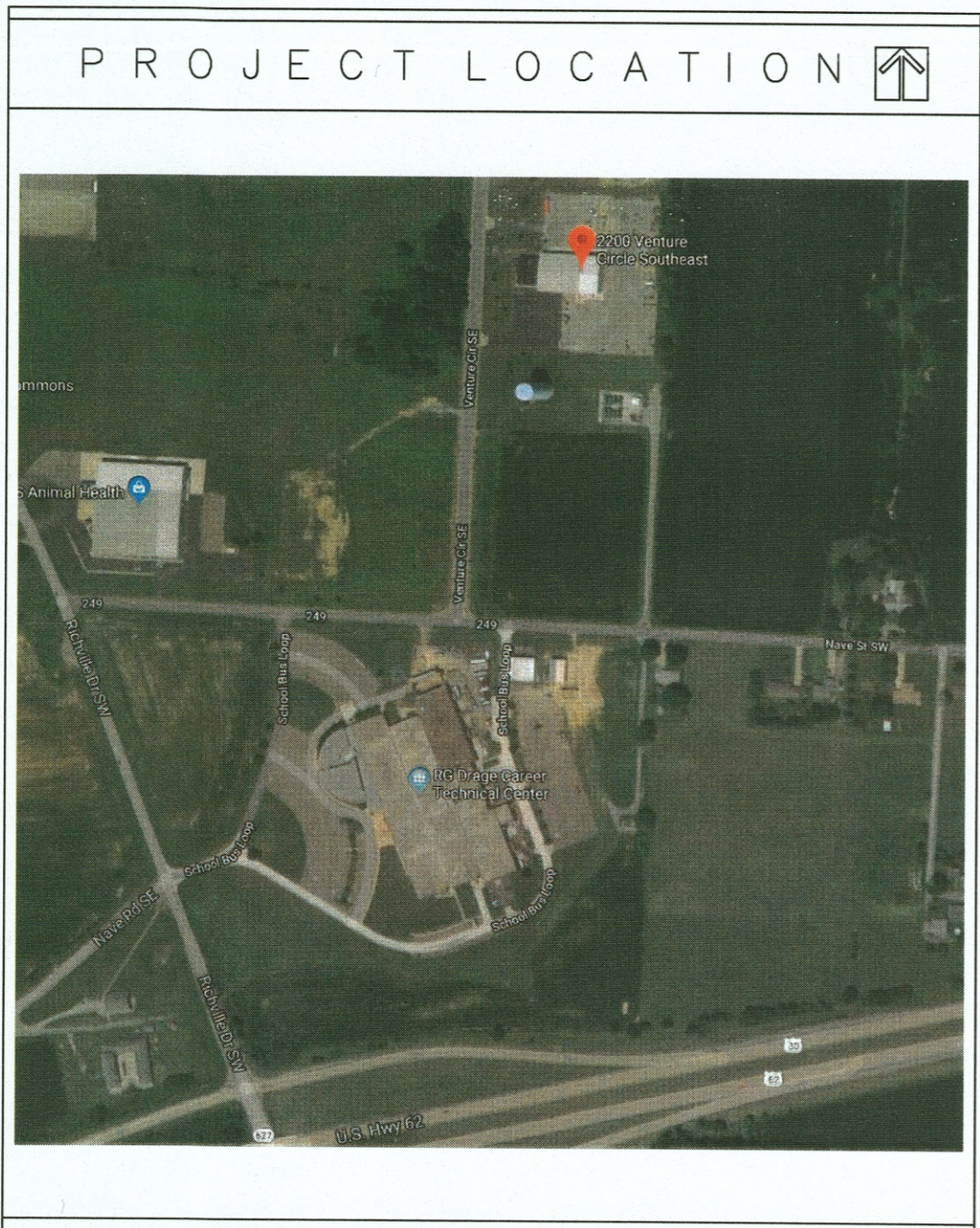
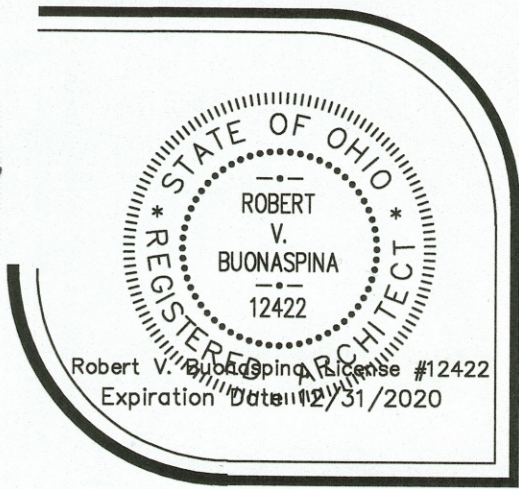


New Wash Bay Shelter For:
Columbus Equipment Company

2200 Venture Circle, SE
Massillon, Ohio 44646

Ant/Byz

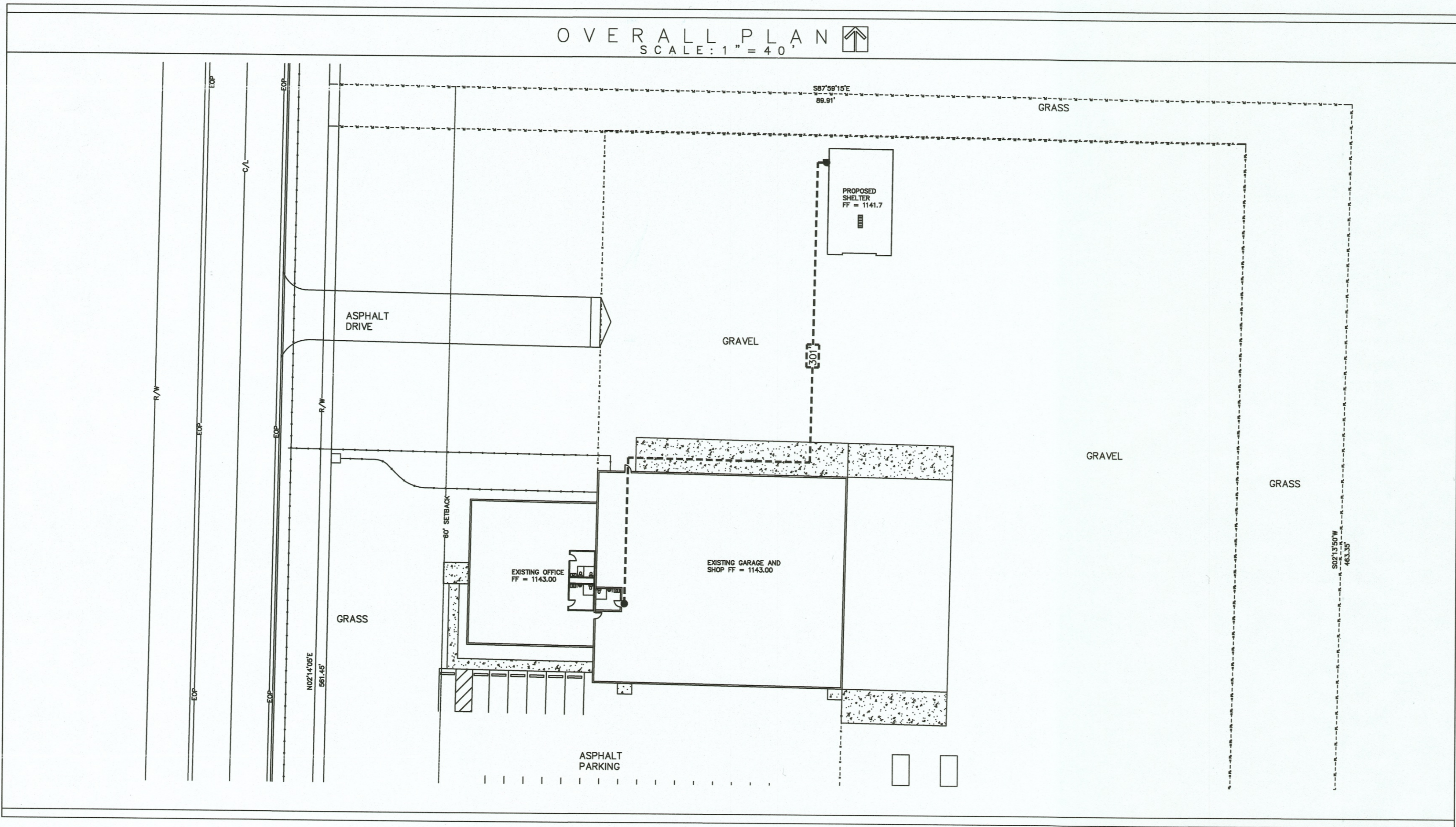


DRAWING INDEX	
C-1	COVER SHEET
SP-1	EXISTING SITE PLAN
SP-2	SITE LAYOUT PLAN
SP-3	NOTES AND DETAILS
F-1	FOUNDATION PLAN AND DETAILS
A-1	FLOOR PLAN, ELEVATIONS, WALL SECTION
PE-1	PLUMBING
PE-2	PLUMBING AND EXIT SIGNAGE

