

GENERAL ARCHITECTURAL NOTES

- GOVERNING CODE - OHIO BUILDING CODE 2017.
- THIS IS A 'BUILDERS SET' OF DRAWINGS. THE ARCHITECT'S RESPONSIBILITY IS LIMITED TO THE ITEMS SHOWN ON THE ARCHITECTURAL DRAWINGS. OBTAIN ARCHITECTS SPECIFIC APPROVAL PRIOR TO DEVIATING FROM THE DRAWINGS. IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO COMPLY WITH STANDARD BUILDING AND CONSTRUCTION PRACTICES AND AND MANUFACTURERS RECOMMENDATIONS FOR ALL ITEMS NOT SPECIFICALLY INDICATED AND DETAILED ON THE DRAWINGS. FOLLOW THE BEST TRADE PRACTICES AND ENGINEERING FOR THE ITEMS NOT SPECIFICALLY DETAILED AND INDICATED.
- DIMENSIONS SHOWN ARE FROM FACE OF MASONRY OR TO FACE OF STUD, UNLESS NOTED OTHERWISE.
- DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED AT THE JOB SITE BY THE GENERAL CONTRACTOR AND EACH SUBCONTRACTOR. THE ARCHITECT MUST BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK.
- THESE DOCUMENTS WERE PREPARED ON THE BASIS OF EXAMINATION OF VISIBLE PORTIONS OF THE EXISTING STRUCTURE. THE ARCHITECTS/ ENGINEERS ASSUME NO RESPONSIBILITY FOR ANY SITUATIONS, DIMENSIONS, OR OTHER CONDITIONS OF THE EXISTING STRUCTURE WHICH MAY ARISE DURING DEMOLITION OR CONSTRUCTION.
- SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE DRAWINGS CONFLICT WITH THESE NOTES, STRUCTURAL NOTES, THE SPECIFICATIONS, OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.
- THE GENERAL CONTRACTOR SHALL COMPLY WITH ALL BUILDING CODE REQUIREMENTS THE LOCAL GOVERNING AUTHORITY, AND SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS, FEES, AND INSPECTIONS, WITH THE EXCEPTION OF FEES REQUIRED FOR THE PLUMBING, HVAC, AND ELECTRICAL PORTIONS OF THE WORK, WHICH ARE THE RESPONSIBILITY OF THE RESPECTIVE SUBCONTRACTORS.
- IT IS SOLELY THE CONTRACTORS RESPONSIBILITY TO FOLLOW THE APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
- PERFORM DEMOLITION AS INDICATED ON PLANS AND DETAILS AND AS REQUIRED FOR THE COMPLETION OF THE PROJECT AS INDICATED. SCHEDULE AND PERFORM DEMOLITION PROCEDURES TAKING NECESSARY PRECAUTIONS TO PREVENT WATER DAMAGE TO THE EXISTING STRUCTURE.
- DO NOT CUT OR PATCH ANY WORK THAT WILL IMPAIR THE STRUCTURAL LOAD CARRYING CAPACITY OR REDUCE THE LOAD/DEFLECTION RATIO.
- PROVIDE ADEQUATE TEMPORARY SUPPORT AND SHORING FOR WORK BEING CUT AND PATCHED TO PREVENT FAILURE. PROVIDE ADEQUATE PROTECTION OF OTHER WORK DURING CUTTING AND PATCHING TO PREVENT DAMAGE. CUT WORK BY METHOD LEAST LIKELY TO DAMAGE RETAINED AND ADJOINING WORK.
- CUTTING INTO NEW WORK OF OTHER TRADES OR INTO THE EXISTING STRUCTURE SHALL BE PERFORMED BY THE TRADE REQUIRING THE CUTTING. ALL CUTTING SHALL BE DONE IN A NEAT MANNER USING SAWS WHERE POSSIBLE. ANY DAMAGE TO THE WORK OF THE OTHER TRADES OR TO THE EXISTING STRUCTURE IN EXCESS OF THE CUTTING REQUIRED, WHICH, IN THE OPINION OF THE ARCHITECT, IS DUE TO NEGLIGENCE, SHALL BE REPAIRED AT THE EXPENSE OF THE TRADE WHO DID THE CUTTING. ALL PATCHING AND PAINTING AS A RESULT OF THE CUTTING AND NOT TO THE NEGLIGENCE ACTION SHALL BE DONE BY THE CONTRACTOR AT HIS EXPENSE.
- IN ANY ROOM IN WHICH PLUMBING, HEATING, OR ELECTRICAL ALTERATIONS ARE MADE, THE CONTRACTOR REQUIRING CUTTING INTO EXISTING WORK SHALL MAKE PROPER REPAIRS TO OTHER BUILDING ITEMS AFFECTED (I.E., FLOORS, WALLS, CEILINGS, BASE, CHAIR RAIL, TRIM ETC.).
- ALL CONNECTIONS ARE TO DEVELOP THE FULL STRENGTH OF THE FRAMING MEMBERS, UNLESS OTHERWISE APPROVED.
- BOLTING OF WOOD TO STRUCTURAL MEMBERS OR MASONRY SHALL BE IN GENERAL WITH A MINIMUM OF 1/2" DIA. ANCHOR BOLTS AT 4'-0" O.C. EXCEPT WHERE SHOWN OTHERWISE. SITUATIONS REQUIRING SPECIAL BOLTING SHALL BE WITH THE SIZE AND SPACING OF BOLTS TO SUIT THE CONDITIONS. ANCHORING OF WOOD TO STRUCTURAL MEMBERS, OR CONCRETE SHALL BE, IN GENERAL, WITH STRAP ANCHORS FIXED IN PLACE WITH EXPANSION ANCHORS OR POWER DRIVEN ANCHORS.
- PROVIDE LINTELS OR HEADERS OVER ALL OPENINGS INCLUDING THOSE REQUIRED FOR DUCTWORK, PIPES, LOUVERS, GRILLES, DAMPERS, ETC.
- FILL ANY MASONRY VOIDS WITH MORTAR OR CONCRETE WHERE ANCHORS OCCUR.
- THE COURSING OF ALL MASONRY IS TO MATCH THAT IN THE EXISTING BUILDING. THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND PROFILES OF STONE AT THE SITE.
- EQUIPMENT FRAMING LOADS, OPENINGS AND STRUCTURE IN ANY WAY RELATED TO HVAC, PLUMBING, OR ELECTRICAL REQUIREMENTS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTORS SHALL OBTAIN APPROVAL OF THE TRADES INVOLVED BEFORE PROCEEDING WITH SUCH PORTION OF THE WORK. EXCESS COST RELATED TO VARIATION IN THESE REQUIREMENTS ARE TO BE BOREN BY THE APPROPRIATE CONTRACTOR.
- ALL EQUIPMENT FURNISHED AND WORK PERFORMED UNDER THE CONTRACT DOCUMENTS SHALL BE GUARANTEED AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE. ANY FAILURE OF EQUIPMENT OR WORK DUE TO DEFECTS IN MATERIAL OR WORKMANSHIP SHALL BE CORRECTED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- ALL CONCRETE CURBS AND EQUIPMENT PADS SHALL BE FURNISHED BY THE GENERAL CONTRACTOR AND SIZED AND LOCATED BY THE CONTRACTOR INSTALLING THE EQUIPMENT, UNLESS NOTED OTHERWISE.
- SIZE AND LOCATION OF ALL FLOOR AND ROOF OPENINGS ARE TO BE VERIFIED WITH THE TRADE AFFECTED BEFORE PROCEEDING WITH THE WORK.
- COORDINATE LOCATIONS AND/OR ELEVATIONS OF FLOOR DRAINS, REGISTERS, ACCESS PANELS, GRILLS, LOUVERS, CONNECTORS, CABINET UNIT HEATERS, PANELS, ETC., WITH MECHANICAL AND ELECTRICAL CONTRACTORS.
- IN GENERAL, NEW MATERIALS AND MATERIALS FOR REPAIR CONDITIONS SHALL MATCH SIMILAR ITEMS IN QUALITY, DETAIL, PROFILE, AND FINISH AS THOSE ALREADY BUILT INTO THE WORK.
- PATCH ALL WALLS, FLOORS, AND CEILINGS AND PROPERLY PREPARE ALL SURFACES FOR NEW FINISHES. PATCH WITH SEAMS WHICH ARE DURABLE AND AS INVISIBLE AS POSSIBLE. COMPLY WITH SPECIFIED TOLERANCES FOR THE TYPE OF WORK BEING DONE. RESTORE EXPOSED FINISHES OF PATCHED AREAS AND, WHERE NECESSARY, EXTEND NEW FINISH RESTORATION ONTO ADJOINING RETAINED WORK IN A MANNER WHICH WILL ELIMINATE EVIDENCE OF PATCHING.
- CONSTRUCTION JOINTS ARE PERMITTED ONLY WHERE SHOWN OR AS APPROVED BY THE ARCHITECT.
- BENCH MARK: NEW FINISH FLOOR ELEVATIONS 100'-0" TO MATCH EXISTING BUILDING ELEVATION UNLESS NOTED OTHERWISE.

Final Development Plan

All 'R' Friends

at

Emerald Pkwy/Parkwood Pl

ARCHITECT:



DARIN RANKER ARCHITECTS
+ INTERIOR DESIGNERS
5925 Wilcox Place Suite E, Dublin, Ohio 43016,
Ph. 614-792-1002, Fax 614-792-1001

CIVIL:



BUILDING CODE DATA

USE GROUP - B
CONSTRUCTION TYPE - VB
NON-SPRINKLED
OCCUPANCY - OFFICE WITH ANCILLARY- VOCATIONAL TRAINING & SOCIAL SERVICES FOR ADULTS WITH DISABILITIES

ALLOWABLE BUILDING AREA= 9,000 SQ. FT.
ACTUAL BUILDING AREA= 8,198 SQ. FT.

CALCULATED OCCUPANT LOAD= 82 PERSONS

EXITS REQUIRED= 2
EXITS PROVIDED= 4

FIRE RESISTANCE RATINGS
PRIMARY STRUCTURAL FRAME = 0 HOURS
BEARING WALLS = 0 HOURS
NON-BEARING WALLS = 0 HOURS
ROOF CONSTRUCTION = 0 HOURS

ALL DRAWINGS IN THIS SUBMITTAL HAVE BEEN PREPARED UNDER THE 2017 EDITION OF THE OHIO BUILDING CODE, OMC,OPC AND IN ACCORDANCE WITH ICC/ANSI A117.1 AND THE 2017 NEC.

EMERGENCY POWER FOR EXIT SIGNS AND EMERGENCY EGRESS LIGHTING IS PROVIDED THROUGH A BATTERY BACK-UP WIRED AHEAD OF ANY LOCAL SWITCHING.

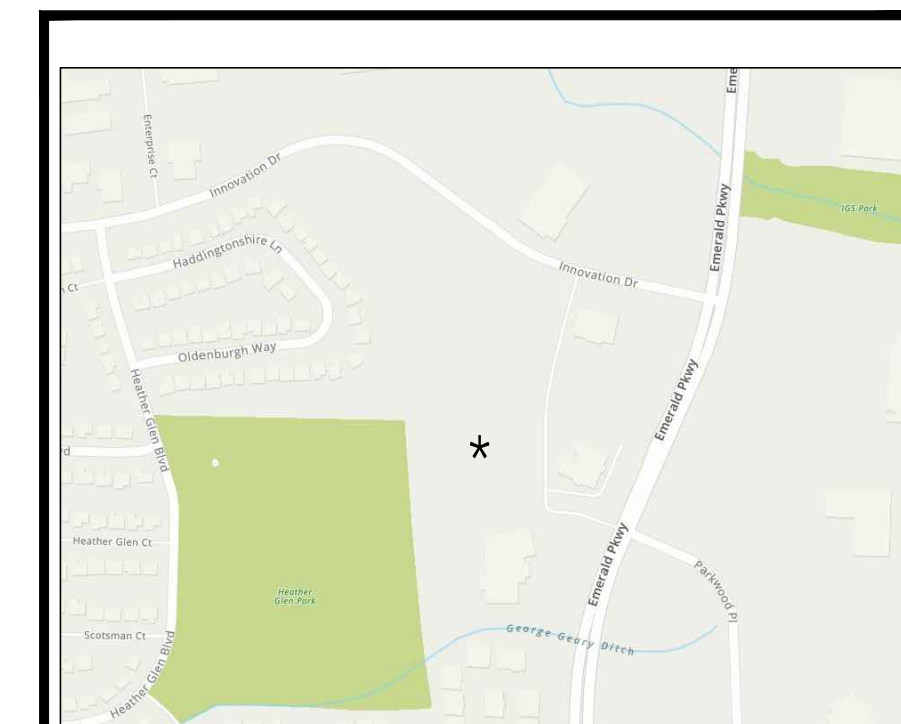
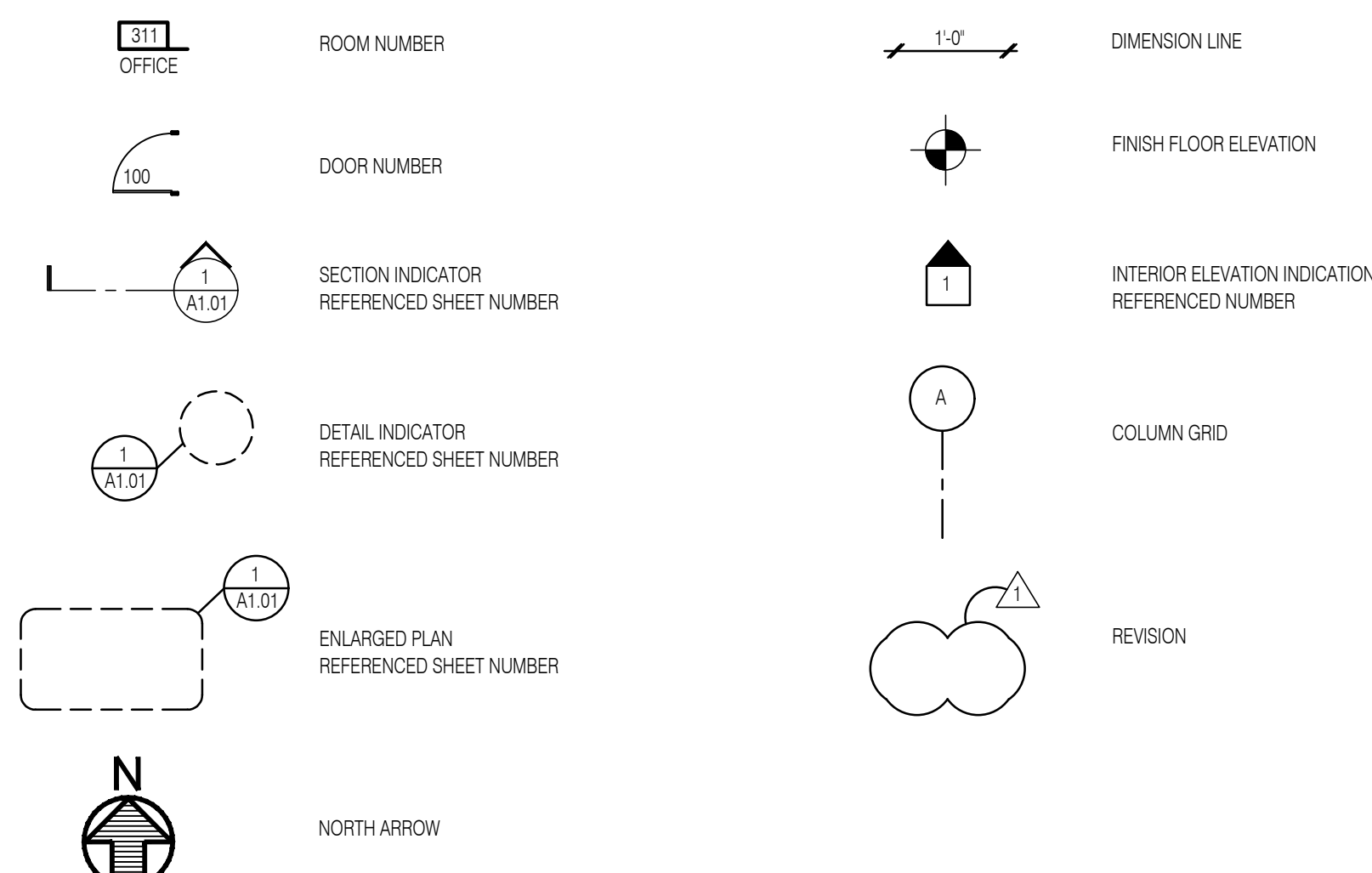
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- A2.02 EXTERIOR RENDERINGS
- E001 SITE LIGHTING PLAN
- E002 SITE PHOTOMETRIC PLAN

ABBREVIATIONS

AFF ABOVE FINISH FLOOR	EWC ELECTRIC WATER COOLER	MFR MANUFACTURE (R)	REV REVISION (S), REVISED
ACT ACOUSTICAL CEILING TILE	EL ELEVATION	MAR MARBLE	ROW RIGHT OF WAY
ADJ ADJACENT	EQ EQUAL	MAS MASONRY	RD ROOF DRAIN
A/C AIR CONDITIONING	EXIST EXISTING	MO MASONRY OPENING	RM ROOM
ALT ALTERNATE	EB EXPANSION BOLT	MAX MAXIMUM	RO ROUGH OPENING
ALUM ALUMINUM	EXP EXPOSED	MECH MECHANIC (AL)	SCH SCHEDULE
AB ANCHOR BOLT	EXT EXTERIOR	MTL METAL	SEC SECTION
ANOD ANODIZED	FOC FACE OF CONCRETE	M METER (S)	SHF SHEET
ASPH ASPHALT	FOM FACE OF MASONRY	MM MILLIMETER (S)	SM SIMILAR
BRG BEARING	FOS FACE OF STUDS	MN MINIMUM	SC SOLID CORE
BPL BEARING PLATE	FN FINISH (ED)	MI MIRROR IMAGE	S SOUTH
BM BENCH MARK	FE FIRE EXTINGUISHER	M/D MOLDING, MOULDING	SPEC SPECIFICATION (S)
BIT BITUMINOUS	FEC FIRE EXTINGUISHER CABINET	MT MOUNT (ED), (ING)	SQ SQUARE
BLKG BLOCKING	FLR FLOOR (ING)	NRC NOISE REDUCTION COEFFICIENT	SS STAINLESS STEEL
BD BOARD	FD FLOOR DRAIN	NOM NOMINAL	STD STANDARD
BOT BOTTOM	FTG FOOTER	N NORTH	STL STEEL
BLDG BUILDING	FRD FOUNDATION	NC NOT IN CONTRACT	SD STORM DRAIN
CAB CABINET	FR FRAME (D), (ING)	NTS NOT TO SCALE	SUSP SUSPENDED
CB CATCH BASIN	FUR FURRED (ING)	OC ON CENTER (S)	SYM SYMMETRY (ICAL)
CLG CEILING	GA GAGE GAUGE	OPCI OWNER FURNISHED)	TEL TELEPHONE
CEM CEMENT	GL GLASS, GLAZING	OPCI CONTRACTOR INSTALLED	TEMP TEMPERED
CM CENTIMETER (S)	GB GRAB BAR	OFOI OWNER FURNISHED)	TFTI TENANT FURNISHED
CT CERAMIC TILE	HDW HARDWARE	OFOI OWNER INSTALLED	TENANT INSTALLED
COL COLUMN	HTG HEATING	OPG OPENING	TV TELEVISION
CONC CONCRETE	HVAC HEATING/VENTILATION/	OPP OPPOSITE	THK THICK
CONC CONCRETE MASONRY UNIT	CONC CONCRETE MASONRY UNIT	OPH OPPOSITE HAND	TAG TAG
CONST CONSTRUCTION	HT HEIGHT	OD OUTSIDE DIAMETER	TSL TOP OF SLAB
CONT CONTINUOUS OR CONTINUE	HC HOLLOW CORE	OH OVERHEAD	TST TOP OF STEEL
CONTR CONTRACT (OR)	HM HOLLOW METAL	PNL PANEL	TW TOP OF WALL
CTL CONTROL JOINT	HOR HORIZONTAL	PTN PARTITION	TB TOWER BAR
CORR CORRUGATED	HB HOSE BIB	PMT PAVEMENT	TYP TYPICAL
CRS COURSE (S)	HWH HOT WATER HEATER	PLAM PLASTIC LAMINATE	UNO UNLESS NOTED OTHERWISE
CFT CUBIC FOOT	ID INSIDE DIAMETER	PL PLATE	UR URINAL
CYD CUBIC YARD	INT INTERIOR	PLYD PLYWOOD	VB VAPOR BARRIER
DL DEAD LOAD	INV INVERT	PVC POLYVINYL CHLORIDE	VERT VERTICAL
DTL DETAIL	JT JOINT	PCF POUNDS PER CUBIC FOOT	VB VINYL BASE
DM DIMENSION	LAB LABORATORY	PPL POUNDS PER LINEAL FOOT	VCT VINYL COMPOSITE TILE
DN DIVISION	LAD LAG BOLT	PSF POUNDS PER SQUARE FOOT	WC WATER CLOSET
DR DOOR	LAM LAMINATE (D)	PSI POUNDS PER SQUARE INCH	WP WATER PROOF (ING)
DS DOWN SPOUT	LAV LAVATORY	PL PROPERTY LINE	WWF WELDED WIRE FABRIC
DW DRYWALL	LH LEFT HAND	RA RETURN AIR	W WEST
DWG DRAWING	LL LINE LOAD	RAD RADIUS	W WIDTH
E EAST	MAT MATERIAL (S)	REF REFRIGERATOR	WO WITHOUT
ELEC ELECTRIC	MH MANHOLE	RET RETURN	WO WOOD

SYMBOLS



SITE LOCATION MAP

DARIN RANKER ARCHITECTS
+ INTERIOR DESIGNERS
5925 Wilcox Place, Suite E, Dublin, OH 43016
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adm@dairnranker.com



Final Development Plan
All 'R' Friends- Dublin
Emerald Pkwy/Parkwood Pl
Dublin, Ohio

DRA Proj. No.: 20-285
Drawn by: JAD/SEW
Checked By: CSJ
Date: 02-18-21
Revisions

GO.01



BENCHMARKS

BM #1
MONUMENT AT THE SOUTHEAST CORNER OF EMERALD PARKWAY AND PARKWOOD PLACE, 49.94 FEET WEST OF THE CENTERLINE OF THE EMERALD PARKWAY SOUTHBOUND LANES, 6.48 FEET NORTH OF THE BACK OF CURB OF PARKWOOD PLACE.
ELEVATION = 900.19

BM #2
MONUMENT ON THE NORTHEAST CORNER OF THE SITE, 25.4 FEET NORTH OF THE END OF THE EXISTING CONCRETE DRIVE.
ELEVATION = 901.23

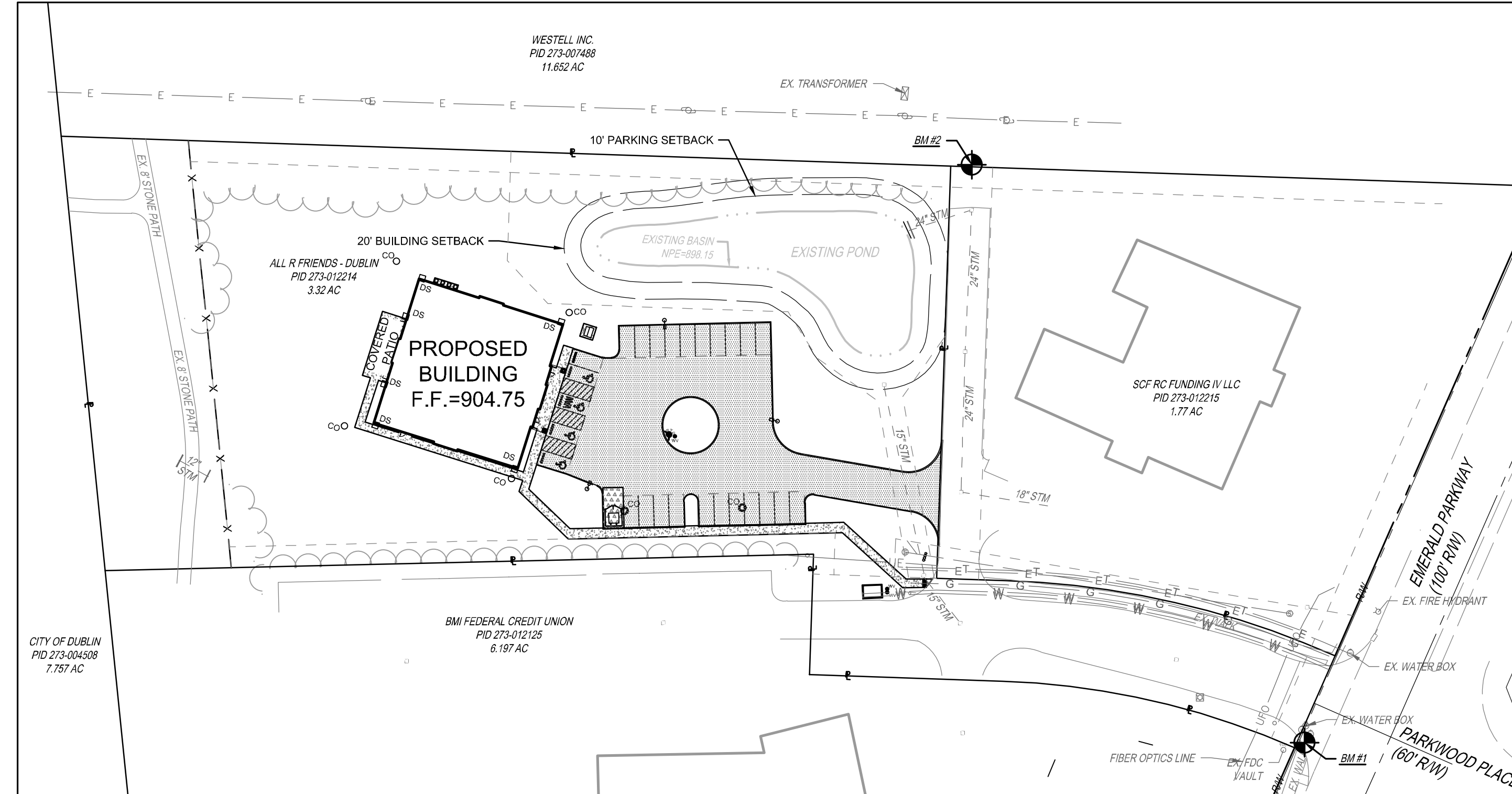
SURVEY NOTES

1.) BEARINGS ARE BASED ON THE STATE PLANE COORDINATE SYSTEM, (OSPC), OHIO SOUTH ZONE, BASED ON A GPS SURVEY UTILIZING CORS STATION "COLB" AND MONUMENT "3E". THE PROJECT COORDINATES ARE BASED ON OSPC AND HAVE BEEN SCALED TO GROUND BY USING A PROJECT ADJUSTMENT FACTOR OF 1.0000228059 APPLIED AT BASE POINT N 764,900.00 E 1,793,500.00. GRID AND GROUND COORDINATES ARE IDENTICAL AT THE BASE POINT.

ALL R FRIENDS - DUBLIN

DUBLIN, OHIO 43017

PID: 273-012214



INDEX MAP
1"=60'

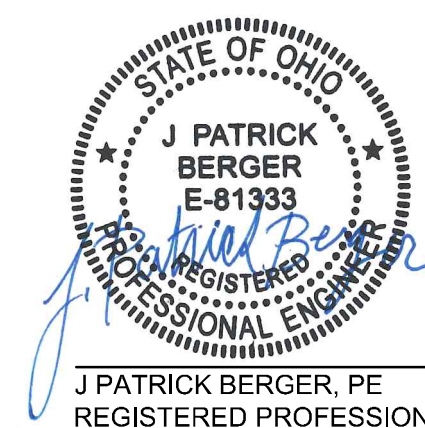


PROJECT DESCRIPTION

THIS PROJECT WILL BE LOCATED JUST WEST OF THE EMERALD PARKWAY AND PARKWOOD PLACE INTERSECTION. THE PROJECT WILL INCLUDE THE CONSTRUCTION OF A 8,160 SF BUILDING (FUNCTIONING AS ADMINISTRATIVE OFFICES WITH ANCILLARY VOCATIONAL TRAINING), ASSOCIATED PARKING LOT, DRIVE AISLES AND STORMWATER IMPROVEMENTS.

STANDARD DRAWINGS

CITY OF COLUMBUS	CITY OF DUBLIN
AA-S133A	PD-03
AA-S139	ST-01
AA-S141	ST-05
AA-S149	WA-01
AA-S150	
AA-S161	
AA-S169	



J PATRICK BERGER, PE
REGISTERED PROFESSIONAL ENGINEER No. 81333

04-23-2021
DATE

ENGINEER

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OWNER

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ARCHITECT

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INDEX OF SHEETS

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SITE DEVELOPMENT DATA

EXISTING USE: UNDERDEVELOPED
PROPOSED USE: COMMERCIAL
ZONING DISTRICT: PCD - PLANNED UNIT DEVELOPMENT

TOTAL LOT COVERAGE: 0.64 AC
TOTAL SITE AREA: 3.32 AC
SIDEWALK AREA: 0.08 AC
DUMPSTER AREA: 0.007 AC
*PAVEMENT AREA: 0.36 AC
BUILDING AREA: 0.19 AC (8,198 SF)
**TOTAL IMPERVIOUS AREA: 1.14 AC
OPEN SPACE AREA: 2.18 AC

FLOOD ZONE DESIGNATION: ZONE X
MAP 39049C0134K, 06/17/2008

APPROVALS

SIGNATURES BELOW SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSES AND GENERAL LOCATION OF THE PROJECT AND DOES NOT CONSTITUTE ASSURANCE TO OPERATE AS INTENDED. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE PROFESSIONAL CIVIL ENGINEER PREPARING THE PLANS.

APPROVED:

DIRECTOR OF ENGINEERING/CITY ENGINEER
CITY OF DUBLIN, OHIO
PAUL A. HAMMERSMITH, P.E.

DIRECTOR OF PLANNING
CITY OF DUBLIN, OHIO
JENNIFER M. RAUCH, AICP



CIVIL ENGINEERING | www.kleingers.com
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Westerville, OH 43082
614.882.4311

SEAL:

NO. DATE DESCRIPTION

ALL R FRIENDS
DUBLIN, OHIO

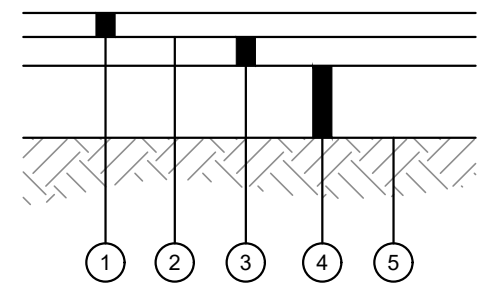
PROJECT NO: 200915.000
DATE: 04-23-2021

SHEET NAME:

TITLE SHEET

SHEET NO.

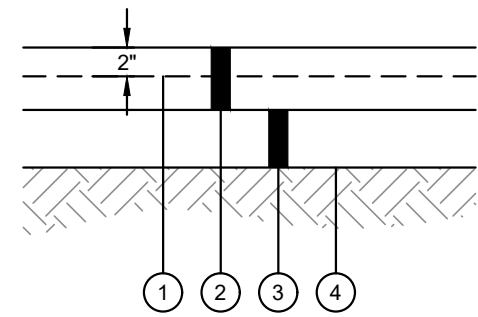
C100



- 1 1 1/2" ODOT ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22
- 2 COC ITEM 407 TACK COAT, APPLY IF TIME BETWEEN ASPHALT LIFTS EXCEEDS 30 DAYS
- 3 1 1/2" COC ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22
- 4 8" COC ITEM 304 AGGREGATE BASE
- 5 SUBGRADE COMPACTION, REFERENCE COC ITEM 204

STANDARD DUTY ASPHALT PAVEMENT DETAIL
N.T.S.

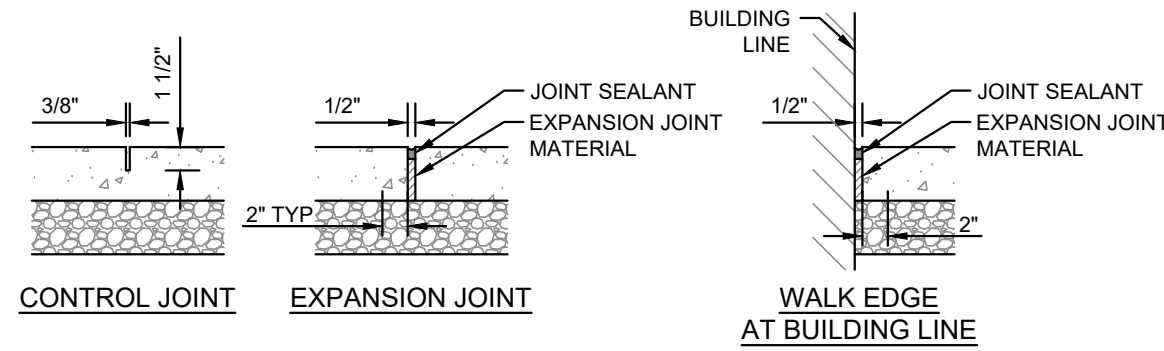
1
C102



- 1 6X6 W4XW4 WELDED WIRE REINFORCEMENT
- 2 8" COC ITEM 452 NONREINFORCED PORTLAND CEMENT CONCRETE PAVEMENT
- 3 4" COC ITEM 304 AGGREGATE BASE
- 4 SUBGRADE COMPACTION, REFERENCE COC ITEM 204

HEAVY DUTY CONCRETE PAVEMENT DETAIL
N.T.S.

