

MR 509  
Permit No. 05-266-22

Office Use Only

State of Ohio  
Department of Transportation  
Permit

County or Jurisdiction MUS  
Rte SR83  
Log Pt 0.55  
Acc Cat

[1] Subject to all terms, conditions, and restrictions printed, written below and on the reverse side hereof, or attached,

Name: Sheetz, Inc.  
Address: 5700 Sixth Avenue Altoona PA 16602  
Company Phone: 724-683-5630

is hereby granted a permit under Section 5515.01 and 5515.02 of Ohio Revised Code, and permission to perform work necessary in the manner described and at the location indicated in the following or attached to this permit.

**Drive - Commercial - (see attached sheets 4 of 4)**

Description of Work: to construct a Sheetz gas station/C-store and diesel facility located along SR. 83 in the Village of New Concord. Some improvements are within the limited access R/W. There will also be a partial median removal and full depth pavement replacement within the limited access R/W. Some utility work will take place in the R/W, however it is NOT within the L/A R/W.

[2] This permit shall be in the possession of employees /agents of permittee on site at all times who are in charge of the work and shall be shown, upon request, to any employee of the Department of Transportation.

Contact ODOT Representative 3 days before work begins, also contact ODOT Representative when work is completed for final inspection.  
**Failure to notify the ODOT Representative could result in work stoppage!**

[3] No work authorized by this permit shall begin until the permittee has contacted and received instructions from

ODOT Representative: Phil Valentine  
Phone: 740-452-1421  
Email Address: phil.valenting@dot.ohio.gov  
(ODOT's Muskingum County Manager)

NOTE: Any work performed by the permittee may be stopped if this requirement is not met.

[4] Prior to any excavation in the highway right-of-way, the Ohio811, <https://www.oups.org/excavators>, must be contacted in accordance with ORC Section 3781.25 to 3781.32. Ohio811 can be reached at 1-800-362-2764 or 811.

**[5] If your utility is above ground in any way, you must mark your utility with a fluorescent colored marker that corresponds with the universal OUPS color code. The marker must be no shorter than six feet in height and you must maintain the marker. Guide wires must be marked a fluorescent yellow. Failure to mark as described, will result in the Department of Transportation being held harmless and no reimbursement for damage to your property.**

[6] All work requiring persons or vehicles within ODOT right of way shall comply with all applicable requirements of the Ohio Manual of Uniform Traffic Control Devices and Item 614 (Maintaining Traffic) of the Construction and Material Specifications, latest editions. Failure to comply with these requirements will be cause for immediate revocation or suspension of the permit until the proper traffic control devices have been provided.

[7] The permittee accepts the conditions, terms, and requirements printed, written on, or attached to this permit and understands that failure to comply fully with those conditions, terms, and requirements or any change in the use of the permit inconsistent with its terms and conditions will be considered a violation and cause for suspension, revocation, or annulment of the permit thereby rendering the permit illegal and subject to appropriate Department action, up to an including removal of the installation at the permittee's expense.

[8] Performance Bond Required?  Yes  No Company \_\_\_\_\_  
Effective Date \_\_\_\_\_ Expiration Date \_\_\_\_\_ Amount \$ \_\_\_\_\_

[9] This permit shall be void if the work described herein does not comply with the conditions, terms, and requirements applicable to this permit, and if the work is not completed by **01/01/2023**  
**Dated 07/01/2022**

Rev 5/6/2021  
General Provisions Applicable to All Permits  
(Sections 5515.01 and 5515.02 of O.R.C.)

- [1] This permit is not a substitute for satisfying the rights or obligations of any other party who may have an interest in the underlying fee interest.
- [2] The granting of this permit does not convey to the permittee or to the property served any rights, title, or interest in state highway rights of way or in the design or operation of the state highway; or in any way abridge the right of the Director of the Department of Transportation in his jurisdiction over state highways. If, in the process of any future work or for the benefit of the traveling public, it becomes necessary, in the opinion of the Director of Transportation to order the removal, reconstruction, relocation, or repair of any of the fixtures, or work performed under this permit, said removal, reconstruction, relocation, or repair shall be wholly at the expense of the owners thereof or the permittee and be made as directed by the Director of Transportation and within the time determined by the Director. Such changes in the state highway design or operation, necessary for improved safety and operation or for the benefit of the traveling public, shall not require a permit modification since the permit confers no private rights to the permittee over the control of the state highway.
- [3] The District Deputy Director acts for and on behalf of the Director in issuing and carrying out the provisions of all permits. The District Deputy Director has full authority to ensure that all provisions of the permit are met and to reject any materials, design, and workmanship that do not meet applicable Department standards. The District Deputy Director, at his/her discretion, may require a performance bond or certified check as a prerequisite to the issuance of a permit.
- [4] Failure on the part of the permittee to comply fully with the provisions and conditions of the permit will be cause for suspension, revocation, or annulment of the permit thereby rendering the permit illegal and subject to appropriate Departmental action. By accepting the permit, the permittee agrees to comply with all conditions, terms, and restrictions printed or written on or attached to the permit. If the permittee or its agent performs any work contrary to the conditions of the permit or to the instructions of the District Deputy Director and, after due notice, fails to correct the problem, the Department of Transportation may, with or without notice, correct or remove such work and the permittee shall reimburse the Department for the costs and shall hold the Department harmless for all results of such work.
- [5] The permittee shall indemnify and hold harmless the State of Ohio, Department of Transportation, its officers, representatives and assigns, from any and all loss, liability, damages, litigation costs, and claims for injury or death to any person, property, or business caused by or resulting from any act, omission, event, consequence, or occurrence, negligent or otherwise of the permittee, its employees, agents, or assigns as a result of the issuance of this permit.
- [6] All work authorized under the permit shall be performed to the Department's satisfaction, and the entire expense shall be borne by the permittee. No work shall be performed until the permittee has contacted the Department's appointed representative named on the permit and received instructions. The Department's representative may inspect all work covered by the permit, or the Department reserves the right, during the time any or all of the work is being performed, to appoint an inspector over the work who shall represent the interest of the State on the work and any compensation arranged for shall be paid wholly by the permit holder. Work not in compliance shall be halted and the District Deputy Director shall be notified of the cause. The permittee shall be notified of the Department's determination and given an opportunity to correct the problem. If the problem is not corrected timely or to the satisfaction of the Department, this permit will be revoked.
- [7] Failure to complete all work within the time specified on the permit shall void the permit, thereby making the permit illegal and subject to appropriate Departmental action. The permittee may request an extension in writing from the District Office, explaining why the extension is necessary and when the work is expected to be completed.
- [8] All work infringing on the pavement or shoulders shall comply with applicable standards and requirements regarding traffic control devices. Failure to comply will be cause for revocation or suspension of the permit. Any closure of lanes or shoulders shall be described in terms of location, duration, time of day, etc. Such work shall not begin until all traffic control devices are in place.
- [9] If any grading, sidewalk, or other work allowed by a permit interferes with the drainage of the highway in any way, such catch basins and outlets as necessary shall be constructed to take proper care of said drainage and any materials such as pipes and tiles damaged during any installation or repair by the permittee or its employees or agents shall be repaired immediately at the sole cost of the permittee. Permittee shall timely notify the Department of any such damage and repairs thereto. Failure of the permittee to immediately repair the damage after it is discovered shall result in the Department performing the repair and the permittee shall reimburse the Department for the costs and shall hold the Department harmless for all the results of such work which may include removal of the permittee's facilities.



[10] Any damage to ODOT or another's property caused by the work shall be repaired by the permittee or permittee's agent or contractor in a timely manner and at the sole cost of permittee. If any emergency repairs to ODOT property are needed that cannot be performed by the permittee or permittee's agent or contractor, ODOT shall cause the repairs to be performed at the sole cost of permittee.

[11] Upon completion of the work, the permittee shall leave the highway clean of all rubbish, excess materials, temporary structures and equipment, and all parts of the highway shall be left in a condition acceptable to the Department. Upon satisfactory completion of the work authorized by the permit, the Department's appointed representative shall complete the Permit Inspection Certificate, Form No. MR 678 certifying that the permittee has complied with the terms of the permit.

[12] Except as herein authorized, no excavation shall be made or obstacle placed within the limits of the highway so as to interfere with the travel over the road.

[13] All pole lines are to be built in accordance with Rule 4901:3-1-08 of Ohio Administrative Code promulgated and enforced by the Public Utilities Commission of Ohio.

[14] All underground utilities shall be installed at a depth and horizontal distance from the road surface and any appurtenances in accordance with state and national safety standards and as pre-approved by the Department. After installation, the exact location of the utility shall be provided to the Department. The Department shall be held harmless for any damage to utilities due to insufficient or inaccurate installation or identification and all repairs shall be at the sole cost of the permittee.

[15] The permittee shall comply with the Air Pollution requirements of Rule 3745-17-08 of the Ohio Administrative Code promulgated and enforced by the Ohio Environmental Protection Agency.

[16] The permittee certifies that he or she is fully authorized to sign this permit. This permit shall apply to and be binding upon the permittee and any successors in interest. No change in ownership of the underlying property or of the facility owned by permittee shall in any way alter the permittee's obligations under this permit.

[17] The permittee(s) for herself/himself/themselves/itself, her/his/their/its personal representatives, and her/his/their/its successors in interest and assigns, as a part of the consideration hereof, do/does hereby covenant and agree that:

(1) No person on the grounds of race, color, or national origin, shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the use of the utility/facilities/ services of the permittee.

(2) In the construction of any improvements on, over, or under the above described property and the furnishing of services thereon, no person on the grounds of race, color, national origin, sex, age, or disability shall be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination.

(3) The above described property shall be used in a manner that at all times is in compliance with all other requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. DOT, Subtitle A, Office of the Secretary, Part 21, Non-discrimination in Federally-assisted programs of the U.S. DOT — Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended.

(4) In the event that this instrument grants a lease, license, or permit and any of the above non-discrimination covenants is breached, then the State of Ohio, Department of Transportation, shall have the unfettered right to terminate the lease, license or permit and to re-enter and repossess the above-described property and hold the same as if said lease, license or permit had never been made or issued.

This permit is granted subject to the following attached conditions:

To construct a Sheetz gas station/C-store and diesel facility located along SR. 83 in the Village of New Concord. As part of the project, there will be SR 83 roadway improvements within the R/W that the Village governs as well as improvements within the limited access R/W that ODOT governs. Improvements within the limited access R/W include an ODOT style guardrail and some minor areas of curbing/pavement and grading for a portion of a proposed full access curb cut. There will also be a partial median removal and full depth pavement replacement within the limited access R/W. See the attached approved plans for more details of approved work.

**This permit is only for the work within the Limited Access right-of-way portions of SR 83.**

The location of the work within the Limited Access Right-of-way is basically from the IR 70 WB on/off ramps to Liberty Drive along the West side and median of SR 83 in Muskingum County.

Upon completion of the work, the highway right-of-way shall be clean of all excess materials and equipment and all parts of the right-of-way shall be left in an acceptable condition. Restoration of all areas disturbed shall be completed immediately after installation is completed and comparable to that of the surrounding area.

All work requiring men or vehicles within ODOT's right-of-way shall comply with all applicable requirements of the Ohio Manual of Uniform Traffic Control Devices (latest edition).

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### CONDITION I

DROP-OFFS BETWEEN ADJACENT TRAVELED LANE(S) / PAVED SHOULDER  
(Freeways, Expressways, other Roadways  $\geq 45$  mph)

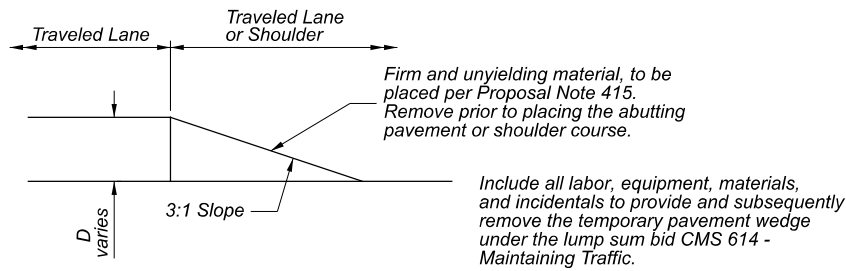
These treatments are to be used for resurfacing or pavement planing, etc. where a drop-off is located between or within traveled lanes and/or shoulder.

D	Treatment
$\leq 1\text{-}\frac{1}{2}"$	Erect W8-11 or W8-9 sign as appropriate.
$> 1\text{-}\frac{1}{2}" - \leq 3"$	1) Optional Wedge Treatment; or, 2) Close a lane and/or shoulder per Condition II.
$> 3"$	Close a lane and/or shoulder per Condition II.

### OPTIONAL WEDGE TREATMENT

(MILLING OR RESURFACING)

- W8-9/W8-11 sign shall be used as appropriate.
- This treatment shall not be used where a hot longitudinal joint per CMS 446 is required.

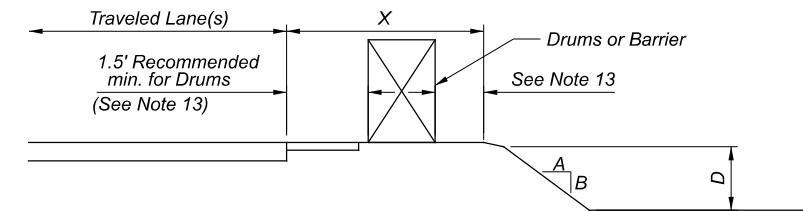
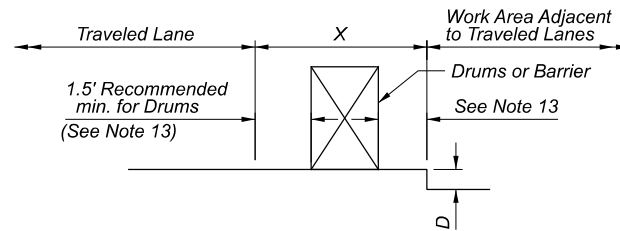


### CONDITION II

DROP-OFFS BEYOND EDGE OF TRAVELED LANES / PAVED SHOULDER  
(Freeways, Expressways, other Roadways  $\geq 45$  mph and Minimal Driveways)

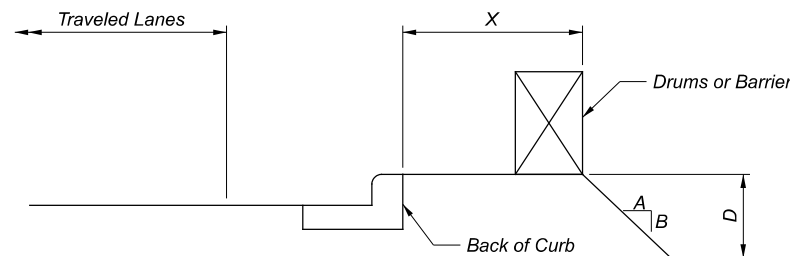
- The treatments indicated below are for use in conjunction with resurfacing, planing, or excavations located beyond the edge line of the traveled lanes.
- The treatments indicated below are applicable for pavement/shoulder drop-offs and for locations where foreslopes "A/B" are steeper than 3:1.
- Where the drop-off is located outside the clear zone, no treatment is necessary (see Table II and SCDs MT-95.30, 95.40, or 102.10).
- Where foreslopes "A/B" are 3:1 or flatter, no treatment is necessary.

D	METHOD OF DROP-OFF PROTECTION TO BE USED TO SEPARATE THE TRAFFIC FROM THE DROP-OFF							
	Drop-off location "X" from traveled lane < 4'	Drop-off location "X" from traveled lane 4' - 12'		Drop-off location "X" from traveled lane > 12' - 20'		Drop-off location "X" from traveled lane > 20' - 30'		
		Daytime Only	Night	Daytime Only	Night	Daytime Only	Night	
$\leq 3"$	DRUMS or OPTIONAL WEDGE TREATMENT	NONE	NONE	NONE	NONE	NONE	NONE	
$> 3" - \leq 5"$	DRUMS or OPTIONAL WEDGE TREATMENT	DRUMS	DRUMS	NONE	NONE	NONE	NONE	
$> 5" - \leq 12"$	PB	DRUMS	DRUMS	NONE	NONE	NONE	NONE	
$> 12" - \leq 24"$	PB	DRUMS	PB	DRUMS	DRUMS	NONE	NONE	
$> 24"$	PB	DRUMS	PB	DRUMS	PB	DRUMS	PB	



### CONDITION III

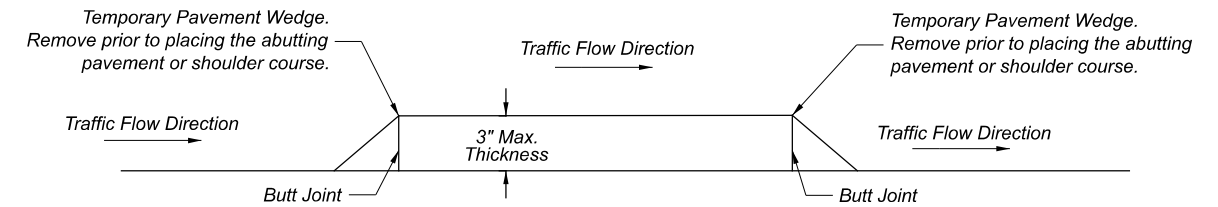
DROP-OFFS BEHIND CURB WHERE CURB IS 6" OR GREATER IN HEIGHT AND THE LEGAL SPEED IS 40 MPH OR LESS



X	D	A/B	Treatment Required	
			Day	Night
0' - 10'	$\leq 12"$	Any	None	Drums
0' - 10'	$> 12"$	Any	Drums	Drums
$> 10'$	Any	Any	None	None

### CONDITION IV

TEMPORARY PAVEMENT WEDGE AT TRANSVERSE JOINTS IN OPEN TRAVEL LANES / PAVED SHOULDER



- Erect and maintain a "BUMP" (W8-1) sign and supports at the butt joint until the condition no longer exists.
- Include all labor, equipment, materials, and incidentals to provide and subsequently remove the temporary pavement wedge under the lump sum bid CMS 614 - Maintaining Traffic.
- The temporary pavement wedge will only be permitted for use with a single lift of pavement at a time.
- For operations involving a paved shoulder, a temporary pavement wedge will be required in conditions where temporary edge lines are not being utilized for open travel lanes.

