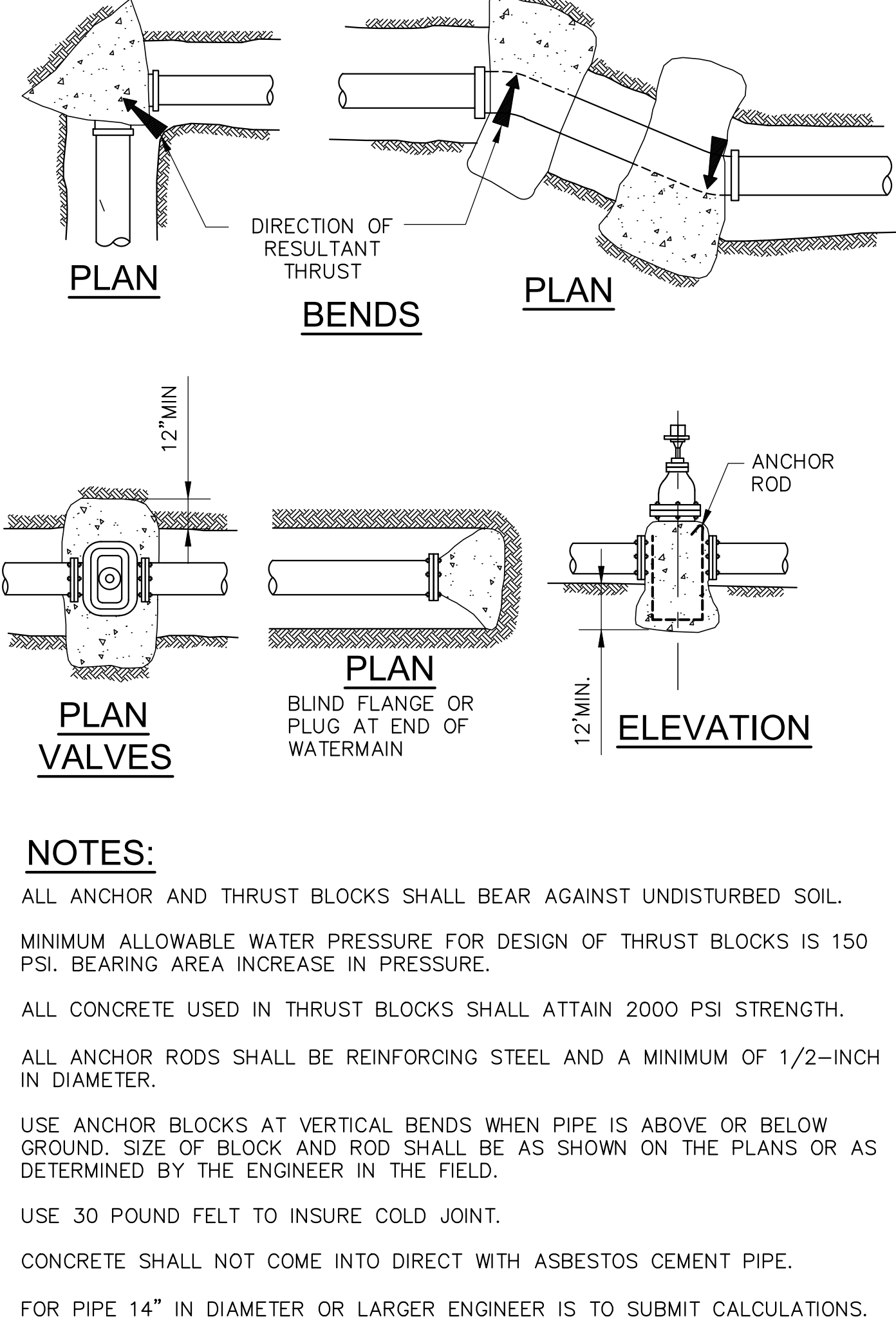
