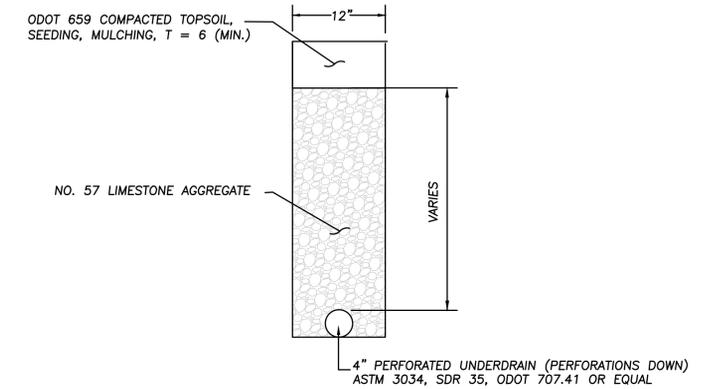


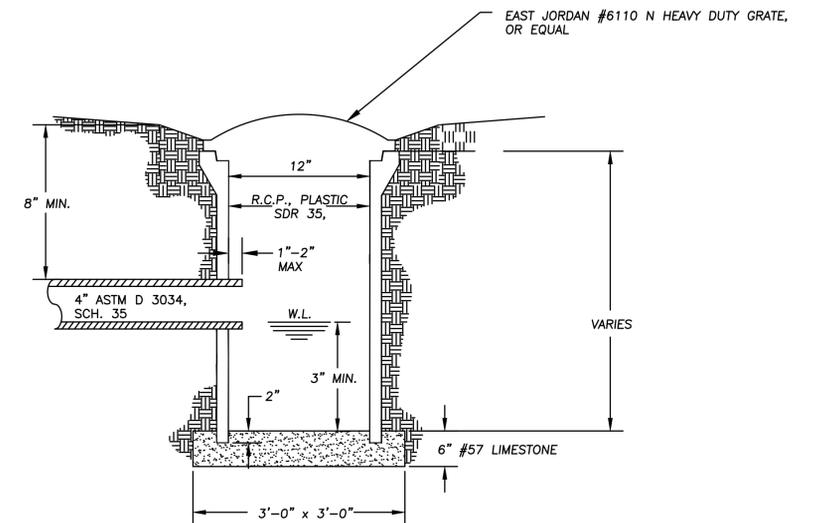
GENERAL NOTES

1. ALL PAVEMENT AND SITE WORK SHALL CONFORM TO O.D.O.T., CITY OF ELYRIA, AND LORAIN COUNTY STANDARD CONSTRUCTION DRAWINGS.
2. CONTRACTOR MUST SECURE ALL NECESSARY PERMITS PRIOR TO STARTING WORK.
3. IF THE CONTRACTOR, IN THE COURSE OF THE WORK, FINDS ANY DISCREPANCIES BETWEEN THE PLANS AND THE PHYSICAL CONDITIONS OF THE SITE, OR ANY ERRORS OR OMISSIONS IN THE PLANS OR IN THE LAYOUT AS GIVEN BY THE ENGINEER, IT SHALL BE HIS DUTY TO IMMEDIATELY INFORM THE ENGINEER, IN WRITING, AND THE ENGINEER WILL PROMPTLY VERIFY THE SAME. ANY WORK DONE AFTER SUCH A DISCOVERY, UNTIL AUTHORIZED, WILL BE AT THE CONTRACTOR'S RISK.
4. ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE TO THE STATE AND LOCAL GOVERNMENT AGENCY LATEST CONSTRUCTION SPECIFICATIONS AND DETAILS.
5. CONTRACTOR TO NOTIFY SITE OWNERS AUTHORIZED REPRESENTATIVE A MINIMUM OF TWENTY-FOUR (24) HOURS BEFORE BEGINNING EACH PHASE OF CONSTRUCTION.
6. THE CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND THE PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY BOTH PRIVATE & PUBLIC PROTECTED FROM DAMAGE.
7. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO ANY EXISTING ITEMS AND/OR MATERIALS INSIDE OR OUTSIDE CONTRACT LIMITED DUE TO CONSTRUCTION OPERATIONS.
8. ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURB AND CUTTERS, ROADSIDE DRAINAGE DITCHES AND OTHER STRUCTURES THAT ARE/MAY BE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACE OR REPAIRED IN ACCORDANCE WITH THE APPROPRIATE SPECIFICATIONS.
9. RUN PROPOSED 4" PVC DRAIN TO DAYLIGHT. PIPE LENGTHS SHOWN ARE APPROXIMATE.



