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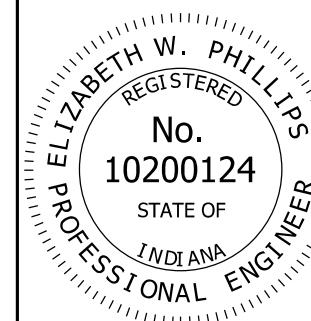
SHEET NO.	SUBJECT
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INDIANA DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLANTING
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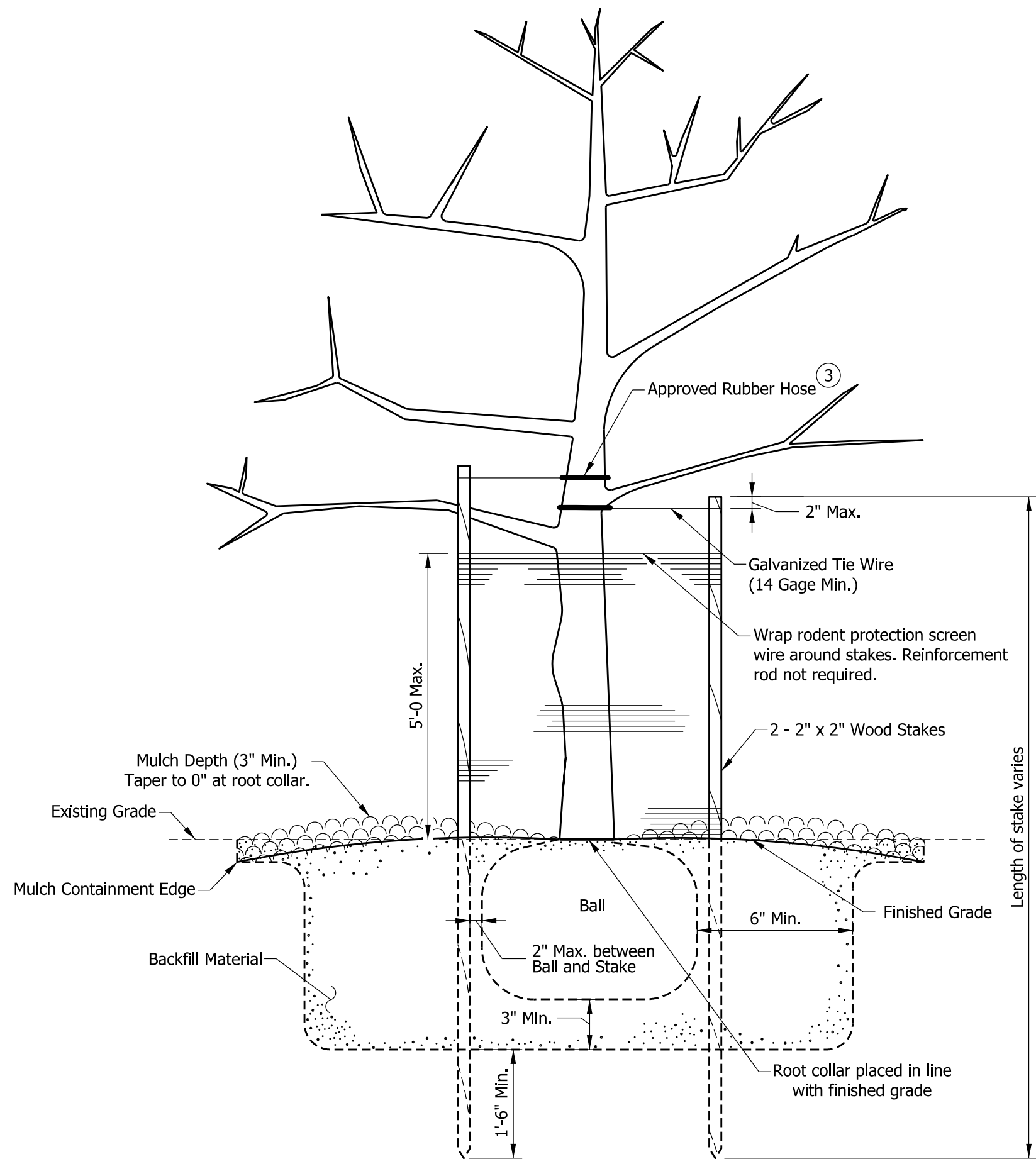
SEPTEMBER 2018