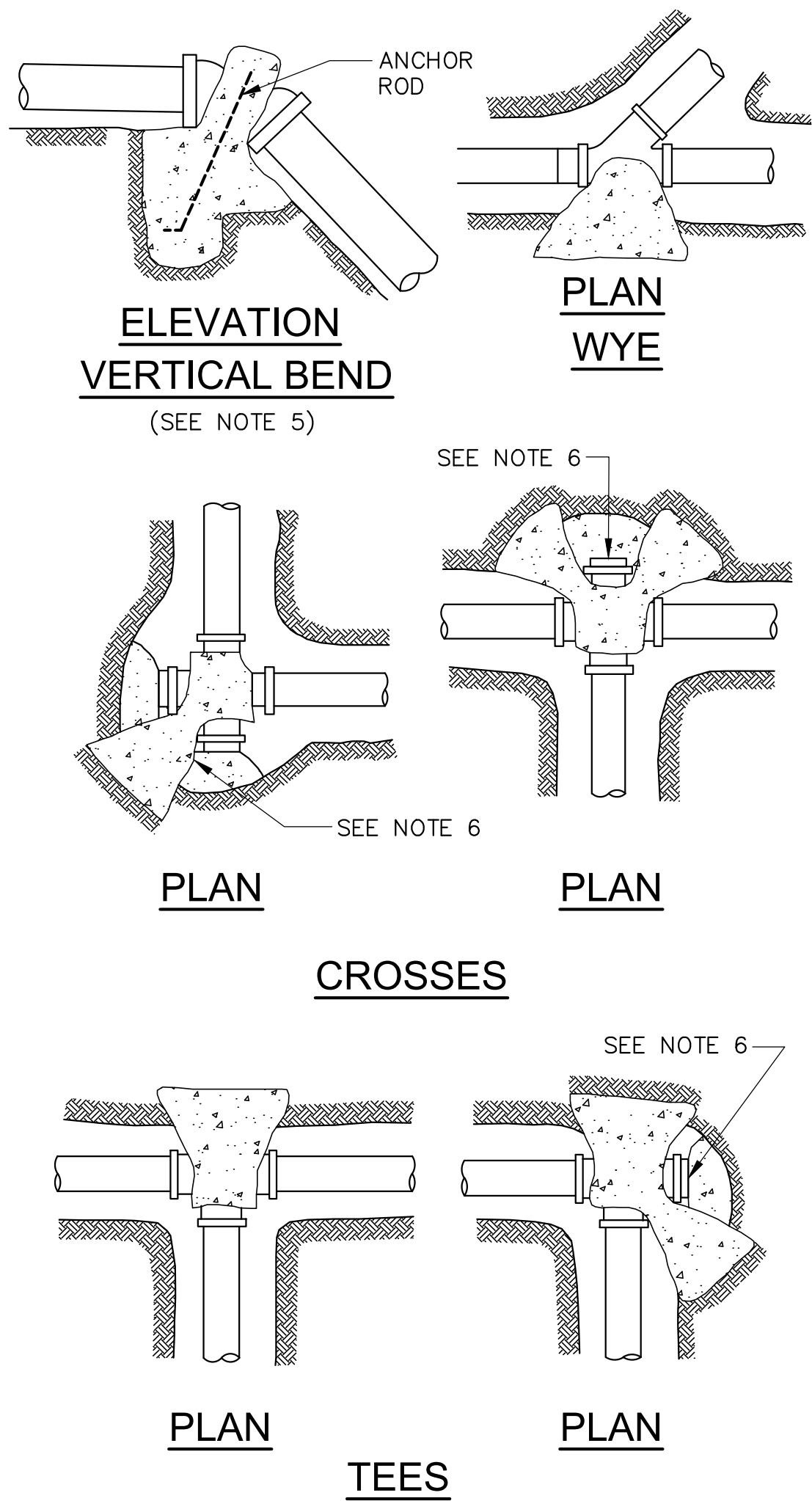


