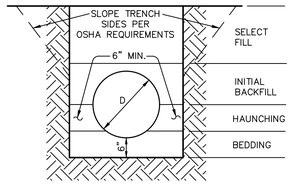


FLEXIBLE PIPE: INCLUDES CORRUGATED METAL PIPE. CORRUGATED POLYETHELENE PIPE AND/OR POLYVINYL CHLORIDE PIPE.

1. BEDDING SHALL BE COMPACTED CRUSHED STONE AND SHALL BE SHAPED TO THE BOTTOM OF THE PIPE.
2. HAUNCHING AND INITIAL BACKFILL MATERIAL SHALL BE CLASS I OR II (REF. ASTM D2321) GRANULAR MATERIAL AND SHALL BE COMPACTED TO 95% STANDARD PROCTOR.
3. SELECT FILL PLACEMENT AND COMPACTION SAME AS FOR RIGID PIPE.

TRENCH AND BEDDING DETAILS

APWA SPECIFICATIONS SECTION 2500 OR 2600 AS APPLICABLE

UNDERDRAIN SPECIFICATION

1. AGGREGATE: NO. 57 AGGREGATE (ASTM D448) SHALL BE DOUBLE-WASHED TO REDUCE SUSPENDED SOLIDS AND POTENTIAL FOR CLOGGING. THE AGGREGATE SHALL BE PLACED AS SHOWN IN THE CONTRACT DRAWINGS.
2. UNDERDRAIN: 6-INCH PERFORATED HDPE PLASTIC PIPE UNDERDRAIN WITH SOCK (AASHTO M252). INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM D2321
3. GEOTEXTILE FABRIC: (AASHTO M288). NON WOVEN

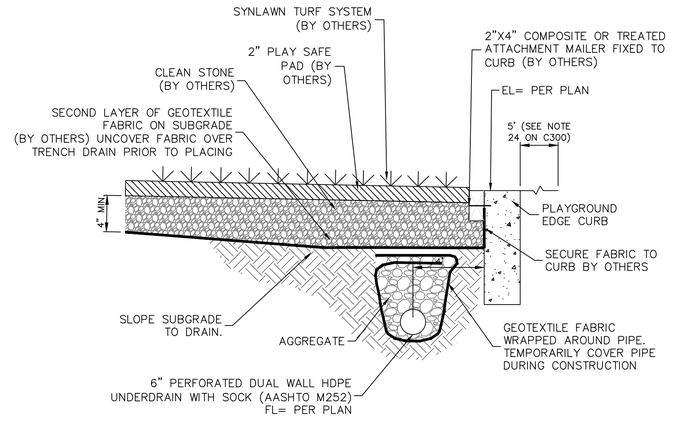
CONSTRUCTION:

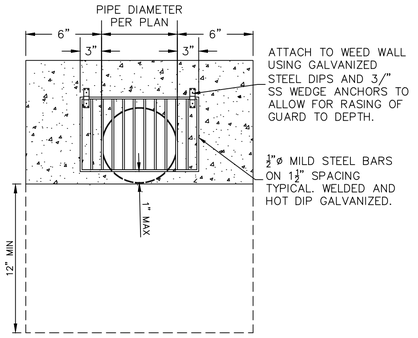
A. EXCAVATION: THE PLAYGROUND AREA SHALL BE EXCAVATED TO THE DIMENSIONS AND ELEVATIONS SHOWN ON THE CONTRACT DOCUMENTS. EXCAVATED MATERIALS SHALL BE REMOVED FROM THE PLAYGROUND SITE. EXCAVATED MATERIALS SHALL BE USED OR DISPOSED OF IN CONFORMANCE WITH THE PROJECT SPECIFICATIONS.

B. PLAYGROUND SUBGRADES SHALL BE SLOPED/RESLOPED TO PERIMETER UNDER DRAINS AS INDICATED ON PLANS. SLOPE AT 1.0% MINIMUM AS PRACTICAL.

C. UNDERDRAIN FOR PLAYGROUND: THE UNDERDRAIN SYSTEM, AGGREGATE BED, AND GEOTEXTILE FABRIC SHALL BE PLACED ACCORDING TO DIMENSIONS SHOWN ON THE CONTRACT PLANS.