Duration	Slope of Temporary Wedge	
	< 45 mph	$\geq 45$ mph
In place $\leq 7$ days	36:1	60:1
In place $> 7$ days	60:1	120:1

07-17-2020
07-21-2017
07-17-2015
07-18-2014
07-19-2013
10-19-2012
10-21-2011
01-16-2009

REVISIONS
07-17-2020
07-21-2017
07-17-2015
07-18-2014
07-19-2013
10-19-2012
10-21-2011
01-16-2009

STDS ENGINEER  
Willis

STATE OF OHIO DEPARTMENT OF  
TRANSPORTATION ADMINISTRATOR  
**Brenton Bogard**

**DROP-OFFS IN WORK ZONES**

DESIGN AGENCY



SCD NUMBER  
MT-101.90

SHEET	TOTAL
2	2

**NOTES:**

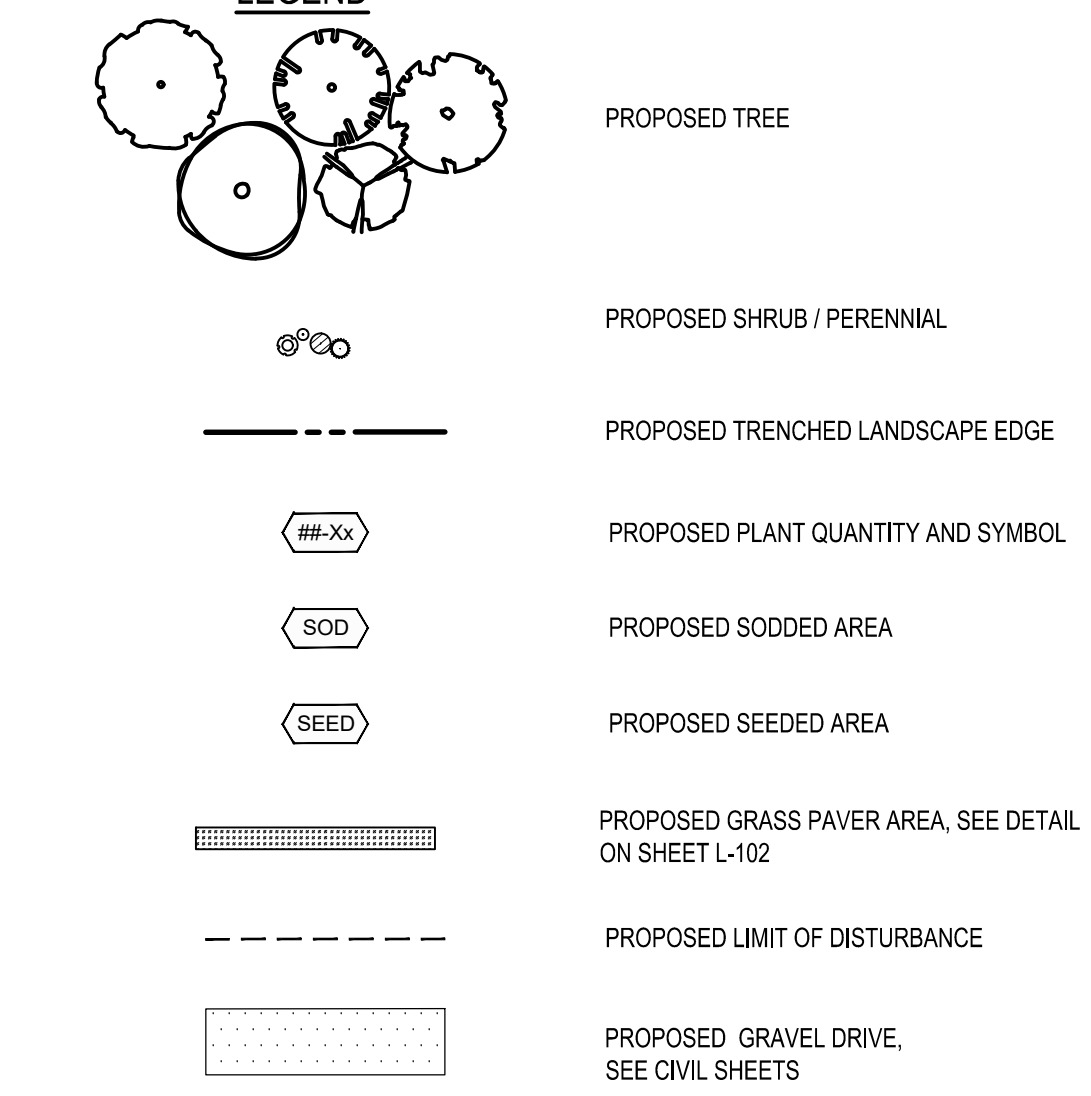
1. *It is intended that this drawing be used for treatment of drop-offs that develop during construction operations and that are not otherwise provided for in the construction plans. Include all labor, equipment, materials, and incidentals to provide and subsequently remove the temporary pavement wedge and drop-off treatments under the lump sum bid CMS 614 - Maintaining Traffic, unless otherwise specified in the plans.*
2. *Minimum lane widths shall be 10' unless otherwise specified in the plans.*
3. *While the need for certain advisory signing is noted herein, it is not intended that this be indicative of all signing that may be required to advise or warn motorists, and all requirements of the Ohio Manual of Uniform Traffic Control Devices (OMUTCD) must be fulfilled.*
4. *In urban or otherwise heavily developed areas where intersections, driveways, pedestrians and/or bicyclists may be present in significant numbers, additional signing and protective measures other than those shown herein may be required.*
5. *The drop-off treatment selected for use at any given location shall be as appropriate for the prevailing conditions at the site.*
6. *Where portable barrier is specified, it shall be in accordance with SCD RM-4.1 or 4.2 and with C&MS 622.*
7. *For locations such as at ramps, lane shifts, lane closures, etc., where traffic is required to negotiate a difference in elevation between pavements, the Optional Wedge Treatment shall be provided.*
8. *Pavement Repairs (or similar work):*
  - a.) *Lengths greater than 60' - utilize appropriate treatment from Condition I.*
  - b.) *Lengths of 60' or less - repairs shall be effected in accordance with C&MS 255.08. Drums may be used as a separator adjacent to the traveled lane.*
9. *When drums are specified for a drop-off condition, a minimum number of 4 drums shall be used. Spacing shall be as indicated in the plans or as specified in the OMUTCD. Provisions shall be made to stabilize the drums (cones) to prevent them from blowing over.*
10. *When UNEVEN LANES (W8-11) signs or LOW SHOULDER (W8-9) signs are required, they shall be placed 750' in advance of the condition on all intersecting entrance ramps within the limits of the condition. When the drop-off condition extends more than 0.5 miles, additional signs should be erected at intervals of 1.0 mile or less.*
11. *Cones may be substituted for drums as follows:*
  - a.) *Cones used for daytime traffic control shall have a minimum height of 28".*
  - b.) *Cones used for nighttime traffic control shall have a minimum height of 42".*
  - c.) *Cones used at night shall be reflectorized.*
  - d.) *Use of cones at night shall be prohibited along tapers.*
  - e.) *Intermixing of drums and cones within the same run of barrier protection shall not be permitted.*
12. *Where drums are used and their presence would reduce traveled lane widths to less than 10', drums may be placed on the opposite level from that of traffic, provided the drop-off depth does not exceed 5" and approval is granted by the Project Engineer.*
13. *Portable barrier shall be placed on the same level as the traffic surface and shall not encroach on width(s) designated as the minimum required for traffic use. Offset from the travel way to the barrier toe shall be a minimum of 2'. Offset from the back side of the barrier toe to the work area shall be a minimum of 2' unless otherwise specified in the plans due to anchoring.*



**GENERAL LANDSCAPE NOTES**

- ALL DISTURBED AREAS THAT ARE NOT TO BE PAVED OR MULCHED IN THE R.O.W. SHALL BE GRADED TO MATCH EXISTING CONDITIONS, AND SEEDED PER SHEET L-112.
- ALL EXISTING AND PROPOSED LANDSCAPE AREAS NOT TO BE MULCHED SHALL BE SODDED PER SHEET L-112.

**LEGEND**



**LANDSCAPE CALCULATIONS**

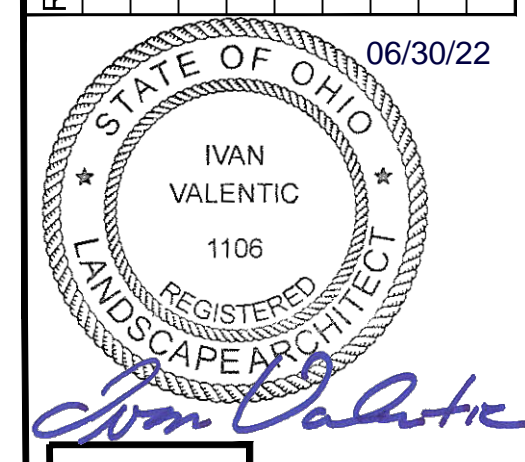
**700.06 PARKING LOT LANDSCAPING**  
 ONE (1) DECIDUOUS TREE SHALL BE PROVIDED FOR EVERY TEN (10) PARKING SPACES  
 PROPOSED PARKING SPACES: 42  
 REQUIRED TREES: 4.2 = 5  
 PROPOSED TREES: 5

**NEW CONCORD DESIGN GUIDELINES**

**FRIENDSHIP DRIVE STREET TREES**  
 ONE (1) LARGE SHADE TREE PER 40 LF  
 650 LF  
 REQUIRED TREES: 650/40 = 16 TREES  
 PROPOSED: 16 TREES

**VEHICULAR USE PERIMETER TREES**  
 ONE (1) LARGE SHADE TREE PER 40LF PER VEHICULAR USE AREA PERIMETER  
 PROPOSED: 25 TREES SURROUNDING PARKING AREAS, SPACED AT 40' ON CENTER  
 (APPROVED SPECIES TREES ARE PLACED WITHIN THE AEP TRANSMISSION LINE EASEMENT ALONG NORTHWEST CORNER OF SITE)

REV.	DATE	DESCRIPTION
07/28/21		



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

**LANDSCAPE PLAN**

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER
JL	JRA

JOB NO.  
**2020117.13**

**L-101**



**PLANT LIST**

Symbol	Botanical Name	Common Name	Quantity	Size	Condition	Remarks
<b>TREES</b>						
Ar	Acer rubrum 'October Glory'	October Glory Red Maple	7	2.5" Cal.	B&B	Per Plan
Gb	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo	5	2.5" Cal.	B&B	Per Plan
Gt	Gleditsia triacanthos f. inermis 'Street Keeper'	Street Keeper Honeylocust	16	2.5" Cal.	B&B	Per Plan
Lt	Liriodendron tulipifera 'Emerald City'	Emerald City Tulip Poplar	6	2" Cal.	B&B	Per Plan
Sr	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	17	2" Cal.	B&B	Per Plan
Um	Ulmus 'Morton' Accolade™	Accolade™ Elm	13	2" Cal.	B&B	Per Plan
<b>SHRUBS/PERENNIALS</b>						
Bx	Buxus x 'Green Gem'	Green Gem Boxwood	17	24" Ht.	B&B	3' o/c
Hb	Hemerocallis 'Going Bananas'	Going Bananas Daylily	59	No. 1	Cont.	Per Plan
Ig	Ilex glabra 'Shamrock'	Shamrock Inkberry Holly	49	24" Ht., No. 5	Cont.	4' o/c
Ra	Rhus aromatica 'Gro-low'	Grow-Low Sumac	34	24" Spread, No. 3	Cont.	Per Plan





LANDSCAPE NOTES & PLANTING SPECIFICATIONS

SCOPE OF WORK

- THIS WORK SHALL CONSIST OF PERFORMING CLEARING AND GRUBBING, SOIL PREPARATION, FINISH GRADING, PLANTING AND DRAINAGE, INCLUDING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT.
- QUANTITY TAKEOFF IS SUPPLIED FOR CONTRACTOR'S ASSISTANCE ONLY. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL PLANT MATERIALS AS PER PLAN.
- NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR WITHIN EASEMENT OR RIGHT-OF-WAY LIMITS.

PRESERVATION/PROTECTION (IF APPLICABLE)

- CONTRACTOR SHALL MAINTAIN AND PRESERVE TREES AND SHRUBS NOT BEING REMOVED, INCLUDING THEIR ROOTS. TREE PROTECTION FENCING SHALL BE USED AT THE DRIP LINE OF ALL TREES AND SHRUBS WITHIN 50 FEET OF CONSTRUCTION EXCEPT AS SHOWN ON PLAN. FENCING SHALL REMAIN IN PLACE UNTIL FINAL PLANT INSPECTION FOLLOWING CONSTRUCTION. MATERIALS SHALL NOT BE STOCKPILED WITHIN THIS DEFINED AREA AND VEHICLES AND OTHER EQUIPMENT SHALL BE OPERATED TO AVOID SOIL COMPACTION.
- FEEDER ROOTS SHOULD NOT BE CUT IN AN AREA EQUAL TO TWICE THE TREE CIRCUMFERENCE (MEASURED 6" ABOVE THE GROUND LINE IN INCHES) EXPRESSED IN FEET. (EXAMPLE: A CIRCUMFERENCE OF 10" WOULD HAVE A NO CUT ZONE OF 20 FEET IN ALL DIRECTIONS FROM THE TREE). THIS SHOULD APPLY TO UTILITY SERVICES, IF FEASIBLE. THE ONLY EXCEPTION TO THIS REQUIREMENT WILL BE THOSE SPECIFICALLY ALLOWED BY THE LANDSCAPE ARCHITECT, SPECIFICATIONS OR AS INDICATION ON THE PLANS.
- TREE TRUNKS AND EXPOSED ROOTS DAMAGED DURING EQUIPMENT OPERATIONS SHALL BE TREATED IN ACCORDANCE WITH THE ARBOR CULTURAL STANDARDS OF THE CITY.

PLANT MATERIALS

- GENERAL - ALL MATERIALS SHALL BE OF ITS KIND AVAILABLE AND SHALL HAVE BEEN GROWN IN A CLIMATE SIMILAR TO THAT ON SITE.
- PLANTS - ALL PLANTS SHALL BE HEALTHY, OF NORMAL GROWTH, WELL ROOTED, FREE FROM DISEASE AND INSECTS. QUALITY AND SIZE OF PLANT MATERIAL SHALL CONFORM TO ANSI Z60.1 "AMERICAN STANDARDS FOR NURSERY STOCK".
- VARIETIES AND SIZES OF PLANTS SHALL BE AS SHOWN ON DRAWINGS.
- PLANTS SHALL BE IN A HEALTHY, VIGOROUS CONDITION, FREE OF DEAD OR BROKEN BRANCHES, SCARS THAT ARE NOT COMPLETELY HEALED, FROST CRACKS, DISFIGURING KNOTS, BROKEN OR ABRADED BARK, REDUNDANT LEADERS OR BRANCHES, OR ABERRATIONS OF ANY KIND. PLANTS SHALL NOT HAVE MULTIPLE LEADERS, UNLESS THIS IS THE NATURAL FORM.
- BALLED AND BURLAPPED (BAB) PLANTS SHALL BE DUG WITH A FIRM ROOT BALL OF NATURAL EARTH, OF A SIZE IN PROPORTION TO THE PLANTS SIZE, AS MEASURED BY CALIPER, HEIGHT, OR SPREAD. BALLED AND BURLAPPED PLANTS SHALL BE HANDLED ONLY BY THE ROOT BALL, NOT BY THE TRUNK OR BRANCHES. AS THIS MAY BREAK OR LOOSEN THE ROOT BALL AND DAMAGE THE ROOT SYSTEM. CONTAINER PLANTS SHALL HAVE BEEN ESTABLISHED FOR A MINIMUM OF ONE FULL GROWING SEASON IN THEIR CONTAINERS BEFORE INSTALLATION. CONTAINER PLANTS SHALL BE HANDLED ONLY BY THE CONTAINER, NOT BY THE STEMS OR BRANCHES. AS THIS MAY PULL THE PLANT OUT OF THE CONTAINER AND BREAK OR LOOSEN THE ROOT BALL AND DAMAGE THE ROOT SYSTEM. BARE-ROOT SHRUBS AND GROUND COVER PLANTS ARE ACCEPTABLE, IF THEY ARE DUG AND INSTALLED AT THE APPROPRIATE SEASON AND HANDLED IN THE APPROPRIATE MANNER.
- PLANTS SHALL BE PROTECTED FROM DRYING OUT DURING SHIPPING WITH TARPULINS OR OTHER COVERINGS. PLANTS SHALL BE PROTECTED FROM DRYING OUT AFTER DELIVERY BY PLANTING IMMEDIATELY. IF THIS IS NOT POSSIBLE, THE ROOT BALL SHALL BE COVERED WITH PEAT MOSS OR EARTH, AND WATERED FREQUENTLY TO KEEP IT MOIST UNTIL PLANTING.
- DO NOT HANDLE, MOVE, BIND, TIE OR OTHERWISE TREAT PLANTS SO AS TO DAMAGE THE ROOT BALL, ROOTS, TRUNK, OR BRANCHES IN ANY WAY.

TOPSOIL

- TOPSOIL HAS BEEN (OR WILL BE) STOCKPILED FOR REUSE IN LANDSCAPE WORK. IF QUANTITY OF STOCKPILED TOPSOIL IS INSUFFICIENT, PROVIDE ADDITIONAL TOPSOIL AS REQUIRED TO COMPLETE LANDSCAPE WORK. IMPORTED TOPSOIL SHALL CONSIST OF LOOSE, FRIABLE, LOAMY TOPSOIL WITHOUT ADMIXTURE OF SUBSOIL OR REFUSE. ACCEPTABLE TOPSOIL SHALL CONTAIN NOT LESS THAN 3 PERCENT NOR MORE THAN 20 PERCENT ORGANIC MATTER.
- PLANTING BACKFILL FOR PARKING LOT ISLANDS SHALL CONSIST OF A HOMOGENEOUS MIXTURE OF 3 PARTS TOPSOIL TO ONE PART SPHAGNUM PEAT INSTALLED OVER A 6" THICKNESS OF NO. 57 AGGREGATE.

