

SIDEN RESIDENCE

6 WINDSONG ROAD
ARDSLEY, NY 10502

LIST OF DRAWINGS

A-0	LIST OF DRAWINGS
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A-9	SOUTH ELEVATION

ISSUE DATE:		3.22.2016	
PERMIT SET:			
CONSTRUCTION SET:			
REVISIONS			
CHOURA ARCHITECTURE PC			
1 BARKER AVENUE, WHITE PLAINS, N.Y. 10601 TEL:(914) 686-7774/5/6 FAX:(914) 686-7555			
63 CHURCH LANE SCARSDALE, N.Y.10583 TEL: (914) 472-0228 FAX: (914) 472-0541			
SIDEN RESIDENCE		DATE: 12.8.2015	
6 WINDSONG ROAD		SCALE: 1/4" = 1'-0"	
ARDSLEY, NY 10502		BY: L.A.	
	LIST OF DRAWINGS		
	A-0		



1. NORTH ELEVATION
A- SCALE: 1/4" = 1'-0"

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SIDEN RESIDENCE		DATE:
6 WINDSONG ROAD		12.8.2015
ARDSLEY, NY 10502		SCALE:
		1/4" = 1'-0"
		BY:
		L.A.
		NORTH ELEVATION
		A-10



ISSUE DATE:	3.22.2016
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SIDEN RESIDENCE
6 WINDSONG ROAD
ARDSLEY, NY 10502

DATE:
12.8.2015
SCALE:
1/4" = 1'-0"
BY:
L.A.

BACK ELEVATION

A-11



① SOUTH ELEVATION
A- SCALE: 1/8" = 1'-0"

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SIDEN RESIDENCE 6 WINDSONG ROAD ARDSLEY, NY 10502		DATE: 12.8.2015
		SCALE: 1/4" = 1'-0"
		BY: L.A.
SOUTH ELEVATION		
A-12		

DESIGN REQUIREMENT FOR THE 2010 RESIDENTIAL CODE OF NEW YORK STATE
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

(PER TABLE R 301.2 (1))

Table with 11 columns: GROUND SNOW LOAD, WIND SPEED (MPH), SEISMIC DESIGN CATEGORY, SUBJECT TO DAMAGE FROM (WEATHERING CONCRETE, FROST LINE DEPTH, TERMITES, DECAY), WINTER DESIGN TEMP. °F, ICE SHIELD UNDERLAYMENT REQUIRED, FLOOD HAZARDS, AIR FREEZING INDEX.

STRUCTURAL LOADS:

Table with 2 columns: FLOOR/ROOF TYPE and LOADS. Includes First Floor (Wood/Tile), Second Floor, Roof, and Soil Bearing Capacity details.

INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT

Table with 10 columns: CLIMATE ZONE, FENESTRATION U-FACTOR, SKYLIGHT U-FACTOR, CEILING R-VALUE, WOOD FRAME WALL R-VALUE, MASS WALL R-VALUE, FLOOR R-VALUE, BASEMENT WALL R-VALUE, SLAB R-VALUE & DEPTH, CRAWL SPACE WALL R-VALUE.

- a- R-VALUE ARE MINIMUMS.U-FACTORS.R-19 INSULATION SHALL BE PERMITTED TO BE COMPRESSED INTO 2X6 CAVITY
- b- THE FENESTRATION U-FACTORS COLUMN EXCLUDE SKYLIGHTS.
- c- THE FIRST R-VALUE APPLIES TO CONTINUOUS INSULATION, THE SECOND TO FRAMING CAVITY INSULATION:EITHER INSULATION MEETS REQUIREMENTS.
- d- R-5 SHALL BE ADDED TO THE REQUIRED SLAB EDGE R-VALUES FOR HEATED SLABS.
- g- THE SECOND R-VALUE APPLIES WHEN MORE THAN HALF THE INSULATION IS ON THE INTERIOR OF THE MASS WALL.

2' x 1' CONTINUOUS POURED REINFORCED CONC. FOOTING WITH 3 #5 REBARS ON LOWER THIRD OF FOOTING 4" ABOVE GRADE AND TO BE CEMENTED IN THE EXISTING FOUNDATION. 4 WIRED TO REBARS IN THE NEW FOUNDATION. 3" X 3" VERTICAL KEY CUT INTO EXISTING WALL. 2 # 5 REBARS # FT6 DRILLED 4" MIN. INTO WALL (4'-0") L. STEP UP FOUNDATION.

ALL FOOTING DRAINS TO BE CONNECTED TO EXISTING FOOTING DRAINS TO BE 6"DIAM. PERFORATED PIPE OVER GRAVEL AND COVERED WITH FABRIC MESH (TYP.) 12" CONC. BLOCK FOUNDATION WALL. SOLID FILL TOP AND BOTTOM TWO COURSES. WATER PROOFING MEMBRANE OR RUBBER WALL AS PER R406.1 OF NY'S RESIDENTIAL CODE. 1 1/2" PROTECTION BOARD FOUNDATION TO BE PARGED.

EGRESS WINDOW WITH MIN. NET CLEAR OPENING AREA EXCEEDING 5.7 SQ.FT. AND NOT HIGHER THAN 44" ABOVE FLOOR AS PER SECTION R310.1.1 OF NY'S RESIDENTIAL CODE.

36"x36" WINDOW WELL AS PER SECTION R 310.2 OF NY'S RESIDENTIAL CODE.

EMERGENCY ESCAPES AND RESCUE OPENINGS TO BE IN COMPLIANCE WITH NY STATE CODE SECTION R310.R310.1.1 MIN. 5.7 SQ.FT. (1ST FLOOR AND ABOVE) 5.0 SQ.FT. (BASEMENT OPENING) AND SECTION R310.1.2 - MIN HEIGHT OF OPENING TO BE 24" CLEAR AND R310.13 MIN WIDTH OF OPENING 20" CLEAR WINDOW SILL TO BE 44" MAX. A.F.F.

HEIGHT OF CHIMNEY AND FLUE TERMINATIONS TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF R1003.5 OF THE NY'S RESIDENTIAL CODE. MINIMUM 2 FT. HIGHER THAN ANY PORTION OF THE BUILDING WITHIN 10 FT. AND A MINIMUM 3 FT. HIGHER THAN THE HIGHEST POINT WHERE IT PENETRATES THE ROOF.

MECHANICAL VENTILATION TO EXTERIOR IN COMPLIANCE WITH THE NY'S RESIDENTIAL CODE REQUIREMENTS FOR PROPER VENTILATION AND COMBUSTION AIR FOR MECHANICAL ROOM PER SECTION M1801.3.1 TO M1801.3.4 HYDRO AIR SYSTEM AND TANK VENT BOILER THROUGH DEDICATED FLUE IN MAIN CHIMNEY STACK.

CHIMNEY, FLUES AND GAS VENTS TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF CHAPTER 10 AND 18 OF THE NY'S RESIDENTIAL CODE.

SOIL BEARING CAPACITY USED FOR FOOTING DESIGN PER SECTION R401 AND TABLE 401.4.1 OF NY'S RESIDENTIAL CODE.

ALL CONNECTORS TO BE USED FOR PRESSURE TREATED LUMBER TO BE APPROVED FOR USE WITH ACQ PRESSURE TREATED LUMBER.

MINIMUM 3,000 PSI CONCRETE STRENGTH TO BE USED FOR EXPOSED EXTERIOR WALLS FOR COMPLIANCE WITH TABLE R402.2 FOR SEVERE WEATHERING EXPOSURE.

COLD WEATHER CONCRETE TO BE IN COMPLIANCE WITH ACI 308.

MINIMUM 3500 PSI CONCRETE COMPRESSIVE STRENGTH TO BE USED FOR HORIZONTAL SURFACES EXPOSED TO THE WEATHER INCLUDING PORCHES, STEPS, WALKS AND GARAGE FLOOR SLABS FOR COMPLIANCE WITH TABLE R402.2 FOR SEVERE WEATHERING EXPOSURE.

FIRE SEPARATION BETWEEN GARAGE AND HABITABLE SPACE TO BE 3/4 HOUR FIRE RATED ASSEMBLY WALLS AND CEILING WITH 3/4 HOUR FIRERATED SELF CLOSING DOOR. 5/8" TYPE X GYPSUM BOARD AS PER SECTION R 309 NY'S RESIDENTIAL CODE REQUIREMENTS.

FIREPLACE UL LISTING TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF CHAPTER 10 OF THE NY'S RESIDENTIAL CODE.

TYPICAL 2x6 INTERIOR GARAGE WALL: 5/8" TYPE 'X' FIRE RATED DRYWALL TAPED & SANDED. 6 mil POLY V.B. TOWARD HEATED SPACE. 2x6 STUDS # 16' O.C. BATT INSULATION. 5/8" TYPE X FIRE RATED DRYWALL TAPED & SANDED.

PROVIDE TIGHT-FITTING NONCOMBUSTIBLE FIREPLACE DOORS PER NII01.11 OF NY'S RESIDENTIAL CODE.

PROVIDE PROPER SEPARATION BETWEEN MECHANICAL EQUIPMENT ROOM AND PROPOSED HABITABLE SPACE. PROVIDE 3/4" HR. FIRE RATED WALLS AND CEILINGS WITH 3/4" HR. FIRE-RATED ELF CLOSING DOOR ASSEMBLY.

TYPICAL 2X6 STONE EXTERIOR: 4"STONE FACE VENEER ADJUSTABLE GALVANIZED ANCHORS # 16"OC 3/4" FLYWOOD SHEATHING (FAFIR WRAPITTVSEK OR TARR PAPER) 2x6 STUDS # 16' O.C. R19 BATT INSUL. V.B. TO HEATED SPACES 5/8" DRYWALL TAPED & SANDED.

TYPICAL 2X6 OR 2X4 INTERIOR WALL: 5/8" DRYWALL TAPED & SANDED 2x6 OR 2X4 STUDS # 16' OC W/ SOUND INSULAT. 5/8" DRYWALL TAPED & SANDED.

TYPICAL BATHROOM WALLS: ALL BATHROOMS WALLS TO BE 2x6 W/ SOUND INSULATION. INSTALL 1/2" GREEN BOARD BEHIND TILES AND W/ONDER BOARD IN SHOWER AND UET AREAS. ALL PIPES IN EXTERIOR WALLS TO BE INSULATED INDIVIDUALLY IN ADDITION TO R-19 INSULATION.