2
C102



WALK TYPICAL SECTION

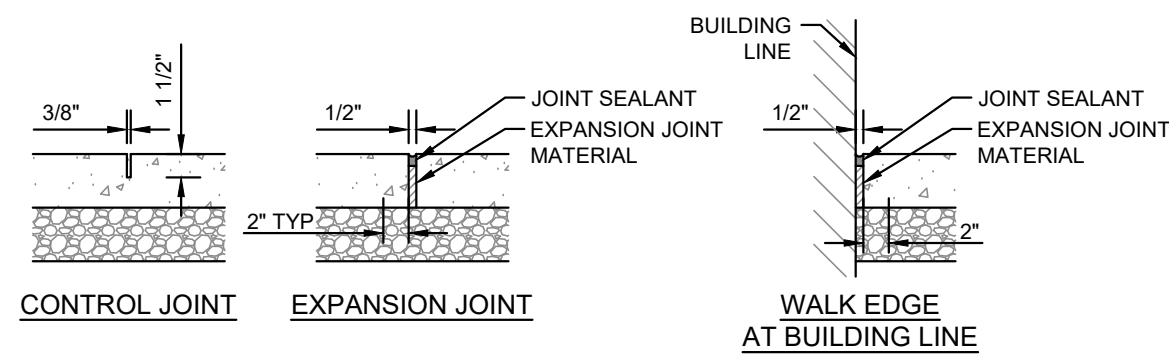
WALK EDGE AT LAWN AREA

NOTES:

1. INSTALL EXPANSION JOINTS AT 30' OC MAXIMUM AND WHERE SLAB ABUTS STRUCTURES. WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT. EXPANSION JOINTS SHALL BE 1/2" WIDE BY DEPTH OF SLAB. SEAL ALL EXPANSION JOINTS.
2. INSTALL CONTROL JOINTS AT 6' OC MAXIMUM. CONTROL JOINTS SHALL BE 3/8" WIDE BY 1 1/2" DEEP AND TOOLED, SAWED JOINTS ARE NOT PERMITTED.
3. WALK SHALL HAVE A MINIMUM CROSS SLOPE OF 1.00%, MAXIMUM CROSS SLOPE OF 2.00%.
4. WATER AND UTILITY BOXES IN THE WALK AREA SHALL BE ADJUSTED FLUSH WITH THE FINAL SURFACE.
5. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL DETAIL AT ALL BUILDING DOORS.
6. JOINTING PLANS MUST BE SUBMITTED FOR APPROVAL.

EXTERIOR CONCRETE SLAB WALK DETAIL
N.T.S.

3
C102



WALK TYPICAL SECTION

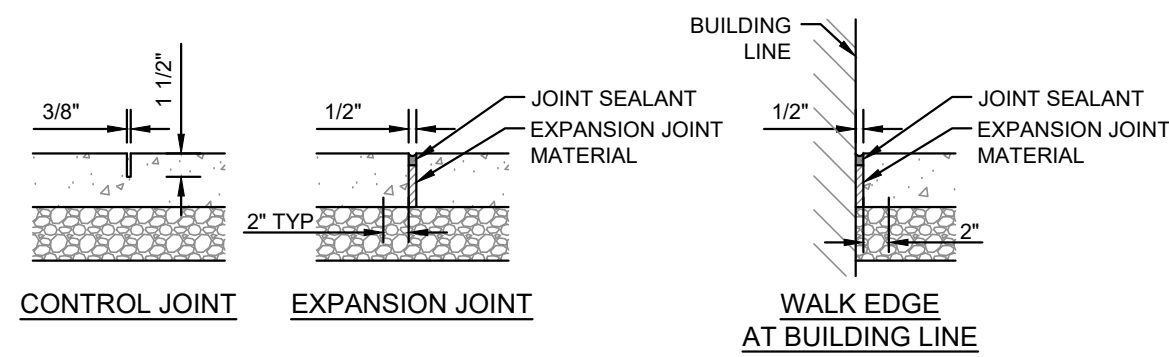
6" HIGH CURB AT PAVEMENT EDGE

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EXTERIOR CONCRETE SLAB WALK WITH INTEGRAL CURB DETAIL
N.T.S.

4
C102



WALK TYPICAL SECTION

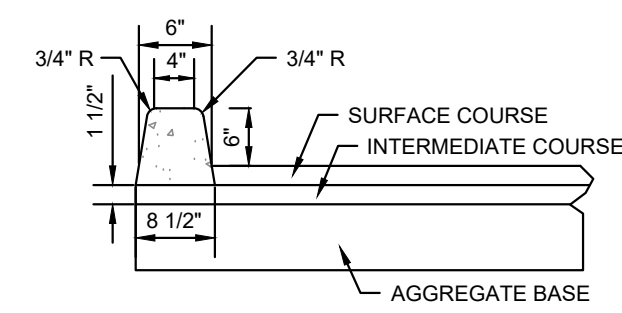
FLUSH CURB AT PAVEMENT EDGE

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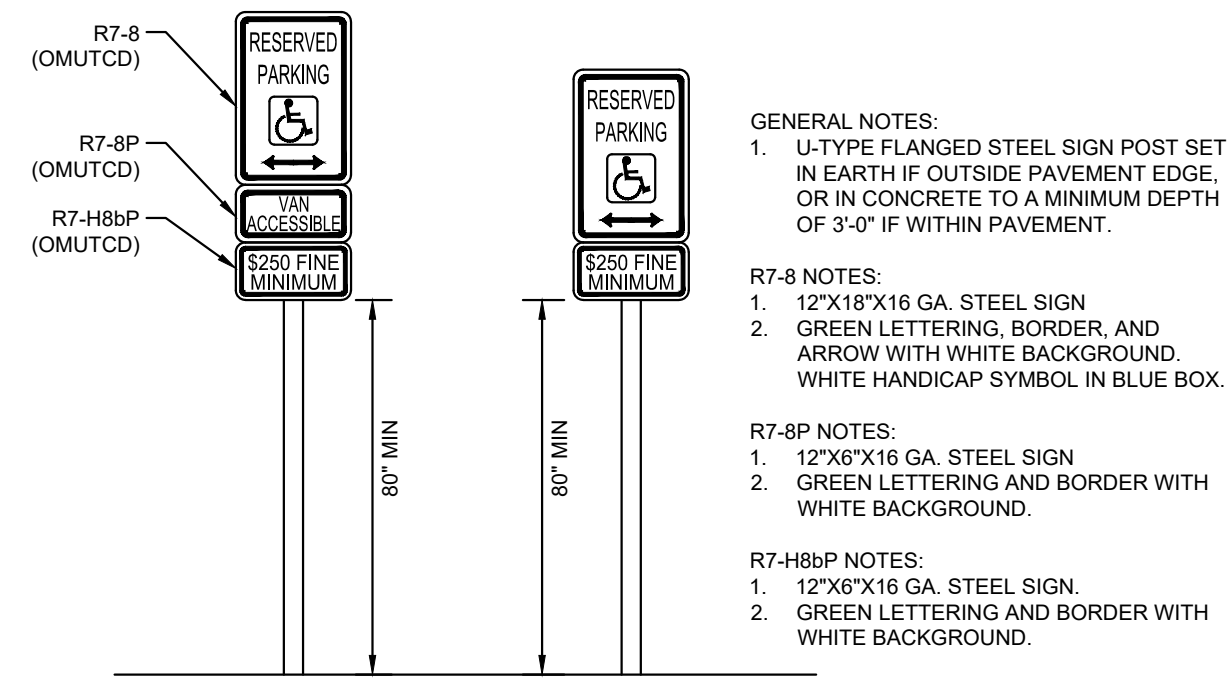
EXTERIOR CONCRETE SLAB WALK WITH FLUSH CURB DETAIL
N.T.S.

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C102



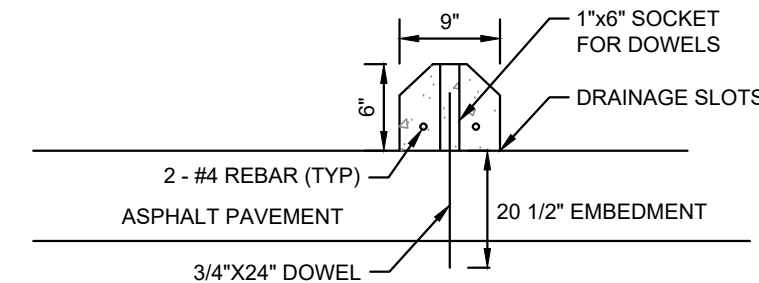
EXTRUDED CURB DETAIL
N.T.S.

6
C102



ACCESSIBLE PARKING SIGN DETAIL
N.T.S.

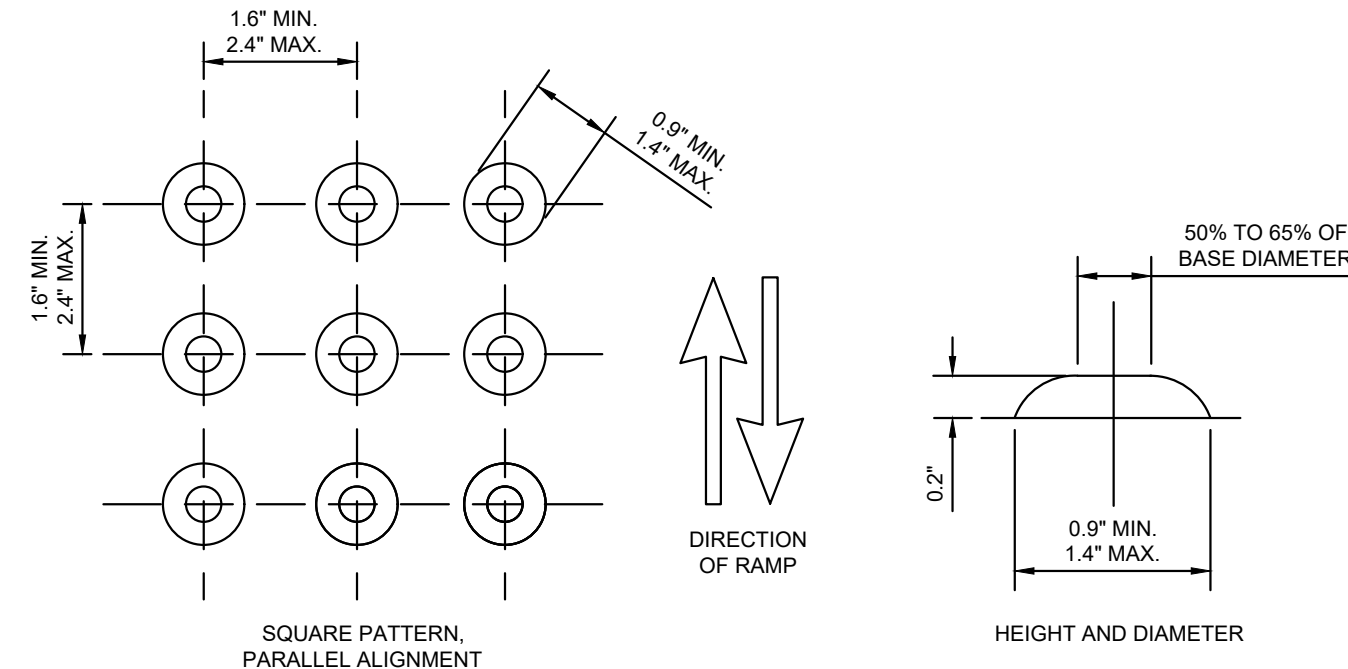
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C102



PRECAST CONCRETE WHEEL STOP DETAIL
N.T.S.

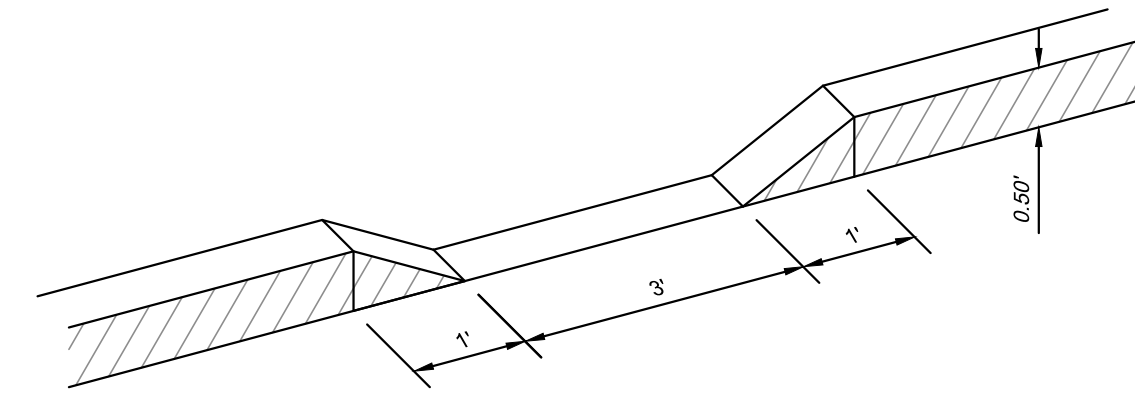
8
C102

- NOTES:
- GENERAL
1. DETECTABLE WARNINGS ARE A DISTINCTIVE SURFACE PATTERN OF TRUNCATED DOMES WHICH ARE DETECTABLE BY CANE OR UNDERFOOT TO ALERT PEOPLE WITH VISION IMPAIRMENTS OF THEIR APPROACH TO STREETS AND HAZARDOUS DROP-OFFS.
- PLACEMENT
2. DETECTABLE WARNINGS ARE TO BE INSTALLED AT ANY LOCATION WHERE PEDESTRIANS MIGHT CROSS PATHS WITH VEHICULAR TRAFFIC LANES, SUCH AS THE BASE OF CURB RAMPS OR AT BLENDED CURBS. A 24" STRIP OF DOMES IS TO BE INSTALLED FOR THE FULL WIDTH OF THE RAMP OR WALK.
 3. THE DEPTH OF CONCRETE UNDERNEATH DETECTABLE WARNING PRODUCTS SHALL BE A MINIMUM OF 4".
- PRODUCTS & COLORS
4. COLOR OF THE DETECTABLE WARNINGS SHOULD CONTRAST WITH SURROUNDING CONCRETE WALK AND RAMP. BLACK IS NOT AN ACCEPTABLE COLOR. APPROVED PRODUCTS AND GUIDANCE ON COLOR MAY BE FOUND ON THE ODOT OFFICE OF ROADWAY ENGINEERING SERVICE'S DETECTABLE WARNINGS APPROVED LIST. INSTALL PRODUCTS AS PER MANUFACTURER'S PRINTED INSTRUCTIONS.



DETECTABLE WARNINGS DETAIL
N.T.S.

9
C102



DRAINAGE CURB CUT DETAIL
N.T.S.

10
C102



CIVIL ENGINEERING SURVEYING LANDSCAPE ARCHITECTURE
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SEAL:	
NO. DATE DESCRIPTION	

ALL R FRIENDS
DUBLIN, OHIO

PROJECT NO: 200915.000
DATE: 02-18-2021

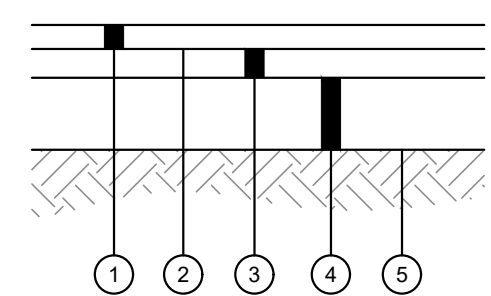
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SHEET NAME:

GENERAL DETAILS

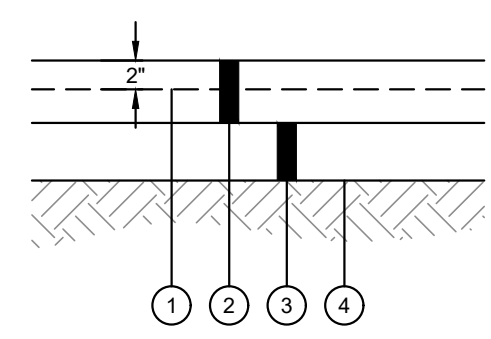
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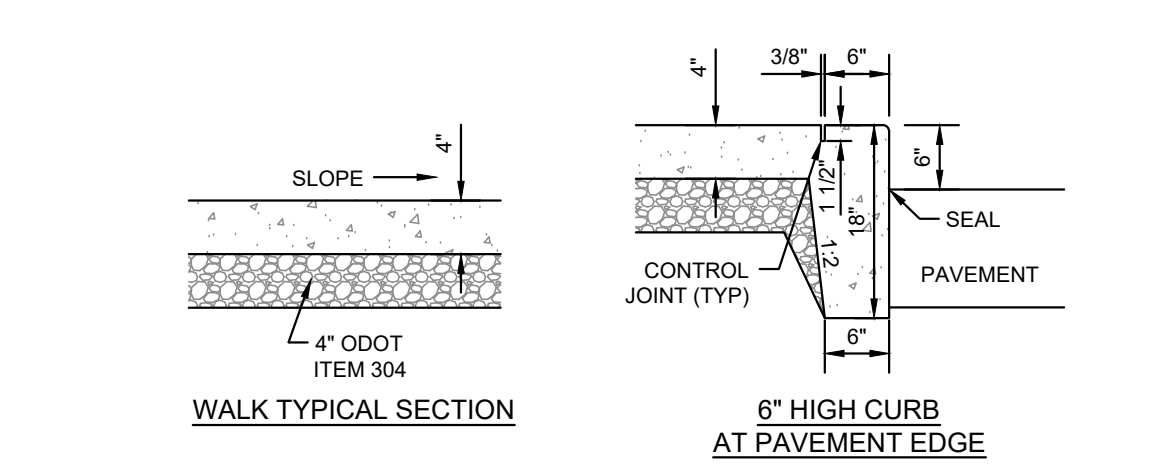
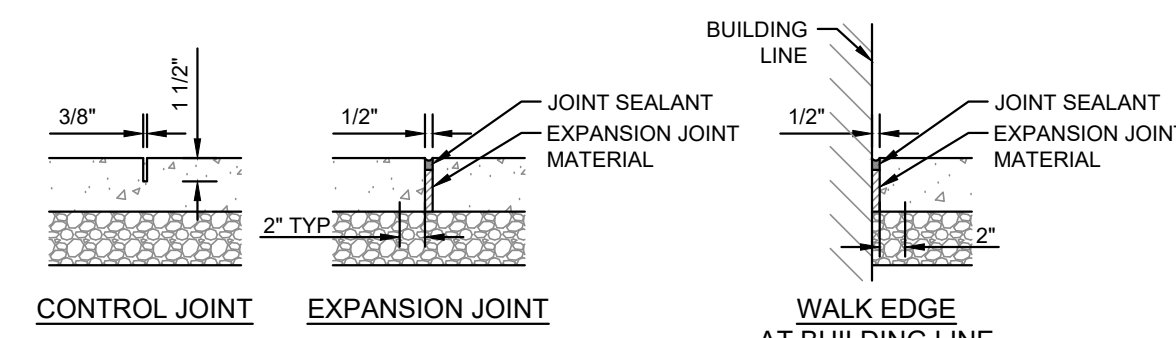
- 1 1 1/2" COC ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22
- 2 COC ITEM 407 TACK COAT, APPLY IF TIME BETWEEN ASPHALT LIFTS EXCEEDS 30 DAYS
- 3 1 1/2" COC ITEM 441 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22
- 4 8" COC ITEM 304 AGGREGATE BASE
- 5 SUBGRADE COMPACTION, REFERENCE COC ITEM 204

STANDARD DUTY ASPHALT PAVEMENT DETAIL
N.T.S.



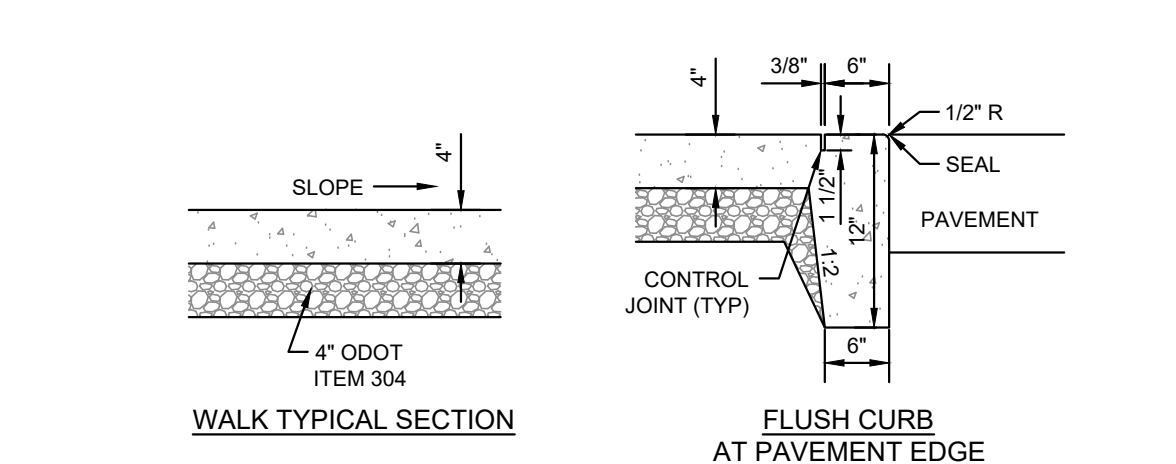
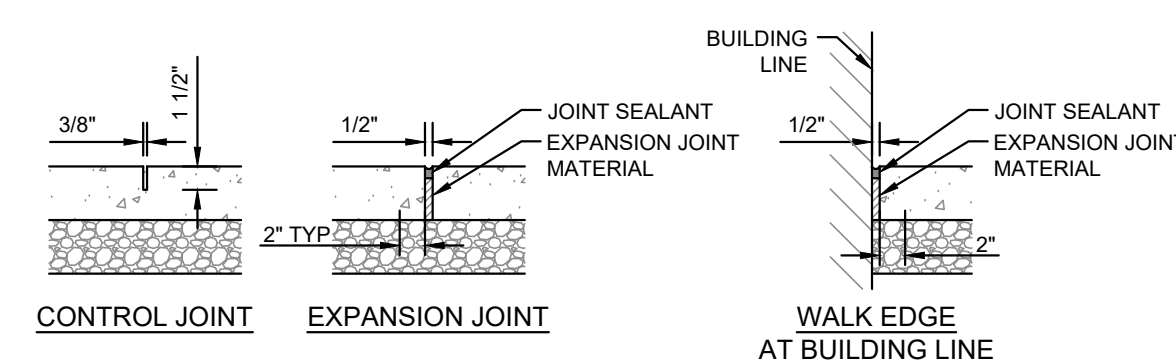
- 1 6X6 W4XW4 WELDED WIRE REINFORCEMENT
- 2 8" COC ITEM 452 NONREINFORCED PORTLAND CEMENT CONCRETE PAVEMENT
- 3 4" COC ITEM 304 AGGREGATE BASE
- 4 SUBGRADE COMPACTION, REFERENCE COC ITEM 204

HEAVY DUTY CONCRETE PAVEMENT DETAIL
N.T.S.



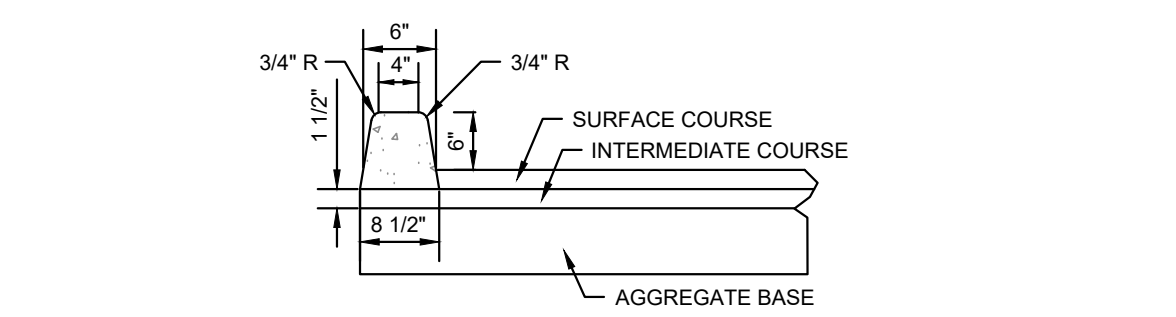
- NOTES:
1. INSTALL EXPANSION JOINTS AT 30' OC MAXIMUM AND WHERE SLAB ABUTS STRUCTURES. WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT. EXPANSION JOINTS SHALL BE 1/2" WIDE BY DEPTH OF SLAB. SEAL ALL EXPANSION JOINTS.
 2. INSTALL CONTROL JOINTS AT 6' OC MAXIMUM. CONTROL JOINTS SHALL BE 3/8" WIDE BY 1 1/2" DEEP AND TOOLED, SAWED JOINTS ARE NOT PERMITTED.
 3. WALK SHALL HAVE A MINIMUM CROSS SLOPE OF 1.00%, MAXIMUM CROSS SLOPE OF 2.00%.
 4. WATER AND UTILITY BOXES IN THE WALK AREA SHALL BE ADJUSTED FLUSH WITH THE FINAL SURFACE.
 5. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL DETAIL AT ALL BUILDING DOORS.
 6. JOINTING PLANS MUST BE SUBMITTED FOR APPROVAL.

EXTERIOR CONCRETE SLAB WALK WITH INTEGRAL CURB DETAIL
N.T.S.

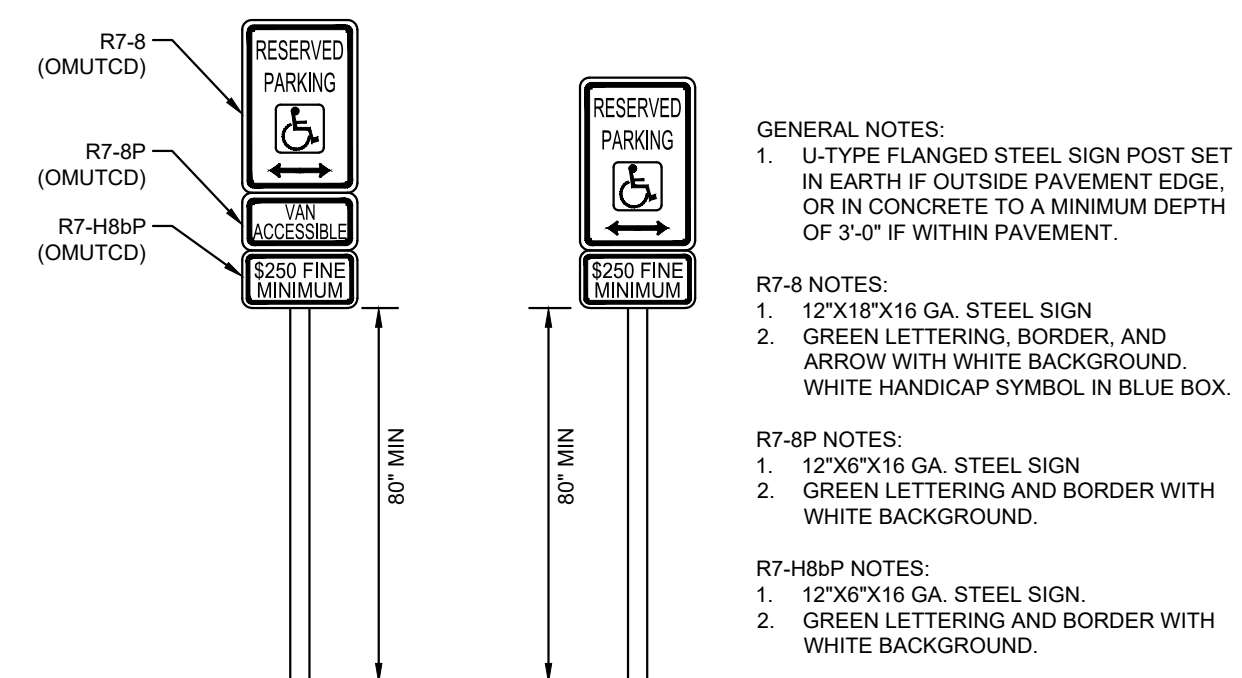


- NOTES:
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 6. JOINTING PLANS MUST BE SUBMITTED FOR APPROVAL.

EXTERIOR CONCRETE SLAB WALK WITH FLUSH CURB DETAIL
N.T.S.

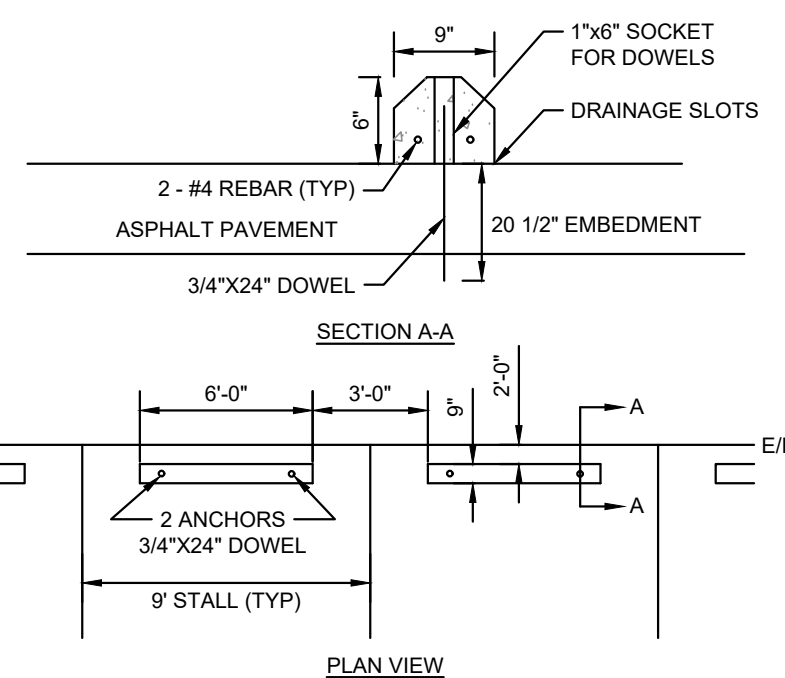


EXTRUDED CURB DETAIL
N.T.S.



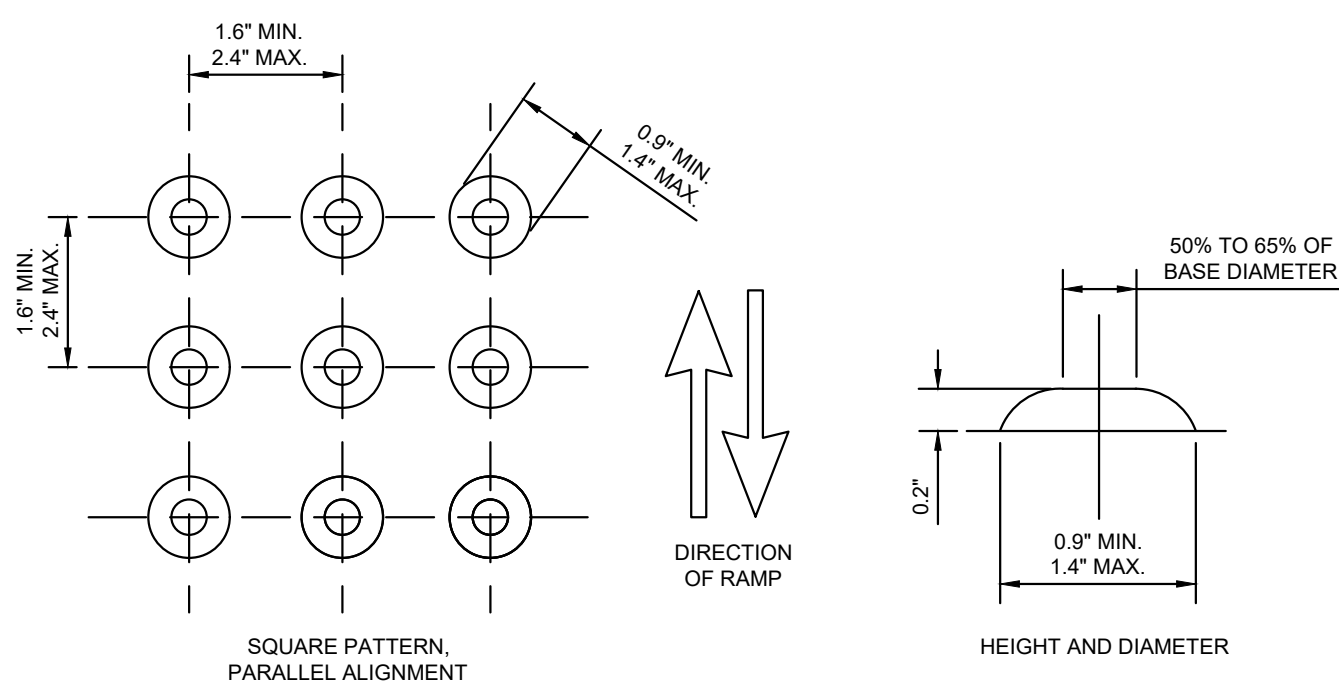
- GENERAL NOTES:
1. U-TYPE FLANGED STEEL SIGN POST SET IN EARTH IF OUTSIDE PAVEMENT EDGE OR IN CONCRETE TO A MINIMUM DEPTH OF 3'-0" IF WITHIN PAVEMENT.
- R7-8 NOTES:
1. 12"X18"X16 GA. STEEL SIGN
 2. GREEN LETTERING, BORDER, AND ARROW WITH WHITE BACKGROUND. WHITE HANDICAP SYMBOL IN BLUE BOX.
- R7-8P NOTES:
1. 12"X6"X16 GA. STEEL SIGN
 2. GREEN LETTERING AND BORDER WITH WHITE BACKGROUND.
- R7-H8BP NOTES:
1. 12"X6"X16 GA. STEEL SIGN
 2. GREEN LETTERING AND BORDER WITH WHITE BACKGROUND.
- NOTE:
1. ONE ACCESSIBLE PARKING SPACE FOR EVERY SIX OR FRACTION THERE OF SHALL BE DESIGNATED AS "VAN ACCESSIBLE". LOCATION AS NOTED ON THE DRAWINGS.
 2. ONE SIGN TO BE INSTALLED AT EACH ACCESSIBLE PARKING SPACE

ACCESSIBLE PARKING SIGN DETAIL
N.T.S.

