

STORM PIPE BEDDING

2 TYPE 9 CURB INLET NTS

3 TRANSFORMER PAD NTS

PROPOSED LAYOUT

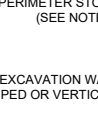
1200 STORMTECH MC-3000 CHAMBERS
 120 STORMTECH MC-3000 END CAPS
 INSTALLED WITH 1" COVER STONE, 40% STONE VOID
 INSTALLED WITHIN 6 IN. OF PERIMETER STONE INCLUDED
 AREA B SYSTEM 12.00 FT²
 PERIMETER OF SYSTEM 853 FT

PROPOSED ELEVATIONS


MINIMUM ALLOWABLE GRADE (TOP OF SIDEWALK/DRIVEWAY)	156.00
MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC)	149.00
MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC)	149.00
MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT)	140.00
MINIMUM ALLOWABLE GRADE (TOP OF RIGID CONCRETE PAVEMENT)	140.00
TOP OF STONE	140.00
TOP OF CHAMBER	142.00
TOP 10" MANHOLE INVERT	142.40
24" ISOLATOR ROW INVERT	142.42
BOTTOM OF CHAMBER	143.25
BOTTOM OF STONE	142.00

NOTES

- MANHOLE SIZE TO BE DETERMINED BY SITE DESIGNER. SEE TECH SHEET #1 FOR MANHOLE SIZING GUIDANCE.
- DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC PIPE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANHOLE COMPONENTS IN THE FIELD.
- THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST CONCRETE TO INCLUDE THE CHAMBER COVER REQUIREMENTS ARE MET.



ACCEPTABLE FILL MATERIALS: STORMTECH MC-3500 CHAMBER SYSTEMS



MATERIAL LOCATION

D FILL: FILL FILL MATERIAL (OR LAYER C) STARTS FROM THE TOP OF THE "C" LAYER TO THE BOTTOM OF FLUXED, PLYWOOD OR LAMINATED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBGRADE MAY BE PART OF THE "C" LAYER.

EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ("A" JARS) TO THE "C" LAYER ABOVE.

FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBERS.

PLEASE NOTE:

- THE LISTED AGGREGATE DESIGNATIONS ARE FOR GUIDANCE ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE SHOULD READ: "CLEAN, CRUSHED, ANGULAR NO. 4 (ASTM#443) STONE".
- STORMTECH CHAMBER REQUIREMENTS ARE MET FOR A LOCATION MATERIALS PLACED UNDER AND COMPACTED IN 2" (50 mm) (MAX) LIFTS USING 2 TON, COVERS WITH A VIBRATORY COMPACTOR.
- WHERE THE STONE IS NOT COVERED BY COMPACTOR, FILL REQUIREMENTS AND CONDITIONS A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAUGHING THROUGH WITH COMPACTOR EQUIPMENT FOR SPECIAL LOADS, CONTACT STORMTECH FOR DETAILED REQUIREMENTS.

DESCRIPTION

ANY SOLIDPOOR MATERIALS, NATIVE SOILS, OR PER ENGINEERS PLAN, DESIGN PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.

UNWASHED OR WASHED SLAGGISH MATERIALS, .35% FINES OR GRONDED AGGREGATES. MOST PAVEMENT SUBGRADE MATERIALS CAN BE USED IN LIEU OF TIE LAYER.

CLEAN, CRUSHED, ANGULAR STONE

CLEAN, CRUSHED, ANGULAR STONE

ASHTO MATERIAL CLASSIFICATIONS

N/A

ASHTO M40
A-1, A-2, A-3
OR
ASHTO M47
3.007, 4.401, 5.92, 6.47, 6.8, 7.8, 8.8
B-10

ASHTO M47
3.4

ASHTO M47
3.4

COMPACTION / DENSITY REQUIREMENT

PREPARE PER SITE DESIGN ENGINEERS PLANS. FIELD INSTALLATIONS MAY HAVE STRONGER MATERIAL AND PREPARATION REQUIREMENTS.