TYPICAL CEILING ASSEMBLY: 5/8" DRYWALL TAPED & SANDED SOUND INSULATION (R-38 BATT INSULATION FOR ATTIC CEILINGS).

ALL STAIRS: ALL STAIRS TO HAVE NO LESS THAN 9" TREADS AND NO MORE THAN 8 1/4" RISERS AS PER SECTION R311.5.3 OF NY'S RESIDENTIAL CODE.

PROVIDE HANDRAILS AT 36"HIGH FOR INT. STAIRS W/ 2 OR MORE RISERS AND 4" O.C MAX. SPACE BET. SPINDLES AS PER SEC. R311.5.6 OF THE NY'S RES. CODE.

CARBON MONOXIDE DETECTORS: CARBON TO BE IN COMPLIANCE WITH DIRECTIVE FROM NY'S CODE SECTION R313.4 FOR INSTALLATION OF CARBON MONOXIDE DETECTORS OUTSIDE SLEEPING ROOMS, HABITABLE SPACE AND MECHANICAL ROOM.

SMOKE DETECTORS: TO BE IN COMPLIANCE WITH NY'S RESIDENTIAL CODE SECTION R313.1 REQUIREMENTS FOR PROPER INSTALLATION OF SMOKE DETECTORS/ALARMS. ALL SMOKE DETECTORS TO BE HARD WIRED WITH BATTERY BACKUP AND INTERCONNECTED. SMOKE DETECTORS IN ALL SLEEPING ROOM AND OUTSIDE ROOMS IN IMMEDIATE VICINITY OF SLEEPING ROOMS.

EMERGENCY ESCAPE AND RESCUE OPENINGS: TO BE IN COMPLIANCE WITH NY STATE CODE SECTION R310.R310.1.1 MIN. 5.7 SQ.FT. (1ST FLOOR AND ABOVE) 5.0 SQ.FT. (BASEMENT OPENING) AND SECTION R310.1.2 - MIN HEIGHT OF OPENING TO BE 24" CLEAR AND R310.13 MIN WIDTH OF OPENING 20" CLEAR WINDOW SILL TO BE 44" MAX. A.F.F.

FLASHING: INSTALL COPPER FLASHING AND ICE SHIELD 12" UP THE WALL AND COUNTER FLASHING WHERE ROOF MEETS WALL (TYP.) PROVIDE ICE SHIELD AND COPPER FLASHING UNDER DOOR AND WINDOW SILLS. HOUSE TO BE MECHANICALLY VENTILATED & ARTIFICIALLY LIT.

DECK GUARDS: DECK GUARDS TO CONFORM W/ R312.1 OF THE N.Y.S. RESIDENTIAL CODE & GUARDS OPENING LIMITATIONS AS PER R312.2 OF THE N.Y.S. RESIDENTIAL CODE.

THE DESIGN IS IN COMPLIANCE WITH ALL REQUIREMENTS OF THE 2010 RESIDENTIAL CODE OF THE STATE OF NEW YORK.

BANA CHOURA LOUGHRAN A.I.A.

GENERAL NOTES
CODE COMPLIANCE

The Contractor, Subcontractors and others performing work on this project shall comply with all state and local codes and regulations.

SUBSTITUTION

Changes and substitutions are permissible only with the prior written approval and authorization of the Architect.

DISCREPANCIES

When discrepancies occur between construction conditions and the construction documents, the Contractor shall be responsible for notifying the Architect for clarification or verification prior to proceeding.

ROOF FRAMING

General contractor is to inform the Architect about roof framing schedule.

A sample of roof pitch and ridge height should be approved by the Architect before proceeding with the roof construction.

MEASUREMENT

FIELD CONDITIONS: The contractor shall verify all measurements and site conditions and shall notify the Architect of any and all discrepancies prior to proceeding. LAYOUT : All dimensions are from new structural member to new structural member or from existing finished surface to new structural member, as the case may be, unless other noted.

USE OF DRAWING: The Contractor shall use figure measurements noted on the drawings only. Measurements shall not be scaled from the drawings. If additional information is required the Contractor shall notify the Architect prior to proceeding. The Contractor shall not interpolate dimensions or information from the drawings.

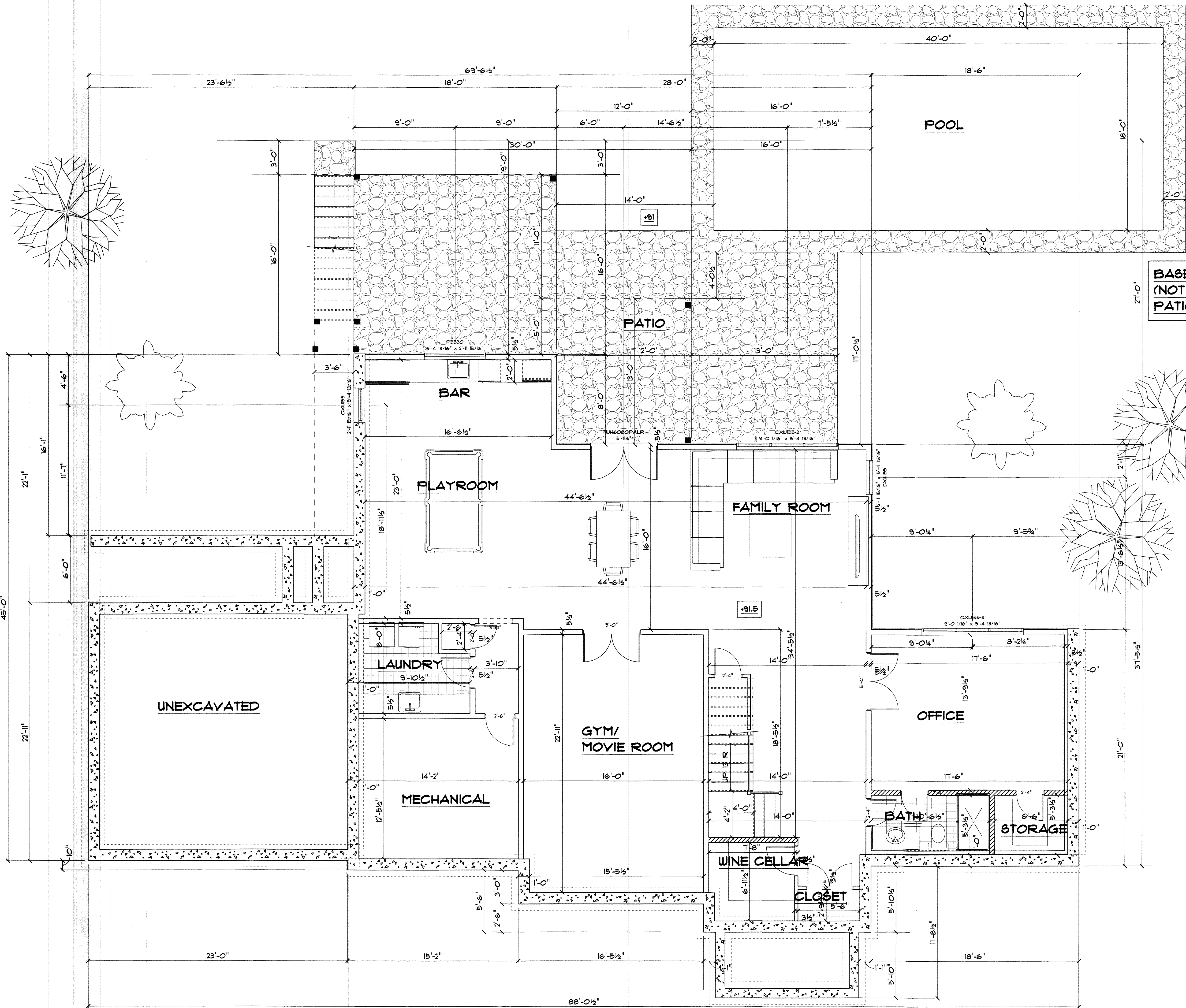
ADD HARD WIRED SMOKE DETECTORS TO ALL BEDROOMS. SMOKE ALARMS SHALL BE INTERCONNECTED ATTACHED TO ALARM SYSTEM OR SHALL BE PRIMARY POWERED WITH BATTERY BACK-UP. INSTALL CARBON MONOXIDE DETECTOR UNDER BEDROOM FLOOR. ALL BATHROOMS WALLS TO HAVE SOUND INSULATION. ALL PIPES IN EXTERIOR WALLS TO BE INSULATED INDIVIDUALLY IN ADDITION TO R-19 INSULATION. ALL SHOWER WALLS TO BE TILED FULL HEIGHT AND TO HAVE TEMPERED GLASS. ALL EXISTING EXTERIOR CONNECTIONS ON OUTSIDE WALLS SUCH AS WATER BIBBS AND VENTS, SPRINKLERS CONNECTION, ELECTRICAL OUTLETS...ETC. TO BE EXTENDED AND RELOCATED TO NEW EXTERIOR WALLS. ALL SPRINKLERS CONNECTIONS AND PIPES IN THE AREA OF WORK TO BE IDENTIFIED, DISCONNECTED DURING CONSTRUCTION AND RECONNECTED AT COMPLETION OF THE PROJECT. DIMENSIONS IN AREAS OUTSIDE RENOVATION AREAS ARE BASED ON EXISTING ARCHITECTURAL PLANS PROVIDED BY OTHERS TO THIS OFFICE.

Table with 2 columns: ISSUE DATE, PERMIT SET, CONSTRUCTION SET, REVISIONS.

CHOURA ARCHITECTURE PC
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Table with 2 columns: Siden Residence, 6 WINDSONG ROAD, ARDSLEY, NY 10502. Includes DATE, SCALE, BY.