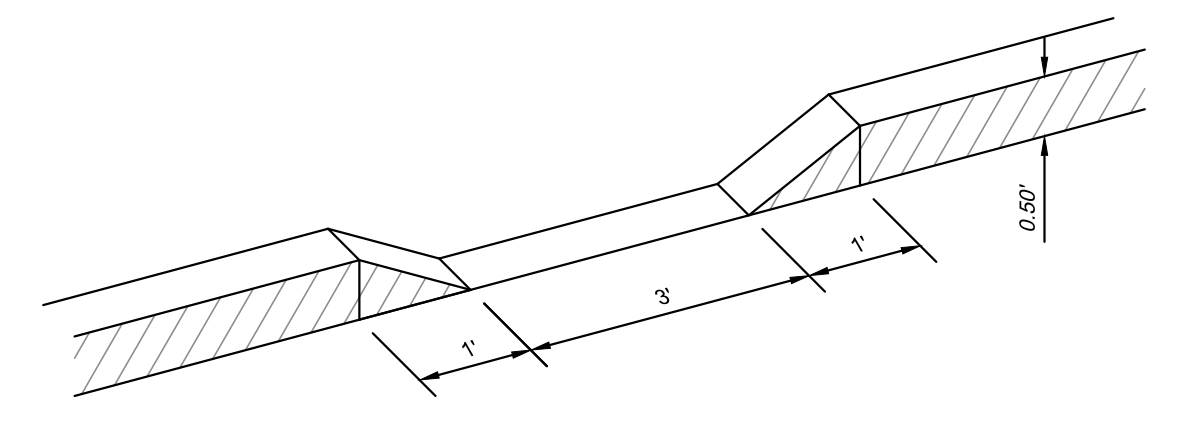


PRECAST CONCRETE WHEEL STOP DETAIL
N.T.S.

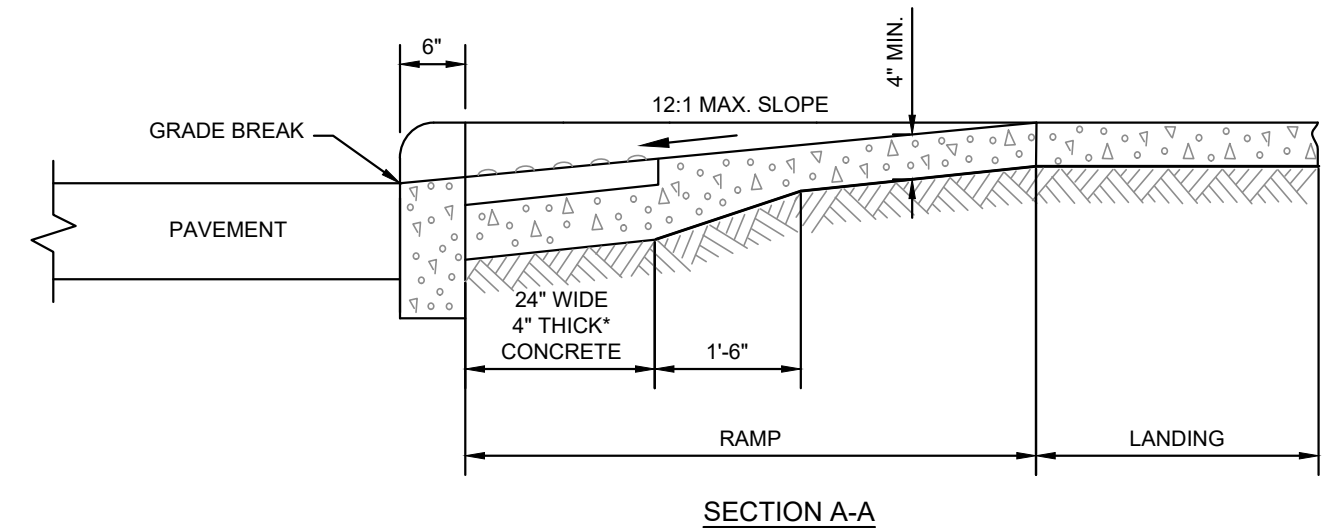
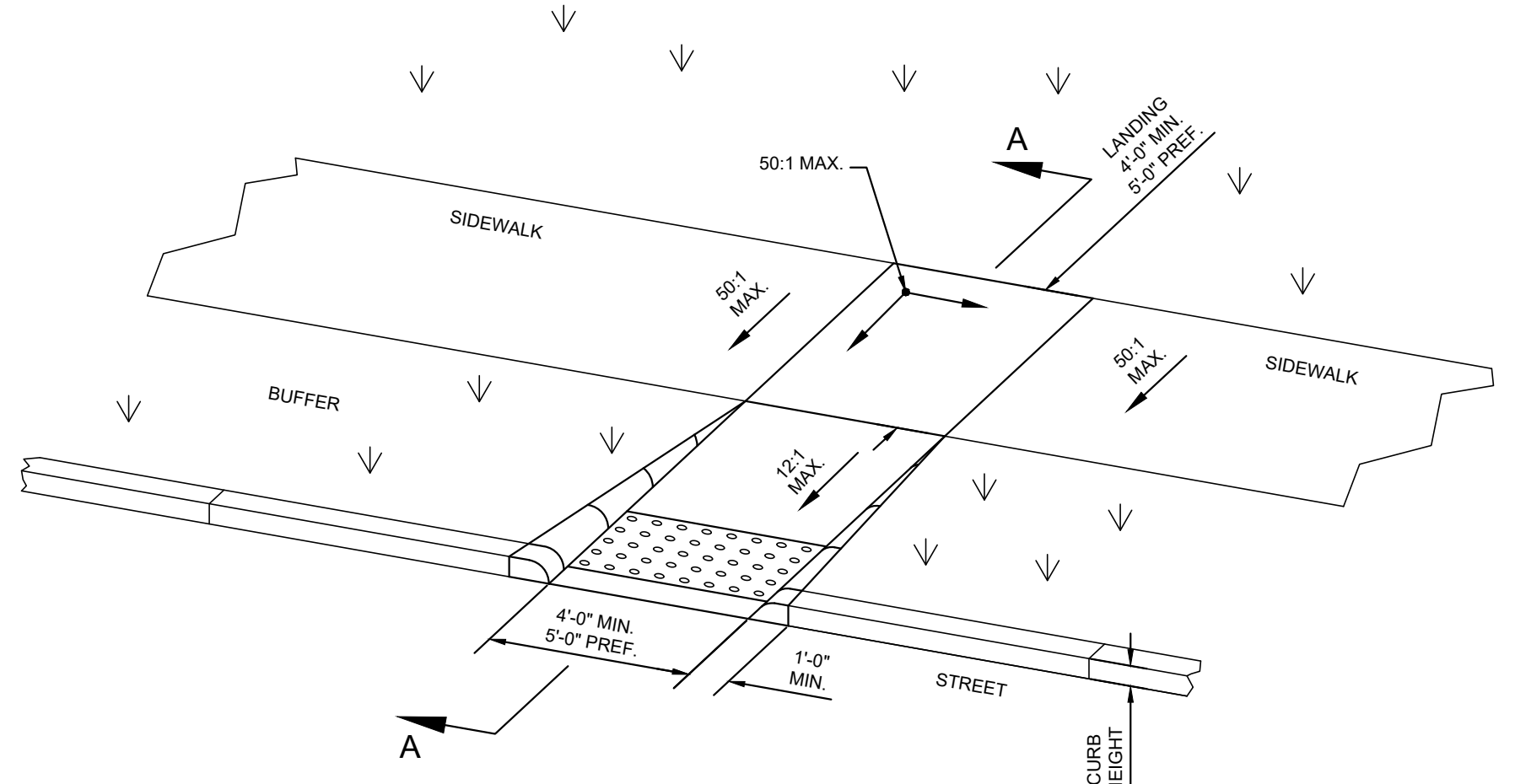
- NOTES:
- GENERAL
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- PLACEMENT
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DETECTABLE WARNINGS DETAIL
N.T.S.



DRAINAGE CURB CUT DETAIL
N.T.S.



CURB RAMP DETAIL - PERPENDICULAR WITH RETURNED CURB
N.T.S.

- NOTES:
1. WHILE RAMPS MAY BE SKEWED TO THE CROSSWALK, THE ENTIRE LOWER LANDING AREA MUST FALL WITHIN THE CROSS WALK THAT THE RAMP SERVES AND CANNOT BE LOCATED IN THE TRAVELED LANE OF OPPOSING TRAFFIC.
 2. THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE FOOT OF A CURB RAMP, LANDING, OR BLENDED TRANSITIONS SHALL BE 20:1 OR FLATTER.
 3. THE BOTTOM EDGE OF THE RAMP SHALL CHANGE PLANES PERPENDICULAR TO THE LANDING.
 4. THE EDGE OF THE CURB SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT AND GUTTER AND SURFACE SLOPES THAT MEET GRADE BREAKS SHALL ALSO BE FLUSH.
 5. RAMP LANDINGS SHALL BE 4' MIN. X 4' MIN. WITH A 50:1 OR FLATTER CROSS SLOPE AND RUNNING SLOPE.
 6. **DETECTABLE WARNINGS:** INSTALL DETECTABLE WARNINGS ON EACH CURB RAMP WITH APPROVED MATERIALS, AS SHOWN IN SEPARATE DETAIL. INSTALL THESE PROPRIETY PRODUCTS AS PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
 7. **DRAINAGE:** CONTRACTOR IS TO ENSURE THE BASE OF EACH CONSTRUCTED CURB RAMP ALLOWS FOR PROPER DRAINAGE, WITHOUT EXCEEDING ALLOWABLE CROSS SLOPE OR RAMP SLOPES. VERTICAL CHANGE IN LEVEL EXCEEDING 1/8" BETWEEN THE 1) PAVEMENT AND GUTTER, AND 2) GUTTER AND RAMP, ARE NOT ALLOWED.
 8. **SURFACE TEXTURE:** TEXTURE CONCRETE SURFACES BY COARSE BROOMING TRANSVERSE TO THE RAMP SLOPES TO BE ROUGHER THAN THE ADJACENT WALK.
 9. **JOINTS:** PROVIDE EXPANSION JOINTS IN THE CURB RAMP AS EXTENSIONS OF WALK JOINTS AND CONSISTENT WITH ITEM 608.03 REQUIREMENTS FOR A NEW CONCRETE WALK. PROVIDE A 1/2" ITEM 705.03 EXPANSION JOINT FILLER AROUND THE EDGE OF RAMPS BUILT IN EXISTING CONCRETE WALKS. LINES SHOWN ON THIS DRAWING INDICATE THE RAMP EDGES AND SLOPE CHANGES, AND DO NOT NECESSARILY INDICATE JOINT LINES.
- *WHERE POSSIBLE, POUR RAMP AREA INTEGRAL WITH THE CURB, OTHERWISE USE 6" THICK WALK.

- NOTES:
1. INSTALL EXPANSION JOINTS AT 30' OC MAXIMUM AND WHERE SLAB ABUTS STRUCTURES. WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT. EXPANSION JOINTS SHALL BE 1/2" WIDE BY DEPTH OF SLAB. SEAL ALL EXPANSION JOINTS.
 2. INSTALL CONTROL JOINTS AT 6' OC MAXIMUM. CONTROL JOINTS SHALL BE 3/8" WIDE BY 1 1/2" DEEP AND TOOLED, SAWED JOINTS ARE NOT PERMITTED.
 3. WALK SHALL HAVE A MINIMUM CROSS SLOPE OF 1.00%, MAXIMUM CROSS SLOPE OF 2.00%.
 4. WATER AND UTILITY BOXES IN THE WALK AREA SHALL BE ADJUSTED FLUSH WITH THE FINAL SURFACE.
 5. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL DETAIL AT ALL BUILDING DOORS.
 6. JOINTING PLANS MUST BE SUBMITTED FOR APPROVAL.

EXTERIOR CONCRETE SLAB WALK DETAIL
N.T.S.

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NO.	DATE	DESCRIPTION

ALL R FRIENDS
DUBLIN, OHIO

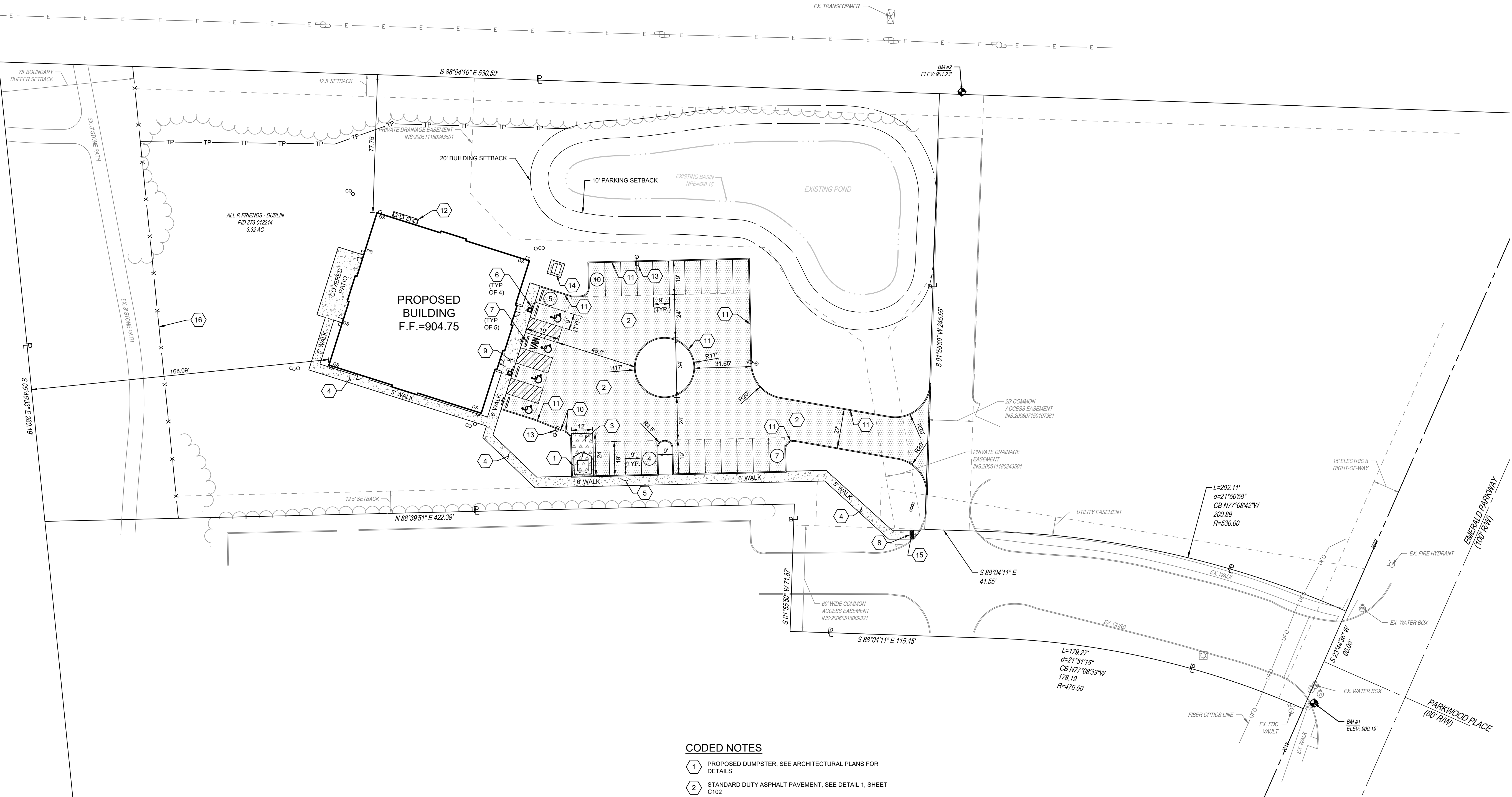
PROJECT NO: 200915.000
DATE: 04-23-2021

SCALE: NOT TO SCALE

SHEET NAME:

GENERAL DETAILS

SHEET NO.
C102



SITE ZONING DATA

REQUIRED SETBACKS:
 SIDE: 12.5' PAVEMENT & BUILDING
 REAR: 75' SUBAREA B WESTERN BOUNDARY BUFFER
 EMERALD PARKWAY: 30' PAVEMENT, 50' BUILDING
 OTHER: 5' WHERE NOT ELSEWHERE CLASSIFIED

PERMITTED DENSITY: 10,000 SF PER ACRE
PROPOSED DENSITY: 8,198 SF
REQUIRED PARKING: 1 SPACE PER TEACHER/EMPLOYEE PLUS 1 SPACE PER 6 STUDENTS
PROVIDED PARKING: 26

CODED NOTES

- 1 PROPOSED DUMPSTER, SEE ARCHITECTURAL PLANS FOR DETAILS
- 2 STANDARD DUTY ASPHALT PAVEMENT, SEE DETAIL 1, SHEET C102
- 3 HEAVY DUTY CONCRETE PAVEMENT, SEE DETAIL 2, SHEET C102
- 4 EXTERIOR CONCRETE SLAB WALK, SEE DETAIL 3, SHEET C102
- 5 EXTERIOR CONCRETE SLAB WALK W/ INTEGRAL CURB, SEE DETAIL 4, SHEET C102
- 6 ACCESSIBLE PARKING SIGN, SEE DETAIL 7, SHEET C102
- 7 PRECAST CONCRETE WHEEL STOP, SEE DETAIL 8, SHEET C102
- 8 DETECTABLE WARNING, SEE DETAIL 9, SHEET C102
- 9 EXTERIOR CONCRETE SLAB WALK WITH FLUSH CURB, SEE DETAIL 5, SHEET C102
- 10 PROPOSED CURB CUT, SEE DETAIL 10, SHEET C102
- 11 EXTRUDED CURB, SEE DETAIL 6, SHEET C102
- 12 MECHANICAL EQUIPMENT, SEE MEP PLANS FOR DETAILS
- 13 PROPOSED SITE LIGHT, SEE ELECTRICAL PLANS FOR DETAILS
- 14 PROPOSED TRANSFORMER, SEE ELECTRICAL PLANS FOR DETAILS
- 15 PROPOSED CURB RAMP, SEE DETAIL 11, SHEET C102
- 16 PROPOSED 3 1/2" HIGH SPLIT RAIL FENCE WITH WIRE MESH, PER EXHIBIT "L"

PROPOSED LEGEND

- ASPHALT PAVEMENT
- HEAVY DUTY CONCRETE PAVEMENT
- CONCRETE WALK
- PARKING COUNT
- TREE PROTECTION
- SPLIT RAIL FENCE

EXISTING LEGEND

- FIRE HYDRANT
- WATER VALVE
- WATER METER
- MANHOLE
- CLEAN OUT
- CATCH BASIN
- INLET
- EASEMENT

LOCATION GENERAL NOTES:

1. DIMENSIONS ARE TO FACE OF CURB WHERE BARRIER CURBS ARE PRESENT UNLESS OTHERWISE NOTED.
2. ALL STANDARD PARKING SPACES ARE 9' x 19'.
3. ALL RADII ARE 5' UNLESS OTHERWISE NOTED.
4. ALL EXISTING TREES TO REMAIN

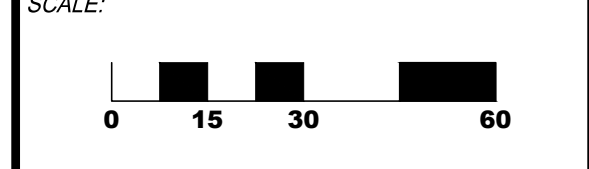
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SEAL:

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ALL R FRIENDS DUBLIN, OHIO

PROJECT NO: 200915.000
 DATE: 04-23-2021

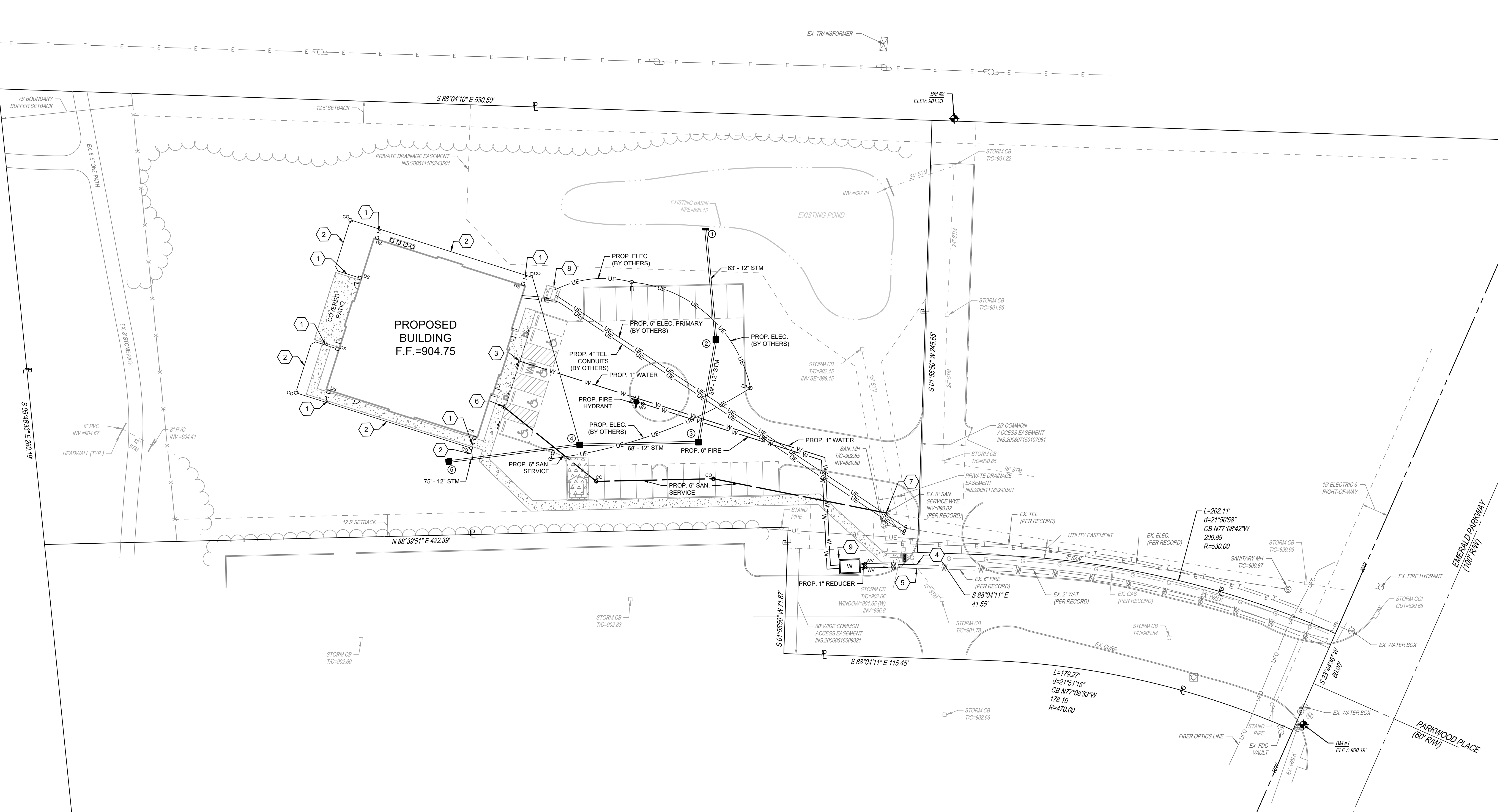


SHEET NAME:

SITE PLAN

SHEET NO:
C104





PROPOSED LEGEND

	STORM SEWER PIPE
	CATCH BASIN
	HEADWALL
	STORM SEWER CLEANOUT
	DOWNSPOUT
	CONCRETE WALK
	SANITARY SEWER PIPE
	SANITARY SEWER CLEANOUT
	WATERLINE PIPE
	WATER VALVE
	FIRE HYDRANT

EXISTING LEGEND

	FIRE HYDRANT
	WATER VALVE
	WATER METER
	MANHOLE
	CLEAN OUT
	CATCH BASIN
	INLET
	EASEMENT
	EX. STORM PIPE
	EASEMENT
	EX. SAN. PIPE

CODED NOTES

- ① 6" STM @ 1.50% MIN
- ② 8" STM @ 0.75% MIN
- ③ CONNECT PROP. 1" WATER SERVICE TO BUILDING
- ④ CONNECT PROP. 1" WATER TO EX. 2" WATER
- ⑤ CONNECT PROP. 6" FIRE TO EX. 8" FIRE W/ 8"x6" REDUCER
- ⑥ CONNECT PROP. 6" SAN SERVICE TO BUILDING, ELEV. = 904.1
- ⑦ CONNECT PROP. 6" SAN SERVICE TO EX. 6" SAN. WYE
- ⑧ PROPOSED TRANSFORMER, SEE ELECTRICAL PLANS FOR DETAILS
- ⑨ PROPOSED WATER METER PIT PER COLUMBUS STANDARD DETAIL L-6317E

NOTES:

1. ALL PRIVATE UTILITIES (GAS, ELECTRIC, TELECOMMUNICATIONS, ETC.) LOCATED WITHIN RIGHT-OF-WAY AND/OR PUBLIC EASEMENTS WILL REQUIRE SEPARATE RIGHT-OF-WAY PERMIT(S).
2. TAPS INTO EXISTING SEWER SYSTEMS ARE TO BE CORE DRILLED AND CITY OF DUBLIN INSPECTED.
3. PROPOSED FIRE HYDRANT PER DUBLIN STANDARD DRAWING WA-01.



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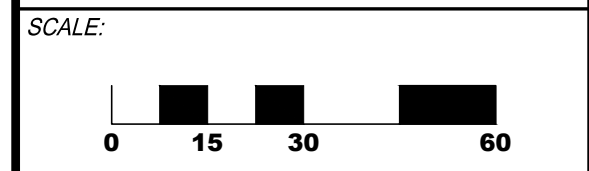
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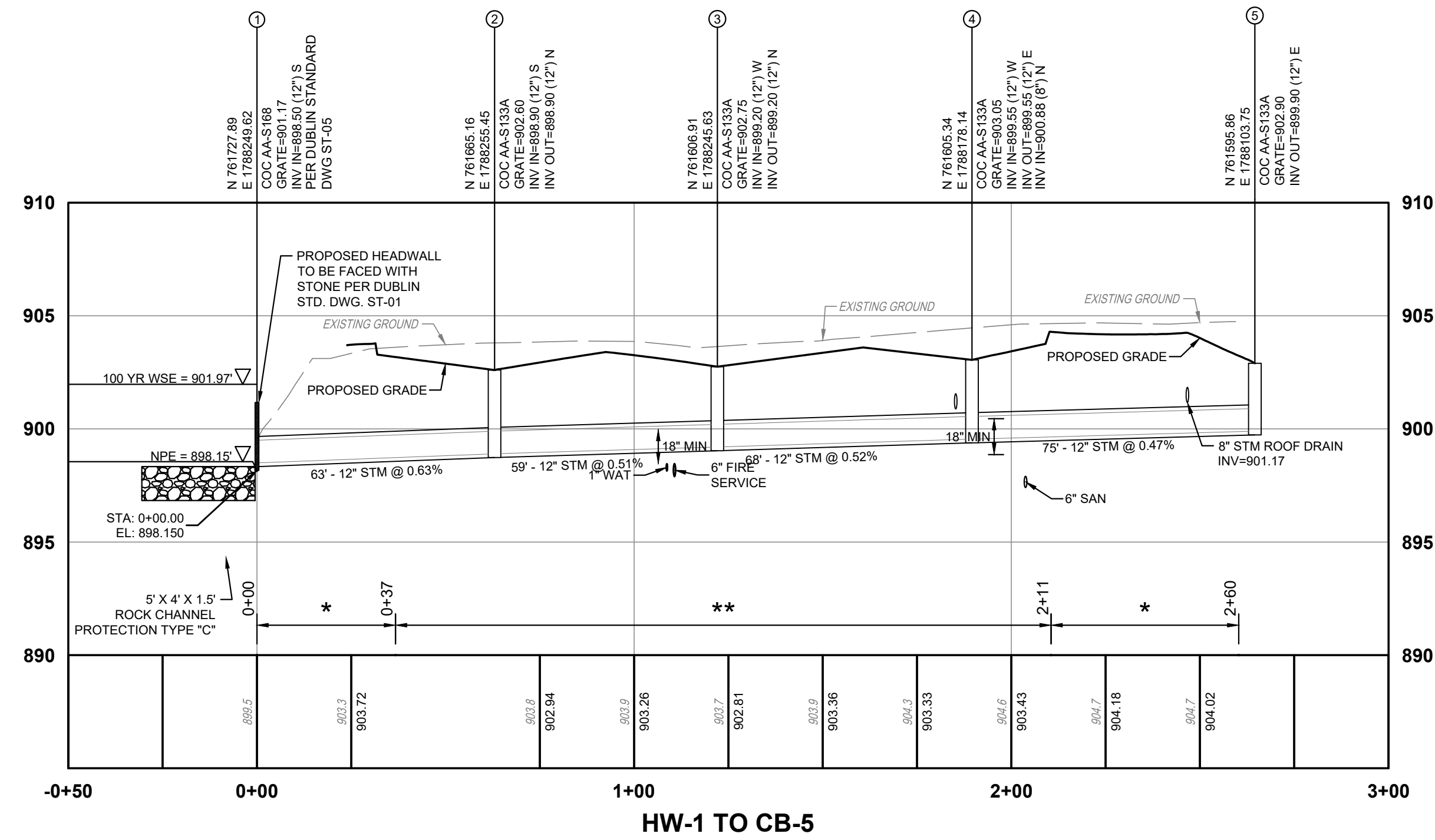
PROJECT NO.	200915.000
DATE:	04-23-2021



SHEET NAME:

UTILITY PLAN

SHEET NO.
C105



NOTES:

1. CONTRACTOR TO VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES BEFORE CONSTRUCTION BEGINS. USE CAUTION WHEN EXCAVATING. IF EXISTING UTILITIES ARE IN CONFLICT WITH PROPOSED UTILITIES, PLEASE NOTIFY THE DESIGN ENGINEER.
2. * BACKFILL PER CITY OF COLUMBUS ITEM 911.
3. ** BACKFILL PER CITY OF COLUMBUS ITEM 912.

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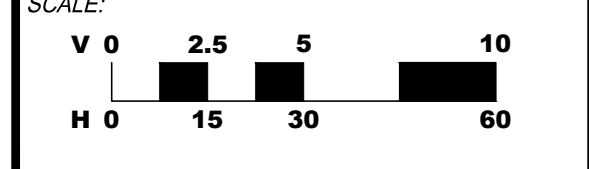
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ALL R FRIENDS
DUBLIN, OHIO

PROJECT NO: 200915.000

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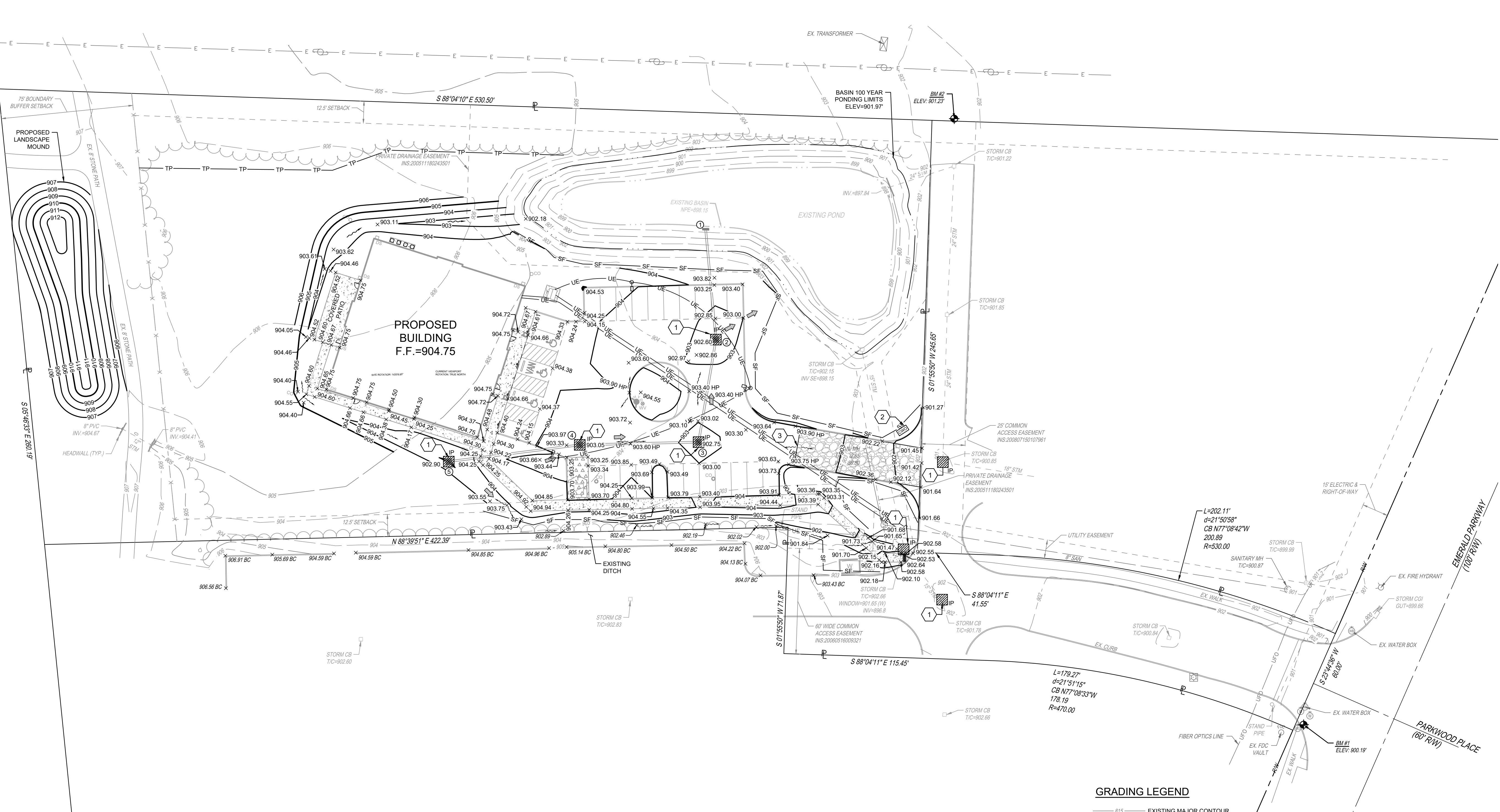
SHEET NAME:

STORM SEWER PROFILES




SHEET NO.