O. B. C. DATA			
This project is a PEMB shelter to be used to power wash construction equipment/parts prior to taking them into the existing facility for repairs or service. No HVAC or electric is involved. Plumbing fixtures provided in main services suite less than 500' away (see Overall Plan below).			
PROPOSED USE GROUP:		U	
CONSTRUCTION TYPE:		2B	
AREA:			
Allowable		8,500 S.F.	
Proposed		1,500 S.F.	
OCCUPANT LOAD:		CALCULATED	
Accessory (1,500 SF/300 Gross)		5	
FIRE SUPPRESSION:		None	
INTERIOR FINISHES:			
USE GROUP	REQUIRED VERT. EXITS & PASSAGEWAYS	CORRIDORS PROVIDING EXIT ACCESS	ROOMS OR ENCLOSED SPACES
U	NO RESTRICTIONS		

IDENTIFICATION	
ADDRESS: 2200 VENTURE CIRCLE S.E. P.B 18 P. 86-87 LOTS 1-72 ACREAGE = 0.69 AC PARCEL NUMBER = 719437 OWNER: COLUMBUS EQUIPMENT COMPANY 2323 PERFORMANCE PKWY COLUMBUS, OHIO 43207 TAX DISTRICT: 00060-MASSILLON CITY - PERRY	
GENERAL NOTES	
1. To be constructed under The City of Massillon Building Inspection. Materials and construction of this project shall meet Local Codes, Ohio Building Code.	
2. Permits shall be obtained for all construction work prior to construction.	
3. The contractor shall be responsible for determining the required type and number of inspections.	
4. The contractor is responsible for construction means, methods, techniques, sequences, or procedures and for all safety precautions used.	
5. These plans are for general information only. All contractors shall field check, verify and approve all dimensions, locations and conditions, etc.	
6. Do not scale drawings.	
7. All contractors shall follow the material or equipment recommended specifications.	

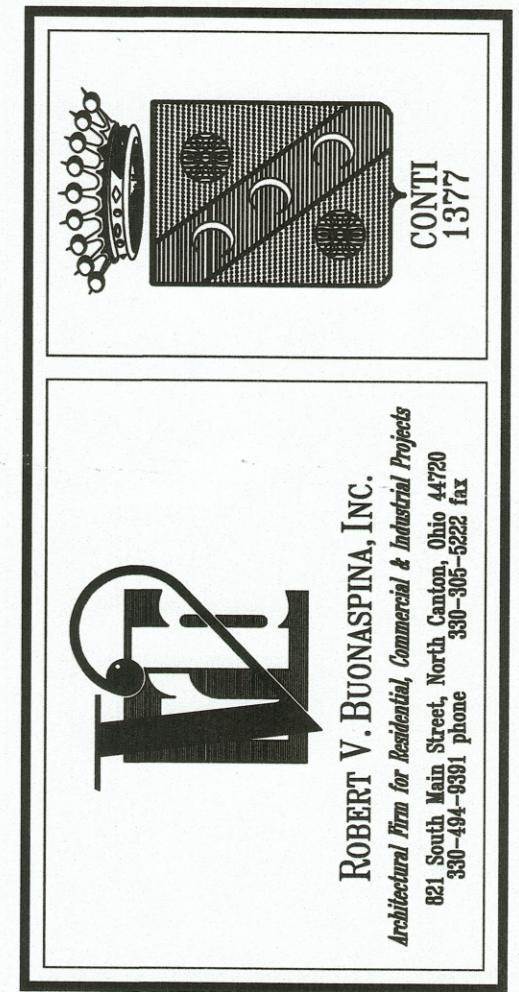
ARCHITECT:	
Robert V. Buonaspinas, Inc Robert Buonaspinas 821 S. Main Street North Canton, Ohio 44720 office- 330-494-9391 email- rvbinc@neo.rr.com	
CIVIL ENGINEER:	
Scheeser Buckley Mayfield Kevin Noble 1540 Corporate Woods Parkway Uniontown, Ohio 44685 office- 330-526-2700 email- knoble@sbmce.com	
GENERAL CONTRACTOR:	
Beaver Constructors Ben Pachan 2000 Beaver Place Av. SW Canton, Ohio 44706 office- 330-478-2151 email- ben.pachan@beaverconstructors.com	



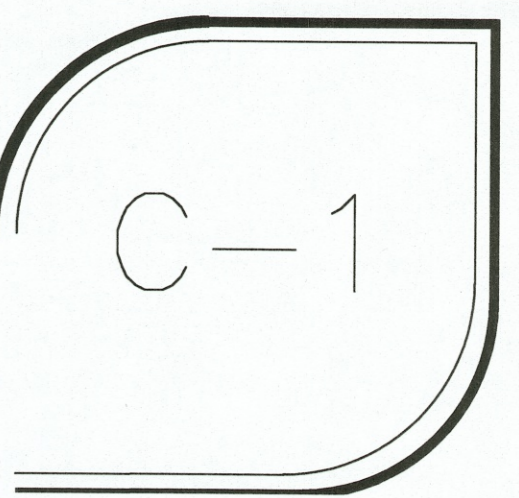
Approved by the Massillon City Engineer this
Day of _____, 20____
Keith A. Dylewski, P.E., P.S.

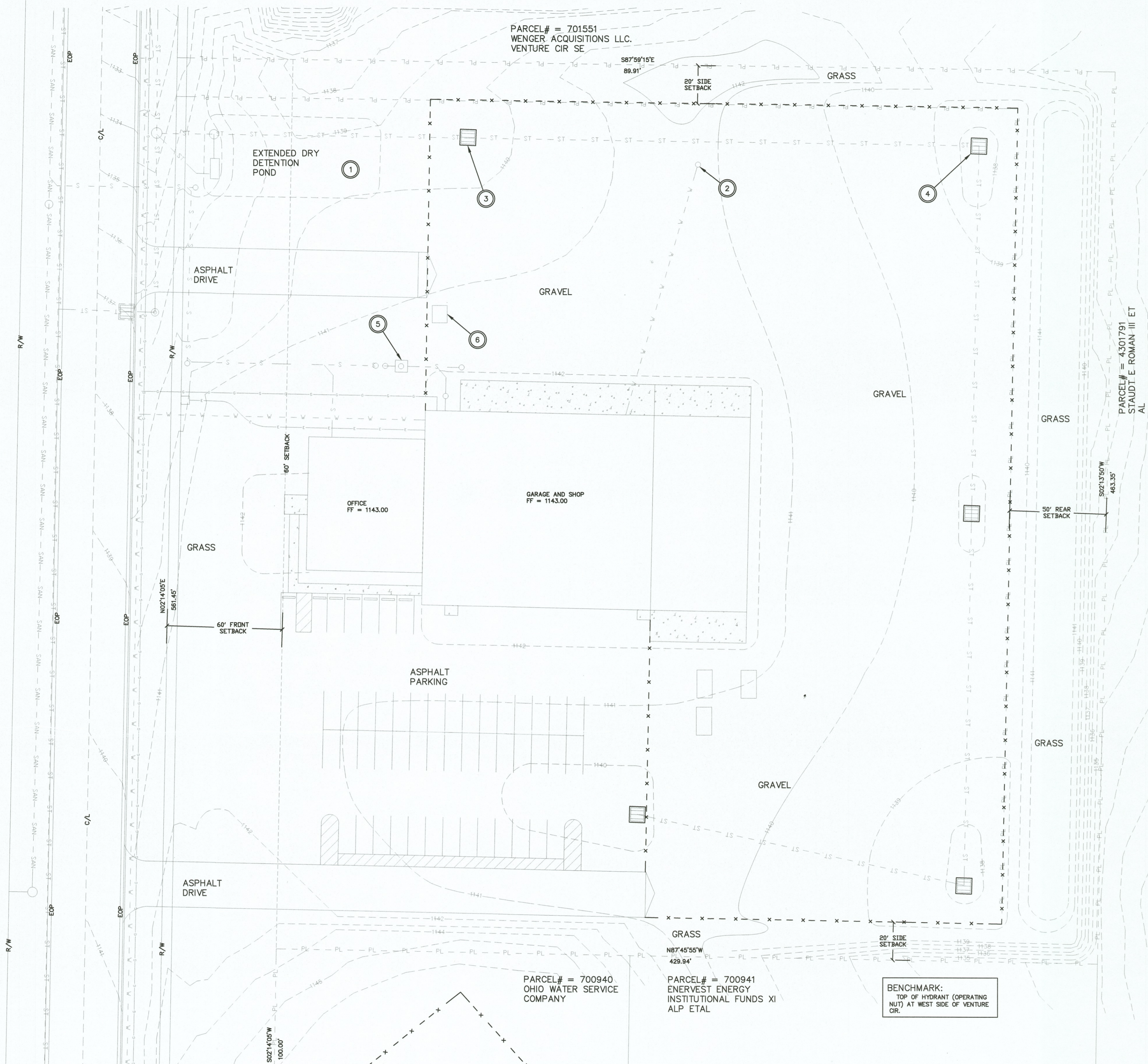
Only approved signed plans by the
City Engineer are to be used for
construction.

