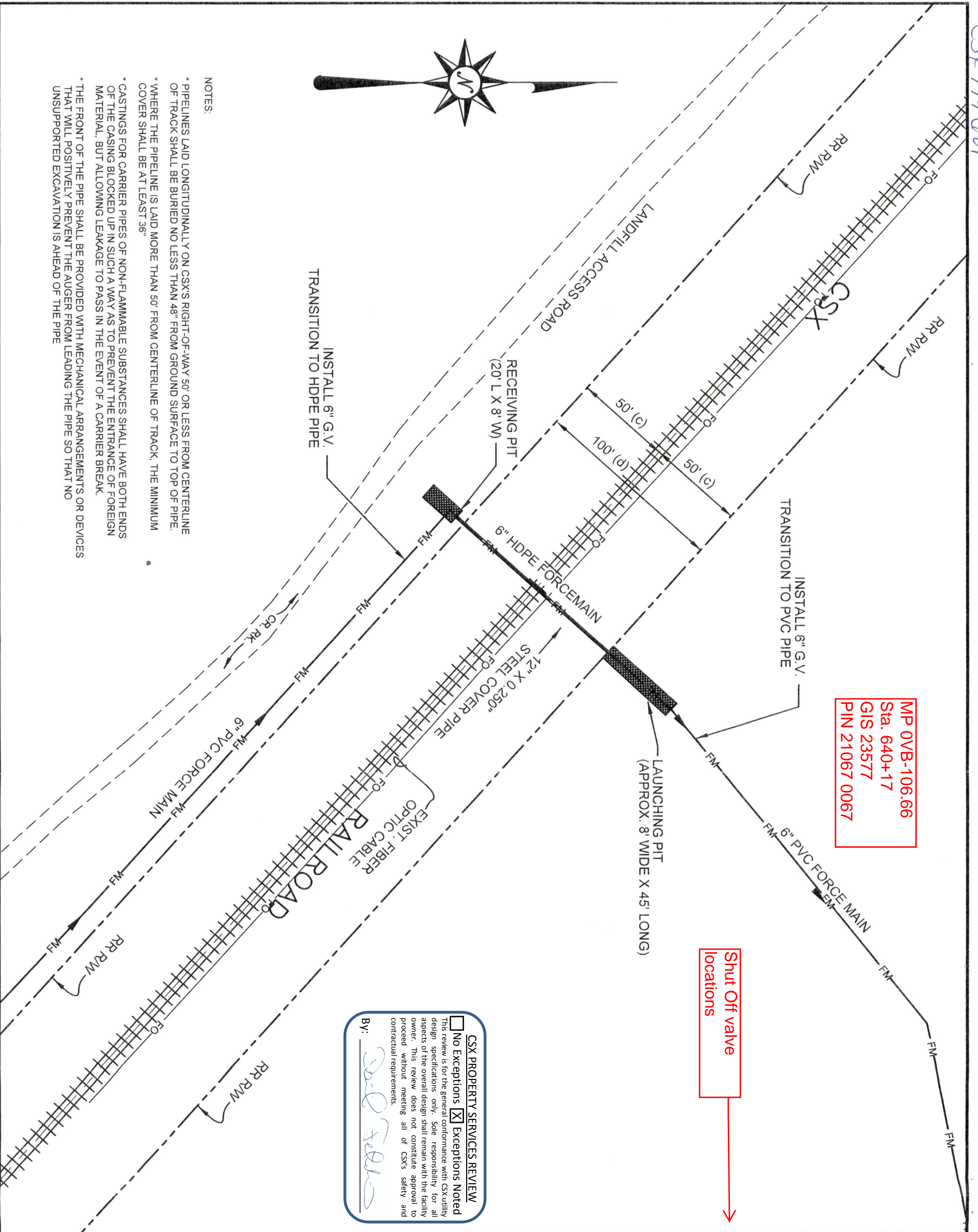


CSX 794 001



MP 0VB-106.66
Sta. 640+17
GIS 23577
PIN 21067 0067

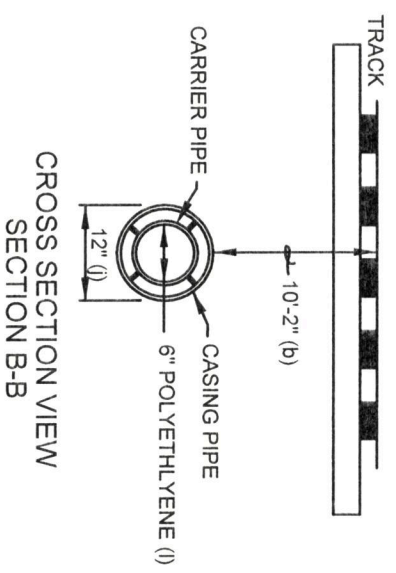
Shut Off valve locations

CSX PROPERTY SERVICES REVIEW
 No Exceptions Exceptions Noted
 This review is for the general conformance with CSX utility design specifications only. Sole responsibility for all aspects of the overall design shall remain with the facility owner. This review does not constitute approval to proceed without meeting all of CSX's safety and contractual requirements.
 BY: *[Signature]*

- NOTES:**
- * PIPELINES LAID LONGITUDINALLY ON CSX'S RIGHT-OF-WAY 50' OR LESS FROM CENTERLINE OF TRACK SHALL BE BURIED NO LESS THAN 48" FROM GROUND SURFACE TO TOP OF PIPE.
 - * WHERE THE PIPELINE IS LAID MORE THAN 50' FROM CENTERLINE OF TRACK, THE MINIMUM COVER SHALL BE AT LEAST 36"
 - * CASTINGS FOR CARRIER PIPES OF NON-FLAMMABLE SUBSTANCES SHALL HAVE BOTH ENDS OF THE CASING BLOKED UP IN SUCH A WAY AS TO PREVENT THE ENTRANCE OF FOREIGN MATERIAL, BUT ALLOWING LEAKAGE TO PASS IN THE EVENT OF A CARRIER BREAK.
 - * THE FRONT OF THE PIPE SHALL BE PROVIDED WITH MECHANICAL ARRANGEMENTS OR DEVICES THAT WILL POSITIVELY PREVENT THE AUGER FROM LEADING THE PIPE SO THAT NO UNSUPPORTED EXCAVATION IS AHEAD OF THE PIPE