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
























CODED NOTES

-  PROPOSED INLET PROTECTION, SEE DETAIL SHEET C109
-  PROPOSED CONCRETE WASHOUT, SEE DETAIL SHEET C109
-  PROPOSED CONSTRUCTION ENTRANCE, SEE DETAIL SHEET C109

PROPOSED LEGEND

-  STORM SEWER PIPE
-  CATCH BASIN
-  HEADWALL
-  DOWNSPOUT COLLECTOR
-  SANITARY SEWER CLEANOUT
-  SANITARY SEWER CLEANOUT
-  WATER VALVE
-  FIRE HYDRANT
-  CONCRETE WALK
-  ASPHALT PAVEMENT
-  HEAVY DUTY CONCRETE PAVEMENT
-  PROPOSED SILT FENCE
-  BASIN 100 YEAR PONDING LIMIT
-  TREE PROTECTION

GRADING LEGEND

-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  PROPOSED SPOT ELEVATION
-  PROPOSED SPOT ELEVATION, BACK OF CURB
-  PROPOSED SPOT ELEVATION, HIGH POINT
-  EXISTING SPOT ELEVATION
-  EXISTING SPOT ELEVATION, BACK OF CURB
-  FLOW DIRECTION
-  PROPOSED FLOOD ROUTING
-  PROPOSED INLET PROTECTION
-  PROPOSED SILT FENCE
-  BASIN 100 YEAR PONDING LIMIT
-  TREE PROTECTION



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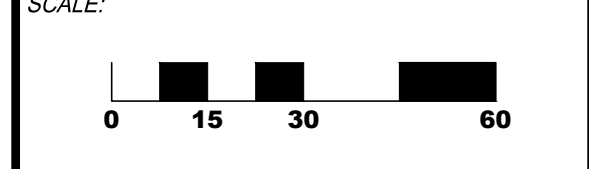
SEAL:

NO.	DATE	DESCRIPTION

NO.	DATE	DESCRIPTION

ALL R FRIENDS DUBLIN, OHIO

PROJECT NO: 200915.000
DATE: 04-23-2021



SHEET NAME:
GRADING PLAN & EROSION CONTROL PLAN

SHEET NO:
C107




Before You Dig

PROJECT DATA

PROJECT DESCRIPTION
THIS PROJECT CONSISTS OF A NEW BUILDING, PARKING LOT AND DRIVE AISLES, SIDEWALK AND STORMWATER IMPROVEMENTS.

Table with project details: LATITUDE: N 40°05'21.79", LONGITUDE: W 83°08'40.42", ESTIMATED CONSTRUCTIONS DATES: 03/01/2021 - 03/01/2022, TOTAL SITE AREA: 3.32 ACRES, TOTAL DISTURBED AREA: 0.99 ACRES, EXISTING IMPERVIOUS AREA: 0.28 ACRES (8.4%), PROPOSED IMPERVIOUS AREA: 0.66 ACRES (19.9%), TOTAL IMPERVIOUS AREA AFTER CONSTRUCTION: 0.94 ACRES (28.3%), PRE-CONSTRUCTION RUNOFF COEFFICIENT: C=0.45, POST-CONSTRUCTION RUNOFF COEFFICIENT: C=0.56, IMMEDIATE RECEIVING WATER/MS4: CITY OF DUBLIN STORM SEWER, ULTIMATE RECEIVING STREAM: SCIOTO RIVER, EXISTING LAND USE: OPEN GRASS FIELD, SOILS: K_o - KOKOMO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES; LeB - LEWISBURG-CROSBY COMPLEX, 2 TO 6 PERCENT SLOPES

CONSTRUCTION SEQUENCE

TO COMPLETE THE EXCAVATION AND CONSTRUCTION OF THE PROPOSED JOB IMPROVEMENTS, COORDINATION OF THE CONTRACTOR'S WORK CREWS WILL BE REQUIRED. THE EXISTING DITCHES WILL PERFORM TEMPORARY SEDIMENT CONTROL AND STORAGE DURING THE PROPOSED CONSTRUCTION. WORK WILL GENERALLY PROCEED FROM DOWNSTREAM TO UPSTREAM IN THESE WORK AREAS. THE GENERAL CONSTRUCTION SEQUENCE IS AS FOLLOWS:

- A) INSTALL EROSION CONTROL ITEMS.
B) STRIP TOPSOIL AND ANY UNSUITABLE MATERIAL THROUGH THE INCREMENTAL WORK AREA.
C) INSTALL TEMPORARY DITCH CHECKS IN DOWNSTREAM END OF EXISTING DITCH WITHIN 24 HOURS FOLLOWING THE STRIPPING OPERATION.
D) IF U/G PIPE IS CALLED FOR IN THIS PORTION OF WORK AREA, PIPE CREW WILL INSTALL PIPE AS WELL AS MANHOLES.
E) AS PIPE INSTALLATION PROGRESSES, REPAIR OF THE ROADWAY WILL PROCEED BEHIND IT.
F) ANY DISTURBED OR EXPOSED AREAS SHALL BE STABILIZED PER OEPA TEMPORARY AND PERMANENT STABILIZATION REGULATIONS INCLUDING:
1. SEEDING
2. DITCH MATTING
3. INLET PROTECTION
4. MULCHING
5. WATERING

EMERGENCY ACTION & SPILL PREVENTION PLAN

THE SCOPE OF WORK COVERED BY THIS PLAN INCLUDES EMERGENCY RESPONSE TO SPILLS, CONTAINMENT OF SPILLED LIQUIDS, EMERGENCY NOTIFICATION NUMBERS, AND SOIL EXCAVATION FOR SPILL CLEAN-UP.

IN THE EVENT OF A SPILL EVENT THE EMPLOYEE SHALL ASSESS THE SPILL AND IMMEDIATELY NOTIFY THE SAFETY OFFICER AND SUPERVISOR IN CHARGE, OR OTHER INDIVIDUALS AS LISTED BELOW.

Table with 3 columns: TITLE, NAME, PHONE NUMBER. Includes SITE SUPERINTENDENT and PROJECT ENGINEER.

IMMEDIATELY AFTER NOTIFICATION, THE EMPLOYEE WILL BE DIRECTED BY THE SAFETY OFFICER, OR RESPONSIBLE PARTY TO START CONTAINMENT PROCEDURES TO PREVENT THE MATERIAL FROM REACHING THE STORM SEWERS, DRAINAGE DITCH, AND OTHER OUTLETS USING THE FOLLOWING ACTIONS OR ANY OTHER MEANS NECESSARY WITHOUT COMPROMISING WORKER SAFETY:

- 1) CLEAR PERSONNEL FROM THE SPILL AREA AND ROPE OFF AREA.
2) STOP THE SPILL.
3) USE SORBENT MATERIALS, PLUG PUTTY, OR HOLE PUTTY AS NECESSARY TO CONTROL THE SPILL AT THE SOURCE.
4) CONSTRUCT A TEMPORARY CONTAINMENT DIKE OF SORBENT MATERIALS OR DIRT TO CONTAIN SPILL.

SPILL KITS WILL BE LOCATED ON THE PROJECT AS DESIGNATED ON THE SWPPP PLAN.

UPON COMPLETION OF CONTAINMENT OPERATIONS, PROPER CLEAN-UP PROCEDURES WILL BE IMPLEMENTED IN ACCORDANCE WITH REGULATORY PROCEDURES.

Table with 2 columns: ADDITIONAL EMERGENCY CONTACT NUMBERS, 24 HOUR PHONE NO.. Includes OHIO EPA contact info.

GENERAL NOTES

THE CONTRACTOR IS HEREBY ADVISED THAT STRICTER POLLUTION CONTROL STANDARDS AND ENFORCEMENT HAVE BEEN IMPOSED BY THE OHIO EPA SINCE MARCH 10, 2003 AND WITH A REVISION IN APRIL 2018. ALSO, MANY PRIVATE CITIZEN ENVIRONMENTAL GROUPS, WHO HAVE BEEN KNOWN TO FILE CIVIL LEGAL ACTIONS, ARE PRESENT IN THE AREA AND OBSERVE ALL CONSTRUCTION OPERATIONS.

THE CONTRACTOR SHALL INFORM ALL SUBCONTRACTORS OF THE REQUIREMENTS AND RESPONSIBILITIES OF THE SWPPP AND SHALL DOCUMENT ALL SUCH NOTIFICATIONS AND/OR DISCUSSIONS.

THE CONTRACTOR WILL BE REQUIRED TO PARTICIPATE IN SEDIMENT AND EROSION CONTROL INSPECTIONS ON A WEEKLY BASIS AND SIGN AN APPROVED INSPECTION SHEET THAT SHALL BE KEPT ON FILE AT THE JOB SITE.

UNLESS OTHERWISE NOTED, STANDARDS AND SPECIFICATIONS ESTABLISHED IN THE LATEST EDITION OF THE OEPA "RAINWATER AND LAND DEVELOPMENT" HANDBOOK SHALL GOVERN THE EROSION AND SEDIMENT CONTROL INSTALLATIONS SPECIFIED ON THIS PLAN.

THIS PROJECT WILL INVOLVE SEVERAL CONSTRUCTION PHASES AND SEQUENCING THROUGHOUT ITS LIFETIME. IT IS VERY IMPORTANT THAT ALL TEMPORARY SEDIMENT AND EROSION CONTROL (S&EC) FIELD METHODS ALONG WITH THIS PLAN, ARE UPDATED TO REFLECT THE ACTUAL FIELD CONDITIONS, CURRENT WEATHER CONDITIONS AND SITE GRADE CHANGES. THE ENGINEER OR THE OHIO EPA CAN AND WILL MODIFY THIS PLAN AS NECESSARY.

THE CONTRACTOR WILL VOLUNTARILY SELF REPORT ANY POTENTIAL VIOLATIONS OF THE OEPA NPDES PERMIT TO THE ENGINEER AND THE OEPA.

THE CONTRACTOR SHALL REMOVE EXISTING GROUND COVER ONLY AS NECESSARY FOR THE PROJECT PHASE CURRENTLY UNDER CONSTRUCTION.

CONSTRUCTION AND DEMOLITION DEBRIS SHALL BE PROPERLY DISPOSED OF ACCORDING TO OHIO EPA REQUIREMENTS.

THE CONTRACTOR WILL BE REQUIRED TO BUILD SEDIMENT BASINS OR SEDIMENT TRAPS OR USE EQUAL METHODS TO DETAIN AND CLEAN WATER TO ACCEPTABLE EPA STANDARDS BEFORE RELEASING THE WATER BACK INTO THE STREAM.

THERE SHALL BE NO TURBID DISCHARGES TO SURFACE WATERS, RESULTING FROM DEWATERING ACTIVITIES. SEDIMENT-LADEN WATER MUST PASS THROUGH A SETTLING POND, FILTER BAG, OR OTHER COMPARABLE PRACTICE, PRIOR TO DISCHARGE.

NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.

ALL PROCESS WASTEWATER (EQUIPMENT WASHING, LEACHATE FROM ON-SITE WASTE DISPOSAL, ETC.) SHALL BE COLLECTED AND DISPOSED OF AT A PUBLICLY OWNED TREATMENT WORKS.

ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH ALL LOCAL EROSION/SEDIMENT CONTROL, WASTE DISPOSAL, SANITARY AND HEALTH REGULATIONS.

OTHER EROSION CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND IMPLEMENTATION OF ADDITIONAL EROSION CONTROL ITEMS, AT THE ENGINEER'S DISCRETION.

NO SOIL, ROCK, DEBRIS OR OTHER MATERIAL SHALL BE DUMPED OR PLACED IN ANY AREAS NOT ADEQUATELY PROTECTED BY EROSION CONTROL INSTALLATIONS.

IT IS PREFERRED TO USE PERMANENT EROSION CONTROL ITEMS AS SHOWN IN THE PLANS TO CONTROL CONSTRUCTION POLLUTION WHEN POSSIBLE. OTHERWISE, THE TEMPORARY POLLUTION PREVENTION ITEMS ARE TO BE USED.

MOST TEMPORARY S&EC METHODS, INCLUDING BUT NOT LIMITED TO, SILT FENCE AND DITCH CHECKS MAY ALL HAVE TO BE PERIODICALLY REMOVED AND REPLACED, OR MOVED FROM THE EXISTING ROAD DITCH OR STRIPPED AREAS AS WORK PROGRESSES. ANY CHANGES SHALL BE NOTED IN THE PLAN BY RED LINE AND DATED ON A CORRECTIVE ACTION LOG.

ALL TEMPORARY SEDIMENT CONTROLS AND STORM WATER QUALITY METHODS WILL BE BUILT/INSTALLED AS THE PROJECT PROGRESSES TO ELIMINATE UNNECESSARY DISTURBANCE AND REDUNDANCY. ALL TEMPORARY CONTROLS SHALL BE IN PLACE AND FUNCTIONING PROPERLY WHEN THREATENING WEATHER IS IMMINENT.

"TEMPORARY STABILIZATION" MEANS THE ESTABLISHMENT OF TEMPORARY VEGETATION, MULCHING, GEOTEXTILES, SOD, PRESERVATION OF EXISTING VEGETATION AND OTHER TECHNIQUES CAPABLE OF QUICKLY ESTABLISHING COVER OVER DISTURBED AREAS TO PROVIDE EROSION CONTROL BETWEEN CONSTRUCTION OPERATIONS.

"PERMANENT STABILIZATION" MEANS THE ESTABLISHMENT OF PERMANENT VEGETATION, DECORATIVE LANDSCAPE MULCHING, MATTING, SOD, RIP RAP AND LANDSCAPING TECHNIQUES TO PROVIDE PERMANENT EROSION CONTROL ON AREAS WHERE CONSTRUCTION OPERATIONS ARE COMPLETE OR WHERE NO FURTHER DISTURBANCE IS EXPECTED FOR AT LEAST A YEAR.

OFF-SITE TRACKING OF SEDIMENTS SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. ALL PAVED STREETS ADJACENT TO THE SITE WILL BE SWEEPED DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARP.

STABILIZATION PRACTICES

PERMANENT SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PART II.B OF OHIO EPA PERMIT NO.: OHC000005. (SEE TABLE 1)

TABLE 1: PERMANENT STABILIZATION. Table with 2 columns: AREA REQUIRING PERMANENT STABILIZATION, TIME FRAME TO APPLY EROSION CONTROLS.

TEMPORARY SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PART II.B OF OHIO EPA PERMIT NO.: OHC000005. (SEE TABLE 2)

TABLE 2: TEMPORARY STABILIZATION. Table with 2 columns: AREA REQUIRING TEMPORARY STABILIZATION, TIME FRAME TO APPLY EROSION CONTROLS.

ALL TEMPORARY EROSION AND SEDIMENT CONTROL INSTALLATIONS SHALL BE REMOVED WHEN 70% VEGETATION HAS BEEN REACHED.

SEEDING & MULCHING

MULCH AND/OR OTHER APPROPRIATE VEGETATIVE PRACTICES SHALL BE APPLIED TO DISTURBED AREAS WITHIN 7 DAYS OF GRADING IF THE AREA IS TO REMAIN DORMANT (UNDISTURBED) FOR MORE THAN 14 DAYS OR ON AREAS AND PORTIONS OF THE SITE WHICH CAN BE BROUGHT TO FINAL GRADE.

MULCH SHALL CONSIST OF UNROTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 2 TONS/AC. OR 90 LB./1000 SQ. FT. (TWO TO THREE BALES). THE STRAW MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1000-SQ.-FT. SECTIONS AND PLACE TWO 45-LB. BALES OF STRAW IN EACH SECTION.

MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR RUNOFF. THE FOLLOWING ARE ACCEPTABLE METHODS FOR ANCHORING MULCH:

- 1) MECHANICAL-USE A DISK, CRIMPER, OR SIMILAR TYPE TOOL SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINELY CHOPPED BUT BE LEFT GENERALLY LONGER THAN 6 IN.
2) MULCH NETTINGS-USE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS, FOLLOWING ALL PLACEMENT AND ANCHORING SUGGESTIONS. USE IN AREAS OF WATER CONCENTRATION AND STEEP SLOPES TO HOLD MULCH IN PLACE.
3) SYNTHETIC BINDERS-FOR STRAW MULCH, SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRI-TAC), DCA-70, PETROSET, TERRA TACK OR EQUAL MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER. ALL APPLICATIONS OF SYNTHETIC BINDERS MUST BE CONDUCTED IN SUCH A MANNER WHERE THERE IS NO CONTACT WITH WATERS OF THE STATE.
4) WOOD CELLULOSE FIBER - WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. THE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 750 LB./ACRE. THE WOOD CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB./100 GAL. OF WOOD CELLULOSE FIBER.

TEMPORARY SEEDING & MULCHING FOR EROSION CONTROL. Table with 3 columns: SEED TYPE, PER 1,000 SQ. FT., PER ACRE.

NOTE: OTHER APPROVED SPECIES MAY BE SUBSTITUTED

STOCKPILE

SILT FENCING SHALL BE INSTALLED AROUND TEMPORARY SPOIL STOCKPILES. THESE STOCKPILES SHALL BE STRAW MULCHED AND/OR TEMPORARILY SEEDED WITHIN 7 WORKING DAYS IF LEFT DORMANT FOR 14 DAYS OR LONGER.

TIMING OF CONTROLS/MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, CONSTRUCTION ENTRANCE(S) AND SILT FENCE WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. SEDIMENT CONTROL DEVICES SHALL BE IMPLEMENTED FOR ALL AREAS REMAINING DISTURBED LONGER THAN 14 DAYS AND/OR WITHIN 7 DAYS OF ANY GRUBBING ACTIVITIES. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 14 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 2 DAYS OF THE LAST DISTURBANCE IF THE AREA IS WITHIN 50 FEET OF A STREAM, AND WITHIN 7 DAYS OF THE LAST DISTURBANCE IF THE AREA IS MORE THAN 50 FEET AWAY FROM A STREAM. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND MULCH. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE BASIN.

Table with 2 columns: STABILIZATION TYPE, J F M A M J J A S O N D. Rows include PERMANENT SEEDING, DORMANT SEEDING, TEMPORARY SEEDING, SODDING, MULCHING.

INSPECTIONS

ALL BMPS ON THIS SITE SHALL BE INSPECTED BY "QUALIFIED INSPECTION PERSONNEL" ASSIGNED BY THE CONTRACTOR OR DESIGNATED REPRESENTATIVE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND BY THE END OF THE NEXT CALENDAR DAY, EXCLUDING WEEKENDS AND HOLIDAYS UNLESS WORK IS SCHEDULED. AFTER A RAIN EVENT OF 0.5 INCHES PER 24 HOUR PERIOD, A RECORD OF THESE INSPECTIONS SHALL BE MAINTAINED IN THE CONSTRUCTION OFFICE WITH THE SWPPP FOR PUBLIC VIEWING. ANY VIOLATIONS WILL BE REPORTED THROUGH THE PROJECT PERSONNEL. A RAIN GAUGE WILL BE LOCATED WITHIN THE PROJECT LIMITS.

FOLLOWING EACH INSPECTION, A CHECKLIST MUST BE COMPLETED AND SIGNED BY THE QUALIFIED INSPECTION PERSONNEL REPRESENTATIVE. AT A MINIMUM, THE INSPECTION REPORT SHALL INCLUDE:

- 1. THE INSPECTION DATE;
2. NAMES, TITLES, AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION;
3. WEATHER INFORMATION FOR THE PERIOD SINCE THE LAST INSPECTION (OR SINCE COMMENCEMENT OF CONSTRUCTION ACTIVITY IF THE FIRST INSPECTION) INCLUDING A BEST ESTIMATE OF THE BEGINNING OF EACH STORM EVENT, DURATION OF EACH STORM EVENT, APPROXIMATE AMOUNT OF RAINFALL FOR EACH STORM EVENT (IN INCHES), AND WHETHER ANY DISCHARGES OCCURRED;
4. WEATHER INFORMATION AND A DESCRIPTION OF ANY DISCHARGES OCCURRING AT THE TIME OF THE INSPECTION;
5. LOCATION(S) OF DISCHARGES OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE;
6. LOCATION(S) OF BMPS THAT NEED TO BE MAINTAINED;
7. LOCATION(S) OF BMPS THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION;
8. LOCATION(S) WHERE ADDITIONAL BMPS ARE NEEDED THAT DID NOT EXIST AT THE TIME OF INSPECTION; AND
9. CORRECTIVE ACTION REQUIRED INCLUDING ANY CHANGES TO THE SWP3 NECESSARY AND IMPLEMENTATION DATES.

MAINTENANCE

THE CONTRACTOR SHALL MAINTAIN, REPAIR, OR REPLACE ALL EROSION CONTROL INSTALLATIONS AS NEEDED TO ENSURE THE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL REPAIRS TO BMPS SHALL BE MADE WITHIN 3 DAYS (OR SOONER IF POSSIBLE) OF NOTIFICATION OF DEFICIENCIES. IF THE CORRECTIONS ARE NOT MADE WITHIN THE 3 DAY PERIOD, LIQUIDATED DAMAGES MAY BE ASSESSED AS PER THE ODOT CMS SECTION 108.27.

ONGOING INSPECTION OF INSTALLATIONS WILL BE PERFORMED BY THE CONTRACTOR OR DESIGNATED REPRESENTATIVE.

ANY TRAPPED SEDIMENT OR DEBRIS REMOVED DURING CLEANING OF OR REMOVAL OF BMP INSTALLATIONS SHALL BE PLACED IN AREAS NOT SUBJECT TO EROSION AND PERMANENTLY STABILIZED.

DUST CONTROL

DUST CONTROL INVOLVES PREVENTING OR REDUCING DUST FROM EXPOSED SOILS OR OTHER SOURCES DURING LAND DISTURBING, DEMOLITION AND CONSTRUCTION ACTIVITIES TO REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES WHICH MAY PRESENT HEALTH HAZARDS, TRAFFIC SAFETY PROBLEMS OR HARM ANIMAL OR PLANT LIFE.

THE FOLLOWING SPECIFICATIONS FOR DUST CONTROL SHALL BE FOLLOWED ONSITE:

- 1. VEGETATIVE COVER AND/MULCH - APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDLE FOR OVER 14 DAYS. SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUCE SOIL AND AIR MOVEMENT ACROSS DISTURBED AREAS. SEE TEMPORARY SEEDING; PERMANENT SEEDING; MULCHING PRACTICES; AND TREE AND NATURAL AREA PROTECTION PRACTICES.
2. WATERING - SPRAY SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND REPEAT AS NEEDED, ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC ROUTES. WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. WETTING AGENTS SHALL BE UTILIZED ACCORDING TO MANUFACTURERS' INSTRUCTIONS.
3. SPRAY-ON ADHESIVES - APPLY ADHESIVE ACCORDING TO THE FOLLOWING TABLE OR MANUFACTURERS' INSTRUCTIONS.

Table with 4 columns: ADHESIVE, WATER DILUTION (ADHESIVE: WATER), NOZZLE TYPE, APPLICATION RATE (GAL/AC). Rows include LATEX EMULSION, RESIN IN WATER ACRYLIC EMULSION (NO TRAFFIC), ACRYLIC EMULSION (NO TRAFFIC), ACRYLIC EMULSION (TRAFFIC).

PERMITTEE

JK & R PROPERTY ENTERPRISES
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GENERAL PERMIT: OHC000005

NPDES PERMIT:

DATE OF ISSUE:

Logo for THE KLEINGERS GROUP, CIVIL ENGINEERING SURVEYING LANDSCAPE ARCHITECTURE, www.kleingers.com, 350 Worthington Rd Suite B Westerville, OH 43082 614.882.4311

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SEAL:

Table with 2 columns: NO., DATE, DESCRIPTION.

ALL R FRIENDS DUBLIN, OHIO

PROJECT NO: 200915.000
DATE: 04-23-2021
SCALE:

SHEET NAME: EROSION CONTROL NOTES
SHEET NO: C108

SPILL PREVENTION

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING:

1. AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
2. ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
3. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
4. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
5. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
6. MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
7. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ONSITE.

HAZARDOUS PRODUCTS:

1. PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
2. ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.
3. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

1. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
2. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
3. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
4. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE. SPILLS OF 25 OR MORE GALLONS OF PETROLEUM WASTE MUST BE REPORTED TO OHIO EPA (1-800-282-9378), THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE WITHIN 30 MINUTES OF THE SPILL. ALL SPILLS, WHICH RESULT IN CONTACT WITH WATERS OF THE STATE, MUST BE REPORTED TO THE OHIO EPA'S HOTLINE.
5. SOILS CONTAMINATED BY PETROLEUM OR OTHER CHEMICAL SPILLS MUST BE TREATED/DISPOSED AT AN OHIO EPA APPROVED SOLID WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITY (TSDF).
6. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
7. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ONSITE.

PRODUCT SPECIFIC PRACTICES

PETROLEUM PRODUCTS

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

FUEL STORAGE TANKS SHALL BE LOCATED AWAY FROM SURFACE WATERS AND STORM SEWER SYSTEM INLETS. FUEL TANKS SHALL BE STORED IN A DIKED AREA CAPABLE OF HOLDING 150% OF THE TANK CAPACITY.

FERTILIZERS

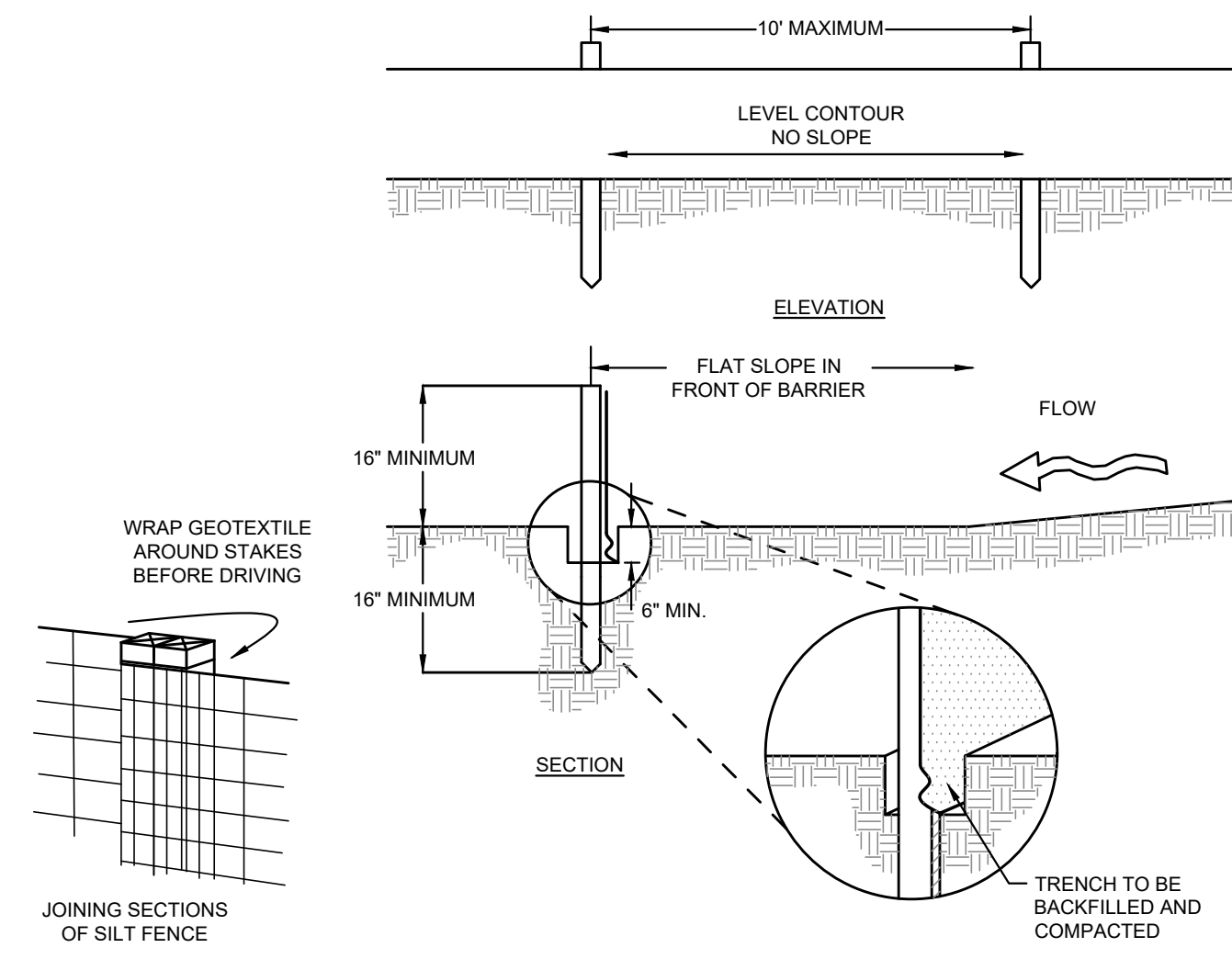
FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

PAINTS

ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

CONCRETE WASH WATER/WASH OUTS

CONCRETE WASH WATER SHALL NOT BE ALLOWED TO FLOW TO STREAMS, DITCHES, STORM DRAINS, OR ANY OTHER WATER CONVEYANCE. A SUMP OR PIT WITH NO POTENTIAL FOR DISCHARGE SHALL BE CONSTRUCTED IF NEEDED TO CONTAIN CONCRETE WASH WATER. FIELD TILE OR OTHER SUBSURFACE DRAINAGE STRUCTURES WITHIN 10 FT. OF THE SUMP SHALL BE CUT AND PLUGGED. FOR SMALL PROJECTS, TRUCK CHUTES MAY BE RINSED ON THE LOT AWAY FROM ANY WATER CONVEYANCES.

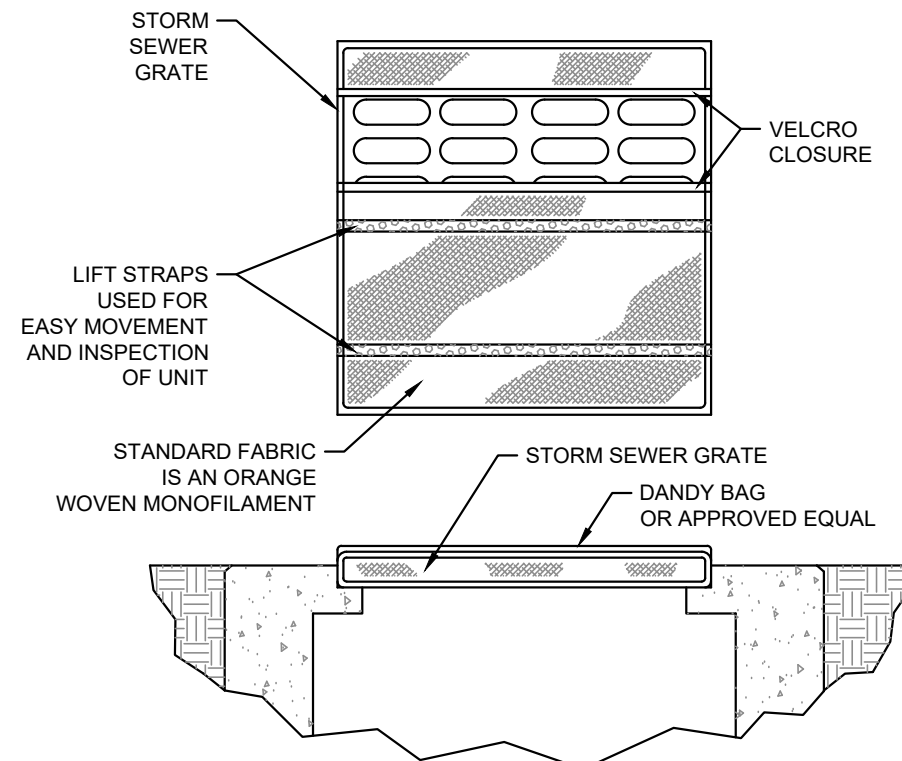


NOTES:

1. SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
 2. ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS THAT MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
 3. ENDS OF THE SILT FENCES SHALL BE BROUGHT UPSLOPE SLIGHTLY SO THAT WATER PONDED BY THE SILT FENCE WILL BE PREVENTED FROM FLOWING AROUND THE ENDS.
 4. SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
 5. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FEET (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.
 6. THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
 7. THE SILT FENCE SHALL BE PLACED IN AN EXCAVATED OR SLICED TRENCH CUT A MINIMUM OF 6 INCHES DEEP. THE TRENCH SHALL BE MADE WITH A TRENCHER, CABLE LAYING MACHINE, SLICING MACHINE, OR OTHER SUITABLE DEVICE THAT WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.
 8. THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE. A MINIMUM OF 8 INCHES OF GEOTEXTILE MUST BE BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 6-INCH DEEP TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED ON BOTH SIDES OF THE FABRIC.
 9. SEAMS BETWEEN SECTIONS OF SILT FENCE SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM 6-IN. OVERLAP PRIOR TO DRIVING INTO THE GROUND.
 10. MAINTENANCE—SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER THE FABRIC OR AROUND THE FENCE ENDS, OR IN ANY OTHER WAY ALLOWS A CONCENTRATED FLOW DISCHARGE, ONE OF THE FOLLOWING SHALL BE PERFORMED, AS APPROPRIATE: 1) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED, 2) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR 3) OTHER PRACTICES SHALL BE INSTALLED.
- SEDIMENT DEPOSITS SHALL BE ROUTINELY REMOVED WHEN THE DEPOSIT REACHES APPROXIMATELY ONE-HALF OF THE HEIGHT OF THE SILT FENCE.
- SILT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL AND AT LEAST DAILY DURING A PROLONGED RAINFALL. THE LOCATION OF EXISTING SILT FENCE SHALL BE REVIEWED DAILY TO ENSURE ITS PROPER LOCATION AND EFFECTIVENESS. IF DAMAGED, THE SILT FENCE SHALL BE REPAIRED IMMEDIATELY.
- CRITERIA FOR SILT FENCE MATERIALS**
1. FENCE POST—THE LENGTH SHALL BE A MINIMUM OF 32 INCHES. WOOD POSTS WILL BE 2-BY-2-IN. NOMINAL DIMENSIONED HARDWOOD OF SOUND QUALITY. THEY SHALL BE FREE OF KNOTS, SPLITS AND OTHER VISIBLE IMPERFECTIONS, THAT WILL WEAKEN THE POSTS. THE MAXIMUM SPACING BETWEEN POSTS SHALL BE 10 FT. POSTS SHALL BE DRIVEN A MINIMUM 16 INCHES INTO THE GROUND, WHERE POSSIBLE. IF NOT POSSIBLE, THE POSTS SHALL BE ADEQUATELY SECURED TO PREVENT OVERTURNING OF THE FENCE DUE TO SEDIMENT/WATER LOADING.
 2. SILT FENCE FABRIC - SEE CHART BELOW.

