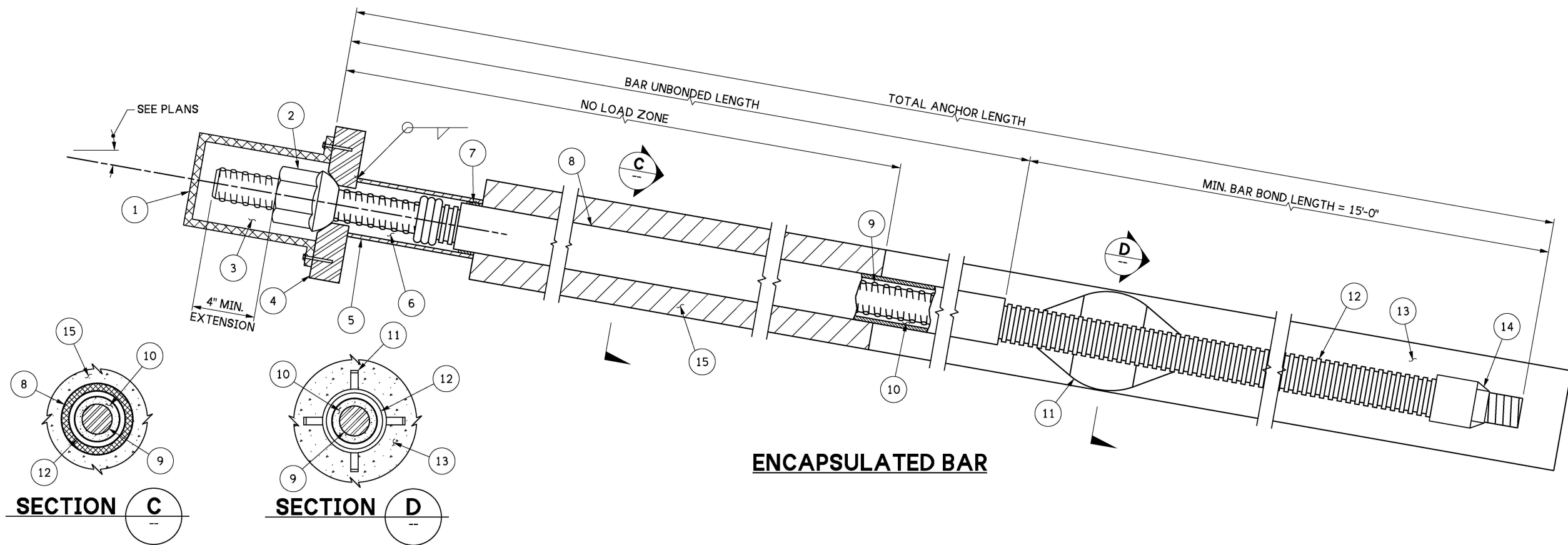


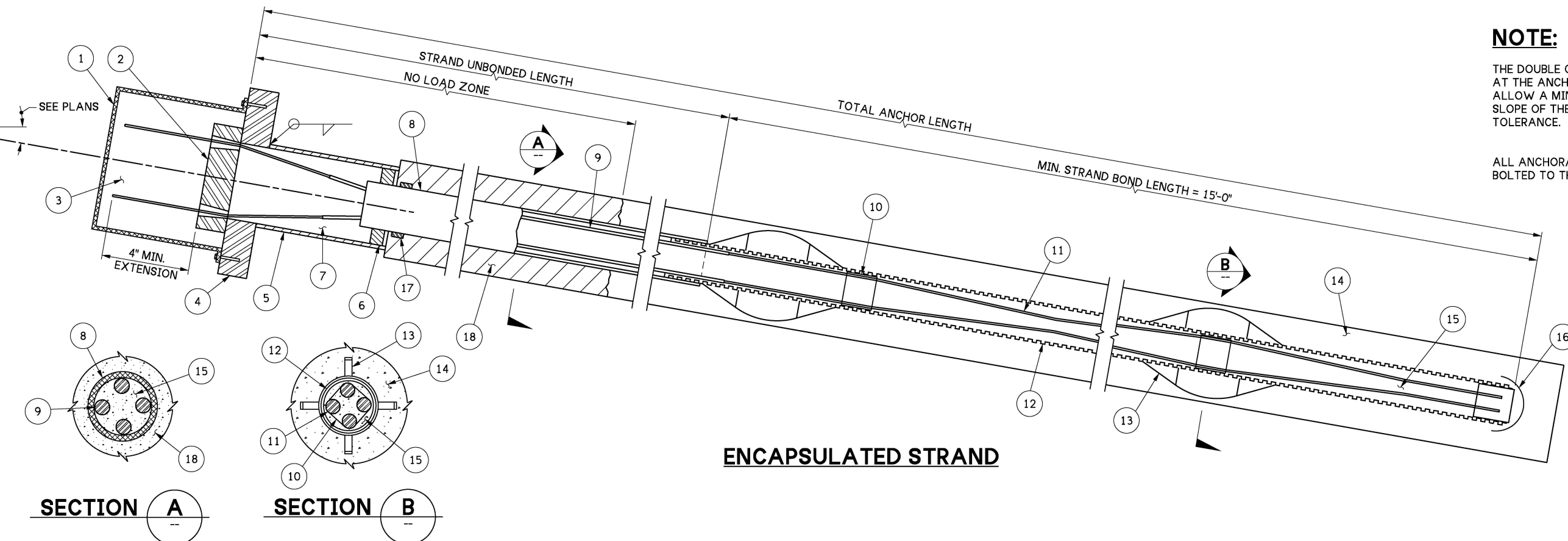
LAST REVISED: 10/21/2025



- 1. ANCHORAGE COVER
- 2. NUT
- 3. ANTICORROSION GREASE *
- 4. BEARING PLATE
- 5. TRUMPET
- 6. ANTICORROSION GREASE
- 7. SEAL
- 8. SMOOTH PVC BOND BREAKER
- 9. BAR
- 10. ENCAPSULATION GROUT
- 11. CENTRALIZERS
- 12. CORRUGATED PVC
- 13. ANCHOR GROUT
- 14. END CAP
- 15. NON-STRUCTURAL FILLER

* USE GROUT IF ANCHORAGE COVER IS EXPOSED

ENCAPSULATED BAR



NOTE:

THE DOUBLE CORROSION PROTECTION SYSTEM AT THE ANCHOR HEAD SHALL BE DETAILED TO ALLOW A MINIMUM OF ± 3° VARIATION IN THE SLOPE OF THE SOIL ANCHOR FOR PLACEMENT TOLERANCE.

ALL ANCHORAGE COVERS SHALL BE BOLTED TO THE BEARING PLATES.

- 1. ANCHORAGE COVER
- 2. ANCHOR HEAD AND WEDGES
- 3. ANTICORROSION GREASE
- 4. BEARING PLATE
- 5. TRUMPET
- 6. SEAL
- 7. ANTICORROSION GREASE
- 8. PVC OR POLYETHYLENE TUBE
- 9. INDIVIDUALLY GREASED AND SHEATHED STRAND.
- 10. SPACER
- 11. STRAND
- 12. CORRUGATED PVC
- 13. CENTRALIZER
