

SPECIFICATIONS

WORK SHALL BE DONE IN STRICT ACCORDANCE WITH ALL LOCAL CODES, LAWS & REGULATIONS BY THE CONTRACTOR. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY LICENSES & PERMITS & PAY ALL FEES. THE CONTRACTOR SHALL CARRY ALL NECESSARY INSURANCE TO KEEP THE OWNER HARMLESS AGAINST ANY CLAIMS, COMPLETION BOND AS DIRECTED BY OWNER. THE CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP & MATERIALS AGAINST DEFECTS FOR A PERIOD OF ONE YEAR AFTER THE FINAL ACCEPTANCE OF THE COMPLETED BUILDING BY THE OWNER. ALL MATERIALS TO BE NEW THROUGHOUT UNLESS OTHERWISE NOTED.

REMOVE ALL EXISTING WORK AS SHOWN ON DWGS. OR ALTER AS NECESSARY DURING CONSTRUCTION TO ACHIEVE A COMPLETE & NEAT JOB. ANY DAMAGED EXIST. WORK TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE. PROVIDE ANY SHORING OR SAFETY MEASURES NECESSARY TO PROTECT EXIST. BLDG.

CONC. MASONRY UNITS BELOW GRADE SHALL BE STONE AGGREGATE CONC. BLOCKS. ABOVE GROUND EXTERIOR INTERIORS SHALL BE STONE AGGREGATE CONC. BLOCKS. WALL THICKNESS SHALL BE AS SHOWN ON DWGS. NOTE GALV. D.U.S. WALL 18" O.C. VERT. FOR ALL MASONRY WALLS. BLOCK SHALL BE AS MANUF. BY BALTO. CONC. BLOCK CORP. OR APPROVED EQUAL. BRICK FOR ALUM. SASH SILLS TO MATCH EXIST. BLDG. SILLS.

THE HEADS & SILLS OF ALL EXTERIOR OPENINGS SHALL BE FLASHED WITH PLASTIC SPANDREL FLASHING .020 GAUGE PLY AS MANUF. BY THE H.E. CAULK CO. OR APPROVED EQUAL. SEALING FOR LAPS & AT VERTICAL SURFACES SHALL BE PLY-REX MASTIC AS MANUF. BY THE H.E. CAULK CO. OR APPROVED EQUAL. EXTEND FLASHING 12" BEYOND JAMBS AT ALL OPENINGS.

CAULK ALL INTERIOR & EXTERIOR JOINTS AT ALL SASH, DOOR FRAMES, PARTITIONS, ETC. WHERE NECESSARY THROUGHOUT. PROVIDE PROPERLY SELECTED GASKETS AT WALL CONTROL JOINTS AS DETAILED ON DWG. NO. 2 FULL HEIGHT AS MANUF. BY DURECO WALL PRODUCTS INC. & CAULK AS NOTED.

CONCRETE SLAB FLOOR IN THICKNESS AS SHOWN ON DWGS. OVER 4" VISQUEEN VAPOR BARRIER & 4" MIN. GRAVEL. ALL FLOORS (EXCEPT TOILET RM.) TO BE STEEL TRAVEL MONOLITHICALLY FINISHED WITH A COLORLESS HARDNER, 50 POUNDS PER 100 SQ. FT. BY DUST COAT METHOD. HARDNER SHALL BE HYDRONUT AS MANUF. BY UFCO COMPANY OR APPROVED EQUAL.

METAL DOORS SHALL BE FLUSH HOLLOW METAL COUST. OF 18 GA. STEEL & REINFORCED. FRAMES SHALL BE 16 GA. STEEL HAVING A 2" FLANGE. PROVIDE 2 METAL ANCHORS EA. JAMB & FRAMES SHALL BE REINFORCED FOR OVERHEAD. 2" X 4" X 1/2" WOOD COVERHEAD DOOR COMPLETE WITH TRACKS & ALL HARDWARE AS MANUF. BY THE OVERHEAD DOOR CO. OR APPROVED EQUAL. SEE ALUM. SASH DETAIL ON DWG. NO. 2.

CONTRACTOR SHALL PROVIDE & INSTALL ALL DOOR HARDWARE NECESSARY FOR A COMPLETE INSTALLATION THROUGHOUT. PROVIDE KEYS AS DIRECTED BY OWNER. HARDWARE SHALL BE AS MANUF. BY ROSS WITH HEAVY DUTY OR APPROVED EQUAL. PROVIDE ONE 16" V24 MIRROR OVER EACH LAVATORY. OTHER TOILET RM. ACCESSORIES SUCH AS SOAP DISPENSORS & TOWEL HOLDERS SHALL BE AS DIRECTED BY OWNER.

TOILET PARTITIONS SHALL BE FLUSH METAL BAKED ENAMEL "ACADEMY" COMPLETE WITH DOOR HOOK & TOILET PAPER HOLDERS. DOORS, CRACKETS, ETC. COLOR AS SELECTED BY OWNER. PARTITIONS AS MANUF. BY SANJMETAL PROD. CO. INC. OR APPROVED EQUAL.

BUILT-UP ROOF SHALL BE 1/2" ROYCE BOND TYPE FOUR-PLY BARRETT SPEC. 120-1105 OR APPROVED EQUAL. OPEN WOOL INS. OVER PORTION APPLIED OVER 1/2" RIGID INSULATION & BALANCE OF ROOF APPLIED OVER TECTUM ROOF DECK. PROVIDE 200# OF SLAS PER 100 SQ. FT. AS APPROVED BY THE ROOFING MANUF. PROVIDE REINF. FLASHING AT ALL CAULK STRIPS & ALL OPENINGS FOR A COMPLETELY WEATHERTIGHT ROOF.

ROOF SCUTTLE SHALL BE TYPE S-20 COMPLETE WITH 12" CURB AS MANUF. BY THE BILCO CO. OR APPROVED EQUAL. SEE DWG. FOR SIZE & LOCATION.

TOILET ROOM SHALL BE PAINTED AS FOLLOWS: 4" EPOXY WAINSCOT FLOOR EPOXY PAINT. BALANCE OF ROOM 2 COATS OF SEMI-GLOSS P.V.C. WALL PAINT. BOTH INTERIOR & EXTERIOR WALLS TO BE PAINTED ONLY BY DIRECTION OF THE OWNER. COLOR AS SELECTED BY OWNER.

CONTRACTOR SHALL DO ALL FINAL GRADING TO INSURE PROPER WATER DRAINAGE & A NEAT APPEARANCE. HE SHALL PATCH ALL AREAS DISTURBED BACK TO THEIR ORIGINAL CONDITION BEFORE WORK STARTED OR AS DIRECTED OTHERWISE. ALL DEBRIS SHALL BE REMOVED FROM SITE.

