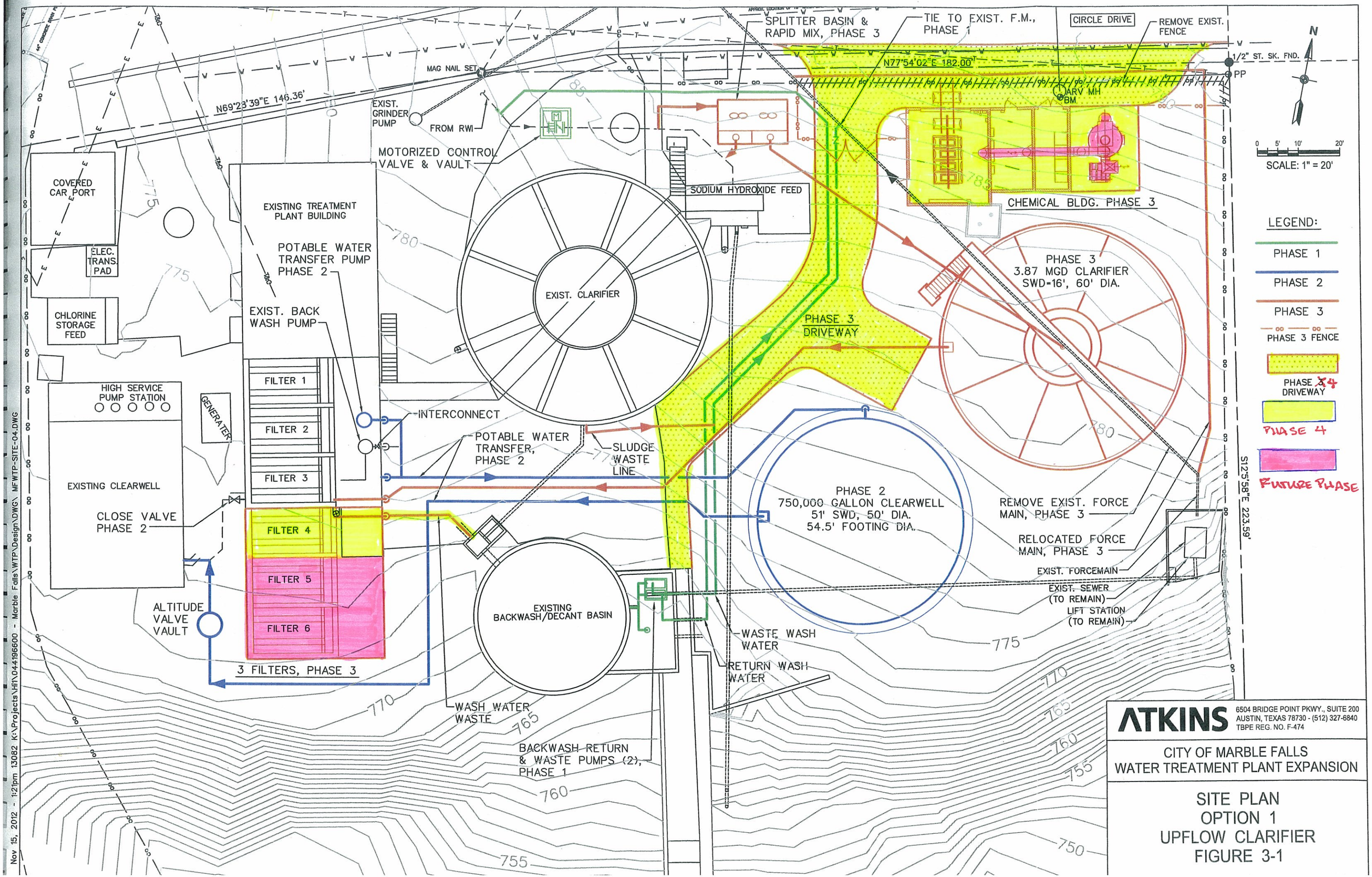
SPLITTER BASIN & RAPID MIX, PHASE 3
TIE TO EXIST. F.M., PHASE 1
CIRCLE DRIVE
REMOVE EXIST. FENCE
1/2" ST. SK. FND.
PP
N77°54'02"E 182.00'
ARV MH
BM
MAG NAIL SET
N69°23'39"E 146.36'
EXIST. GRINDER PUMP
FROM RWI
MOTORIZED CONTROL VALVE & VAULT
COVERED CAR PORT
ELEC. TRANS. PAD
CHLORINE STORAGE FEED
EXISTING TREATMENT PLANT BUILDING
POTABLE WATER TRANSFER PUMP PHASE 2
EXIST. BACK WASH PUMP
EXIST. CLARIFIER
SODIUM HYDROXIDE FEED
CHEMICAL BLDG. PHASE 3
PHASE 3 3.87 MGD CLARIFIER SWD=16', 60' DIA.
PHASE 3 DRIVEWAY
HIGH SERVICE PUMP STATION
GENERATOR
EXISTING CLEARWELL
FILTER 1
FILTER 2
FILTER 3
FILTER 4
FILTER 5
FILTER 6
INTERCONNECT
POTABLE WATER TRANSFER, PHASE 2
SLUDGE WASTE LINE
CLOSE VALVE PHASE 2
ALTITUDE VALVE VAULT
3 FILTERS, PHASE 3
PHASE 2 750,000 GALLON CLEARWELL 51' SWD, 50' DIA. 54.5' FOOTING DIA.
REMOVE EXIST. FORCE MAIN, PHASE 3
RELOCATED FORCE MAIN, PHASE 3
EXIST. FORCEMAIN
EXIST. SEWER (TO REMAIN)
LIFT STATION (TO REMAIN)
S12°5'58"E 223.59'
EXISTING BACKWASH/DECANT BASIN
WASTE WASH WATER
RETURN WASH WATER
WASH WATER WASTE
BACKWASH RETURN & WASTE PUMPS (2), PHASE 1
N
0 5' 10' 20'
SCALE: 1" = 20'
LEGEND:
PHASE 1
PHASE 2
PHASE 3
PHASE 3 FENCE
PHASE ~~3~~ 4 DRIVEWAY
PHASE 4
FUTURE PHASE
ATKINS
6504 BRIDGE POINT PKWY., SUITE 200
AUSTIN, TEXAS 78730 - (512) 327-6840
TBPE REG. NO. F-474
CITY OF MARBLE FALLS
WATER TREATMENT PLANT EXPANSION
SITE PLAN
OPTION 1
UPFLOW CLARIFIER
FIGURE 3-1
Nov 15, 2012 - 1:21pm 13082 K:\Projects\Hill\044196600 - Marble Falls\WTP\Design\DWG\ MFWTP-SITE-04.DWG