TYPICAL UNDERDRAIN DETAIL

- NOT TO SCALE -



YARD DRAIN DETAIL

- NOT TO SCALE -



J:\133760 Detention Home\DRAWINGS\13-3760 Master.dwg, Plotted: Jul 24, 2014, 9:45am

DATE	BY	DESCRIPTION
07-24-2014	CDW	ISSUE FOR PERMIT

DRAWN BY: RLK

CHECKED BY: CDW

BRAMHALL
ENGINEERING AND SURVEYING CO., INC.
801 MOORE ROAD AVON, OHIO 44011
(440) 934 - 7878 (440) 934 - 7879 FAX

PREPARED FOR:
LORAIN COUNTY FACILITIES MANAGEMENT
9967 S. MURRAY RIDGE RD.
ELYRIA, OH. 44035
(440)-326-4002

LORAIN COUNTY JUVENILE
DETENTION CENTER
PROPOSED SITE PLAN
CITY OF ELYRIA, COUNTY OF LORAIN, STATE OF OHIO

SHEET
C1.0
JOB NO.
13-3760

GENERAL DEMO NOTES

- JOB CONDITIONS
 - LOCATE, PROTECT AND MAINTAIN ACTIVE UTILITIES SCHEDULED TO REMAIN. REPAIR ANY DAMAGED UTILITIES AT CONTRACTOR'S EXPENSE.
 - PERFORM DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ADJACENT OCCUPIED FACILITIES.
- INSPECTION
 - MAKE PRE-BID SITE INSPECTION TO ESTABLISH EXTENT OF WORK, CONDITION OF STRUCTURES AND VALUE OF SALVAGE MATERIAL, IF ANY.
- PREPARATION
 - OBTAIN PROJECT REPRESENTATIVE'S CONFIRMATION OF EXTENT OF DEMOLITION BEFORE PROCEEDING WITH DEMOLITION.
- DEMOLITION
 - PERFORM DEMOLITION, BY METHOD OF CONTRACTOR'S CHOICE, WITHIN LIMITATIONS OF OWNER'S REQUIREMENTS AND PER SPECIFICATION SECTION 01 56 10. REFER TO GENERAL NOTES ON TITLE PAGE FOR ADDITIONAL REQUIREMENTS AND RESTRICTIONS.
 - REMOVE ITEMS ARE TO BE SALVAGE AND TURNED OVER TO OWNER AS NOTED IN DRAWINGS AND SUMMARY OF WORK.
 - ALL DIMENSIONS SHOWN SHALL BE COORDINATED WITH NEW PLANS PRIOR TO WORK.

DEMOLITION LEGEND

- DASHED LINES INDICATE THE FOLLOWING ITEMS, BUT NOT LIMITED TO, SHALL BE REMOVED AND HAULED OFF SITE: MASONRY WALLS, WINDOWS/FRAMES, DOORS/FRAMES, GLASS BLOCK, CONCRETE STEPS, CONCRETE FLOORING AND ALL ASSOCIATED CONCRETE. COORDINATE ALL ELECTRICAL COMPONENTS AFFECTED.
- EXISTING WALLS TO REMAIN

MASONRY GENERAL NOTES:

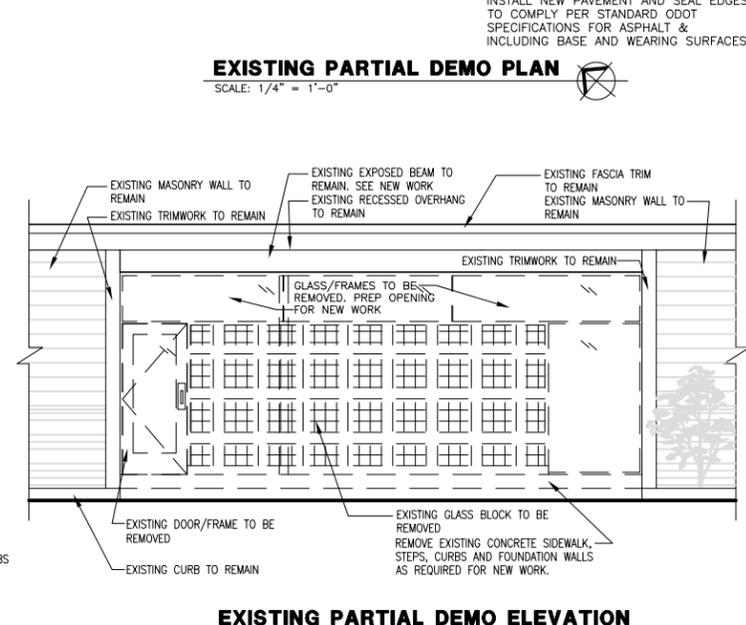
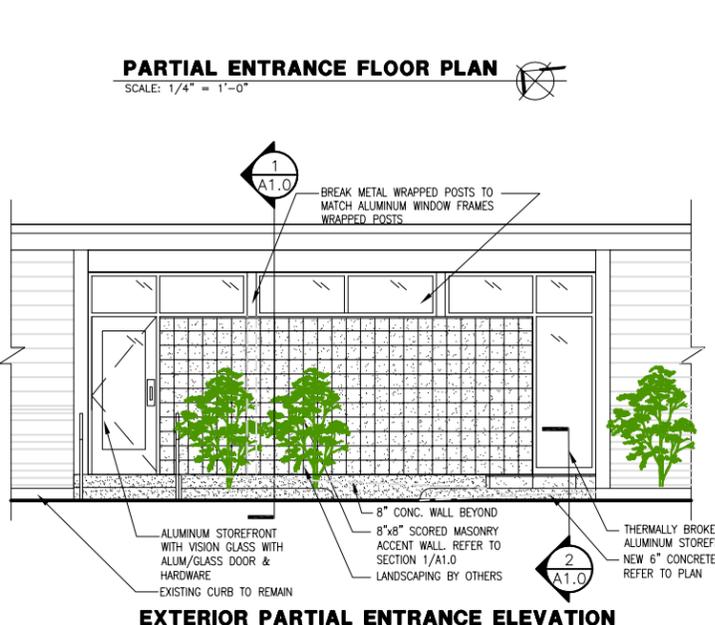
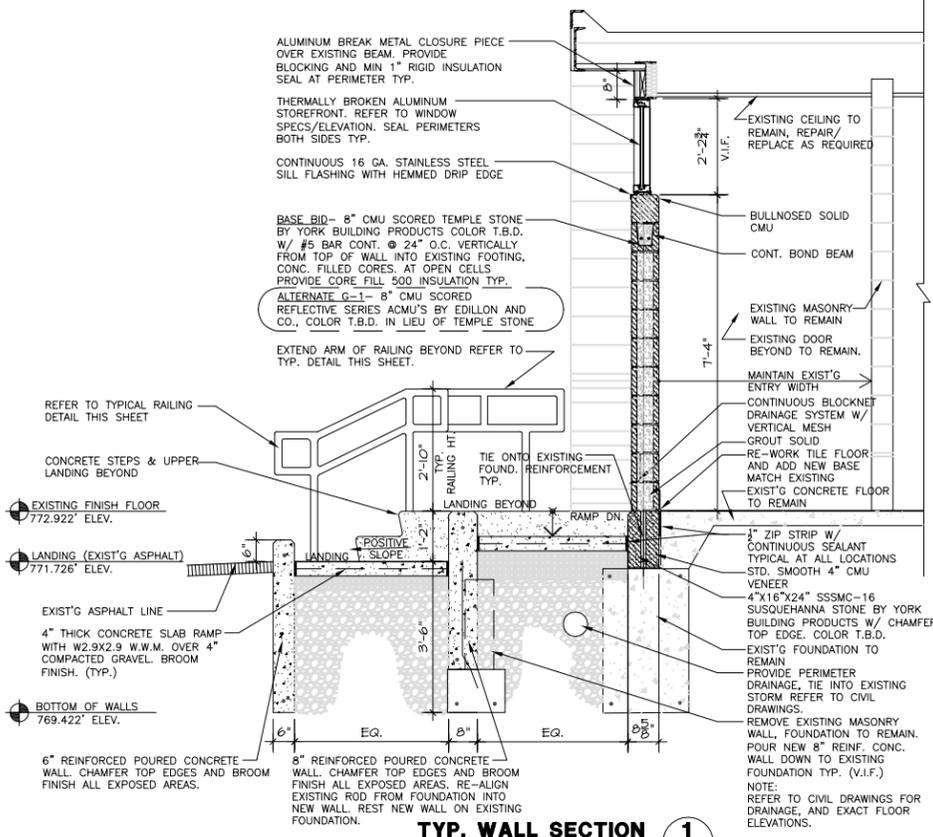
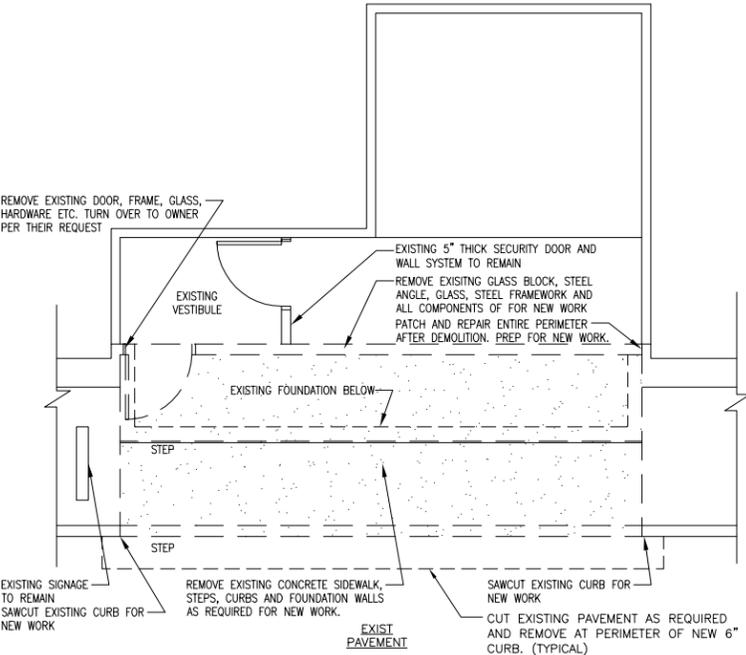
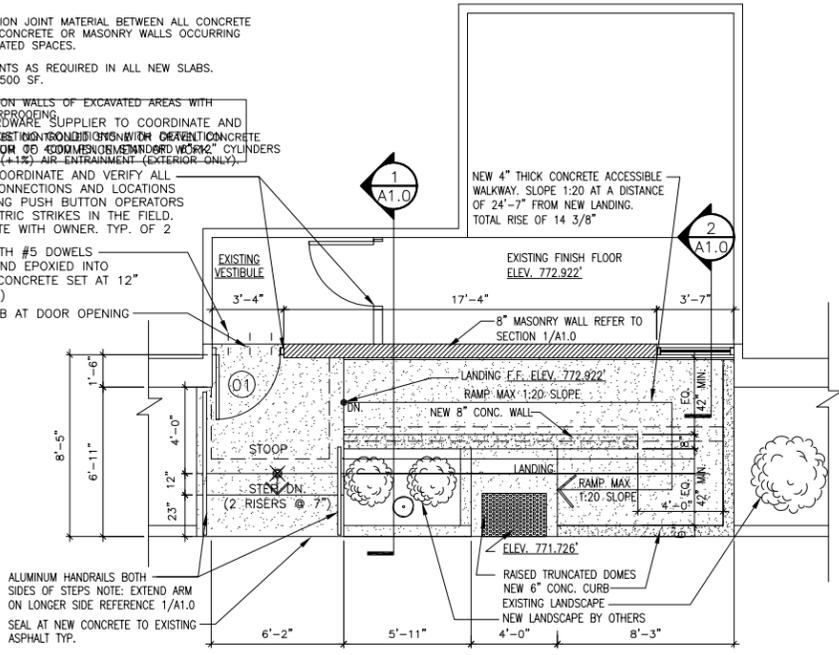
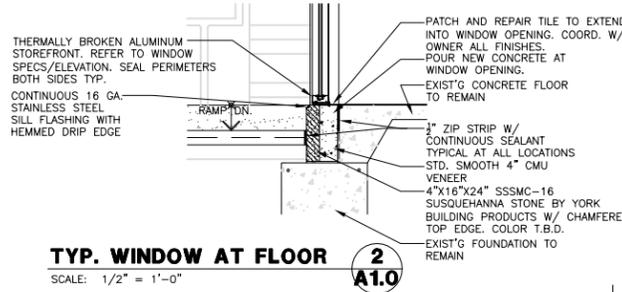
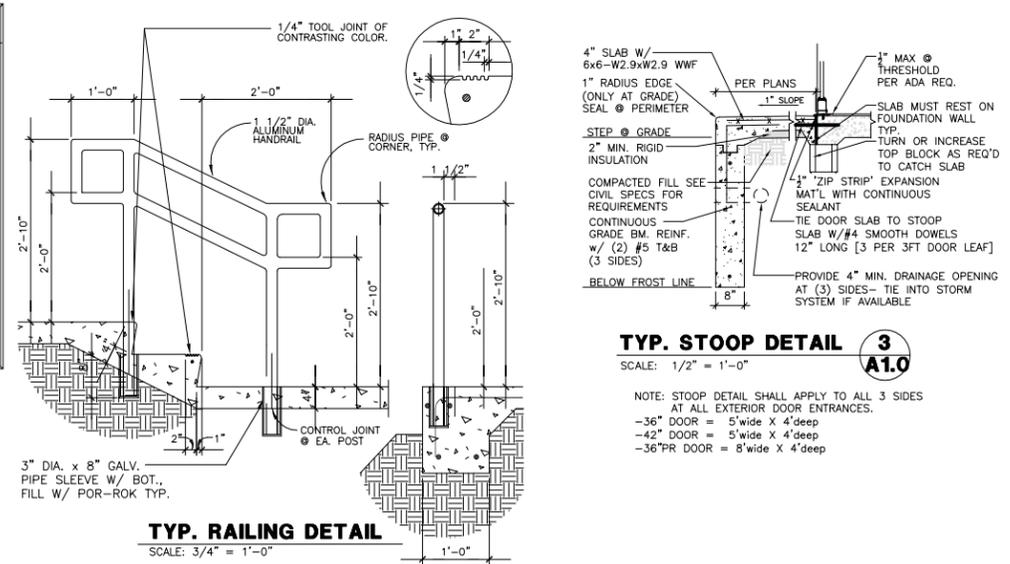
- MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES (ACI 530.1-95/ASCE 6-95/TMS 402.95)" EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THESE CONTRACT DOCUMENTS.
- COMPRESSIVE STRENGTH SHALL BE DETERMINED FOR EACH TYPE OF MASONRY BY THE UNIT STRENGTH METHOD.
 - CONCRETE MASONRY: $f'_m = 1500$ PSI AT 28 DAYS.
