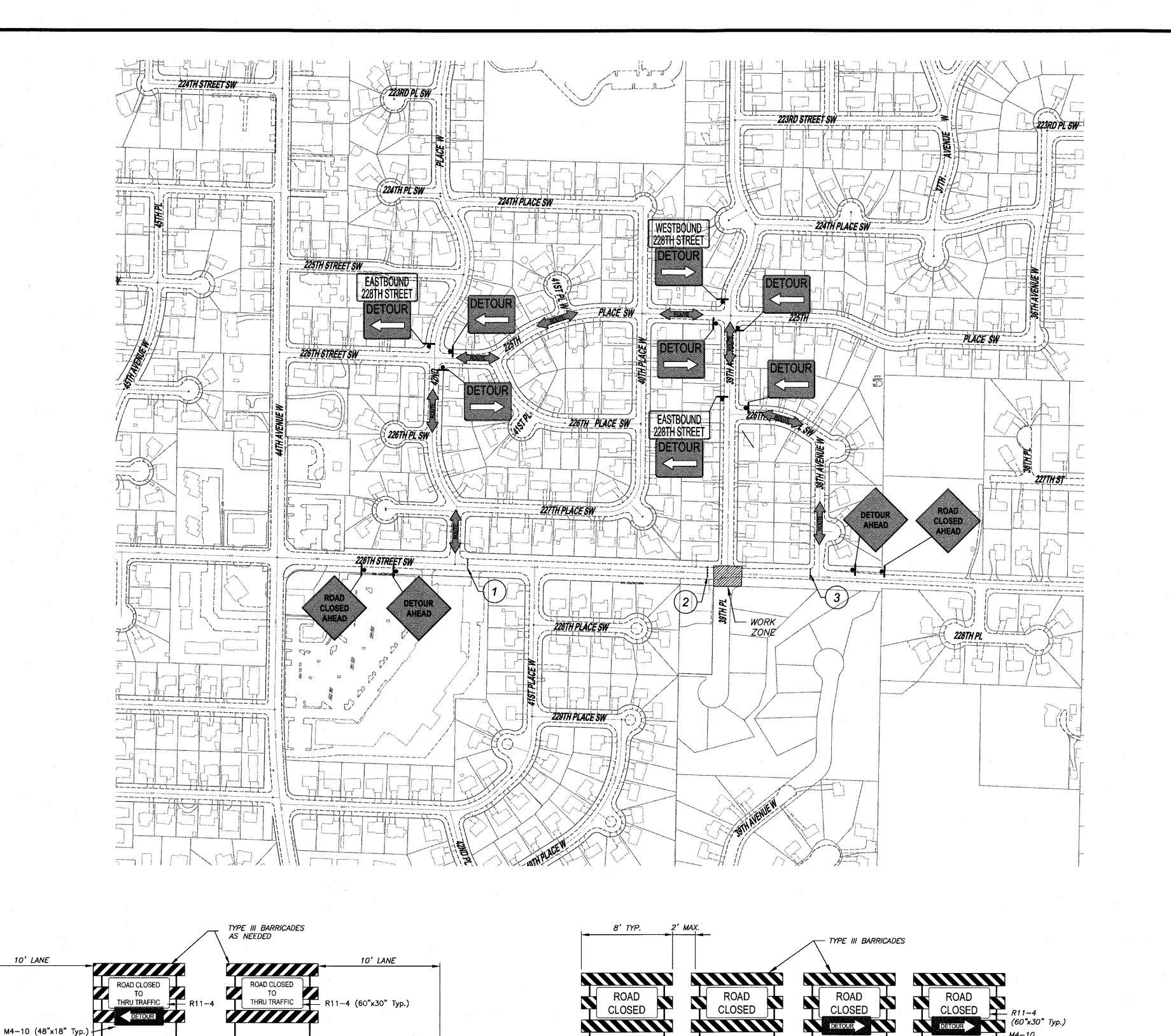
- 1. WHEN WORK AFFECTS MULTIPLE CORNERS OF AN INTERSECTION, THE CONTRACTOR SHALL PHASE THE WORK TO ALLOW PEDESTRIAN ACCESS ON AT LEAST THREE LEGS OF THE INTERSECTION AT A TIME. WITH PRIOR APPROVAL, THE CONTRACTOR MAY PROVIDE A TEMPORARY PEDESTRIAN PATHWAY AROUND THE WORK AREA WHICH WILL BE AT NO COST TO THE CITY. THE TEMPORARY PEDESTRIAN PATHWAY SHALL MEET THE STANDARDS AND GUIDELINES STATED IN THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), PART VI, SECTIONS 6D.01 AND 6D.02.
- 2. CONSTRUCTION ACTIVITY, LANE CLOSURES, OR ACTIVITIES THAT IMPEDE OR MAY POTENTIALLY IMPEDE TRAFFIC SHALL ONLY OCCUR MONDAY THROUGH FRIDAY, BETWEEN 7:00 AM AND 6:00 PM ON LOCAL STREETS AND BETWEEN 9:00 AM TO 4:00 PM ON 44TH AVENUE W/CEDAR WAY, 228TH STREET SW, AND 39TH AVENUE W. COORDINATION WILL ALSO BE REQUIRED WITH EDMONDS SCHOOL DISTRICT PER CONTRACT SPECIAL PROVISIONS 1-10.2(1)A. FURTHER RESTRICTIONS ARE SET FORTH IN SECTIONS 1-07.23(1)A, 1-07.23(1)B AND
- 1-07.23(2) OF THE SPECIAL PROVISIONS. 3. SEE SECTIONS 1-05.18 AND 1-10.2(1)A OF THE SPECIAL PROVISIONS FOR NOTIFICATION REQUIREMENTS FOR COMMUNITY TRANSIT AND OTHER AFFECTED
- 4. SEE WSDOT STANDARD PLAN K-34.20-00, INTERSECTION PEDESTRIAN DETOUR, AND MLT STANDARD PLAN 113, SIDEWALK DETOUR, IN THE APPENDIX OF THE CONTRACT PROVISIONS FOR PEDESTRIAN DETOURS.

