



RECORD DRAWING
TO THE BEST OF OUR KNOWLEDGE CARRILLO ENGINEERING, HEREBY STATES THAT THIS PLAN IS AS-BUILT. THE INFORMATION PROVIDED IS BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.
DATE: SEPTEMBER 15, 2022

TECHNICAL SPECIFICATION GUIDE

DURA SLOPE™ GRATES

NDS
WE PUT WATER IN ITS PLACE

Part No.	Description	Color	Pkg Qty.	Wt. Ea. (Lbs.)	Inflow Capacity (GPM)	Specifications
460	2" Channel Grate	White	12	2.92	27	
461	2" Channel Grate	Dark Gray	12	2.92	27	
46110	2" Channel Grate	Gray	12	2.92	27	
462	2" Channel Grate	Green	12	2.92	27	
463	2" Channel Grate	Black	12	2.92	27	
464	2" Channel Grate	Spald	12	2.92	27	
465	2" Channel Grate	Brick Red	12	2.92	27	
DS-470	2" Plastic Perforated Channel Grate	Gray	12	3.0	11.3	NDS 470-070, 2" Structural Foam Polyethylene, secured channel grate with UV inhibitors, light traffic rated feet proof, ADA compliant. Open surface area of 7.36 square inches per foot, 12.2 GPM per foot.
DS-226	2" Stainless Steel Perforated Channel Grate	Steel	12	3.22	9.6	NDS 405-226, Stainless Steel grate, light traffic rated, feet proof, ADA compliant. Open surface area of 7.72 square inches per foot, 12.4 GPM per foot.
DS-228	2" Galvanized Steel Perforated Channel Grate	Steel	12	3.22	9.6	NDS 405-228, Galvanized Steel grate, light traffic rated, feet proof, ADA compliant. Open surface area of 7.72 square inches per foot, 12.4 GPM per foot.
DS-231	2" Cast Iron Channel Grate	Black	1	15.00	22.6	405-231 2" Heavy Duty Cast Iron Channel Grate. Open surface area of 15.27 square inches per foot, 20.00 GPM per foot, 30.20 load rating.
DS-232	2" Ductile Iron Channel Grate	Black	1	14.00	22.6	NDS 405-232 2" Heavy Duty Ductile Iron Channel Grate. Open surface area of 15.27 square inches per foot, 20.00 GPM per foot, 30.20 load rating.
DS-221	2" Galvanized Steel Channel Grate	Steel	12	4.00	31.4	NDS 405-221 2" Galvanized Steel Grate. Open surface area of 19.85 square inches per foot, 26.00 GPM per foot.

ADA Compliant
Use with Dura Slope Drains and Dura Slope Catch Basins

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Oil Separator

SECTION AT DURASLOPE CHANNEL

4" CONCRETE SLAB

6" MIN

EXISTING SOILS

SET TRENCH IN CHANNEL SURROUNDED BY 6" OF CONCRETE OR THICKNESS OF THE CONCRETE SLAB WITH A MINIMUM OF 3,600 P.S.I. (MIN. 6.5 SACK MIX)

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TYPICAL DURASLOPE INSTALLATION

CLASS C-1 LOAD APPLICATION FOR CONCRETE

NDS
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Carrillo Engineering, LLC
301 Commerce Street, Ste 1410 - Fort Worth, Texas 76102
Phone: 817-697-4996 - Firm Registration #F-15893

Carrillo Engineering
Carrillo Engineering, LLC

STATE OF TEXAS
LICENSED
ANNA C. BLACKWELL
97350
2-20-2020

RIDGE ROAD RETAIL CENTER
2930 SOUTH RIDGE ROAD
LAKE RIDGE ESTATES, LOT 26
ROCKWALL, TEXAS
CONSTRUCTION DETAILS (PRIVATE)

Issue Dates:
NOVEMBER 22, 2019
JANUARY 17, 2020
FEBRUARY 20, 2020

Date	Revisions

Scale:
Drawn By:
Checked By:

Sheet
C7.00