

**TOWN OF BROOKHAVEN  
STANDARD NOTES**

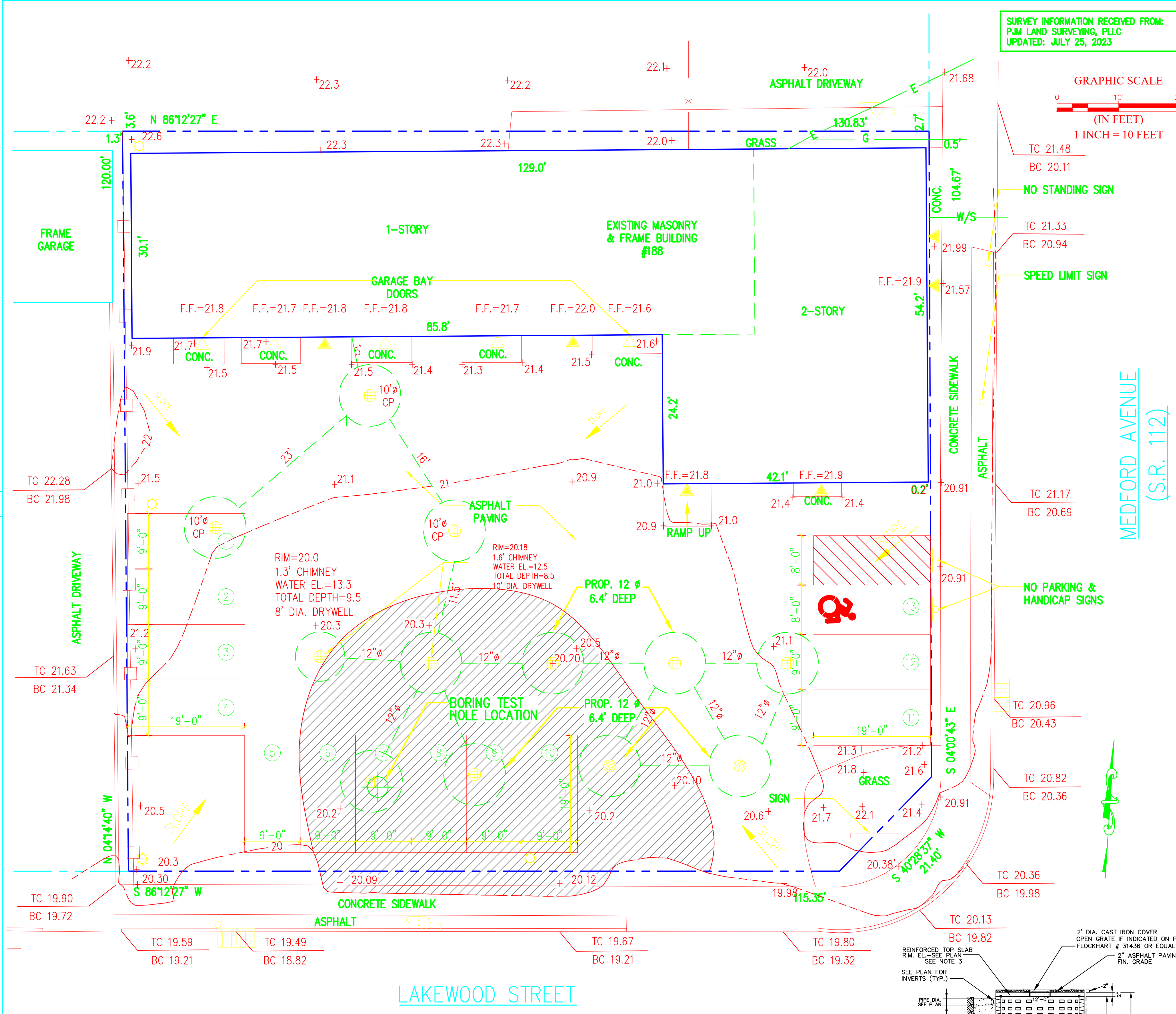
1. ALL CONCRETE CURBING, SIDEWALKS, AND DRAINAGE STRUCTURE SHALL CONFORM TO PLANNING BOARD STANDARD DETAIL AND SPECIFICATIONS.
2. TOWN OF BROOKHAVEN ENGINEERING INSPECTOR IN THE DEPARTMENT OF PLANNING, ENVIRONMENT AND LAND MANAGEMENT SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF ALL CONSTRUCTION AT 631-451-6400 BETWEEN THE HOURS OF 9:00 AM - 4:30 PM MONDAY THROUGH FRIDAY.
3. PLEASE CONTACT THE DIVISION OF ENGINEERING AT (631-451-6400 TO SCHEDULE A PRE-CONSTRUCTION MEETING 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY AND ALL CONSTRUCTION ACTIVITIES.
4. LOCATION AND GRADES FOR CURBS AND WALKS TO BE VERIFIED WITH THE TOWN OF BROOKHAVEN HIGHWAY DEPARTMENT, SCDPW OR NYSDOT PRIOR TO CONSTRUCTION.
5. ALL TRAFFIC CONTROL DEVICES, I.E. SIGNALS, SIGNS, AND PAVEMENT MARKINGS SHALL BE INSTALLED IN CONFORMANCE WITH THE GUIDELINES OF THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND AS DIRECTED BY THE TOWN OF BROOKHAVEN, DIVISION OF TRAFFIC STUDY.
6. THE CONTRACTORS PERFORMING ANY AND ALL TRAFFIC CONTROL DEVICES LAYOUT AND INSTALLATION WORK SHALL NOTIFY THE TOWN OF BROOKHAVEN DIVISION OF TRAFFIC SAFETY, 48 HOURS IN ADVANCE OF BEGINNING SUCH WORK ALONG A TOWN ROAD.
7. ALL PAVEMENT MARKINGS REQUIRED SHALL BE THERMOPLASTIC (SUFFOLK COUNTY SPECIFICATIONS) UNLESS OTHERWISE NOTED ON PLAN.
8. STOP LINE SIGHT DISTANCE SHALL BE MAINTAINED AT ALL INTERSECTIONS IN ACCORDANCE WITH AASHTO REQUIREMENTS.

