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### LEGEND - SITE IMPROVEMENTS

#### STRUCTURES

- PROPOSED SUPERSTRUCTURE
- STRUCTURE (TANKS, ETC.)
- EXISTING SUPERSTRUCTURE
- EXISTING UNDERGROUND STRUCTURE
- FUTURE STRUCTURE

#### UTILITY LINES

- 12" S GRAVITY SANITARY SEWER
- 8" FM SANITARY FORCEMAIN
- 8" C COMBINED SEWER
- 8" R STORM SEWER
- 12" CMP CULVERT WITH HEADWALL
- 12" W WATER MAIN
- 4" G GAS
- E E ELECTRIC CONDUIT
- UG UG UNDERGROUND ELECTRIC CABLE
- DB DB DUCT BANK
- OE OE OVERHEAD ELECTRIC
- OT OT OVERHEAD TELEPHONE
- OU OU OVERHEAD UTILITY
- T T TELEPHONE
- FO FO FIBER OPTIC
- TV TV TV CABLE
- 36" S PROP. UTILITY LINE 36" AND LARGER (PLAN)
- 36" S EXISTING UTILITY LINE 36" AND LARGER (PLAN)
- 36" S PROP. UTILITY LINE 36" AND LARGER (PROFILE)
- 36" S EXIST. UTILITY LINE 36" AND LARGER (PROFILE)
- 36" CP CASING PIPE

#### FEATURE LINES

- FENCE
- GUARDRAIL
- SOIL EROSION CONTROL
- EDGE OF WATER SURFACE
- CENTERLINE OF DITCH
- WETLAND LINE
- EXISTING WETLAND AREA
- RAILROAD
- PAVED ROADWAYS
- PROPOSED PAVED ROADWAYS
- GRAVEL ROADWAYS
- ROADWAY WITH CURB AND GUTTER
- 640 PROPOSED CONTOUR & ELEVATION
- 640 EXISTING CONTOUR & ELEVATION
- EX. APPROXIMATE CONTOUR (GROUND OBSCURED)
- CENTERLINE
- MATCH LINE
- PROPERTY/R.O.W. LINE
- SECTION LINE
- ADJACENT PROPERTY W/ SAME OWNER
- EASEMENT LINE
- SETBACK LINE
- TREE/BRUSH LINE