BEGIN COMPACTATIONS AFTER 24" (600 mm) OF MATERIAL HAS BEEN PLACED. FIELD INSTALLATIONS MAY HAVE STRONGER MATERIAL AND PREPARATION REQUIREMENTS. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS USING 2 TON, COVERS WITH A VIBRATORY COMPACTOR. FIELD INSTALLATIONS MAY HAVE STRONGER MATERIAL AND PREPARATION REQUIREMENTS.

NO COMPACTION REQUIRED.

PLATE COMPACT OR ROLL TO ACHIEVE FLAT SURFACE.

AGGREGATES/STONES NOT NON-VOLVO GEOTECHNICAL A-1, A-2, A-3, A-4, A-5, A-6, A-7, A-8, A-9, A-10, A-11, A-12, A-13, A-14, A-15, A-16, A-17, A-18, A-19, A-20, A-21, A-22, A-23, A-24, A-25, A-26, A-27, A-28, A-29, A-30, A-31, A-32, A-33, A-34, A-35, A-36, A-37, A-38, A-39, A-40, A-41, A-42, A-43, A-44, A-45, A-46, A-47, A-48, A-49, A-50, A-51, A-52, A-53, A-54, A-55, A-56, A-57, A-58, A-59, A-60, A-61, A-62, A-63, A-64, A-65, A-66, A-67, A-68, A-69, A-70, A-71, A-72, A-73, A-74, A-75, A-76, A-77, A-78, A-79, A-80, A-81, A-82, A-83, A-84, A-85, A-86, A-87, A-88, A-89, A-90, A-91, A-92, A-93, A-94, A-95, A-96, A-97, A-98, A-99, A-100, A-101, A-102, A-103, A-104, A-105, A-106, A-107, A-108, A-109, A-110, A-111, A-112, A-113, A-114, A-115, A-116, A-117, A-118, A-119, A-120, A-121, A-122, A-123, A-124, A-125, A-126, A-127, A-128, A-129, A-130, A-131, A-132, A-133, A-134, A-135, A-136, A-137, A-138, A-139, A-140, A-141, A-142, A-143, A-144, A-145, A-146, A-147, A-148, A-149, A-150, A-151, A-152, A-153, A-154, A-155, A-156, A-157, A-158, A-159, A-160, A-161, A-162, A-163, A-164, A-165, A-166, A-167, A-168, A-169, A-170, A-171, A-172, A-173, A-174, A-175, A-176, A-177, A-178, A-179, A-180, A-181, A-182, A-183, A-184, A-185, A-186, A-187, A-188, A-189, A-190, A-191, A-192, A-193, A-194, A-195, A-196, A-197, A-198, A-199, A-200, A-201, A-202, A-203, A-204, A-205, A-206, A-207, A-208, A-209, A-210, A-211, A-212, A-213, A-214, A-215, A-216, A-217, A-218, A-219, A-220, A-221, A-222, A-223, A-224, A-225, A-226, A-227, A-228, A-229, A-230, A-231, A-232, A-233, A-234, A-235, A-236, A-237, A-238, A-239, A-240, A-241, A-242, A-243, A-244, A-245, A-246, A-247, A-248, A-249, A-250, A-251, A-252, A-253, A-254, A-255, A-256, A-257, A-258, A-259, A-260, A-261, A-262, A-263, A-264, A-265, A-266, A-267, A-268, A-269, A-270, A-271, A-272, A-273, A-274, A-275, A-276, A-277, A-278, A-279, A-280, A-281, A-282, A-283, A-284, A-285, A-286, A-287, A-288, A-289, A-290, A-291, A-292, A-293, A-294, A-295, A-296, A-297, A-298, A-299, A-300, A-301, A-302, A-303, A-304, A-305, A-306, A-307, A-308, A-309, A-310, A-311, A-312, A-313, A-314, A-315, A-316, A-317, A-318, A-319, A-320, A-321, A-322, A-323, A-324, A-325, A-326, A-327, A-328, A-329, A-330, A-331, A-332, A-333, A-334, A-335, A-336, A-337, A-338, A-339, A-340, A-341, A-342, A-343, A-344, A-345, A-346, A-347, A-348, A-349, A-350, A-351, A-352, A-353, A-354, A-355, A-356, A-357, A-358, A-359, A-360, A-361, A-362, A-363, A-364, A-365, A-366, A-367, A-368, A-369, A-370, A-371, A-372, A-373, A-374, A-375, A-376, A-377, A-378, A-379, A-380, A-381, A-382, A-383, A-384, A-385, A-386, A-387, A-388, A-389, A-390, A-391, A-392, A-393, A-394, A-395, A-396, A-397, A-398, A-399, A-400, A-401, A-402, A-403, A-404, A-405, A-406, A-407, A-408, A-409, A-410, A-411, A-412, A-413, A-414, A-415, A-416, A-417, A-418, A-419, A-420, A-421, A-422, A-423, A-424, A-425, A-426, A-427, A-428, A-429, A-430, A-431, A-432, A-433, A-434, A-435, A-436, A-437, A-438, A-439, A-440, A-441, A-442, A-443, A-444, A-445, A-446, A-447, A-448, A-449, A-450, A-451, A-452, A-453, A-454, A-455, A-456, A-457, A-458, A-459, A-460, A-461, A-462, A-463, A-464, A-465, A-466, A-467, A-468, A-469, A-470, A-471, A-472, A-473, A-474, A-475, A-476, A-477, A-478, A-479, A-480, A-481, A-482, A-483, A-484, A-485, A-486, A-487, A-488, A-489, A-490, A-491, A-492, A-493, A-494, A-495, A-496, A-497, A-498, A-499, A-500, A-501, A-502, A-503, A-504, A-505, A-506, A-507, A-50

