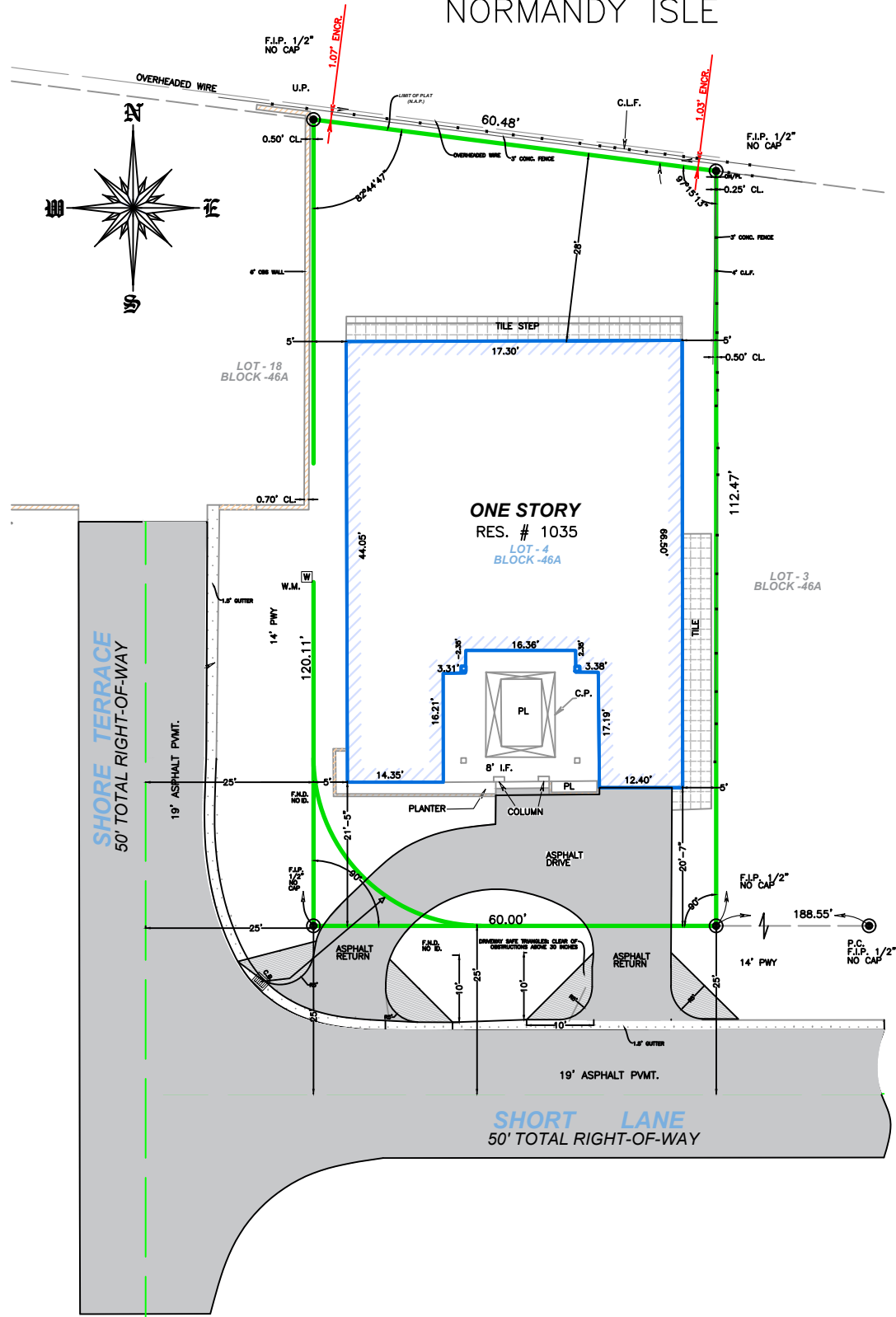


MUNICIPAL GOLF COURSE
NORMANDY ISLE



DRIVEWAY & PAVER SPECIFICATIONS

GENERAL SCOPE

Project Address: 1035 SHORE LANE, MIAMI BEACH, FL 33141.
Scope of Work: Removal of existing driveway and installation of new Permeable Paver System within the existing footprint 553 sq ft.
Compliance: All work shall comply with the City of Miami Beach public works standards and the current Florida building code.