MECHANICAL
ALL ELECTRICAL MECHANICAL PLUMBING WORK CALLED FOR ON THESE DRAWINGS, OR TO BE DONE LATER BY OTHERS, SHALL BE DONE IN STRICT ACCORDANCE WITH ALL HOWARD COUNTY CODES. ALL ELEC. WORK SHALL BE DONE IN ACCORDANCE WITH THE N.E.C.

SEE DWG. NO. 2 FOR MECHANICAL & PLUMBING WORK FOR THIS JOB. CONTRACTOR SHALL VERIFY ALL ELECTRICAL EQUIPMENT FOR PROPER VOLTAGE & CONTR. SHALL CONNECT SANITARY & WATER TO EXIST. SERVICE IN RACE ROAD.

ALL ELECTRICAL SERVICES, PANELS, WIRING, LIGHTING, EXIT LIGHTS, ELEC. HEATING, OUTLETS, SERVICE FOR NEW MACHINERY OR NEW EQUIP. SHOWN ON DWGS. SHALL BE PROVIDED BY OTHERS. THEREFORE, THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL WORK DESCRIBED (BY OTHERS) ONLY AS DIRECTED BY THE OWNER. OWNER SHALL DESIGN HIS OWN MACHINE AREA PANEL & SERVICE REQUIRED.

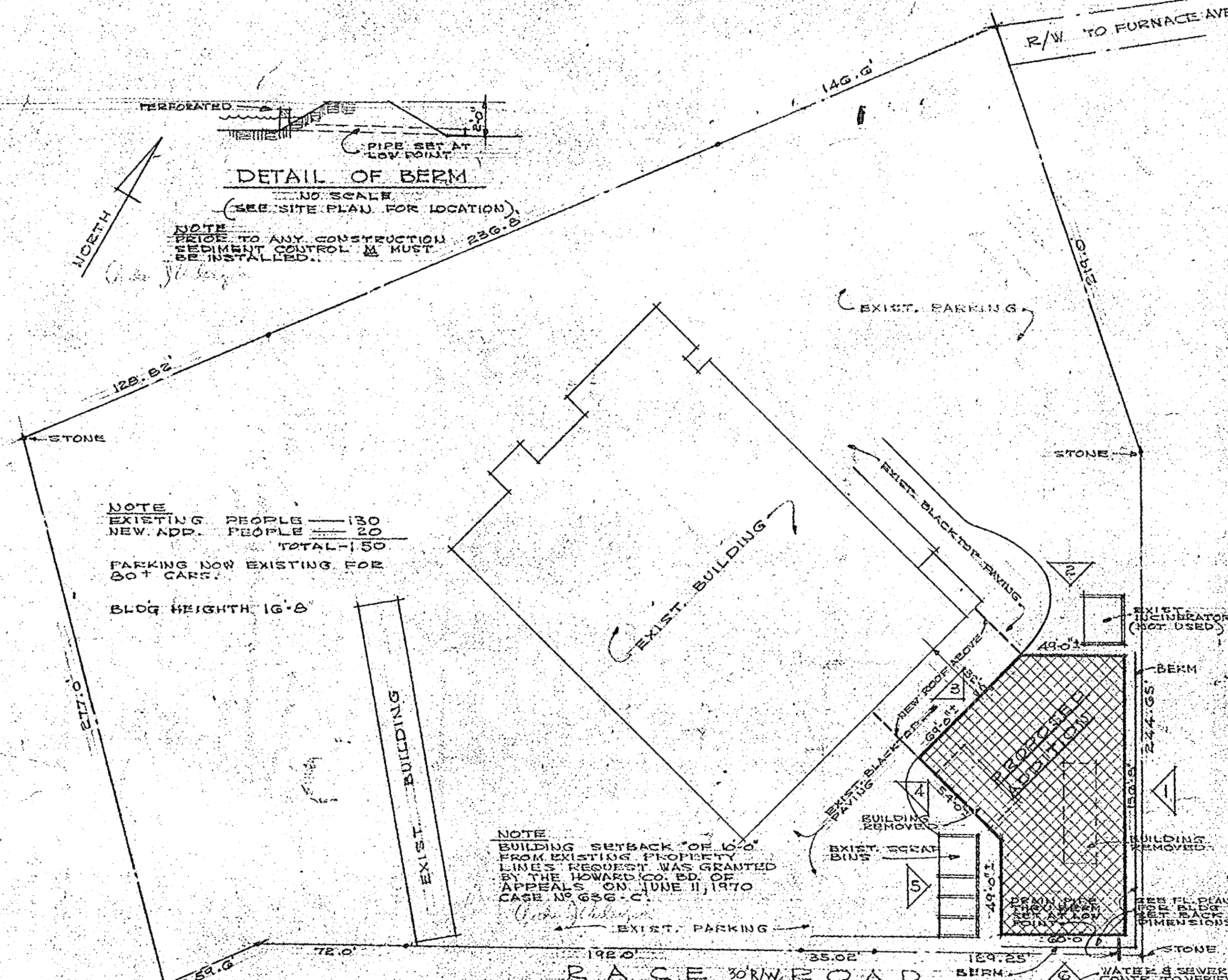
STRUCTURAL
PRE CONSTRUCTION WORK
PRIOR TO EXCAVATING ANY FOOTINGS, EXIST. FILL MACADAM AND/OR TOP SOIL SHALL BE REMOVED IN AREAS OF NEW CONSTRUCTION. CONTROLLED BACKFILL AS NOTED ON DWGS. AND/OR REQUIRED TO BE PLACED IN LAYERS NOT TO EXCEED 6" & TO BE THOROUGHLY COMPACTED TO 95% MAX DENSITY AS DETERMINED BY ASTM D1557-70.

FOUNDATION
BOTTOM OF ALL FOOTINGS SHALL BE 10" MIN. BELOW VIRGINY GRADE. BOTTOM OF ALL EXTERIOR FTGS. SHALL BE 3" MIN. BELOW FINISH GRADE. A SOIL BEARING CAPACITY OF 2000 PSE WAS USED FOR FTG. DESIGN. IF A SOIL OF THIS CAPACITY IS NOT ENCOUNTERED AT DEPTHS INDICATED FTGS. SHALL BE LOWERED OR INCREASED AS DIRECTED BY ARCHITECT. WALL FTGS. TO FACE UNDER ALL MECHANICAL PIPING. PROVIDE STEEL SLEEVES INSIDE DIA. 1/2" MIN. GREATER THAN OUTSIDE DIA. OF PIPE PASSING THRU WALL.

CONCRETE
REINFORCING ASTM A185-GS GRADE 60 MESH ASTM A185-GS
ALL CONCRETE SHALL HAVE A MIN. STRENGTH OF 3000 PSI. ALL COIN. SHALL BE READY MIXED, PLACED & CURED IN ACCORDANCE WITH ACT STANDARDS & BLDG CODE REQUIREMENTS FOR REINFORCED CONC. (ACT 318-63).