FABRIC PROPERTIES	VALUES	TEST METHOD
MINIMUM TENSILE STRENGTH	120 LBS. (535 N)	ASTM D 4632
MAXIMUM ELONGATION AT 60 LBS	50%	ASTM D 4632
MINIMUM PUNCTURE STRENGTH	50 LBS. (220 N)	ASTM D 4633
MINIMUM TEAR STRENGTH	40 LBS. (180 N)	ASTM D 4533
APPARENT OPENING SIZE	<0.84 MM	ASTM D 4751
MINIMUM PERMITTIVITY	1X10-2 SEC-1	ASTM D 4491
UV EXPOSURE STRENGTH RETENTION	70%	ASTM G 4355

SILT FENCE DETAIL
N.T.S.



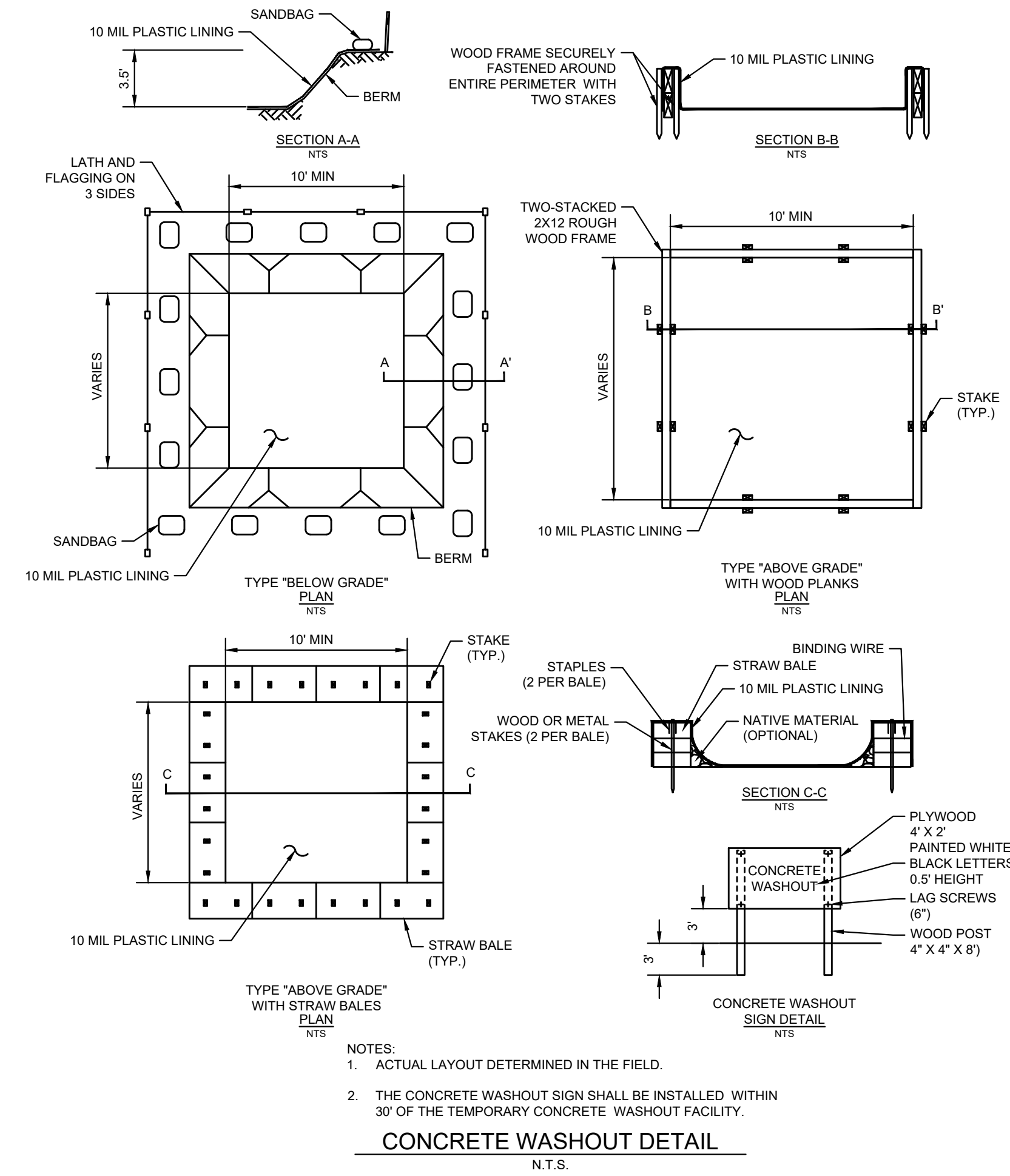
SPECIFICATIONS

MECHANICAL PROPERTIES	TEST METHOD	UNITS	MARV
GRAB TENSILE STRENGTH	ASTM D 4632	KN (LBS)	1.62 (365) X 0.89 (200)
GRAB TENSILE ELONGATION	ASTM D 4632	%	24 X 10
PUNCTURE STRENGTH	ASTM D 4833	KN (LBS)	0.40 (90)
MULLEN BURST STRENGTH	ASTM D 3786	KPA (PSI)	3097 (450)
TRAPEZOID TEAR STRENGTH	ASTM D 4533	KN (LBS)	0.51 (115) X 0.33 (75)
UV RESISTENCE	ASTM D 4355	%	90
APPARENT OPENING SIZE	ASTM D 4751	MM (US STD SIEVE)	0.425 (40)
FLOW RATE	ASTM D 4491	1MIN/IN ² (GAL/MIN/FT ²)	5907 (145)
PERMITTIVITY	ASTM D 4491	SEC	2.1

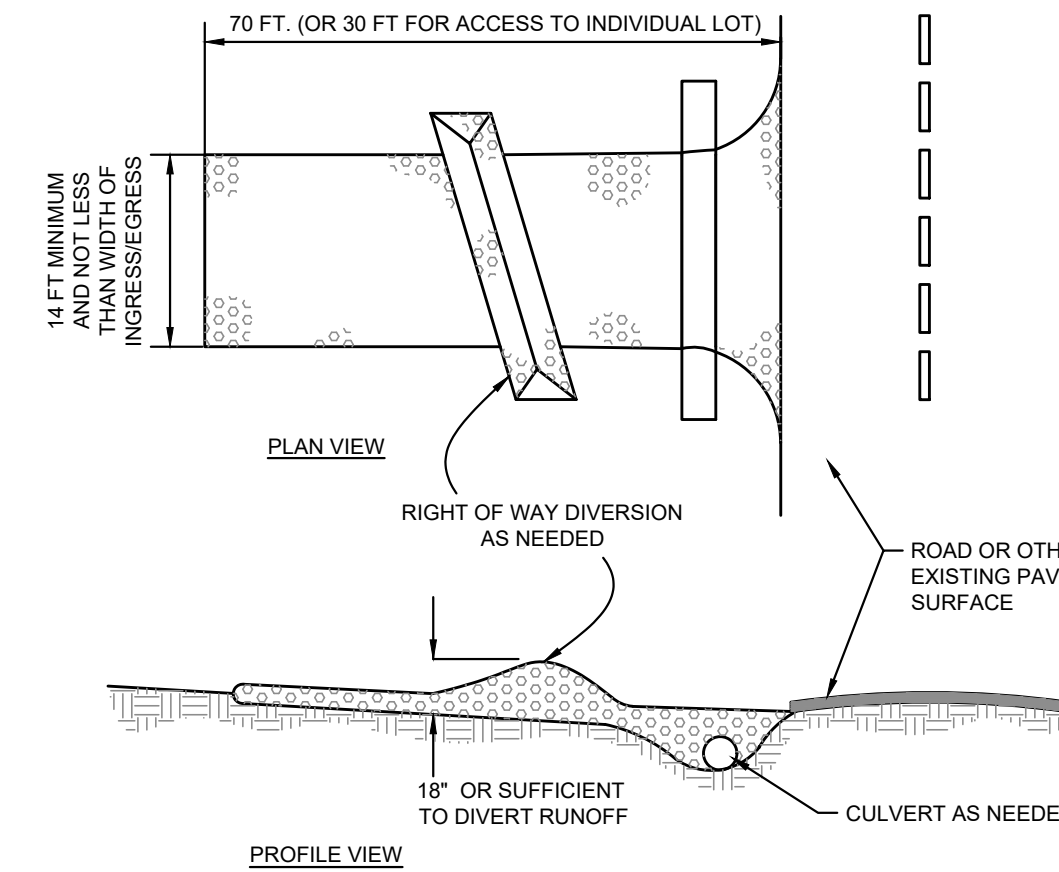
INSTALLATION: THE EMPTY DANDY BAG SHOULD BE PLACED OVER THE GRATE AS THE GRATE STANDS ON END. IF USING OPTIONAL OIL ABSORBENTS: PLACE ABSORBENT PILLOW IN POUCH, ON THE BOTTOM (BELOW-GRADE SIDE) OF THE UNIT. ATTACH ABSORBENT PILLOW TO TETHER LOOP. TUCK THE ENCLOSURE FLAP INSIDE TO COMPLETELY ENCLOSE THE GRATE. HOLDING THE LIFTING DEVICES (DO NOT RELY ON LIFTING DEVICES TO SUPPORT THE ENTIRE WEIGHT OF THE GRATE), PLACE THE GRATE INTO ITS FRAME.

MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE DANDY BAG AS NEEDED. IF USING OPTIONAL OIL ABSORBENTS: REMOVE AND REPLACE ABSORBENT PILLOW WHEN NEAR SATURATION.

DANDY BAG DETAIL
N.T.S.



CONCRETE WASHOUT DETAIL
N.T.S.



NOTES

1. STONE SIZE - ODOT #2 (1.5-2.5 INCH) STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - THE CONSTRUCTION ENTRANCE SHALL BE AS LONG AS REQUIRED TO STABILIZE HIGH TRAFFIC AREAS BUT NOT LESS THAN 70 FT. (EXCEPTION: APPLY 30 FT. MINIMUM TO SINGLE RESIDENCE LOTS).
3. THICKNESS - THE STONE LAYER SHALL BE AT LEAST 6 INCHES THICK FOR LIGHT DUTY ENTRANCES OR AT LEAST 10 INCHES FOR HEAVY DUTY USE.
4. WIDTH - THE ENTRANCE SHALL BE AT LEAST 14 FEET WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. GEOTEXTILE - A GEOTEXTILE SHALL BE LAID OVER THE ENTIRE THICK FOR LIGHT DUTY ENTRANCES OR AT LEAST 10 INCHES FOR HEAVY DUTY USE. IT SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS AND MEET THE FOLLOWING SPECIFICATIONS:

MINIMUM TENSILE STRENGTH.....	200 LBS
MINIMUM PUNCTURE STRENGTH.....	80 LBS
MINIMUM TEAR STRENGTH.....	50 LBS
MINIMUM BURST STRENGTH.....	320 PSI
MINIMUM ELONGATION.....	20%
EQUIVALENT OPENING SIZE.....	EOS< 0.6MM
PERMITTIVITY.....	1X10 ⁻² CM/SEC
6. TIMING - THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS SOON AS IS PRACTICABLE BEFORE MAJOR GRADING ACTIVITIES.
7. CULVERT - A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FROM FLOWING ACROSS THE ENTRANCE OR TO PREVENT RUNOFF FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
8. WATER BAR - A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
9. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR THE WASHING AND REWORKING OF EXISTING STONE AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVE IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
10. CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION-SITE SHALL BE RESTRICTED FROM MUDDY AREAS.
11. REMOVAL - THE ENTRANCE SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY OR ENTRANCE.

CONSTRUCTION ENTRANCE DETAIL
N.T.S.

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DUBLIN, OHIO

PROJECT NO: 200915.000

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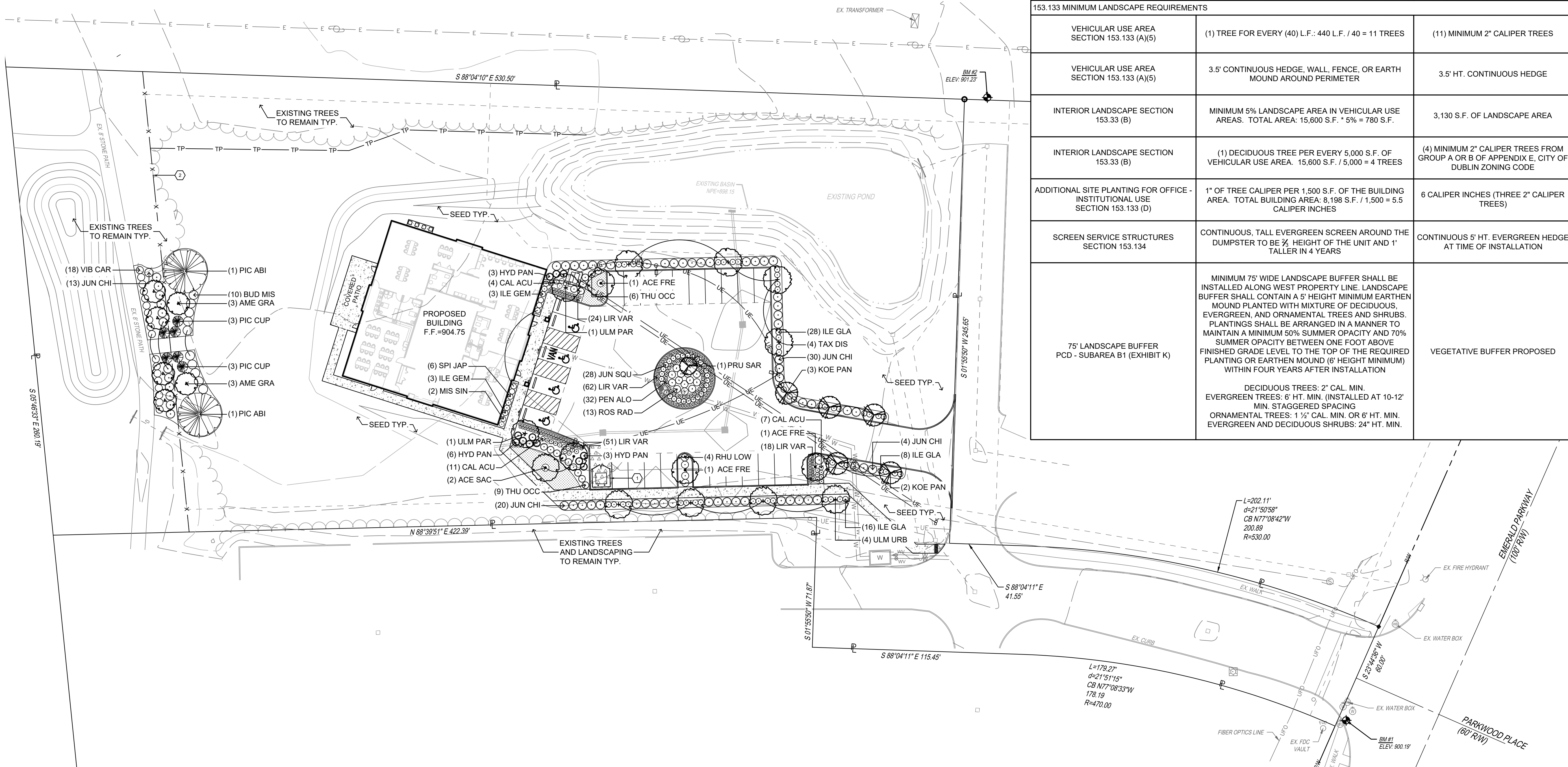
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EROSION CONTROL NOTES & DETAILS



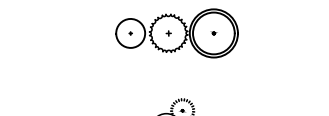
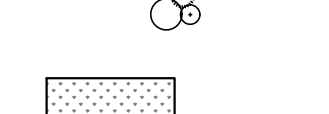

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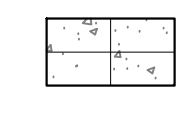
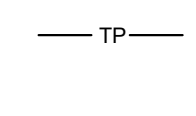
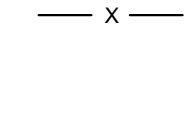


CITY OF DUBLIN, OHIO LANDSCAPE ZONING REQUIREMENTS		
PUD DISTRICT	REQUIRED	PROPOSED
153.133 MINIMUM LANDSCAPE REQUIREMENTS		
VEHICULAR USE AREA SECTION 153.133 (A)(5)	(1) TREE FOR EVERY (40) L.F.: 440 L.F. / 40 = 11 TREES	(11) MINIMUM 2" CALIPER TREES
VEHICULAR USE AREA SECTION 153.133 (A)(5)	3.5' CONTINUOUS HEDGE, WALL, FENCE, OR EARTH MOUND AROUND PERIMETER	3.5' HT. CONTINUOUS HEDGE
INTERIOR LANDSCAPE SECTION 153.33 (B)	MINIMUM 5% LANDSCAPE AREA IN VEHICULAR USE AREAS. TOTAL AREA: 15,600 S.F. * 5% = 780 S.F.	3,130 S.F. OF LANDSCAPE AREA
INTERIOR LANDSCAPE SECTION 153.33 (B)	(1) DECIDUOUS TREE PER EVERY 5,000 S.F. OF VEHICULAR USE AREA. 15,600 S.F. / 5,000 = 4 TREES	(4) MINIMUM 2" CALIPER TREES FROM GROUP A OR B OF APPENDIX E, CITY OF DUBLIN ZONING CODE
ADDITIONAL SITE PLANTING FOR OFFICE-INSTITUTIONAL USE SECTION 153.133 (D)	1" OF TREE CALIPER PER 1,500 S.F. OF THE BUILDING AREA. TOTAL BUILDING AREA: 8,198 S.F. / 1,500 = 5.5 CALIPER INCHES	6 CALIPER INCHES (THREE 2" CALIPER TREES)
SCREEN SERVICE STRUCTURES SECTION 153.134	CONTINUOUS, TALL EVERGREEN SCREEN AROUND THE DUMPSTER TO BE 3/4 HEIGHT OF THE UNIT AND 1' TALLER IN 4 YEARS	CONTINUOUS 5' HT. EVERGREEN HEDGE AT TIME OF INSTALLATION
75' LANDSCAPE BUFFER PCD - SUBAREA B1 (EXHIBIT K)	MINIMUM 75' WIDE LANDSCAPE BUFFER SHALL BE INSTALLED ALONG WEST PROPERTY LINE. LANDSCAPE BUFFER SHALL CONTAIN A 5' HEIGHT MINIMUM EARTHEN MOUND PLANTED WITH MIXTURE OF DECIDUOUS, EVERGREEN, AND ORNAMENTAL TREES AND SHRUBS. PLANTINGS SHALL BE ARRANGED IN A MANNER TO MAINTAIN A MINIMUM 50% SUMMER OPACITY AND 70% SUMMER OPACITY BETWEEN ONE FOOT ABOVE FINISHED GRADE LEVEL TO THE TOP OF THE REQUIRED PLANTING OR EARTHEN MOUND (6' HEIGHT MINIMUM) WITHIN FOUR YEARS AFTER INSTALLATION DECIDUOUS TREES: 2" CAL. MIN. EVERGREEN TREES: 6' HT. MIN. (INSTALLED AT 10-12' MIN. STAGGERED SPACING) ORNAMENTAL TREES: 1 1/2" CAL. MIN. OR 6' HT. MIN. EVERGREEN AND DECIDUOUS SHRUBS: 24" HT. MIN.	VEGETATIVE BUFFER PROPOSED

PLANT MATERIAL

-  DECIDUOUS TREE, TYP. 7
L101
-  EVERGREEN TREE, TYP. 6
L101
-  SHRUBS, TYP. 4-5
L101
-  PERENNIALS AND ORNAMENTAL GRASSES, TYP. 2-3
L101
-  SODDED TURF TYP.

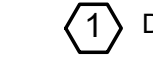

SURFACE ITEMS

-  STANDARD CONCRETE TYP. SEE CIVIL DRAWINGS
-  TP TREE PROTECTION FENCE
-  X SPLIT RAIL FENCE

PLANTING NOTE

1. SEE SHEET L101 FOR PLANT SCHEDULE, PLANTING NOTES, AND DETAILS.

CONSTRUCTION NOTES:

-  DUMPSTER ENCLOSURE, SEE SHEET L102
-  PROPOSED 3 1/2' HIGH SPLIT RAIL FENCE WITH WIRE MESH, PER EXHIBIT "L"



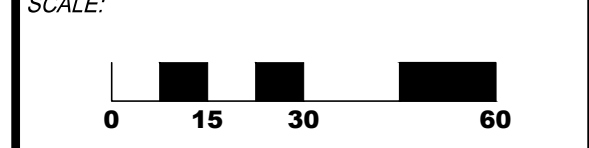
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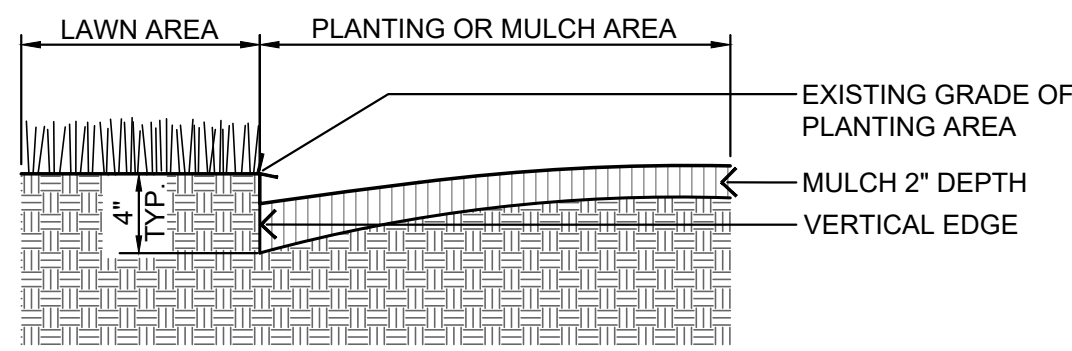


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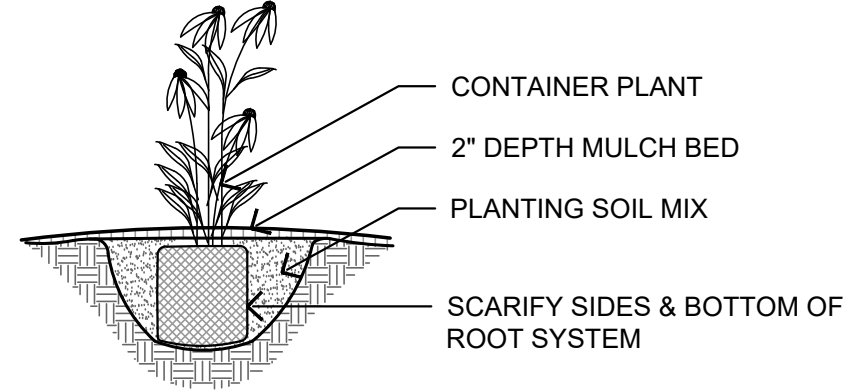
LANDSCAPE PLAN

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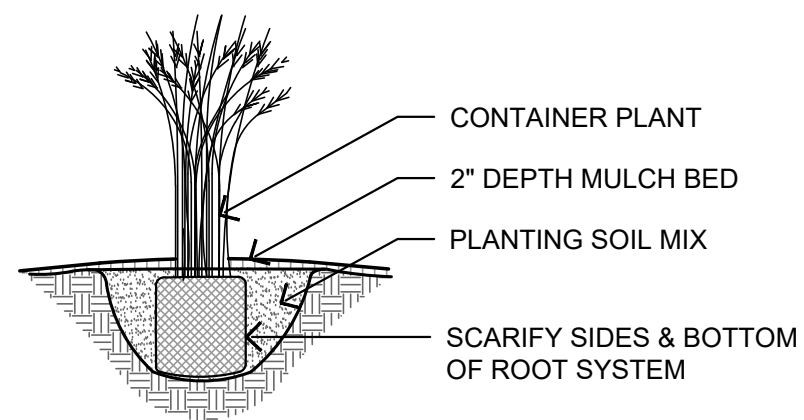




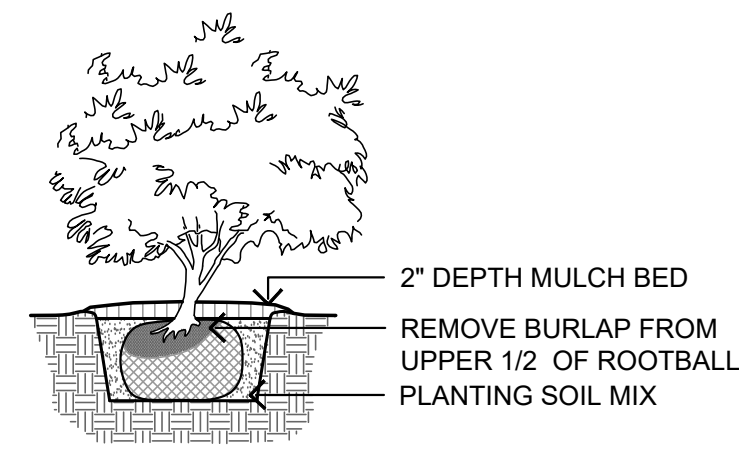
1 PLANTING BED EDGING DETAIL
N.T.S.



2 PERENNIAL PLANTING
N.T.S.



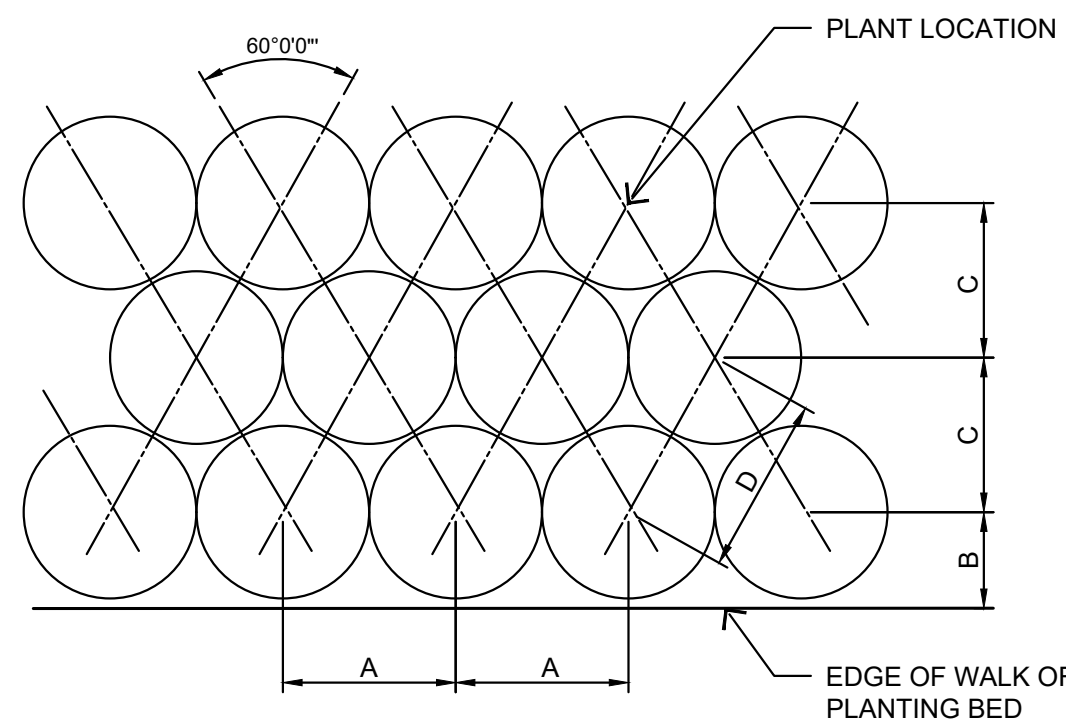
3 ORNAMENTAL GRASS PLANTING
N.T.S.



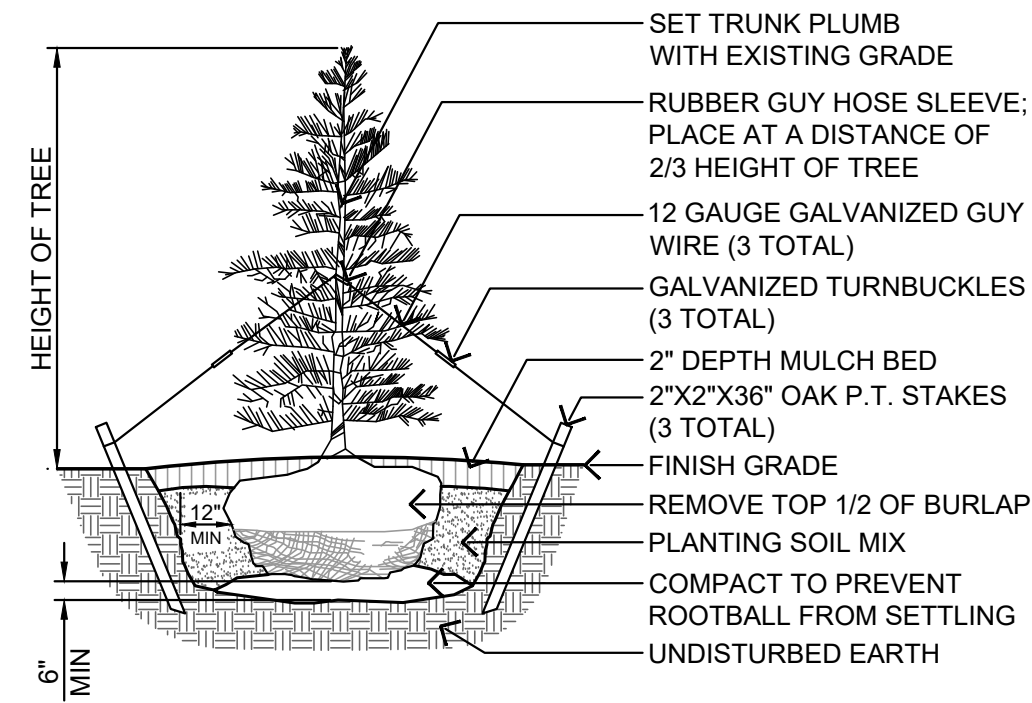
4 SHRUB PLANTING
N.T.S.