REVISIONS	
	DATE
	1 January 20



PROJECT	
New Wash Bay Shelter For: Columbus Equipment Company 2200 Venture Circle, SE Massillon, Ohio 44646	
DRAWING	
Cover Sheet	





EXISTING SITE PLAN

PLAN NOTES

1. CONTRACTORS SHALL SCHEDULE THEIR OPERATIONS AND CARRY OUT THE WORK IN A MANNER TO CAUSE THE LEAST DISTURBANCE AND/OR INTERFERENCE WITH NORMAL TRAFFIC FLOW.
2. THE EXISTING UNDERGROUND INFORMATION AND TOPOGRAPHIC INFORMATION IS BASED ON AVAILABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE START OF CONSTRUCTION AND FOR ANY DAMAGES WHICH OCCUR BY HIS FAILURE TO LOCATE OR PRESERVE THESE UTILITIES. IF DURING CONSTRUCTION OPERATIONS, A CONTRACTOR ENCOUNTERS UTILITIES IN LOCATION OTHER THAN THOSE SHOWN ON THE PLANS, HE SHALL IMMEDIATELY NOTIFY THE OWNER AND TAKE THE NECESSARY STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUANCE OF SERVICE.
3. ALL CONTRACTORS SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES AND SHALL BACKFILL AND GRADE EXCAVATED AREAS SO AS TO ELIMINATE PONDING ON THE SITE, OR ADJACENT PROPERTY.
4. CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF EXISTING ELEVATIONS AT CRITICAL POINTS SUCH AS APPROACHES OF DRAINAGE STRUCTURES, CURBING, ETC. VERIFICATION SHALL BE PERFORMED DURING LAYOUT STAGES AND SIGNIFICANT DISCREPANCIES REPORTED TO THE ENGINEER IMMEDIATELY.
5. CONTRACTOR SHALL CONDUCT HIS OPERATIONS SUCH THAT THE FLOW OF ALL EXISTING SEWERS AND LATERALS WILL BE MAINTAINED AT ALL TIMES.
6. PROPOSED CONSTRUCTION LIMITS = 0.1 ACRES.
7. THE CONTRACTOR SHALL PREVENT AND/OR REDUCE AND CONTROL SOIL EROSION RESULTING FROM THE PROPOSED IMPROVEMENTS. THE USE OF SILT FENCING, JUTE MATTING, TEMPORARY SEEDING, SILT CHECKS, INLET PROTECTION AROUND ALL CATCH BASINS, STABILIZED CONSTRUCTION ENTRANCE(S), ECT. WILL BE REQUIRED. SEDIMENT CONTROL STRUCTURES/DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL RAINWATER AND LAND DEVELOPMENT -- OHIO'S STANDARDS FOR STORM WATER MANAGEMENT, LAND DEVELOPMENT AND URBAN STREAM PROTECTION. SEDIMENT CONTROL DEVICES MUST BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUED INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL DEVICES. THE CONTRACTOR SHALL FOLLOW THE REQUIREMENTS SET FORTH ON THE APPROVED STORM WATER POLLUTION PREVENTION PLAN IF APPLICABLE, OR AS DETAILED ON THE CONSTRUCTION PLANS, AS SPECIFIED BY THE CITY OF MASSILLON.

CODED NOTES

1. EXISTING EXTENDED DRY DETENTION POND WITH PRECAST STORMWATER TREATMENT STRUCTURE.
2. EXISTING YARD HYDRANT TO BE RELOCATED. SEE PLUMBING PLANS.
3. EXISTING STORM BASIN. EX. CSTG = 1139.00. EX. 24" (E&W) INVERT = 1132.34.
4. EXISTING STORM BASIN EX CSTG = 1137.50 EX 24" INVERT (W&S) = 1133.02.
5. EXISTING 1,000 GALLON OIL INTERCEPTOR WITH CLEANOUTS.
6. EXISTING DUMPSTER LOCATION.

IDENTIFICATION

ADDRESS: 2200 VENTURE CIRCLE S.E.
P.B 18 P. 86-87 LOTS 1-72
ACREAGE = 0.69 AC
PARCEL NUMBER = 719437
OWNER: COLUMBUS EQUIPMENT COMPANY
2323 PERFORMANCE PKWY
COLUMBUS, OHIO 43207
TAX DISTRICT: 00060-MASSILLON CITY - PERRY

STATE OF OHIO
K. M. NOBLE
C-56746
PROFESSIONAL ENGINEER
1/2/20
DATE
SIGNATURE

REVISIONS

DATE JANUARY 2, 2020

CONTI 1377

ROBERT V. BUONASINA, INC.
Architectural Firm for Residential, Commercial & Industrial Projects
1401 South Main Street, Suite 204, North Canton, Ohio 44720

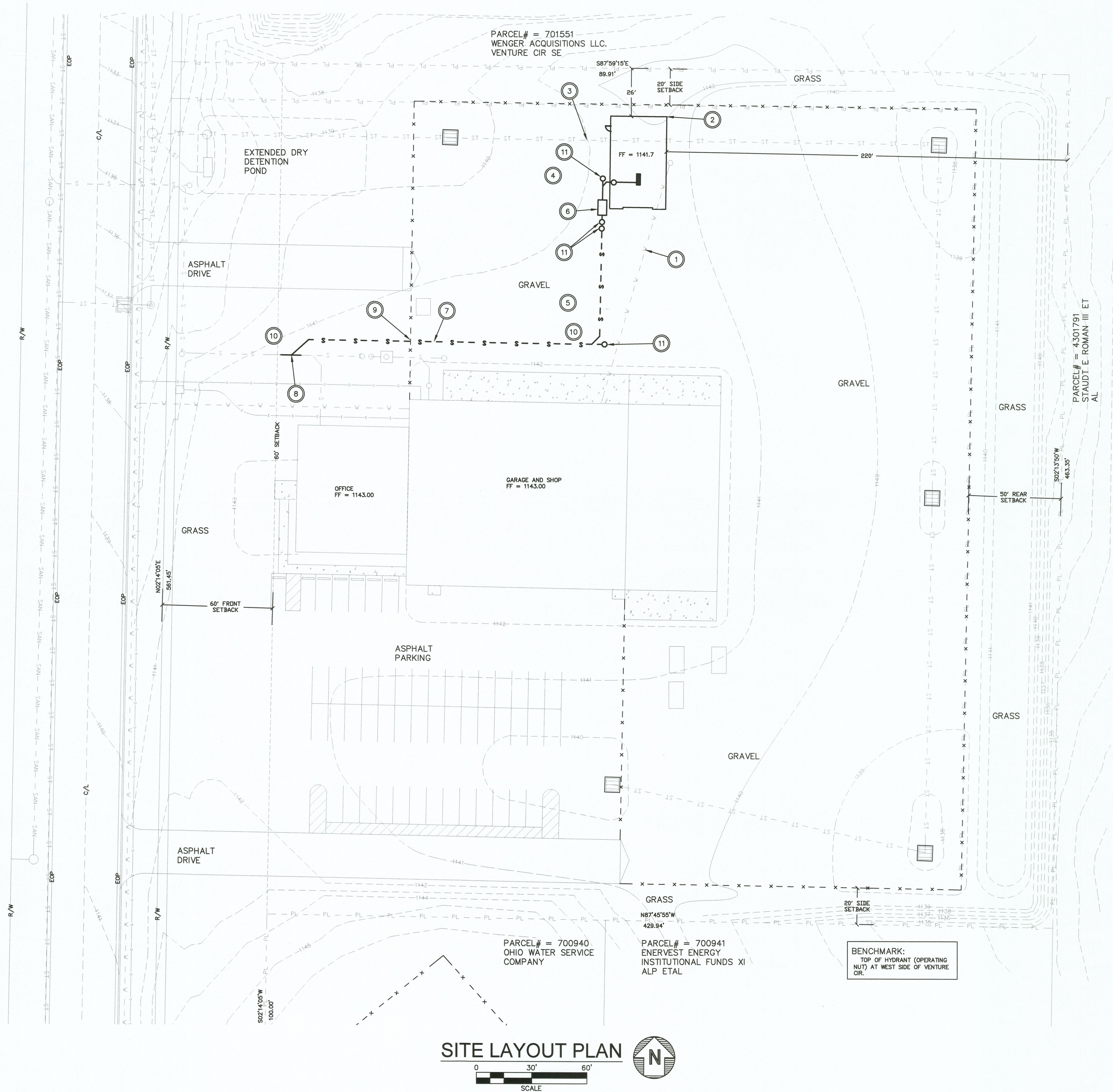
PROJECT
New Wash Bay Shelter For:
Columbus Equipment Company
2200 Venture Circle, SE
Massillon, Ohio 44646

DRAWING
EXISTING SITE PLAN

STOP

Call Before You Dig!
1-800-925-0988
Oil and Gas
Producers
Underground
Protection Service
(OGUPS)

Call TWO WORKING DAYS
BEFORE YOU DIG
OHIO UTILITIES PROTECTION SERVICE
IN OHIO - 800-362-2764
OUT OF OHIO - 216-744-5191
NON-MEMBERS MUST CALL DIRECTLY



