

# INSTALLATION DETAIL

USE ONLY DURASLOPE CLASS 'D'  
GRATES WITH THIS APPLICATION

## NOTE:

CHANNELS TO BE INSTALLED WITH BLANK GRATE TO BE PROTECTED FROM CONCRETE POUR (COVER HOLES WITH TAPE)

SET TRENCH DRAIN CHANNEL SURROUNDED BY 8" OF CONCRETE WITH A MINIMUM OF 4,000 P.S.I. AVOID FULL LOAD TRAFFIC FOR 28 DAYS OR UNTIL CONCRETE HAS COMPLETELY HARDENED.

DS-200H FRAME ADDS 1" OF DEPTH TO CHANNEL

2x4 WOOD MEMBER SUSPENSION METHOD. ATTACHED TO EXISTING SLAB WITH HARDENED NAIL SUSPEND CHANNEL WITH WIRE TIE FROM REBAR CLIPS

ATTACH DS-200H FRAME TO CHANNEL WITH DS-123 SCREWS

EXISTING OR NEW FINISH GRADE

EXISTING OR NEW CONCRETE SLAB (TYP)

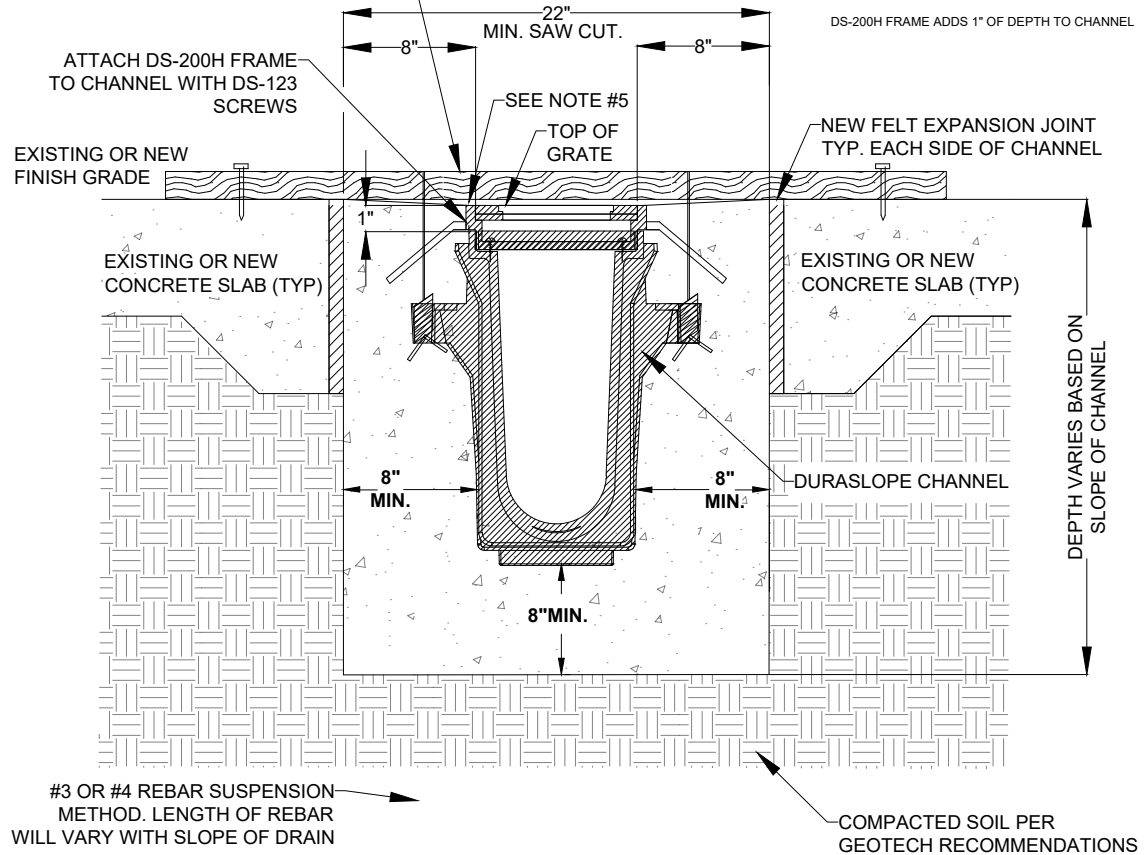
NEW FELT EXPANSION JOINT TYP. EACH SIDE OF CHANNEL

EXISTING OR NEW CONCRETE SLAB (TYP)

DURASLOPE CHANNEL

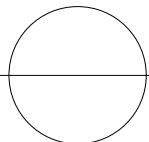
#3 OR #4 REBAR SUSPENSION METHOD. LENGTH OF REBAR WILL VARY WITH SLOPE OF DRAIN

COMPACTED SOIL PER GEOTECH RECOMMENDATIONS



## NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. EXPANSION AND CONTRACTION CONTROL JOINTS ARE RECOMMENDED TO PROTECT THE CHANNEL AND SURROUNDING CONCRETE. CONSULT WITH AN ENGINEER NECESSARY.
3. MINIMUM CONCRETE COMPRESSIVE STRENGTH OF 4000 PSI AND VIBRATION TO ELIMINATE AIR POCKETS IS RECOMMENDED.
4. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS AND CONTRACTORS FOR PLANNING PURPOSES.
5. RECESS CHANNEL AND GRATE 1/8" FOR PEDESTRIAN TRAFFIC, 1/4" FOR VEHICULAR TRAFFIC.
6. DRAWING IS NOT TO SCALE.



## DURA SLOPE TRENCH DRAIN TYPICAL INSTALLATION WITH DS-200H FRAMES

CLASS 'D' 8" LOAD APPLICATION FOR CONCRETE / WOOD SUSPENSION METHOD

FOR PRODUCT ASSISTANCE, CONTACT NDS TECHNICAL SERVICE AT [techservice@ndspro.com](mailto:techservice@ndspro.com), DESIGN ASSISTANCE- [designworx@ndspro.com](mailto:designworx@ndspro.com)  
851 N. HARVARD AVE. LINDSAY, CA 93247 WWW.NDSPRO.COM 1-800-726-1994 OPT 3