PLANTING SOIL

- PLANTING SOIL MIX SHALL BE CLEAR OF ALL STONES AND DEBRIS 1" OR LARGER, AND CONSIST OF THE FOLLOWING: 25% ORGANIC COMPOST, 75% ACCEPTABLE TOPSOIL.

SOIL CONDITIONING

- OBTAIN LABORATORY ANALYSIS OF STOCKPILED AND IMPORTED TOPSOIL COMPLETE WITH RECOMMENDATIONS FOR SOIL AMENDMENT.
- BEFORE MIXING, CLEAN TOPSOIL OF ROOTS, PLANTS, SOIL, STONES, CLAY LUMPS, AND OTHER EXTRANEOUS MATERIALS HARMFUL OR TOXIC TO PLANT GROWTH.
- MIX SPECIFIED SOIL AMENDMENTS AND FERTILIZERS WITH TOPSOIL AT RATES SPECIFIED BY THE LAB REPORT. DELAY MIXING OF FERTILIZER IF PLANTING WILL NOT FOLLOW PLACING OF PLANTING SOIL WITHIN A FEW DAYS.
- FOR PLANTING BEDS AND LAWNS, MIX PLANTING SOIL EITHER PRIOR TO PLANTING OR APPLY ON SURFACE OF TOPSOIL AND MIX THOROUGHLY BEFORE PLANTING. MIX LINE WITH DRY SOIL PRIOR TO MIXING OF FERTILIZER.
- PREVENT LIME FROM CONTACTING ROOTS OF ACID-LOVING PLANTS.
- APPLY PHOSPHORIC ACID FERTILIZER (OTHER THAN THAT CONSTITUTING A PORTION OF COMPLETE FERTILIZERS) DIRECTLY TO SUBGRADE BEFORE APPLYING PLANTING SOIL AND TILLING.

OTHER MATERIALS

- BED EDGING, TRENCH AROUND LANDSCAPE BEDS TO CREATE SHARP, 45 DEGREE EDGE, TYPICAL AT ALL PLANTING BED EDGES WHERE THEY MEET LAWNS.
- MULCH: DOUBLE SHREDDED HARDWOOD MULCH, MINIMUM 2" IN THICKNESS, DYED BROWN IN COLOR.
- WEED BARRIER: POLYETHYLENE FILTER FABRIC, DEWITT 15 YEAR BARRIER OR APPROVED EQUAL, TO BE INSTALLED IN ALL PLANTING BEDS AND AT EACH TREE RING.
- CONTRACTOR SHALL SUBMIT SAMPLES TO ENGINEER FOR APPROVAL PRIOR TO PLACEMENT.

GENERAL WORK PROCEDURES

- LANDSCAPE WORK SHALL BE ACCORDING TO THE WORKMANLIKE STANDARDS ESTABLISHED FOR LANDSCAPE CONSTRUCTION AND PLANTING IN THE OHIO STANDARDIZED LANDSCAPE SPECIFICATIONS (ASLA) AND ANY LOCAL LANDSCAPE ORDINANCES.
- CONTRACTOR SHALL OBTAIN A COPY OF LOCAL ORDINANCES REGARDING ACCEPTABLE PLANT AND PLANTING DETAILS AND ABIDE BY THOSE ORDINANCES AND DETAILS.
- ENGINEER RESERVES THE RIGHT TO REJECT ALL PLANT MATERIAL DEEMED NOT ACCEPTABLE.
- ANY PROPOSED PLANT SUBSTITUTIONS SHALL BE EQUIVALENT IN FORM, HABIT, STRUCTURE, BRANCHING AND LEAF TYPE AND MUST BE ISSUED TO THE LANDSCAPE ARCHITECT FOR APPROVAL, IN WRITING, PRIOR TO INSTALLATION.

WEEDING

- BEFORE AND DURING PRELIMINARY GRADING AND FINISH GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.

PLANTING SCHEDULE

- POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE OWNER BEFORE EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
- PLANTING PITS SHALL BE AS PER DETAILS.
- PREPARED SOIL SHALL BE TAMPED FIRMLY AT BOTTOM OF PIT. FILL PREPARED SOIL AROUND BALL OF PLANT. COMPLETE BACKFILLING AND WATER THOROUGHLY.
- PREPARE RAISED EARTH BASIN AS WIDE AS PLANTING HOLE OF EACH PLANT.
- WATER IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED.
- INSTALL BED EDGING, WEED BARRIER, AND MULCH PER MATERIALS SPECIFICATION AND DETAILS.
- REMOVE ALL SALES TAGS, STRINGS, STRAPS, WIRE, ROPE OR OTHER MATERIALS THAT MAY INHIBIT PLANT GROWTH BOTH ABOVE AND BELOW THE SURFACE OF THE SOIL.
- REMOVE ANY BROKEN, SUCKERING, DISEASED, CRISSCROSSED OR AESTHETICALLY DISPLEASING BRANCHES BACK TO LIVE LEADER OR SIDE LATERAL WITH A FLUSH CUT.

FINISH GRADING

- ALL AREAS WILL BE GRADED BY THE CONTRACTOR TO SUBSTANTIALLY PLUSMINUS 0.1 FOOT OF FINISH GRADE.
- ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN, UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE. SOIL AREAS ADJACENT TO THE BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS.
- ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER.
- PARKING LOT ISLAND SHALL BE BACKFILLED AS PART OF THIS CONTRACT.

GUARANTEE

- CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF PROJECT ACCEPTANCE BY THE OWNER.

CLEANUP

- UPON THE COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. AN ACCEPTABLE CONDITION SHALL BE AS DEFINED AND APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

MAINTENANCE

(MAINTENANCE PERIOD TO COMMENCE AFTER FINAL INSPECTION.)

- MAINTENANCE PERIOD FOR THIS CONTRACT SHALL BE 90 CALENDAR DAYS COMMENCING AFTER FINAL INSPECTION OF CONSTRUCTION.
- MAINTAIN TREES, SHRUBS AND OTHER PLANTS BY PRUNING, CULTIVATING AND WEEDING AS REQUIRED FOR HEALTHY GROWTH. RESTORE PLANTING SAUCERS, RESET TREES AND SHRUBS TO PROPER GRADES OR VERTICAL POSITION AS REQUIRED.
- MAINTAIN LAWNS BY WATERING, MOWING, TRIMMING, AND OTHER OPERATIONS SUCH AS ROLLING, REGRADING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.
- MAINTAIN THE LANDSCAPING BY KEEPING ALL PLANTS DISEASE-FREE AND PLANTING BEDS GROOMED, EXCEPT IN NATURALLY OCCURRING VEGETATION AREAS.
- REPLACE ANY REQUIRED PLANTINGS, WHICH SEVERELY DECLINE OR DIE AFTER THE DATE OF PLANTING. SUCH REPLACEMENT SHALL OCCUR DURING THE NEXT APPROPRIATE PLANTING SEASON.
- MULCH SHALL BE KEPT AWAY FROM THE STEMS OF TREES AND SHRUBS (PER THE DETAIL ON SHEET C-50). MULCH THICKNESS SHALL NOT EXCEED 4".

SEEDING

- GRASS SEED SHALL BE FRESH, CLEAN, DRY, NEW-CROP SEED COMPLYING WITH THE ASSOCIATION OF OFFICIAL SEED ANALYSTS "RULES FOR TESTING SEEDS" FOR PURITY AND GERMINATION TOLERANCES.
- ALL AREAS TO BE SEEDED SHALL RECEIVE NO LESS THAN 5 - 8 POUNDS OF SEED PER ONE THOUSAND SQUARE FEET. APPLY SEED AND PROTECT WITH STRAW MULCH AS REQUIRED FOR NEW LAWNS. GRASS SEED MIX SHALL CONSIST OF THE FOLLOWING:

PROPORTION	NAME	MIN. % GERM. SEED	MIN. % PURE SEED	MAX. % WEED SEED
70%	TALL FESCUE (FESTUCA ARUNDINACEA)	80	85	0.50
20%	KENTUCKY BLUEGRASS (POA PRATENSIS)	85	98	0.50
10%	PERENNIAL RYE GRASS (LOLIUM PERENNE)	90	98	0.50

- ALL AREAS TO BE SEEDED SHALL BE OVERSEEDED AT A RATE OF 3.5 - 4 POUNDS PER ONE THOUSAND SQUARE FEET OF ANNUAL RYEGRASS (LOLIUM MULTIFLORUM).

SODDING

- SOD SHALL BE FIRST GRADE CERTIFIED BLENDS OF THE FOLLOWING SPECIES PER HARDINESS ZONE CONTAINING NOT MORE THAN 30 PERCENT OF OTHER GRASSES AND CLOVERS, AND FREE FROM ALL NOXIOUS WEEDS.  
  
ZONES 3, 4 & 5: APPROVED BLUE GRASS BLEND  
ZONE 6: APPROVED FESCUE BLEND  
ZONES 7 & 8: APPROVED BERBERIDA BLEND  
ZONES 9 & 10: APPROVED ST AUGUSTINE FLORATAM BLEND
- SOD SHALL BE RECENTLY MOWED TO A HEIGHT OF NOT LESS THAN 3 INCHES. IT SHALL BE CUT INTO STRIPS OF NOT LESS THAN 3 FEET AND NOT OVER 6 FT, WITH A UNIFORM WIDTH OF NOT OVER 24 INCHES.
- SOD SHALL BE CUT TO A DEPTH EQUAL TO THE GROWTH OF THE FIBROUS ROOTS BUT IN NO CASE LESS THAN 1 INCH.
- SOD SHALL BE DELIVERED TO THE JOB WITHIN 24 HOURS AFTER BEING CUT AND SHALL BE INSTALLED WITHIN 48 HOURS AFTER BEING CUT.
- BEFORE SOD IS PLACED, THE SOD BED WILL HAVE BEEN EXCAVATED TO SUCH A DEPTH THAT WHEN THE SOD IS IN PLACE THE TOP OF THE SOD WILL BE FLUSH WITH THE SURROUNDING GRADE.
- NO SOD SHALL BE PLACED WHEN THE TEMPERATURE IS BELOW 32 DEGREES F. NO FROZEN SOD SHALL BE PLACED NOR SHALL ANY SOD BE PLACED ON FROZEN SOIL. WHEN SOD IS PLACED BETWEEN THE DATES OF JUNE 1ST AND OCTOBER 15TH, IT SHALL BE COVERED IMMEDIATELY WITH A STRAW MULCH 1 INCH THICK (LOOSE MEASUREMENT).
- AFTER LAYING, THE SOD SHALL BE WATERED THOROUGHLY AND TAMPED WITH APPROVED SOD TAMPERS SUFFICIENTLY TO BRING THE SOD INTO CLOSE CONTACT WITH THE SOD BED AND INSURE TIGHT JOINTS BETWEEN THE SECTIONS OR STRIPS.
- THE CONTRACTOR SHALL KEEP ALL SODDED AREAS INCLUDING SUBGRADE, THOROUGHLY MOIST FOR 30 DAYS AFTER SODDING.
- THE CONTRACTOR SHALL REPAIR ANY AREAS DAMAGED FOLLOWING INSTALLATION AS DIRECTED BY THE ENGINEER. SOD SHALL BE IN PLACE AT LEAST 30 DAYS BEFORE FINAL ACCEPTANCE.

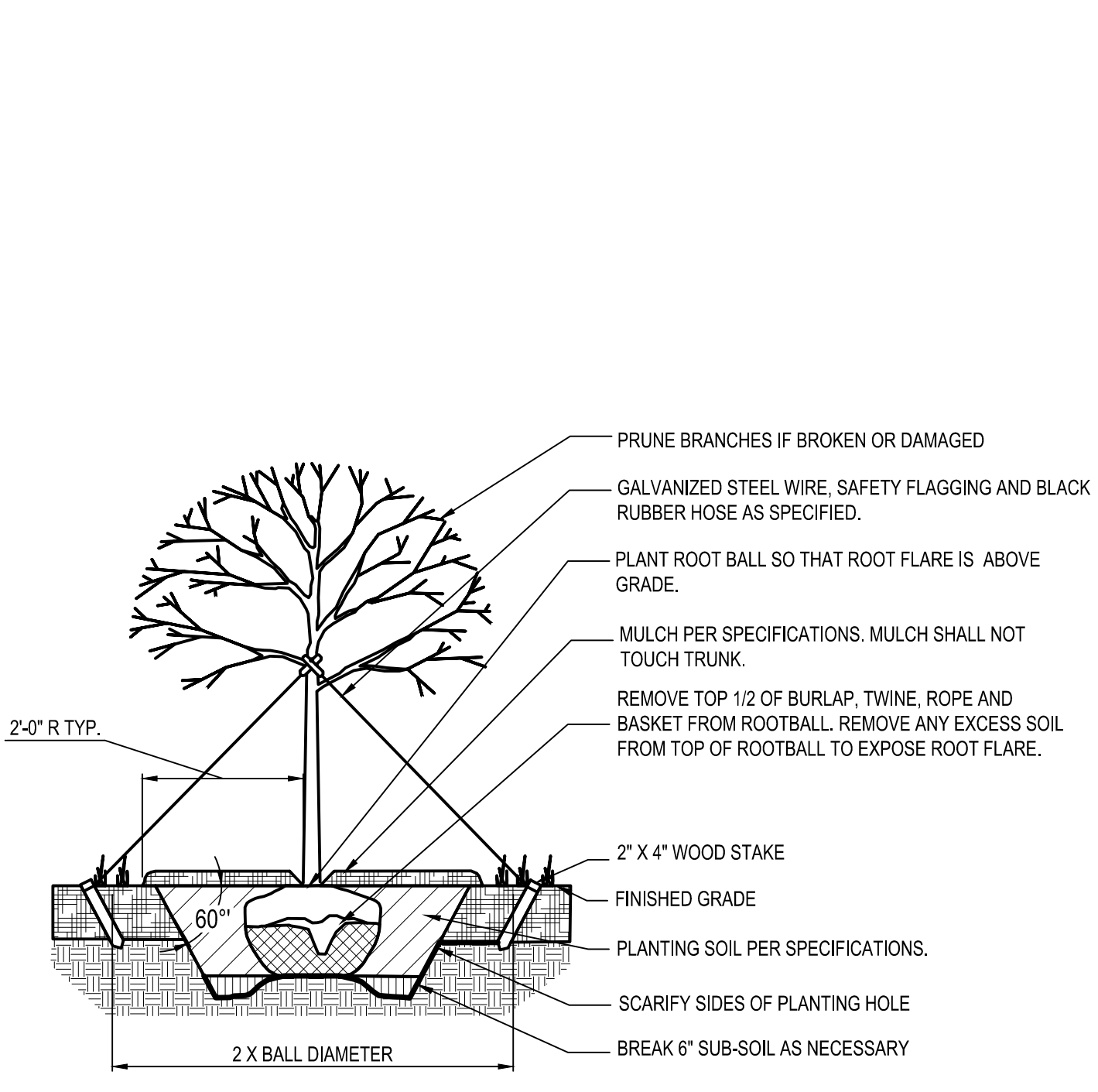
PLANTING SCHEDULE

- ALL PLANTING IS RECOMMENDED TO BE DONE WITHIN THE FOLLOWING DATES. WHEN PLANTING OUTSIDE THESE DATES, WRITTEN DOCUMENTATION SHALL BE PROVIDED THAT SURVIVAL OR REPLACEMENT WILL BE ENSURED. NO PLANTING SHALL BE DONE IN FROZEN SOIL.