- MATERIALS
 - CONCRETE MASONRY UNITS: ASTM C90 TYPE I.
 - ABOVE AND BELOW GRADE: NORMAL WEIGHT AGGREGATE PER ASTM C33.
 - MORTAR: ASTM C270 TYPE N.
 - PORTLAND CEMENT-LIME MORTAR:
 - PORTLAND CEMENT: TYPE I.
 - HYDRATED LIME: TYPE S.
 - MASONRY CEMENT MORTAR: AT CONTRACTOR'S OPTION.
 - GROUT: ASTM C476. SLUMP 8" TO 10".
 - REINFORCING STEEL: ASTM A615, 60 KSI YIELD.
- KEEP WALL FACE CLEAN AND FREE OF MORTAR DROPPINGS.
- RUNNING BOND PATTERN SHALL BE USED FOR ALL MASONRY WORK UNLESS OTHERWISE NOTED.
- PROVIDE MOVEMENT (CONTROL AND EXPANSION) JOINTS IN WALLS WHERE INDICATED ON DRAWINGS OR AS REQUIRED. BOND BEAMS SHALL BE DISCONTINUED ACROSS MOVEMENT JOINTS UNLESS NOTED OTHERWISE.
 - MOVEMENT JOINTS IN BLOCK: 3/8" WIDE CLEAN JOINT FILLED WITH EXPANSION JOINT MATERIAL PER ASTM D1056, CLASS RE 41. CAULK EXTERIOR FACE.
 - PROVIDE BUILDING PAPER BOND BREAK BELOW LINTEL BEARING ADJACENT TO CONTROL JOINTS.
 - GROUT ALL CELLS FROM 8" A.F.F. BELOW SLID.
 - MASONRY CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR ALL MASONRY WALLS UNTIL THE STRUCTURE IS ERECTED SUFFICIENTLY TO SUPPORT THE WALLS. ALL BRACING INSTALLATION, REMOVAL AND PROCEDURES SHALL BE APPROVED BY ARCHITECT.

