

PORCH RENOVATION
Wilson Residence
 2404 Bexley Park
 Franklin County Bexley, Ohio

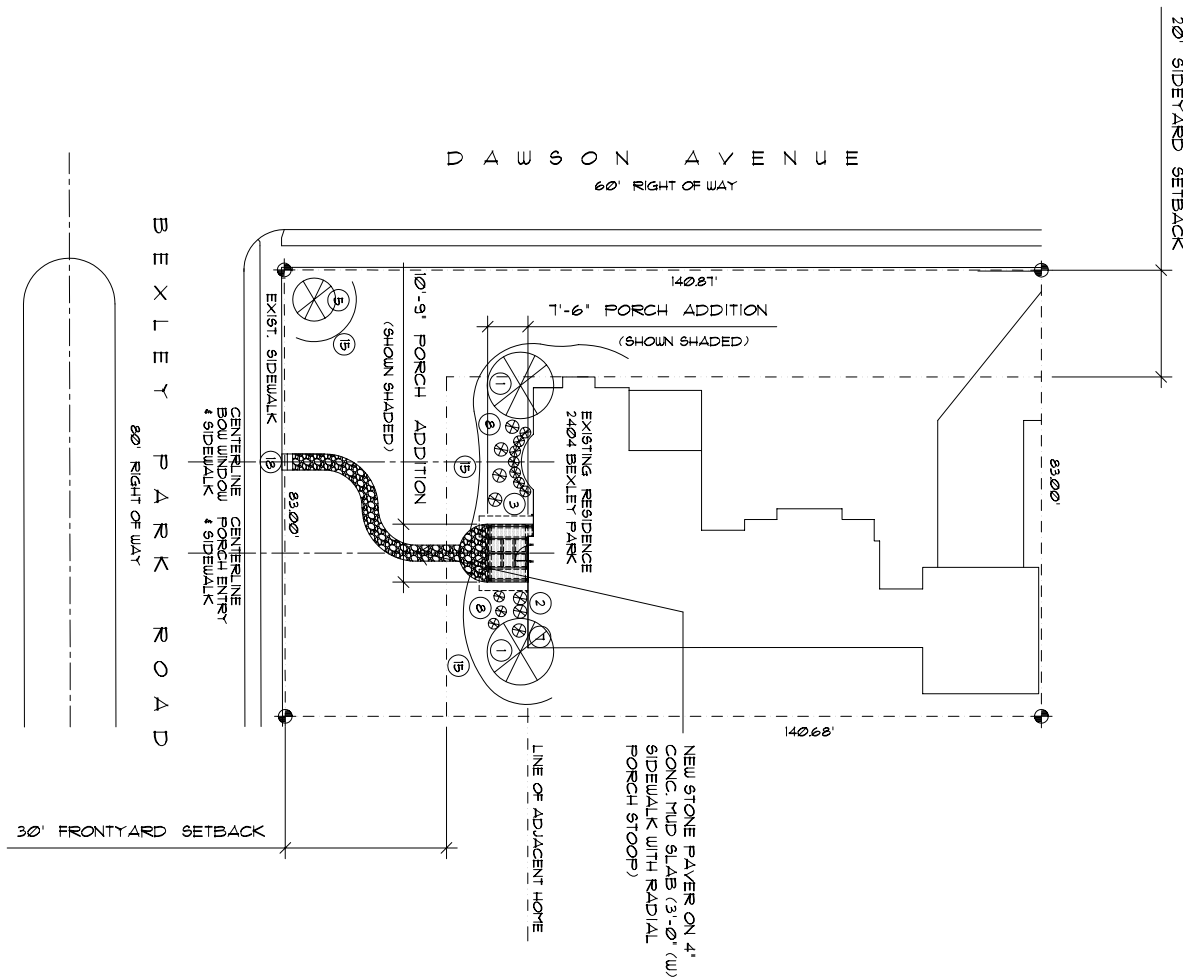
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PRELIMINARY
 09/28/2020
CONSTRUCTION
 REVISIONS

SITE PLAN,
 NOTES
 SHEET NO.
 A101
 PROJECT NO. 20KSH05



LOT 163 AND PART OF LOT 168
 BEXLEY PARK PLAT BOOK II, PAGE 35
 CITY OF BEXLEY
 COUNTY OF FRANKLIN
 STATE OF OHIO
 PID #020-001940-00