STEEL (ASTM A36-GS)
ALL STEEL TO BE DETAILED, FABRICATED & ERECTED IN ACCORDANCE WITH DWGS. & ALSO REQUIREMENTS. ALL SHOP CONNECTIONS TO BE WELDED. FIELD CONNECTIONS MAY BE BOLTED OR WELDED AT THE CONTRACTOR'S OPTION. ALL WELDING SHALL BE CERTIFIED QUALIFIED OPERATORS IN ACCORDANCE WITH A.W.S. REQUIREMENTS. ALL BOLTED CONNECTIONS SHALL MEET REQUIREMENTS OF STRUCT. JOINTS USING ASTM A55 BOLTS. ALL STEEL SHALL BE SHOP COATED WITH PAINT SUITABLE AS A PRIMER FOR FIELD PAINTING. NO HOLES SHALL BE CUT IN ANY STEEL WITHOUT PRIOR APPROVAL OF THE ARCHITECT.

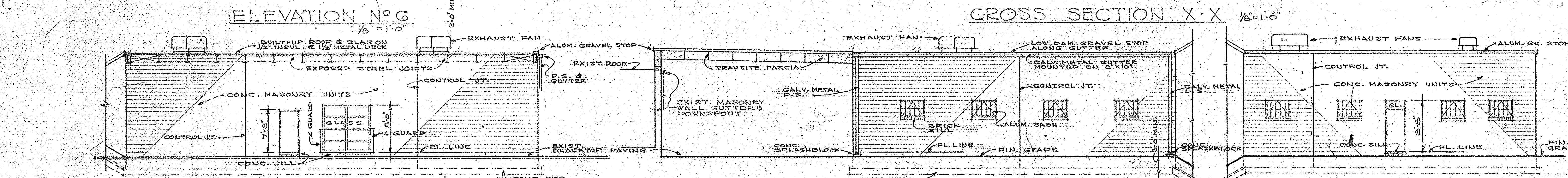
SEE DWG. NO. 3 FOR CONTINUED STRUCT. NOTES



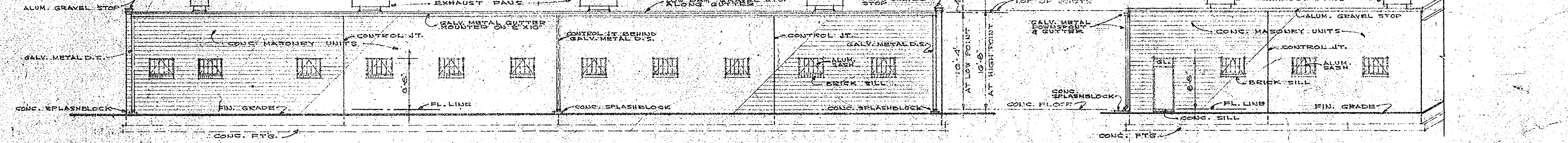
SITE PLAN TAX MAP # 88 & PARCEL # 499

THIS SITE PLAN IS NOT A SURVEY. CONTRACTOR SHALL VERIFY ALL INFORMATION RELATING TO LOT LINES, GRADES, WATER, SEWER, ELECTRIC, ETC. EXISTING FENCE ALONG RACE RD. & EAST PROPERTY LINE ARE ASSUMED TO BE 12" ON PROPERTY. CONTRACTOR TO VERIFY.

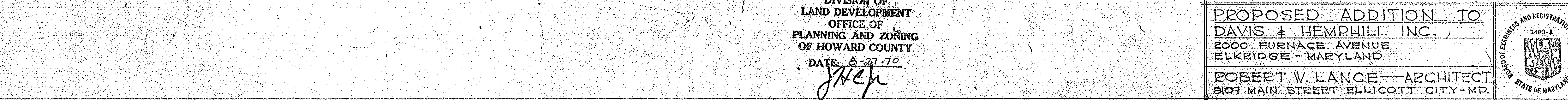
CROSS SECTION X-X 1/8" = 1'-0"



ELEVATION NO. 3 1/8" = 1'-0"



ELEVATION NO. 1 1/8" = 1'-0"



APPROVED
DIVISION OF
LAND DEVELOPMENT
OFFICE OF
PLANNING AND ZONING
OF HOWARD COUNTY
DATE: 8-27-70
JACK

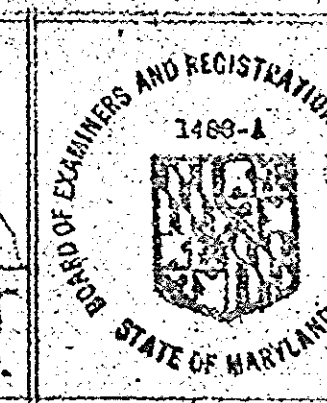
PROPOSED ADDITION TO
DAVIS & HEMPHILL, INC.
2000 FURNACE AVENUE
ELKIDGE - MARYLAND

ROBERT W. LANCE - ARCHITECT
8107 MAIN STREET ELLICOTT CITY - MD.

REVISED - 2-20-70 SITE PLAN NOTES

1489-A
JULY 1970

DWG. 1 OF 3
SDP 71-10



SPECIFICATIONS

ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH ALL LOCAL CODES, LAWS & REGULATIONS BY THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY LICENSES & FEES. THE CONTRACTOR SHALL CARRY THE NECESSARY INSURANCE TO KEEP THE OWNER HARMLESS AGAINST ANY CLAIMS, COMPLETION BOND AS DIRECTED BY OWNER. THE CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP & MATERIALS AGAINST DEFECTS FOR A PERIOD OF ONE YEAR AFTER THE DATE OF COMPLETION. BUILDING BY THE OWNER. ALL MATERIALS TO BE NEW THROUGHOUT UNLESS OTHERWISE NOTED.

REMOVE ALL EXISTING WORK AS SHOWN ON DWGS. OR ALTER AS NECESSARY DURING CONSTRUCTION TO ACHIEVE A COMPLETE & NEAT JOB. ANY DAMAGED EXIST. WORK TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE. PROVIDE ANY SHORING OR SAFETY MEASURES NECESSARY TO PROTECT EXIST. BLDGS.

CONC. MASONRY UNITS BELOW GRADE SHALL BE STONE AGGREGATE CONC. BLOCKS. ABOVE GROUND EXTERIOR & INTERIOR WALLS SHALL BE SAME TEXTURE CLASS BLOCKS. WALL FINISHES SHALL BE AS SHOWN ON DWGS. NOTE GALV. DUE-TO-WALL 18" O.C. SET IN ALL MASONRY WALLS. BLOCKS SHALL BE AS MANUF. BY BALTO. CONC. BLOCK CORP. OR APPROVED EQUAL. BRICK FOR ALUM. SASH SILLS TO MATCH EXIST. BLDG. SILLS.