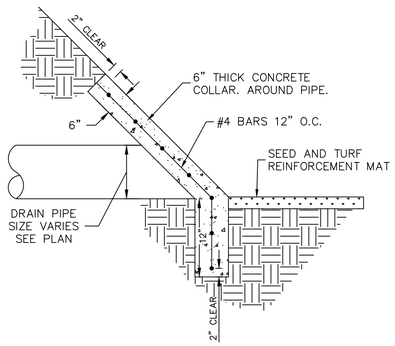
D. UNDERDRAIN SHALL BE ROUTED TO A 6-INCH NON-PERFORATED HDPE PIPE AND ROUTED TO AREA DRAIN/ DISCHARGE POINT EXTERNAL TO PLAYGROUND AREA AS NOTED ON PLANS.

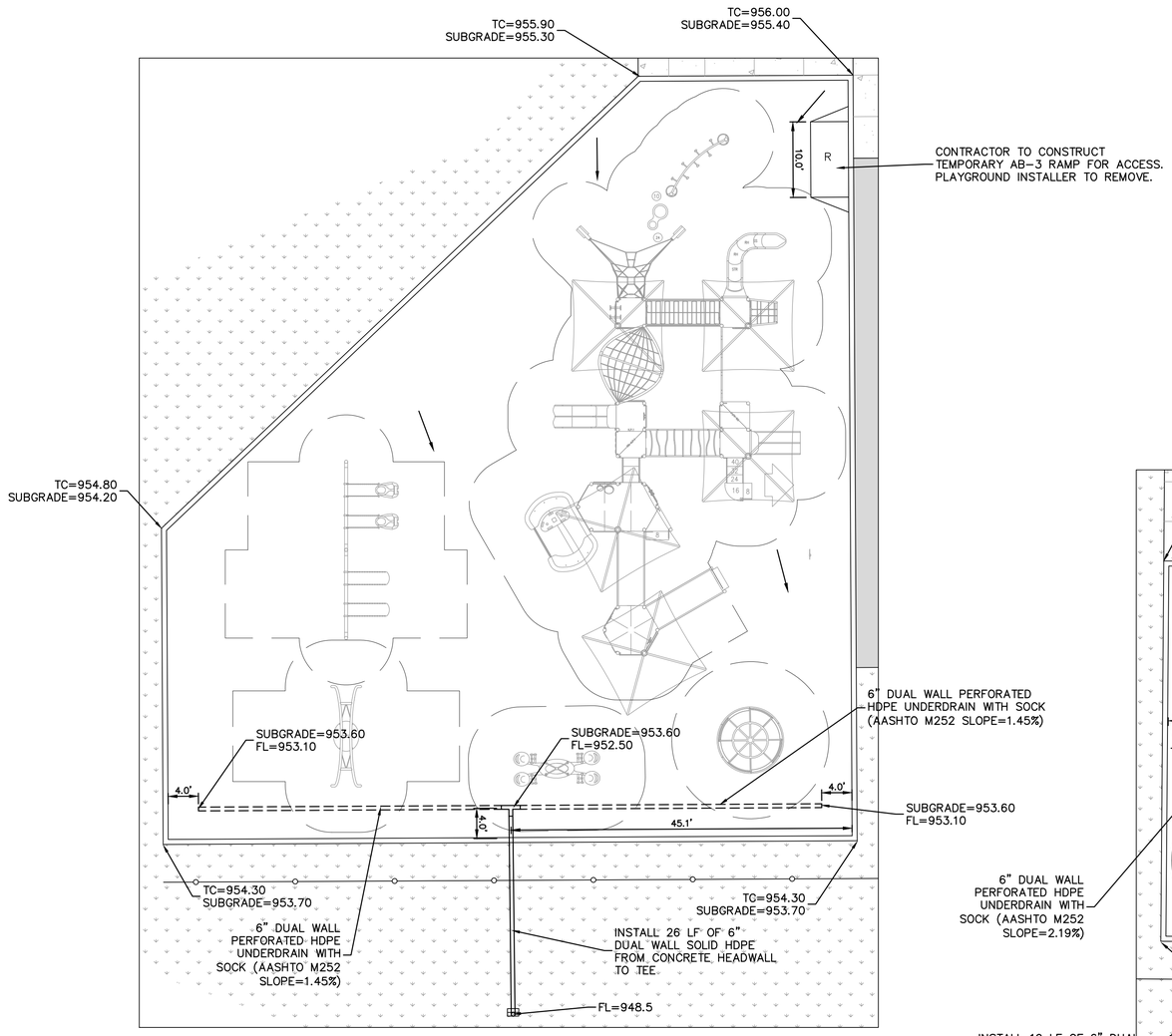




PIPE AND CONCRETE HEADWALL 600

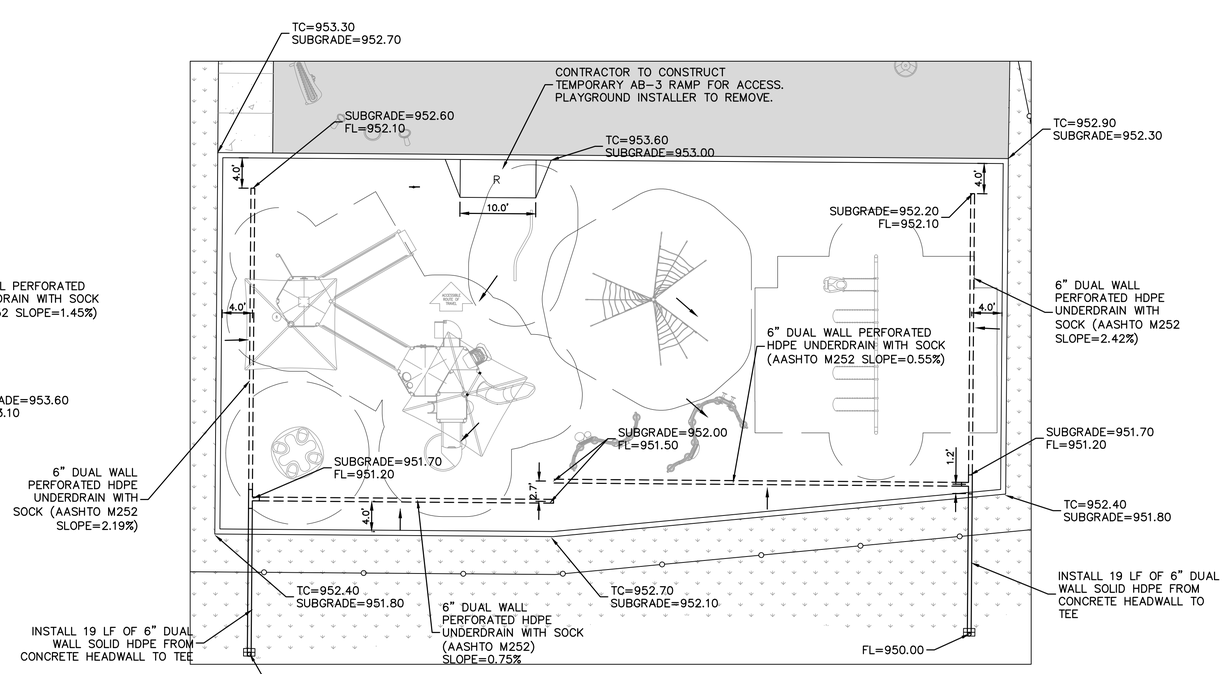
NOTES:
1. REFER TO SIDEWALK DETAIL FOR CONCRETE REQUIREMENTS.





WEST PLAYGROUND PLAN VIEW

SCALE: 1"=10'



EAST PLAYGROUND PLAN VIEW

SCALE: 1"=10'

REV	DATE	DESCRIPTION	DSN	DWN	CHK
			DDW	JQN	
1	2/16/21	ISSUED FOR BID	DDW	JQN	
0	2/1/21	CLIENT REVIEW			

STATE OF MISSOURI
DAVID D. WOOD
NUMBER PE-2011037427
PROFESSIONAL ENGINEER
2-16-21

DAVID D. WOOD
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SIEGRIST ELEMENTARY SCHOOL
1701 BRANCH STREET
PLATTE CITY, MISSOURI 64079

CONSTRUCTION DOCUMENTS
DETAILS

PROJ. NO.	C20_0482
DESIGNER	DRAWN BY
DDW	JQN
CFN	
SHEET	REV
C910	1

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