CODES AND STRUCTURAL LOADS



BASEMENT FLOOR:
CEILING HEIGHT: 9'-0"
WINDOW HEADERS: 1'-0"
DOOR HEADERS: 1'-0"
DOORS HEIGHT: 1'-0"

BASEMENT FINISHED AREA: 2215 SQ. FT
(NOT INCLUDING MECHANICAL)
PATIO: 439+428 (POOL BORDER) ALT. = 861 SQ. FT

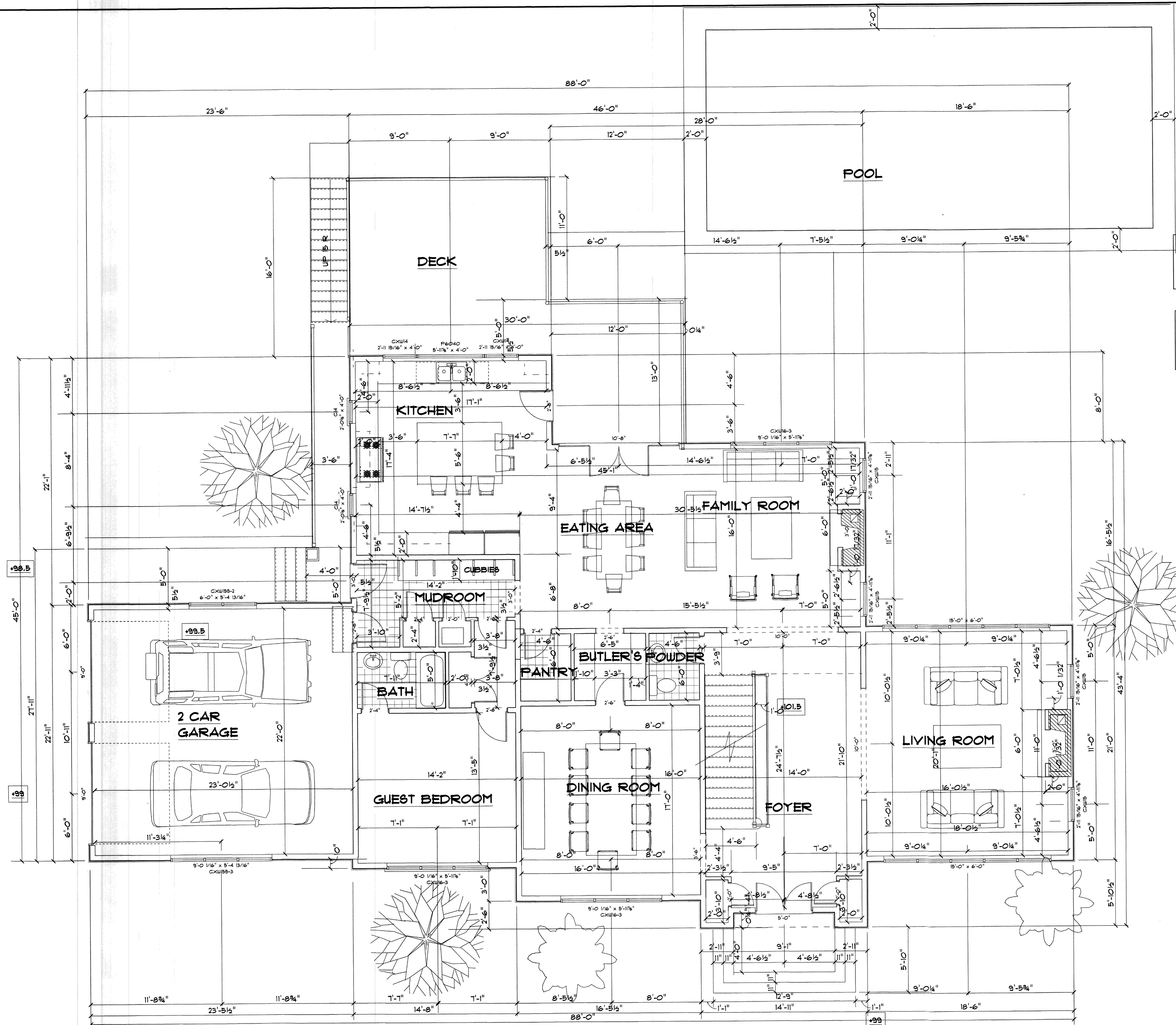
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	BY: L.A.

BASEMENT
FLOOR PLAN

A-3



1ST FLOOR
CEILING HEIGHT:8'-0"
ALL WINDOWS HEADERS:8'-0"
ALL DOORS EXTERIOR AND INTERIOR HEADER:8'-0"
ALL DOORS HEIGHT:8'-0"

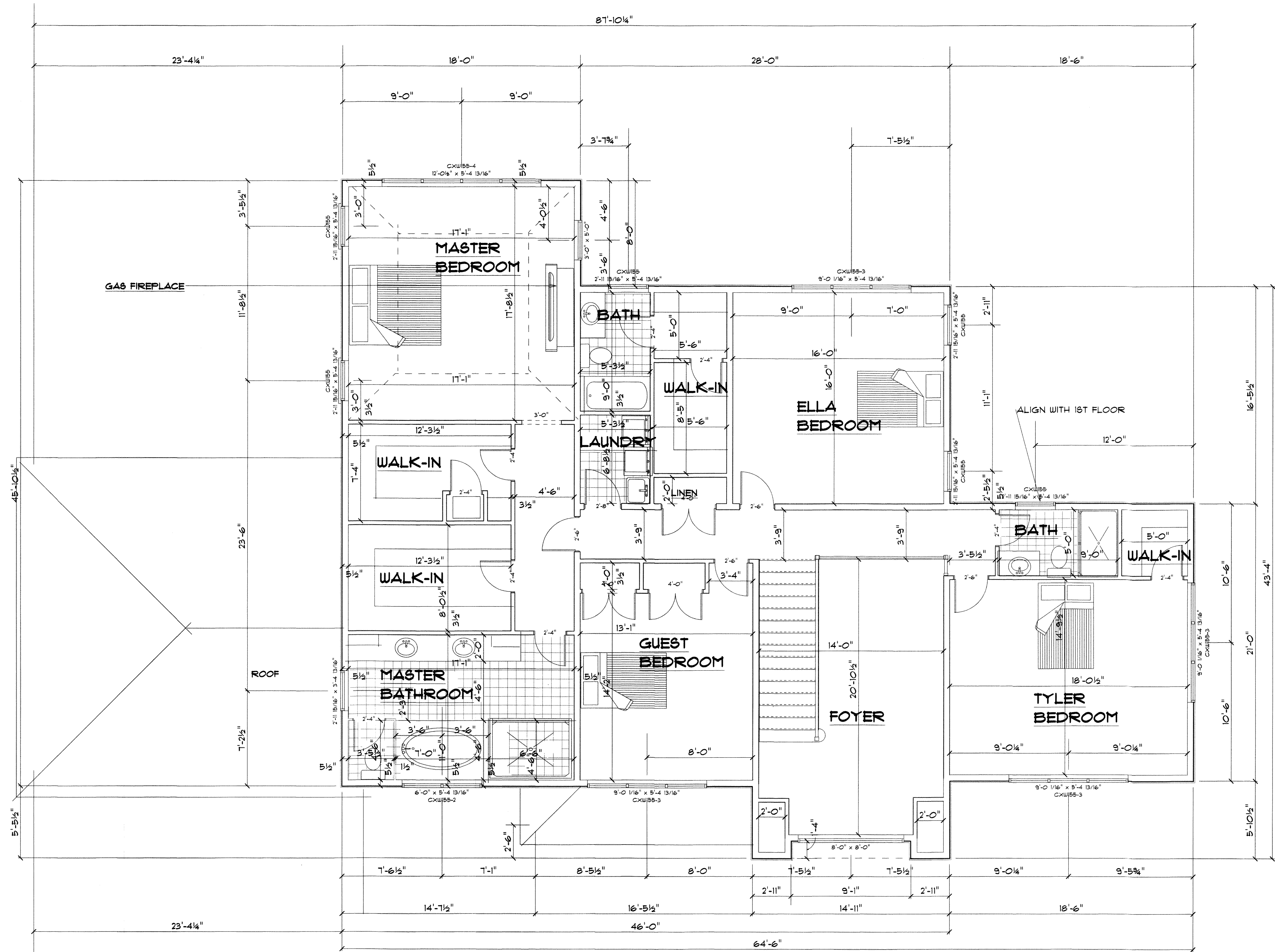
TOTAL BUILDING:
2946+444(DECK)+20 (B. PORTICO)=3410 sq.ft

1ST FLOOR AREA: 2392 SQ.FT
GARAGE: 554 SQ.FT
TOTAL AREA W/ GARAGE: 2946 SQ.FT

[illegible]

2ND FLOOR
CEILING HEIGHT: 9'-0"
WINDOW HEADERS: 8'-0"
DOOR HEADERS: 1'-0"
DOORS HEIGHT: 1'-0"
ROOF OVERHANG: 14"
ROOF PITCH 6 1/2 /12