STANDARD DRAWING NO. E 622-LSPL-01



/s/ Elizabeth W. Phillips 03/20/18
DESIGN STANDARDS ENGINEER DATE

/s/ John Leckie 05/07/18
CHIEF ENGINEER DATE

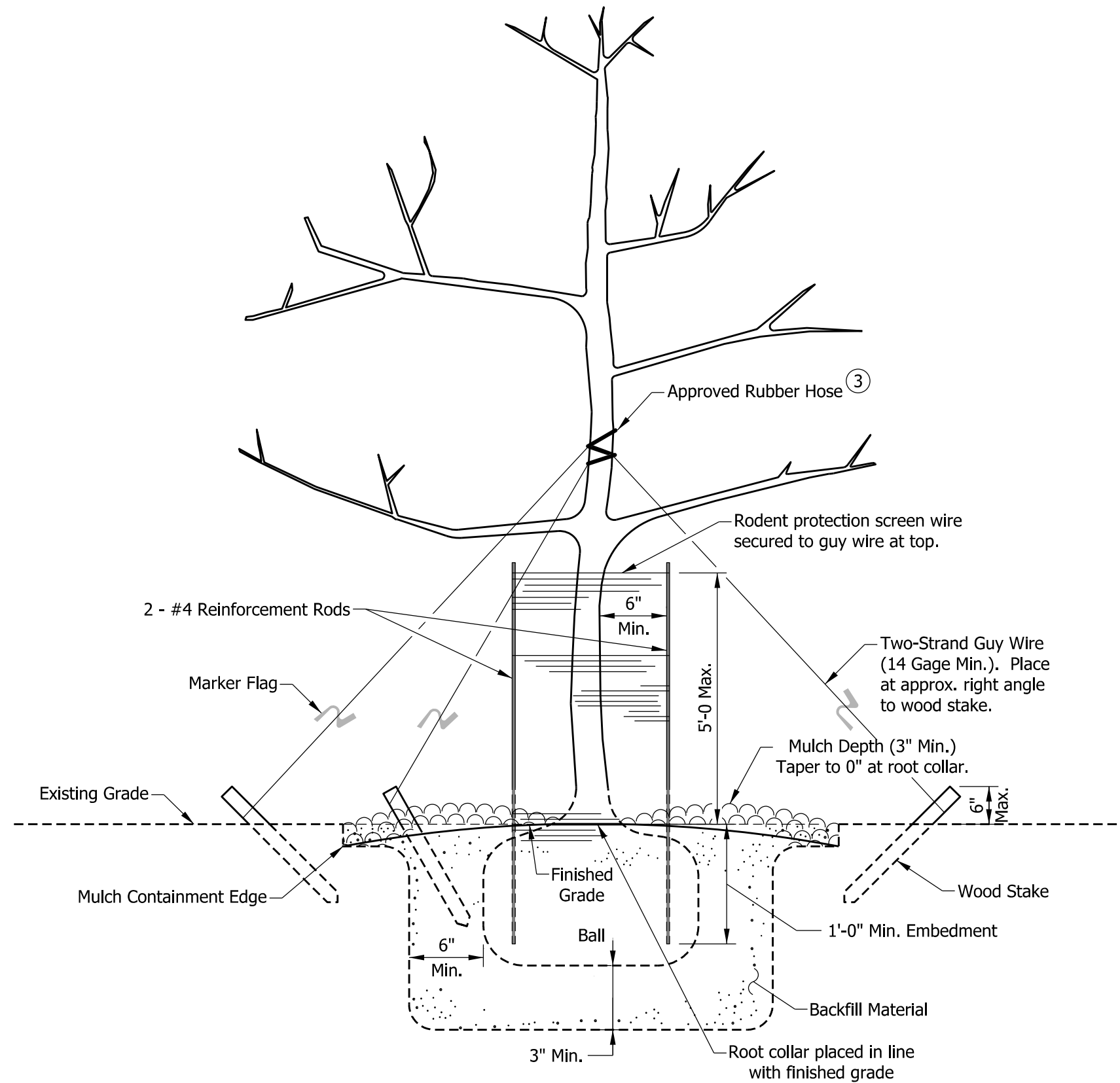


NOTES:

1. Tie wire securement points on tree shall be above the first or main branch.
2. Plastic coil type protective wrapping will be acceptable as an alternative to the screen wire and reinforcement rod method of tree protection or staked trees of less than 2 in. caliper.


(3) See Standard Drawing E 622-LSPL-11 for Rubber Hose Detail.

INDIANA DEPARTMENT OF TRANSPORTATION	
PLANTING BALLED AND BURLAPPED TREE LESS THAN 1 1/4 IN. CALIPER SEPTEMBER 2018	
STANDARD DRAWING NO. E 622-LSPL-02	
	<p>/s/ Elizabeth W. Phillips 03/20/18</p> <p>DESIGN STANDARDS ENGINEER DATE</p> <p>/s/ John Leckie 05/09/18</p> <p>CHIEF ENGINEER DATE</p>



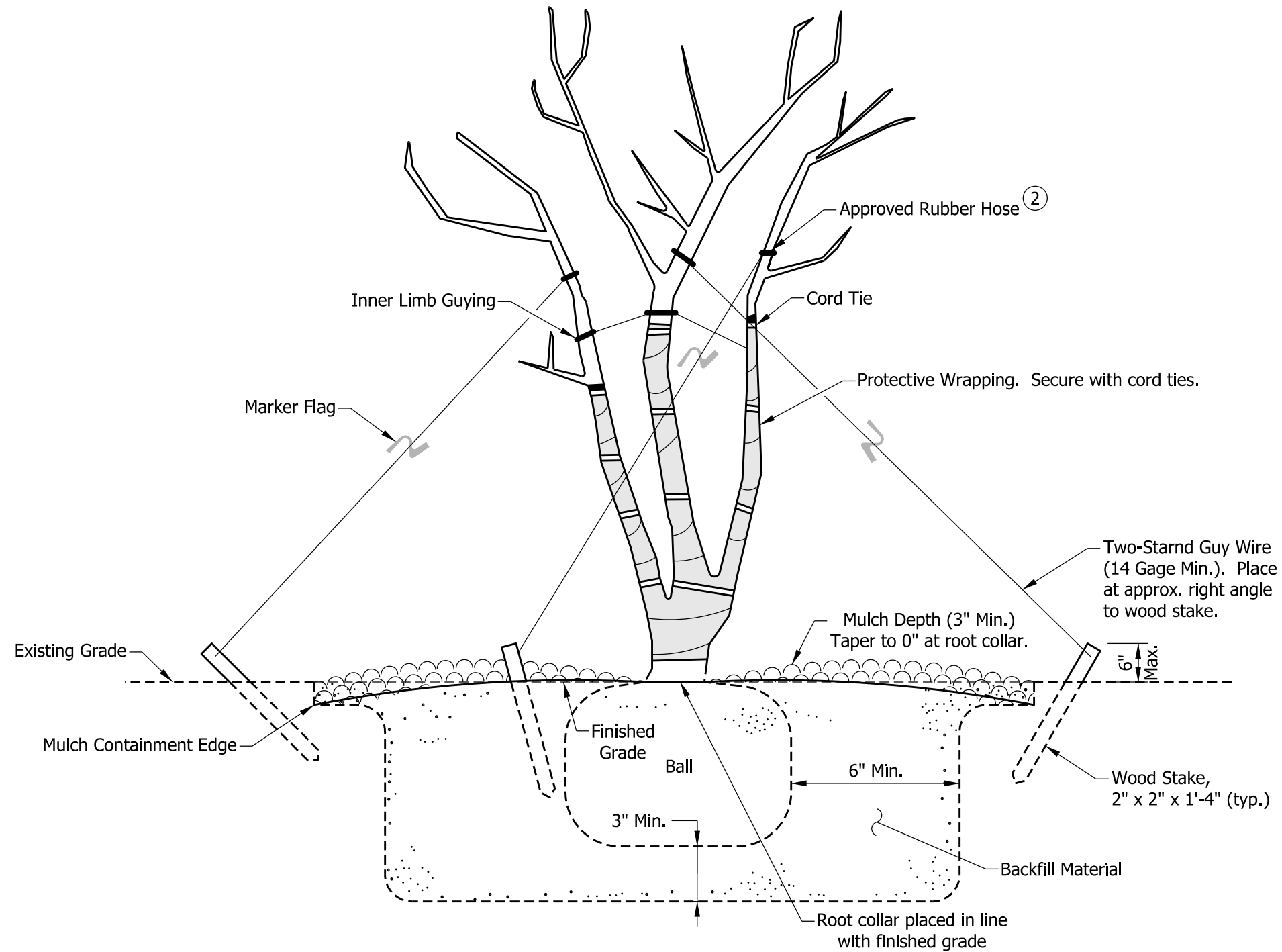
NOTES:

1. This detail applies to Evergreen Trees 48 in. tall and over with exception that screen wire protection shall not be required.
2. Plastic coil type protective wrapping will be acceptable as an alternative to the screen wire and reinforcement rod method of tree protection or staked trees of less than 2 in. caliper.
- ③ See Standard Drawing E 622-LSPL-11 for Rubber Hose Detail.

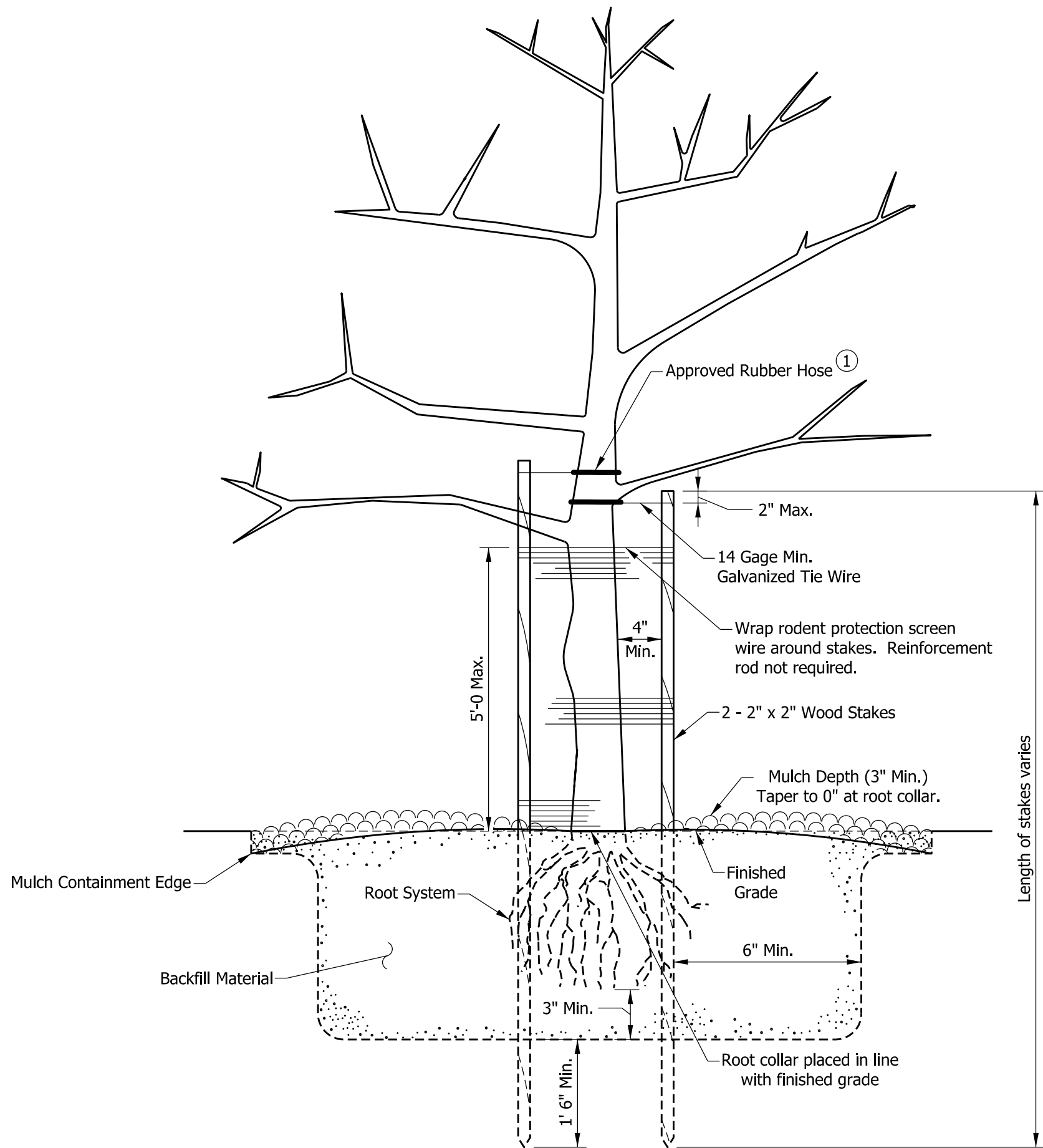
INDIANA DEPARTMENT OF TRANSPORTATION									
PLANTING BALLED AND BURLAPPED TREE 1 1/4 IN. CALIPER AND GREATER SEPTEMBER 2018									
STANDARD DRAWING NO. E 622-LSPL-03									
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black; padding: 2px;">/s/ Elizabeth W. Phillips</td> <td style="border-bottom: 1px solid black; padding: 2px;">03/20/18</td> </tr> <tr> <td style="padding: 2px;">DESIGN STANDARDS ENGINEER</td> <td style="padding: 2px;">DATE</td> </tr> <tr> <td style="border-bottom: 1px solid black; padding: 2px;">/s/ John Leckie</td> <td style="border-bottom: 1px solid black; padding: 2px;">05/09/18</td> </tr> <tr> <td style="padding: 2px;">CHIEF ENGINEER</td> <td style="padding: 2px;">DATE</td> </tr> </table>	/s/ Elizabeth W. Phillips	03/20/18	DESIGN STANDARDS ENGINEER	DATE	/s/ John Leckie	05/09/18	CHIEF ENGINEER	DATE
/s/ Elizabeth W. Phillips	03/20/18								
DESIGN STANDARDS ENGINEER	DATE								
/s/ John Leckie	05/09/18								
CHIEF ENGINEER	DATE								

NOTES:

1. This detail applies to trees over 48 in. tall.
- ② See Standard Drawing E 622-LSPL-11 for Rubber Hose Detail.



INDIANA DEPARTMENT OF TRANSPORTATION	
PLANTING MULTI-STEM TREE	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 622-LSPL-04
	<i>/s/ Elizabeth W. Phillips</i> 03/20/18 DESIGN STANDARDS ENGINEER DATE
	<i>/s/ John Leckie</i> 05/09/18 CHIEF ENGINEER DATE



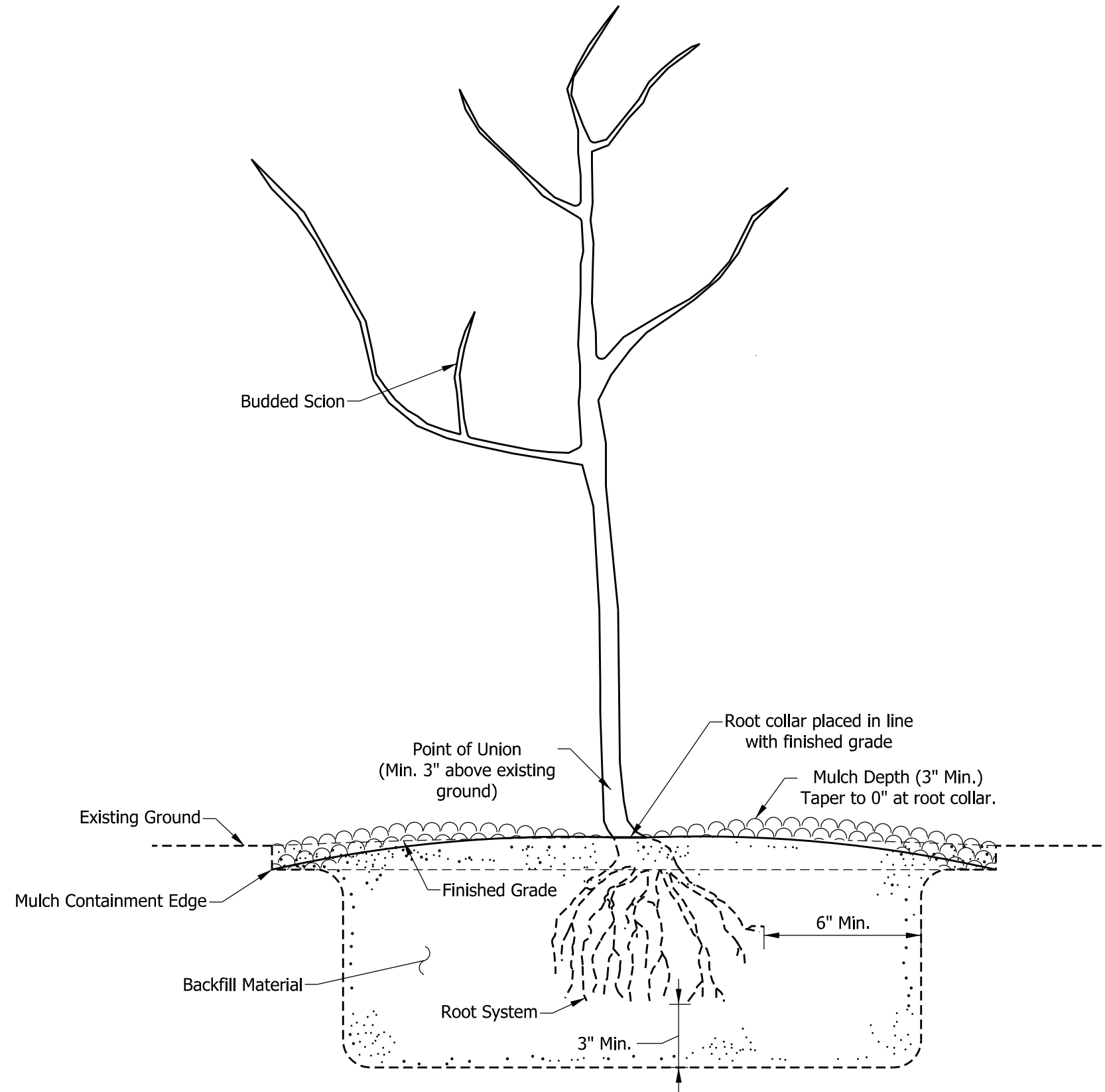
NOTES:

① See Standard Drawing E 622-LSPL-11 for Rubber Hose Detail.