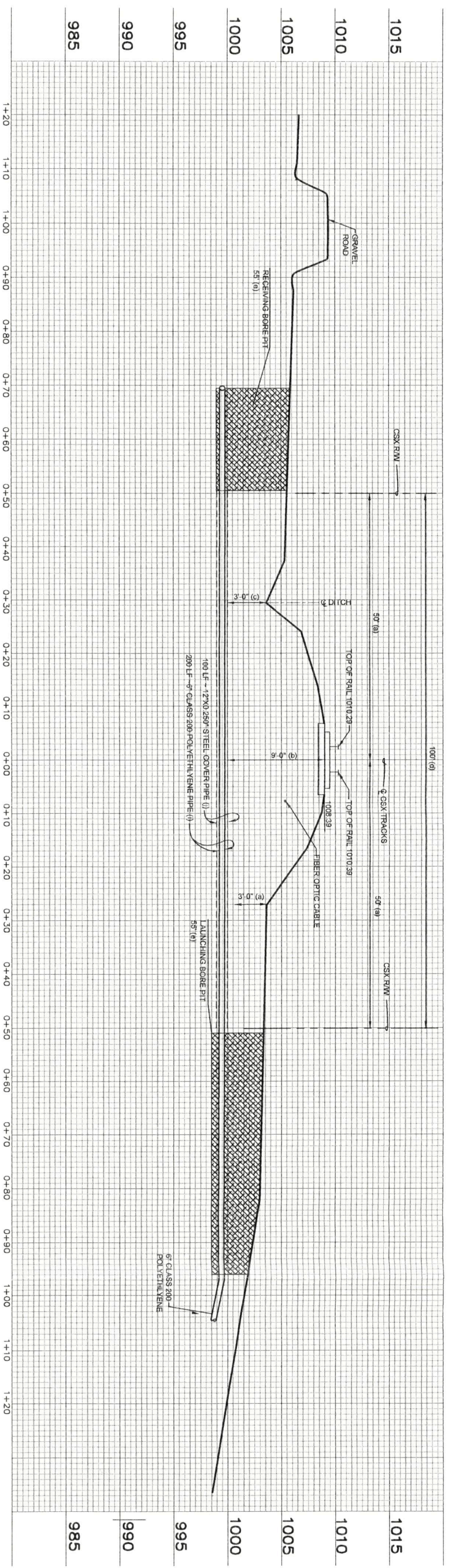
LEGEND

Letter	Description
(a)	Distance from crossing to nearest actual milepost, 3,480 ft. from MP 106 or: Distance from crossing to centerline of nearest public road intersection (include DOT crossing #)
(b)	Width of CSX RW 100'
(c)	Distance from centerline of track to RW 50' L 50' R
(d)	Total length of pipe on crossing on CSX RW [See CSXT pipeline Spec. pg 13 (C), (I), (F)] 100'
(e)	Distance from centerline of nearest track to face of pits or poles at a 90 degree angle to the track(s) LAUNCHING=55.2' RECEIVING=55.2'
(f)	Angle of crossing 90° [See CSXT pipeline Spec. pg 5 (B), (II)]
(g)	IF CONTENTS UNDER PRESSURE: Distance of shut-off valves from centerline of nearest track- Distance = 60' L and 120' R (min. 2,000' from nearest track on each side RW) [See CSXT pipeline Spec. pg 20 (I), (I)]
(h)	Width of Launching/Receiving pit RECEIVE=8'W/LAUNCH=20'W/L
(i)	Length of Launching/Receiving pit RECEIVE=8'W/LAUNCH=45'W/L



bell engineering
 LEXINGTON - HOPKINSVILLE
 KENTUCKY

Location: HALEY PIKE LANDFILL - LEXINGTON, KY
 Latitude: 38°-03'-24.87" NORTH
 Longitude: 84°-17'-20.45" WEST
 Drawing No. LF00124786 Sheet No. 1 of 2
 Date: APRIL 2015 Last Revised:
 Scale: 1"=50'



HALEY PIKE LANDFILL - CROSS SECTION
LEXINGTON, KENTUCKY

CSX PROPERTY SERVICES REVIEW
 No Exceptions Exceptions Noted
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By: *[Signature]*

LEGEND

Letter	Description	CSX XT Pipeline Spec. Reference
(a)	Distance From Centerline of Track to CSX RW 50' L ~ 50' R	
(b)	Distance From Base-Of-Rail to Top-Of-Casing [See CSX XT Pipeline Spec. Page 6, C)] 9'-0"	
(c)	Distance From Base-Of-Ditch to Top-Of-Casing [See CSX XT Pipeline Spec. Page 6, C)] 3'-0"	
(d)	Total Length of Pipe on CSX RW Crossing [See CSX XT Pipeline Spec. Page 13(i), (f)] 100'	