2ND FLOOR AREA: 2348 sq.ft



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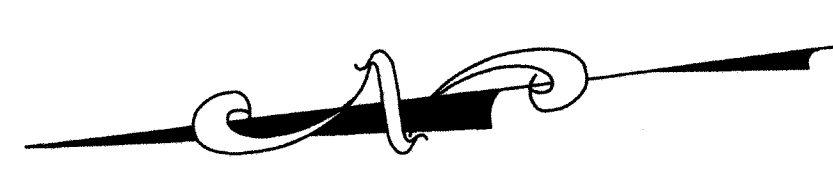
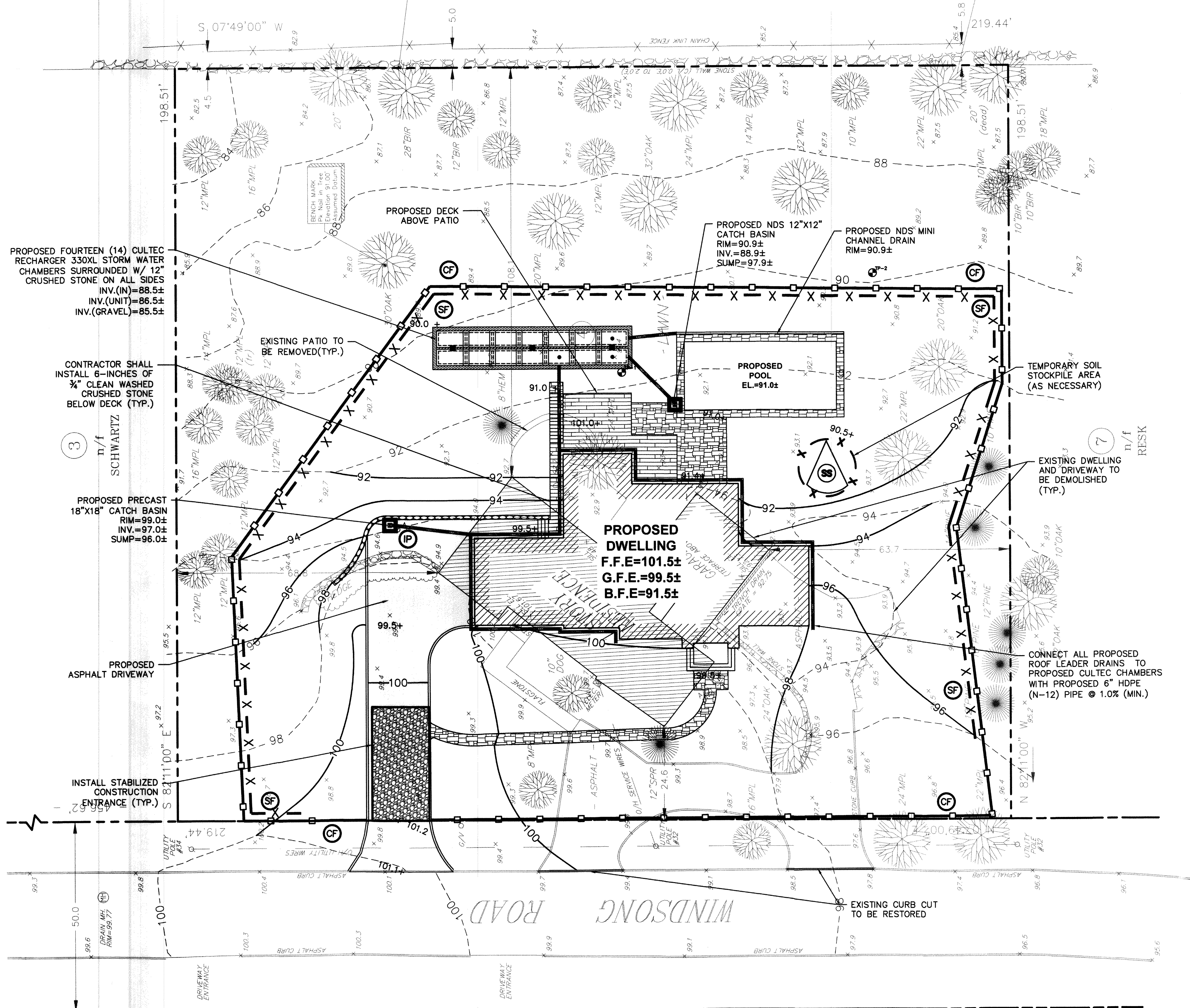
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2ND FLOOR PLAN

A-5



LEGEND

PROPERTY LINE	---
PROPOSED BELGIAN BLOCK CURB	---
PROPOSED ASPHALT DRIVEWAY	---
PROPOSED WALKWAY/PATIO	---
PROPOSED CONTOUR	---
PROPOSED SPOT GRADE	+91.4
PROPOSED STORM PIPE	---
PROPOSED DRAIN INLET	---
PROPOSED CHANNEL DRAIN	---
TEMPORARY INLET PROTECTION	---
TEMPORARY SILT FENCE	---
TEMPORARY CONSTRUCTION FENCE	---
TEMPORARY SOIL STOCKPILE AREA	---
STABILIZED CONSTRUCTION ENTRANCE	---
TEST PIT LOCATION	---

GENERAL NOTES:

- THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE SUPERVISION OF THE CONSTRUCTION.
- NO CHANGES SHALL BE MADE TO THESE PLANS EXCEPT AS PER NYS LAW CHAPTER 987.
- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL APPLICABLE CODES, INCLUDING BUT NOT LIMITED TO A.C.I., A.S.C., ZONING, AND THE NEW YORK STATE BUILDING CODE.
- ALL CONDITIONS, LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES.
- ALL CHANGES MADE TO THE PLANS SHALL BE APPROVED BY THE ENGINEER AND ANY SUCH CHANGES SHALL BE FILED AS AMENDMENTS TO THE ORIGINAL BUILDING PERMIT.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS EMPLOYEES, SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES, AND OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTRACT WITH THE CONTRACTOR.
- SAFETY DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL AGENCIES IN EFFECT DURING THE PERIOD OF CONSTRUCTION.
- THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL MAKE APPLICATION TO RECEIVE ALL NECESSARY PERMITS TO PERFORM THE WORK UNDER CONTRACT. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL BE LICENSED TO DO ALL WORK AS REQUIRED BY THE LOCAL, COUNTY, AND STATE AGENCIES WHICH MAY HAVE JURISDICTION OVER THOSE TRADES, AND SHALL PRESENT THE OWNER WITH COPIES OF ALL LICENSES AND INSURANCE CERTIFICATES.
- FINAL GRADING AROUND THE BUILDING AREA SHALL SLOPE AWAY FROM THE STRUCTURE.
- ALL WRITTEN DIMENSIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER ANY SCALED DIMENSIONS.
- ADJOINING PUBLIC AND PRIVATE PROPERTY SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION, REMODELING AND DEMOLITION WORK. PROTECTION MUST BE PROVIDED FOR FOUNDATIONS, PARTY WALLS, CHIMNEYS, SKYLIGHTS AND ROOFS. PROVISIONS SHALL BE MADE TO CONTROL WATER RUNOFF AND EROSION DURING CONSTRUCTION OR DEMOLITION ACTIVITIES. THE PERSON MAKING OR CAUSING AN EXCAVATION TO BE MADE SHALL PROVIDE WRITTEN NOTICE TO THE OWNERS OF ADJOINING BUILDINGS ADVISING THEM THAT THE EXCAVATION IS TO BE MADE AND THAT THE ADJOINING BUILDING SHOULD BE PROTECTED. SAID NOTIFICATION SHALL BE DELIVERED NOT LESS THAN 10 DAYS PRIOR TO THE SCHEDULED STARTING DATE OF THE EXCAVATION.
- OWNER SHALL INSURE THAT THE INSURANCE PROVIDED BY THE CONTRACTOR HIRED TO PERFORM THE WORK SHALL BE ENDORSED TO NAME HUDSON ENGINEERING & CONSULTING, P.C., AND ANY DIRECTORS, OFFICERS, EMPLOYEES, SUBSIDIARIES, AND AFFILIATES, AS ADDITIONAL INSURED ON ALL POLICIES AND HOLD HARMLESS DOCUMENTS, AND SHALL STIPULATE THAT THIS INSURANCE IS PRIMARY, AND THAT ANY OTHER INSURANCE OR SELF-INSURANCE MAINTAINED BY HUDSON ENGINEERING & CONSULTING, P.C., SHALL BE EXCESS ONLY AND SHALL NOT BE CALLED UPON TO CONTRIBUTE WITH THIS INSURANCE. ISO ADDITIONAL INSURED ENDORSEMENT FORM NUMBER CG2010 1185 UNDER GL. COPIES OF THE INSURANCE POLICIES SHALL BE SUBMITTED TO AND HUDSON ENGINEERING & CONSULTING, P.C., FOR APPROVAL PRIOR TO THE SIGNING OF THE CONTRACT.
- INDUSTRIAL CODE RULE 753: THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS PRIOR TO THE START OF HIS OPERATIONS AND SHALL COMPLY WITH ALL THE LATEST INDUSTRIAL CODE RULE 753 REGULATIONS.

INSTALLATION & MAINTENANCE OF EROSION CONTROL:

CONSTRUCTION SCHEDULE
NOTIFY APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 5 DAYS PRIOR TO START.

EROSION CONTROL MEASURES
INSTALL ALL EROSION CONTROL MEASURES PRIOR TO START OF CONSTRUCTION. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY - (TO BE PERFORMED DURING ALL PHASES OF CONSTRUCTION)
AFTER ANY RAIN CAUSING RUNOFF, CONTRACTOR TO INSPECT HAYBALES, ETC. AND REMOVE ANY EXCESSIVE SEDIMENT AND INSPECT STOCKPILES AND CORRECT ANY PROBLEMS WITH SEED ESTABLISHMENT. INSPECTIONS SHALL BE DOCUMENTED IN WRITING AND SUBMITTED TO THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION.

INSPECTION BY MUNICIPALITY - FINAL GRADING
REMOVE UNNEEDED SUBGRADE FROM SITE. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY - LANDSCAPING
SPREAD TOPSOIL EVENLY OVER AREAS TO BE SEED. HAND RAKE LEVEL. BROADCAST 1.25 LB. BAG OF JONATHAN GREEN "FASTGROW" MIX OR EQUAL OVER AREA TO BE SEED. APPLY STRAW MULCH AND WATER WITHIN 3 DAYS OF COMPLETION OF TOPSOILING. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY - FINAL LANDSCAPING
GRASS ESTABLISHED. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

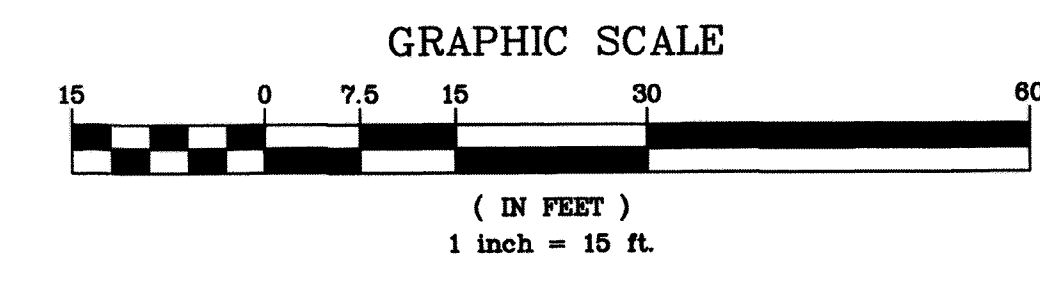
INSPECTION BY MUNICIPALITY - FINAL INSPECTION
ALL EROSION CONTROL MEASURES REMOVED AND GRASS ESTABLISHED. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