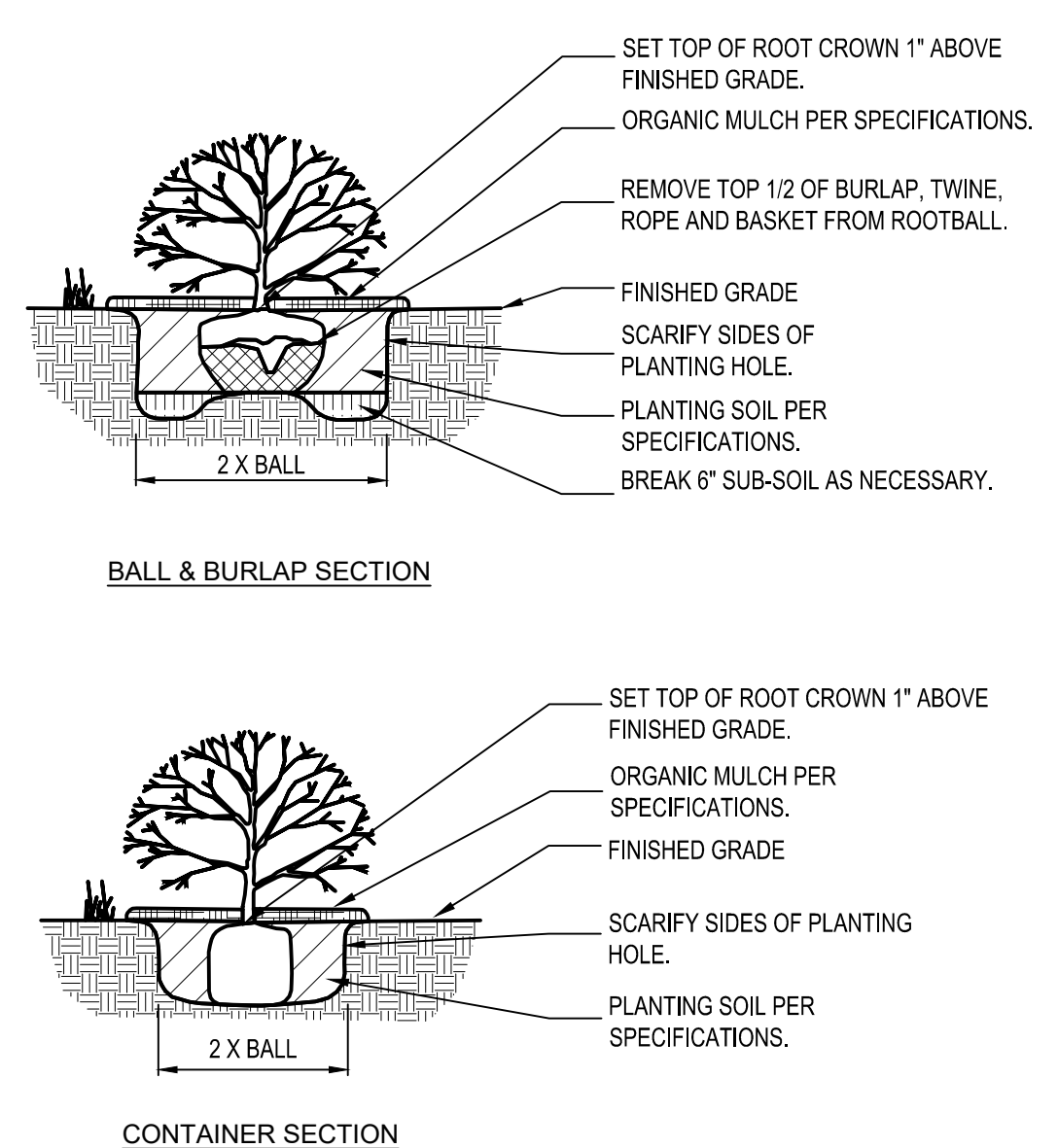
NORMAL PLANTING SEASONS	SPRING	FALL
ALL TREES AND SHRUBS	MARCH 15-MAY 15	OCTOBER 1-DECEMBER 1
EVERGREENS	APRIL 1-MAY 15	OCTOBER 1-NOVEMBER 15
GROUNDCOVERS	APRIL 1-JUNE 1	WHEN SOD IS WORKABLE
SEED AND MULCH	APRIL 1-MAY 15	OCTOBER 1-NOVEMBER 15

GENERAL NOTE

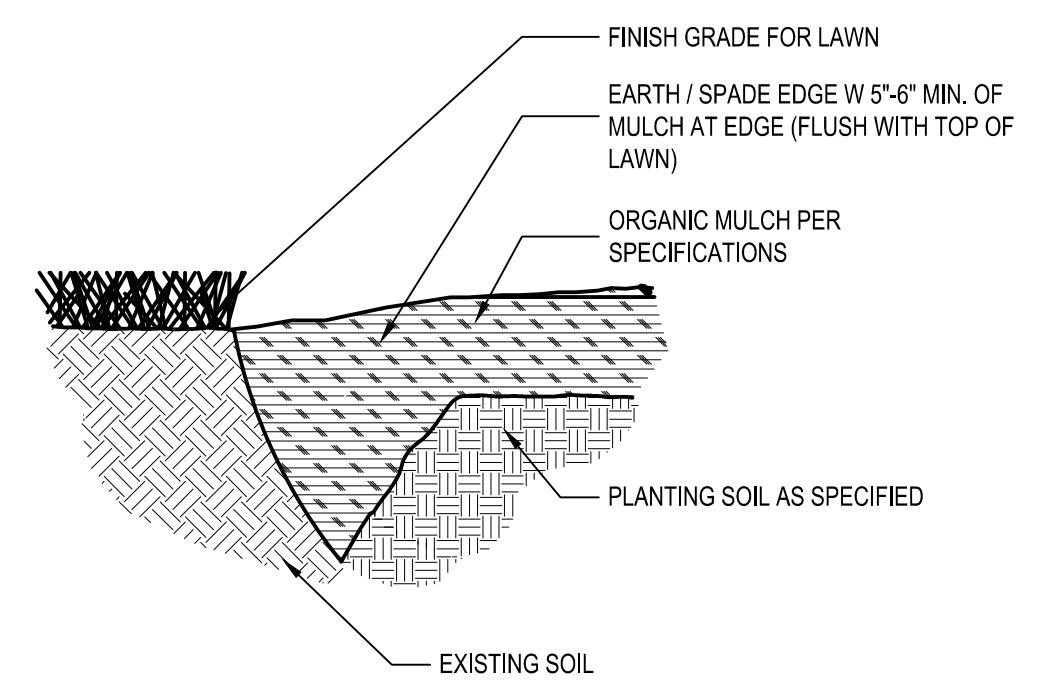
- ALL AREAS DISTURBED BY CONSTRUCTION THAT ARE WITHIN THE RIGHT-OF-WAY SHALL BE FINE GRADED TO MAINTAIN POSITIVE DRAINAGE. HAVE A 4" LAYER OF TOPSOIL APPLIED AND BE SEEDED ACCORDING TO SPECIFICATIONS ON THIS SHEET.



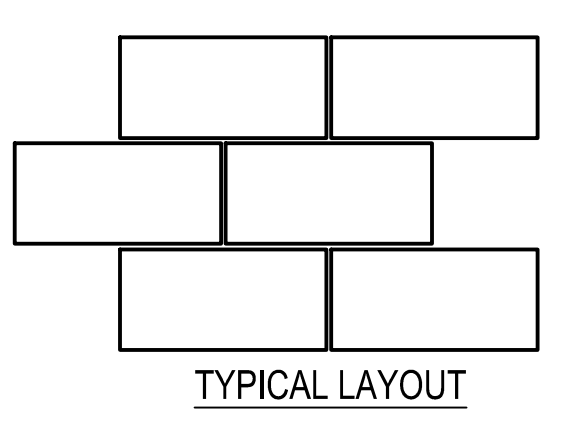
A1 SHADE TREE PLANTING DETAIL  
N.T.S.



A2 SHRUB PLANTING DETAIL  
N.T.S.



A3 EARTH SPADE EDGE DETAIL  
N.T.S.

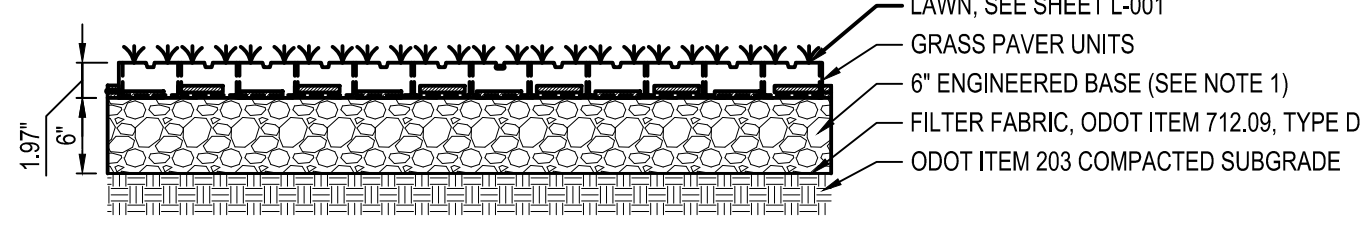


BASE OF DESIGN FOR THE GRASS PAVER UNITS SHALL BE BASED ON THE SPECIFICATION BELOW. APPROVED MANUFACTURER'S ARE:

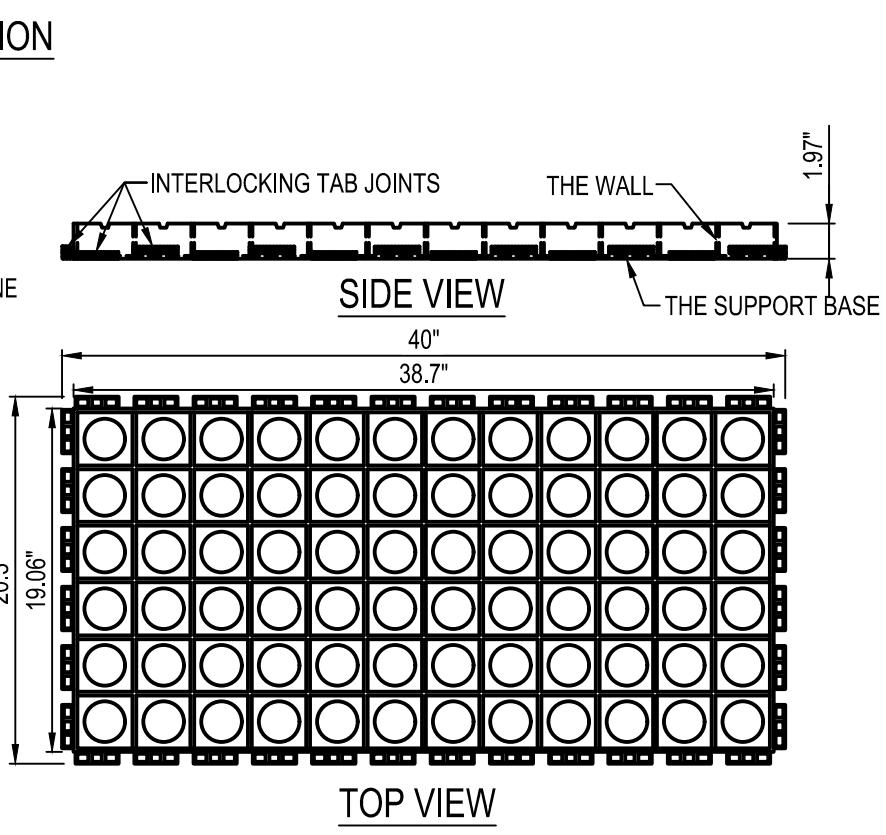
- NDS
- TRUE GRID
- PRESTO

**MATERIAL SPECIFICATIONS**

MATERIAL COLOR: CHEMICAL RESISTANCE CARBON BLACK FOR ULTRAVIOLET LIGHT STABILIZATION UNIT MINIMUM CRUSH STRENGTH @ 21° C (73 F) 240,000 PSI (16,800 PSF) MATERIAL FLEXURAL MODULUS @ 21° C (73 F) 0.50 M X 1.00 M (1.64 FT X 3.28 FT) UNIT DEPTH 50 MM (1.97 IN) NOMINAL COVERAGE AREA CELLS PER UNIT 72 79 MM X 81 MM (3.1 IN X 3.2 IN) CELL SIZE TOP OPEN AREA PER UNIT 87% BOTTOM AREA PER UNIT 40% INTERLOCKING OFFSET SHEAR TRANSFER TABS WEIGHT PER UNIT 4.54 KG (10.0 LBS) RUNOFF COEFFICIENT @ 63.5 MMHR (2.5 IN) RAINFALL 1.5% UNITS PER PALLET 44



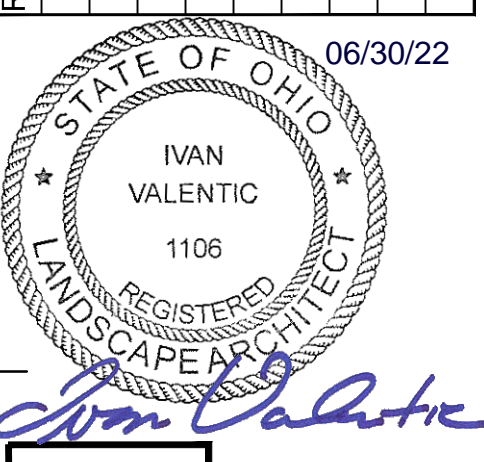
NOTE:  
1. ENGINEERED BASE IS A MIXTURE CONSISTING OF CRUSHED ODOT #57 WITH PULVERIZED TOPSOIL AND VOID COMPONENT CONTAINING AIR OR WATER. THE AGGREGATE PORTION SHALL HAVE A PARTICLE RANGE FROM 9.5 MM TO 25 MM (0.375 TO 1.0 IN) WITH A D50 OF 13 MM (0.5 IN). THE PERCENTAGE VOID-SPACE OF THE AGGREGATE PORTION WHEN COMPACTED SHALL BE AT LEAST 30% THE PULVERIZED TOPSOIL SHALL EQUAL 25% OF THE TOTAL VOLUME AND BE ADDED AND BLENDED TO THE MIXTURE PRIOR TO COMPACTION. ONCE PLACED THE MIXTURE SHALL BE COMPACTED TO 95% SPD.



A4 GRASS PAVER DETAIL  
N.T.S.



REV.	DATE	DESCRIPTION
07/28/21		



NEW SHEETZ STORE  
SOUTH FRIENDSHIP DR (S.R. 83)  
NEW CONCORD, OH 43762

LANDSCAPE NOTES AND DETAILS

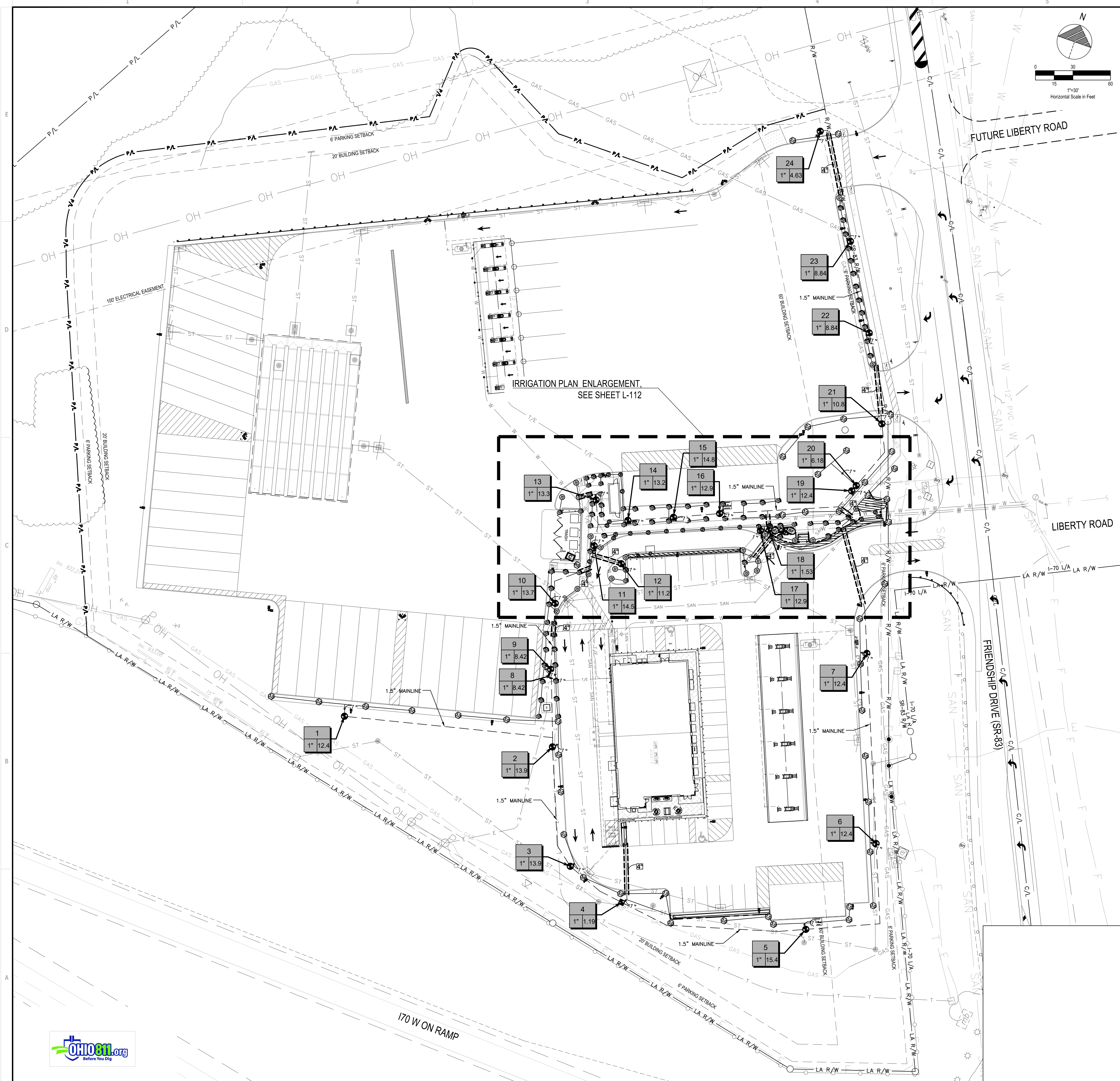
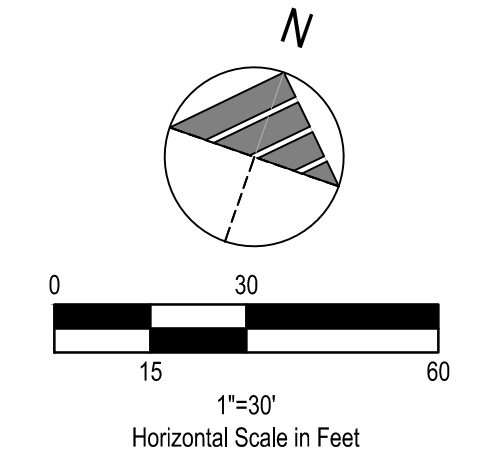
ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER
JL	JRA

JOB NO.  
2020117.13

L-102



**NOTE**  
 GPD GROUP IS NOT RESPONSIBLE FOR IRRIGATION DESIGN. NOTE ON DETAILS. PLEASE CONTACT WC<sup>3</sup> DESIGN FOR ANY QUESTIONS.