CODED NOTES

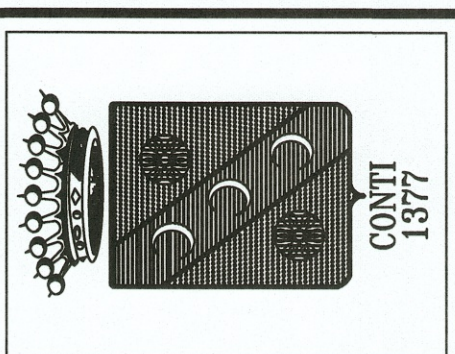
1. CAUTION: EXISTING 3/4" WATER LINE TO YARD HYDRANT. PROTECT LINE DURING CONSTRUCTION. SEE PLUMBING PLANS FOR ADDITIONAL INFORMATION.
2. PROPOSED 30'X50' BUILDING FOOTPRINT. BUILDING IS UNHEATED.
3. CAUTION: EXISTING 24" STORM SEWER. APPROXIMATELY 6' TO TOP OF PIPE. PROTECT DURING CONSTRUCTION.
4. THE PROJECT WILL SHOW NO NET INCREASE IN STORMWATER RUNOFF. EXISTING SURFACE IS TIGHTLY COMPACTED GRAVEL.
5. PARKING LOT IS SLOPED AT LESS THAN 2%.
6. INSTALL 1,000 GALLON PRE-CAST CONCRETE OIL INTERCEPTOR WITH MINIMUM 36" DIA. HEAVY DUTY MANHOLE COVER. INSTALL WITH 4" CLEANOUTS AS SHOWN. SEE PLUMBING PLANS FOR ADDITIONAL INFORMATION.
7. EXTEND 4" SANITARY @ 1% MINIMUM LATERAL FROM OIL INTERCEPTOR TO EXISTING SANITARY LATERAL. CONFIRM LOCATION AND DEPTH OF EXISTING LATERAL PRIOR TO THE START OF CONSTRUCTION.
8. CUT IN NEW 4"X4" WYE USING FERNCO COUPLINGS.
9. REMOVE AND REPLACE FENCING AS NECESSARY TO INSTALL NEW SANITARY LINE.
10. REMOVE GRAVEL AND LAWN AREA AS NECESSARY FOR INSTALLATION OF NEW SANITARY LINE AND REPLACE IN KIND.
11. INSTALL HEAVY DUTY CLEANOUT COVERS.

LEGEND

-- 144 --	PROPOSED CONTOURS
-- S --	SANITARY LINE
-- W --	WATER LINE
-- ST --	STORM LINE
○	CLEANOUT

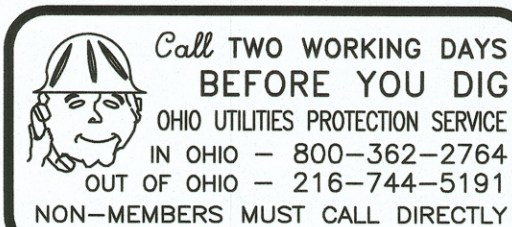


REVISIONS	DATE JANUARY 2, 2020
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PROJECT
New Wash Bay Shelter For:
Columbus Equipment Company
2200 Venture Circle, SE
Massillon, Ohio 44646

DRAWING
SITE LAYOUT PLAN



GENERAL NOTES FOR SEDIMENT POLLUTANT CONTROLS

1. STREETS DIRECTLY ADJACENT TO CONSTRUCTION ENTRANCES AND RECEIVING TRAFFIC FROM THE DEVELOPMENT AREA, SHALL BE CLEANED DAILY TO REMOVE SEDIMENT TRACKED OFF-SITE.
2. ON-SITE PERSONNEL SHALL TAKE ALL NECESSARY MEASURES TO COMPLY WITH APPLICABLE REGULATIONS REGARDING FUGITIVE DUST EMISSIONS, INCLUDING OBTAINING NECESSARY PERMITS FOR SUCH EMISSIONS. THE CONSTRUCTION ACTIVITIES MAY REQUIRE DUST CONTROLS INCLUDING, BUT NOT LIMITED TO, THE USE OF WATER TRUCKS TO WET DISTURBED AREAS, TARPING STOCKPILES, TEMPORARY STABILIZATION OF DISTURBED AREAS, AND REGULATION OF THE SPEED OF VEHICLES ON THE SITE.
3. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR ENSURING ALL FORMS OF WASTE ARE PROPERLY DISPOSED OF.
4. NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF. ANY AND ALL WASTE MATERIALS (SOLID, HAZARDOUS, CONSTRUCTION & DEMOLITION, SANITARY, TOXIC, CONTAMINATED SOILS, ETC.) GENERATED AT THE SITE SHALL BE PROPERLY DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL RULES/REGULATIONS. ON-SITE STORAGE CONTAINERS SHALL BE COVERED AND NOT LEAKING. IT IS PROHIBITED TO BURN, BURY OR POUR OUT ONTO THE GROUND OR INTO THE STORM SEWERS ANY SOLVENTS, PAINTS, GASOLINE, DIESEL FUEL, USED MOTOR OIL, HYDRAULIC FLUID, ANTIFREEZE, CEMENT CURING COMPOUNDS AND ANY OTHER SUCH TOXIC OR HAZARDOUS MATERIALS OR WASTES.
5. HANDLING CONSTRUCTION CHEMICALS. MIXING, PUMPING, TRANSFERRING OR OTHER HANDLING OF CONSTRUCTION CHEMICALS SUCH AS FERTILIZER, LIME, ASPHALT, CONCRETE DRYING COMPOUNDS, AND ALL OTHER POTENTIALLY HAZARDOUS MATERIALS SHALL BE PERFORMED IN AN AREA AWAY FROM ANY WATERCOURSE, DITCH OR STORM DRAIN.
6. EQUIPMENT FUELING AND MAINTENANCE, OIL CHANGING, ETC., SHALL BE PERFORMED AWAY FROM WATERCOURSES, DITCHES OR STORM DRAINS, IN AN AREA DESIGNATED FOR THAT PURPOSE. THE DESIGNATED AREA SHALL BE EQUIPPED FOR RECYCLING OIL AND CATCHING SPILLS. SECONDARY CONTAINMENT WITH A MINIMUM CAPACITY EQUAL TO 110% OF THE VOLUME OF ALL CONTAINERS IN A STORAGE AREA SHALL BE PROVIDED FOR ALL FUEL/LIQUID STORAGE TANKS AND DRUMS.
7. ALL SANITARY WASTE SHALL BE COLLECTED FROM PORTABLE UNITS A MINIMUM OF THREE TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, AS REQUIRED BY LOCAL REGULATION.
8. THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ON SITE DURING THE CONSTRUCTION PROJECT:
- a. AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
- b. ALL MATERIALS STORED ON SITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
- c. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE MANUFACTURER'S LABEL. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
- d. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
- e. THE MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
- f. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON SITE.
9. IN ADDITION TO PREVIOUS NOTES, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEAN-UP:
- a. MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN-UP WILL BE POSTED AND SITE PERSONNEL MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
- b. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON SITE. EQUIPMENT AND MATERIALS WILL INCLUDE, BUT NOT BE LIMITED TO BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY DESIGNATED FOR THIS PURPOSE.
- c. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
- d. THE SPILL AREA WILL BE KEPT WELL-VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- e. SPILLS OF TOXIC OR HAZARDOUS MATERIALS WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.
- f. 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 OF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
- g. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY OPERATIONS WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE 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 ON SITE.

PVC OR PE PLASTIC PIPE

TYPICAL TRENCH SECTION

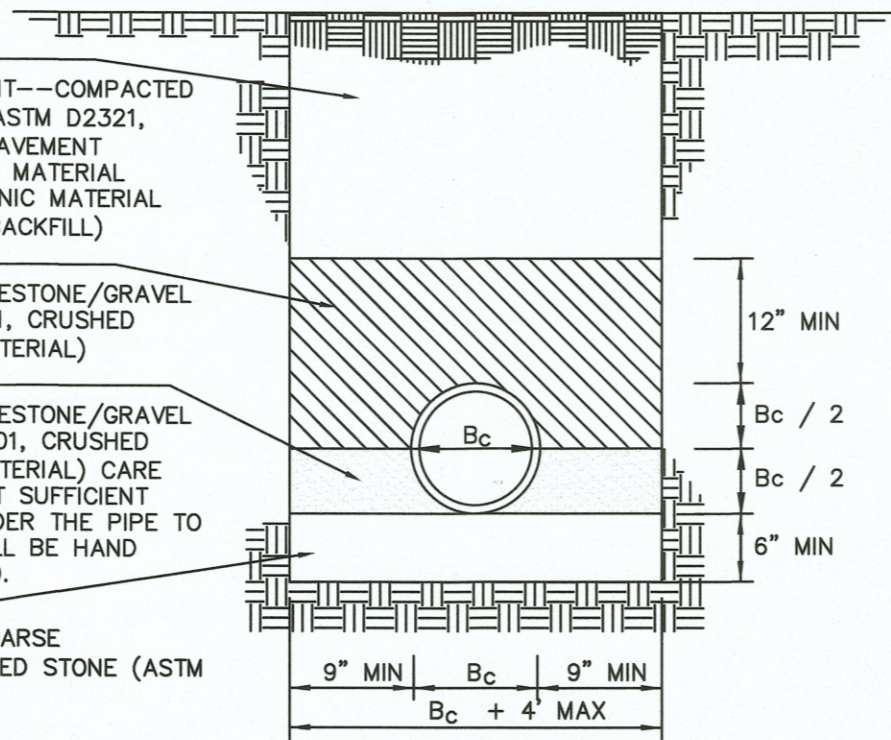
BEDDING AND BACKFILL

FINAL BACKFILL:
UNDER OR WITHIN 2' OF PAVEMENT--COMPACTED
ODOT 411 GRANULAR MATERIAL (ASTM D2321,
CLASS 1 BACKFILL) NOT UNDER PAVEMENT
COMPACTED SUITABLE EXCAVATED MATERIAL
CONTAINING NO REFUSE OR ORGANIC MATERIAL
(ASTM D2321, CLASS 1 THRU 3 BACKFILL)