STRUCTURAL STEEL

- MATERIALS
ANCHOR BOLTS: A57M A 307 OR A36; ELECTRODES: SERIES E70;
- STRUCTURAL LUMBER**
- MATERIALS:
A. STUDS: SPRUCE PINE FIR STUD GRADE OR BETTER ACCORDING TO THE NATIONAL LUMBER GRADES AUTHORITY (NLGA), SEASONED AT 19% MOISTURE CONTENT.
B. STRUCTURAL LUMBER: SPRUCE PINE FIR NO. 2 OR BETTER ACCORDING TO THE NATIONAL LUMBER GRADES ASSOCIATION (NLGA), SEASONED AT 19% MOISTURE CONTENT.
C. PLYWOOD: C PLUGGED, 5/8" APA STRUCTURAL I RATED SHEATHING 24/0, EXPOSURE I, UNO.
- CONNECTIONS:**
UNLESS NOTED OTHERWISE CONNECTIONS FOR STRUCTURAL MEMBERS SHALL BE AS SHOWN IN THE CONNECTIONS MANUAL PUBLISHED IN THE RESIDENTIAL CODE OF OHIO BY THE COUNCIL OF AMERICAN BUILDING OFFICIALS.
- JOIST TO BEAMS: 16 GA GALVANIZED STD. JOIST HANGERS BY THE SIMPSON STRONG-TIE CO. (PROVIDE SLOPED AND/OR KEWLED HANGERS WHERE REQUIRED);
 - PLYWOOD TO ROOF RAFTERS/RISERS: NAILED, USE 8d RING SHANK NAILS AT 6" ON CENTER, 12" ON CENTER AT INTERMEDIATE SHEETS;
 - PLYWOOD TO WALL SHEATHING: NAIL TO STUDS AT 6" ON CENTER, 12" ON CENTER AT INTERMEDIATE SHEETS;
 - PREVENT LATERAL THRUST AT BASE OF RAFTER
 - PREVENT LATERAL THRUST AT CEILING JOISTS OR COLLAR TIES TO RAFTERS
 - PROVIDE CONCEALED POST CAPS AND BASES BY THE SIMPSON STRONG-TIE CO. AT TOPS AND BOTTOMS OF WOOD POSTS.
- MISCELLANEOUS:**
- USE ONE LINE OF SOLID BLOCKING OR CROSS BRIDGING AT 8'-0" OC MAX AND AT JOIST AND RAFTER BEARINGS FOR ALL JOISTS AND RAFTERS. PROVIDE SOLID BLOCKING BETWEEN JOISTS BELOW BEARING STUDS.
 - PROVIDE CONTINUOUS SOLID BLOCKING (3 ROUNDS MIN) BETWEEN ADJACENT GULLY JOISTS AT MID SPAN AND QUARTER POINTS EACH SIDE OF ALL CEILING JOISTS AT MID SPAN AND QUARTER POINTS ABOVE.
 - PRESERVE TREAT ALL EXTERIOR LUMBER AND ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY.

GENERAL NOTES

- THE CONTRACTOR MAY, AT HIS/HER OPTION, ATTACH THE SHEATHING IN ACCORDANCE WITH THE FASTENING SCHEDULE ON SHEET A501.
 - CENTER FOOTINGS ON COLUMN CENTERLINES.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNER THAT ALL HOUSES HAVE A POTENTIAL TO HAVE RADON LEVELS WHICH MAY EXCEED THE RECOMMENDED LEVELS ESTABLISHED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY. THE CONTRACTOR IN CONNECTION WITH THE OWNER SHALL NOTIFY THE OWNER OF THE POTENTIAL FOR RADON IN CONNECTION WITH THE NOTIFICATION RECOMMENDED BY THE ARCHITECT TO DETERMINE IF A RADON ABATEMENT SYSTEM IS REQUIRED.
 - THE OWNER IS RESPONSIBLY TO MAKE SURE WHEN COMPLETED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE SURE THE WORKING ENVIRONMENT DURING CONSTRUCTION AND TO PROVIDE A SAFE WORKING ENVIRONMENT DURING CONSTRUCTION.
- GENERAL CODE REQUIREMENTS**
(ALL NOTATIONS BELOW REFER TO THE RESIDENTIAL CODE OF OHIO)
- ALL ELECTRICAL WORK SHALL COMPLY WITH THE REQUIREMENTS OF LOCAL ELECTRICAL CODES, THE RESIDENTIAL CODE OF OHIO, AND THE CURRENT NATIONAL ELECTRICAL CODE.
 - SLATE SHINGLES SHALL BE APPLIED OVER AN UNDERLAYMENT OF EPDM OR ICE DRY PROTECTION LAID PARALLEL TO THE EAVES, WITH A 3" TOP LAP AND 4" END LAP.
 - ALL WOOD IN LOCATIONS SUBJECT TO TERMITES OR DECAY DAMAGE AS DESCRIBED SHALL BE TREATED WITH AN APPROVED DECAY RESIST SPECIES.