TEST HOLE DATA:

TEST HOLE #1
DEPTH = 98"
(BROWN SAND & LIGHT BROWN SAND)
NO GROUNDWATER
NO LEDGE
PERC. = 6.9" INCHES/HOUR

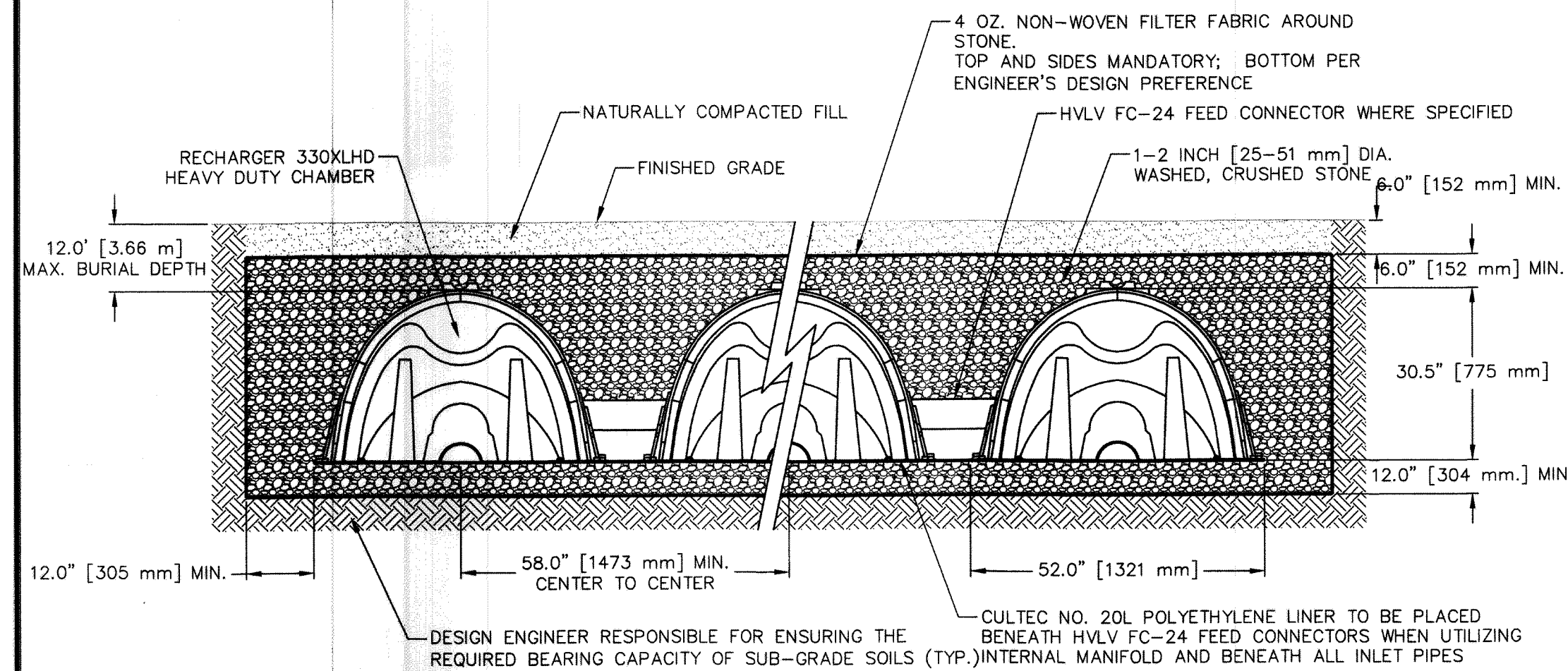
TEST HOLE #2
DEPTH = 96"
(BROWN SAND & LIGHT BROWN SAND)
NO GROUNDWATER
NO LEDGE
PERC. = 3" INCHES/HOUR

6 WINDSONG ROAD STORMWATER MANAGEMENT PLAN BASED UPON EXISTING INFORMATION PROVIDED BY CHOURA ARCHITECTURE P.C., DATED JANUARY 5TH, 2016



THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE	Date	04/20/18	Sheet	1
	Revisions		Scale	1" = 15'
	Description		Designed By	J.K.
	No.		Checked By	M.S.
PROJECT:		PROPOSED DWELLING 6 WINDSONG ROAD VILLAGE OF ARDSLEY WESTCHESTER - NEW YORK		
STORMWATER MANAGEMENT		HUDSON ENGINEERING & CONSULTING, P.C. 48 Knollwood Road - Suite 201 Elmsford, New York 10523 T: 914-998-0400 F: 914-998-2098 © 2016		
HEC		C-1		

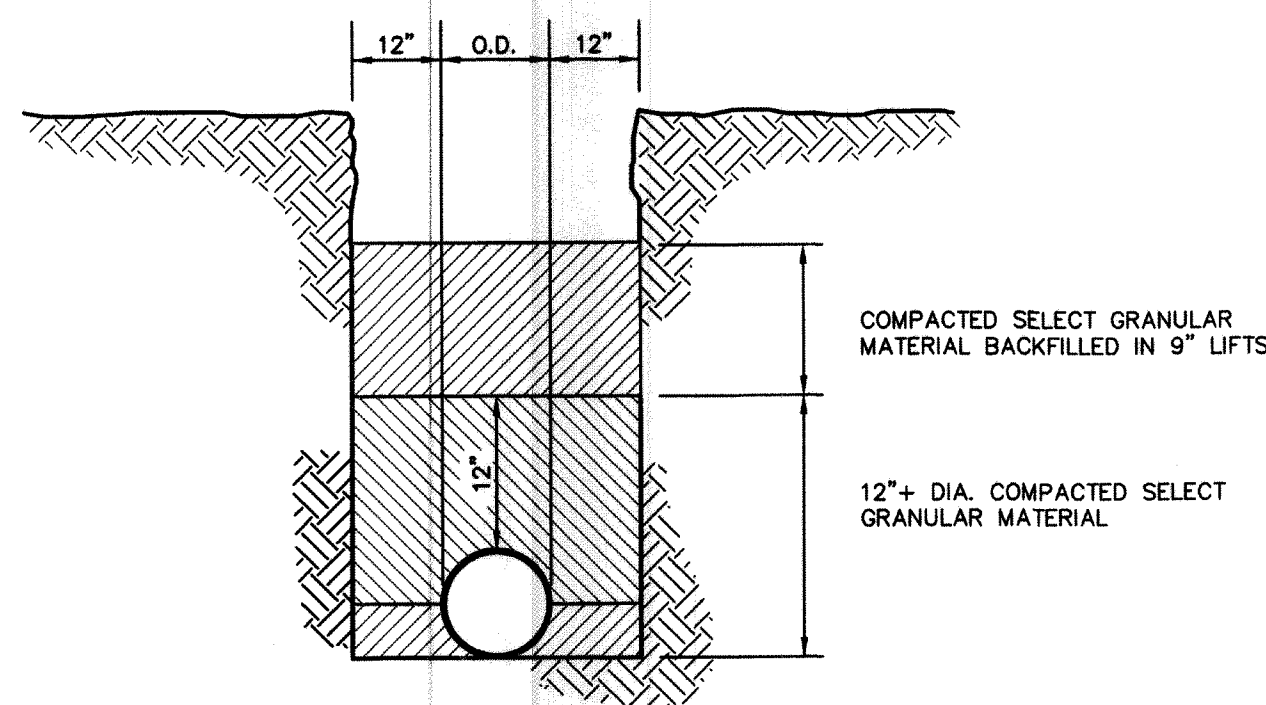
ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.



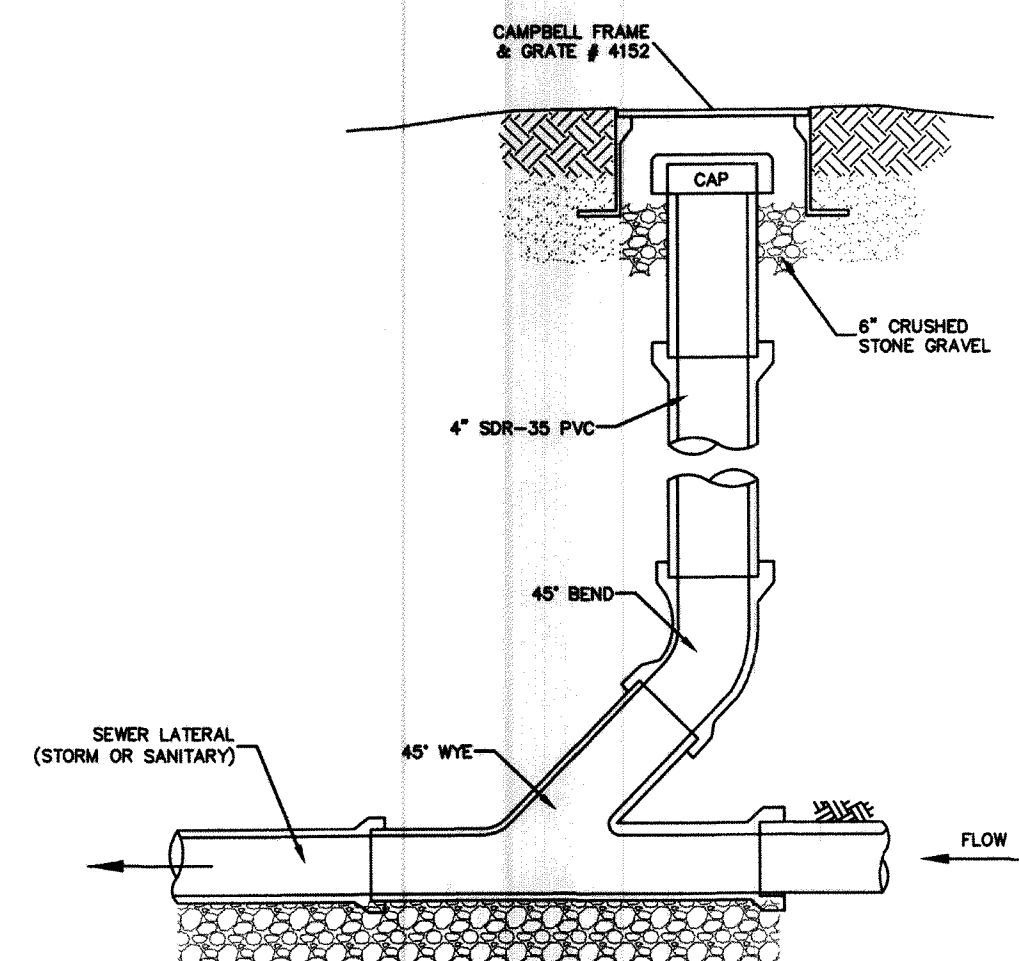
TYPICAL CROSS SECTION RECHARGER 330XL

GENERAL NOTES
RECHARGER 330XL HD BY CULTEC, INC. OF BROOKFIELD, CT. STORAGE PROVIDED = 11.32 CF/FT [1.05 m³/m] PER DESIGN UNIT.
REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES.
THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS

ALL RECHARGER 330XL HD HEAVY DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER.
ALL RECHARGER 330XL HD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS



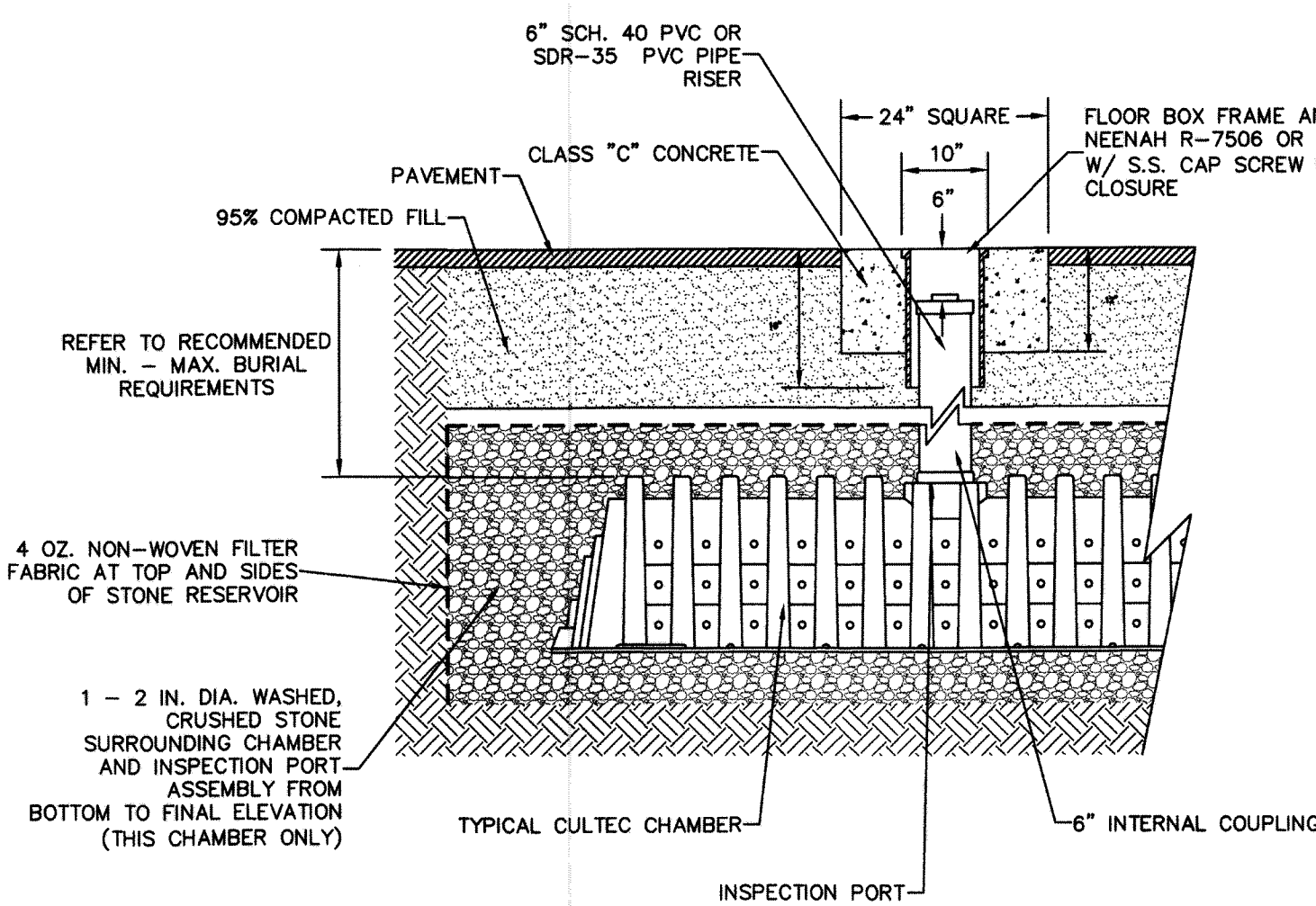
TRENCH BEDDING



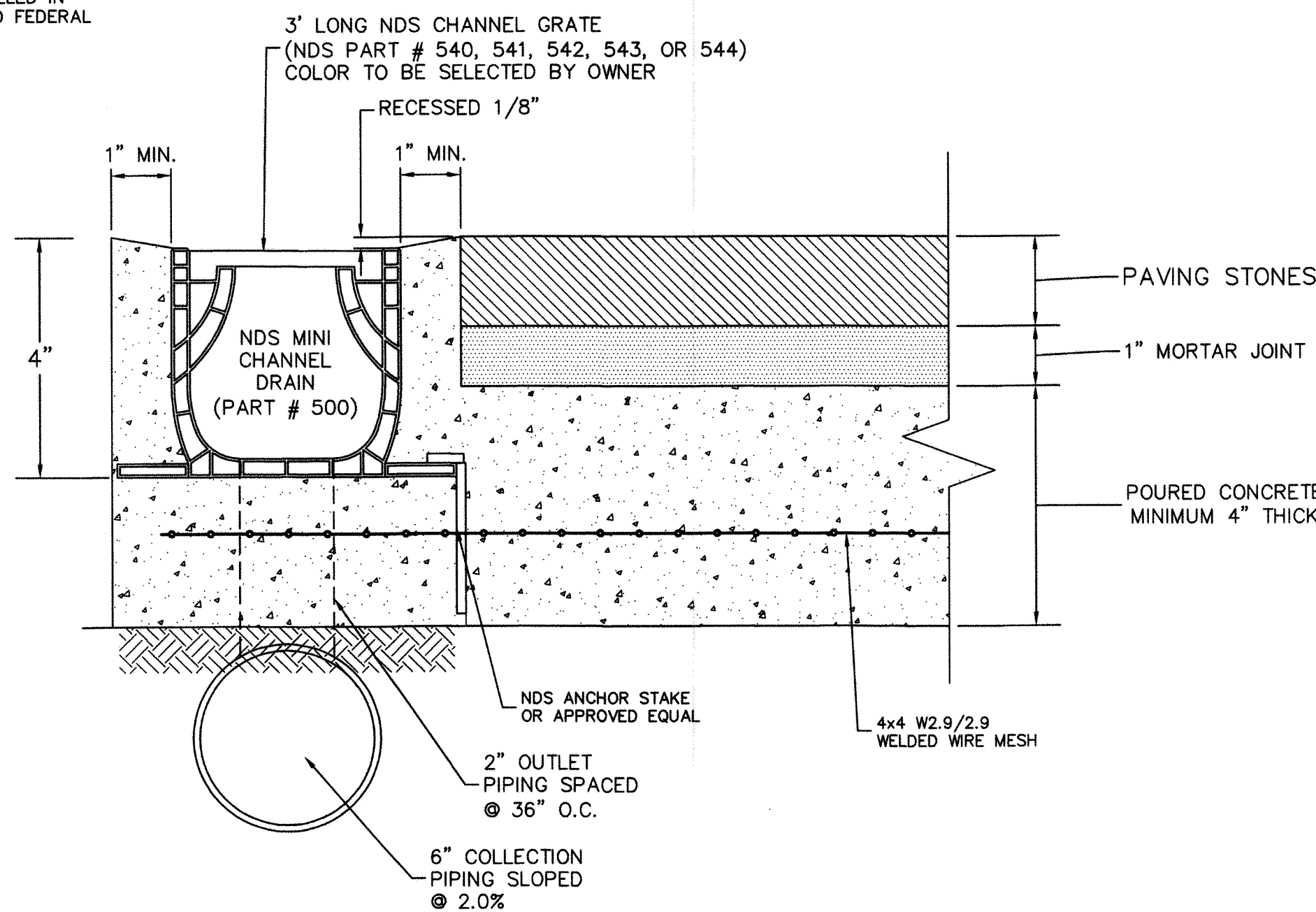
SEWER CLEANOUT DETAIL (GRAVITY)
(STORM OR SANITARY)

NOTES (SANITARY SEWER SERVICES):
1. ALL SANITARY SEWER SERVICES TO BE 4" SCH. 40 @ 1.0% MINIMUM.
2. IN ACCORDANCE WITH THE NYS RESIDENTIAL BUILDING CODE, THE FOLLOWING REQUIREMENTS APPLY:
A. CLEANOUTS SHALL BE INSTALLED NOT MORE THAN 100 FEET APART IN HORIZONTAL DRAINAGE LINES (P3005.2.2).
B. CLEANOUTS SHALL BE INSTALLED AT EACH CHANGE OF DIRECTION OF THE DRAINAGE SYSTEM GREATER THAN 45 DEGREES.
C. CLEANOUTS SHALL BE INSTALLED SO THAT THE CLEANOUT OPENS TO ALLOW CLEANING IN THE DIRECTION OF THE FLOW OF THE DRAINAGE LINE (P3005.2.8).
NOTES (STORM SEWER):
1. REFER TO PLAN FOR SPECIFIC PIPE SIZING AND SLOPE SPECIFICATIONS; HOWEVER, IN GENERAL, ALL STORM SEWER SERVICES TO BE 6" SCH. 40 @ 1.0% MINIMUM.
2. CLEANOUTS SHALL BE PLACED BEFORE SIGNIFICANT PIPE BEND LOCATIONS (I.E., JUNCTIONS, 90-DEGREE BENDS, ETC.) UNLESS A ROOF LEADER DOWNSPOUT CONNECTION IS PROPOSED.