## 1 ADS STORMTECH INFILTRATION SYSTEM

SCALE: NOT TO SCALE



### NOTES:

- ALL ANCHOR AND THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED SOIL.
- MINIMUM ALLOWABLE WATER PRESSURE FOR DESIGN OF THRUST BLOCKS IS 150 PSI. BEARING AREA INCREASE IN PRESSURE.
- ALL CONCRETE USED IN THRUST BLOCKS SHALL ATTAIN 2000 PSI STRENGTH.
- ALL ANCHOR RODS SHALL BE REINFORCING STEEL AND A MINIMUM OF 1/2-INCH IN DIAMETER.
- USE ANCHOR BLOCKS AT VERTICAL BENDS WHEN PIPE IS ABOVE OR BELOW GROUND. SIZE OF BLOCK AND ROD SHALL BE AS SHOWN ON THE PLANS OR AS DETERMINED BY THE ENGINEER IN THE FIELD.
- USE 30 POUND FELT TO INSURE COLD JOINT.
- CONCRETE SHALL NOT COME INTO DIRECT WITH ASBESTOS CEMENT PIPE.
- FOR PIPE 14" IN DIAMETER OR LARGER ENGINEER IS TO SUBMIT CALCULATIONS.

## 2 THRUST BLOCK

SCALE: NOT TO SCALE

GRANADA HILLS POOL AND BATHHOUSE REPLACEMENT  
LOS ANGELES, CA  
DATE: 02/04/20 DRAWN: AMM  
PROJECT # : S167533 CHECKED: MCM

Stormtech

MANUFACTURED WATER INFILTRATION SYSTEMS  
4840 TRUBMAN BLVD  
HILLIARD, OH 43026

5 SHEET OF 6

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TABLE 1

MINIMUM BEARING AREAS IN SQ.FT.				
MAIN SIZE	TEE	90° BEND	45° BEND	22 1/2° BEND
6"	4	4	4	3
8"	5	7	4	3
10"	9	12	6	4
12"	12	16	9	6

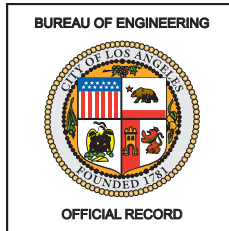
BASED ON 150 PSI W.W.R. PRESSURE & SOIL BEARING LOADS OF 2000 PSF  
THE RATIO OF WIDTH TO HEIGHT SHALL NOT EXCEED 1 1/2 TO 1

TEES, PLUGS, CAPS & HYDRANTS.

TABLE II

SOIL TYPE	MAX. ALLOWABLE SOIL BEARING VALUES	FACTORS FOR INCREASING AREAS IN TABLE 1
LOOSE SAND	500 PSF	4
SOFT SANDY CLAY	1000 PSF	2
ADOBE	1000 PSF	2
COMPACT FINE SAND	2000 PSF	1
COMPACT COARSE SAND	2000 PSF	1
MEDIUM STIFF CLAY	2000 PSF	1

THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS OF GEOTECHNICAL REPORT FOR DETERMINING THE SAFE SOIL BEARING VALUES AND SIZE OF BEARING AREAS.  
BASED ON 2 FEET MINIMUM DEPTH OF COVER OVER THE PIPE.



BID SET  
PROJECT ISSUE DATE: 06/22/21

CITY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

GARY LEE MOORE, PE, ENV SP

ARCHITECTURAL DIVISION

DESIGNED BY: VIRGLIO AONAN

DRAWN BY: AUTUMN WAGGONER

CHECKED BY: VIRGLIO AONAN

APPROVED BY: VIRGLIO AONAN

SHEET TITLE: MISCELLANEOUS DETAILS

PROJECT: GRANADA HILLS POOL AND BATHHOUSE REPLACEMENT PROJECT

ADDRESS: 16730 CHATSWORTH STREET  
GRANADA HILLS, CA 91344

WORK ORDER NO. #E170517

PLAN FILE NO. #308

DRAWING NO. C505

SHEET 16

OF 19

PLOTTED 09/18/2019 1:00:00 PM

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BUREAU OF ENGINEERING

NO. \_\_\_\_\_ DATE \_\_\_\_\_

REVISION DESCRIPTION

INDEX NO. \_\_\_\_\_ BUILDING NO. \_\_\_\_\_

RP-300118



CITY ENGINEER

DATE: 03/03/2020

03/03/2020

03/03/2020

03/03/2020

ARCHITECTURAL DIVISION

DESIGNED BY: VIRGLIO AONAN

DRAWN BY: AUTUMN WAGGONER

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CITY OF LOS ANGELES

VERTICAL CONTROL: HORIZONTAL CONTROL:

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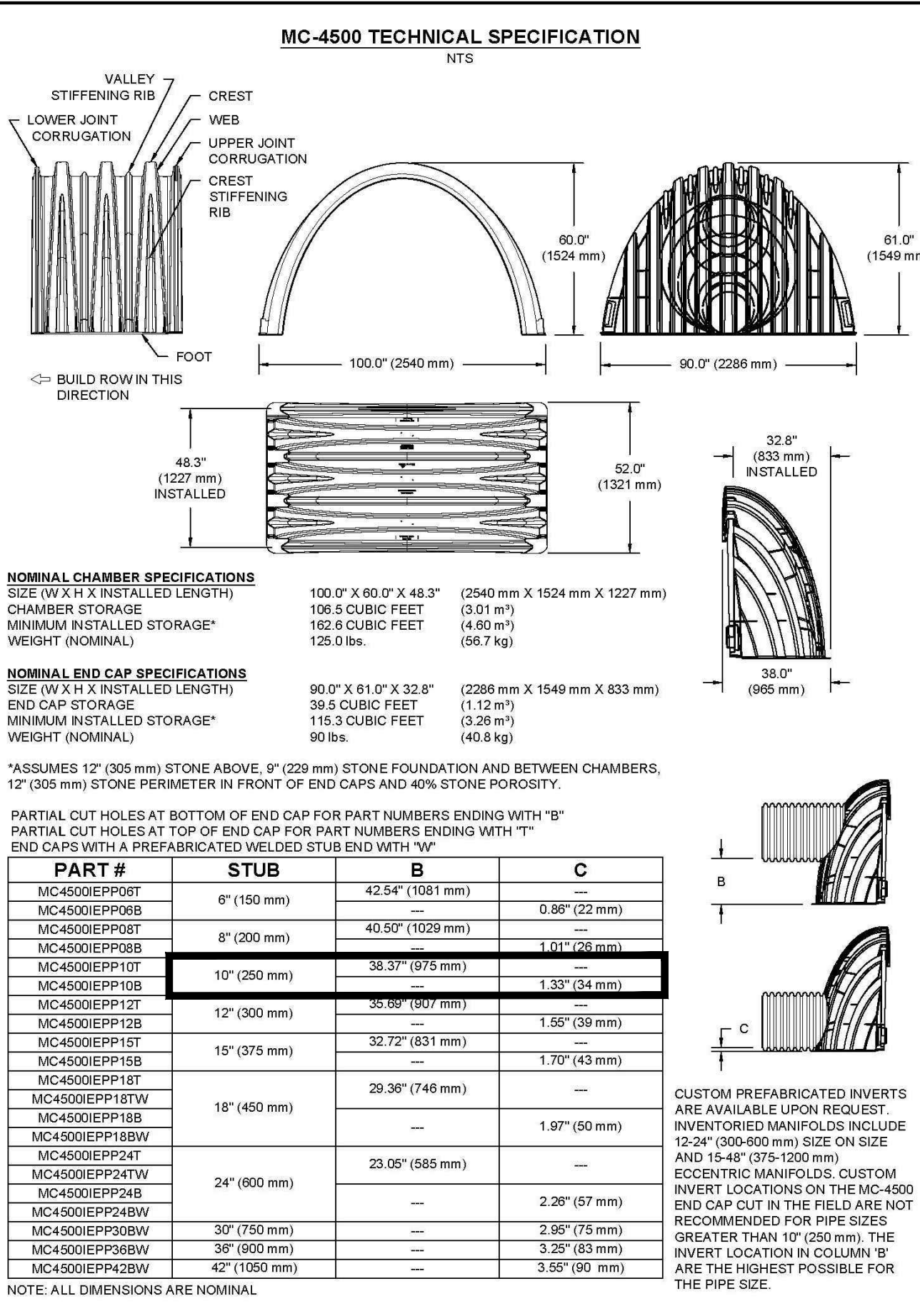