**IRRIGATION SCHEDULE**

SYMBOL	MANUFACTURER/MODEL
	Rain Bird 1804 15 Strip Series
	Rain Bird 1804 10 Series MPR
	Rain Bird 1804 12 Series MPR
	Rain Bird 1804 15 Series MPR
	Rain Bird 1804 ADJ
	Rain Bird 5004-PC, FC
	Rain Bird 5004-PC, FC
	Rain Bird XCPGA-100-PRF
	Area to Receive Dripline Rain Bird XFD-06-18 (22)
	Rain Bird PGA Globe
	Rain Bird 5-RC
	Nibco T-113-K
	Rain Bird PGA Globe 1"
	Zurn 375 1"
	Rain Bird ESP8LXME w/ (2) ESPLXMS12 (2)
	Rain Bird RSD-BEX
	Irrigation Lateral Line: PVC Class 200 SDR 21
	Irrigation Mainline: PVC Class 200 SDR 21
	Pipe Sleeve: PVC Schedule 40
	Valve Outlet
	Valve Number
	Valve Flow
	Valve Size

REV. DATE	DESCRIPTION
07/28/21	



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

**IRRIGATION PLAN**

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER
JL	JRA

JOB NO.  
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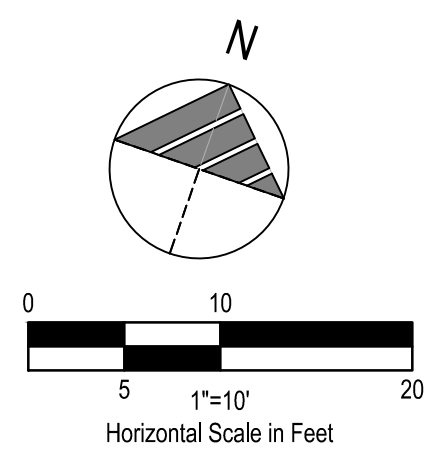
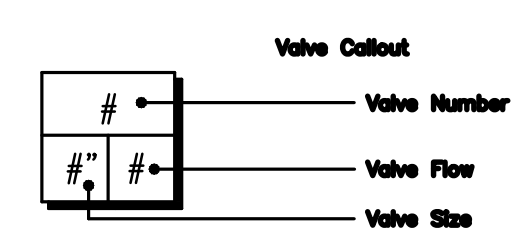
**L-111**





**IRRIGATION SCHEDULE**

SYMBOL	MANUFACTURER/MODEL
	Rain Bird 1804 15 Strip Series
	Rain Bird 1804 10 Series MPR
	Rain Bird 1804 12 Series MPR
	Rain Bird 1804 15 Series MPR
	Rain Bird 1804 ADJ
SYMBOL	MANUFACTURER/MODEL
	Rain Bird 5004-PC, FC
	Rain Bird 5004-PC, FC
SYMBOL	MANUFACTURER/MODEL
	Rain Bird XCZPGA-100-PRF
	Area to Receive Dripline Rain Bird XFD-06-18 (22)
SYMBOL	MANUFACTURER/MODEL
	Rain Bird PGA Globe
	Rain Bird 5-RC
	Nibco T-113-K
	Rain Bird PGA Globe 1"
	Zurn 375 1"
	Rain Bird ESPBLXME w/ (2) ESPLXMSM12 (2)
	Rain Bird RSD-BEx
	Irrigation Lateral Line: PVC Class 200 SDR 21
	Irrigation Mainline: PVC Class 200 SDR 21
	Pipe Sleeve: PVC Schedule 40



**WC<sup>3</sup> DESIGN**  
 Irrigation Design & Consulting  
 www.wc3design.com  
 Tel: (844) 231-7042  
 Columbus, OH • Louisville, KY  
 Pittsburgh, PA

**NOTE**  
 GPD GROUP IS NOT RESPONSIBLE FOR IRRIGATION DESIGN. NOTE ON DETAILS PLEASE CONTACT WCS DESIGN FOR ANY QUESTIONS.

**GPD GROUP**  
 Glovis, Pyle, Schomer, Burns & DeHaven, Inc.  
 530 South Main Street, Suite 2533  
 Akron, OH 44311  
 330.572.2100 Fax 330.572.2103  
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07/28/21		



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

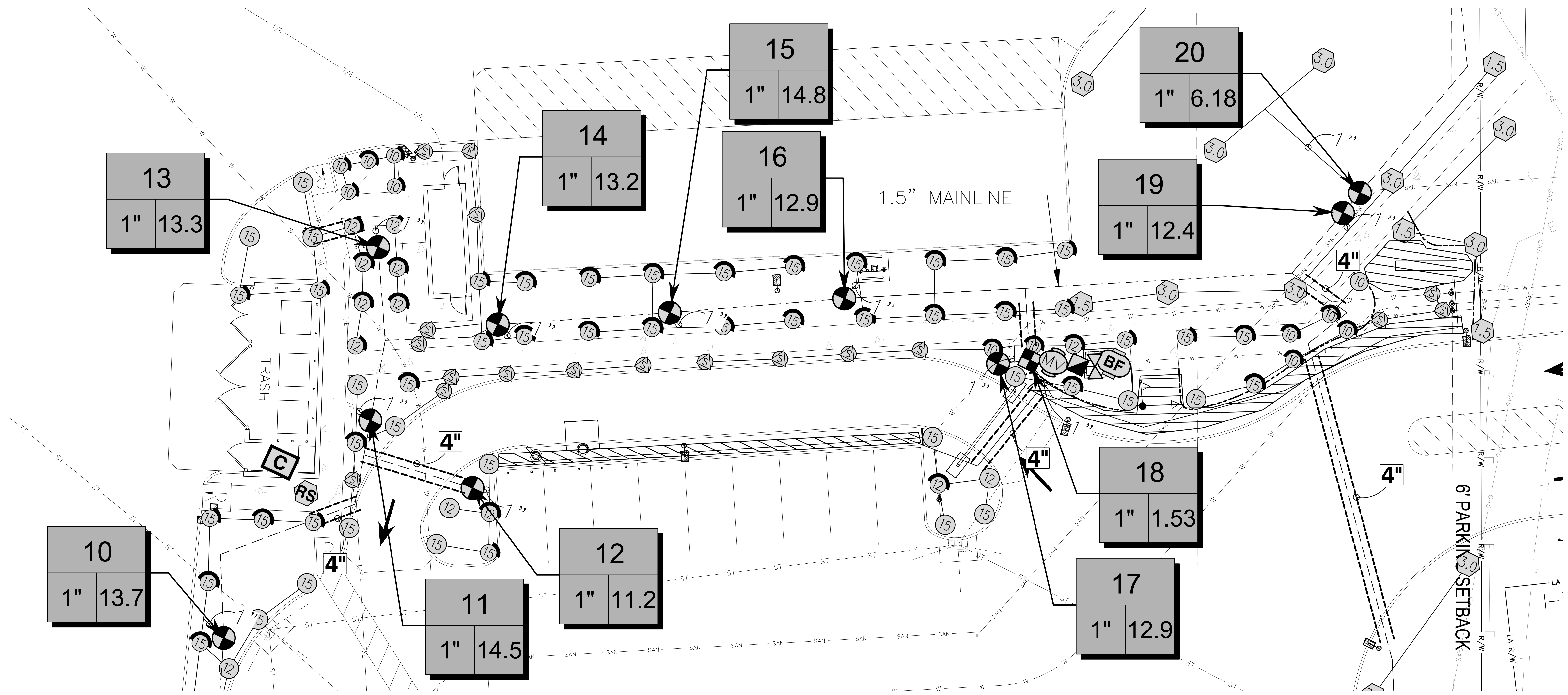
**IRRIGATION PLAN ENLARGEMENT**

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PROJECT MANAGER	DESIGNER
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JOB NO.  
 2020117.13

**L-112**

Drawing Name: O:\2020\2020117.13\_New Concord Ohio\dwg\2020117.13 Landscape CDD.dwg  
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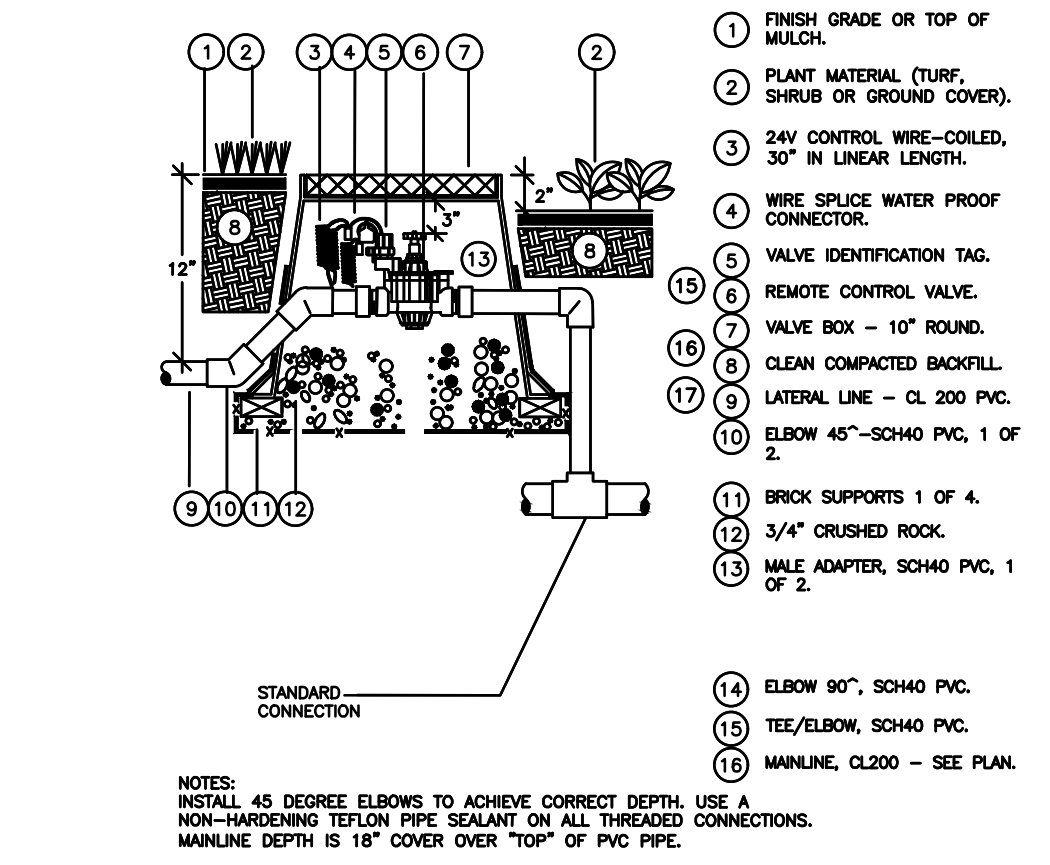


**A1 IRRIGATION PLAN ENLARGEMENT**  
 1" = 10'

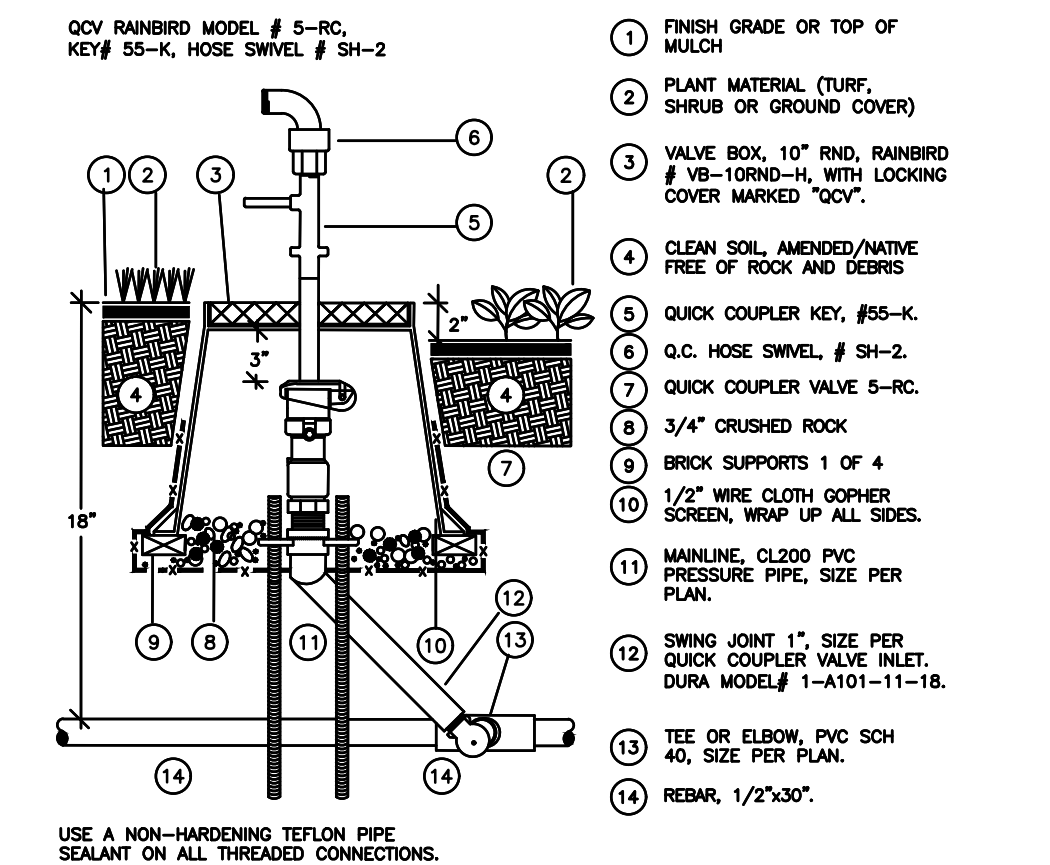


**IRRIGATION NOTES**

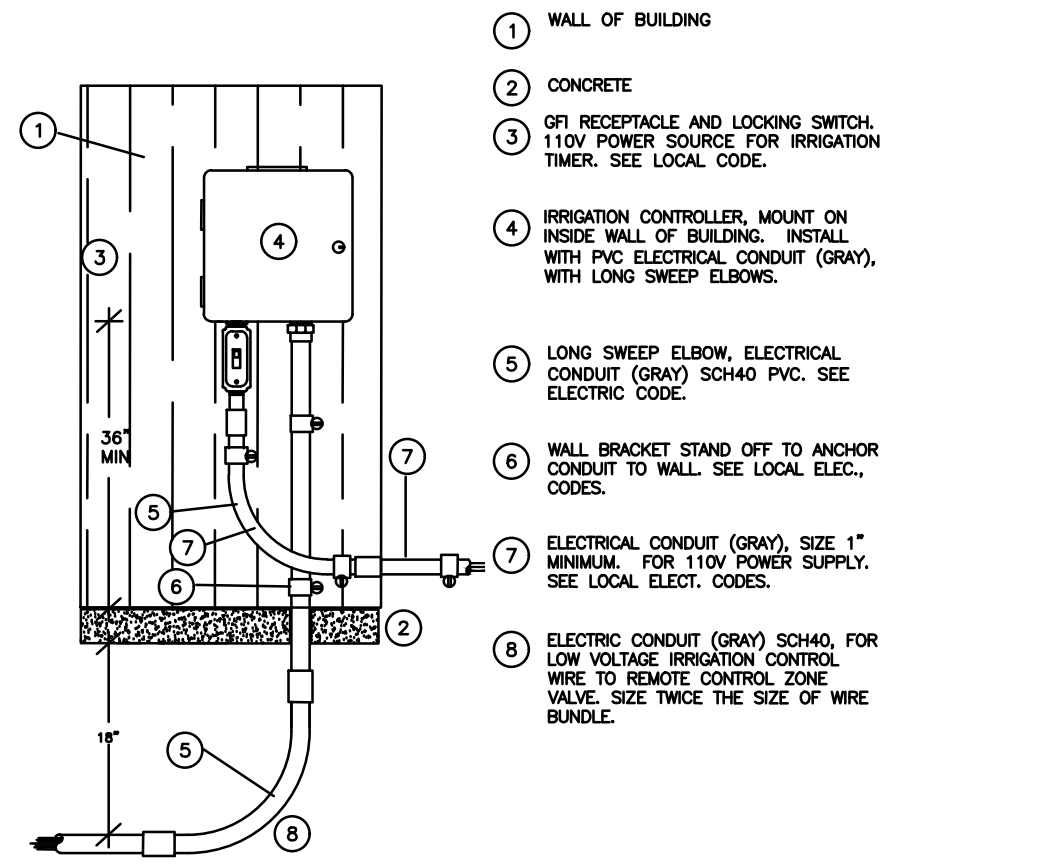
- THESE NOTES ARE PRESENTED AS A "SUMMARY" OF THE WRITTEN SPECIFICATIONS ISSUED FOR THE PROJECT. REFER TO THE WRITTEN SPECIFICATIONS, IF INCLUDED, FOR ADDITIONAL DETAIL AND FULL PROJECT REQUIREMENTS.
1. THE IRRIGATION SYSTEM DESIGN IS BASED ON 70 STATIC PRESSURE (PSI) AND MAXIMUM FLOW OF 26 GALLONS PER MINUTE (GPM). THE IRRIGATION CONTRACTOR SHALL VERIFY THE PRESSURE AND FLOW PRIOR TO COMMENCEMENT OF CONSTRUCTION. REPORT TO THE OWNER OR OWNER'S REPRESENTATIVE ANY DIFFERENCES BETWEEN THE PRESSURE INDICATED AND THE ACTUAL PRESSURE READING AT THE POINT OF CONNECTION.
  2. THE PIPE ROUTING SHOWN IS DIAGRAMMATIC ONLY. ALL PIPING, VALVES, HEADS, ETC SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY. PRESSURE LOSS CALCULATIONS ARE BASED ON THE PIPE ROUTING AS SHOWN. SIGNIFICANT DEVIATIONS FROM THE ROUTING SHOWN SHOULD BE AVOIDED.
  3. DO NOT WILLINGLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DIFFERENCES IN THE DIMENSIONS OF THE CONSTRUCTED AREAS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE IRRIGATION DESIGN OR CHANGES HAVE OCCURRED IN THE SITE PLAN. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE IRRIGATION DESIGNER AND THE GENERAL CONTRACTOR IMMEDIATELY. SHOULD THE IRRIGATION CONTRACTOR PROCEED WITH THE INSTALLATION WITHOUT NOTIFYING THE IRRIGATION DESIGNER AND THE GENERAL CONTRACTOR, THE IRRIGATION CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY AND ALL REVISIONS / RECONSTRUCTION NECESSARY.
  4. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF / HERSELF WITH THE SITE, ALL GRADE DIFFERENCES, LOCATIONS OF WALLS, AND INSTALLED UTILITIES. COORDINATE WORK WITH THE OWNER OR GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES UNDERNEATH PAVEMENT AND THROUGH WALLS.
  5. DUE TO THE SCALE OF THE DRAWING, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, JOINTS, ETC. WHICH MAY BE REQUIRED. THE IRRIGATION CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL OF HIS/HER WORK AND PLAN HIS/HER WORK ACCORDINGLY, FURNISHING SUCH FITTINGS, ETC. AS MAY BE REQUIRED TO MEET SUCH CONDITIONS. ALL WORK SHALL BE INSTALLED IN SUCH A MANNER AS TO AVOID CONFLICTS BETWEEN IRRIGATION SYSTEM COMPONENTS, LANDSCAPE PLANTING, AND ARCHITECTURAL FEATURES.
  6. FLUSH ALL LINES AND HEADS PRIOR TO INSTALLING NOZZLES. ADJUST NOZZLE SPRAY ARC AND RADIUS FOR OPTIMUM PERFORMANCE TO PREVENT OVERSPRAY ONTO PAVED SURFACES OR FACE OF BUILDING AS MUCH AS POSSIBLE TO FIT THE SITE CONDITIONS. THROTTLE FLOW CONTROL AT EACH VALVE FOR OPTIMUM OPERATING PRESSURE FOR EACH ZONE.
  7. ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISHED GRADE OF THE AREA TO BE IRRIGATED UNLESS OTHERWISE NOTED.
  8. WHEN VERTICAL OBSTRUCTIONS (POLES, SIGNS, TREES, HYDRANTS, ETC) INTERFERE WITH THE SPRAY PATTERN OF THE HEADS SO AS TO PREVENT PROPER COVERAGE, THE CONTRACTOR SHALL FIELD ADJUST THE SPRINKLER SYSTEM BY INSTALLING A QUARTER, THIRD, OR HALF CIRCLE HEAD AT THE SIDES OF THE OBSTRUCTION SO AS TO PROVIDE PROPER COVERAGE. ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST.
  9. USE TEFLON TAPE ON ALL MALE PIPE THREADS ON PVC PIPE, SWING JOINTS, AND VALVE ASSEMBLIES.
  10. INSTALL VALVE BOXES 18-INCHES FROM AND PERPENDICULAR TO WALKS, CURBS, BUILDING, OR LANDSCAPE FEATURES. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE INSTALLED A MINIMUM OF 12-INCHES APART.
  11. ALL VALVES SHALL BE PLACED IN VALVE BOXES AS SHOWN IN THE DETAILS AND ALL ELECTRICAL CONNECTIONS SHALL BE SEALED WITH WATERPROOF CONNECTORS.
  12. 120-VOLT ELECTRICAL POWER AT THE CONTROLLER SHALL BE PROVIDED BY OTHERS. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO MAKE THE FINAL HOOK-UP FROM THE POWER PROVIDED TO THE CONTROLLER.
  13. PROVIDE AS-BUILT DRAWINGS WITHIN 21 DAYS UPON COMPLETION OF THE IRRIGATION INSTALLATION.
  14. THERE SHALL BE NO SUBSTITUTIONS OR CHANGES TO THE IRRIGATION DESIGN ALLOWED WITHOUT DIRECT, WRITTEN APPROVAL FROM THE IRRIGATION CONSULTANT OR THE LANDSCAPE ARCHITECT. CONTACT WC3 DESIGN FOR INFORMATION.
  15. ALL SPRINKLERS, VALVES AND VALVE BOXES SHALL BE PLACED 5' AWAY FROM ANY RADIUS OF CURB AS SHOWN IN DETAILS.
  16. IRRIGATION CONTRACTOR SHALL PROVIDE THE FIRST WINTERIZATION BLOW OUT. IN ADDITION, HE SHALL PROVIDE THE SPRINGS TURN ON. ALL NECESSARY HEAD ADJUSTMENTS SHALL BE MADE AT THAT TIME AND REPLACE OR REPAIR ANY WARRANTY ITEMS. THESE ITEMS SHALL BE INCLUDED WITH BID.
  17. SLEEVING BY GENERAL CONTRACTOR.



