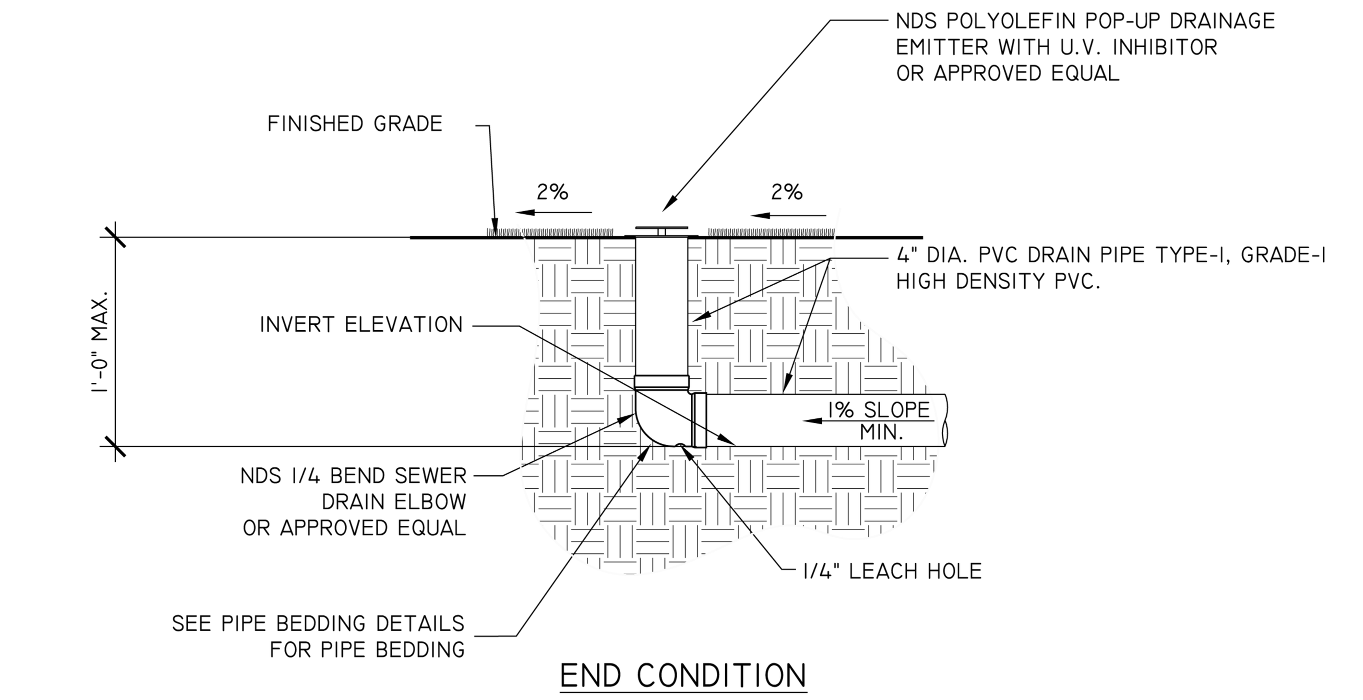