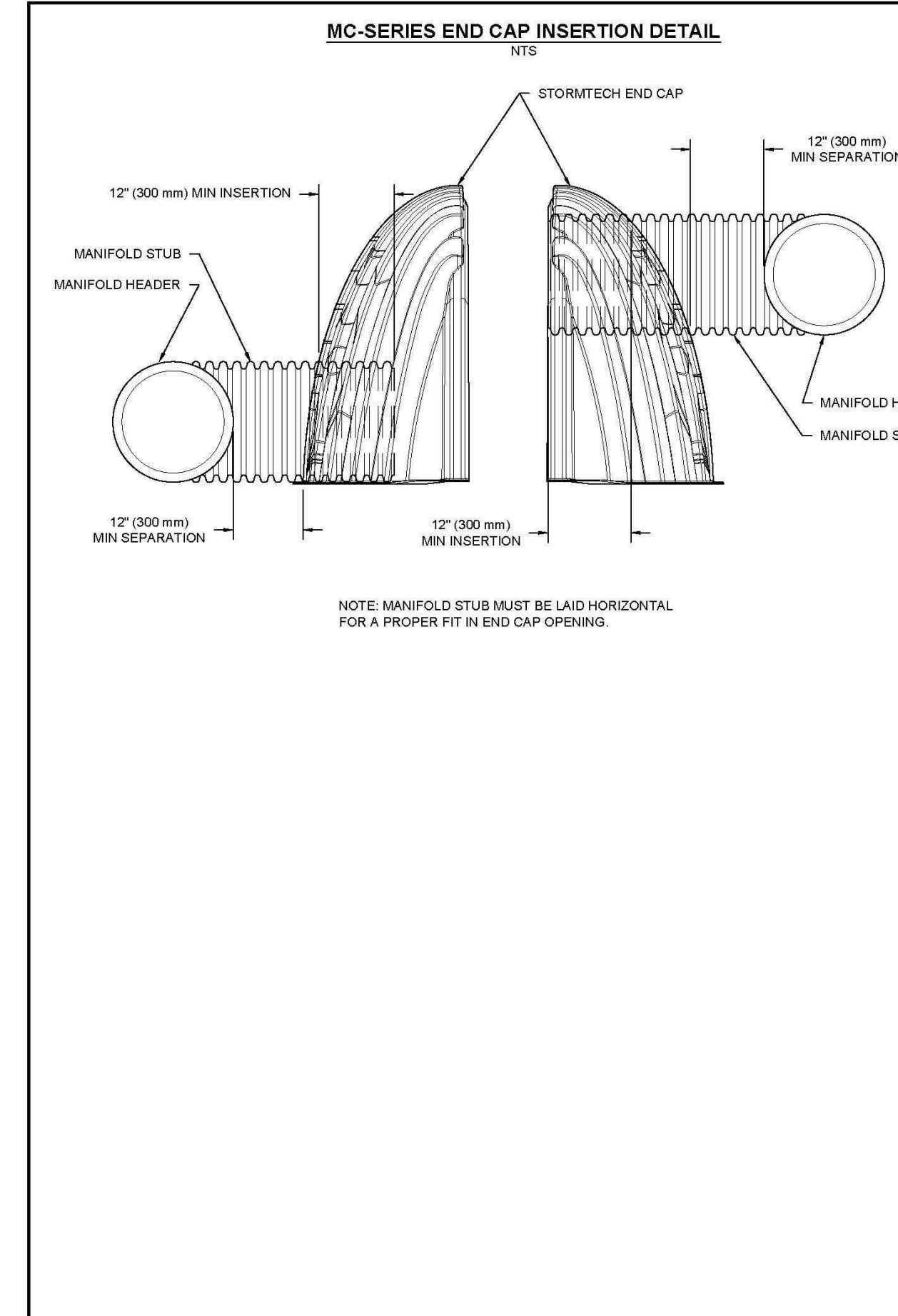
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SHEET 16