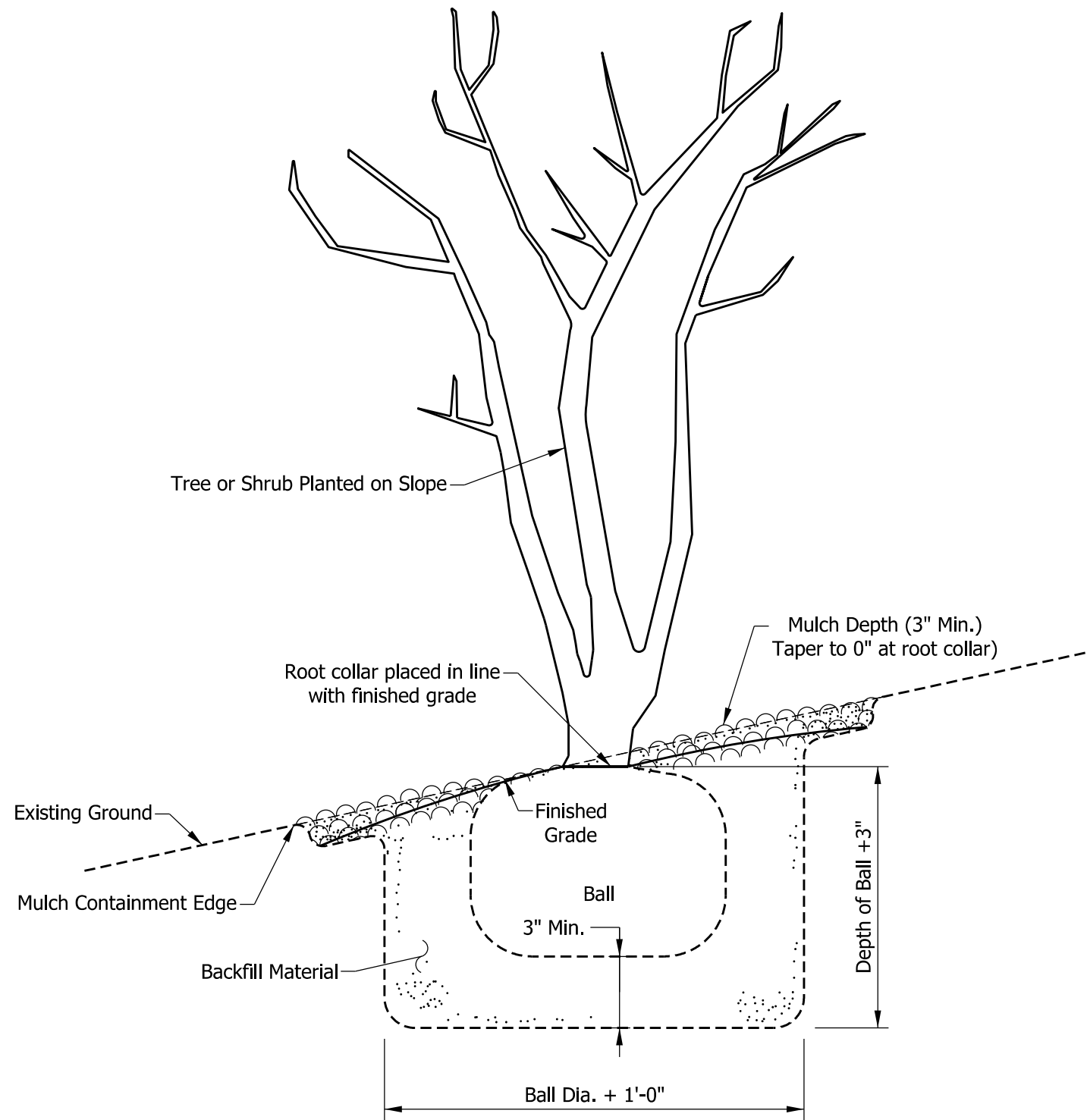
INDIANA DEPARTMENT OF TRANSPORTATION	
PLANTING BARE ROOT TREE	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 622-LSPL-05
	<i>/s/ Elizabeth W. Phillips</i> 03/20/18 DESIGN STANDARDS ENGINEER DATE
	<i>/s/ John Leckie</i> 05/09/18 CHIEF ENGINEER DATE

NOTES:

1. This detail applies to planting of grafted bare root system.



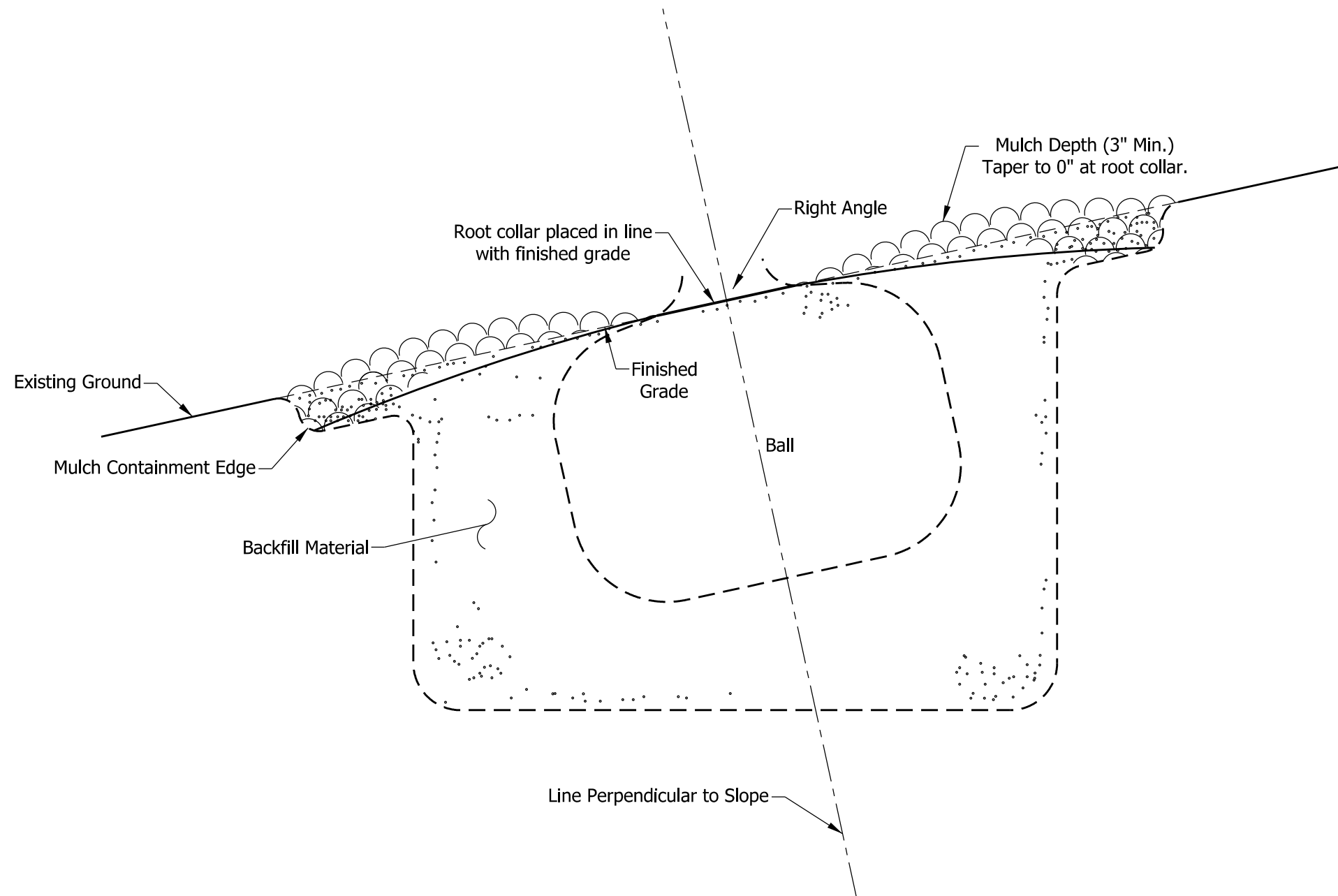
INDIANA DEPARTMENT OF TRANSPORTATION	
PLANTING GRAFTED TREE	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 622-LSPL-06
	/s/ Elizabeth W. Phillips 03/20/18 DESIGN STANDARDS ENGINEER DATE
	/s/ John Leckie 05/09/18 CHIEF ENGINEER DATE