**LEGEND**

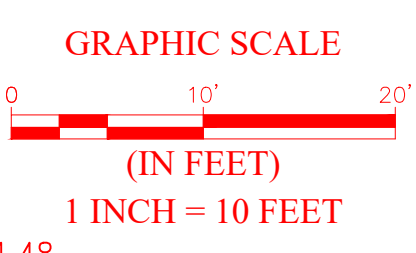
TOP OF CURB ELEV.	TC
BOTTOM OF CURB ELEV.	BC
TOP OF GRATE (SLOTTED COVER)	TG
ELEVATION	EL
CAST IRON SOLID COVER	●
CAST IRON GRATING (DRAINAGE)	○
MANHOLE OR GRATING	○
SANITARY SEWER	○
DRAINAGE INLET	○
DRAINAGE MANHOLE	○
GREASE TRAP	○
GAS VALVE	○
WATER VALVE	○
WATER METER	○
CLEAN OUT	○
SEWER VENT PIPE	○
CATCH BASIN	○
BOLLARD	○
BUILDING ENTRANCE PEDESTRIAN	▲
BUILDING ENTRANCE OVERHEAD DOOR	▲
TEST HOLE LOCATION	△
FLOW ARROW	→
PROPERTY LINE	—
OVERHEAD ELECTRIC	—OH—
GAS MAIN (SERVICE)	—G—
WATER MAIN (SERVICE)	—W—
STORM DRAIN	—D—
SANITARY (SEWER)	—S—
CHAIN LINK FENCE	—X—
VINYL FENCE	—○—
STOCKADE FENCE	—□—
CURB	—
SIDEWALK	—
LEACHING POOL	○
HYDRANT	HYD
UTILITY POLE	○
LIGHT POLE	○
SIGN	○
HANDICAP PARKING SPACE	○

**EXISTING BUILDING**

**188 MEDFORD AVE, PATCHOGUE, NY 11772**



SURVEY INFORMATION RECEIVED FROM:  
PJM LAND SURVEYING, PLLC  
UPDATED: JULY 25, 2023



**PROJECT CONTACT INFORMATION**

**OWNER INFORMATION**  
OWNER: KHALED AMIN  
ADDRESS: 17 BUFFET PLACE  
HUNTINGTON STATION, NY 11746  
TELE. NUMBER: (516) 513-9917  
EMAIL: KHALEDAMIN786@YAHOO.COM