OF 19

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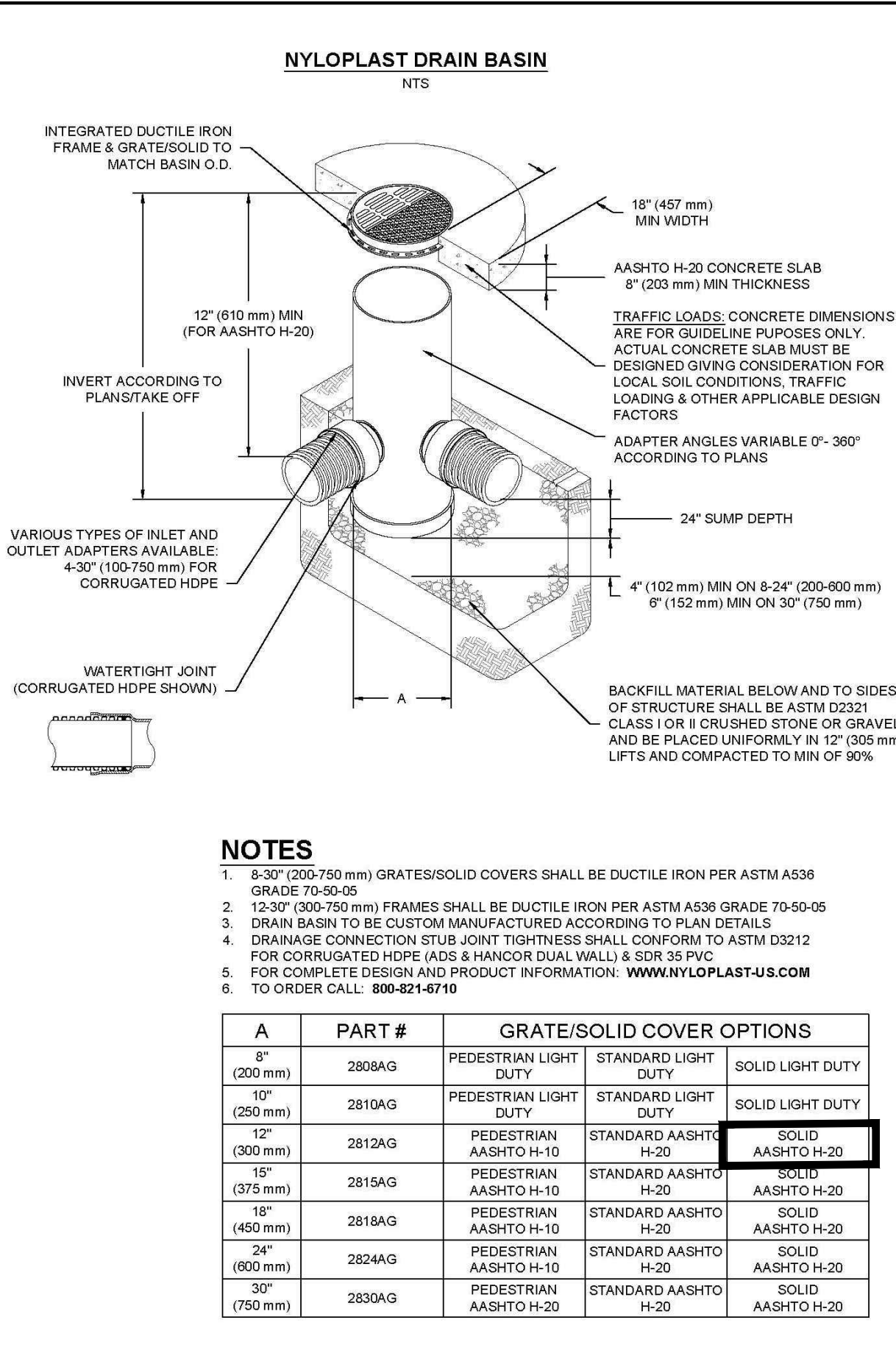
GRANADA HILLS POOL AND BATHHOUSE REPLACEMENT  
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### NOTES

- 8-30" (200-750 mm) GRATES/SOLID COVERS SHALL BE DUCTILE IRON PER ASTM A538 GRADE 70-50-05
- 12-30" (300-750 mm) FRAMES SHALL BE DUCTILE IRON PER ASTM A538 GRADE 70-50-05
- DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS
- DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS & HANCOCK DUAL WALL) & SDR 35 PVC
- FOR COMPLETE DESIGN AND PRODUCT INFORMATION: [WWW.NYLOPLAST-US.COM](http://WWW.NYLOPLAST-US.COM)
- TO ORDER CALL: 800-521-4710

A	PART #	GRATE/SOLID COVER OPTIONS		
8" (200 mm)	2808AG	PEDESTRIAN LIGHT DUTY	STANDARD LIGHT DUTY	SOLID LIGHT DUTY
10" (250 mm)	2810AG	PEDESTRIAN LIGHT DUTY	STANDARD LIGHT DUTY	SOLID LIGHT DUTY
12" (300 mm)	2812AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20
15" (375 mm)	2815AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20
18" (450 mm)	2818AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20
24" (600 mm)	2824AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20
30" (750 mm)	2830AG	PEDESTRIAN AASHTO H-10	STANDARD AASHTO H-20	SOLID AASHTO H-20

GRANADA HILLS POOL AND BATHHOUSE REPLACEMENT  
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