INDIANA DEPARTMENT OF TRANSPORTATION	
PLANTING ON SLOPE	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 622-LSPL-07
	<i>/s/ Elizabeth W. Phillips</i> 03/20/18 DESIGN STANDARDS ENGINEER DATE
	<i>/s/ John Leckie</i> 05/09/18 CHIEF ENGINEER DATE

NOTES:

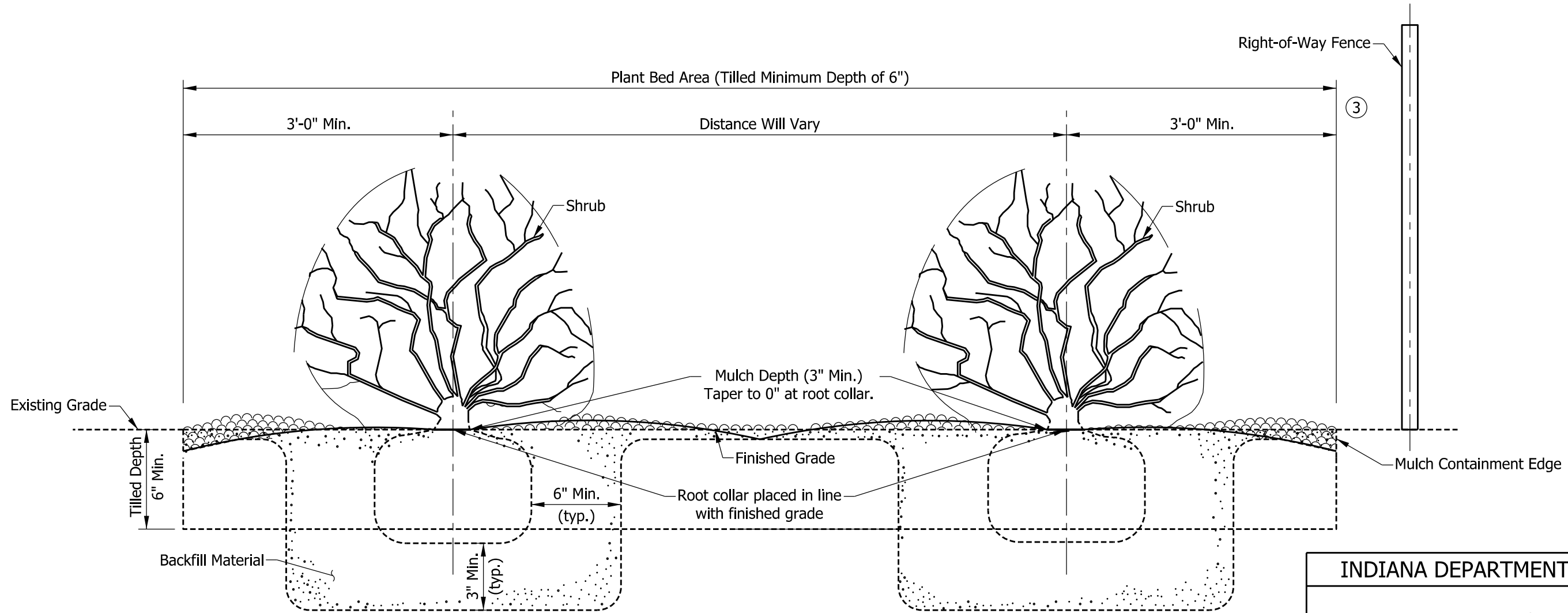
1. This detail applies to prostrate shrubs and ground cover in 3-gallon containers or smaller. A prostrate shrub is a woody plant where most of the branches lie on or just above the ground.



INDIANA DEPARTMENT OF TRANSPORTATION	
PLANTING ON SLOPE	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 622-LSPL-08
	<i>/s/ Elizabeth W. Phillips</i> 03/20/18 DESIGN STANDARDS ENGINEER DATE
	<i>/s/ John Leckie</i> 05/09/18 CHIEF ENGINEER DATE

NOTES:

1. Take specified mulch depth to edge of bed over 3 ft distance from center of outer plant.
2. See Standard Drawing E 622-LSPL-10 for typical plan of shrub bed.
- ③ Where mulch and tilled area do not extend to the right-of-way fence, provide a minimum 2 ft for grass and weed control.