PAVER MATERIAL SPECS (TECHO-BLOC HYDRA)

Paver type: Permeable Articulated concrete block
Thickness: 3 15/16" (100mm) minimum
Compressive Strength: 8,000 psi minimum (ASTM C936)
Water Absorption: Not greater than 5%
Infiltration Rate: >600 inches/hour (exceeds city requirement)

DRAINAGE & RESERVOIR LAYERS

Total System Depth: 16" minimum from finished grade
Joint Fill: ASTM no. 8 aggregate
Bedding Course: 2" thick ASTM no. 8 aggregate
Base Course: 4" thick ASTM no. 57 crushed stone (open-graded)
Sub-Base Course: 6" thick ASTM no. 2 crushed stone (reservoir layer)
Geotextile: non-woven separation fabric (mirafi 140n or equal) wrapping sides and bottom

SITE GEOMETRY & SAFETY

Approach Radius: 5'-0" radius (flare) at the intersection with the concrete gutter
Sight Visibility Triangle: 10' x 10' triangles at property line to remain clear of all obstructions (plants, walls, signs) above 30" from finished grade
Slope: Driveway to be pitched at 2% toward the public right-of-way
Leveling: New Paver surface to be flush with the existing concrete gutter. No lip or step permitted

ENVIRONMENTAL DATA

MHHW Separation: The bottom of the drainage system provides a vertical separation of approximately 2.2 ft above the mean higher high water (MHHW) line. Bottom of drainage system is +0.8' NAVD (approx.) which is above MHHW
Surface Permeability: 100% Permeable joints

ADA & PEDESTRIAN ACCESSIBILITY NOTE

Driveway Approach shall comply with all A.D.A. (Americans with disabilities act) accessibility requirements. maximum cross-slope not to exceed 2%

MAINTENANCE NOTE

The property owner is responsible for periodic maintenance of the permeable paver system. Joints shall be kept free of debris and refilled with ASTM no. 8 stone as needed to maintain infiltration rates

OTHER NOTES

- Concrete Edge Restraint (header beam) shall be 6"x12" concrete poured at all perimeters adjacent to landscape areas to prevent lateral movement of pavers
- Existing Concrete Gutter and Asphalt Roadway shall be protected during construction. Any damage to public infrastructure shall be repaired to city standards at the owner's expense