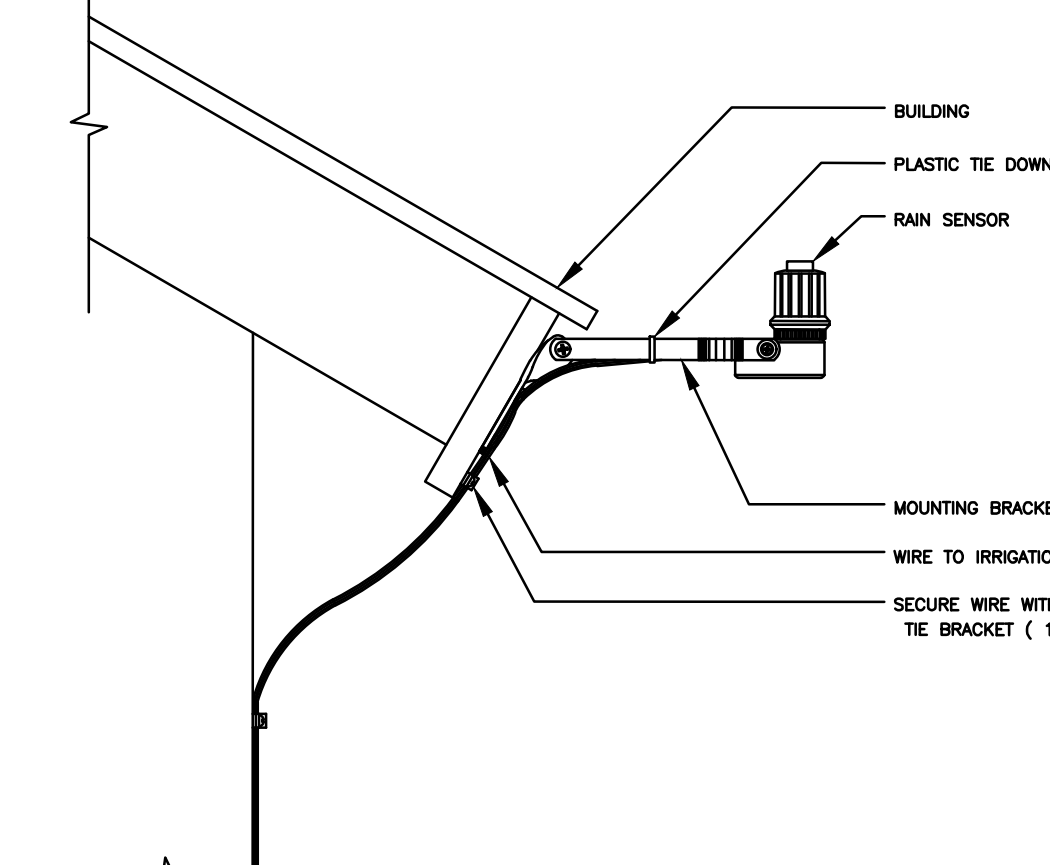
1 RAINBIRD PGA ELECTRIC VALVE  
NTS SECTION



2 RAINBIRD QUICK COUPLER VALVE  
NTS SECTION



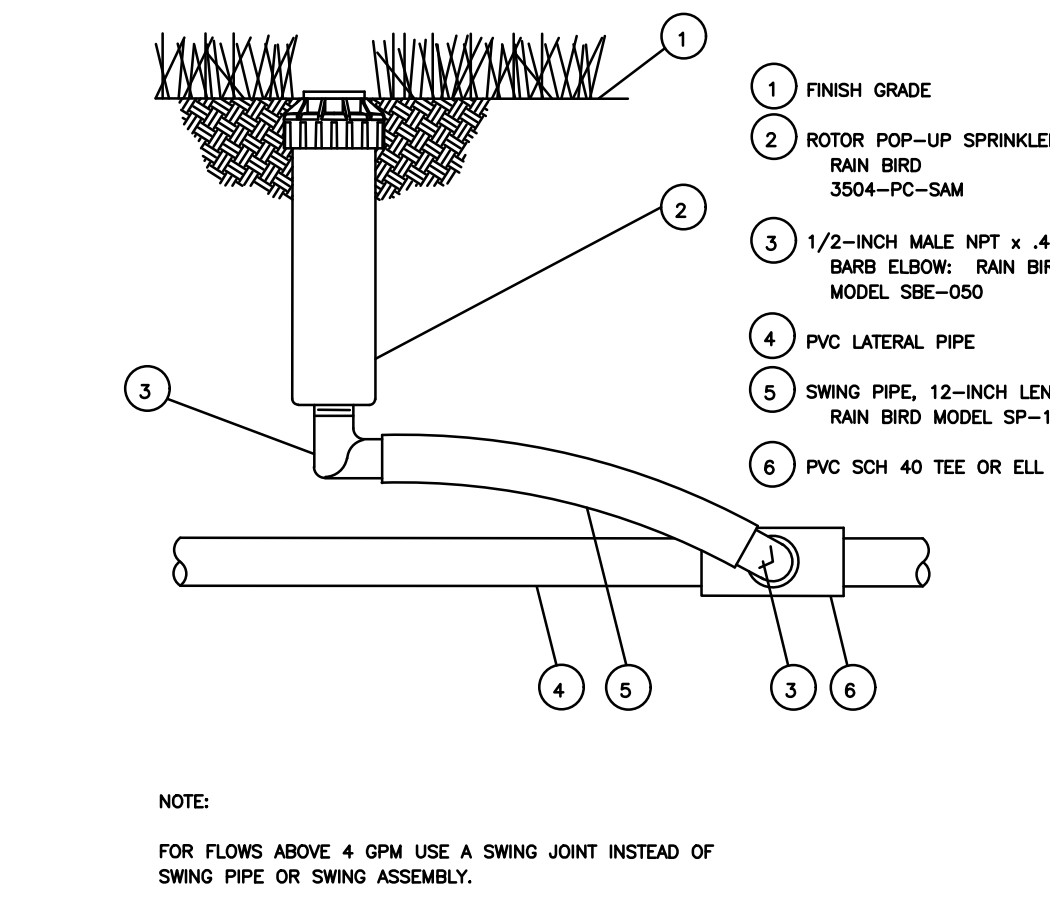
3 RAINBIRD ESP CONTROLLER  
NTS SECTION



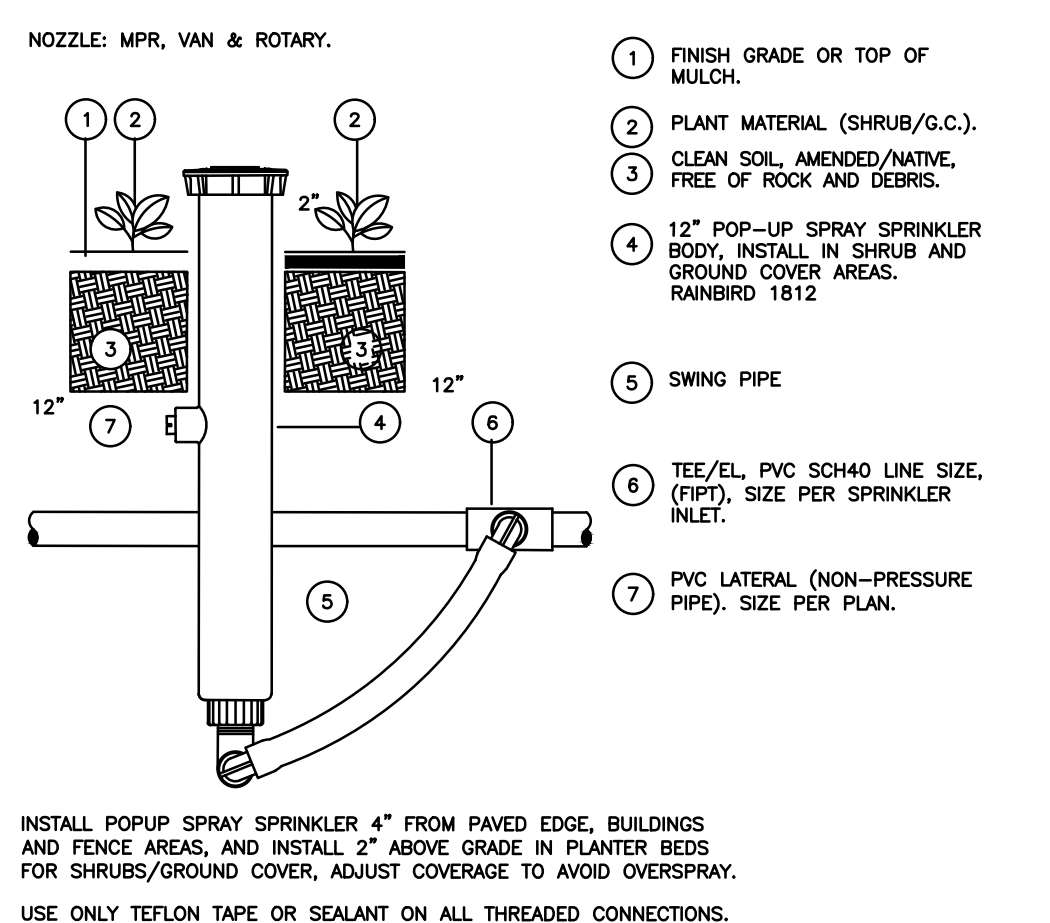
4 RAINBIRD RAIN SENSOR  
NTS SECTION

POWER TO THE CONTROLLER SHALL BE THE ELECTRICIAN ON SITE. FINAL HOOK UP FROM THE ELECTRIC TO THE CONTROLLER SHALL BE BY IRRIGATION CONTRACTOR.

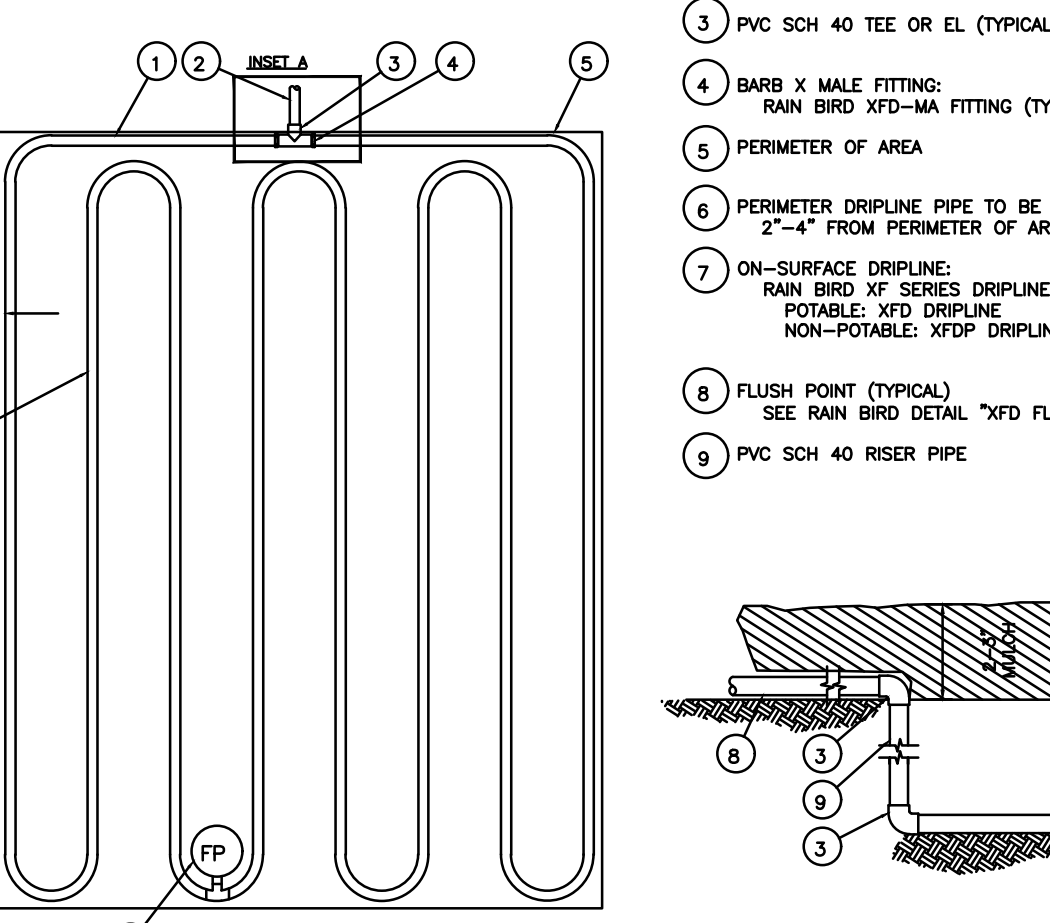
**NOTE**  
GPD GROUP IS NOT RESPONSIBLE FOR IRRIGATION DESIGN. NOTE OR DETAILS PLEASE CONTACT WC3 DESIGN FOR ANY QUESTIONS.