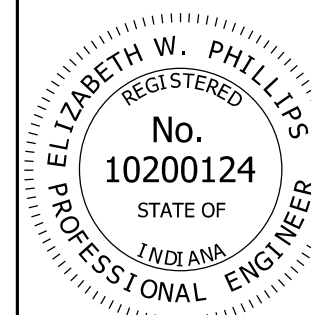


INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION
OF SHRUB BED

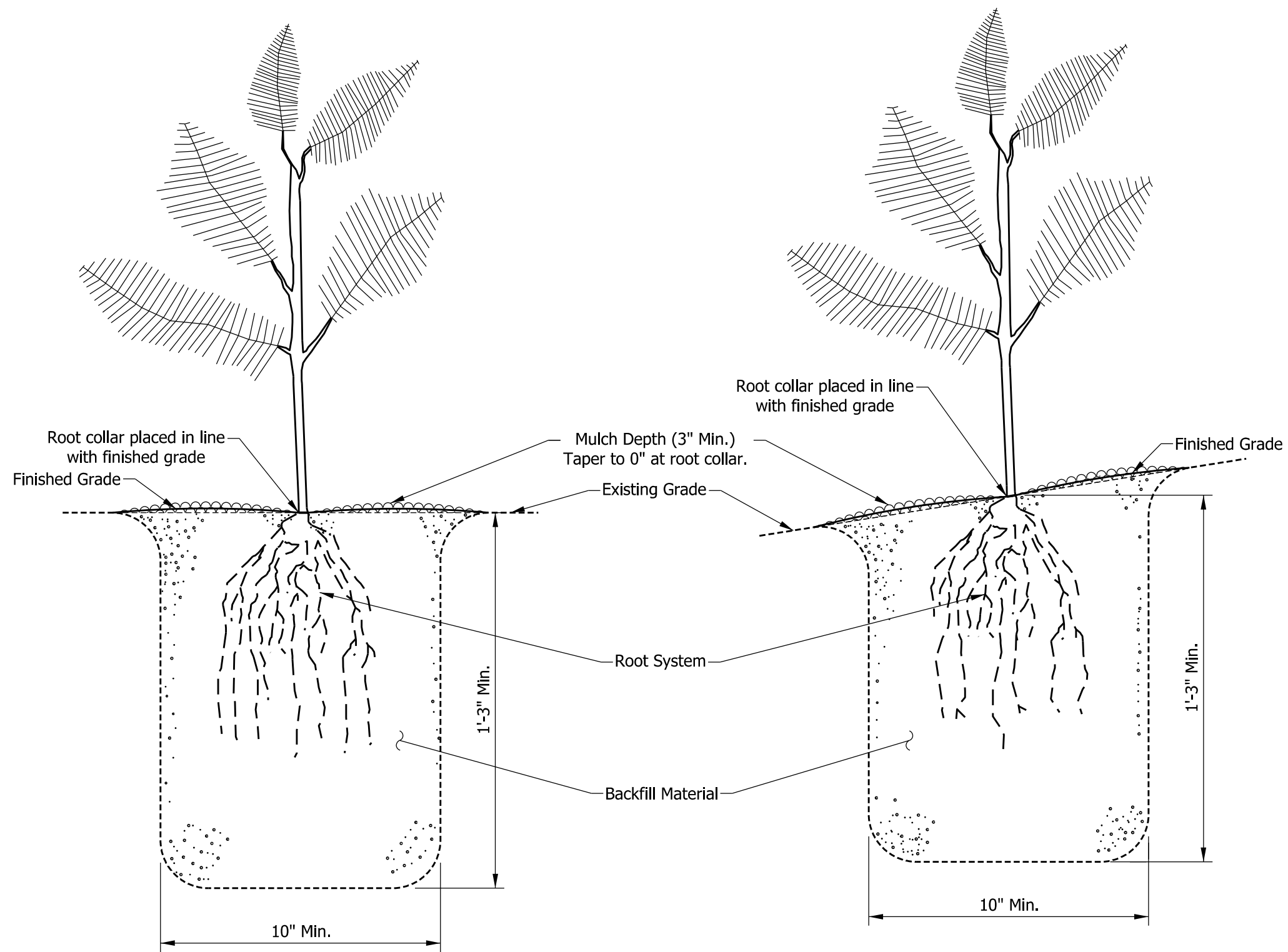
SEPTEMBER 2018

STANDARD DRAWING NO. E 622-LSPL-09



/s/ Elizabeth W. Phillips 03/20/18
DESIGN STANDARDS ENGINEER DATE

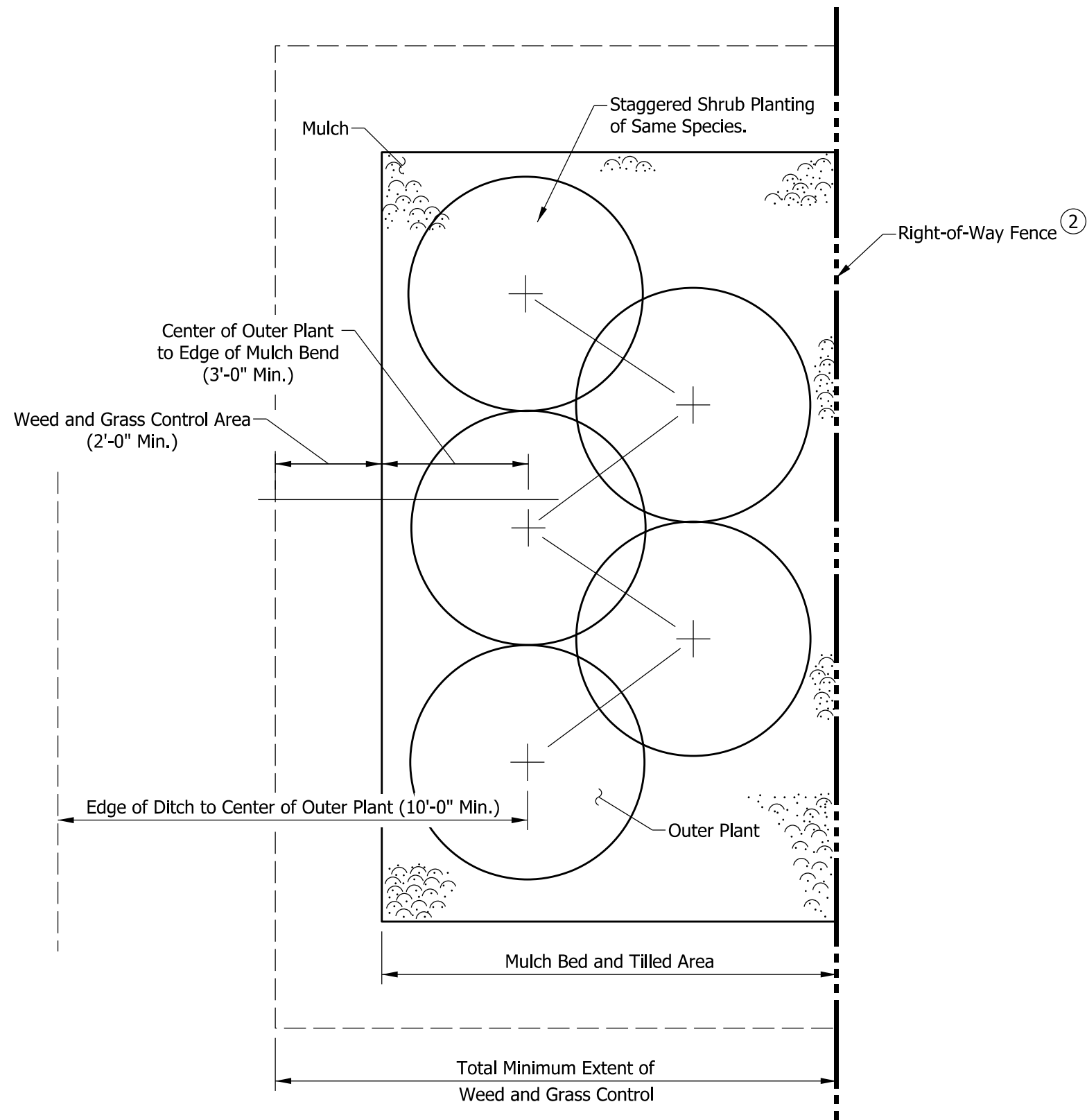
/s/ John Leckie 05/09/18
CHIEF ENGINEER DATE



