

**ALTERNATIVE 1
FORCE MAIN TO GRACE SEWER**

FUTURE CSO STORM WATER
TREATMENT PIPING - INSTALLED
DURING THIS PROJECT

STORM WATER INFILTRATION
POND CONSTRUCTED DURING
IO-3 TANK CONSTRUCTION



PROPOSED STORM
WATER TREATMENT

T. J. MEENACH DR.

COCHRAN STREET

GRACE AVENUE

NORTHWEST BLVD

MH 2

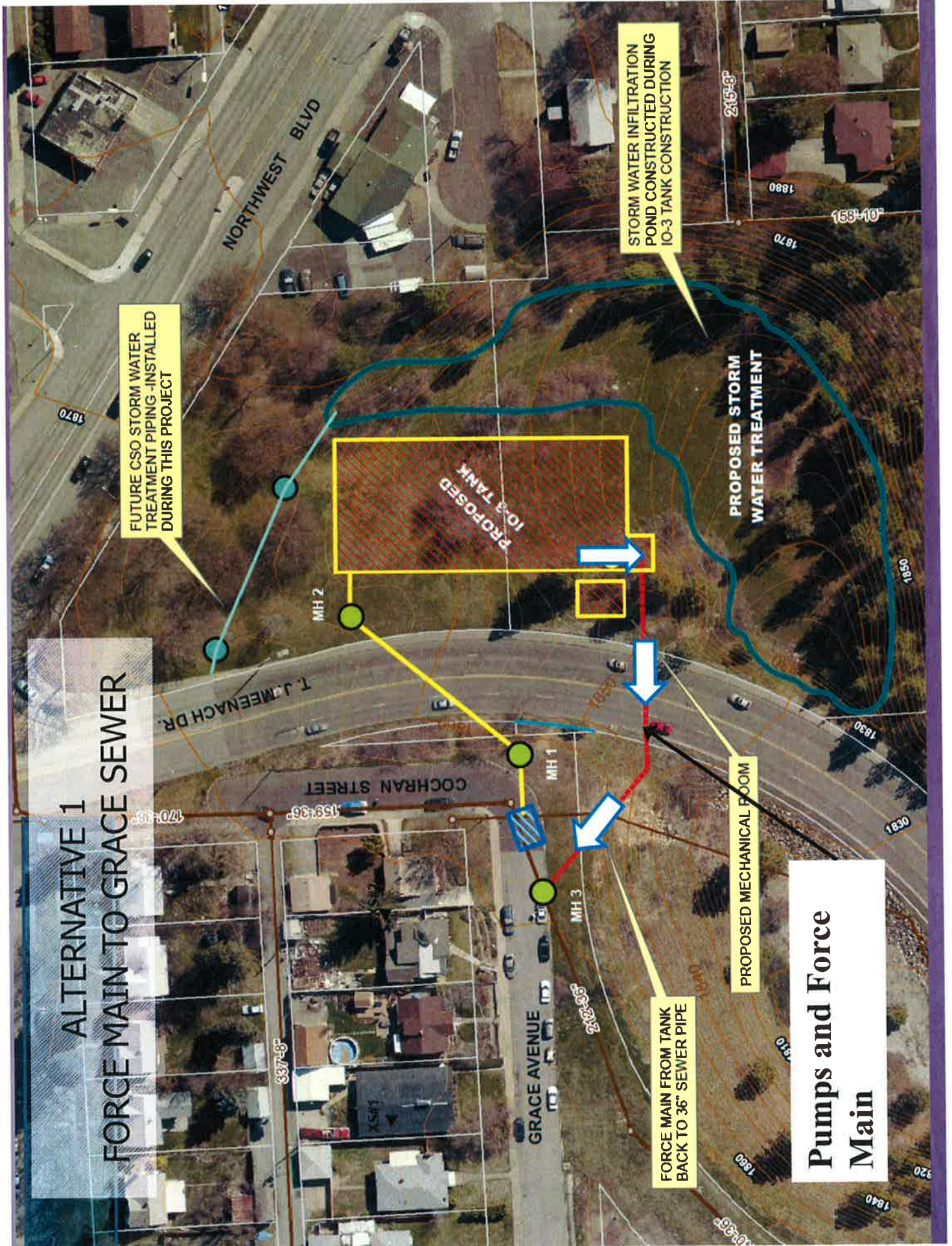
MH 1

MH 3

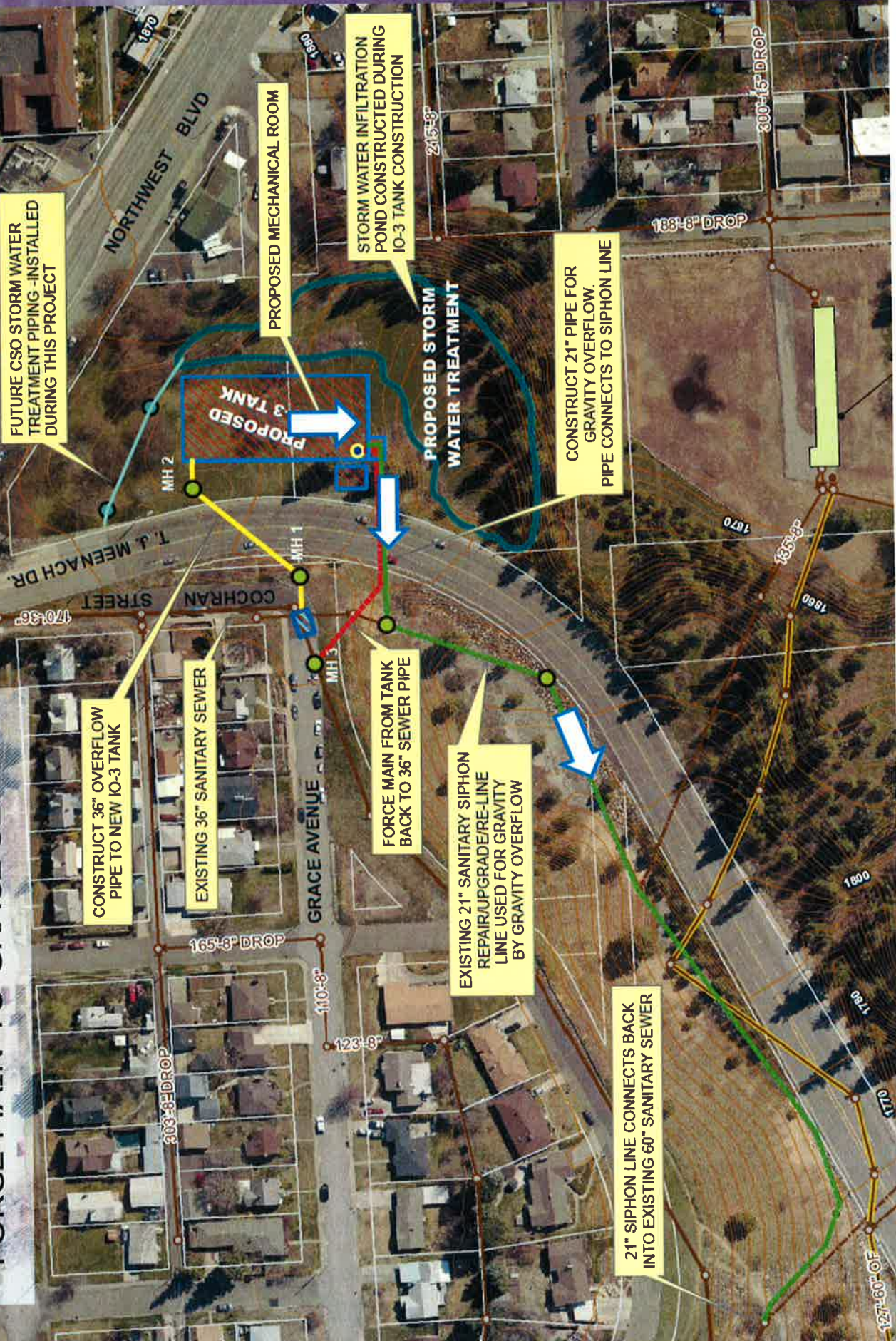
PROPOSED MECHANICAL ROOM

FORCE MAIN FROM TANK
BACK TO 36" SEWER PIPE

**Pumps and Force
Main**



ALTERNATIVE 2 FORCE MAIN TO GRACE SEWER



FUTURE CSO STORM WATER TREATMENT PIPING - INSTALLED DURING THIS PROJECT