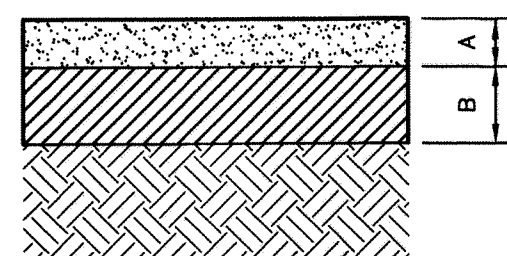
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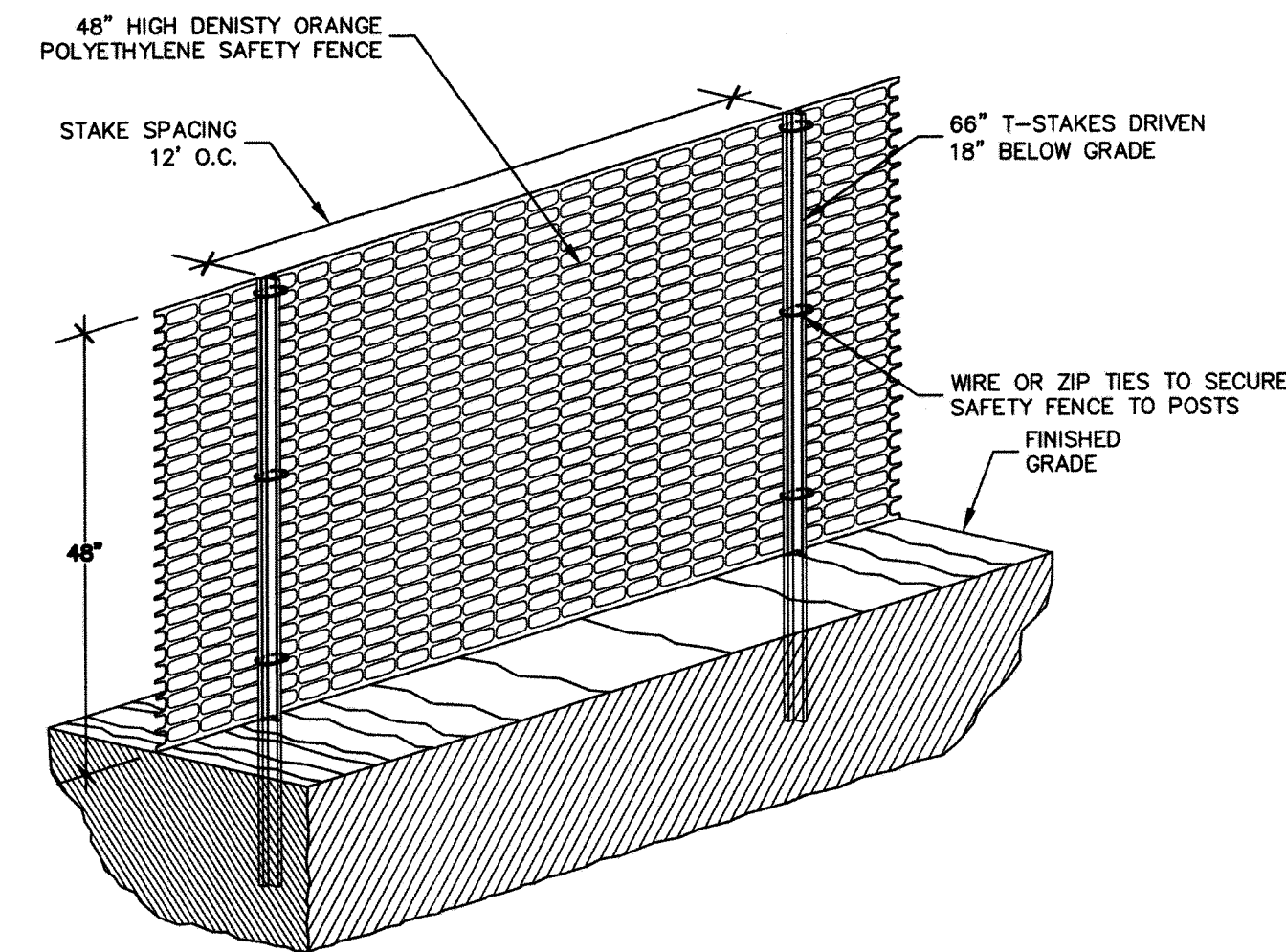
RECHARGER 330XL ACCESS PORT