INITIAL BACKFILL:
COMPACTED NO. 57 CRUSHED LIMESTONE/GRAVEL
COARSE AGGREGATE, ODOT 703.01, CRUSHED
STONE (ASTM D2321, CLASS 1 MATERIAL)

HAUNCHING:
COMPACTED NO. 57 CRUSHED LIMESTONE/GRAVEL
COARSE AGGREGATE, ODOT 703.01, CRUSHED
STONE (ASTM D2321, CLASS 1 MATERIAL) CARE
MUST BE TAKEN TO ENSURE THAT SUFFICIENT
MATERIAL HAS BEEN WORKED UNDER THE PIPE TO
PREVENT VOIDS, HAUNCHING SHALL BE HAND
PLACED AND TAMPED IF DIRECTED.

GRANULAR BEDDING:
COMPACTED NO. 8 OR NO. 67 COARSE
AGGREGATE, ODOT 703.01, CRUSHED STONE (ASTM
D2321, CLASS 1 MATERIAL)

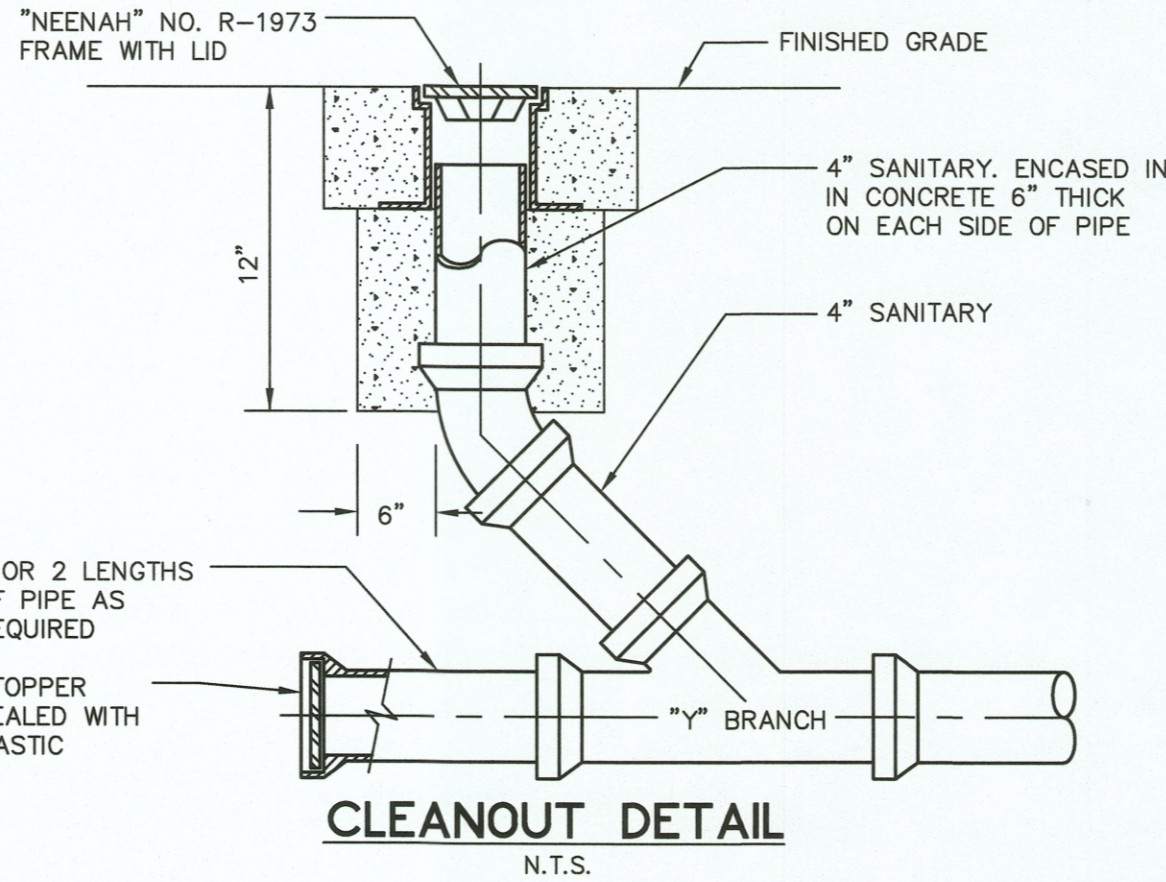


SANITARY SEWER TRENCH DETAILS

N.T.S.

NOTES:

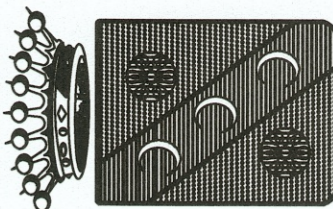
1. NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.
2. ALL EROSION AND SEDIMENTATION CONTROL PRACTICES MUST MEET THE STANDARDS AND SPECIFICATIONS OF THE OHIO RAINWATER AND LAND DEVELOPMENT HANDBOOK.
3. OTHER EROSION AND SEDIMENT CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS.
4. THERE SHALL BE NO SEDIMENT--LADEN DISCHARGES TO SURFACE WATERS OF THE STATE RESULTING FROM DEWATERING ACTIVITIES. IT MUST PASS THROUGH A SEDIMENT SETTLING POND OR OTHER EFFECTIVE SEDIMENT CONTROL DEVICE PRIOR TO BEING DISCHARGED FROM THE CONSTRUCTION SITE.
5. ANY AREAS AT FINAL GRADE OR THAT LIE DORMANT FOR ONE YEAR OR MORE REQUIRE PERMANENT SEEDING WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE (REFER TO OHIO'S "RAINWATER AND LAND DEVELOPMENT" MANUAL). IN ADDITION, ANY AREAS WITHIN 50 FEET OF A STREAM AND AT FINAL GRADE REQUIRE EROSION CONTROLS WITHIN 2 DAYS OF REACHING FINAL GRADE. NOTE THAT A 70% VEGETATIVE DENSITY IS REQUIRED ON ALL DISTURBED SOIL AREAS FOR STABILIZATION. ANY OTHER AREAS AT FINAL GRADE REQUIRES PERMANENT SEEDING WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA.
6. CONSTRUCTION PROJECTS THAT ARE TO BE DORMANT OVER THE WINTER MONTHS MUST BE STABILIZED USING SEEDING. SEEDING MUST BE COMPLETED IN TIME SO THAT ENOUGH HAS SPROUTED BEFORE THE GROWING SEASON ENDS.



N.T.S.