CONSTRUCT 36" OVERFLOW PIPE TO NEW IO-3 TANK

PROPOSED 10-3 TANK

PROPOSED MECHANICAL ROOM

STORM WATER INFILTRATION POND CONSTRUCTED DURING IO-3 TANK CONSTRUCTION

PROPOSED STORM WATER TREATMENT POND

EXISTING 21" SANITARY SIPHON REPAIR/UPGRADE/RE-LINE LINE USED FOR GRAVITY BY GRAVITY OVERFLOW

FORCE MAIN FROM TANK BACK TO 36" SEWER PIPE

CONSTRUCT 21" PIPE FOR GRAVITY OVERFLOW. PIPE CONNECTS TO SIPHON LINE

21" SIPHON LINE CONNECTS BACK INTO EXISTING 60" SANITARY SEWER

403'-36" DROP

418'-36" DROP

170'-36" DROP

300'-8" DROP

165'-8" DROP

123'-8" DROP

110'-8" DROP

215'-8" DROP

188'-8" DROP

300'-15" DROP

1870

1855

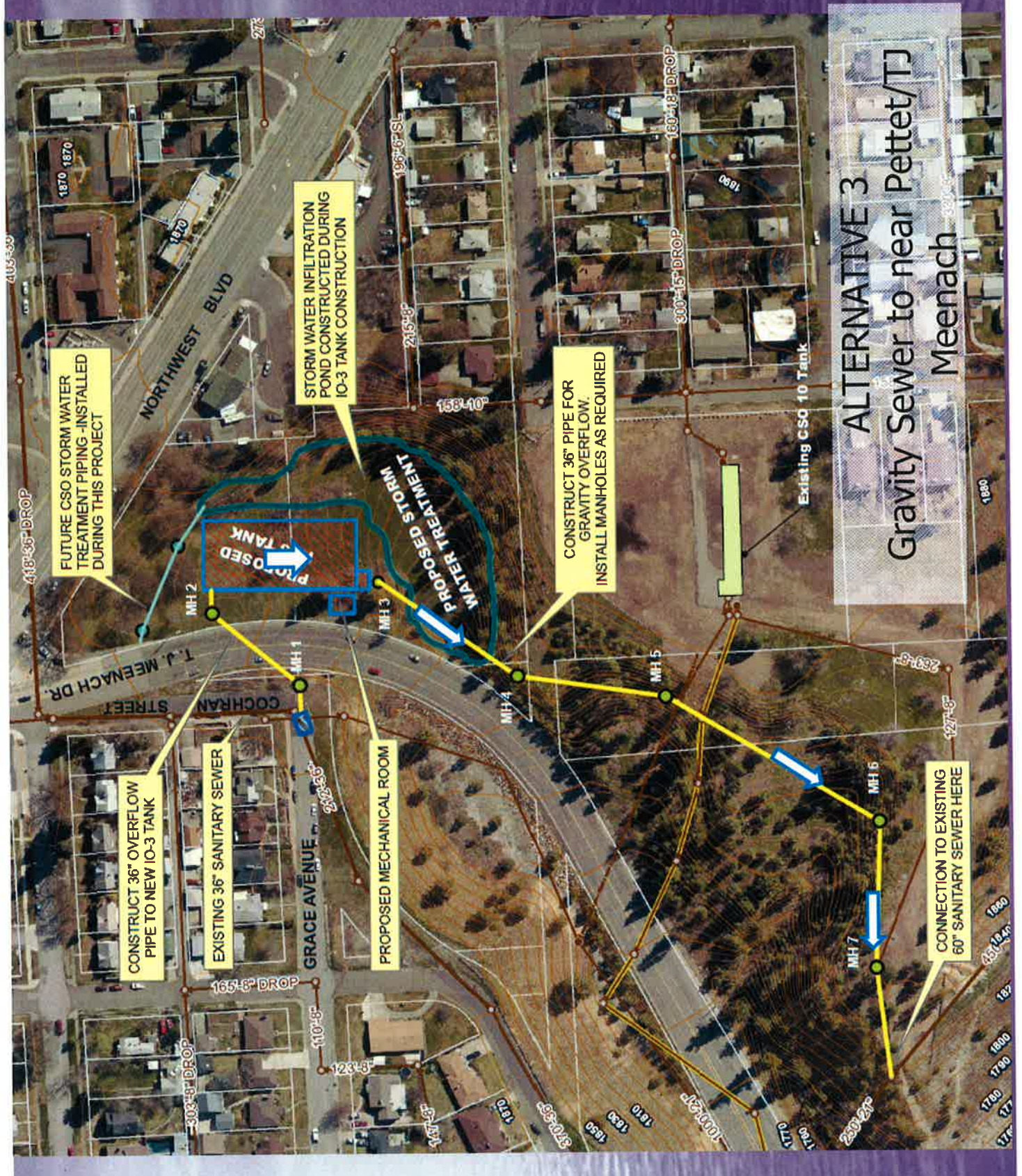
1860

1800

1780

1770

127'-60" OF



FUTURE CSO STORM WATER TREATMENT PIPING - INSTALLED DURING THIS PROJECT

STORM WATER INFILTRATION POND CONSTRUCTED DURING IO-3 TANK CONSTRUCTION

CONSTRUCT 36" PIPE FOR GRAVITY OVERFLOW. INSTALL MANHOLES AS REQUIRED

CONSTRUCT 36" OVERFLOW PIPE TO NEW IO-3 TANK

EXISTING 36" SANITARY SEWER

PROPOSED MECHANICAL ROOM

CONNECTION TO EXISTING 60" SANITARY SEWER HERE

ALTERNATIVE 3
Gravity Sewer to near Pettet/TJ Meenach

Existing CSO 10 Trank

PROPOSED IO-3 TANK

PROPOSED STORM WATER TREATMENT POND