SPACING	A	B	C	D
12"	12"	6"	10"	12"
18"	18"	8"	15"	18"
24"	24"	10"	20"	24"
30"	30"	15"	25"	30"
36"	36"	18"	31"	36"
48"	48"	21"	41"	48"

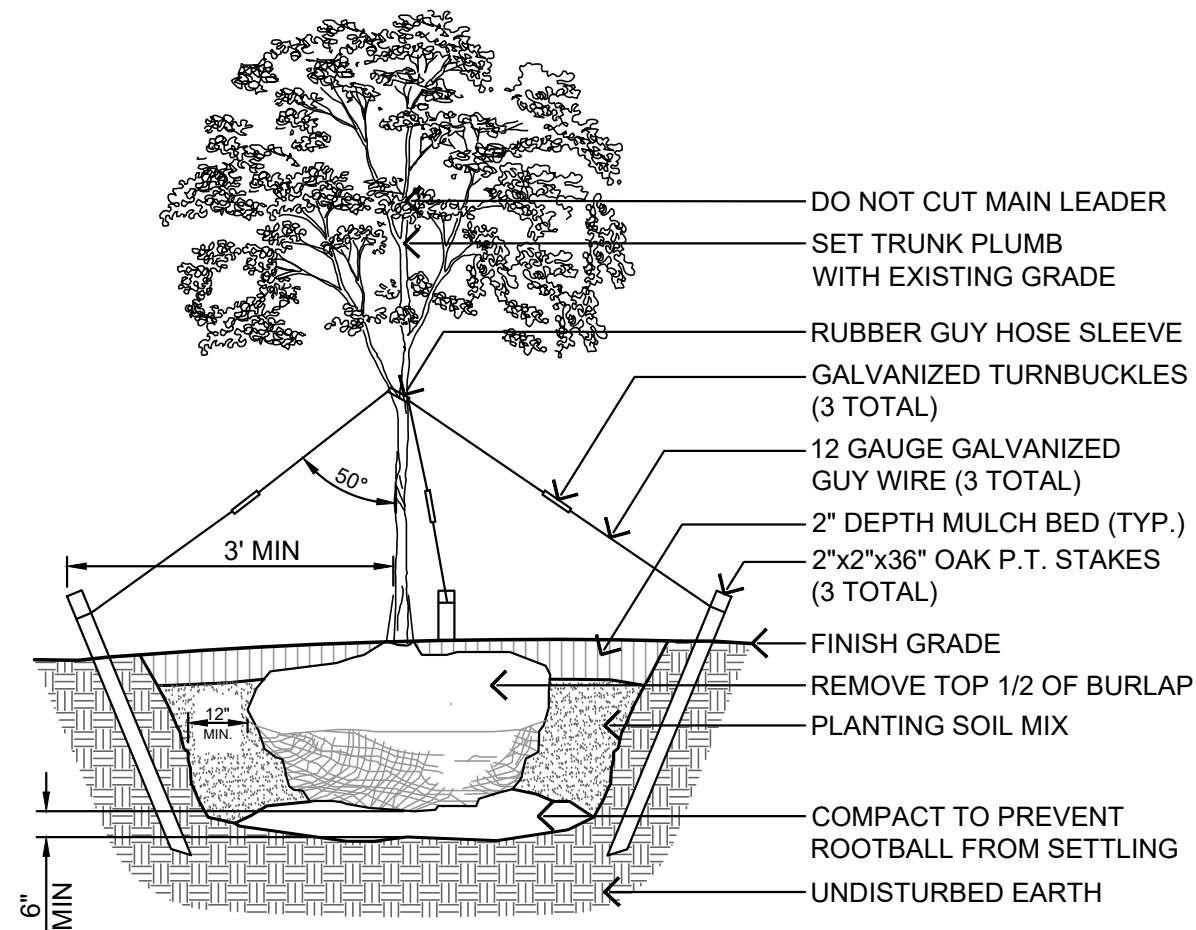
A = SPACING
B = SP/2
C = SP/1.2
D = SPACING



5 SHRUB PLANTING
N.T.S.



6 EVERGREEN TREE PLANTING
N.T.S.



7 DECIDUOUS TREE PLANTING
N.T.S.

NOTES:
1. TOP OF ROOT BALL TO BE 2'-3" ABOVE ADJACENT FINISHED GRADE.
2. REMOVE ALL LABELS, TAGS, OR OTHER FOREIGN MATERIALS FROM LIMBS.
3. REMOVE GUY WIRES, TURNBUCKLES, HOSE AND STAKES 1 YEAR AFTER PLANTING.
4. THE AMOUNT OF PRUNING SHALL BE LIMITED TO THE MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS AND BRANCHES AND TO COMPENSATE FOR THE LOSS OF ROOTS DURING TRANSPLANTING. RETAIN NORMAL SHAPE OF TREE. OWNER'S REPRESENTATIVE WILL DETERMINE AMOUNT OF PRUNING NECESSARY. PLANT TREES AT SAME GRADE AS GROWN IN THE NURSERY.

PLANTING NOTES

- EACH CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES.
- CONTRACTOR SHALL VERIFY ALL PLANTING CONDITIONS FOR OBSTRUCTIONS, EXISTING TREE CANOPY COVERAGE, AND OVERHEAD ELECTRICAL POWER LINES PRIOR TO PLANTING. IF ADVERSE PLANTING CONDITIONS ARE OBSERVED, CONTACT THE OWNER'S REPRESENTATIVE IMMEDIATELY.
- ALL SHRUB MASSES TO BE INCORPORATED BY A CONTINUOUS MULCH BED TO LIMITS SHOWN AND AS SPECIFIED. MULCH BEDS TO HAVE A NEAT, EDGED APPEARANCE.
- SUBSURFACE IMPROVEMENTS SHALL BE OBSERVED. THE CONTRACTOR SHALL CONTACT THE OHIO UTILITIES PROTECTION SERVICE (OUPS) 48 HOURS PRIOR TO ANY EXCAVATION OR DIGGING TO ENSURE THE LOCATION OF UNDERGROUND UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT SUCH UNDERGROUND UTILITIES.
- ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE FINE GRADED AND SEEDED.
- ALL TREES WITHIN A SPECIES SHALL HAVE MATCHING FORM.
- THE CONTRACTOR SHALL ENSURE THAT ALL NEWLY PLANTED TREES ARE PERFECTLY ALIGNED AND SET PLUMB WITH PROPER RELATIONSHIP TO THE SURROUNDING GRADE. CONFIRM FINISHED GRADE PRIOR TO PLANTING.
- ALL PLANT MATERIAL SHALL BE OF THE SIZE AND TYPE SPECIFIED. IF SUBSTITUTIONS ARE APPROVED BY THE OWNER'S REPRESENTATIVE, THE SIZE AND GRADING STANDARDS SHALL CONFORM TO THOSE OF THE AMERICAN ASSOCIATION OF NURSERYMEN.

PLANT SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
DECIDUOUS TREES:					
ACE FRE	ACER x FREEMANII 'JEFFERSRED'	AUTUMN BLAZE MAPLE	2" CAL. MIN.	B&B	
ACE SAC	ACER SACCHARUM 'GREEN MOUNTAIN'	GREEN MOUNTAIN SUGAR MAPLE	2" CAL. MIN.	B&B	
KOE PAN	KOELREUTERIA PANICULATA	GOLDEN RAIN TREE	2" CAL. MIN.	B&B	PLANT 25' O.C.
PRU SAR	PRUNUS SARGENTII 'COLUMNARIS'	COLUMNAR SARGENT CHERRY	2" CAL. MIN.	B&B	
TAX DIS	TAXODIUM DISTICHUM	BALD CYPRESS	2" CAL. MIN.	B&B	
ULM PAR	ULMUS PARVIFOLIA	LACEBARK ELM	2" CAL. MIN.	B&B	
ULM URB	ULMUS x 'URBAN'	URBAN ELM	2" CAL. MIN.	B&B	
EVERGREEN TREES:					
PIC ABI	PICEA ABIES	NORWAY SPRUCE	6' HT. MIN.	B&B	
PIC CUP	PICEA ABIES 'CUPRESSINA'	COLUMNAR NORWAY SPRUCE	6' HT. MIN.	B&B	
ORNAMENTAL TREES:					
AME GRA	AMELANCHIER x GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	1.5" CAL. MIN.	B&B	
SHRUBS:					
BUD MIS	BUDDLEIA x 'MISS MOLLY'	MISS MOLLY BUTTERFLY BUSH	24" HT. MIN.	CONT.	SPACE 5' O.C.
HYD PAN	HYDRANGEA PANICULATA 'LIMELIGHT'	LIMELIGHT HYDRANGEA	24" HT. MIN.	CONT.	PLANT 4' O.C.
ILE GEM	ILEX GLABRA 'GEM BOX'	GEM BOX INKBERRY	24" HT. MIN.	CONT.	PLANT 3' O.C.
ILE GLA	ILEX GLABRA 'SHAMROCK'	SHAMROCK HOLLY	42" HT. MIN.	B&B	PLANT 3' O.C.
JUN CHI	JUNIPERUS CHINENSIS 'SEA GREEN'	SEA GREEN JUNIPER	42" HT. MIN.	B&B	PLANT 5' O.C.
JUN SQU	JUNIPERUS SQUAMATA 'BLUE STAR'	BLUE STAR JUNIPER	12" HT. MIN.	CONT.	PLANT 3' O.C.
RHU ARO	RHUS AROMATICA 'GRO-LOW'	GRO-LOW SUMAC	18" HT. MIN.	CONT.	PLANT 4' O.C.
ROS RAD	ROSA RADRAZZ	KNOCKOUT ROSE	18" HT. MIN.	CONT.	PLANT 4' O.C.
SPI JAP	SPIRAEA JAPONICA 'CANDY CORN'	CANDY CORN SPIREA	18" HT. MIN.	CONT.	PLANT 3' O.C.
THU OCC	THUJA OCCIDENTALIS 'TECHNY'	MISSION ARBORVITAE	60" HT. MIN.	B&B	PLANT 4' O.C.
VIB CAR	VIBURNUM CARLESII 'COMPACTUM'	COMPACT KOREAN SPICE VIBURNUM	24" HT. MIN.	CONT.	SPACE 4' O.C.
PERENNIALS AND ORNAMENTAL GRASSES:					
CAL ACU	CALAMAGOSTIS x ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	#2	CONT.	PLANT 30" O.C.
LIR MUS	LIRIOPE MUSCARI 'VARIEGATA'	VARIEGATED LIRIOPE	#2	CONT.	PLANT 18" O.C.
MIS SIN	MISCANTHUS SINENSIS 'PURPURASCENS'	FLAME GRASS	#2	CONT.	PLANT 36" O.C.
PEN ALO	PENNISETUM ALOPECUROIDES 'HAMELN'	HAMELN DWARF FOUNTAIN GRASS	#1	CONT.	PLANT 36" O.C.
TURFGRASS SEED / SOD: SEE SPECIFICATIONS					

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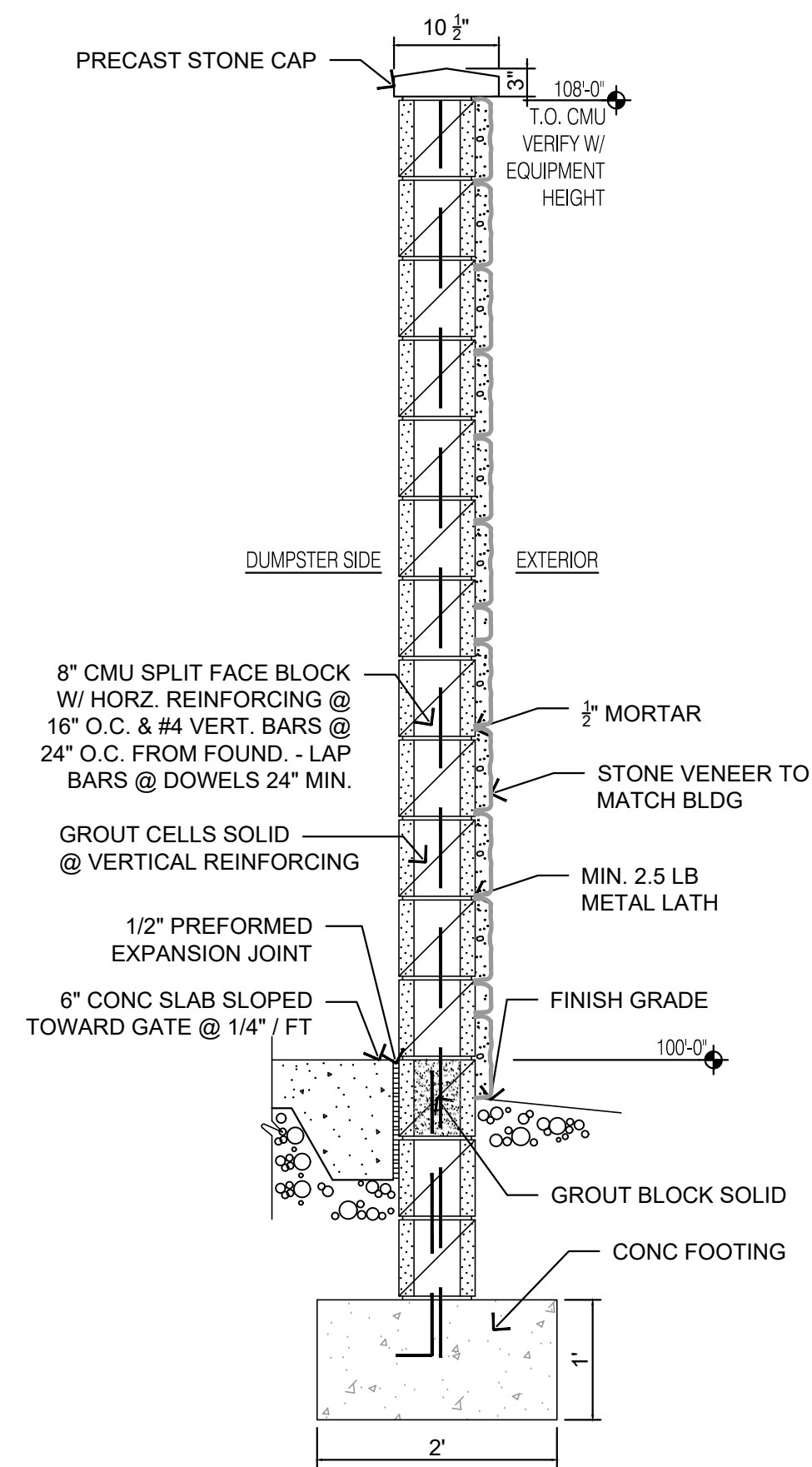
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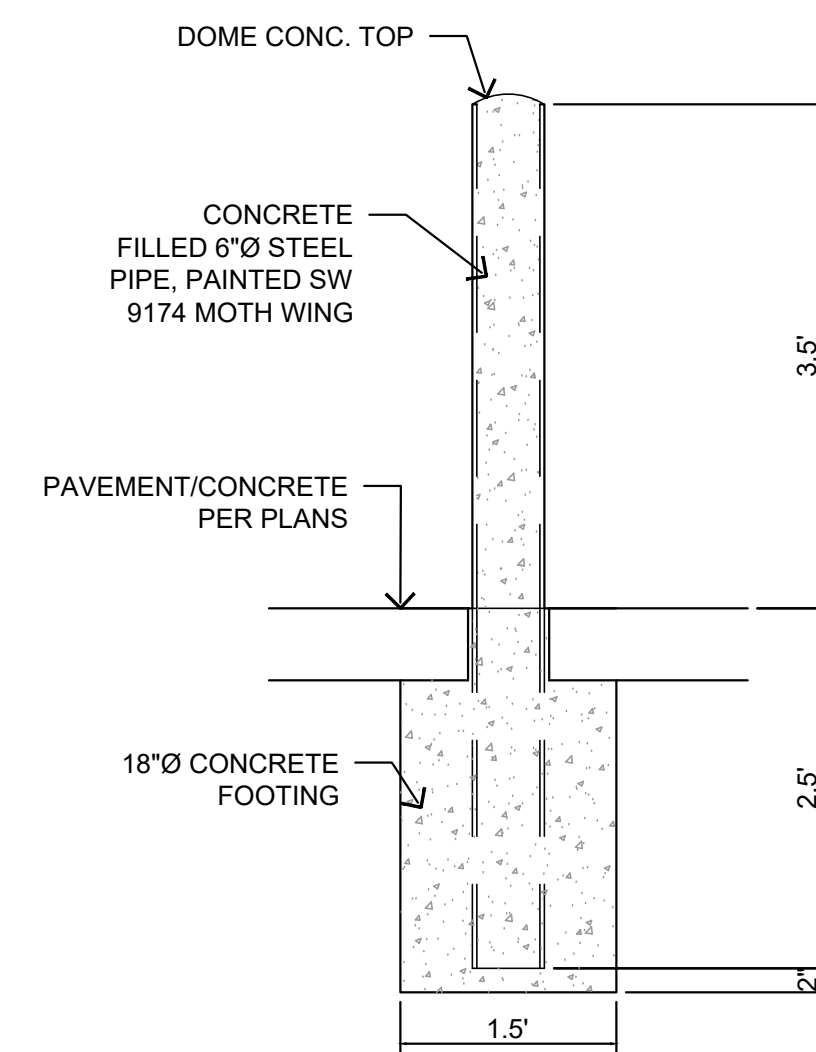
LANDSCAPE NOTES & DETAILS

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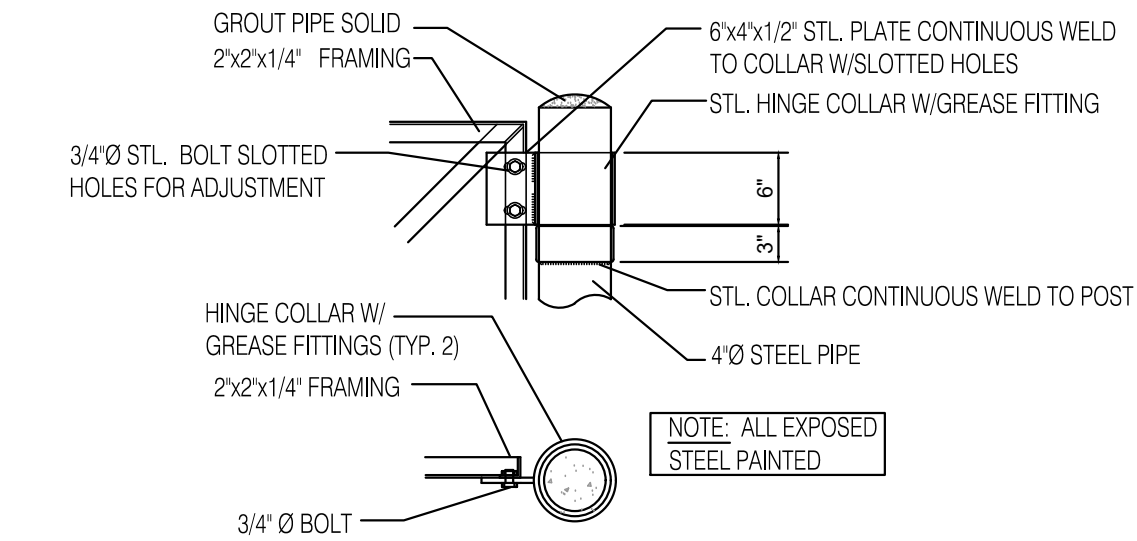
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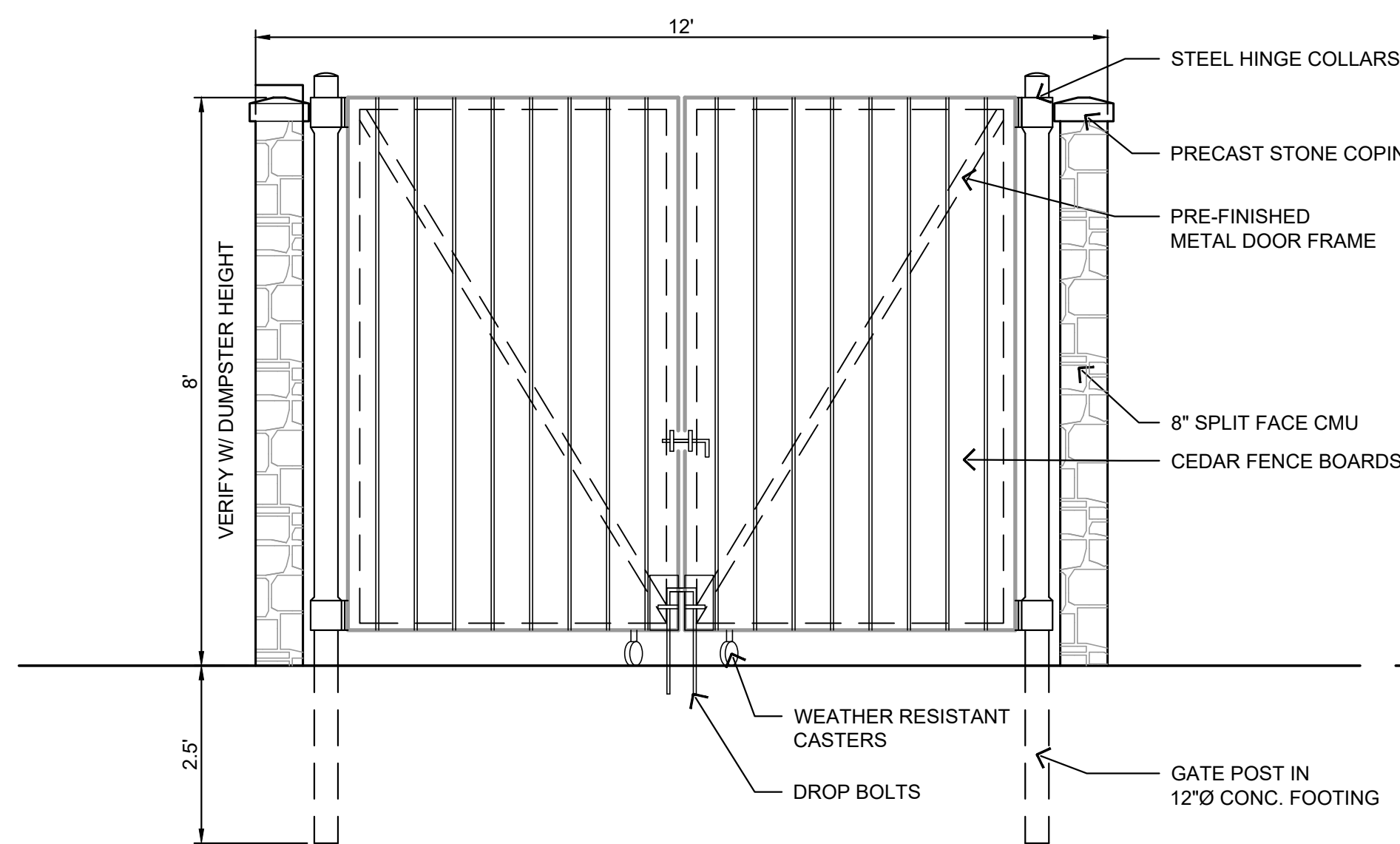
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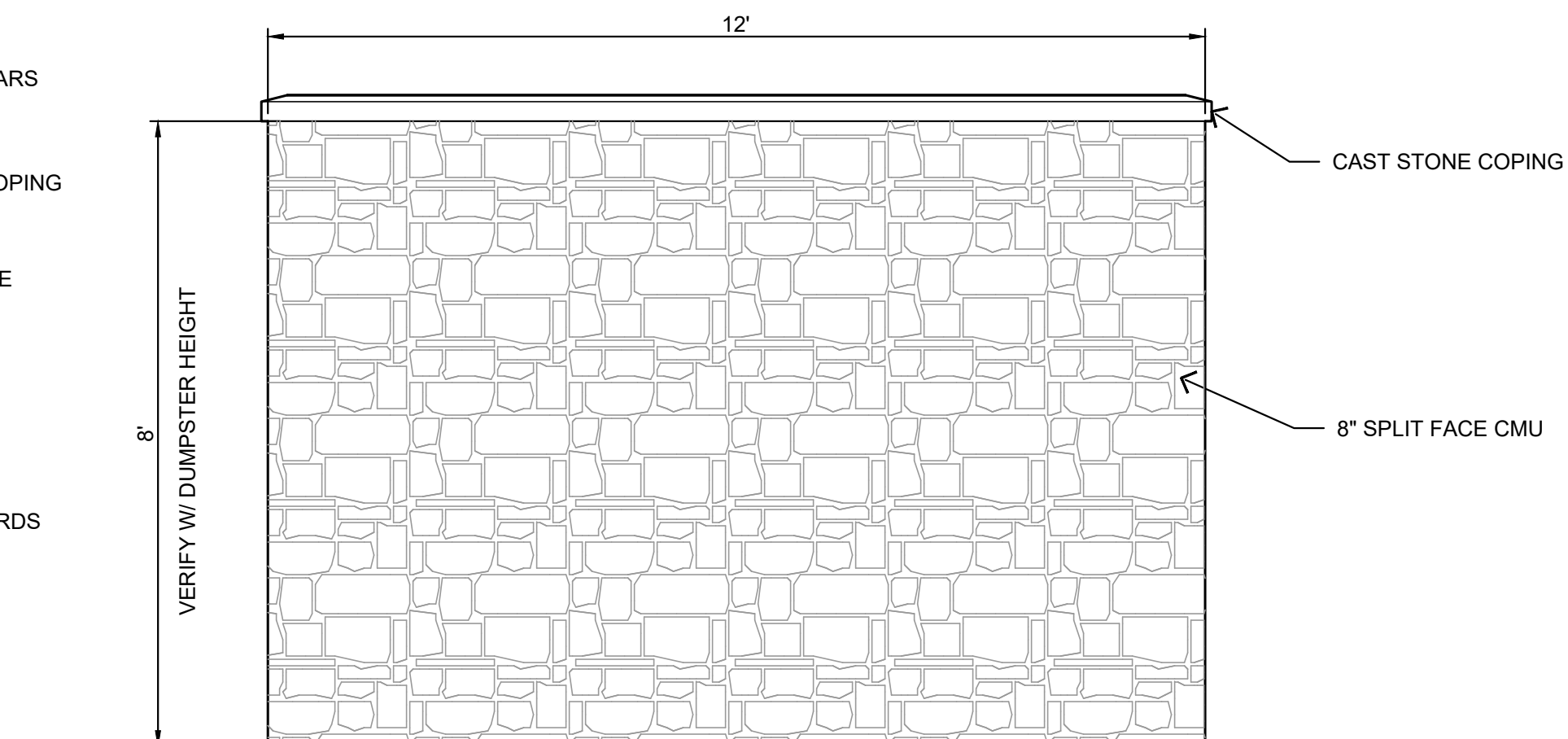
BOLLARD SECTION



HINGE DETAIL



GATE ELEVATION



ENCLOSURE ELEVATION

1 DUMPSTER ENCLOSURE
N.T.S.

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SCALE:

SHEET NAME:

DUMPSTER ENCLOSURE DETAILS

SHEET NO.

L102

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. EACH CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, TEST AND INSPECTIONS FOR HIS OWN WORK, WHICH HAVE NOT BEEN PREVIOUSLY PAID FOR, AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
2. CONTRACTOR SHALL SUPERVISE THE WORK DURING PROGRESS AND SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND CONSTRUCTION SAFETY. COMPLIANCE TO BE IN ACCORDANCE WITH ALL STATE, FEDERAL AND OSHA REGULATIONS.
3. CONTRACTORS SHALL VISIT SITE AND BECOME FAMILIAR WITH TENANT STANDARDS AND EXISTING CONDITIONS AS MAY AFFECT HIS OWN WORK. EACH CONTRACTOR SHALL COORDINATE HIS OWN WORK WITH THAT OF OTHER TRADES. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, INCLUDING EXISTING SITE. CONDITION: ALL ERRORS, OMISSIONS AND INCONSISTENCIES ARE TO BE REPORTED TO THE ARCHITECT OR CONSTRUCTION MANAGER BEFORE PROCEEDING WITH THE WORK. THESE DRAWINGS ARE NOT TO BE SCALED. IF INSUFFICIENT INFORMATION EXISTS, CONTACT THE ARCHITECT OR CONSTRUCTION MANAGER FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
4. EACH CONTRACTOR SHALL FURNISH ALL CUTTING AND PATCHING REQUIRED FOR HIS OWN WORK. NO CUTTING SHALL BE PERFORMED WITHOUT PRIOR APPROVAL.
5. ALL WORK PASSING THROUGH FIRE WALLS TO BE SEALED IN ACCORDANCE WITH NFPA STANDARDS.
6. CONTRACTOR AND ALL SUBCONTRACTORS SHALL MAINTAIN THE JOB CLEAR OF TRASH AND DEBRIS. ALL WASTE MATERIAL, TOOLS, CONSTRUCTION EQUIPMENT AND SURPLUS MATERIAL SHALL BE REMOVED FROM SITE PRIOR TO SUBSTANTIAL COMPLETION AND FINAL ACCEPTANCE.
7. CONTRACTOR SHALL PRESENT THE PROJECT TO THE OWNER FOR ACCEPTANCE. CLEAN AND READY FOR USE. ALL GLASS TO BE CLEANED, FLOORS SWEEPED BROOM CLEAN, FIXTURES WASHED AND LABELS REMOVED FROM ALL ITEMS.
8. DELIVERIES: CONTRACTOR SHALL SCHEDULE THE DELIVERY OF MATERIALS WITH THE BUILDING'S PROPERTY MANAGEMENT DEPARTMENT. DAMAGE TO WALLS, DOORS, FRAMES AND ELEVATORS CAUSED BY DELIVERY OF MATERIALS SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
9. CLEAN-UP: CLEAN-UP AND DEBRIS WILL BE REMOVED FROM THE CONSTRUCTION AREA DAILY. CONTRACTOR WILL PROVIDE A FINAL CLEAN-UP AT THE COMPLETION OF THE PROJECT, WHICH SHALL INCLUDE:
 - A. WASHING OF BOTH SIDES OF INTERIOR GLASS.
 - B. WASHING OF INTERIOR SIDE OF PERIMETER GLASS CURTAIN WALL.
 - C. DUSTING OF ALL VERTICAL AND HORIZONTAL WALLS AND SURFACES.
 - D. VACUUM AND CLEAN INTERIOR AND EXTERIOR OF PERIMETER INDUCTION UNITS, INCLUDING FAN UNIT AND COIL.
 - E. WALL INTERIOR AND EXTERIOR SURFACES OF ALL LIGHT FIXTURES.
 - F. VACUUM ALL CARPETED AREAS, USE CREVICE TOOL AT ALL EDGES AND SPOT CLEAN SPILLS FROM ALL EDGES.
 - G. DUST AND DAMP MOP ALL VCT FLOOR TILE.
 - H. WASH INTERIOR AND EXTERIOR SURFACES OF CABINETS AND COUNTERTOPS, INCLUDING SINKS AND FAUCETS.
 - I. CLEAN RESTROOMS INCLUDING FLOORS, WALLS, COUNTER, TOILET PARTITION AND ALL PLUMBING FIXTURES.
10. ALL DIMENSIONS SHOWN ON THE DRAWINGS ARE FROM INSIDE FACE OF STUD TO INSIDE FACE OF STUD, UNLESS NOTED OTHERWISE.
11. CONTRACTORS SHALL VERIFY AND CHECK ALL DIMENSIONS AND CONDITIONS ON THE JOB PRIOR TO COMMENCING WORK, AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT.
12. ALL COLUMNS SHALL BE FURRED OUT TO A MINIMUM THICKNESS, TO ENSURE THAT THEY ARE PLUMB AND SQUARE. ANY CHANGE OF SPECIFIED DIMENSIONS SHALL BE REPORTED TO THE ARCHITECT.
13. INTERIOR PERIMETER MASONRY WALLS SHALL BE FURRED OUT, INSULATED, AND FINISHED TO MATCH THE SELECTED TENANT FINISHES, U.N.O.
14. UNFINISHED INTERIOR TENANT SEPARATION WALLS SHALL BE INSULATED AND FINISHED TO MATCH THE SELECTED TENANT FINISHES, U.N.O.
15. ALL NEW DOORS SHALL BE BUILDING STANDARD, STAINED AND FINISHED TO MATCH EXISTING, U.N.O.
16. DOOR FRAME ROUGH OPENING HEIGHT SHALL BE 7'-1" FROM THE SLAB TO THE METAL STUD HEADER FOR 7'-0" INTERIOR DOORS, U.N.O.
17. ALL LOCKS SHALL BE OF A TYPE WHICH WILL NOT REQUIRE THE USE OF A KEY OR SIMILAR DEVICE TO PERMIT EGRESS. THE LATCHES OR BOLTS SHALL BE RETRACTED FROM THE KEEPERS BY THE USE OF A LEVER, WHICH ANY PERSON CAN OPERATE WITH REASONABLE EASE AND WITHOUT INSTRUCTION.
18. REPLACE EXISTING KNOB TYPE HARDWARE WITH A.D.A. APPROVED LEVER TYPE HARDWARE TO MATCH THE BUILDING STANDARD FINISH.