REVISIONS

DATE
JANUARY 2, 2020

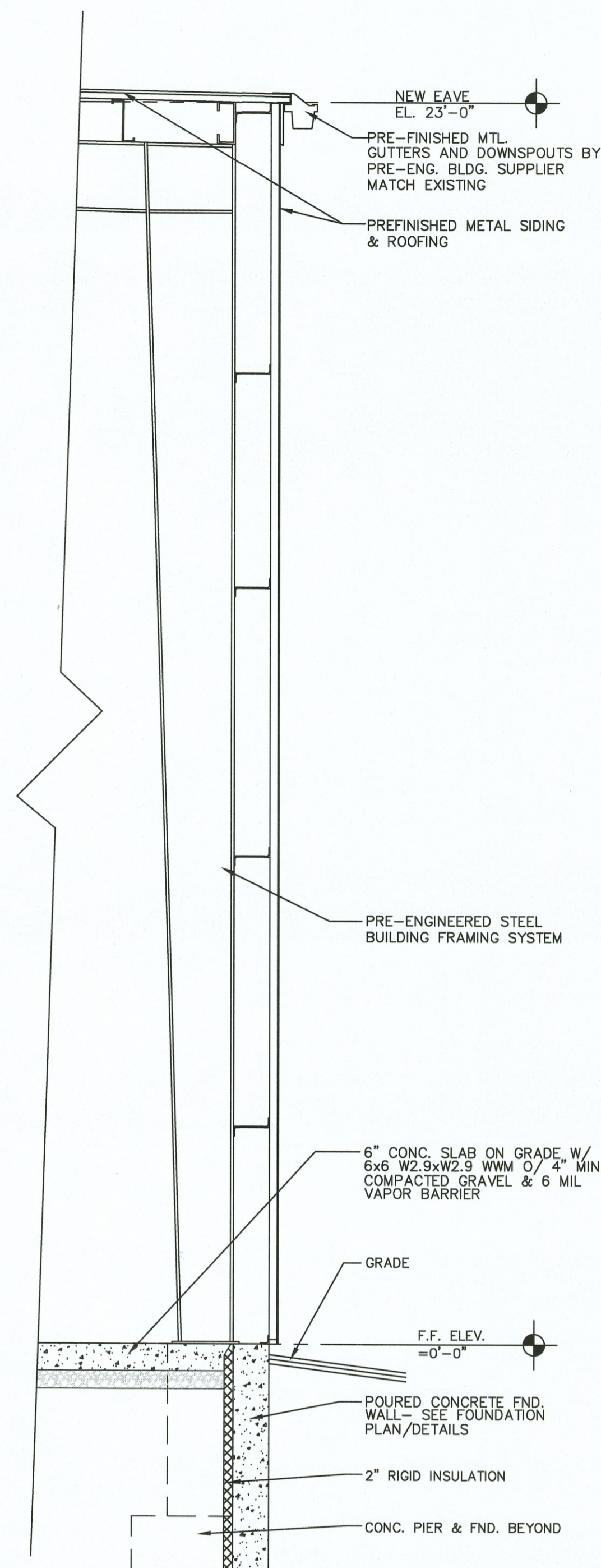


ROBERT V. BUONASPINA, INC.
Architectural Firm for Residential, Commercial & Industrial Projects
1401 South Main Street, Suite 204, North Canton, Ohio 44720

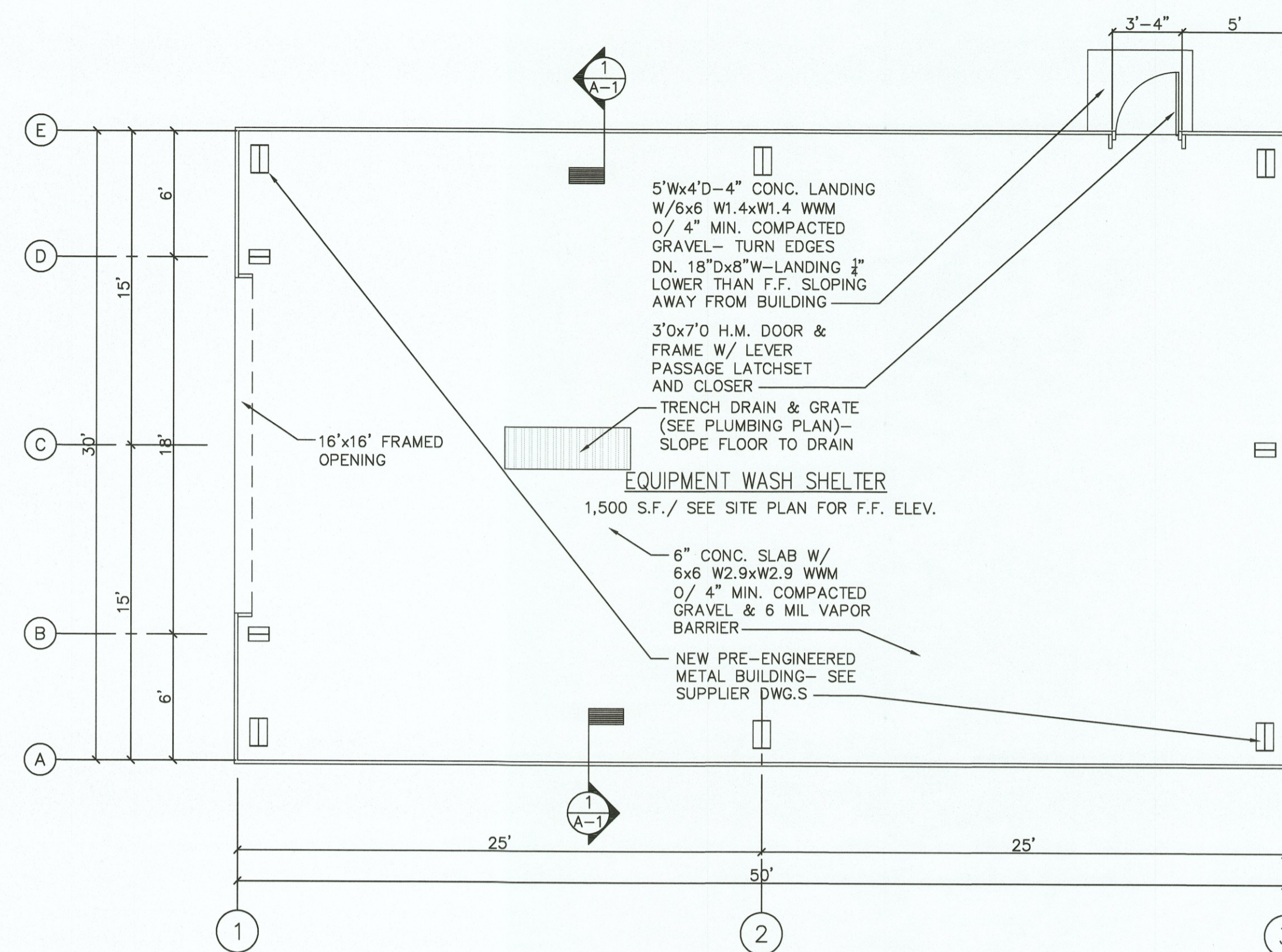
PROJECT
New Wash Bay Shelter For:
Columbus Equipment Company
2200 Venture Circle, SE
Massillon, Ohio 44646

DRAWING
NOTES AND DETAILS

SP-3



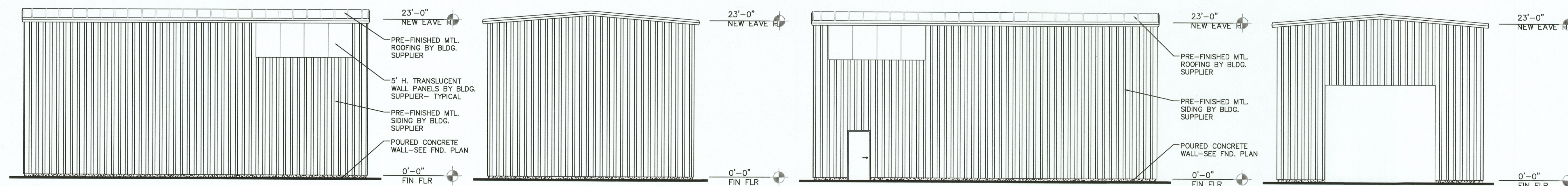
1
A-1
TYPICAL:
WALL SECTION
SCALE: 1/2" = 1'-0"



REFERENCE
N O R T H
PROPOSED:
FLOOR PLAN
SCALE: 3/16" = 1'-0"

Building Loads:

Design Code:	OHIO 2017 (IBC 2015)	Name	Columbus Equipment
MEMA Occupancy Class:	II - Standard Buildings	Roof Dead (PSF)	3.5
Roof Live Load:	20.00 PSF	Primary Collateral (PSF)	5.0
REDUCIBLE PER CODE		Secondary Collateral (PSF)	5.0
Ground Snow Load:	20.00 PSF	Snow Ct	1.0
Snow Exposure Factor, Ce:	1.00	Snow Cs	1.00
Snow Importance Factor, Is:	1.00	Roof Snow Ps (PSF)	17.50
Seismic Information:	Ss: 0.191 S1: 0.052	Roof Snow Pm (PSF)	20.00
Seismic Sds/Sd1:	0.204/0.083	Wind Enclosure	Enclosed
Site Class:	D	GCPi	+/- 0.18
Seismic Imp. Factor Ie:	1.00	Seismic R	3.00
Seismic Design Category:	B	Seismic Cs	0.068
Analysis Procedure:	Equivalent Lateral Force Procedure	Base Shear (KIPS)	33.6
Basic SFRS:	NOT DETAILED FOR SEISMIC		
Wind (MPH): (Vult) / (Vasd)	(115) / (89)		
C & C Pressures (PSF):	(22) / (-29)		
Exposure:	B		
UL90:	No		



EAST ELEVATION
SCALE: 1/8" = 1'-0"

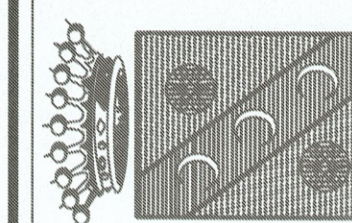
NORTH ELEVATION
SCALE: 1/8" = 1'-0"

WEST ELEVATION
SCALE: 1/8" = 1'-0"

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

REVISIONS

DATE
1 January 20



ROBERT V. BUONASPINA, INC.
Architectural Firm for Residential, Commercial & Industrial Projects
1401 South Main Street, Suite 204 North Canton, Ohio 44720

PROJECT
New Wash Bay Shelter For:
Columbus Equipment Company
2200 Venture Circle, SE
Massillon, Ohio 44646