THE HEADS & SILLS OF ALL EXTERIOR SPRINGS SHALL BE FLASHED WITH PLASTIC SPANDREL FLASHING 200 GAUGE PLY AS MANUF. BY THE H.E. BARN CO. OR APPROVED EQUAL. SEALING FOR LAPS & AT VERTICAL SURFACES SHALL BE PLY-BEX MASTIC AS MANUF. BY THE H.E. BARN CO. OR APPROVED EQUAL. EXTEND FLASHING 12" BEYOND JAMBS AT ALL OPENINGS.

CAULK ALL INTERIOR & EXTERIOR JOINTS AT ALL SASH, DOOR FRAMES, PARTITIONS, ETC. WHERE NECESSARY THROUGHOUT. PROVIDE PERFORMED (REGULAR) GASKET AT ALL WALL CONTROL JOINTS AS DETAILED ON DWG. NO. 2 FULL HEIGHT AS MANUF. BY DUPONAL PRODUCTS INC. & CAULK AS NOTED.

CONCRETE SLAB FLOOR THICKNESS AS SHOWN ON DWGS. ON CONC. VISQUEEN VAPOR BARRIER & 4" MIN. GRAVEL. ALL FLOORS EXCEPT TOILET ROOMS TO BE STEEL THROUGH. NONORTHOGONALLY FINISHED WITH A COMPLETE HARDWARE. SO FLOOR'S PER 100 SQ. FT. BY BEST CPM METHOD. HARDWARE SHALL BE HYDROBOND AS MANUF. BY UPOCO COMPANY OR APPROVED EQUAL.

METAL DOORS SHALL BE FLUSH HOLLOW METAL. COUST. OF 18 GA. STEEL & REINFORCED. FRAMES SHALL BE 16 GA. STEEL. HAVING A C. CHANGE & PROVIDE 4 METAL ANCHORS EA. JAMB & FRAMES SHALL BE REINFORCED FOR HARDWARE. 3" X 3" X 1/4" WOOD OVERHEAD DOOR COMPLETE WITH TRACKS & ALL HARDWARE AS MANUF. BY THE OVERHEAD DOOR CO. OR APPROVED EQUAL. SEE ALUM. SASH DETAIL ON DWG. NO. 2.

CONTRACTOR SHALL PROVIDE & INSTALL ALL DOOR HARDWARE NECESSARY FOR A COMPLETE INSTALLATION. THROUGHOUT. PROVIDE KEYED AS PER STEEL THROUGH HARDWARE SHALL BE AS MANUF. BY BROWN WILLY BEAR OR APPROVED EQUAL. PROVIDE ONE (1) YEAR WARR. OVER EACH LAVATORY, OTHER TOILET RM. ACCESSORIES SUCH AS SOAP DISPENSERS & TOWEL HOLDERS SHALL BE AS DIRECTED BY OWNER.

TOILET PARTITIONS SHALL BE FLUSH METAL BAKED ENAMEL "ACADEMY" COMPLETE WITH DOOR HOOK & TOILET PAPER HOLDERS. DOORS, CRACKETS ETC. SHALL BE AS SELECTED BY OWNER. PARTITIONS AS MANUF. BY SANMETAL PROD. CO. INC. OR APPROVED EQUAL.

BUILT-UP ROOF SHALL BE 20 YR. BOND TYPE, FOUR-PLY, BARRIER SPEC. 120-LIN. OR APPROVED EQUAL. OPEN DOORLS OVER PORTION APPLIED OVER 1/2" RIGID INSULATION. BALANCE OF ROOF APPLIED OVER TECTUM ROOF DECK. PROVIDE 300" OF SLAS PER 100 SQ. FT. AS APPROVED BY THE ROOFING MANUF. PROVIDE MANUF. FLASHING AT ALL GAUT SCIPES & ALL OPENINGS FOR A COMPLETELY WATER-TIGHT ROOF.

ROOF SCUTTLE SHALL BE TYPE S-20 COMPLETE WITH 12" CURB AS MANUF. BY THE BILCO CO. OR APPROVED EQUAL. SEE DWG. NO. 2 FOR SIZE & LOCATION.

TOILET ROOM SHALL BE PAINTED AS FOLLOWS: 4" O. EPOXY WAINSCOT FLOOR EPOXY PAINT. BALANCE OF ROOM 2 COATS OF SEMI-GLOSS PAINT. INTERIOR & EXTERIOR WALLS SHALL BE PAINTED ONLY BY DIRECTION OF THE OWNER. COLORS AS SELECTED BY OWNER.

CONTRACTOR SHALL DO ALL FINAL GRADING TO INSURE PROPER WATER DRAINAGE & A NEAT APPEARANCE. HE SHALL PATCH ALL AREAS DISTURBED BACK TO THEIR ORIGINAL CONDITION BEFORE WORK STARTED OR AS DIRECTED OTHERWISE. ALL CURBS SHALL BE REMOVED FROM SITE.

MECHANICAL

ALL ELECTRICAL-MECHANICAL-PLUMBING WORK CALLED FOR ON THESE DRAWINGS, OR TO BE DONE LATER BY OTHERS, SHALL BE DONE IN STRICT ACCORDANCE WITH ALL HOWARD COUNTY CODES. ALL ELEC. WORK SHALL BE DONE IN ACCORDANCE WITH THE N.E.C.

SEE DWG. NO. 2 FOR MECHANICAL & PLUMBING WORK FOR THIS JOB. CONTRACTOR SHALL VERIFY ALL ELECTRICAL EQUIPMENT FOR PROPER VOLTAGE. CONTR. SHALL COLLECT SANITARY & WATER TO EXIST. SERVICE IN RACE ROAD.

ALL ELECTRICAL SERVICES PANELS, WIRING, LIGHTING, EXIST. LIGHTS, ELEC. HEATING, OUTLETS, SERVICES FOR NEW MACHINERY OR CENTRAL AIR COND. SHALL BE INSTALLED PER THE N.E.C. & ALL OTHER CODES. ALL WORK SHALL BE DONE BY THE BEST QUALITY CONTRACTOR. CONTRACTOR SHALL DESIGN HIS OWN MACHINE AREA & SERVICE REQUIRED.