Project
DRIVEWAY SITE
REPLACEMENT
& SITE DRAINAGE

Drawing Title
SITE PLAN & LAYOUT
Design By
ROBERT
Sheet Name
S1

Scale
N.T.S

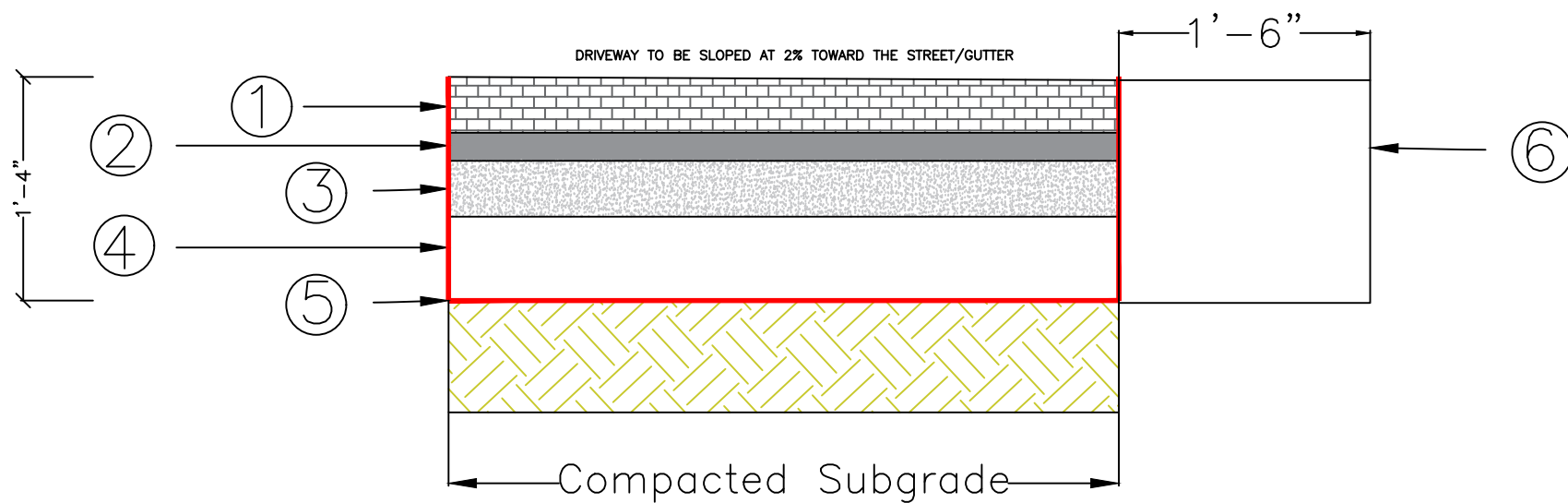
North

Client Name

Date
February 10, 2026

Address
1035 SHORE LANE, MIAMI BEACH, FL 33141

Revision Box



GENERAL NOTES:

• Permeable Paver Driveway

1. Product: Techo-bloc hydra (or equal permeable paver)
2. Paver thickness: 3 15/16" (100mm)
3. Minimum compressive strength: > 8,000 psi
4. Infiltration rate: > 600 inches/hour (as per city of miami beach standards)
5. Total system depth: 16" minimum (reservoir layers)
6. Footprint: 553 sq ft (existing footprint - no expansion)
7. Flush Finish: Top of paver to be flush with concrete gutter to prevent ponding.

• Layer specifications (top to bottom)

Surface: techo-bloc hydra permeable paver

Joint Fill: ASTM no. 8 aggregate

Bedding course: 2" of ASTM no. 8 stone

Base course: 4" of ASTM no. 57 crushed stone

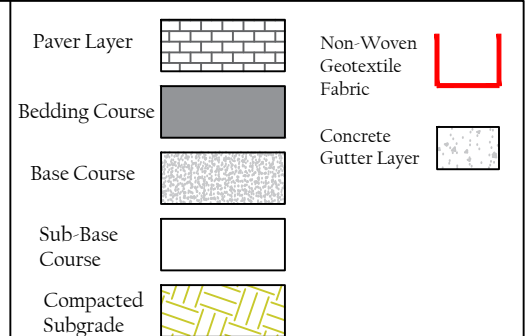
Sub-base course: 6" of ASTM no. 2 crushed stone

Separation: non-woven geotextile fabric (wrap sides and bottom)

Subgrade: compacted native soil.

LEGENDS

1. 3-15/16" Techo-Bloc Hydra Permeable Paver
2. 2" ASTM No. 8 Aggregate (Bedding Course)
3. 4" ASTM No. 57 Stone (Base Course)
4. 6" ASTM No. 2 Stone (Sub-Base Course)
5. Non-Woven Geotextile separation fabric (mirafi 140n or equal), wrap sides and bottom of reservoir
6. 1.5' Concrete Gutter (pavers to be flush with concrete gutter to prevent ponding)



VERTICAL MEASUREMENTS: 4" (PAVER) + 2" (BEDDING) + 4" (BASE) + 6" (SUB-BASE) = 16" TOTAL
HORIZONTAL MEASUREMENT : 4'

Project

DRIVEWAY SITE
REPLACEMENT
& SITE DRAINAGE

Drawing Title

Paved Driveway Cross-Section

Design By

ROBERT

Sheet Name

D1

Scale

N.T.S

North

Client Name

Date

February 10, 2026

Address

1035 SHORE LANE, MIAMI BEACH, FL 33141

Revision Box