DOOR SCHEDULE

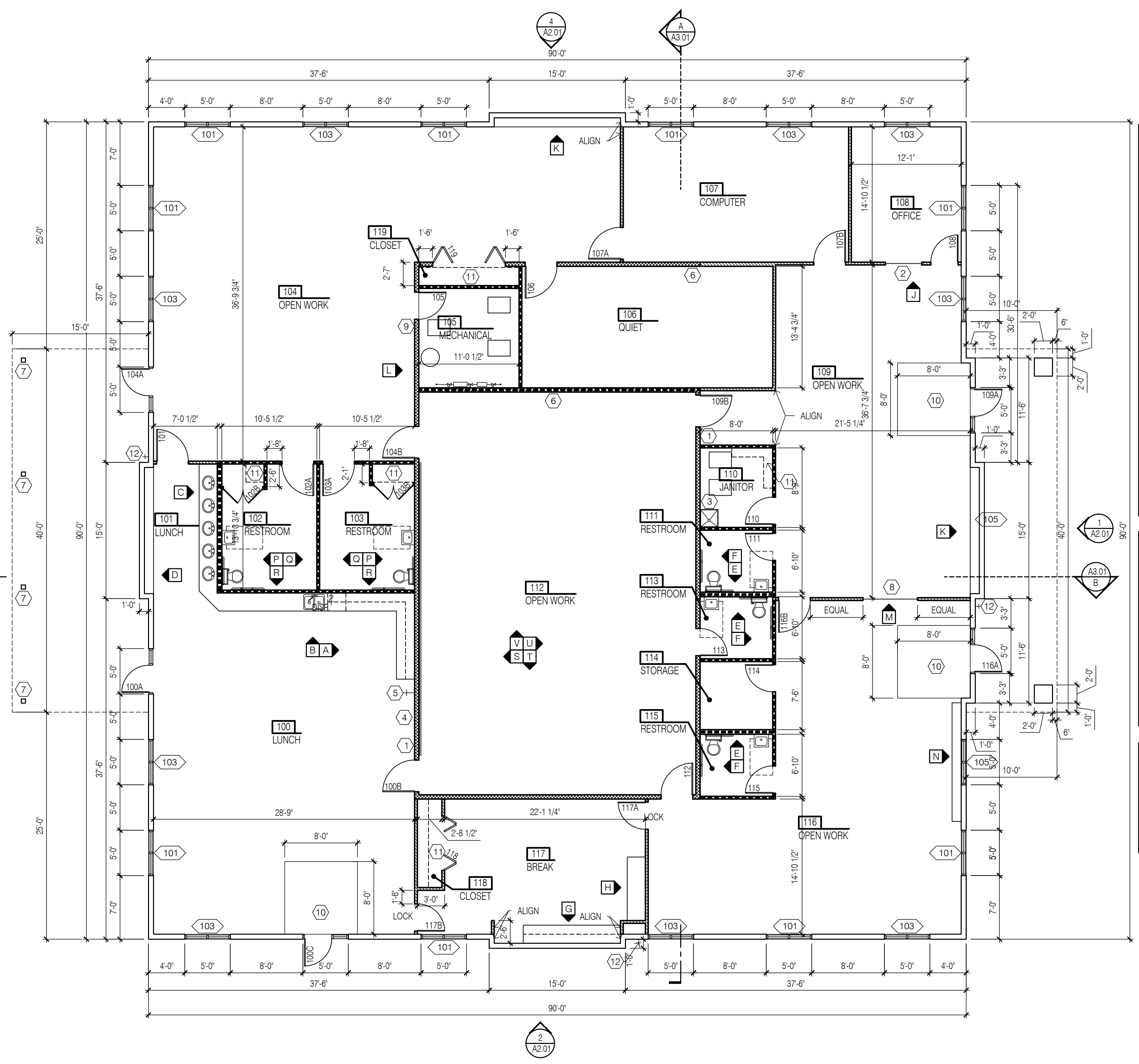
DOOR MARK	DOOR		TYPE	MATERIAL	FRAME	HDW. SET NO.	REMARKS
	SIZE	THK					
100A	3'-0" x 7'-0"	1 3/4"	C	ALUM./GL.	ALUM.	1	
100B	3'-6" x 7'-0"	1 3/4"	B	S.C. WD.	H.M.	2	
100C	3'-0" x 7'-0"	1 3/4"	D	ALUM./GL.	ALUM.	6	
101	3'-6" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	2	
102A	3'-6" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	3	
102B	2'-2" x 7'-0" - PAIR	1 3/4"	F	H.C. WD.	H.M.	9	
103A	3'-6" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	3	
103B	2'-2" x 7'-0" - PAIR	1 3/4"	F	H.C. WD.	H.M.	9	
104A	3'-0" x 7'-0"	1 3/4"	C	ALUM./GL.	ALUM.	1	
104B	3'-6" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	2	
105	3'-0" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	4	
106	3'-6" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	2	
107A	3'-6" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	2	
107B	3'-6" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	2	
108	3'-0" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	5	
109A	3'-0" x 7'-0"	1 3/4"	G	ALUM./GL.	ALUM.	1	
109B	3'-6" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	2	
110	3'-0" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	4	
111	3'-0" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	3	
112	3'-6" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	2	
113	3'-0" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	3	
114	3'-0" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	3	
115	3'-0" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	3	
116A	3'-0" x 7'-0"	1 3/4"	G	ALUM./GL.	ALUM.	6	
116B	3'-6" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	2	
117A	3'-0" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	8	
117B	3'-0" x 7'-0"	1 3/4"	A	S.C. WD.	H.M.	8	
118	3'-0" x 7'-0" - PAIR	1 3/4"	E	H.C. WD.	-	7	BI-FOLD DOORS
119	4'-0" x 7'-0" - PAIR	1 3/4"	E	H.C. WD.	-	7	BI-FOLD DOORS

HARDWARE SCHEDULE

HARDWARE SET #1	HARDWARE SET #6
3 BUTTS	6 BUTTS
1 LEVER STYLE CLASSROOM LOCKSET	1 LEVER STYLE CLASSROOM LOCKSET
1 CLOSER	1 CLOSER
1 SET WEATHERSTRIPPING	1 ELECTRIC STRIKE
1 ALUM. THRESHOLD	2 FLUSH-BOLTS
1 STOP	1 SET WEATHERSTRIPPING
	1 ALUM. THRESHOLD
	1 STOP
HARDWARE SET #2	HARDWARE SET #7
3 BUTTS	1 OVERHEAD & BOTTOM TRACK
1 LEVER STYLE PASSAGE SET	6 BUTTS
1 STOP	2 TOP & BOTTOM PIVOTS
	2 DOOR PULLS
HARDWARE SET #3	HARDWARE SET #8
3 BUTTS	1 LEVER STYLE CLASSROOM LOCKSET
1 LEVER STYLE PRIVACY LOCKSET	1 STOP
1 STOP	
HARDWARE SET #4	HARDWARE SET #9
3 BUTTS	3 BUTTS
1 LEVER STYLE STOREROOM LOCKSET	1 LEVER STYLE DUMMY SETS
1 STOP	2 BALL CATCHES
HARDWARE SET #5	HARDWARE SET #10
3 BUTTS	2 LEVER STYLE CYPHER LOCKSET
1 LEVER STYLE CYPHER LOCKSET	2 STOPS
1 STOP	

DOOR HARDWARE SCHEDULE NOTES

1. ALL NEW S.C. WD. DOORS ARE TO BE PRE-FINISHED BIRCH IN CHAPPELL HERRITAGE BROWN STAIN
2. ALL NEW HARDWARE IS TO BE US-260, BRUSHED CHROME FINISH.
3. ALL DOORS (EXIST. & NEW), UNLESS NOTED OTHERWISE ARE LEVER STYLE & MEET ANSI A117-1-2009 SECTION 404.2-6
4. COORDINATE KEYING W/ OWNER. ALL INTERIOR DOORS TO BE KEYED THE SAME.



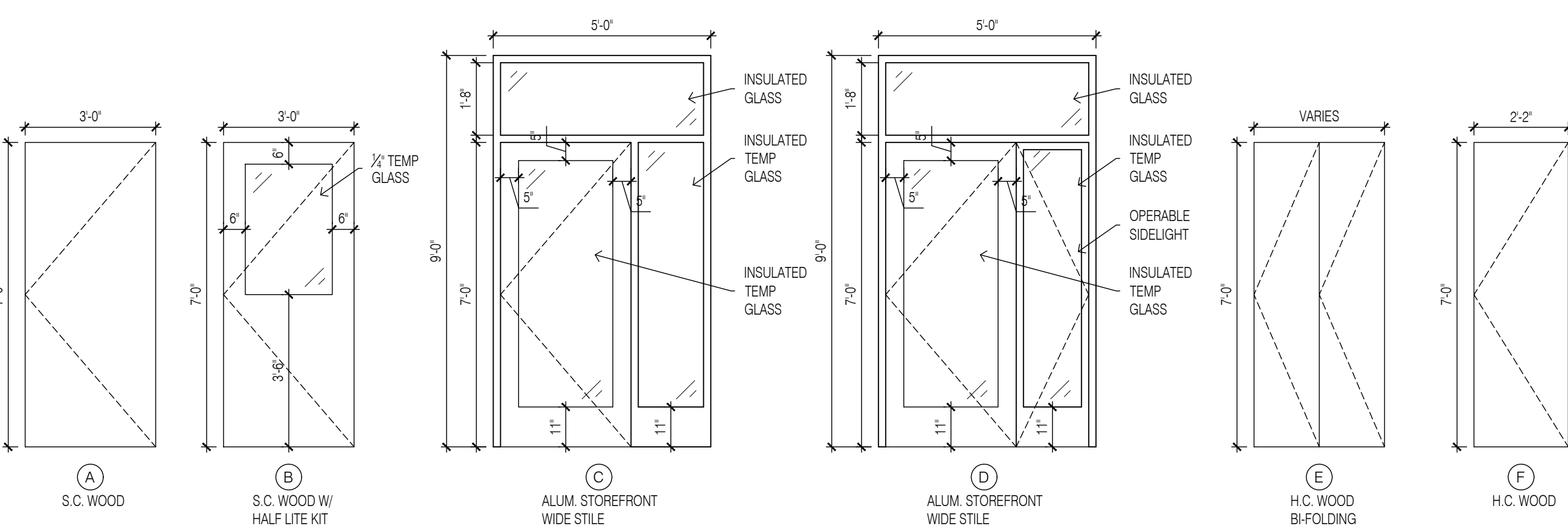
NEW WORK CODED NOTES

1. PROVIDE 5 LB ABC DRY CHEMICAL FIRE EXTINGUISHER
2. 4'-0" x 7'-0" TEMPERED GLASS SIDELIGHT
3. MOP/SERVICE SINK
4. WATER COOLER
5. 1/4" WATERLINE FOR ICE
6. BLOCKING FOR T.V., COORDINATE EXACT LOCATION WITH OWNER. PROVIDE CONDUIT IN WALL FROM TV DOWN TO 18" FOR HDMI & DATA.
7. PREFINISHED ALUM. WRAP OVER NOM. 6X6 WOOD POSTS
8. 6'-0" x 2' WINDOW, SEE ELEV.
9. INSTALL "ELECTRICAL ROOM" SIGN IN 1 INCH WHITE LETTERING ON A DARK BACKGROUND
10. 1-5/8" DEEP ALUMINUM RECESSED ENTRY MAT
11. 12" W PL-1 SHELF @ 60" A.F.F.
12. HOSE BIB LOCATION

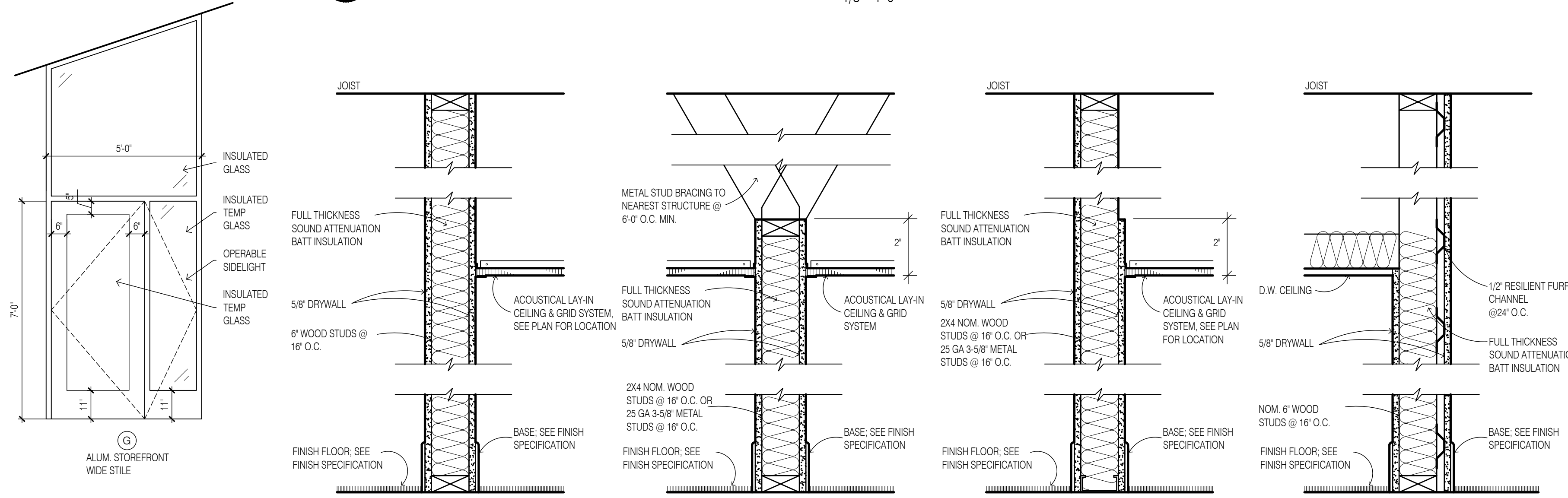
WALL TYPES LEGEND

- NEW BEARING WALL; SEE SECTION 1, THIS SHEET.
- NEW PARTITION WALL; SEE SECTION 2, THIS SHEET.
- NEW PARTITION WALL; SEE SECTION 3, THIS SHEET.
- NEW PARTITION WALL; SEE SECTION 4, THIS SHEET.

- INTERIOR ELEVATIONS SHOWN ON A4.01
- DOOR SCHEDULE SHOWN ON A1.01
- WINDOW SCHEDULE SHOWN ON A2.01



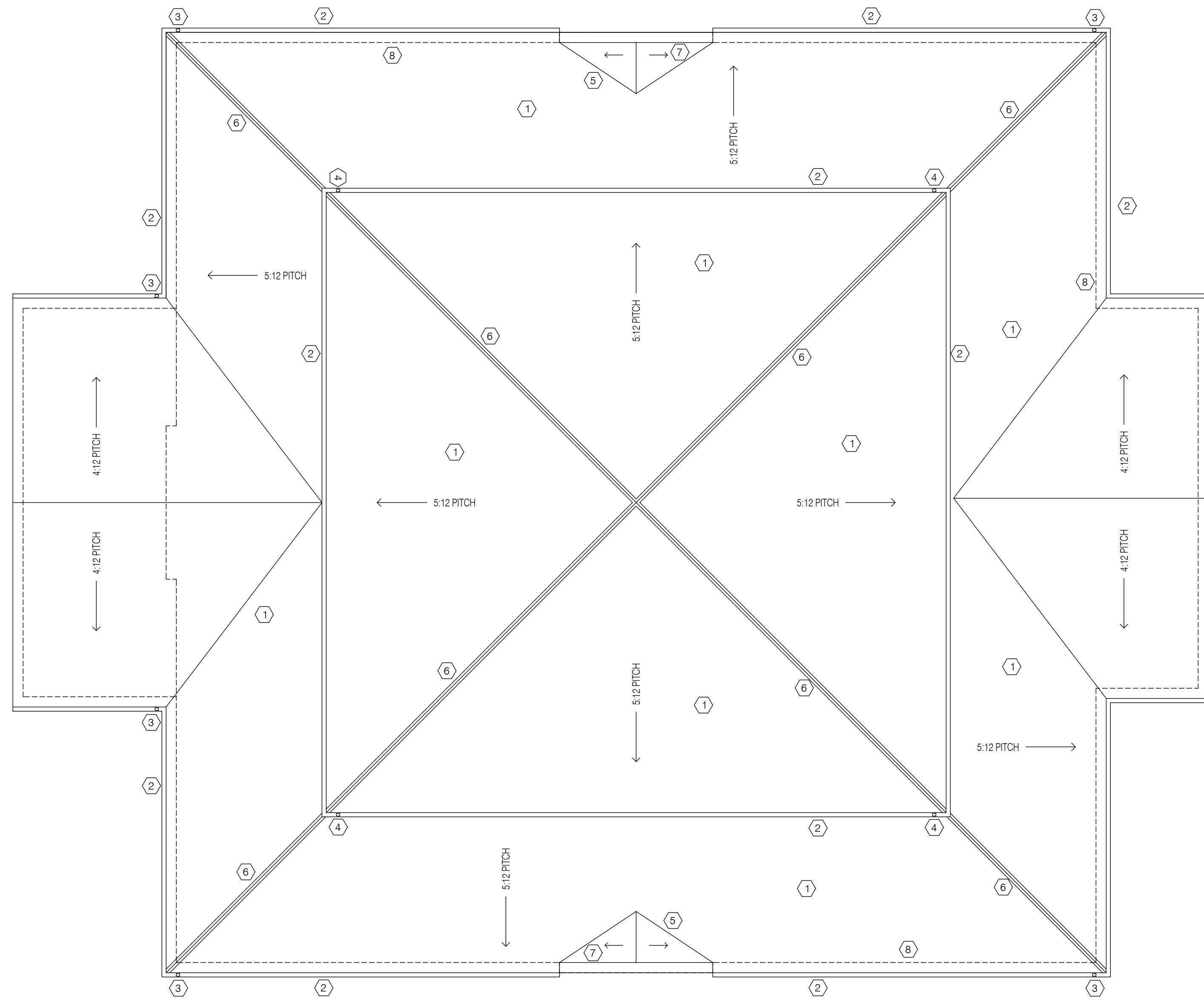
door types



- 1 full height wall
THIS IS NOT A SMOKE OR FIRE RATED PARTITION N.T.S.
- 2 partition wall
N.T.S.
- 3 full height wall
THIS IS NOT A SMOKE OR FIRE RATED PARTITION N.T.S.
- 4 partition wall
STC 50 N.T.S.



EXP. 12/31/21



roof plan

1/8" = 1'-0"

ROOF CODED NOTES

- ① 25 YEAR DIMENSIONAL, FIBERGLASS SHINGLES
- ② 6" K-STYLE GUTTER
- ③ 3"x4" DOWNSPOUT, CONNECT TO UNDERGROUND STORM LINE
- ④ 3"x4" DOWNSPOUT, DISCHARGE ONTO LOWER ROOF
- ⑤ SADDLE
- ⑥ CONTINUOUS HIP VENT
- ⑦ STEP FLASHING
- ⑧ OUTLINE OF WALL BELOW

DARIN RANKER ARCHITECTS
 4 INTERIOR DESIGNERS
 1525 Wilcox Place, Suite E Dublin, OH 43016
 Phone: 614-792-7001
 admin@darinranker.com



Final Development Plan
All 'R' Friends- Dublin
 Emerald Pkwy/Parkwood Pl

Dublin, Ohio

DRA Proj. No.: 20-285
 Drawn by: JAD/SEW
 Checked By: CSJ
 Date: 02-18-21
 Revisions

A1.05



EXP. 12/31/21

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Dublin, Ohio

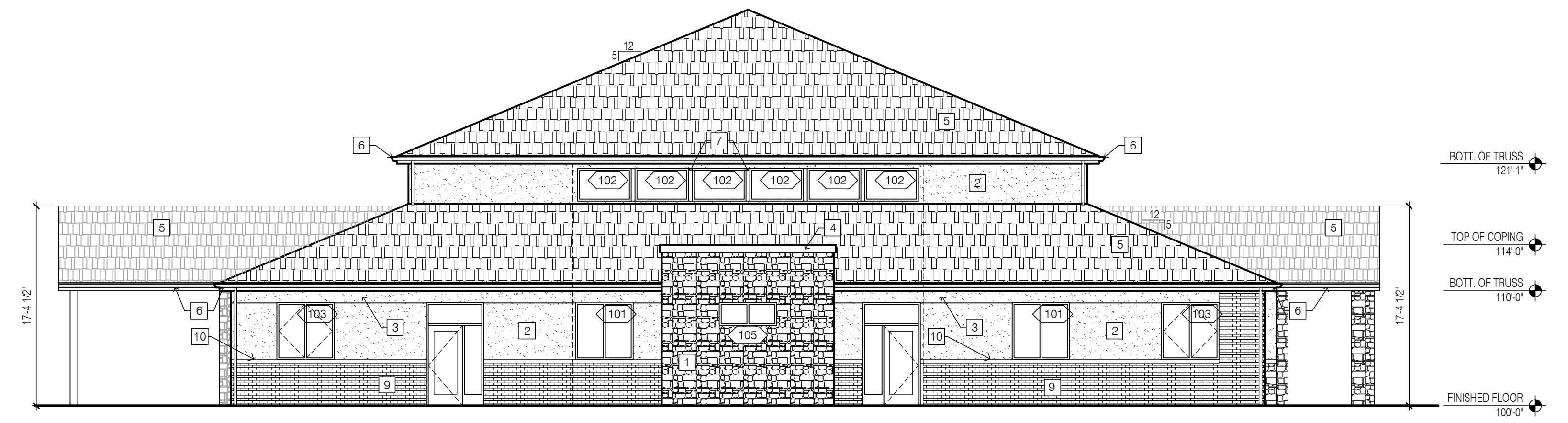
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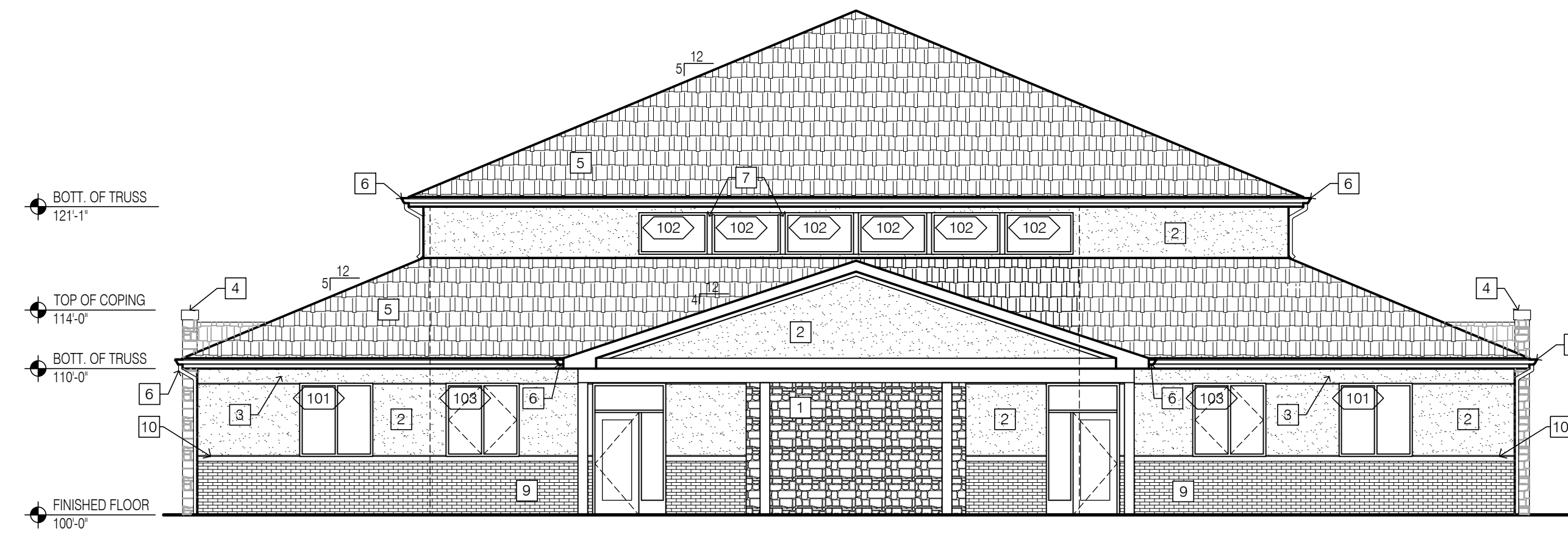
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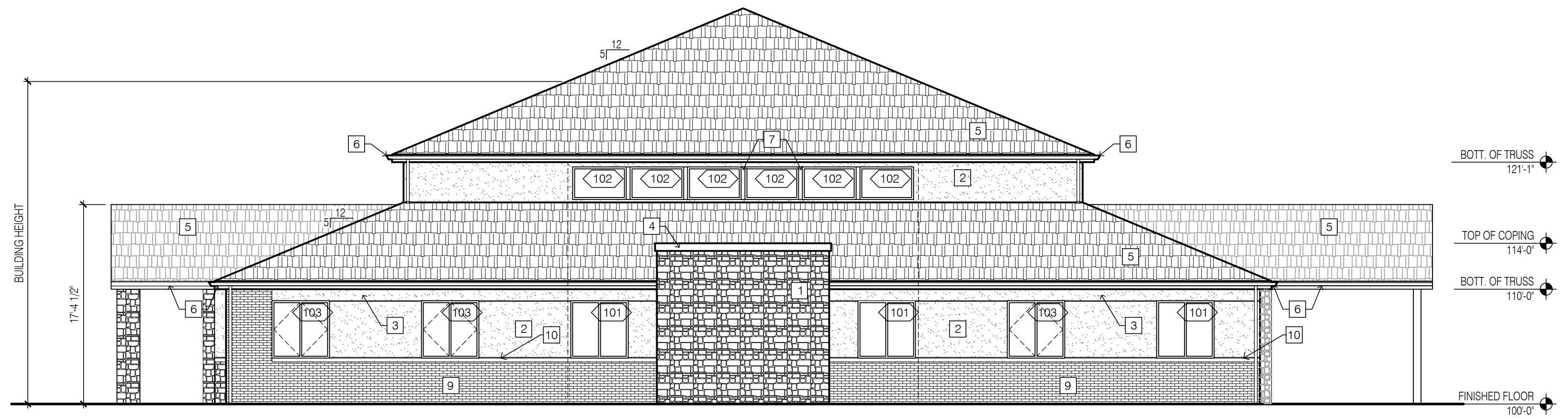
1 east elevation
 1/8"=1'-0"



2 south elevation
 1/8"=1'-0"



3 west elevation
 1/8"=1'-0"



4 north elevation
 1/8"=1'-0"

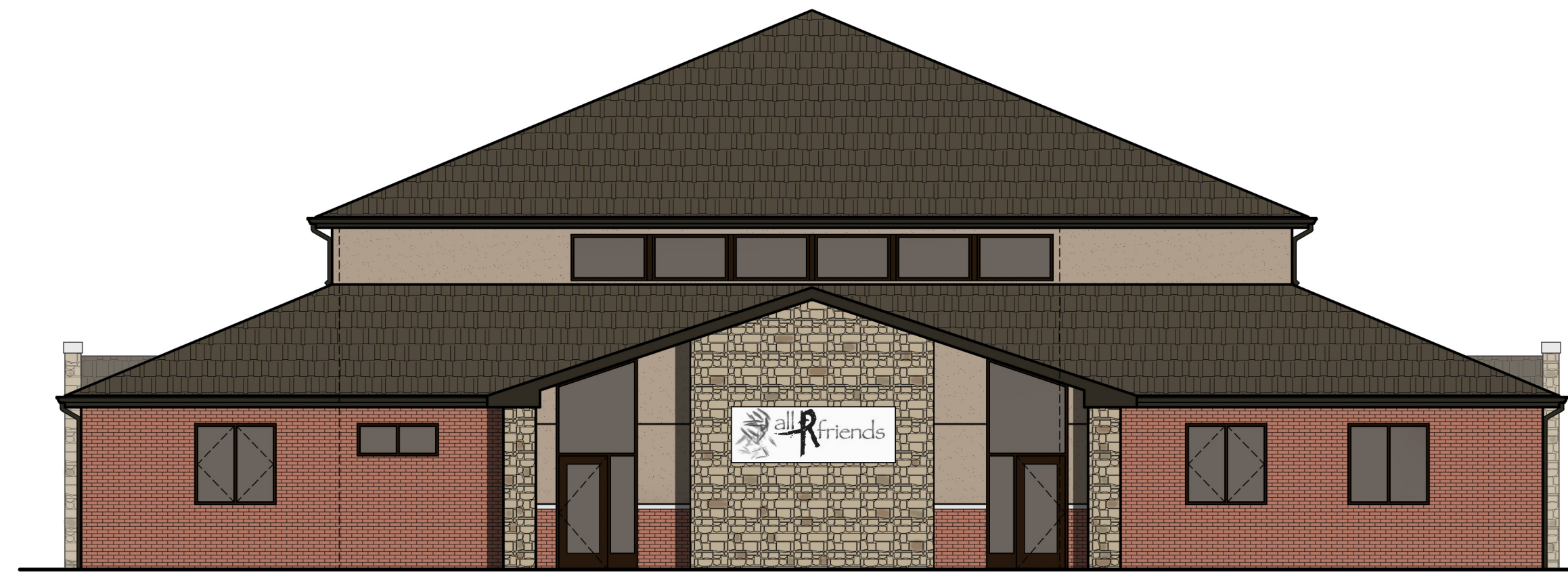
XXX WINDOW SCHEDULE					
NO.	SIZE		MATERIAL	FUNCTION	REMARKS
	WIDTH	HEIGHT			
101	5'-0"	5'-0"	ALUM.	FIXED	THERMAL RATED
102	4'-8"	2'-10"	ALUM.	FIXED	THERMAL RATED
103	5'-0"	5'-0"	ALUM.	CASEMENT	THERMAL RATED-RETRACTABLE CRANK
104	4'-8"	2'-10"	ALUM.	FIXED	INTERIOR WINDOW
105	5'-0"	2'-0"	ALUM.	FIXED	INTERIOR WINDOW

NOTE: WINDOWS TO BE LOW-E

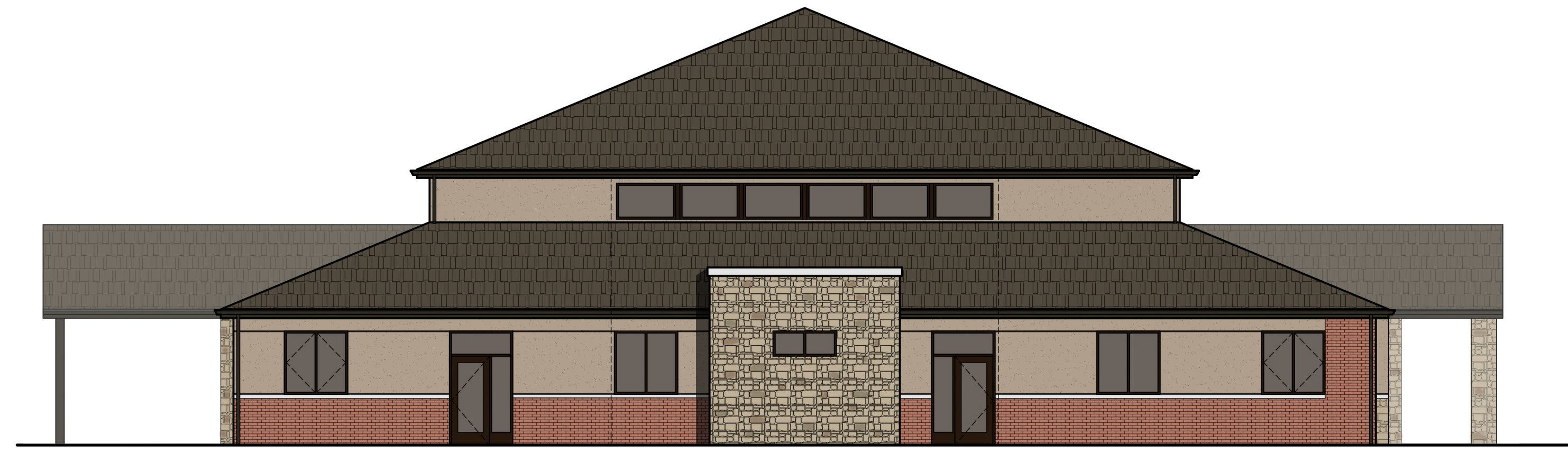
- ELEVATION CODED NOTES**
- 1 CULTURED STONE VENEER - GLEN-GERY LANDMARK COLLECTION - BEECHNUT LIMESTONE
 - 2 THREE COAT STUCCO - PAINT SHERWIN WILLIAMS SW9174 MOTH WING
 - 3 THREE COAT STUCCO - PAINT SHERWIN WILLIAMS SW9174 MOTH WING
 - 4 CAST STONE COPING - BUFFSTONE
 - 5 25 YEAR DIMENSIONAL ASPHALT SHINGLES - OAKRIDGE SHINGLES, DRIFTWOOD
 - 6 ALUM. GUTTER & DOWNSPOUT - MARSH BUILDING PRODUCTS - DARK BRONZE JS
 - 7 ANODIZED ALUM. WRAP TO MATCH WINDOW FINISH
 - 8 SIGNAGE BY OTHERS
 - 9 BRICK VENEER, SPEC TBS
 - 10 CULTURED STONE SILL



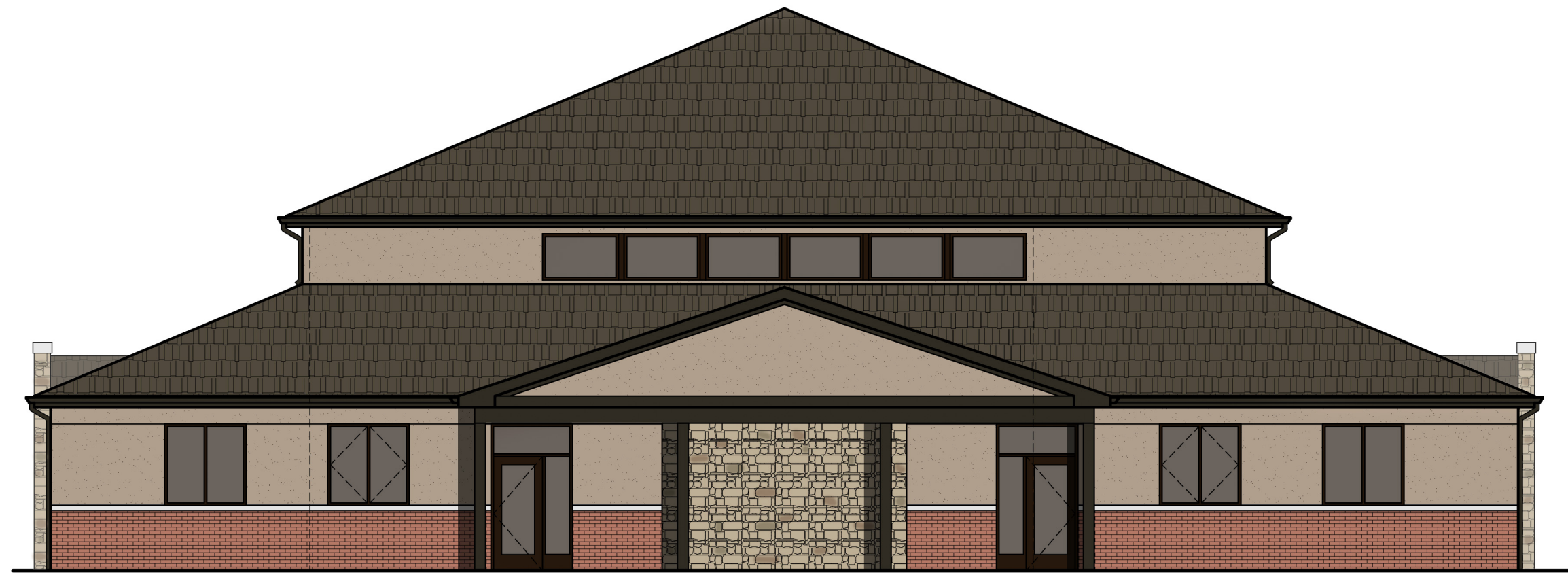
EXP. 12/31/21



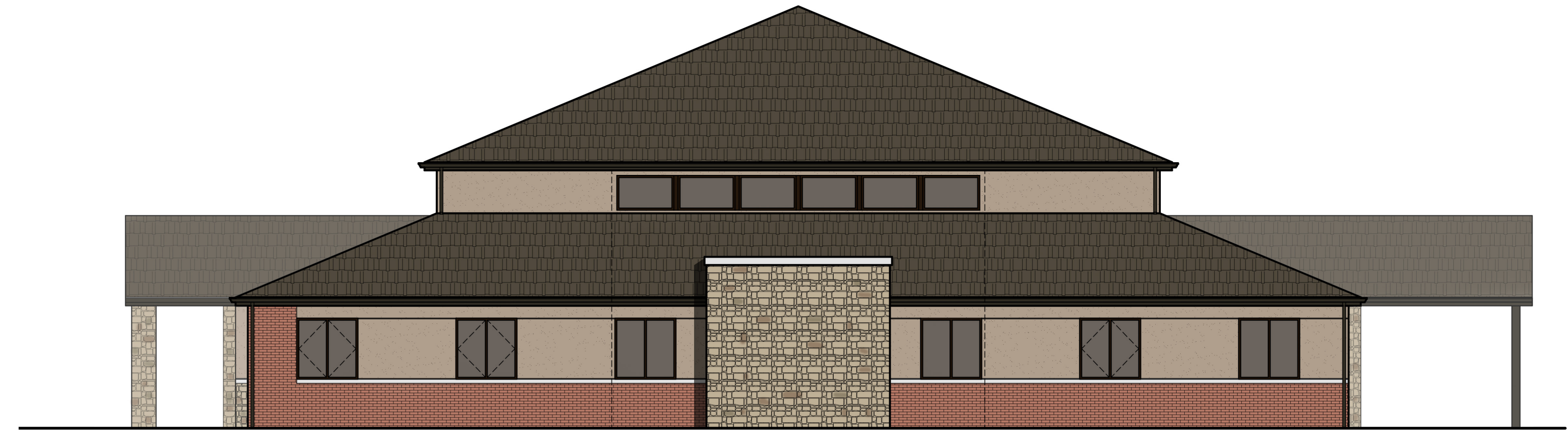
1 east elevation 1/8"=1'-0"