STRUCTURAL

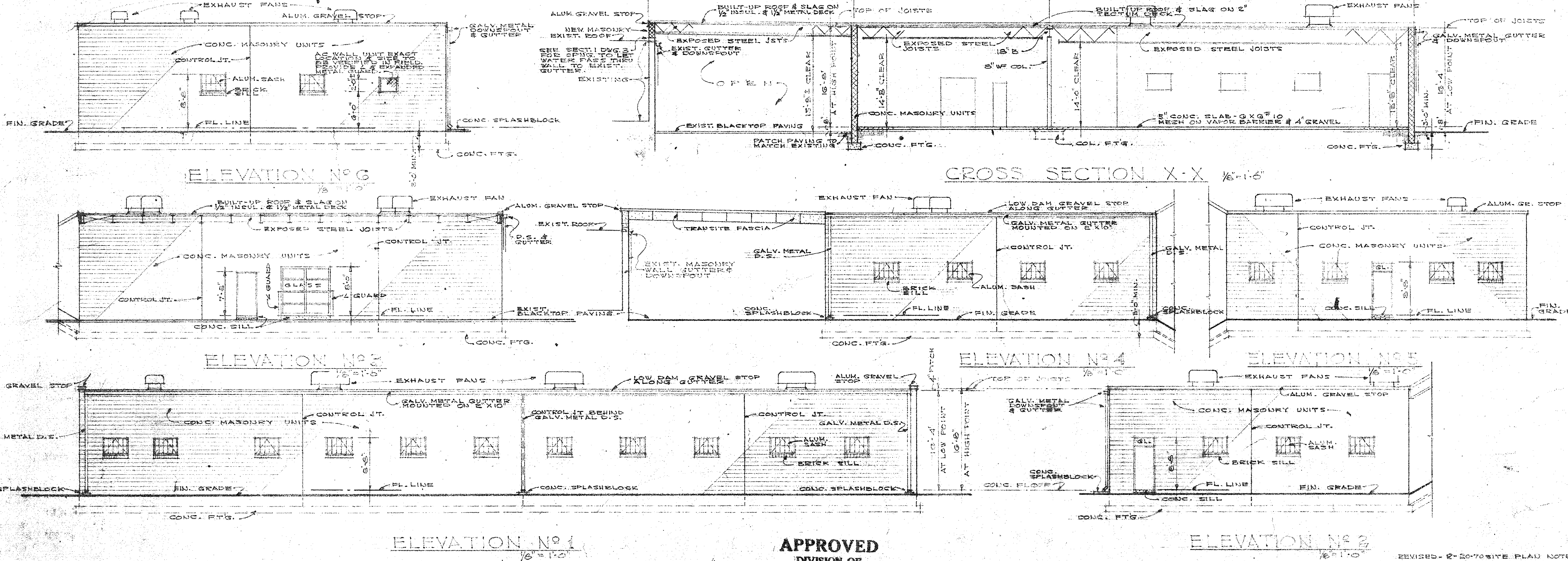
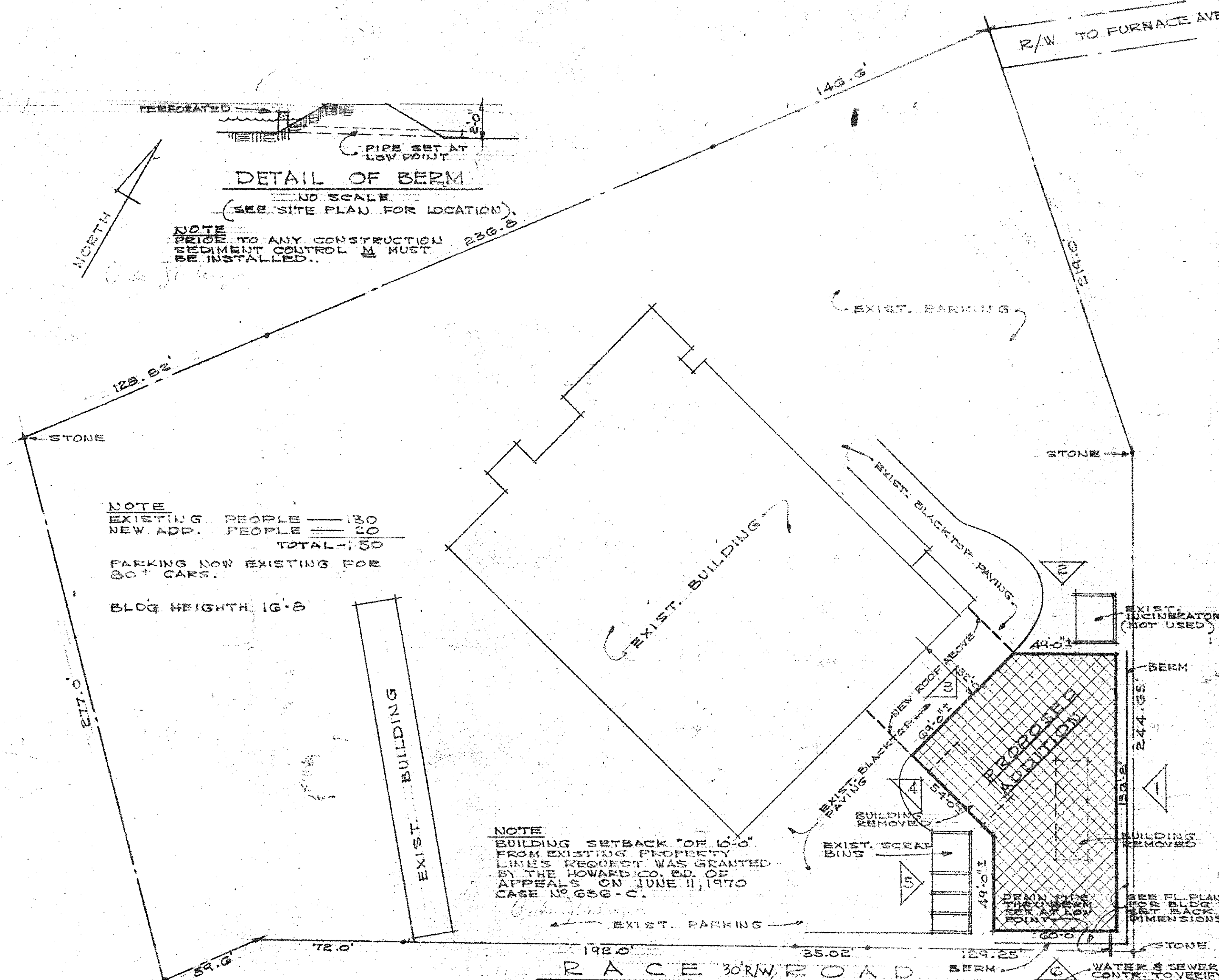
PRE-CONSTRUCTION WORK:
PRIOR TO EXCAVATING AND FOOTINGS, EXIST. FILL, MACADAM AND/OR TOP SOIL SHALL BE REMOVED IN AREAS OF NEW CONSTRUCTION. CONTROLLED BACKFILL AS NOTED ON DWGS. AND/OR REQUIRED TO BE PLACED IN LAYERS NOT TO EXCEED 9" & TO BE THOROUGHLY COMPACTED TO 95% MAX. DENSITY AS DETERMINED BY ASTM D1557-00.