FOUNDATION NOTES

- GENERAL CONTRACTORS AND SUBCONTRACTORS WILL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY ERRORS OR DISCREPANCIES BEFORE PROCEEDING FURTHER WITH WORK.
- FOUNDATIONS ARE DESIGNED FOR A SOIL BEARING CAPACITY OF 2500 PSF. FOUNDATION FOOTINGS MAY BE WIDENED BY THE CONTRACTOR IF HE/SHE WISHES. FOUNDATIONS SHALL BEAR ON FIRM, DRY AND CLEAN SOILS OR SOLID STONE.
- NEW BACKFILL TO BE APPROVED, CLEAN, INORGANIC FILL MATERIAL AND PLACED IN LAYERS NOT EXCEEDING 6". EACH NEW LAYER OF MATERIAL AND SUBGRADE SHALL BE COMPACTED TO CONFORM TO CONDITIONS THAT ACHIEVE A 100% COMPACTION AS DETERMINED BY ASTM D-698 DESIGNATION STANDARD PROCTOR TEST.
- ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60 UNLESS NOTED OTHERWISE.
- STEEL DETAILING, FABRICATION, ERECTION SHALL CONFORM TO THE LATEST AISC SPECIFICATIONS AND CODE OF STANDARD PRACTICE, AND THE AWS STRUCTURAL WELDING CODE.
- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36
- WHERE EVER POSSIBLE, USE FRAMED BEAM CONNECTIONS AS LISTED IN TABLES II, III, OR IV OF THE AISC MANUAL OF STEEL CONSTRUCTION, NINTH EDITION. THE LENGTH OF CONNECTION ANGLES SHALL NOT BE LESS THAN ONE-HALF OF THE T DISTANCE OF THE BEAM WEB.
- HORIZONTAL WALL AND FOOTING REINFORCEMENT TO LAP AROUND CORNERS AND AT WALL INTERSECTIONS, CORNER BARS SHALL BE PROVIDED TO MATCH HORIZONTAL REINFORCEMENT. LAP BARS 30 BAR DIAMETERS (1'-0" MIN.).
- THE DETAILING, BENDING AND PLACEMENT OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ACI STANDARD 318-83 BUILDING CODE AND THE CRSI SPECIFICATION.
- ALL CONCRETE SLABS ON GRADE SHALL BE 4" THICK ON 4" MIN. COMPACTED GRAVEL BASE HAVE TEMPERATURE REINFORCEMENT CONSISTING OF ONE LAYER 6"x6" W2.9xW2.9 WELDED WIRE FABRIC. WIRE FABRIC MUST LAP ONE FULL MESH AT SIDE AND END LAPS AND BE WIRED TOGETHER. INTERIOR SLABS SHALL BE PLACED ON MIN. 6 MIL VAPOR BARRIER.
- PROVIDE 1/2" EXPANSION JOINT MATERIAL BETWEEN ALL CONCRETE SLABS AND ADJUTING CONCRETE OR MASONRY WALLS OCCURRING IN EXTERIOR OR UNHEATED SPACES.
- PROVIDE SAW-CUT JOINTS AS REQUIRED IN ALL NEW SLABS. MAXIMUM PANEL SIZE 500 SF.
- WATERPROOF FOUNDATION WALLS OF EXCAVATED AREAS WITH ASPHALTIC BASE WATERPROOFING. PROVIDE SUPPLIER TO COORDINATE AND VERIFY ALL WIRING, CONNECTIONS AND LOCATIONS OF EXISTING PUSH BUTTON OPERATORS AND ELECTRIC STRIKES IN THE FIELD. COORDINATE WITH OWNER. TYP. OF 2
- ALL CONCRETE FOUNDATION WALLS SHALL BE 8" THICK UNLESS OTHERWISE NOTED (6 BAG MIXTURE WITH 6% (+/-) AIR ENTRAINMENT (EXTERIOR ONLY)).
 - E.C. TO COORDINATE AND VERIFY ALL WIRING, CONNECTIONS AND LOCATIONS OF EXISTING PUSH BUTTON OPERATORS AND ELECTRIC STRIKES IN THE FIELD. COORDINATE WITH OWNER. TYP. OF 2