5. SEE WSDOT K SERIES STANDARD PLANS INCLUDED IN THE APPENDIX OF THE CONTRACT PROVISIONS FOR TEMPORARY TRAFFIC CONTROL.

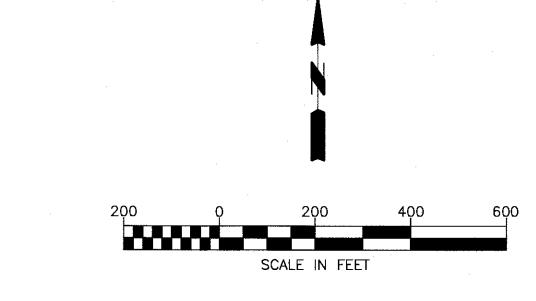


A DRAIN IMPROVEMENT PROJECT No. 2012-03 EAST STORN MLT

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SET UP 3



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IPROVEMENTS No. 2012-03

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DETOUR

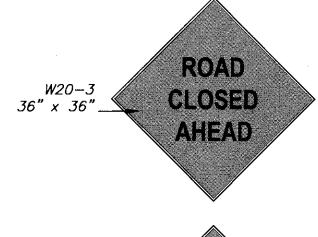
WATER

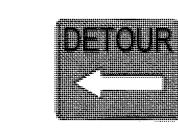
SIGN NOTES

- 1. CONTRACTOR TO FIELD VERIFY AND ADJUST SIGNAGE AS NECESSARY. LOCATIONS SHOWN ARE APPROXIMATE. ADDITIONAL SIGNAGE MAY BE REQUIRED, AS DIRECTED BY THE TRAFFIC CONTROL SUPERVISOR AND PROJECT ENGINEER.
- 2. ALL TEMPORARY "NO PARKING" IS TO BE COORDINATED WITH THE CITY'S INSPECTOR (TOM MOEHRLE, 425-744-6277). TEMPORARY "NO PARKING" SIGNS ARE TO BE IN PLACE 72 HOURS PRIOR TO THE EFFECTIVE DATE AND TIME ON THE SIGNS. SEE CONTRACT PROVISIONS SECTIONS 1-07.23(1)A AND 1-10.1(2).