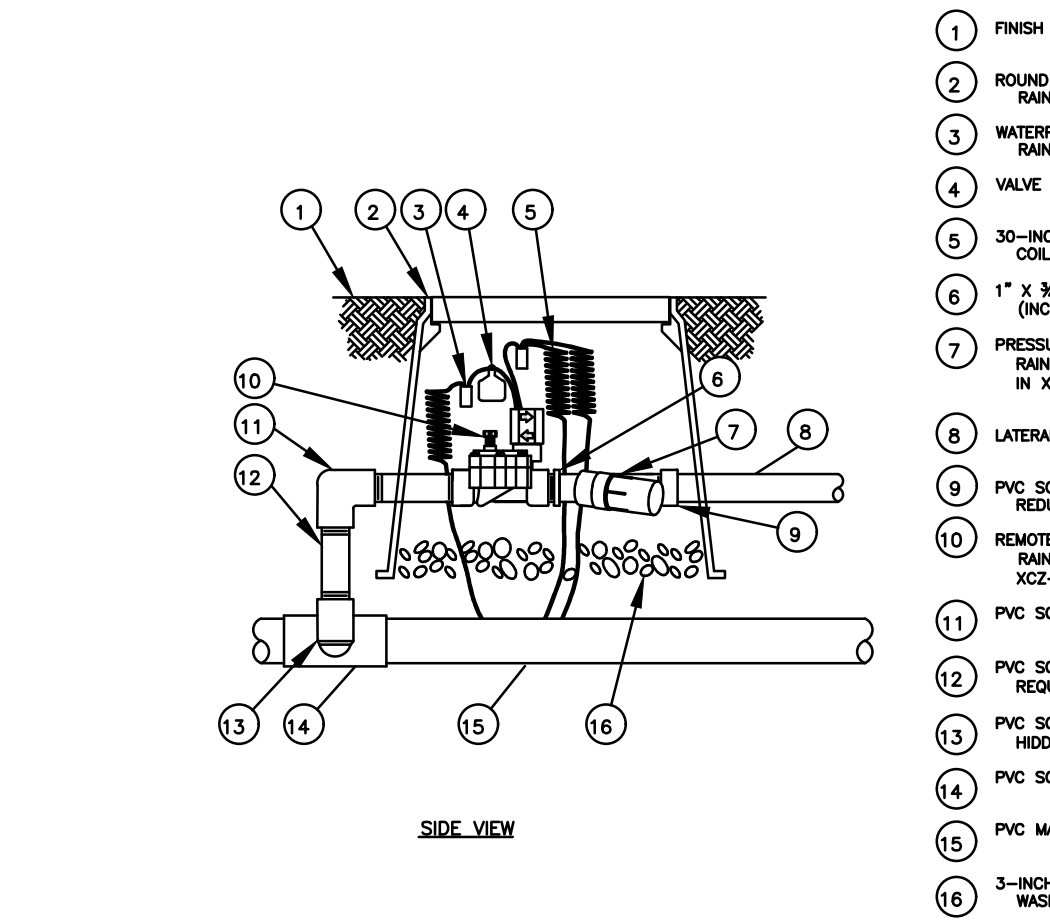
5 RAINBIRD 3504 MINI ROTOR  
NTS SECTION



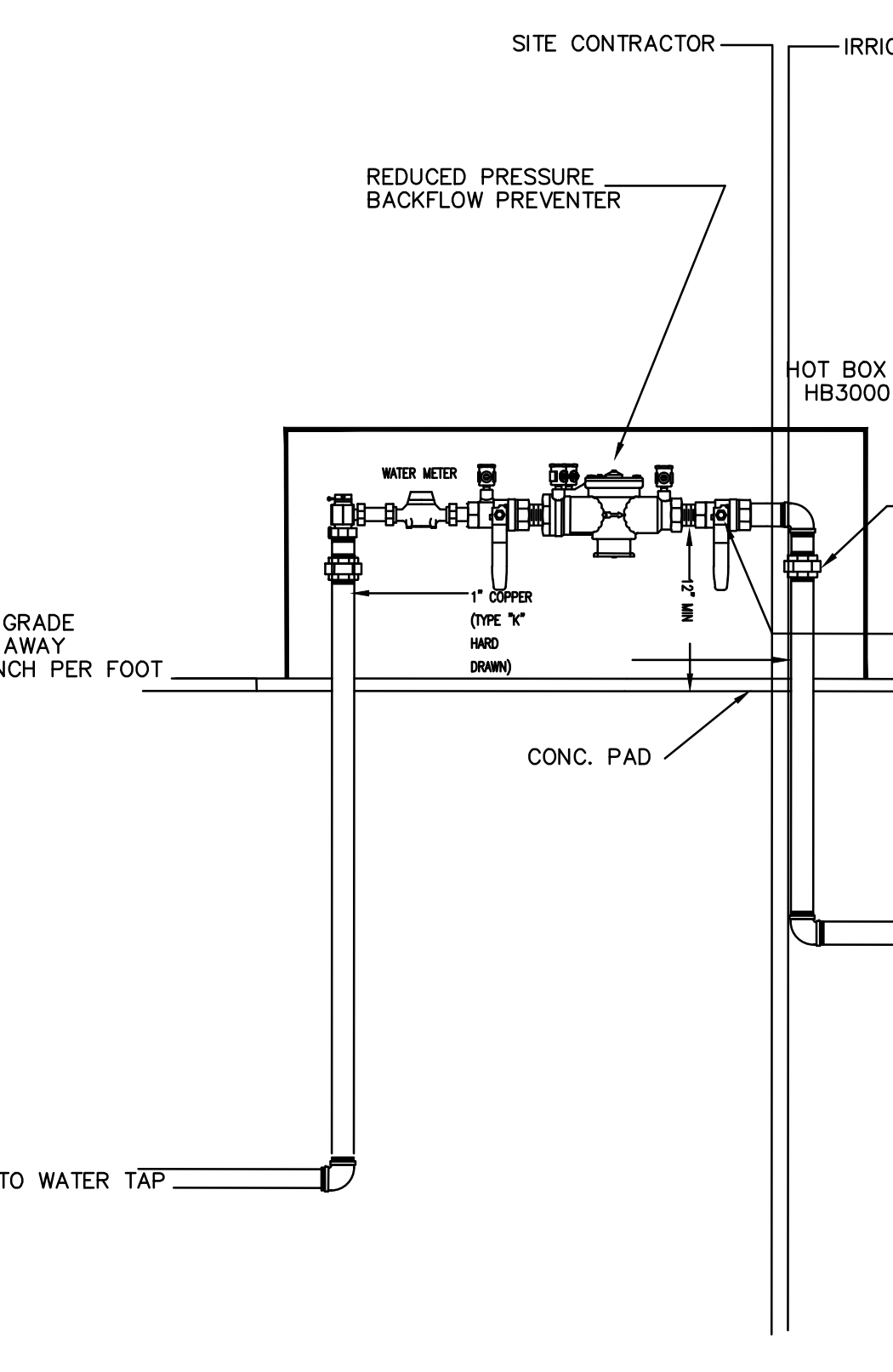
6 RAINBIRD 1812 12" POP UP SPRAY  
NTS SECTION



7 RAINBIRD XFD-6 X 18" DRIP ZONE  
NTS SECTION



8 SPRINKLER PLACEMENT ALONG CURB  
NTS SECTION



9 IRRIGATION POINT OF CONNECTION  
NTS SECTION

REV. DATE	DESCRIPTION
07/28/21	



NEW SHEETZ STORE  
SOUTH FRIENDSHIP DR (S.R. 83)  
NEW CONCORD, OH 43762

**IRRIGATION NOTES & DETAILS**

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER
JL	JRA

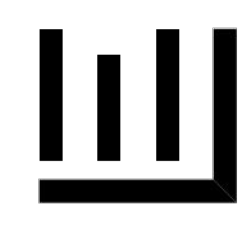
JOB NO.  
2020117.13

**L-113**









**Linn Engineering, Inc.**  
Civil Engineering Consultants  
534 Market St., Zanesville, Ohio 43702-2086  
740-452-7434

**SHEETZ, INC.**  
701 FRIENDSHIP DRIVE  
NEW CONCORD, OHIO 43762  
TOPOGRAPHIC MAPPING

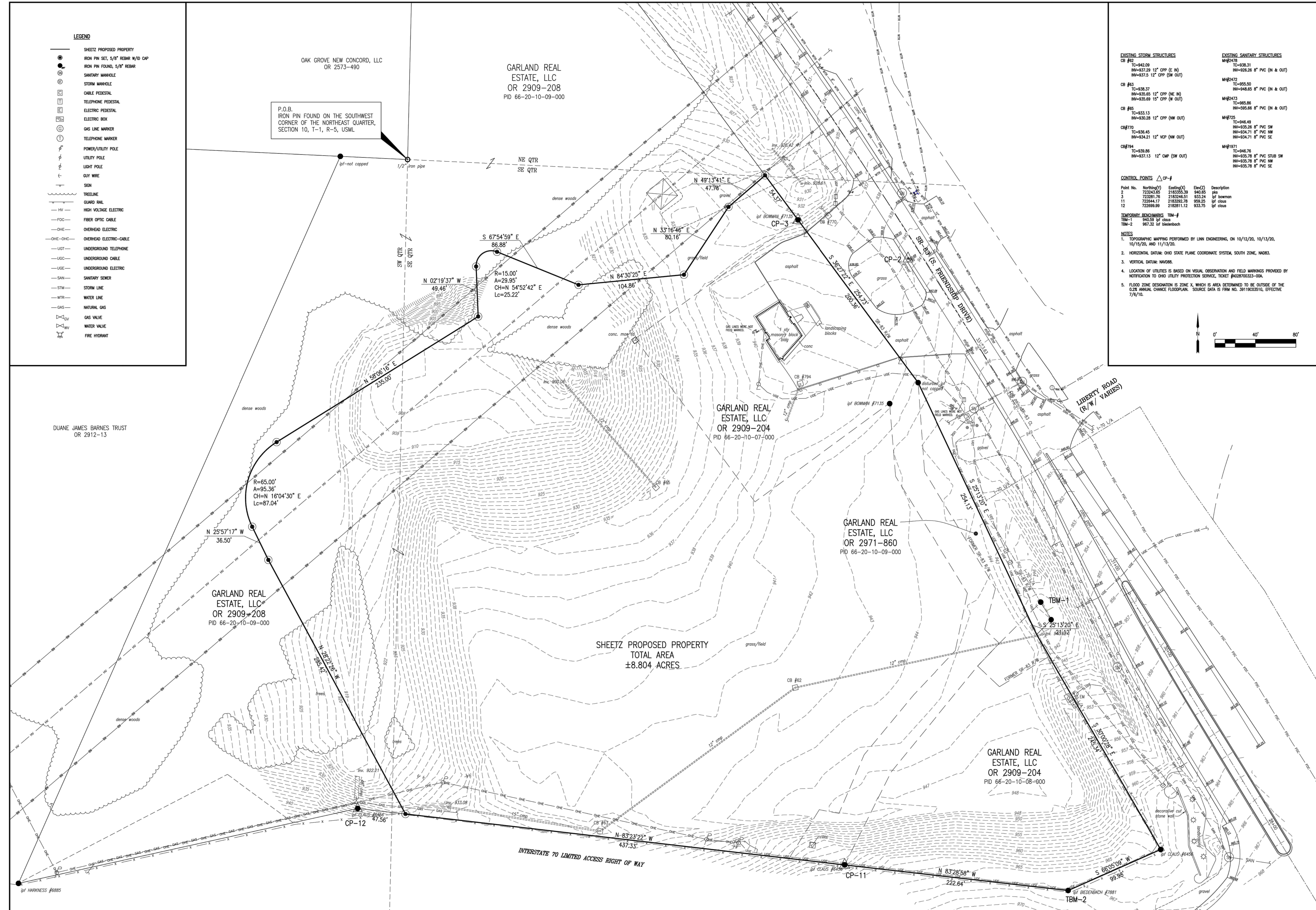
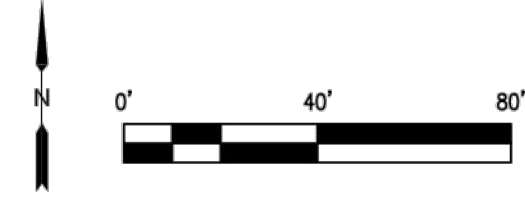
Date	By	Revisions	Scale	Date	By	Designated
1/20/22	THL	1	As Shown 20' Vert 1" = N/A		THL	Drawn
					THL	Checked
					THL	Approved

Project No. SHEETZ-2035  
Sheet No. 1.0 of

CR #	TC	IN	OUT	CR #	TC	IN	OUT
CR #62	TO=942.09	NW=837.29 12" CPP (E IN)	NW=837.5 12" CPP (SW OUT)	CR #472	TC=928.31	NW=928.26 8" PVC (N & OUT)	
CR #63	TO=938.37	NW=938.05 12" CPP (E IN)	NW=938.08 12" CPP (W OUT)	CR #473	TC=928.50	NW=948.65 8" PVC (N & OUT)	
CR #65	TO=933.13	NW=933.08 12" CPP (NW OUT)		CR #474	TC=928.66	NW=955.66 8" PVC (N & OUT)	
CR #70	TO=936.45	NW=936.41 12" CPP (NW OUT)		CR #725	TC=946.49	NW=936.26 8" PVC SW	
CR #74	TO=939.88	NW=937.13 12" CPP (SW OUT)		CR #726	TC=946.49	NW=934.71 8" PVC NW	
				CR #727	TC=946.49	NW=934.71 8" PVC SE	

Point No.	Northing (Y)	Easting (X)	Elev (Z)	Description
2	72304.05	218335.39	945.85	of benchmark
3	723281.78	2183248.31	933.24	of benchmark
11	722644.17	2183202.78	958.25	of benchmark
12	722899.99	2183111.12	933.75	of benchmark

- NOTES**
1. TOPOGRAPHIC MAPPING PERFORMED BY LINN ENGINEERING, ON 10/12/20, 10/13/20, 10/15/20, AND 11/13/20.
  2. HORIZONTAL DATUM: OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD83.
  3. VERTICAL DATUM: NAVD83.
  4. LOCATION OF UTILITIES IS BASED ON VISUAL OBSERVATION AND FIELD MARKINGS PROVIDED BY NOTIFICATION TO OHIO UTILITY PROTECTION SERVICE, TICKET #06870033-004.
  5. FLOOD ZONE DESIGNATION IS ZONE X, WHICH IS AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN. SOURCE DATA IS FIRM NO. 38118C0316, EFFECTIVE 7/6/16.





DEMOLITION NOTES

- 1. DEMOLITION INCLUDES THE FOLLOWING WITH THE PROPERTY LINES:
1.A. TRANSFER BENCHMARK CONTROL TO NEW LOCATIONS OUTSIDE THE DISTURBED AREA PRIOR TO COMMENCING DEMOLITION OPERATIONS (WHEN APPLICABLE).
1.B. DEMOLITION AND REMOVAL OF SITE IMPROVEMENTS.
1.C. DISCONNECTING, CAPPING OR SEALING, AND ABANDONING/REMOVING SITE UTILITIES IN PLACE (WHICHEVER IS APPLICABLE).

GENERAL PLAN AND SURVEY NOTES

- 1. PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE SECTION OF THESE NOTES ENTITLED "GRADING PLAN NOTES" FOR DEFINITIONS AS MAY BE NECESSARY FOR "GEOTECHNICAL ENGINEER" AND "SOILS REPORT".

CONCRETE NOTES AND SPECIFICATIONS

- 1. ALL EXTERIOR SITE SPECIFIC PORTLAND CEMENT CONCRETE (PCC) (I.E. SIDEWALK, PAVEMENT OR CURBING) SHALL MEET THE MINIMUM REQUIREMENTS OF THE LATEST EDITIONS OF THE STATE DEPARTMENT OF TRANSPORTATION (DOT) AND THE AMERICAN CONCRETE INSTITUTE (ACI) SPECIFICATIONS USING THE RESPECTIVE ASTM STANDARDS FOR MATERIALS USED, MIXING, TRANSPORTATION, FORMING, PLACEMENT, CURING, AND SEALING. THE MINIMUM STRENGTH FOR NORMAL WEIGHT CONCRETE IS 4000 PSI AT 28 DAY STRENGTH. CONTRACTOR SHALL REFER TO DETAILS, NOTES, AND SPECIFICATIONS WITHIN THE CONSTRUCTION DOCUMENTS FOR VARIATIONS TO THIS SPECIFICATION. MIX DESIGN SHOP DRAWINGS SHALL BE TAILORED TO THE ACTUAL FIELD PLACEMENT CONDITIONS AND BE SUBMITTED TO THE CONSTRUCTION/PROJECT MANAGER IN ACCORDANCE WITH THE PROJECT REQUIREMENTS.

SHEETZ CONCRETE SPECIFICATION

Table with columns: PROPERTY, VALUE. Includes STRENGTH (4000 PSI PER ACI 318), MIN. CEMENT FACTOR (988 (8.25 BAGS)), MAX. W/C (0.45), ENTRAINED AIR (4.5%-7.5%), WATER REDUCER (4" MAX. UNLESS HRWR OR MID RANGE WR. THEN 6"-8" RETARDER), CONCRETE TEMPERATURE (50°-90° F), ACCELERATOR (NON-CHLORIDE TYPE ONLY), FIBER\* (1" @ 1.5W/C.V. (AS FIBERMESH 300 OR EQUIVALENT)).

STORMWATER MANAGEMENT NOTES

- 1. ALL SITE WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS, THE CURRENT REQUIREMENTS OF NEW CONCORD AND MUSKINGHAM COUNTY, THE APPLICABLE SECTIONS OF ODOT STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION, AND ALL OTHER FEDERAL AND STATE LAWS.
2. THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, PROVISIONS, AND POLICIES GOVERNING SAFETY AND HEALTH.

GRADING PLAN NOTES

- 1. A GEOTECHNICAL ENGINEERING REPORT HAS BEEN PREPARED BY GPD GROUP, DATED 03/24/2021 AND SHALL BE CONSIDERED TO BE A PART OF THIS PLAN SET.
2. BEFORE STARTING GRADING OPERATIONS, SEE STORMWATER POLLUTION PREVENTION PLAN, NOTES AND DETAILS (SWPP), AND SOILS REPORT FOR TREATMENT OF EXISTING GRADE.
3. PRIOR TO SITE CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL INSTALL ALL SWPP MEASURES TO PROTECT EXISTING DRAINAGE FACILITIES. CONTRACTOR SHALL PREVENT SILTATION FROM LEAVING THE SITE AT ALL TIMES.

ELECTRICAL NOTES

- 1. SEE PHOTOMETRIC PLAN FOR FIXTURE AND POLE INFORMATION. COORDINATE ALL WORK WITH ARCHITECTURAL AND SITE DRAWINGS.
2. CONTRACTOR SHALL VERIFY ALL CONDUIT SERVICES WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
3. ALL PARKING LOT LIGHTING WIRING SHALL BE NO. 10 AWG IN 1" PVC DUCT.