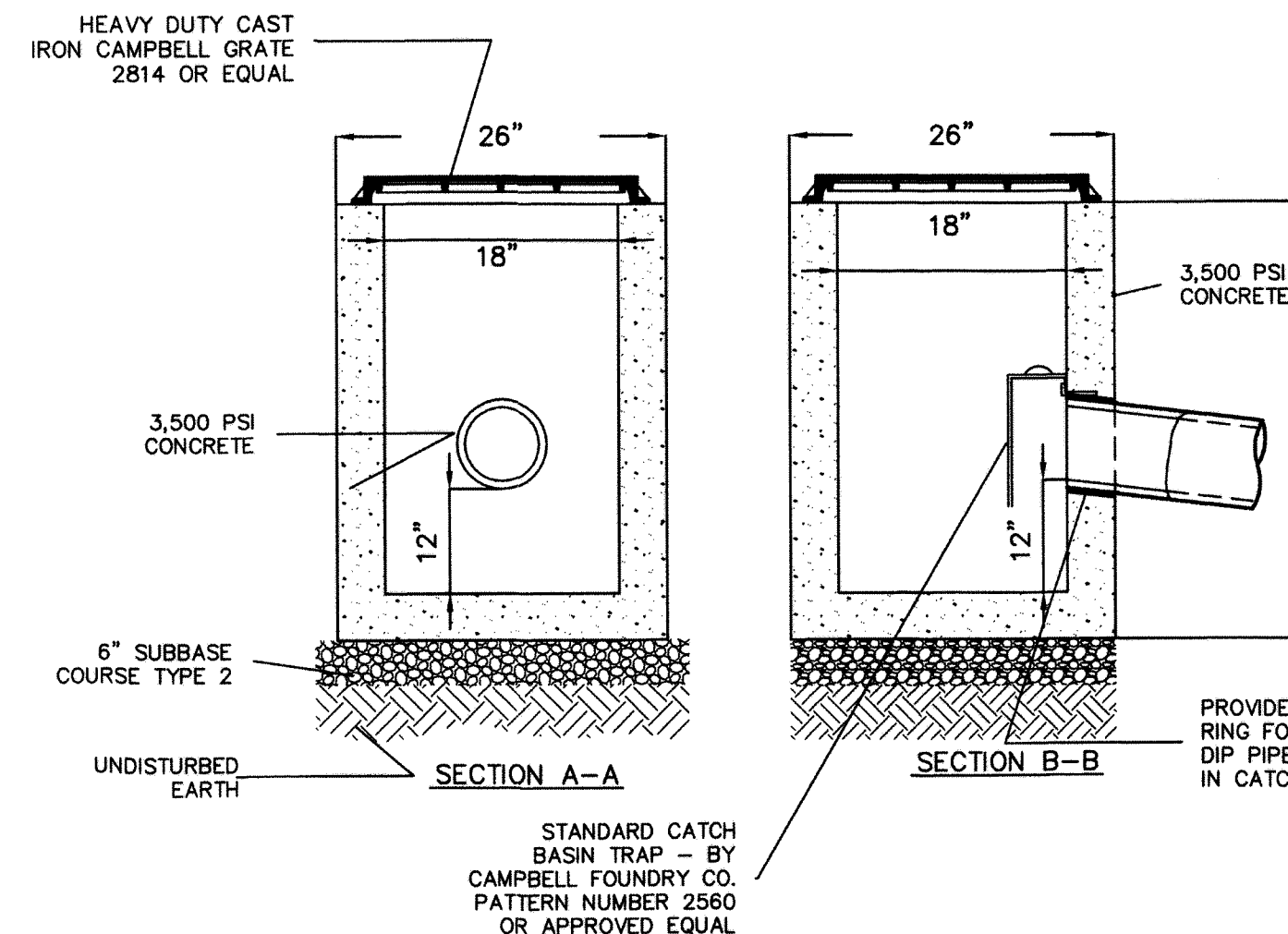
NDS MINI CHANNEL DRAIN



DRIVEWAY PAVEMENT SECTION

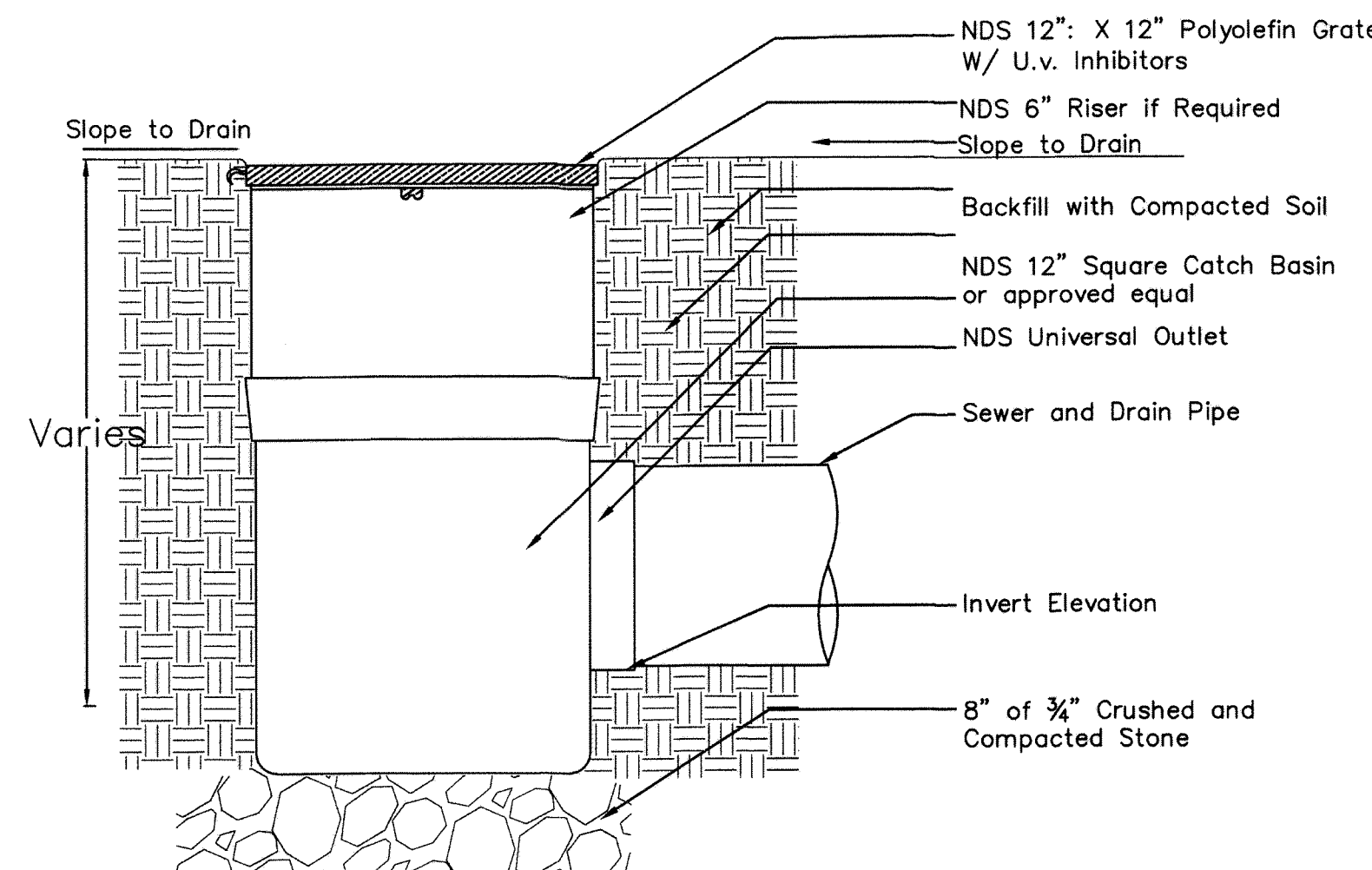


CONSTRUCTION FENCE



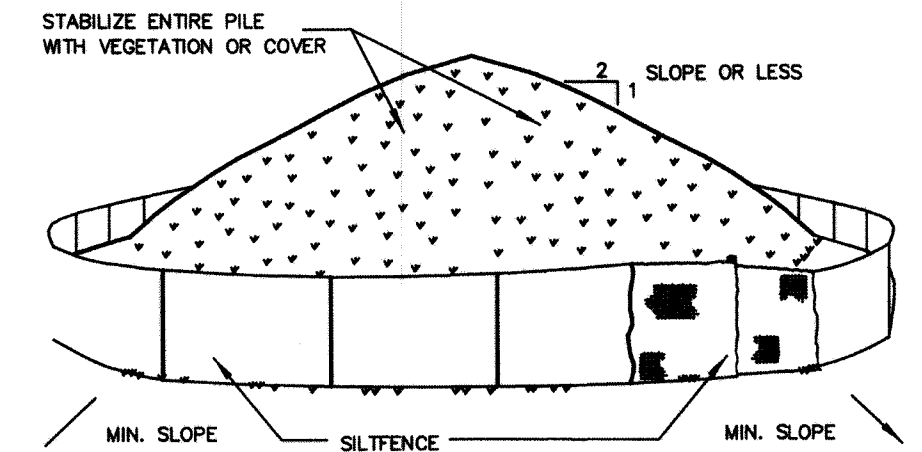
18"x18" PRECAST CONCRETE CATCH BASIN

NOTES:
1. CONCRETE - 3,500 PSI MINIMUM STRENGTH @ 28 DAYS
2. DESIGN LOADING - AASHTO HS20-44
3. EARTH COVER - 0 TO 5 FEET
4. CONSTRUCTION JOINT - LAPPED



NDS SQUARE CATCH BASIN

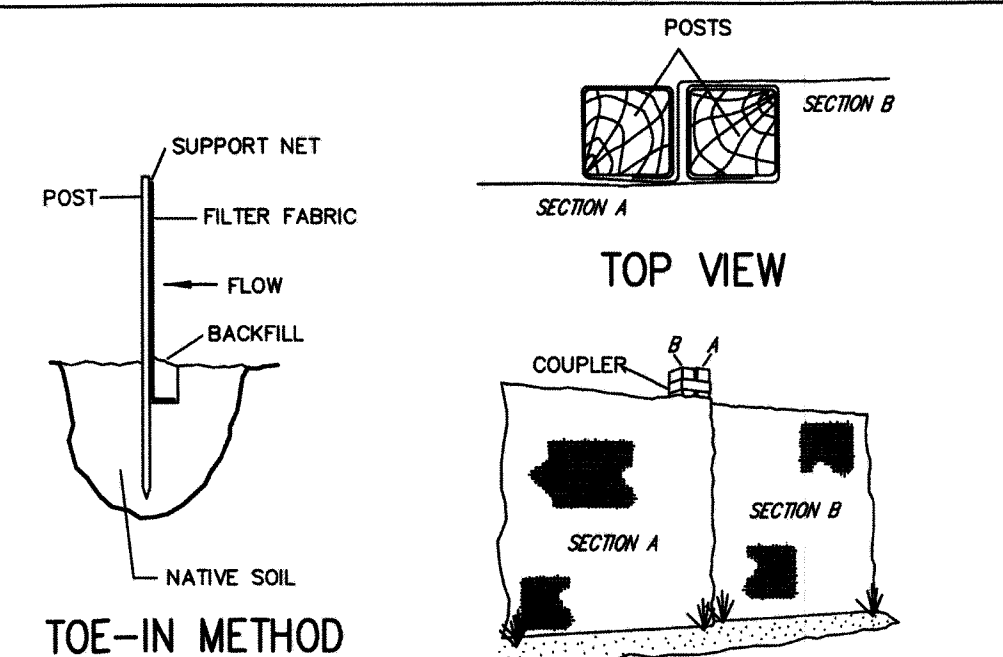
Soil Stockpiling



INSTALLATION NOTES

INSTALLATION NOTES:
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. SOILS OR FILL TO BE STOCKPILED ON SITE DURING CUTTING AND FILLING ACTIVITIES SHOULD BE LOCATED ON LEVEL PORTIONS OF THE SITE WITH A MINIMUM OF 50-75 FOOT SETBACKS FROM TEMPORARY DRAINAGE SWALES.
3. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
4. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
5. STOCKPILES REMAINING IN PLACE FOR MORE THAN A WEEK SHOULD BE SEEDED AND MULCHED OR COVERED WITH GEOTEXTILE FABRIC SURROUNDING FENCE.
6. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILT FENCE.

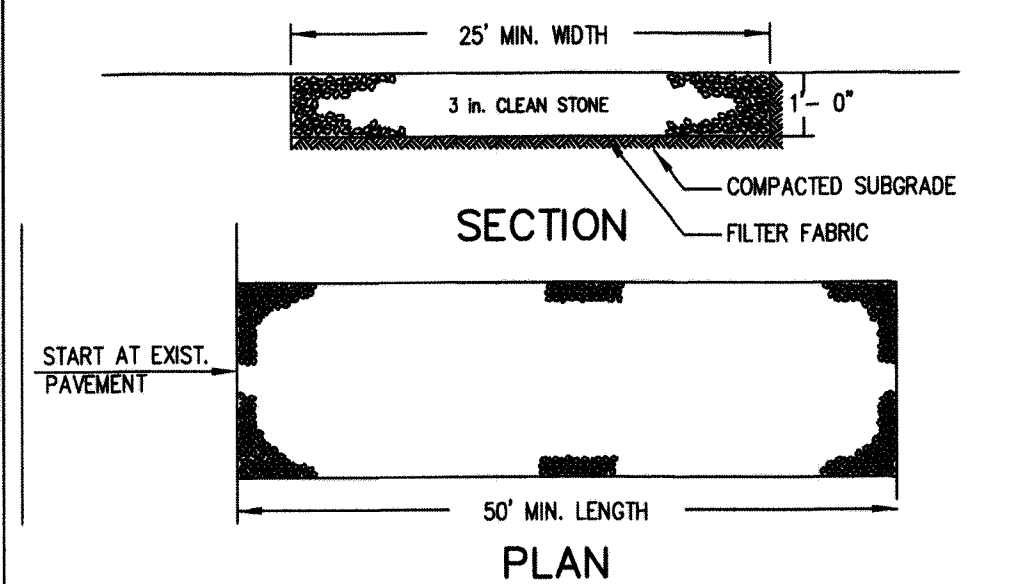
Silt Fence



JOINING SECTIONS OF FENCING

INSTALLATION NOTES:
1. EXCAVATE A 4 INCH * 4 INCH TRENCH ALONG THE LOWER PERIMETER OF THE SITE.
2. UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH (NET SIDE AWAY FROM DIRECTION OF FLOW).
3. DRIVE THE POST INTO THE GROUND UNTIL THE NETTING IS APPROXIMATELY 2 INCHES FROM THE TRENCH BOTTOM.
4. LAY THE TOE-IN LAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH. BACKFILL THE TRENCH AND TAMP THE SOIL. STEEPER SLOPES REQUIRE AN INTERCEPT TRENCH.
5. JOIN SECTIONS AS SHOWN ABOVE.

Stabilized Construction Entrance



INSTALLATION NOTES:
1. STONE SIZE - USE 3" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - 25 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTAINABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

PROJECT: PROPOSED DWELLING 6 WINDSONG ROAD TOWN/VILLAGE OF SCARSDALE WESTCHESTER - NEW YORK		
DETAILS HUDSON ENGINEERING & CONSULTING, P.C. 45 Knollwood Road, Suite 201 Elmsford, New York 10523 T: 914-809-0420 F: 914-809-2085 © 2016		
THIS PLAN NOT TO BE USED FOR CONSTRUCTION WITHOUT ENGINEER SEAL & SIGNATURE	Date: 04/20/16 Scale: N.T.S. Designed By: T.K. Checked By: M.S. Sheet No. 2	C-2