TRAFFIC CONTROL NOTES

- 1. WHEN WORK AFFECTS MULTIPLE CORNERS OF AN INTERSECTION, THE CONTRACTOR SHALL PHASE THE WORK TO ALLOW PEDESTRIAN ACCESS ON AT LEAST THREE LEGS OF THE INTERSECTION AT A TIME. WITH PRIOR APPROVAL. THE CONTRACTOR MAY PROVIDE A TEMPORARY PEDESTRIAN PATHWAY AROUND THE WORK AREA WHICH WILL BE AT NO COST TO THE CITY. THE TEMPORARY PEDESTRIAN PATHWAY SHALL MEET THE STANDARDS AND GUIDELINES STATED IN THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), PART VI, SECTIONS 6D.01 AND 6D.02.
- 2. CONSTRUCTION ACTIVITY, LANE CLOSURES, OR ACTIVITIES THAT IMPEDE OR MAY POTENTIALLY IMPEDE TRAFFIC SHALL ONLY OCCUR MONDAY THROUGH FRIDAY. BETWEEN 7:00 AM AND 6:00 PM ON LOCAL STREETS AND BETWEEN 9:00 AM TO 4:00 PM ON 44TH AVENUE W/CEDAR WAY, 228TH STREET SW, AND 39TH AVENUE W. COORDINATION WILL ALSO BE REQUIRED WITH EDMONDS SCHOOL DISTRICT PER CONTRACT SPECIAL PROVISIONS 1-10.2(1)A. FURTHER RESTRICTIONS ARE SET FORTH IN SECTIONS 1-07.23(1)A, 1-07.23(1)B AND 1-07.23(2) OF THE SPECIAL PROVISIONS.
- 3. SEE SECTIONS 1-05.18 AND 1-10.2(1)A OF THE SPECIAL PROVISIONS FOR NOTIFICATION REQUIREMENTS FOR COMMUNITY TRANSIT AND OTHER AFFECTED
- 4. SEE WSDOT STANDARD PLAN K-34.20-00, INTERSECTION PEDESTRIAN DETOUR, AND MLT STANDARD PLAN 113, SIDEWALK DETOUR, IN THE APPENDIX OF THE CONTRACT PROVISIONS FOR PEDESTRIAN DETOURS.
- 5. SEE WSDOT K SERIES STANDARD PLANS INCLUDED IN THE APPENDIX OF THE CONTRACT PROVISIONS FOR TEMPORARY TRAFFIC CONTROL.



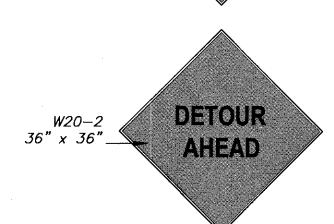


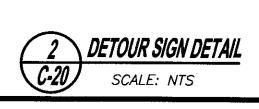


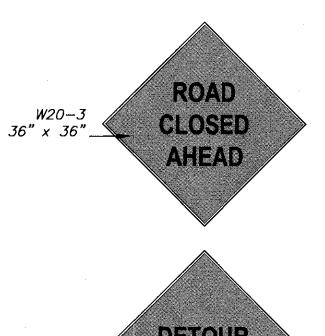
EASTBOUND

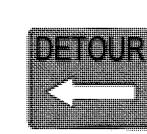
228TH STREET

DETOUR













SETUP (1)

ROAD CLOSED ROAD CLOSED ROAD CLOSED ROAD CLOSED ROAD CLOSED

SETUP 2

BARRICADE

TYPE III BARRICADE

