

GENERAL NOTES

1. WET WELL SECTIONS SHALL BE PRECAST CONCRETE MEETING ASTM C478
2. WET WELL SHALL HAVE PREFORMED FLEXIBLE SEALANT JOINTS MEETING ASTM C990. CONTRACTOR SHALL INSTALL EXTERNAL JOINT WRAP ON ALL WET WELL JOINTS PRIOR TO APPLYING EXTERNAL COATING. EXTERNAL JOINT WRAP SHALL BE UPPER PENINSULA RUBBER COMPANY (CADILLOC). CONSEAL (CS-212) ON APPROVAL EQUAL.
3. CONTRACTOR SHALL APPLY AN EXTERNAL WATERPROOF COATING (MINIMUM 60 MILS) TO WET WELL AS PER THE CITY PUBLIC WORKS MANUAL REQUIREMENTS.
4. CONTRACTOR SHALL APPLY A LINER (MINIMUM 125 MILS) TO THE INTERIOR OF WET WELL AS PER THE CITY PUBLIC WORKS MANUAL REQUIREMENTS.
5. ALL EXPOSED DUCTILE IRON PIPE AND FITTINGS SHALL BE BE MANUFACTURED AND DELIVERED WITH NO ASPHALTIC COATING. EXPOSED PIPE AND FITTINGS SHALL BE COATED OUTSIDE WITH A FACTORY-APPLIED, HIGH-SOLIDS EPOXY PRIMER WITH ALL EXPOSED PIPES, VALVES AND FITTINGS FIELD COATED AFTER ASSEMBLY WITH A POLYAMIDE EPOXY COATING OF 10 MILS MINIMUM THICKNESS.
6. ALL PUMP AND PIPE SIZING TO BE COMPLETE BY ENGINEER. DISCHARGE PIPING 4" MINIMUM

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Engineering Division

Standard Sewer Lift Station

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Ross Mollenhauer

Approved By Utility
Project Manager -
Ross Mollenhauer, PE

Adopted: 9/28/2020

STD - 550

INSULATED AND HEATED
ALUMINUM OR FIBERGLASS
VALVE ENCLOSURE

LIFT STATION
CONTROL PANEL

6" MIN H2O RATED
PRECAST LID

RESTRAINED
COUPLING

2" MAIN ENTRANCE
CONDUIT CONNECTION

WET WELL JOINT
(TYP). SEE NOTE 2,
SHEET 1.

DI DISCHARGE PIPE

HDPE OR C-900 PVC
DISCHARGE
FORCEMAIN

RESTRAINED
FLEX COUPLING

MODULAR WALL SEAL.

DI DISCHARGE PIPE
(TYP). SEE NOTE 5,
SHEET 1

6" MIN. COMPACTED
BEDDING GRAVEL

DI FL 90° BEND

FL PLUG VALVE

FL SWING CHECK VALVE

DOUBLE ACCESS DOOR

5'-0"X4'-0" HALLIDAY
PRODUCTS TRAFFIC RATED
H2O WATER TIGHT ACCESS
HATCH OR EQUAL

SLOPE TO DRAIN

PRIMARY LEVEL CONTROL
PRESSURE TRANSDUCER

2" SST PUMP GUIDE RAILS

PLASTIC CHAIN AND
WEIGHT

MOTOR AND
LIFTING CABLES

BACKUP FLOAT
SWITCHES (TYP)

8' DIA PRECASE CONCRETE
WET WELL.
SEE NOTES 3 AND 4, SHEET 1

SUBMERSIBLE
SEWAGE PUMP

WET WELL FLOOR ELEV.
TO BE DETERMINED BY
ENGINEER

BASE PLATE ELBOW. INSTALL
ACCORDING TO PUMP MFR'S
RECOMMENDATIONS.

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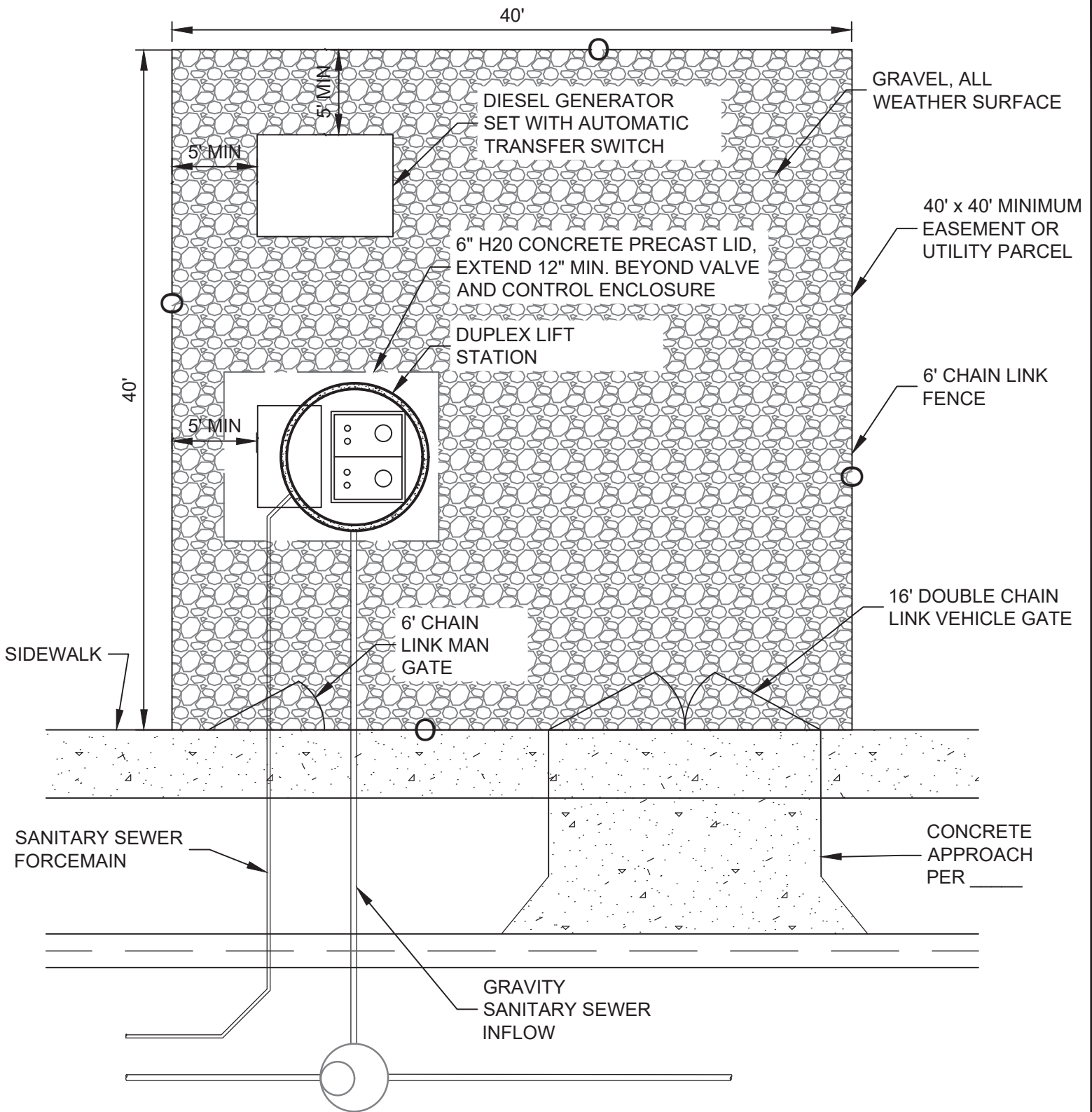
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