DESIGN LOADS:

FLOOR LIVE LOAD (TABLE 1607.1) = 100 P.S.F. DEAD LOAD = 20 P.S.F.
 WIND LOAD (SECTION 1603.1.4) DEAD LOAD = 20 P.S.F.
 BASIC WIND SPEED (FIGURE 1609) = 90 MPH
 WIND IMPORTANCE FACTOR (TABLE 1604.5) (Lw) = 1.0
 WIND EXPOSURE CATEGORY (SECTION 1609.4) EXPOSURE (C)
 EARTHQUAKE DESIGN DATA (SECTION 1613) SEISMIC USE GROUP = GROUP 1
 SPECTRAL RESPONSE ACCELERATIONS SS = 0.175
 SI = 0.051
 SITE CLASS (TABLE 1613.5.2) = C (ASSUMED)
 BASIC SEISMIC FORCE - RESISTING SYSTEM (TABLE 1617.6) TYPE 2T BUILDING FRAME SYSTEM
 RESPONSE MODIFICATION FACTOR = 6.5
 DEFLECTION AMPLIFICATION FACTOR = 4.5
 FLOOD LOAD (SECTION 1612) NOT APPLICABLE
 PRESUMPTIVE SOIL BEARING CAPACITY (SECTION 1804) = 3000 PSF



NO.	REVISIONS

POULOS + SCHMID
 DESIGN GROUP
 ARCHITECTURE
 ENGINEERING
 MANAGEMENT

WWW.POULOSARCHITECTS.COM

TITLE: FLOOR PLANS, ELEVATIONS, SECTIONS, DETAILS / NOTES
 FRONT ENTRANCE RENOVATION:
 THE LORAIN COUNTY
 JUVENILE DETENTION HOME
 9967 S. MURRAY RIDGE RD., ELYRIA, OHIO

CONCEPTUAL DRAWINGS ONLY NOT FOR CONSTRUCTION

DATE: JULY 23, 2014
 PROJ. NO. 4613
 SHEET
A1.0