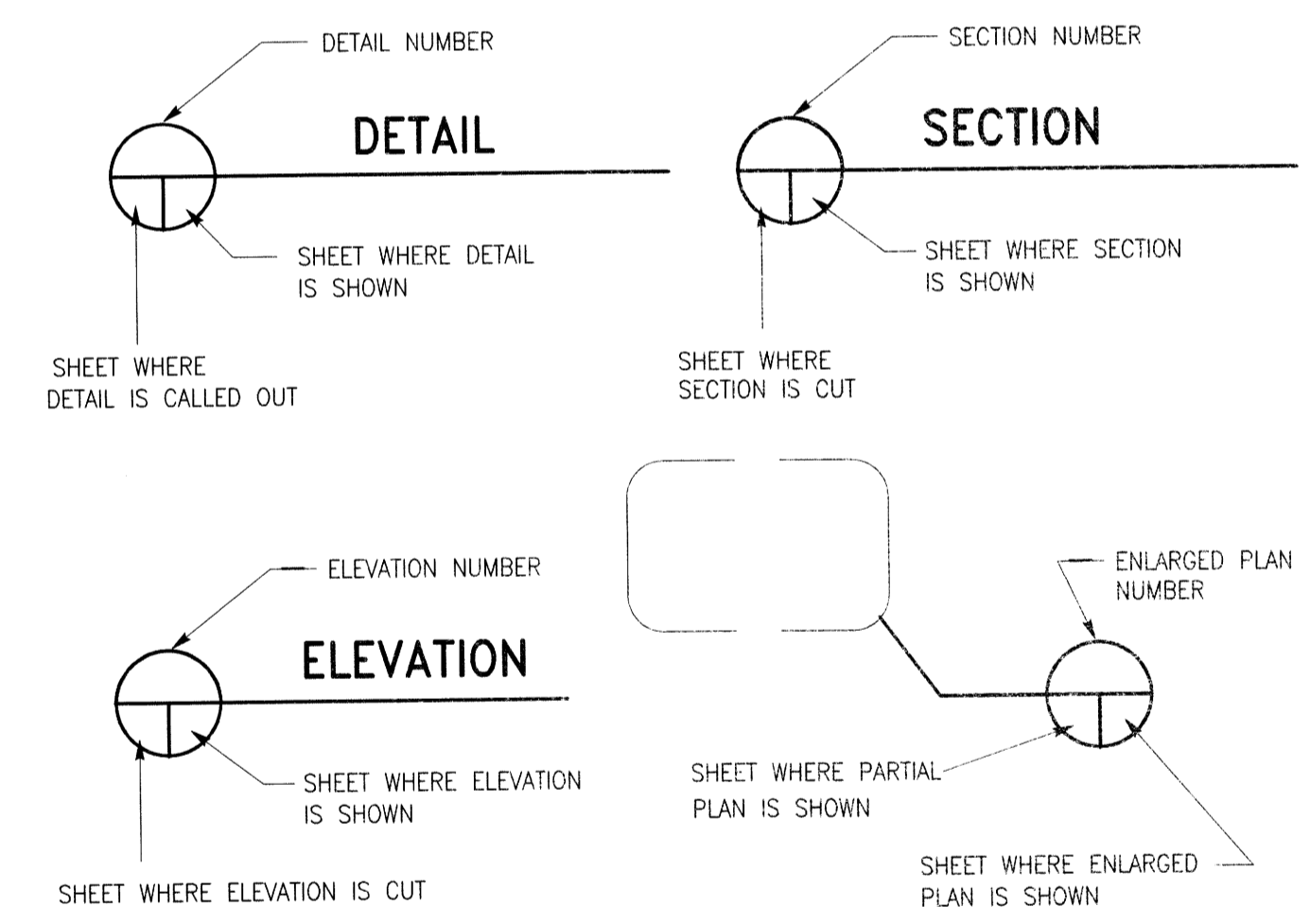
#### UTILITY SYMBOLS

- EXISTING MANHOLE
- PROPOSED MANHOLE
- CLEAN OUT
- IN-LINE FLUSHING CONNECTION
- AIR RELEASE STRUCTURE
- EXISTING DRAINAGE STRUCTURE
- PROPOSED DRAINAGE STRUCTURE
- VALVE MANHOLE
- CURB STOP AND BOX
- VALVE AND BOX
- WELL
- FIRE HYDRANT ASSEMBLY
- GAS VALVE BOX
- GAS LINE MARKER
- UTILITY, POWER, OR TEL. POLE
- GUY ANCHOR
- LIGHT - POLE OR FIXED TO STRUCTURE
- TRAFFIC SIGNAL POLE
- ELECTRIC BOX
- TELEPHONE BOX
- TELEPHONE
- CABLE BOX
- FIBER OPTIC BOX
- ELECTRICAL HAND HOLE

#### MISCELLANEOUS SYMBOLS

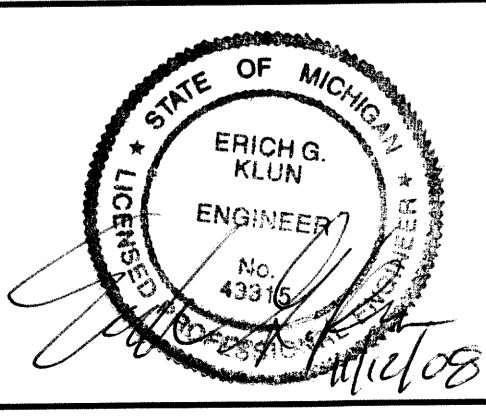
- SECTION CORNER
- PROPERTY IRON - FOUND
- PROPERTY MONUMENT - FOUND
- PROPERTY IRON - SET
- PROPERTY MONUMENT - SET
- SURVEY CONTROL POINT
- STAKEOUT COORDINATE POINT
- HORIZONTAL CURVE NUMBER
- SOIL BORING LOCATION AND NUMBER
- BENCH MARK
- DECIDUOUS TREE AND SIZE
- EVERGREEN TREE AND SIZE
- BUSH
- STUMP
- ROCK
- POST
- PARKING METER
- MAIL BOX
- SIGN
- PROPOSED TRAFFIC SIGN
- HANDICAPPED PARKING SPACE
- FINISH GRADE AT STRUCTURE
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- SOIL EROSION CONTROL MEASURE
- GEOPROBE LOCATION AND NUMBER

#### DRAWING REFERENCE SYMBOLS



NOTE: HEAVIER LINE WEIGHTS INDICATE PROPOSED WORK.

DESIGNED BY	EJC
DRAWN BY	MJB
CHECKED BY	JBD
APPROVED BY	TWL
DATE	12/08
DESCRIPTION	FINAL DESIGN ISSUED FOR ADVERTISEMENT
REVISIONS	



**SOUTHWEST WATER TREATMENT PLANT  
WASTE WASHWATER & SLUDGE TREATMENT FACILITY**

**SITE LEGEND, SYMBOLS  
AND ABBREVIATIONS**

SCALE: NONE      DATE: 11-17-08

CITY OF DETROIT  
**WATER AND SEWERAGE DEPARTMENT**  
ENGINEERING DIVISION

MDEQ PERMIT NO. **W084275**  
FED. REF. NO.

CONTRACT NO. **SW-548**  
FILE NO.

**TETRA TECH**

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