DRAWING
Floor Plan, Elevations, Section

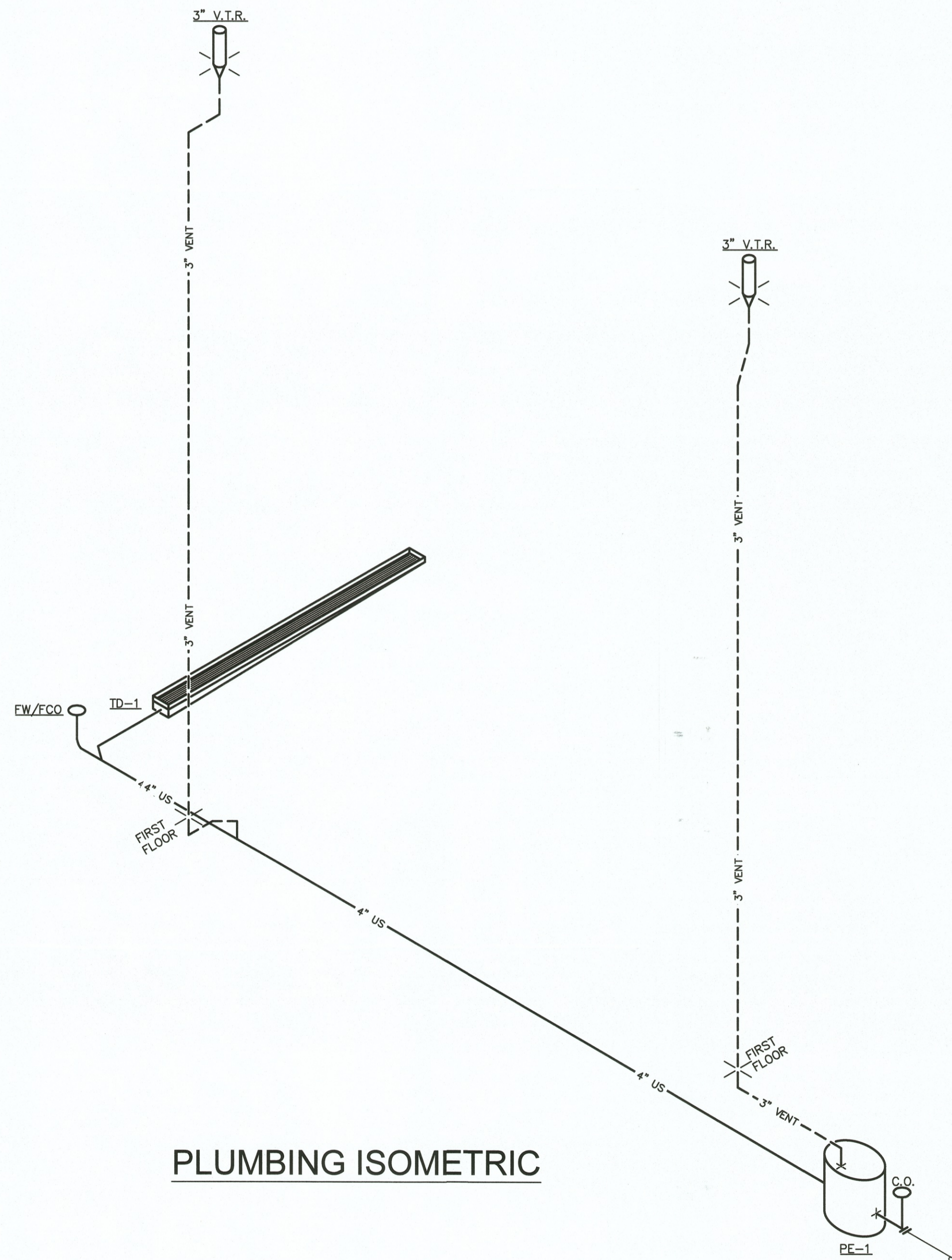
A-1

ABBREVIATION	SYMBOL	DESCRIPTION
US		SANITARY BELOW SLAB
DCW		DOMESTIC COLD WATER
		VENT PIPE
	FW/FCO 	FLUSH WITH FLOOR CLEANOUT
		CODED NOTE
V.T.R.		VENT THRU ROOF
		INDICATES TIE INTO EXISTING

1. THE GENERAL NOTES LISTED HERE APPLY TO ALL PLUMBING DRAWINGS IN ADDITION TO ANY ADDITIONAL DRAWING NOTES ON THE INDIVIDUAL DRAWINGS.
2. SEE CODED NOTES ON INDIVIDUAL DRAWING SHEETS FOR SPECIFIC INSTRUCTIONAL NOTES.
3. FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION.
4. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO THE PLUMBING WORK. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES WHICH OCCURS BY HIS FAILURE TO LOCATE OR PRESERVE THE UNDERGROUND CONDITIONS.
5. IF DURING CONSTRUCTION OPERATIONS, THE PLUMBING CONTRACTOR ENCOUNTERS UTILITIES OTHER THAN THOSE LOCATIONS SHOWN IN THE PLANS, HE SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND TAKE NECESSARY STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUANCE OF SERVICE.
6. IT IS RECOGNIZED THAT DRAWINGS MAY BE PLOTTED AT DIFFERENT SCALES, SUCH THAT PLOTTED DRAWINGS MAY VARY FROM ACTUAL OR INTENDED DIMENSIONS. THEREFORE, DRAWINGS ARE DIAGRAMMATIC AND ARE NOT TO BE SCALED. SSM TAKES NO RESPONSIBILITY FOR ANY DIMENSIONAL DISCREPANCY BETWEEN THE ORIGINAL DRAWINGS DRAWN AT THE PROPER SCALE AND THOSE DRAWINGS THAT HAVE BEEN PLOTTED.
7. THE PLUMBING DESIGN DRAWINGS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW EXACT LOCATION OF EQUIPMENT AND PIPING UNLESS DIMENSIONS ARE GIVEN OR OTHERWISE IMPLIED FOR CLEARANCES, ETC. PIPING AND PLUMBING EQUIPMENT ARE TO BE INSTALLED IN ACCORDANCE WITH THE PLANS SHOWN ON THE DRAWINGS, BUT KEEPING IN MIND THE ACTUAL BUILDING CONDITIONS WHICH MUST BE OBSERVED. FOR ALL ACTUAL WORK, CONTRACTORS IN THEIR BIDS ARE REQUIRED TO INCLUDE ALL LABOR AND MATERIALS AND OTHER RELATED NECESSARILY TO BE DONE. MINOR OFFSETS IN PLUMBING WORK AS REQUIRED TO AVOID CONFLICT WITH OTHER WORK OR PREPARED IN SEQUENCES IN ORDER TO OBTAIN MAXIMUM HEAD ROOM OR EQUIPMENT ACCESS IN SPACES.
8. THE PLUMBING CONTRACTOR IS TO COORDINATE ALL PIPING WITH OTHER TRADES PRIOR TO ROUTING PIPING AND SHALL MAKE OFFSETS AND ADJUST PIPE ROUTING AS REQUIRED TO HANDLE CONFLICTS IN FIELD. THE PLUMBING CONTRACTOR SHALL ALSO BE REQUIRED TO COORDINATE WITH MECHANICAL AND ELECTRICAL MEMBERS AS REQUIRED. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEMBERS AS REQUIRED AND SHALL INCLUDE IN THEIR BASE BID THE ASSOCIATED COST FOR ADDITIONAL FITTINGS, PIPING, AND MAN HOURS TO ACCOMMODATE CONFLICTS.
9. SEE ARCHITECTURAL PLANS FOR EXACT LOCATION AND ELEVATION OF PLUMBING FIXTURES.

MARK NO.	DESCRIPTION	MAKE / MODEL / SIZE	REMARKS
PE-1	OIL INTERCEPTOR WITH H2O TRAFFIC LOAD BEARING COVER	LINDSAY PRECAST CONCRETE	1,000 GALLON PRECAST REINFORCED CONCRETE TANK HEAVY DUTY H2O TRAFFIC RATED, ACCESS COVER, 4-INCH INLET/OUTLET WITH INTEGRAL TIE FITTINGS, EXTENSION COLLARS TO GRADE (FIELD VERIFY REQUIRED HEIGHT), 3" VENT PORT, AND 4" CLEANOUT ACCESS.

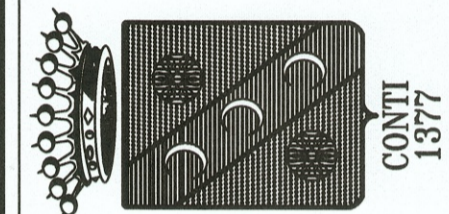
MARK NO.	DESCRIPTION	MAKE / MODEL / SIZE	REMARKS
TD-1	TRENCH DRAIN	"ZURN" Z808 SERIES	26" WIDE PRE-SLOPED HIGH DENSITY POLYETHYLENE TRENCH DRAIN SYSTEM WITH HEAVY DUTY DUCTILE IRON FRAME AND GRATE, CONSISTING OF SLOPED CHANNEL SECTIONS, END CAPS, OUTLETS, AND ACCESSORIES AS REQUIRED FOR A COMPLETE SYSTEM. PROVIDE WITH SLOTTED GRATING AND GRATE LOCKING DEVICE, AND 4" PIPE OUTLET.
FW/FCO	FLUSH WITH FLOOR CLEANOUT	"ZURN"	HEAVY DUTY, CAST IRON FLOOR CLEANOUT WITH SPIGOT OUTLET FOR "NO-HUB" OR "TY-SEAL" CONNECTION. THREADED ADJUSTABLE HOUSING, FLANGED FERRULE WITH FLUG AND ROUND SECURED NICKEL BRONZE TOP. TOP TO MATCH FINISHED FLOOR AREA.