FOUNDATIONS:
SECTION OF ALL FOOTINGS SHALL BE 10" MIN. BELOW VIRGIN GRADE. BOTTOM OF ALL EXTERIOR FURS SHALL BE 3'0" MIN. BELOW FINISH GRADE. A SOIL BEARING CAPACITY OF 3000 PSF WAS USED FOR FTS. DESIGN. IF A SOIL OF HIGHER CAPACITY IS NOT ENCOUNTERED AT THE DEPTH INDICATED ON DWGS. SHALL BE LOWERED OR INCREASED AS DIRECTED BY ARCHITECT. ALL FTS. TO HAVE 4" DIA. REBAR ALL MECHANICAL PIPING PROVIDE STEEL SLEEVES INSIDE DIA. 1/2" MIN. GREATER THAN OUTSIDE DIA. OF PIPE PASSING THROUGH WALL.

CONCRETE:
REINFORCING: ASTM A618-68 GRADE 60, MESH: ASTM A185-68.
ALL CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 PSI. ALL CONC. SHALL BE READY MIXED, PLACED & CURED IN ACCORDANCE WITH ALL STANDARDS & BLDG. CODE REQUIREMENTS FOR REINFORCED CONC. (ACI 318-65).

STEEL: (ASTM A500-59)
ALL STEEL TO BE DETAILED, FABRICATED & ERECTED IN ACCORDANCE WITH DWGS. & AISC REQUIREMENTS. ALL SHOP CONNECTIONS TO BE WELDED. FIELD CONNECTIONS MAY BE BOLTED OR WELDED AT THE CONTRACTOR'S OPTION. ALL WELDERS SHALL BE CERTIFIED QUALIFIED OPERATORS IN ACCORDANCE WITH A.I.S.C. REQUIREMENTS. ALL WELDER CONNECTIONS SHALL MEET REQUIREMENTS OF SPECS. FOR STRUCT. JOINTS USING ASTM A500-59. ALL STEEL SHALL BE SHOP COATED WITH PAINT SUITABLE AS A PRIMER FOR FIELD PAINTING. NO HOLES SHALL BE CUT IN ANY STEEL WITHOUT PRIOR APPROVAL OF THE ARCHITECT.

SEE DWG. NO. 5 FOR CONTINUED STRUCT. NOTES



APPROVED
DIVISION OF
LAND DEVELOPMENT
OFFICE OF
PLANNING AND ZONING
OF HOWARD COUNTY
DATE: 8-27-70
Jacek

PROPOSED ADDITION TO
DAVIS & HEMPHILL INC.
2000 FURNACE AVENUE
ELK RIDGE - MARYLAND

ROBERT W. LANCE—ARCHITECT
8107 MAIN STREET ELLICOTT CITY-MD.

REVISED - 2-20-70 SITE PLAN NOTES

DWG. 1 OF 5
JULY 1970

STATE OF MARYLAND
REGISTERED ARCHITECT
3490-A
DPP 71-10

SPECIFICATIONS

ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH ALL LOCAL CODES & LAWS & REGULATIONS BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY LICENSES & PERMITS & PAY ALL FEES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY INSURANCE TO KEEP THE WORKER PROTECTED AGAINST ANY CLAIMS, COMPLETION BOND AS DIRECTED BY OWNER. THE CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP & MATERIALS AGAINST DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF COMPLETION. THE FINAL ACCEPTANCE OF THE COMPLETED BUILDING BY THE OWNER. ALL MATERIALS TO BE NEW THROUGHOUT UNLESS OTHERWISE NOTED.

REMOVE ALL EXISTING WORK AS SHOWN ON DWGS. OR ALTER AS NECESSARY DURING CONSTRUCTION TO ACHIEVE A COMPLETE FINISH. ANY DAMAGED EXIST. WORK TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE. PROVIDE ANY SHORING OR SAFETY MEASURES NECESSARY TO PROTECT EXIST. BLDGS.

CONC. MASONRY UNITS BELOW GRADE SHALL BE STONE AGGREGATE CONC. BLOCK. ABOVE GROUND EXTERIOR & INTERIOR WALLS SHALL BE STONE AGGREGATE CONC. BLOCK WALL THICKNESS SHALL BE AS SHOWN ON DWGS. NOTE ONLY DWG. WALL 10" O. VERT. USE ALL MASONRY WALLS. BLOCK SHALL BE AS MANUF. BY BALTO. CONC. BLOCK CORP. OR APPROVED EQUAL. BRICK FOR ALUM. CASH SILLS TO MATCH EXIST. BLDG. SILLS.

THE HEADS & SILLS OF ALL EXTERIOR OPENINGS SHALL BE FLASHED WITH PLASTIC SPANDREL FLASHING 7020 GAUGE PLY AS MANUF. BY THE U.S. CANCO CO. OR APPROVED EQUAL. SEALING FOR LATH & AT VERTICAL SURFACES SHALL BE PLY-BEK MASTIC AS MANUF. BY THE U.S. CANCO CO. OR APPROVED EQUAL. EXTEND FLASHING 12" BEYOND JAMBES AT ALL OPENINGS.

RAILK ALL INTERIOR & EXTERIOR JOINTS AT ALL CASH, DOOR FRAMES PARTITIONS, ETC. WHERE NECESSARY THROUGHOUT. PROVIDE PROFORMA GASKET AT ALL WALL CONTROL JOINTS AS DETAILED ON DWG. NO. 2 FULL HEIGHT AS MANUF. BY DUPONAL PRODUCTS, INC. & CALL AS NOTED.

CONCRETE SLAB FLOOR 4" THICKNESS AS SHOWN ON DWG. ON 000" VISQUEEN VAPOR BARREER & 4" MIN. GRAVEL. ALL FLOORS EXCEPT TOILET FLOOR TO BE STEEL TROWEL MONOLITHICALLY FINISHED WITH A COLORLESS HARDNER, 50 POUNDS PER 100 SQ. FT. BY TUST COAT METHOD. HARDNER SHALL BE "HYDROMENT" AS MANUF. BY UFGCO COMPANY OR APPROVED EQUAL.

METAL DOORS SHALL BE FLUSH ROLLUP METAL CURT. OF 16 GA. STEEL & REINFORCED. FRAMES SHALL BE 16 GA. STEEL. HAVING 6" FLANGES. PROVIDE 2" METAL ANCHORS IN JAMBES & FRAMES SHALL BE REINFORCED FOR HARDWARE. APPROVED EQUAL. SEE ALUM. CASH SILL DETAIL ON DWG. NO. 2.

CONTRACTOR SHALL PROVIDE & INSTALL ALL DOOR HARDWARE NECESSARY FOR A COMPLETE INSTALLATION. THIS SHALL INCLUDE: HANDLES, KEYS, AS DIRECTED BY OWNER. HARDWARE SHALL BE AS MANUF. BY YALE OR APPROVED EQUAL. PROVIDE ONE 12" X 24" MIRROR OVER EACH LAVATORY. OTHER TOILET RM. ACCESSORIES SUCH AS SOAP DISPENSERS & TOWEL HOLDERS SHALL BE AS DIRECTED BY OWNER.