- 14. ANCHOR GROUT
- 15. ENCAPSULATION GROUT
- 16. END CAP
- 17. TENSION RING TO RESIST SPLITTING FORCE OF DEFLECTED STRANDS.
- 18. NON-STRUCTURAL FILLER

ENCAPSULATED STRAND

8.1-A3-6

FILE NAME	8.1-A3-6_Soldier Pile-Tieback Perm Ground Anchor.dgn		
BRIDGE DES. ENG.			
BRIDGE PROJ. ENG.			
SUPERVISOR			
DESIGNED BY			
CHECKED BY			
ENTERED BY			
PRELIM. PLAN BY			
ARCH. / SPEC.			
PLOT DATE: 15-May-2026	PLOT TIME: 10:16:13 AM	PLOTTED BY: deboejak	FILE PATH: pw://projectstore.wsdot.wa.gov:WSDOT/Documents/_HQ/Bridge & Structures/Bridge Design/_Design Standards/Standard Drawings and Details/Walls and Fall Protection/Tieback Walls/_DGN/8.1-A3-6_Soldier Pile-Tieback Perm Ground Anchor.dgn

REGION NO.	STATE
10	WASH
JOB NUMBER	
CONTRACT NO.	

WSDOT

PRELIMINARY PLAN
NOT FOR CONSTRUCTION

SEE CERTIFICATION SHEET DATE	SEE CERTIFICATION SHEET DATE
STAMP BOX	STAMP BOX

STANDARD DESIGN DRAWINGS WALLS
SOLDIER PILE / TIEBACK WALL PERMANENT GROUND ANCHOR DETAILS

PLAN REF NO
SHEET
OF
SHEETS