**ARCHITECT INFORMATION**  
APPLICANT: EAB ARCHITECTURAL DESIGNS  
ERIK BJORNEBY, RA  
ADDRESS: 4250 VETERANS MEM. HWY  
SUITE 2040W  
HOLBROOK, NY 11741  
TELE. NUMBER: (631) 319-1047  
EMAIL: ERIKB@EABARCHITECTURE.COM

**SITE DATA**

PROPERTY ADDRESS: 188 MEDFORD AVE  
PATCHOGUE, NY 11772

DISTRICT: 200  
SECTION: 975.4  
BLOCK: 1  
LOT(S): 25  
ZONE: J2  
AREA OF SITE: 15,555 SQ. FT. (0.36 ACRES)  
AREA OF PAVING: 10,179 SQ. FT.  
AREA OF TOTAL LANDSCAPING: 465 SQ. FT.  
GFA OF PROPOSED BUILDING: 6,809 SQ. FT.  
FIRST FLOOR GARAGES: 3,041 SQ. FT.  
FIRST FLOOR OFFICES: 1,870 SQ. FT.  
SECOND FLOOR OFFICES: 1,898 SQ. FT.

**DRAINAGE CALCULATIONS**

PROVIDE MINIMUM STORAGE FOR 5" RAINFALL

IMPERVIOUS: ASPHALT DRIVE / CONCRETE SIDEWALK  
10,179 SF X 1.0 RUNOFF COEFF. X 0.417 DESIGN RAINFALL  
= 4,244.64 CF

IMPERVIOUS: ROOF  
4,911 SF X 1.0 RUNOFF COEFF. X 0.417 DESIGN RAINFALL  
= 2,047.89 CF

PERVIOUS: LAWN  
465 SF X 0.15 RUNOFF COEFF. X 0.417 DESIGN RAINFALL  
= 29.08 CF

**TOTAL DRAINAGE REQUIRED: 6,321.61 CF**

PROVIDE MINIMUM STORAGE FOR 2" RAINFALL

IMPERVIOUS: ASPHALT DRIVE / CONCRETE SIDEWALK  
10,179 SF X 1.0 RUNOFF COEFF. X 0.167 DESIGN RAINFALL  
= 1,699.89 CF

IMPERVIOUS: ROOF  
4,911 SF X 1.0 RUNOFF COEFF. X 0.167 DESIGN RAINFALL  
= 820.14 CF

PERVIOUS: LAWN  
465 SF X 0.15 RUNOFF COEFF. X 0.167 DESIGN RAINFALL  
= 11.65 CF

**TOTAL DRAINAGE REQUIRED: 2,531.68 CF**

**DRAINAGE STRUCTURES:**  
EXISTING (1) 8" Ø DRAINAGE POOL @ 9.5' DEPTH  
1 X 42.24 CF X 9.5' DEPTH = 401.28 CF  
EXISTING (1) 10" Ø DRAINAGE POOL @ 8.5' DEPTH  
1 X 68.42 CF X 8.5' DEPTH = 581.57 CF  
**TOTAL EXISTING PROVIDED = 982.82 < 2,531.68 CF REQUIRED FOR 2"**

**PROPOSED STRUCTURES TO MEET 4.4" RAINFALL REQUIRED**  
2,531.68 REQ. - 982.82 EX. = 1,548.86 CF MIN.  
PROPOSE (7) 12" Ø DRAINAGE POOLS @ 6.4' DEPTH  
7 X 100.88 CF X 6.4' DEPTH = 4,519.42 CF  
**TOTAL PROPOSE = 982.82 + 4,519.42 = 5,502.04 CF**

PROVIDE PONDING FOR 3" RAINFALL

**TOTAL DRAINAGE REQUIRED FOR 5" RAINFALL: 6,321.61 CF**  
**TOTAL DRAINAGE REQUIRED FOR 4.4" RAINFALL: 5,502.24 CF**  
**TOTAL DRAINAGE REQUIRED FOR .60" PONDING: 832.5 CF**