SEEDLING VARIETY ON LEVEL LAND

SEEDLING VARIETY ON SLOPE

INDIANA DEPARTMENT OF TRANSPORTATION	
PLANTING SEEDLING VARIETIES	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 622-LSPL-10
	<i>/s/ Elizabeth W. Phillips</i> 03/20/18 DESIGN STANDARDS ENGINEER DATE
	<i>/s/ John Leckie</i> 05/09/18 CHIEF ENGINEER DATE



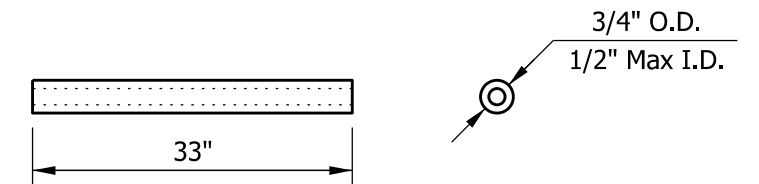
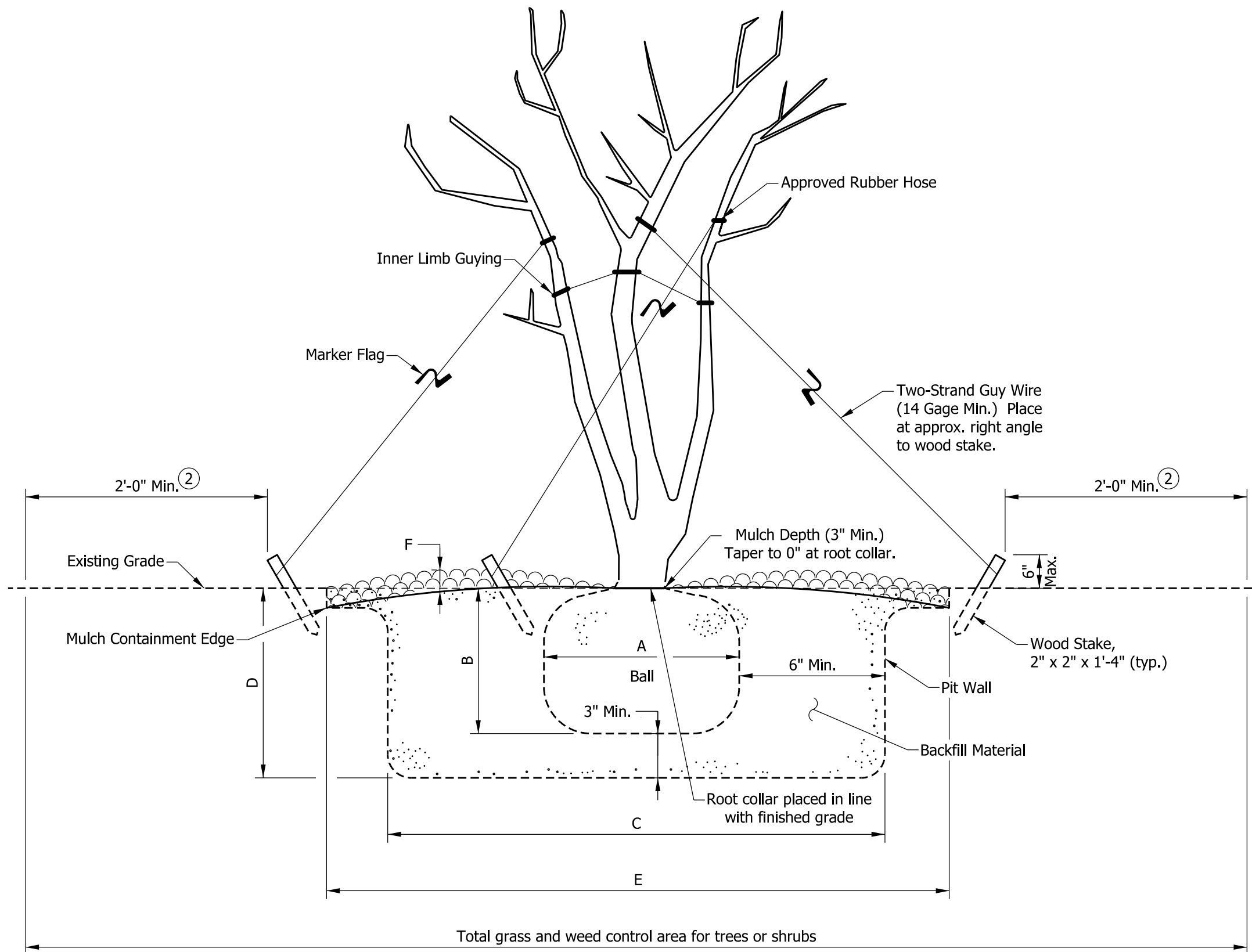
NOTES:

1. Specific variations on shrub bed configurations and layout will be shown on plans. Plans will show exceptions to 10 ft minimum distance from ditch to center of outer plants.
- ② Where mulch and tilled area do not extend to right-of-way fence, provide a minimum of 2 ft for grass and weed control.

INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL PLAN OF SHRUB BED	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 622-LSPL-11
	<i>/s/ Elizabeth W. Phillips</i> 03/20/18 DESIGN STANDARDS ENGINEER DATE
	<i>/s/ John Leckie</i> 05/09/18 CHIEF ENGINEER DATE

NOTES:

- See master plant list for specific dimensions applied to individual plants.
- 2 ft minimum distance for weed and grass control applies to zone beyond stakes or mulch bed.
 A = Diameter of ball
 B = Depth of ball
 C = Diameter of pit
 D = Depth of pit
 E = Diameter of mulch bed
 F = Depth of mulch bed



RUBBER HOSE DETAIL

INDIANA DEPARTMENT OF TRANSPORTATION	
COMMONLY USED DIMENSIONS	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 622-LSPL-12
	<i>/s/ Elizabeth W. Phillips</i> 03/20/18 DESIGN STANDARDS ENGINEER DATE
	<i>/s/ John Leckie</i> 05/09/18 CHIEF ENGINEER DATE