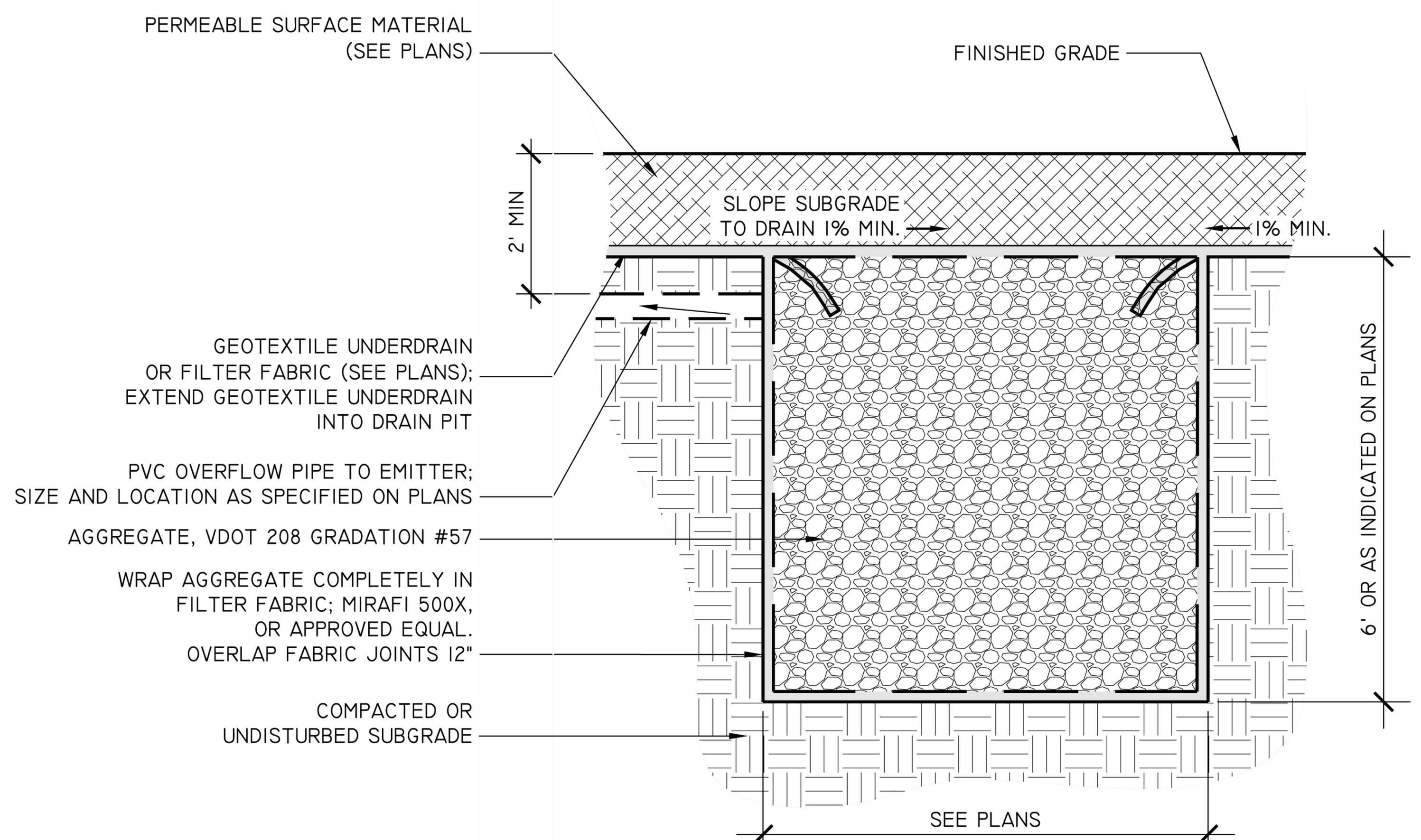
NOTES:

1. POP-UP EMITTER SHALL BE MODEL NO. 421 AS MANUFACTURED BY NDS, INC OR APPROVED EQUAL.



1 / L10.0 POP-UP DRAIN EMITTER

SECTION — 02630.16 — 1"=1'-0"



2 / L10.0 DRAIN PIT

SECTION — 02620.1 — NOT TO SCALE

LEGEND

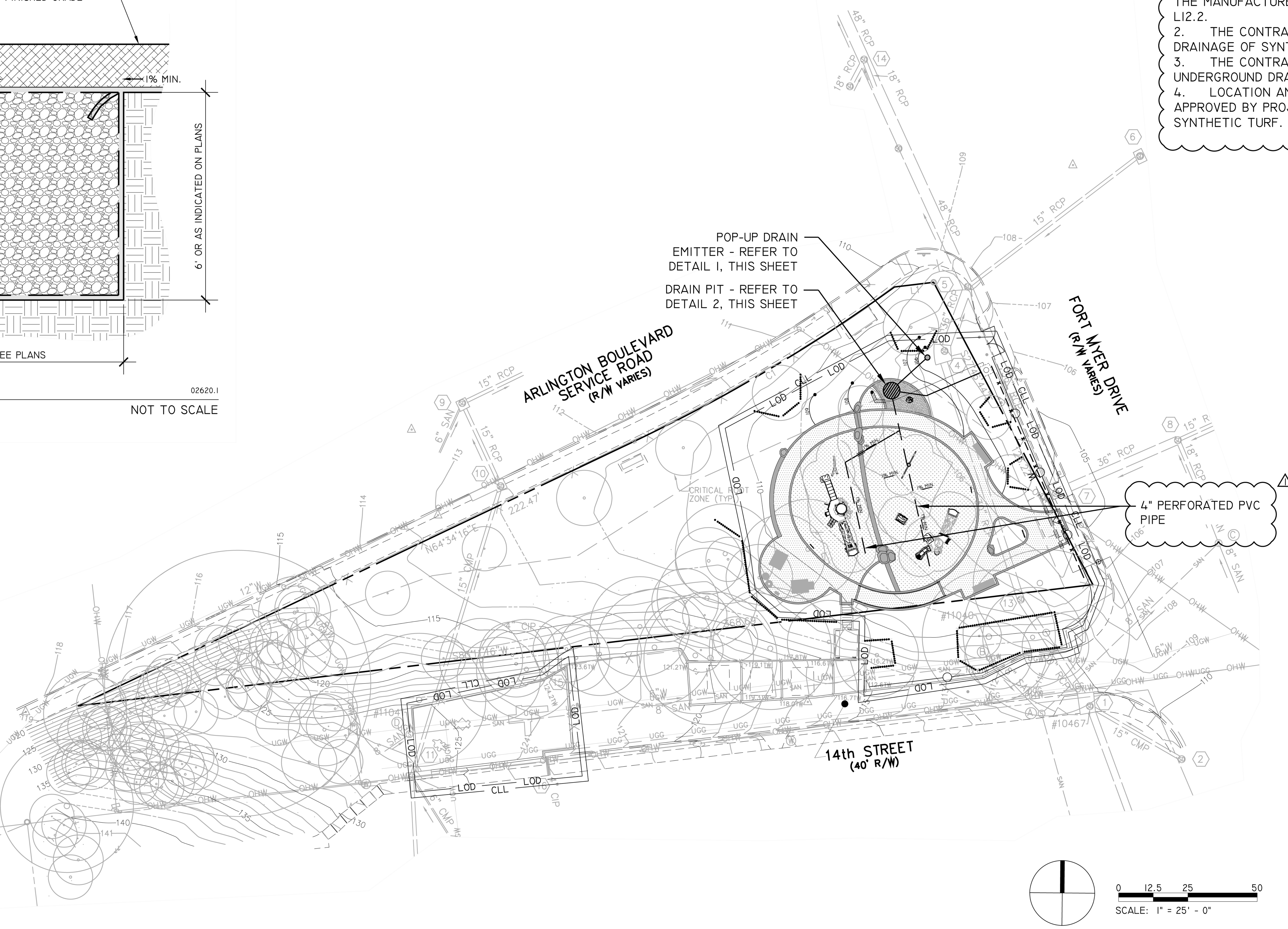
- PERVIOUS PAVEMENT
- SYNTHETIC TURF (PERMEABLE)
- PLAY SAND
- 4" NON-PERFORATED PVC PIPE - SLOPE MIN. 1% TOWARDS DRAIN PIT
- 4" PERFORATED PVC PIPE - SLOPE MIN. 1% TOWARDS DRAIN PIT
- PROPERTY LINE
- TREE PRESERVATION & PROTECTION (TYPICAL SYMBOL)
- SILT FENCE (TYPICAL SYMBOL)
- CONTRACT LIMIT LINE (CLL)*
- LOD — LIMIT OF DISTURBANCE (LOD)
- 109 — EX. CONTOUR (1' C.I.)
- 109 — PROP. CONTOUR (1' C.I.)

GENERAL NOTES:

1. THE CONTRACTOR SHALL TEST DRAINAGE SYSTEM IN THE PRESENCE OF PROJECT OFFFICER PRIOR TO BACKFILLING TO ENSURE ALL DRAINAGE IS POSITIVE.
2. DRAIN PIT LOCATIONS SHALL BE VERIFIED IN THE FIELD BY PROJECT OFFICER, PRIOR TO EXCAVATION AND INSTALLATION. MINIMUM SETBACK FROM PAVED SURFACES SHALL BE 12".
3. REFER TO GRADING PLAN, SHEET L5.0 FOR ADDITIONAL INFORMATION.