**5502.24 CF + 832.5 CF = 6,334.74 CF**

ELV 20.2    RIM=19.82    +19.93

1'	MIXED SAND AND LOAM
3'	BROWN SILTY SAND (SM)
4'	BROWN FINE TO COARSE SAND (SW)
5'	GRAYISH BROWN SILTY SAND (SM)
	PALE BROWN FINE SAND (SP)
7.5'	WATER ENCOUNTERED

WATER IN PALE BROWN FINE SAND (SP)

**BORING TEST DATA:**  
MCDONALD GEOSERVICES  
10/30/23  
COMMENTS: WATER ENCOUNTERED 7.5' BELOW SURFACE

**1 SITE PLAN**  
SCALE: 1" = 10'-0"

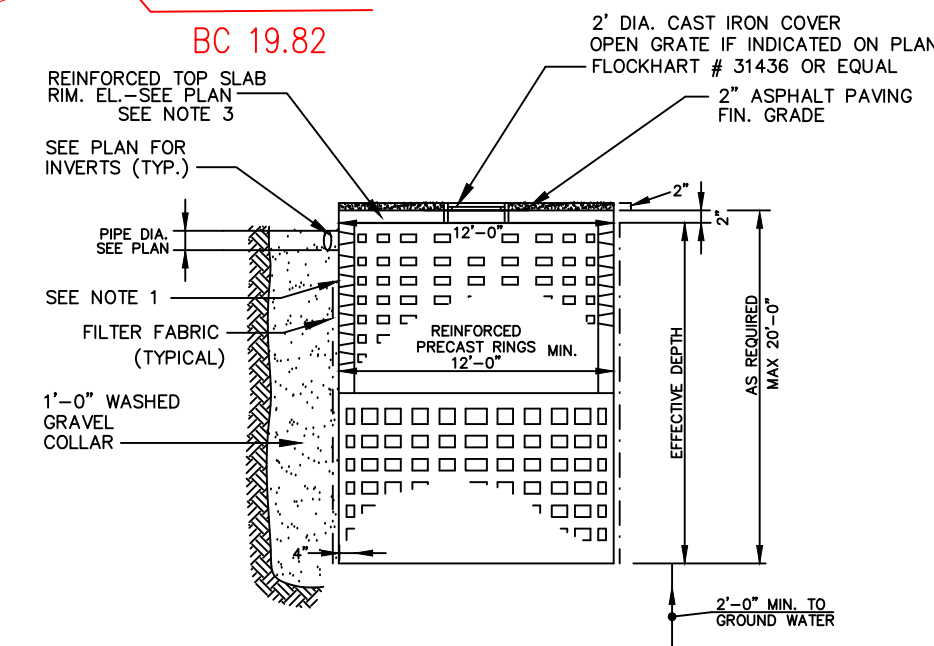
**PARKING CALCULATIONS**

MOTOR VEHICLE RENTAL: 1 SPACE PER 400 GFA  
6,809 / 400 = 17 SPACES

MOTOR VEHICLE REPAIR: 1 SPACE PER 200 GFA  
GARAGE: 1 SPACE PER 200 GFA  
3,041 S.F. / 200 = 15.2 SPACES

OFFICE: 1 SPACE PER 150 S.F.  
3,768 S.F. / 150 = 18.8 SPACES

X SPACES REQUIRED > X SPACES PROVIDED (INCLUD. 1 H.C. SPACE)  
X SPACES x 5% = X H.C. SPACES REQUIRED = X PROVIDED OKAY



**NOTES FOR LEACHING POOL DETAILS:**

1. STEEL REINFORCED WELDED WIRE FABRIC 6" x 12" #6 x #8
2. ALL LEACHING RINGS SHALL BE WRAPPED & TIED WITH FILTER FABRIC
3. STEEL REINFORCING ON TRAFFIC TOP SLAB # 5 @ 6" BOTH WAYS
4. INLET PIPE SHALL BE A MINIMUM 6" SDR 35.
5. ALL DRAINAGE STRUCTURES SHALL HAVE OPEN OR SOLID CASTINGS AT GRADE.

**DRYWELL DETAIL**  
N.T.S.