TOILET PARTITIONS SHALL BE FLUSH METAL BAKED ENAMEL "ACADEMY" COMPLETE WITH DOOR HOOK & TOILET PAPER HOLDERS. DOORS, CRACKETS, ETC. COLOR AS SELECTED BY OWNER. PARTITIONS AS MANUF. BY SANMETAL PROD. CO. INC. OR APPROVED EQUAL.

BUILT-UP ROOF SHALL BE 1/2" YR. SOLID TYPE, FOUR-PLY, BARRETT SPEC. 150-LINE OR APPROVED EQUAL. OPEN LOCATED OVER PORCHES APPLIED OVER 1/2" RIGID INSULATION & BALANCE OF ROOF APPLIED OVER TECTUM ROOF DECK. PROVIDE 300" OF SLAS FOR 100 SAFETY IS APPROVED BY THE ROOFING MANUF. PROVIDE REINF. FLASHING AT ALL CAUT. CURBS & ALL OPENINGS FOR A COMPLETELY WATER-TIGHT ROOF.

ROOF SCUTTLE SHALL BE TYPE S-20 COMPLETE WITH 12" CURB AS MANUF. BY THE BIRCO CO. OR APPROVED EQUAL. SEE DWG. NO. 2 FOR SIZE & LOCATION.

TOILET ROOM SHALL BE PAINTED AS FOLLOWS: 1/2" EPOXY WAINSCOT - FLOOR EPOXY PAINT - BALANCE OF ROOM 2 COATS OF SEMI-GLASS. ALL OTHER AREAS BOTH INTERIOR & EXTERIOR WILL BE PAINTED ONLY BY DIRECTION OF THE OWNER. COLOR AS SELECTED BY OWNER.

CONTRACTOR SHALL DO ALL FINAL GRADING TO INSURE PROPER WATER DRAINAGE & A NEAT APPEARANCE. HE SHALL PATCH ALL AREAS DISTURBED BACK TO THEIR ORIGINAL CONDITION BEFORE WORK STARTED OR AS DIRECTED. OTHERWISE, ALL CURBS SHALL BE REMOVED FROM SITE.

MECHANICAL

ALL ELECTRICAL-MECHANICAL-PLUMBING WORK CALLED FOR ON THESE DRAWINGS OR TO BE DONE LATER BY OTHERS SHALL BE DONE IN STRICT ACCORDANCE WITH ALL HOWARD COUNTY CODES. ALL ELEC. WORK SHALL BE DONE IN ACCORDANCE WITH THE N.E.C.

SEE DWG. NO. 2 FOR MECHANICAL & PLUMBING WORK FOR THIS JOB. CONTRACTOR SHALL VERIFY ALL ELECTRICAL EQUIPMENT FOR PROPER VOLTAGE. CONTR. SHALL COLLECT SANITARY & WATER TO EXIST. WELDER IN RACE ROAD.

ALL ELECTRICAL SERVICE PANELS, WIRING, LIGHTING, EXIST. LIGHTS, ELEC. HEATING, OUTLETS, SERVICE FOR NEW MACHINERY OR REFRIG. SHALL BE KEPT AS IS UNLESS OTHERWISE SPECIFIED. ALL NEW WORK SHALL BE DONE IN ACCORDANCE WITH THE N.E.C. CONTRACTOR SHALL SECURE & INSTALL ELECTRICAL WORK DESCRIBED (BY OTHERS) ONLY AS DIRECTED BY THE OWNER. OWNER SHALL DESIGN HIS OWN MACHINE AREA LAYOUT & SERVICE REQUIRED.

STRUCTURAL

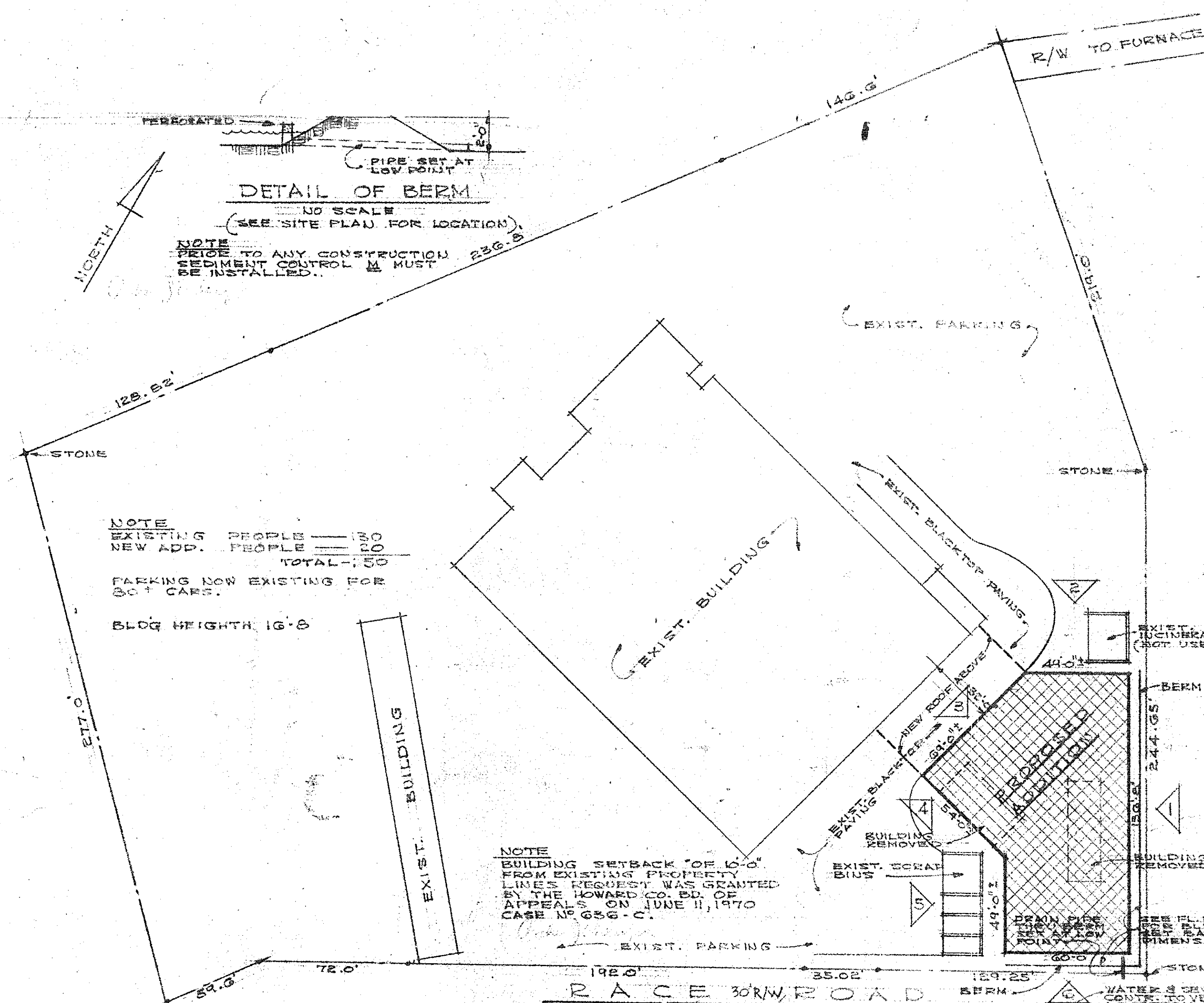
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FOUNDATION: BOTTOM OF ALL FOOTINGS SHALL BE 10" MIN. BELOW VIRGIN GRADE. BOTTOM OF ALL EXTERIOR FTG. SHALL BE 3'0" MIN. BELOW FINISH GRADE. A SOIL BEARING CAPACITY OF 3000 PSF WAS USED FOR FTG. DESIGN. IF A SOIL OF THIS CAPACITY IS NOT ENCOUNTERED AT DESIGN DEPTH, FOOTING SHALL BE LOWERED OR REDESIGNED BY ARCHITECT. WALL FTGS. TO BE 16" OR UNDER ALL MECHANICAL PIPING. PROVIDE STEEL SLEEVES INSIDE DIA. 1/2" MIN. GREATER THAN OUTSIDE DIA. OF PIPE PASSING THROUGH WALL.