2 south elevation 1/8"=1'-0"



3 west elevation 1/8"=1'-0"



4 north elevation 1/8"=1'-0"

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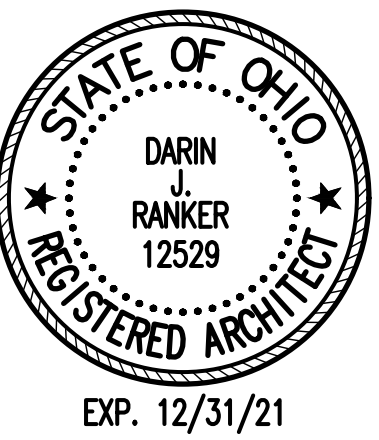


New Building For
All 'R' Friends- Dublin
Emerald Pkwy/Parkwood Pl
Dublin, Ohio

DRA Proj. No.: 20-285
Drawn by: JAD/SEW
Checked By: CSJ
Date: 2-12-2021
Revisions



1 exterior rendering 1/8"=1'-0"



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Final Development Plan
All 'R' Friends- Dublin
 Emerald Pkwy/Parkwood Pl
 Dublin, Ohio

DRA Proj. No.: 20-285
 Drawn by: JAD/SEW
 Checked By: CSJ
 Date: 02-18-21
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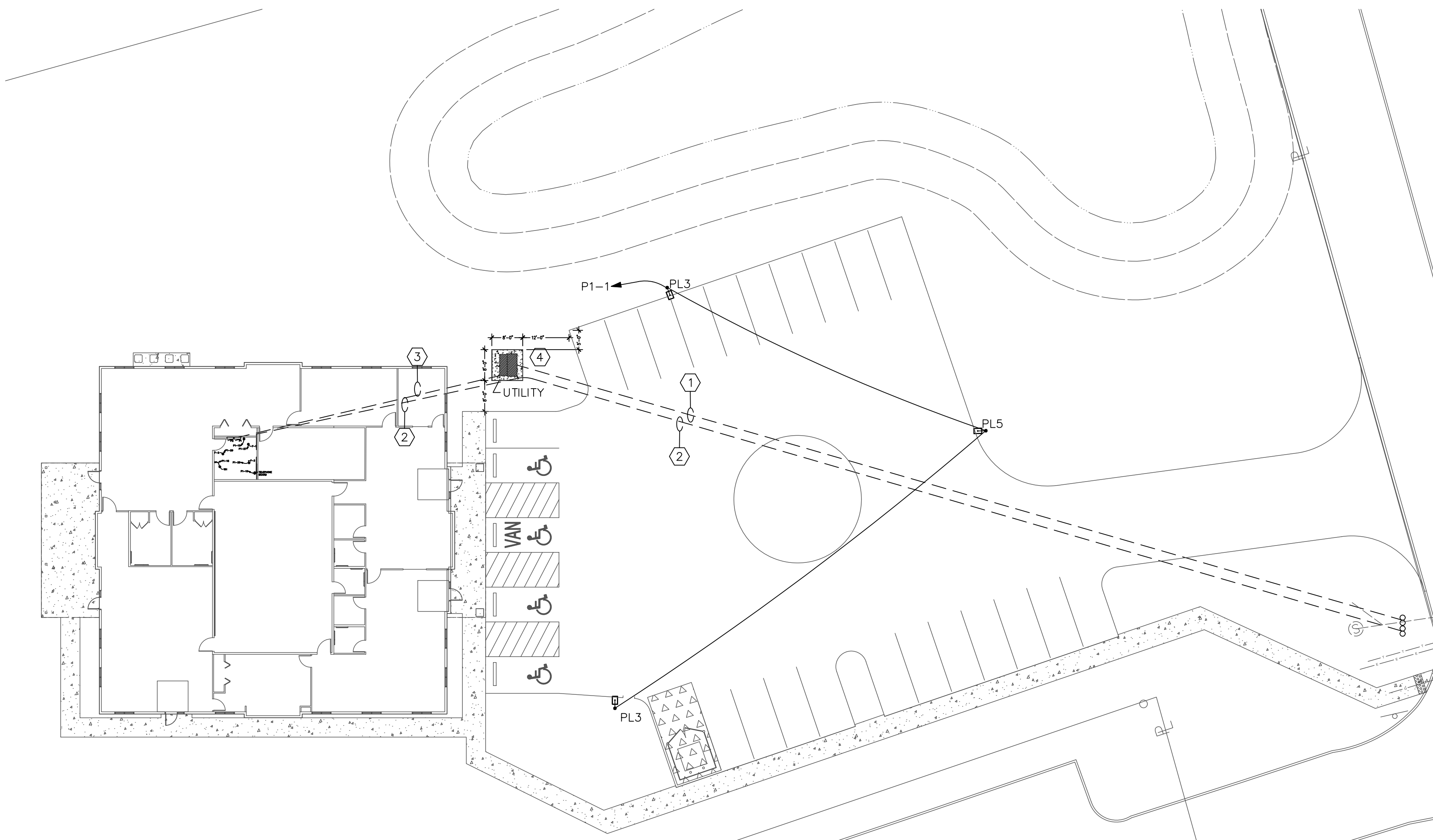
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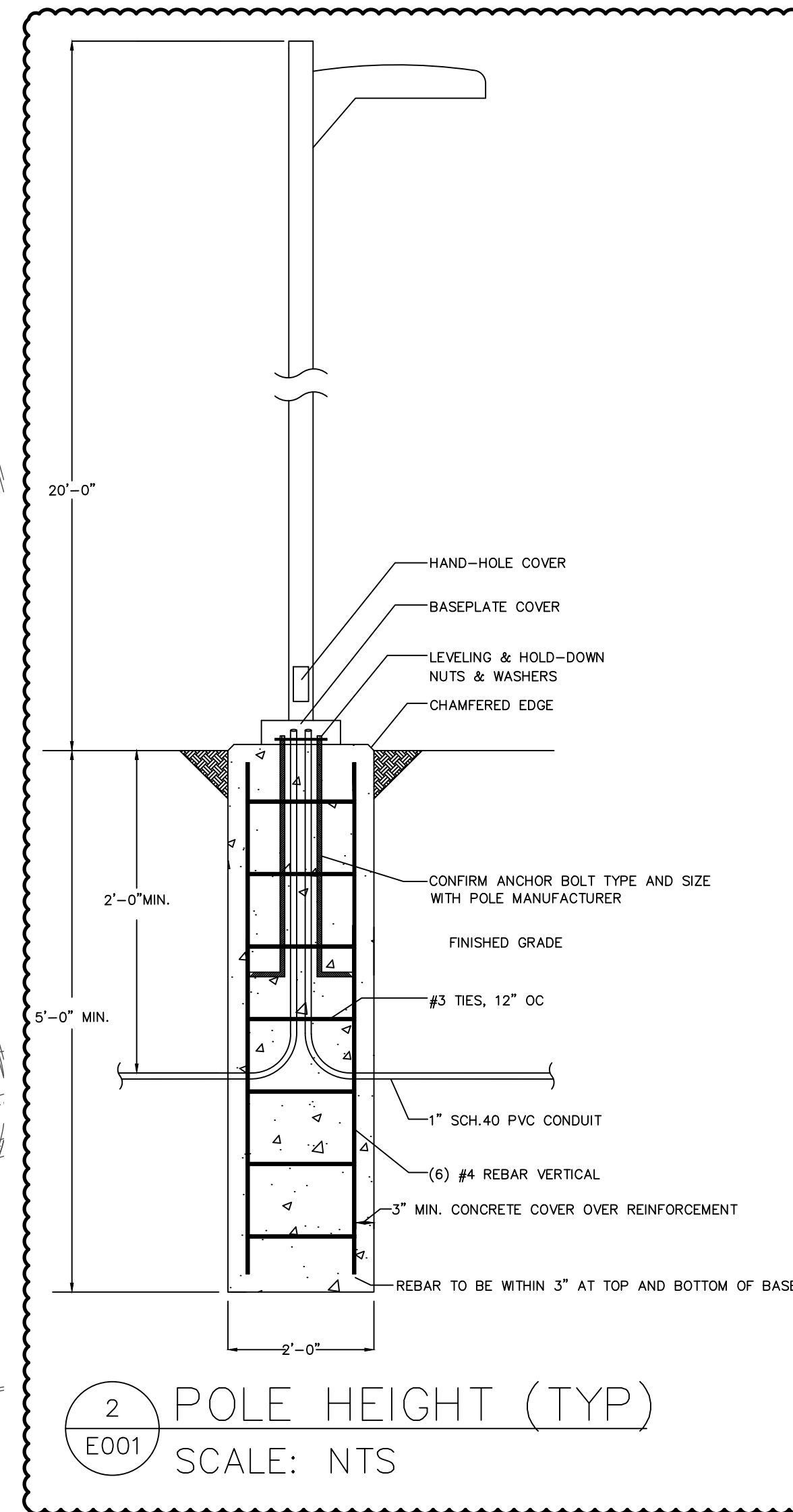
2 exterior rendering 1/8"=1'-0"



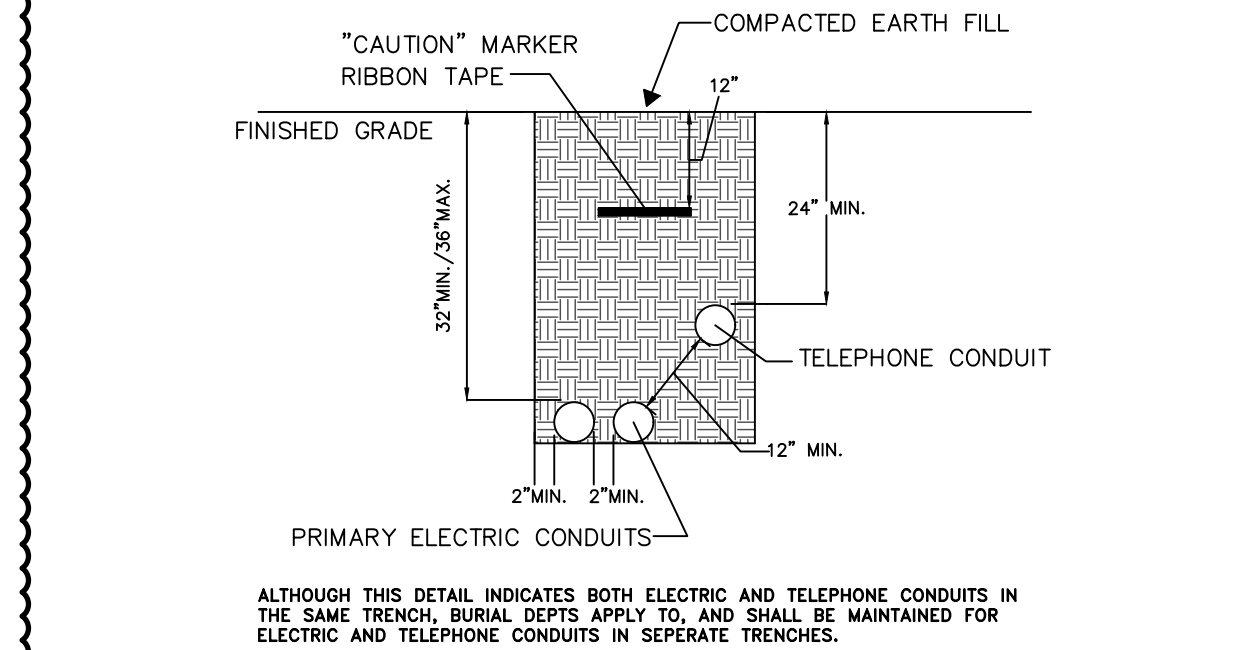
3 exterior rendering 1/8"=1'-0"



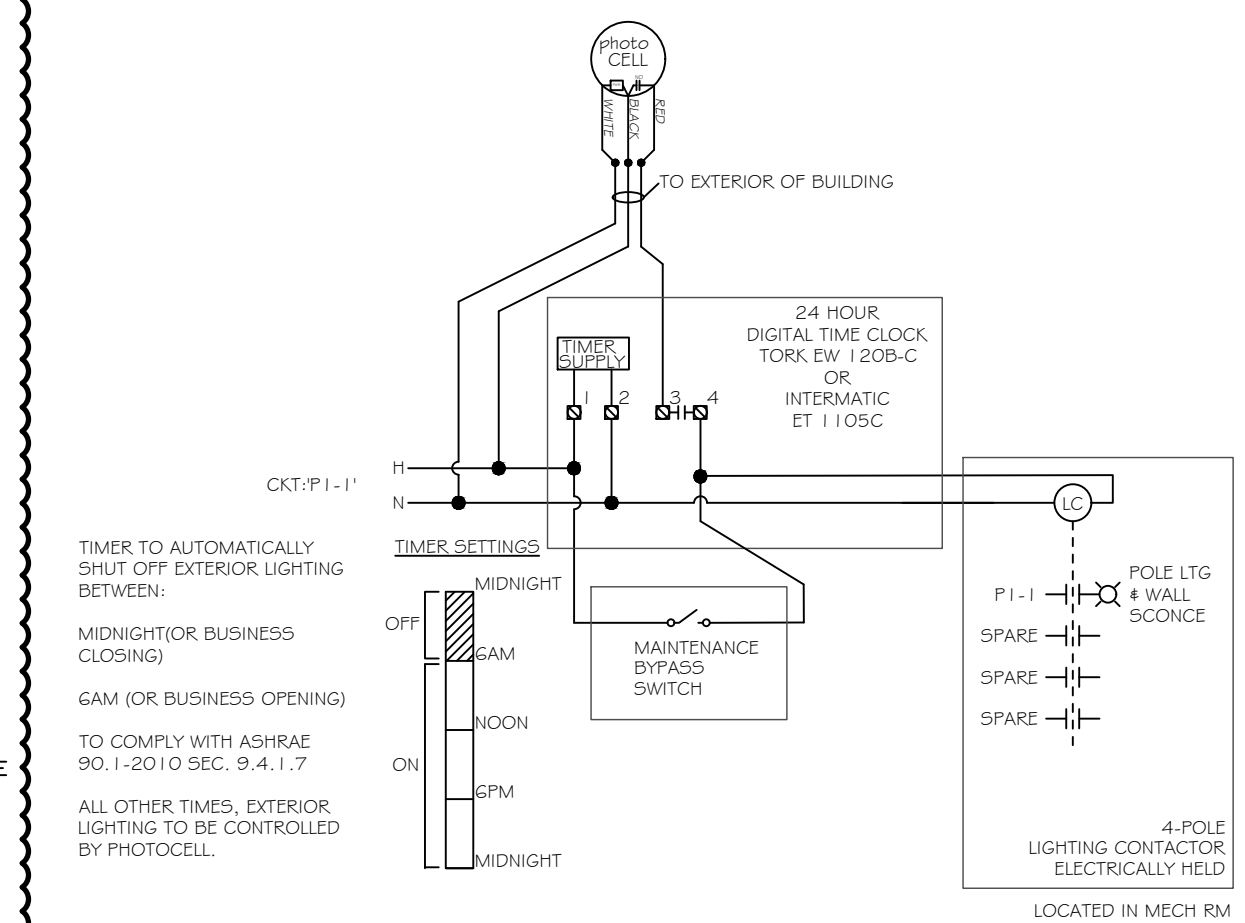
1 SITE PLAN
 SCALE: 1" = 20'-0"



2 POLE HEIGHT (TYP)
 SCALE: NTS



3 TYPICAL UG SERVICE DETAIL
 SCALE: NTS



4 LIGHTING CONTROLLER
 SCALE: NTS

SHEET NOTES:

- ALL EXTERIOR LIGHT FIXTURES ARE TO BE DARK BRONZE IN COLOR.

CODED NOTES:

- (2) 5" PVC FOR ELECTRICAL PRIMARY. CONFIRM LOCATION WITH UTILITY BEFORE INSTALLATION.
- (2) 4" PVC CONDUITS FOR PRIMARY TELEPHONE. DEMARC POINT IN MECHANICAL ROOM. CONFIRM LOCATION WITH UTILITY BEFORE INSTALLATION.
- (2) 2-1/2" PVC CONDUITS WITH (4) 250KCMIL ALUMINUM SECONDARY CONDUCTORS. FEED P1 PANEL IN MECHANICAL ROOM.
- VERIFY FINAL TRANSFORMER LOCATION AND PAD SPEC WITH UTILITY.
- CONFIRM FINAL LOCATION OF FLAG POLE BEFORE INSTALLATION OF GROUND MOUNT FLOOD LIGHT. CONTROLLED BY EXTERIOR LIGHTING CONTACTOR.

GENERAL NOTES:

- 'NL' INDICATES NIGHT LIGHT & 'CL' INDICATES CENTER LINE & 'UC' INDICATES UNDER COUNTER.
- NUMBER NEXT TO DEVICE INDICATES CIRCUIT NUMBER. REFER TO HOMERUN ARROW FOR PANEL DESIGNATION.
- ALL WIRE SHALL BE #12 AWG COPPER U.N.O.
- ALL NEW WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT NEC (LATEST EDITION) AND OTHER APPLICABLE LOCAL BUILDING CODES.
- EMERGENCY LIGHTING MOUNTING HEIGHTS:
 *NON-RACK - MATCH EXISTING
 *IN-RACK - BOTTOM OF BAR JOIST
- THESE DRAWINGS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE CURRENT NEC CODES. CONSTRUCTION METHODS SHALL CONFORM WITH THE CURRENT NEC CODES.
- EACH MULTIWIRE BRANCH CIRCUIT SHALL BE DISCONNECTED SIMULTANEOUSLY AT ITS RESPECTIVE PANEL EITHER BY USING A MULTI-POLE BREAKER OR USING HANDLE TIES CONNECTING THE BREAKERS TOGETHER AS REQUIRED IN NEC SECTION 210.4(B).
- THE UNGROUNDED AND GROUNDED CONDUCTORS OF EACH MULTIWIRE BRANCH CIRCUIT SHALL BE GROUPED BY WIRE TIES OR SIMILAR MEANS WITHIN THE PANELBOARD AS REQUIRED IN NEC SECTION 210.4(D).
- WHERE THE PREMISES WIRING SYSTEM HAS BRANCH CIRCUITS SUPPLIED FROM MORE THAN ONE NOMINAL VOLTAGE SYSTEM, EACH UNGROUNDED CONDUCTOR OF A BRANCH CIRCUIT SHALL BE IDENTIFIED BY PHASE OR LINE AND SYSTEM AT ALL TERMINATION, CONNECTION, AND SPLICE POINTS AS REQUIRED IN NEC SECTION 210.5(C).
- THE IDENTIFICATION OF THE PREMISES WIRING SHALL BE ACCOMPLISHED WITH COLOR-CODED INSULATION OR WITH COLOR-CODED MARKING TAPE AS OUTLINED BELOW IN ACCORDANCE WITH NEC SECTION 200.7(A) AND NEC SECTION 210.5:
 277/480V SYSTEM
 -PHASE 'A' = BROWN
 -PHASE 'B' = ORANGE
 -PHASE 'C' = YELLOW
 -NEUTRAL = GRAY
 120/208V SYSTEM
 -PHASE 'A' = BLACK
 -PHASE 'B' = RED
 -PHASE 'C' = BLUE
 -NEUTRAL = WHITE
- SERVICE DISCONNECTING MEANS SHALL BE LABELED WITH A BLACK PLAQUE AND WHITE ENGRAVED LETTERING. THE PLAQUE SHALL DISPLAY THE NAME OF THE PIECE OF EQUIPMENT AS IDENTIFIED ON THE PROVIDED SINGLE-LINE AND STATE 'SERVICE DISCONNECT' AS REQUIRED IN NEC SECTION 230.70(B).
- TESTING OF GFI PROTECTION IN SWITCHBOARDS TO BE CONDUCTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AS REQUIRED BY NEC SECTION 230.95(C). TYPICALLY THIS TEST MUST BE PERFORMED PRIOR TO ENERGIZING THE SWITCH AND REQUIRES 120V POWER. PRINTED INSTRUCTIONS SHOULD BE PROVIDED WITH THE SWITCH BY THE MANUFACTURER. IF INSTRUCTIONS ARE NOT PROVIDED, CONTACT YOUR PROJECT MANAGER IMMEDIATELY.
- EXPANSION FITTINGS AND TELESCOPING SECTIONS OF METAL RACEWAYS SHALL BE MADE ELECTRICALLY CONTINUOUS BY EQUIPMENT BONDING JUMPERS OR OTHER MEANS AS REQUIRED IN NEC SECTION 250.98.
- ANY CABLES OR RACEWAYS OTHER THAN RIGID METAL CONDUIT AND IMC RAN UNDER ROOF DECKING SHALL BE RAN SO THAT IT IS NOT LESS THAN 1-1/2" FROM THE NEAREST SURFACE OF THE ROOF DECKING AS REQUIRED IN NEC SECTION 300.4(E).
- FLOURESCENT LUMINAIRE(S) THAT CONSIST OF DOUBLE-ENDED LAMPS AND CONTAIN BALLAST(S) THAT CAN BE SERVICED IN PLACE THAT ARE LOCATED INDOORS SHALL CONTAIN A DISCONNECTING MEANS AS REQUIRED IN NEC SECTION 410.130(C)(1).
- EXISTING EQUIPMENT OR DEVICES IS SHOWN IN GRAY.
- DO NOT SCALE FROM DRAWINGS. COORDINATE WITH PROJECT MANAGER AND ENGINEER FOR DIMENSIONS.
- LIGHT FIXTURE DIMENSIONS ARE TAKEN FROM THE CENTER OF THE FIXTURES.
- COLUMN DIMENSIONS ARE TAKEN FROM CENTER LINE OF COLUMN.
- WALL DIMENSIONS ARE TAKEN FROM THE FACE OF THE WALL.
- ELEVATOR PITS REQUIRE BELL BOXES AND WEATHER PROOF COMPRESSION FITTINGS.
- ABBREVIATIONS:
 - "E" = EXISTING
 - "N" = NEW
 - "R" = RELOCATED

SITE LUMINAIRE SCHEDULE					
CALLOUT	SYMBOL	DESCRIPTION	MODEL	VOLTS	TOTAL VA
PL3		SINGLE HEAD LED POLE LIGHT TYPE 3 OPTICS	LITHONIA RSX1 LED P4 40K R3 MVOLT SPA DDBXD SSS QS 20 XX DM19AS DDBXD	120V 1P 2W	133
PL5		SINGLE HEAD LED POLE LIGHT TYPE 4 OPTICS	LITHONIA RSX1 LED P4 40K R5 MVOLT SPA DDBXD SSS QS 20 XX DM19AS DDBXD	120V 1P 2W	133

04/23/2021

Revisions:
 1. ZONING

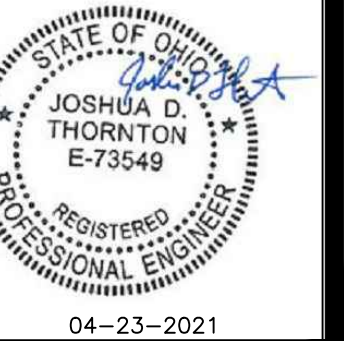
Scale: AS NOTED
 Date: 12/23/2020
 Drawn By: JRL
 Checked By: JDT

ALL R FRIENDS - DUBLIN

PARKWOOD PLACE
 DUBLIN, OHIO 43017

ELECTRICAL SITE PHOTOMETRIC

Certified By:



04-23-2021

Drawing Number:

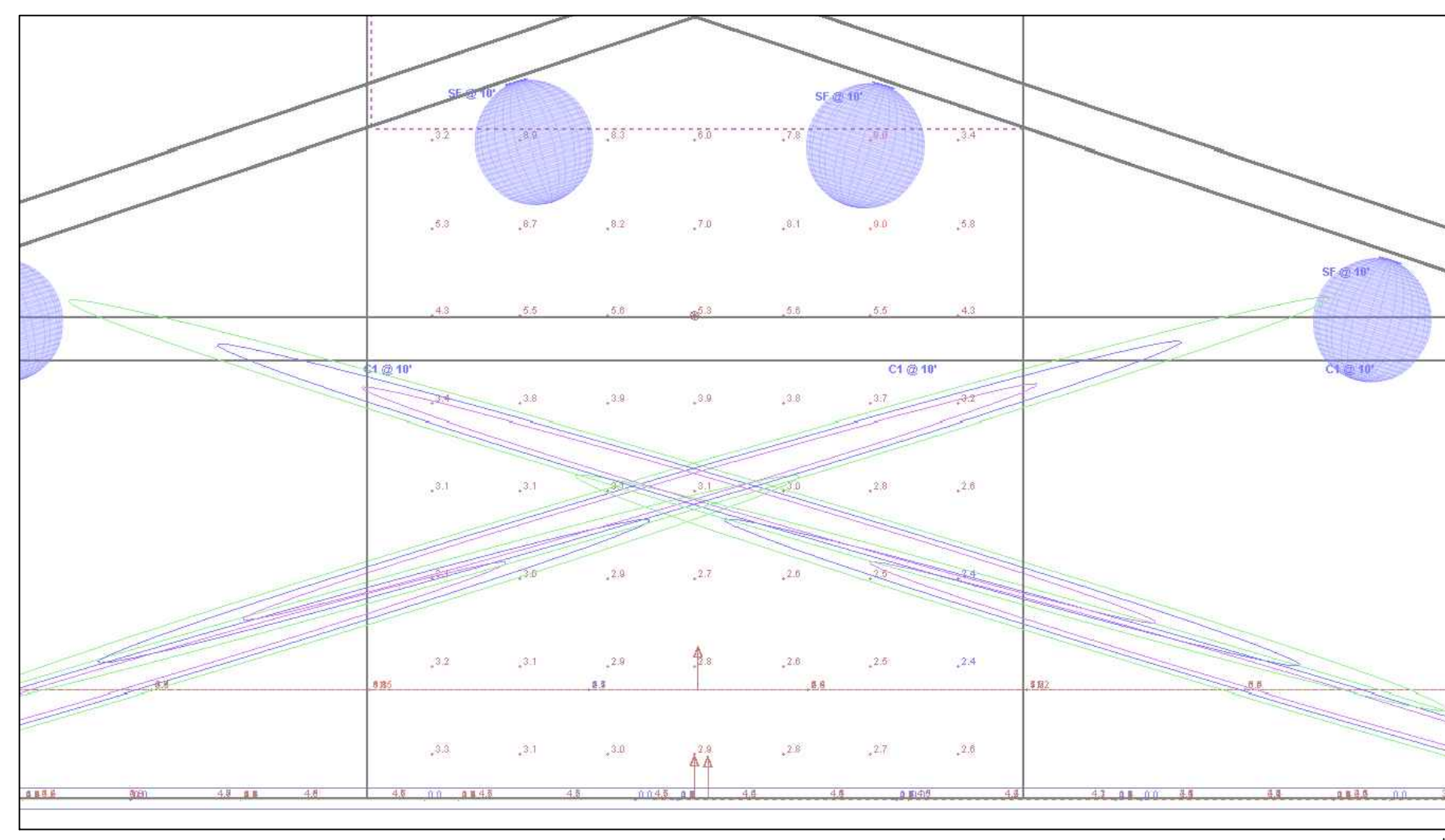
E002

Client Job Number:

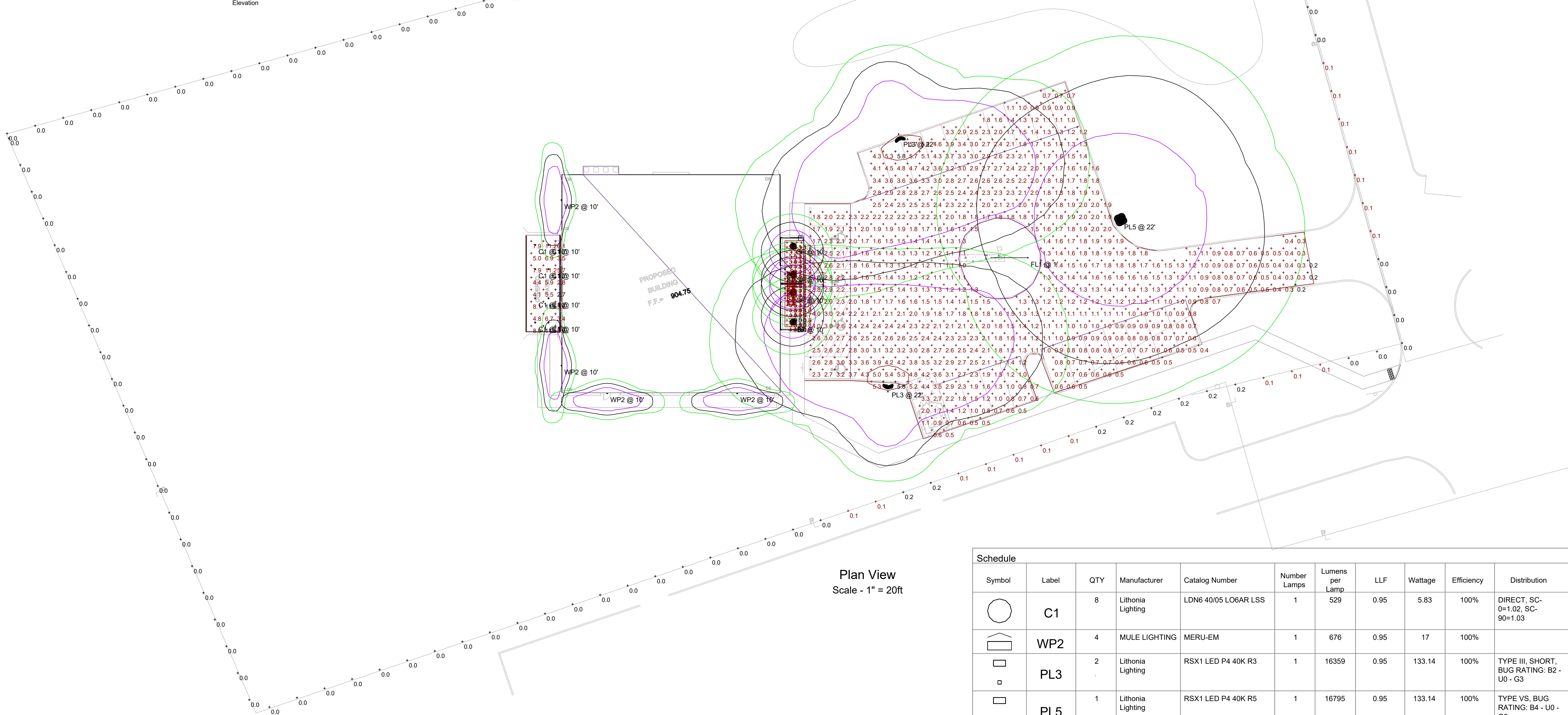
Kraft Job Number:

C-9227

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Canopy Entrance	+	4.3 fc	5.0 fc	3.0 fc	1.7:1	1.4:1
Canopy Wall	+	4.3 fc	9.0 fc	2.4 fc	3.8:1	1.8:1
Covered Patio	+	6.5 fc	11.5 fc	2.7 fc	4.3:1	2.4:1
Parking Lot	+	1.8 fc	5.8 fc	0.2 fc	29.0:1	9.0:1
Property Line	+	0.0 fc	0.2 fc	0.0 fc	N/A	N/A



Elevation



Plan View
 Scale - 1" = 20ft

Schedule										
Symbol	Label	QTY	Manufacturer	Catalog Number	Number Lamps	Lumens per Lamp	LLF	Wattage	Efficiency	Distribution
○	C1	8	Lithonia Lighting	LDN6 40/05 LO6AR LSS	1	529	0.95	5.83	100%	DIRECT, SC-0=1.02, SC-90=1.03
⏏	WP2	4	MULE LIGHTING	MERU-EM	1	676	0.95	17	100%	
□	PL3	2	Lithonia Lighting	RSX1 LED P4 40K R3	1	16359	0.95	133.14	100%	TYPE III, SHORT, BUG RATING: B2 - U0 - G3
□	PL5	1	Lithonia Lighting	RSX1 LED P4 40K R5	1	16795	0.95	133.14	100%	TYPE VS, BUG RATING: B4 - U0 - G2
○	SF	4	Juno Lighting	JSF 7IN 10LM 40K 90CRI IMVOLT ZT WH	1	1135	0.95	12.8	100%	DIRECT, SC-0=1.24, SC-90=1.25

Disclaimer:
 Visual Professional has made great efforts to ensure the accuracy of their program, however Kraft Electric & Visual Professional assume no liability for the decisions made with the assistance of these design programs. Actual light levels generated by installed luminaires may differ from the light levels predicted by Visual Professional for a number of reasons including (but not limited to) electrical supply, equipment tolerances, installation details, lamp/ballast interaction, thermal factors and obstructions.