SYNTHETIC TURF SURFACING NOTES:

1. SYNTHETIC TURF SHALL BE PLAYGROUNDGRASS ULTRA, AS MANUFACTURED BY FOREVERLAWN INC., 505.217.0177 OR APPROVED EQUAL. THE CONTRACTOR SHALL INSTALL SYNTHETIC TURF AS PER THE MANUFACTURER'S SPECIFICATIONS. REFER TO DETAIL20, SHEET L12.2.
2. THE CONTRACTOR SHALL SLOPE SUBGRADE TO PROVIDE PROPER DRAINAGE OF SYNTHETIC TURF AREAS.
3. THE CONTRACTOR SHALL VERIFY LOCATION OF EXISTING UNDERGROUND DRAIN PIPE.
4. LOCATION AND LAYOUT OF DRAINAGE SYSTEM SHALL BE APPROVED BY PROJECT OFFICER PRIOR TO THE INSTALLATION OF SYNTHETIC TURF.



0 12.5 25 50

SCALE: 1" = 25' - 0"

SANITARY SEWER TABLE

(A) SANITARY MANHOLE
TOP = 111.63
8" CIP INV. IN = 101.53 (FROM E)
8" CIP INV. IN = 105.99 (FROM B)
8" CIP INV. OUT = 100.93

(B) SANITARY MANHOLE
TOP = 112.50
8" CIP INV. IN = 106.90
8" CIP INV. OUT = 106.87

(C) SANITARY MANHOLE
TOP = 107.17
8" CIP INV. IN = 100.18 (FROM S.)
8" CIP INV. IN = 100.09 (FROM A)
8" CIP INV. OUT = 100.05

(D) SANITARY MANHOLE
TOP = 126.04
8" CIP INV. IN = 120.95 (FROM BLDG.)
8" CIP INV. OUT = 120.92

(E) SANITARY MANHOLE
TOP = 119.73
8" CIP INV. IN = 111.81
8" CIP INV. OUT = 111.69

CONSTRUCTION ABBREVIATIONS (AS APPLICABLE)

ALIGN	ALIGNMENT
CONC	CONCRETE
PA	PLANTING AREA
SYM	SYMBOL
TYP	TYPICAL
VAR	VARIOUS

ARLINGTON VIRGINIA

DEPARTMENT OF PARKS AND RECREATION
Park Development Division
2100 Clarendon Boulevard, Suite 414
Arlington, VA 22201
Phone: 703.228.3323
Fax: 703.228.3328

IFB #617-12

Project Name and Location

Ft Myer Heights Playground Reconstruction

1400 N. Fort Myer Drive
Arlington, VA

Sheet Title

Play Area Drainage Plan

Approvals	Date
Department Director	2/27/12
Park Development Division Chief	2/21/12
Design Unit Supervisor	2/21/12

Revisions	Date
⚠	

Designed: AW
Drawn: AW
Checked: BG

Filename: Play Area Drainage Plan.dw
Plotted: May 09, 2012

Scale: AS_SHOWN
Date: DATE

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

FT MYER HEIGHTS PLAYGROUND RECONSTRUCTION
PLAY AREA DRAINAGE PLAN
ARLINGTON COUNTY PROJECT / BY-RIGHT

SCALE: AS SHOWN	DESIGNED:	CHECKED:
SUBMITTED DATE:	APPROVED DATE: CHIEF TRANSP. PLANNING BUREAU	APPROVED DATE: CHIEF TRANSP. ENGINEERING BUREAU
APPROVED DATE: CHIEF WATER, SEWER, & STR. BUREAU	APPROVED DATE: CHIEF ENGINEERING BUREAU	APPROVED DATE: DIRECTOR OF ENV. SERVICES
SHEET L10.0	CONTRACT H-	SHEET 10 OF 14

L:\Division\Park Development\Projects\Fort Myer Heights Park\Playground\Design\CAD\CDs\