Technical drawing of a cleanout detail. The drawing shows a vertical pipe assembly. At the top, a "NEENAH" NO. R-1973 frame with lid is shown. Below it, a 4" sanitary section is encased in 6" thick concrete. The concrete is 12" high. Below the concrete, a 4" sanitary section is shown. At the bottom, a 1/2" branch pipe is shown. The drawing includes labels for "FINISHED GRADE", "4\" sanitary ENCASED IN CONCRETE 6\" THICK ON EACH SIDE OF PIPE", "4\" SANITARY", "1 OR 2 LENGTHS OF PIPE AS REQUIRED", "STOPPER SEALED WITH MASTIC", and "1/2\" BRANCH". The drawing is titled "CLEANOUT DETAIL" and "N.T.S."



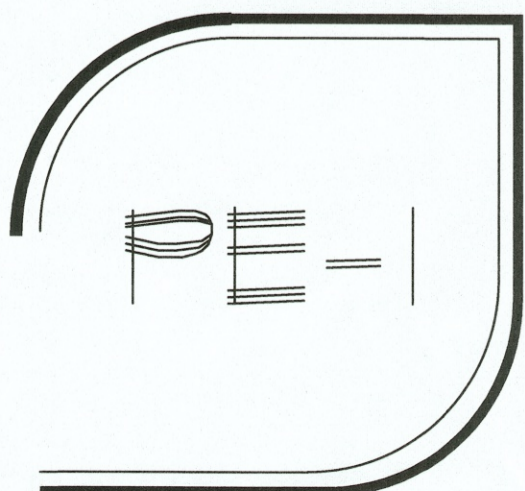
REVISIONS

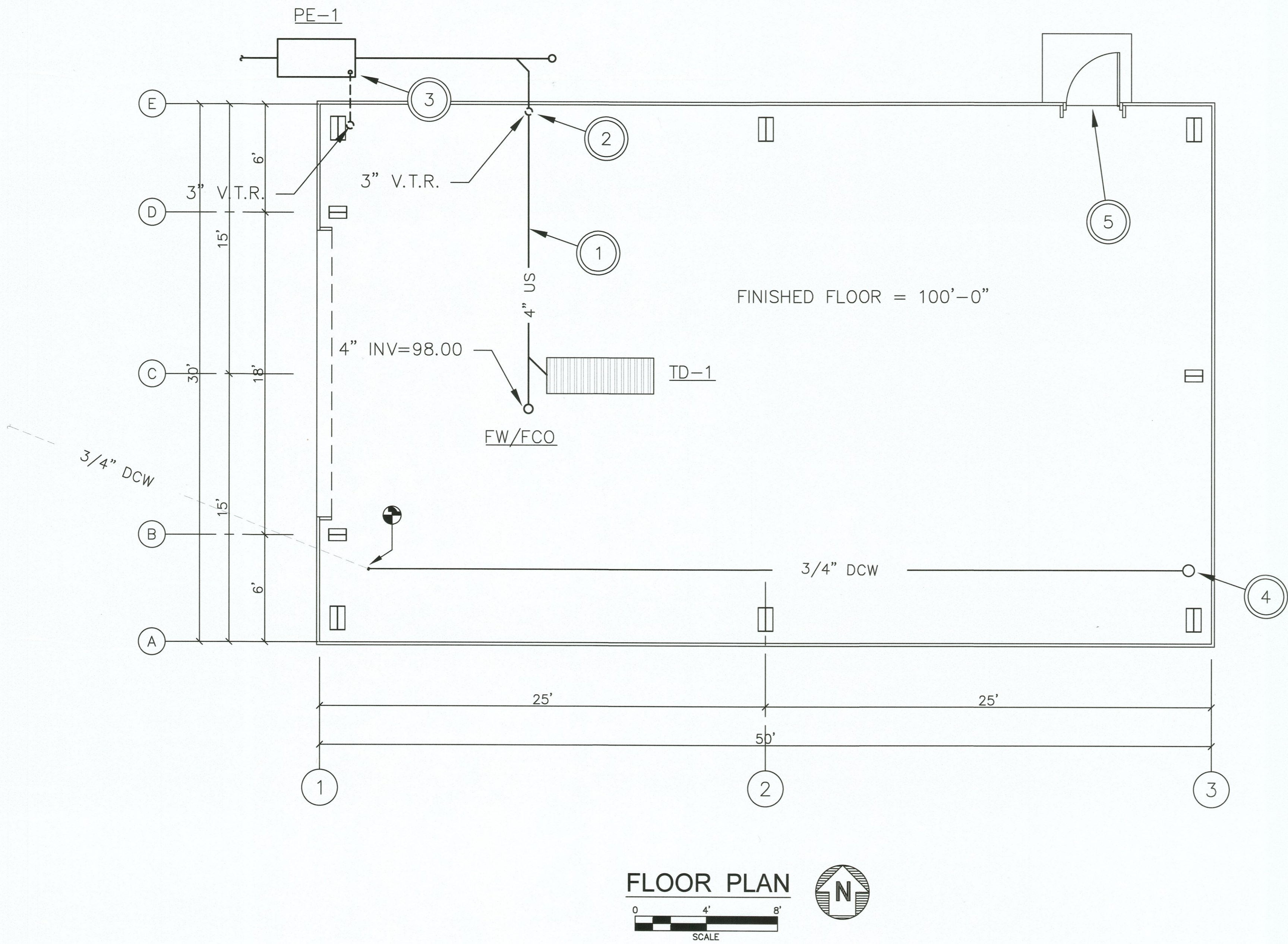
DATE
JANUARY 2, 2020

ROBERT V. BUONASPINA, INC.
Architectural Firm for Residential, Commercial & Industrial Projects
401 South Main Street Suite 204 North Canton, Ohio 44705

PROJECT
New Wash Bay Shelter For:
Columbus Equipment Company
2200 Venture Circle, SE
Massillon, Ohio 44646

DRAWING
SYMBOL LEGEND / SCHEDULE





PLAN NOTES

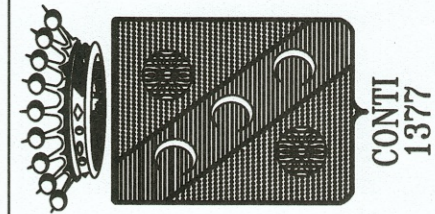
- A. THIS CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION.
- B. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES WHICH OCCURS BY HIS FAILURE TO LOCATE OR PRESERVE THE UNDERGROUND CONDITIONS.
- C. IF DURING CONSTRUCTION OPERATIONS, THE PLUMBING CONTRACTOR ENCOUNTERS UTILITIES OTHER THAN THOSE LOCATIONS SHOWN IN THE PLANS, HE SHALL IMMEDIATELY NOTIFY THE ENGINEER AND TAKE THE NECESSARY STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUANCE OF SERVICE.
- D. FINAL TRENCH DRAIN ELEVATION IS TO BE SET BY THE PLUMBING CONTRACTOR. COORDINATE EXACT POSITIONING OF TRENCH DRAINS WITH GENERAL CONTRACTOR TO PROPERLY SLOPE CONCRETE FLOORS.

CODED NOTES

1. INSTALL 4" COMBINATION DRAIN AND VENT BELOW SLAB AND EXTEND UP TO TRENCH DRAIN. COORDINATE FINAL LOCATION WITH ARCHITECTURAL PLANS.
2. ROUTE 3" VENT THROUGH ROOF.
3. 1,000 OIL INTERCEPTOR WITH H2O TRAFFIC LOADING. EXTEND 3" VENT LINES FROM INTERCEPTOR AND STORAGE COMPARTMENT AND ROUTE TO BUILDING. EXTEND 3" VENT UP ALONG BUILDING WALL AND TERMINATE AS 3" VENT THROUGH ROOF.
4. EXTEND 3/4" UNDERGROUND DOMESTIC WATER LINE AS SHOWN AND REINSTALL EXISTING YARD HYDRANT INSIDE OF THE BUILDING. COORDINATE EXACT LOCATION OF THE YARD HYDRANT WITH THE OWNER.
5. INSTALL "LITHONIA" QUANTUM BATTERY POWERED LED EXIT SIGN WITH RED LETTERS ON WHITE FACE, THERMOPLASTIC HOUSING, SINGLE FACE, NICKEL-CADNIUM BATTERY, SELF DIAGNOSTICS. INSTALL WALL MOUNTED ABOVE THE DOOR.

REVISIONS

DATE JANUARY 2, 2020



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PROJECT
New Wash Bay Shelter For:
Columbus Equipment Company
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DRAWING
FLOOR PLAN

PE-2