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NYLOPLAST DRAIN BASIN
NTS

NOTES

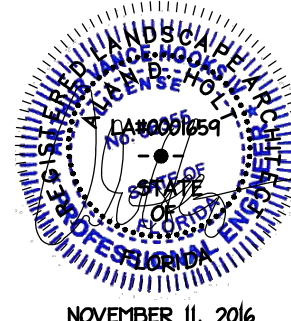
1. (24\"/>
- 2. (30\"/>
- 3. DRAIN BASIN IS TO BE CUSTOM MANUFACTURED.
- 4. DRAINAGE CONNECTIONS TO THE JOINTS SHALL BE MADE IN ACCORDANCE WITH THE NYLOPLAST DRAIN BASIN MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 5. FOR COMPLETE DESIGN AND LOAD REQUIREMENTS, SEE NYLOPLAST DRAIN BASIN MANUFACTURER'S LITERATURE.
- 6. TO ORDER, CALL: 888-821-6763

TABLE 1: DRAIN BASIN PARTS

Part	Part #	Part Description
1	281040	PEDESTAL WITH LIGHT DUTY
2	281045	PEDESTAL WITH LIGHT DUTY
3	281020	PEDESTAL WITH STANDARD ASBESTO
4	281025	PEDESTAL WITH STANDARD ASBESTO
5	281040	PEDESTAL WITH STANDARD ASBESTO
6	281045	PEDESTAL WITH STANDARD ASBESTO
7	281020	PEDESTAL WITH STANDARD ASBESTO
8	281025	PEDESTAL WITH STANDARD ASBESTO
9	281040	PEDESTAL WITH STANDARD ASBESTO
10	281045	PEDESTAL WITH STANDARD ASBESTO
11	281020	PEDESTAL WITH STANDARD ASBESTO
12	281025	PEDESTAL WITH STANDARD ASBESTO

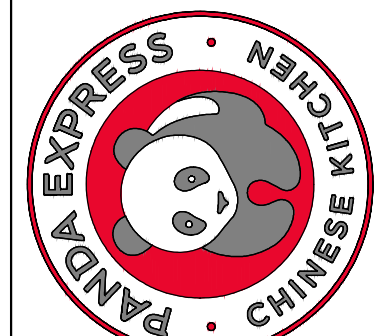
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Part	Part #	Part Description
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11	281020	PEDESTAL WITH STANDARD ASBESTO
12	281025	PEDESTAL WITH STANDARD ASBESTO



STATE OF FLORIDA
AUTHORIZATION NUMBER
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MILTON, FL
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CLIENT:

**PANDA RESTAURANT
GROUP**
1683 WALNUT GROVE AVENUE
ROSEMEAD, CA 91770
PHONE: (626) 372-8292

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