(e)	Distance From Centerline of Nearest Track to Face of Pits at a 90 Degree Angle to the Track(s) LAUNCHING 55.4' ~ RECEIVING 55.2'	
(f)	Distance From Top-Of-Vent Pipe to Ground Surface (4' Minimum Required) [See CSX XT Pipeline Spec. Page 20, F)] N/A	
(g)	Distance From Centerline of Track to Vent Pipe at a 90 Degree [See Angle to the Track(s) CSX XT Pipeline Spec. Page 20, F)] N/A	
(h)	Theoretical Emarkment Line: Starts 10' From Centerline of Track and Extends Away From Track at a Slope of 1.5' Over and 1' Down [See CSX XT Pipeline Spec. Page 13(i), (f)] N/A	
(i)	Carrier Pipe Diameter 6 INCHES	
(j)	Casing Pipe Diameter 12"X0.250"	
(k)	Depth of Launching/Receiving pit LAUNCHING 6' ~ RECEIVING 7'-9"	

PIPELINE CONTENT DETAILS

Commodity Description:	LEACHATE
Maximum Operating Pressure:	50 psi
Is Commodity Flammable:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CARRIER/CASING PIPE DETAILS	
Pipe Material:	HDPE ~ POLYETHYLENE
Material Specifications & Grade:	ASTMF-714-05
Specified Minimum Yield Strength:	TENSILE 3,200 psi
Nominal Size Outside Diameter (Inches):	6.90"
Wall Thickness (Inches):	0.627"
Type of Seam:	SEAMLESS
Type of Joints:	HEAT FUSED
Tunnel Liner Plates Required:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Cathodic Protection:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Protective Coating:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Temp. Track Support or Rip-Rap Req.:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Location: **HALEY PIKE LANDFILL - LEXINGTON, KY**

Latitude: **38°-03'-24.87" NORTH**


Longitude: **84°-17'-20.45" WEST**

Drawing No. **LF 00124786** Sheet No. **2** of **2**

Date: **APRIL 2015** Last Revised: _____

Drawing Scale: **V 1** Inches = **10** Feet

Drawing Scale: **H 1** Inches = **20** Feet



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