STRUCTURAL NOTES

- THE STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS:
FLOORS: 40 PSF
ROOF: 25 PSF
ATTIC: 20 PSF
EXTERIOR BALCONIES AND DECKS: 60 PSF
- FOUNDATIONS**
- FOOTINGS SHALL BEAR ON FIRM UNDISTURBED SOIL OR COMPACTED FILL WITH AN ALLOWABLE BEARING CAPACITY OF 1500 PSF. FOUNDATION WALLS HAVE BEEN DESIGNED FOR AN EQUIVALENT FLUID PRESSURE OF 40 PCF. IT THE RESPONSIBILITY OF THE OWNER AND/OR THE CONTRACTOR TO ENGAGE THE SERVICES OF A SOLETS ENGINEER TO VERIFY THE FOUNDATION DESIGN.
 - BEAR EXTERIOR FOOTINGS SHALL BE 3'-0" BELOW EXTERIOR GRADE.
 - ALL COLUMN FOOTINGS SHALL BE 3'-0" SQUARE X 12" DEEP WITH 4 - #5 BARS EACH WAY. TYPICAL UNLESS NOTED OTHERWISE.
 - ALL WALL FOOTINGS FOR 12" WALLS SHALL BE 7'-0" WIDE X 8" DEEP WITH (3) #5 BARS CONTINUOUS, TYPICAL UNLESS NOTED OTHERWISE.

CONCRETE

- CONCRETE FOR FOOTINGS: 3000 PSI.
- REINFORCING BARS: A57M A 615, GRADE 60.

MASONRY

- MATERIALS:
A. CONCRETE BLOCK: A57M C90, MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1500 PSI.
B. MORTAR: TYPE S, MINIMUM COMPRESSIVE STRENGTH: 1800 PSI.
C. GROUT: A57M C416, COURSE TYPE MINIMUM COMPRESSIVE STRENGTH: 3000 PSI.
D. REINFORCING BARS: A57M A 615, GRADE 60.
E. JOINT REINFORCING: 4MOUNTAIN LAUREL
F. PROVIDE HORIZONTAL JOINT REINFORCING AT 16" ON CENTER VERTICALLY.
G. GROUT MASONRY SOLID BELOW BEAM AND COLUMN BEARINGS, TYPICAL FILL HEIGHT.

LANDSCAPING KEY (NOT ALL NUMBERS UTILIZED):

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|----------------------------|---|
| ① RIVER BIRCH | ⑩ FLOWERING CRAB |
| ② INKBERY | ⑪ WEIGELIA |
| ③ BOXWOOD | ⑫ LOW GROUND EVERGREEN PERENNIALS GRASSES |
| ④ FLOWERING ALMOND | ⑬ GROUNDCOVER - BUNGLEDDED OR HYRTLE (LEVEL W SIDEWALK) |
| ⑤ RED BUD | ⑭ BEDS - TO BE DETERMINED |
| ⑥ JAPANESE MAPLE | ⑮ EXPANDED BED |
| ⑦ HYDRANGEA | ⑯ NEW 3' SIDEWALK |
| ⑧ LOW GROUND SPRUCE | ⑰ NEW RETAINING WALL |
| ⑨ AZALEA & MOUNTAIN LAUREL | ⑱ NEW STEPS |

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SITE PLAN
 1" = 16' - 0"
 NORTH