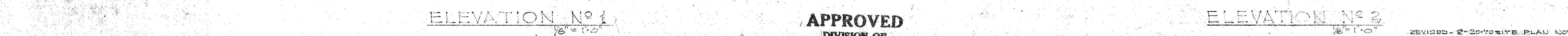
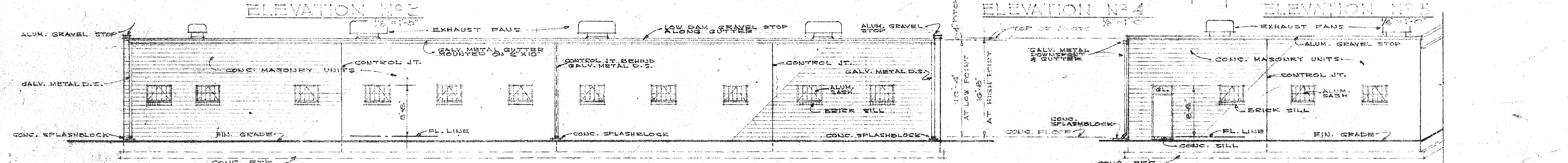
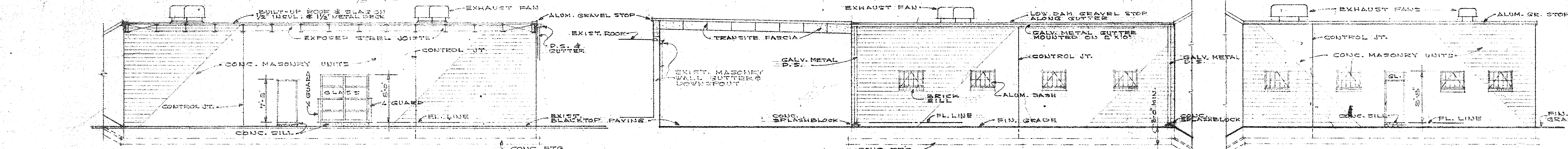
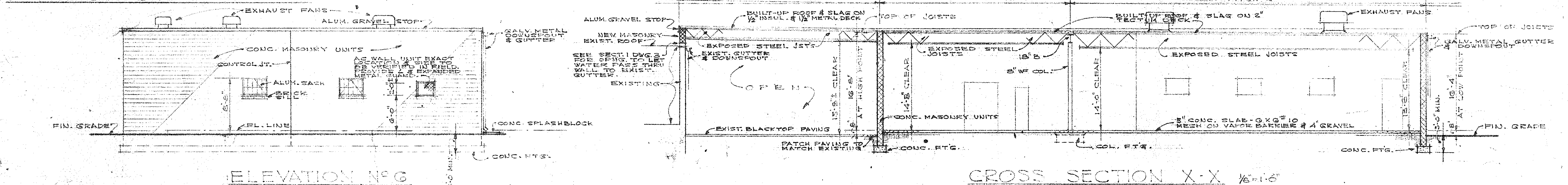
CONCRETE: REINFORCING: ASTM A36 GR. GRADE 60 MESH ASTM A105-66. ALL CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 PSI. ALL CONCS. SHALL BE READY MIXED, PLACED & CURED IN ACCORDANCE WITH ACT STANDARDS & BLDG CODE REQUIREMENTS FOR REINFORCED CONC. (ACT 218-67).

STEEL: (ASTM A36-63) ALL STEEL TO BE DETAILED, FABRICATED & ERECTED IN ACCORDANCE WITH DWGS & AISC REQUIREMENTS. ALL SHOP CONNECTIONS TO BE WELDED. FIELD CONNECTIONS TO BE BOLTED OR WELDED AT THE CONTRACTOR'S OPTION. ALL WELDERS SHALL BE CERTIFIED & QUALIFIED OPERATING IN ACCORDANCE WITH A.W.S. REQUIREMENTS. ALL BOLTED CONNECTIONS SHALL MEET REQUIREMENTS OF SPECS. FOR STRUCT. JOINTS USING A307 A OR B BOLTS. ALL STEEL SHALL BE SHOP COATED WITH PAINT SUITABLE AS A PRIMER FOR FIELD PAINTING. NO HOLES SHALL BE CUT IN ANY STEEL WITHOUT THE PREVIOUS APPROVAL OF THE ARCHITECT.

SEE DWG. NO. 2 FOR CONTINUED STRUCT. NOTES



SITE PLAN TAX MAP # 28 & PARCEL # 429
1" = 40'
THIS SITE PLAN IS NOT A SURVEY. CONTRACTOR SHALL VERIFY ALL INFORMATION RELATING TO LOT LINES, GRADES, WATER, SEWER, ELECTRIC, ETC.
EXISTING FENCE ALONG RACE RD. & EAST PROPERTY LINE ARE ASSUMED TO BE 12" ON PROPERTY. CONTRACTOR TO VERIFY.
TRIANGLE DESIGNATED 1/8" SCALE ELEVATIONS (SEE ELEV. THIS DRAWING)



APPROVED
DIVISION OF
LAND DEVELOPMENT
OFFICE OF
PLANNING AND ZONING
OF HOWARD COUNTY
DATE: 8-27-70
JAC

**PROPOSED ADDITION TO
DAVIS & HEMPHILL INC.**
2000 FURNACE AVENUE
ELKEIDGE - MARYLAND
ROBERT W. LANCE—ARCHITECT
807 MAIN STREET ELLICOTT CITY-MD.
REVISED - 2-20-70 SITE PLAN NOTES
3400-A
STATE OF MARYLAND
DWG. 1 OF 3
JULY 1970
SDP 71-10