GENERAL UTILITY NOTES

- 1. CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES IMMEDIATELY AFTER BID IS AWARDED AND ENSURE THE UTILITY COMPANIES HAVE THE ESSENTIALS REQUIRED FOR COMPLETE SERVICE INSTALLATION. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER AND ENGINEER OF ANY TIME FRAMES ESTABLISHED BY UTILITY COMPANIES WHICH WILL NOT MEET OPENING DATE.
2. CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, INVERT ELEVATION, AND CONDITION OF EXISTING UTILITIES WHICH ARE INTENDED TO BE UTILIZED AS A CONNECTION POINT FOR ALL PROPOSED UTILITIES. PRIOR TO ANY CONSTRUCTION, CONTRACTOR TO ENSURE EXISTING UTILITIES ARE IN GOOD CONDITION AND FREE FLOWING (IF APPLICABLE). IF ELEVATIONS, SIZE, OR LOCATION DIFFER FROM WHAT IS SHOWN ON PLANS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.

STORM SEWER NOTES

- 1. ALL STORM SEWER PIPE 12" OR GREATER IN DIAMETER SHALL BE CORRUGATED HIGH DENSITY POLYETHYLENE (HDPE) (SMOOTH INTERIOR PIPE UNLESS OTHERWISE NOTED ON PLAN). HDPE PIPE SHALL CONFORM TO ASTM D 3550 AND JOINTS PER ASTM F477. STORM SEWER LESS THAN 12" IN DIAMETER SHALL BE PVC. SDR 35, PER ASTM D 3034 AND JOINTS PER ASTM D 3212 (OR APPROVED EQUIV.).
2. CONTRACTOR SHALL COORDINATE PUMP ISLAND CANOPY DRAINS CONNECTION TO THE MAIN COLLECTOR PIPE WITH SHEETZ AND PROVIDE ALL NECESSARY FITTINGS TO MAKE THE CONNECTION TO THE MAIN COLLECTOR PIPE.

SANITARY SEWER NOTES

- 1. SANITARY SEWER LATERAL INVERT AT BUILDING SHALL BE A MINIMUM OF 50" BELOW THE FINISH FLOOR ELEVATION.
2. SERVICE ENTRY POINT INTO BUILDING SHOULD BE VERIFIED W/ THE ARCHITECTURAL DRAWINGS.
3. CLEAN-OUTS TO BE INSTALLED AT ALL PIPE BENDS AND ANGLES. UNLESS A MANHOLE IS INDICATED OR AS SPECIFIED IN THE PLANS.
4. THE CONTRACTOR SHALL HIRE A PLUMBER LICENSED WITH THE LOCAL SANITARY JURISDICTION TO MAKE ALL CONNECTIONS FROM THE BUILDING TO THE EXISTING SEWER. CONTRACTOR SHALL SECURE A SANITARY SEWER CONNECTION PERMIT PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR'S PRICE FOR SANITARY SEWER INSTALLATION SHALL INCLUDE ALL FEES AND APPURTENANCES REQUIRED BY THE LOCAL SANITARY JURISDICTION TO PROVIDE A COMPLETE WORKING SERVICE. COORDINATE ALL WORK WITH RICK GROUX @ 740-628-7671.

CABLE/TELECOMMUNICATIONS NOTES

- 1. COORDINATE WITH SHEETZ.

GENERAL LEGEND

Legend showing symbols for EXISTING and PROPOSED features: EXISTING PROPERTY LINE, EXISTING RIGHT OF WAY LINE, EXISTING CURB LINE, EXISTING IRON PIN FOUND AS NOTED, EXISTING MONUMENT BOX FOUND AS NOTED, EXISTING POWER & TELEPHONE POLE, EXISTING LIGHT POLE, EXISTING TELEPHONE POLE, EXISTING UNKNOWN POLE, EXISTING ELECTRIC METER, EXISTING UNDERGROUND ELECTRIC LINE MARKER, EXISTING TRANSFORMER, EXISTING SIGNAL POLE, EXISTING SIGNAL PULL BOX, EXISTING CATCH BASIN, EXISTING CURB INLET, EXISTING DOWN SPOUT, EXISTING STORM MANHOLE, EXISTING SANITARY MANHOLE, EXISTING FIRE HYDRANT, EXISTING WATER VALVE, EXISTING SPRINKLER HEAD, EXISTING UNDERGROUND WATER LINE MARKER, EXISTING GAS VALVE, EXISTING GAS METER, EXISTING UNDERGROUND CABLE LINE MARKER, EXISTING UNDERGROUND CABLE LINE MARKER, EXISTING POST OR BOLLARD, EXISTING SIGN, EXISTING HANDICAP SIGN, EXISTING TRAFFIC CONTROLLER BASE, EXISTING CLEANOUT, EXISTING AIR COMPRESSOR, EXISTING GUY WIRE, EXISTING MONITORING WELL, EXISTING YARD LIGHT, EXISTING FLAG POLE, EXISTING FILLER CAP, EXISTING GREASE PIT, EXISTING COLUMN, EXISTING RIP RAP, EXISTING OVERHANG, EXISTING OVERHEAD UTILITY LINES, EXISTING UNDERGROUND GAS LINES, EXISTING UNDERGROUND STORM LINES, EXISTING UNDERGROUND SANITARY LINES, EXISTING UNDERGROUND WATER LINES, EXISTING UNDERGROUND ELECTRIC LINES, EXISTING UNDERGROUND FIBER OPTIC LINES, EXISTING UNDERGROUND CABLE LINES.

Legend showing symbols for PROPOSED features: PROPOSED CATCH BASIN, PROPOSED CLEANOUT, PROPOSED LIGHT POLE, PROPOSED EDGE OF PAVEMENT, PROPOSED CURB, PROPOSED WHEEL STOP, PROPOSED TRAFFIC SIGN, PROPOSED DIRECTIONAL PAVEMENT MARKINGS, PROPOSED TRANSVERSE STRIPING, PROPOSED SIGNAGE.

Vertical sidebar containing: GPD GROUP logo and contact info; STATE OF OHIO seal; LEONARDO A. SFERRA E-71842 Professional Engineer; 06/30/22 date; NEW SHEETZ STORE SOUTH FRIENDSHIP DR (S.R. 83) NEW CONCORD, OH 43762; GENERAL NOTES; ISSUED FOR: PERMIT; BID; CONSTRUCTION; RECORD; PROJECT MANAGER; DESIGNER; JOB NO. 2020117.13; C-001.

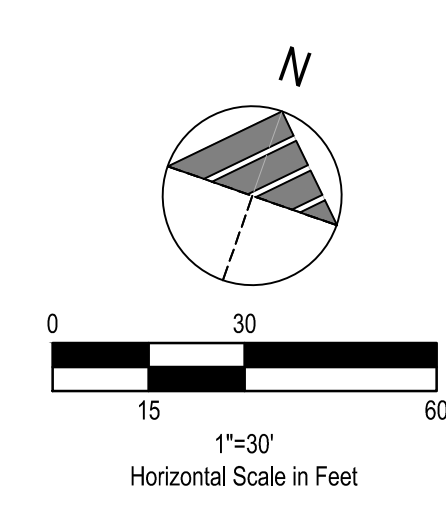
PLAN REPRODUCTION WARNING THE PLANS HAVE BEEN CREATED ON ANSI E (30"x42") SHEETS FOR REDUCTIONS. REFER TO GRAPHIC SCALE.



- PLAN KEYNOTES**
- EXISTING CURB TO BE REMOVED.
  - EXISTING BUILDING ALONG WITH ALL ASSOCIATED BUILDING CANOPIES, OVERHANGS, AND FOUNDATIONS.
  - EXISTING LANDSCAPE PLANTER TO BE REMOVED IN ITS ENTIRETY.
  - EXISTING LANDSCAPING (INCLUDING BUSHES, TREES, ETC.) TO BE REMOVED.
  - EXISTING LIGHT POLE TO BE REMOVED.
  - EXISTING GUARDRAIL TO BE REMOVED.
  - EXISTING UNDERGROUND STORM SEWER TO BE REMOVED.
  - EXISTING CATCH BASIN TO BE REMOVED.
  - EXISTING ELECTRIC LINE TO BE REMOVED.
  - EXISTING GAS LINE TO BE REMOVED/RELOCATED IF NOT ALREADY REMOVED BY PROPERTY OWNER.
  - EXISTING GAS VALVE TO BE REMOVED.
  - EXISTING SIGNAGE TO BE REMOVED AND RELOCATED. SEE SHEET C-111 FOR RELOCATION.
  - EXISTING CONCRETE POST TO BE REMOVED.
  - EXISTING TELEPHONE BOXES TO BE RELOCATED. COORDINATE WITH UTILITY COMPANY.
  - SEE ROADWAY IMPROVEMENT PLANS FOR ALL LIMITS AND SPECIFICATIONS OF DEMOLITION WITHIN THE RIGHT OF WAY.
  - CONTRACTOR SHALL FIELD VERIFY LOCATION OF ANY EXISTING UTILITY SERVICES THAT MAY NOT HAVE BEEN COLLECTED FROM SURVEY OR RECORD INFORMATION. THE UTILITIES SERVING THE PREVIOUS GAS STATION SHALL BE REMOVED AND/OR CAPPED PER THE REQUIREMENTS OF THE PROPER AUTHORITY/OWNER. CONTRACTOR SHALL COORDINATE ALL UTILITY TERMINATION PERMITS WITH PROPER AUTHORITY/OWNER.

**DEMOLITION NOTE:**  
 ALL EXISTING SITE AND SURROUNDING FEATURES SUCH AS UTILITIES, PAVEMENT, CURB, LANDSCAPING, ETC. SHALL REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION UNLESS NOTED OTHERWISE. OR ARE REQUIRED TO BE MODIFIED OR REMOVED FOR THE INSTALLATION OF PROPOSED IMPROVEMENTS. ALL DISTURBED FEATURES SHALL BE RESTORED OR RELOCATED AS REQUIRED TO THE SATISFACTION OF THE OWNER. CONTRACTOR SHALL REPAIR/REPLACE ANY SURROUNDING FEATURES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST AND TO THE SATISFACTION OF THE OWNER.

**GENERAL NOTE:**  
 A TREE SURVEY HAS NOT BEEN COMPLETED FOR THIS PROJECT. THE LIMITS OF TREE CLEARING SHOWN ON THE PLAN AND INDICATED BY KEYNOTE #4 ARE APPROXIMATE. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO WALK THE LIMITS OF THE SITE AND SHALL CLEAR AND REMOVE ALL EXISTING TREES WITHIN THE SITE BOUNDARY, REGARDLESS OF WHETHER THEY ARE WITHIN THE LIMITS PROVIDED BY KEYNOTE #4 OR NOT.



**LEGEND**  
 (SEE SHEET C-001 FOR GENERAL LEGEND)

	EXISTING ASPHALT TO BE REMOVED
	EXISTING CONCRETE TO BE REMOVED
	EXISTING BUILDING/STRUCTURE TO BE REMOVED
	EXISTING GRAVEL TO BE REMOVED
	EXISTING WETLAND (0.15 ACRES DISTURBED, 0.05 ACRES UNDISTURBED). SEE SHEET C-002 FOR DISTURBANCE DELINEATION
	##R/L F ± DENOTES LIMITS OF SAWCUT. SEE ROADWAY IMPROVEMENT PLANS FOR ALL LIMITS WITHIN THE RIGHT OF WAY.
	DEMOLITION KEYNOTE

**EXISTING STRUCTURES**

STRUCT. ID	STRUCTURE DETAILS
CB 62	EXISTING CATCH BASIN TO BE REMOVED TC=946.29 INV 12" CPP (E)=937.29 INV 12" CPP (SW)=937.5
CB 63	EXISTING CATCH BASIN TC=938.37 INV 12" CPP (NE)=935.65 - TO BE REMOVED INV 12" CPP (W)=935.66
CB 65	EXISTING CATCH BASIN TO BE REMOVED TC=933.13 INV 12" CPP (NW)=930.28
CB 770	EXISTING CATCH BASIN TO BE REMOVED TC=936.45 INV 12" VCP (NW)=934.21
CB 794	EXISTING CATCH BASIN TO BE REMOVED TC=939.86 INV 12" CMP (SW)=937.13
SAN 725	EXISTING SANITARY SEWER MANHOLE TO=946.49 INV 8" PVC (SW)=935.26 INV 8" PVC (NW)=934.71 INV 8" PVC (SE)=934.71
SAN 1971	EXISTING SANITARY SEWER MANHOLE TO=946.76 - TO BE ADJUSTED INV 8" PVC STUB (SW)=935.78 INV 8" PVC (NW)=935.78 INV 8" PVC (SE)=935.78
SAN 2472	EXISTING SANITARY SEWER MANHOLE TC=955.50 INV 8" PVC =948.65
SAN 2478	EXISTING SANITARY SEWER MANHOLE TC=938.31 INV 8" PVC =926.26



**BASIS FOR BEARING:**  
 OHIO STATE PLANE COORDINATE SYSTEM,  
 NAD 83 (2011), OHIO SOUTH ZONE.  
 ELEVATIONS ARE NAVD 88

**CONTROL POINTS:**

- PKS  
N 722243.65, E 2183355.39  
ELEV. = 940.65  
STA. 133+04.70, 7.48' LT.
- IPF BOWMAN  
N 722644.17, E 2183246.51  
ELEV. = 935.24  
STA. 133+36.65, 13.19' RT.
- IPF CLAUS  
N 722644.17, E 2183292.78  
ELEV. = 959.25  
STA. 138+16.28, 379.63' RT.
- IPF CLAUS  
N 722699.99, E 2182811.12  
ELEV. = 933.75  
STA. 135+18.01, 761.92' RT.

**BENCHMARKS:**

TBM-1 IPF CLAUS  
ELEV. = 940.59

TBM-2 IOF BIEDENBACH  
ELEV. = 967.32

REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

**DEMOLITION PLAN**

ISSUED FOR:

PERMIT	
BID	
CONSTRUCTION	
RECORD	

PROJECT MANAGER: \_\_\_\_\_ DESIGNER: \_\_\_\_\_

JOB NO.  
**2020117.13**

**C-101**



**CONSTRUCTION KEYNOTES**

1. PROPOSED ASPHALT PAVEMENT. SEE LEGEND FOR TYPE (STANDARD/HEAVY). SEE SHEET C-501 FOR DETAIL.
2. PROPOSED FIBER MESH CONCRETE CURB. SEE SHEET C-501.
3. PROPOSED FIBER MESH CONCRETE CURB. SEE SHEET C-501.
4. PROPOSED #4 ASHTO #3 OVER ODOT TYPE 2 GEOTEXTILE.
5. PROPOSED FIBER MESH SIDEWALK. SEE SHEET C-501.
6. PROPOSED LANDSCAPE AREA. SEE SHEET L-101 & C-601 FOR ADDITIONAL INFORMATION.
7. PROPOSED STOREFRONT BRICK PAVER SIDEWALK. SEE ARCHITECTURAL DRAWINGS FOR DETAILS AND INSTALLATION SPECIFICATIONS. TOP OF WALK TO MATCH TOP OF PAVEMENT WHERE APPLICABLE. REFER TO GRADING PLAN.
8. PROPOSED PAINTED TRAILER STRIPING PER SHEET C-501.
9. PROPOSED PAINTED 4" WIDE SOLID STRIPE, COLOR YELLOW. SEE NOTES ON SHEET C-501.
10. PROPOSED DIRECTIONAL PAVEMENT MARKINGS PER SHEET C-501.
11. PROPOSED PAINTED ADA SYMBOL-WHITE ON BLUE BACKGROUND PER SHEET C-501.
12. PROPOSED 2"X4" BUMPER POST PER SHEET SPECIFICATIONS AND DETAIL PER SHEET C-501.
13. PROPOSED ADA PARKING SIGN ATTACHED TO BUMPER POST. PER SHEET C-501.
14. PROPOSED ADA VAN PARKING SIGN ATTACHED TO BUMPER POST. PER SHEET C-501.
15. PROPOSED AWINGS. SEE ARCHITECTURAL DRAWINGS.
16. PROPOSED SEATING (2 TABLES W/ 2 CHAIRS, 2 TABLES W/ 4 CHAIRS AND 1 BENCH WITH 4 SEATS). SEE ARCHITECTURAL DRAWINGS.
17. PROPOSED DRIVE-THRU WAITING ZONE. SEE SHEET DRIVE-THRU SIGNAGE PLAN FOR PAVEMENT MARKINGS.
18. PROPOSED DECORATIVE ALUMINIZED FENCE. SEE ARCHITECTURAL DRAWINGS FOR DETAILS.
19. PROPOSED GAS ISLANDS WITH DISPENSERS. SEE PETROLEUM DRAWINGS FOR DETAILS.
20. PROPOSED UNDERGROUND FUEL TANKS. SEE PETROLEUM DRAWINGS FOR DETAILS.
21. PROPOSED 2000 GALLON GREASE INTERCEPTOR. SEE UTILITY PLAN & DETAIL ON SHEET CR-504.
22. PROPOSED 20" WIDE STOP BAR WHITE PER ODOT 30.16.
23. PROPOSED DRIVE-THRU ORDER POINT CANOPY AND MENU BOARD PER SHEET SIGNAGE PACKAGE.
24. PROPOSED #2 PROPANE PIPE BOLLARD. SEE DETAIL ON SHEET C-501.
25. PROPOSED ENTRANCE DOOR MAPES CANOPIES. SEE ARCHITECTURAL DRAWINGS.
26. PROPOSED CURB TAPER. SEE SHEET C-501.
27. PROPOSED ADA RAMP. SEE DETAIL ON SHEET C-501.
28. PROPOSED CROSSWALK STRIPING. SEE DETAIL ON SHEET C-501.
29. PROPOSED FLAGPOLE WITH GROUND MOUNTED LIGHTS PER SHEET CR-504 (VERIFY LOCATION WITH SHEET C-CONSTRUCTION/GENERAL NOTES PRIOR TO ORDERING AND INSTALLATION).
30. PROPOSED DECORATIVE LIGHT BOLLARDS. SEE ARCHITECTURAL DRAWINGS.
31. PROPOSED 3"X3" OIL TANK W/ BRONZE SHROUD. SEE ARCHITECTURAL DRAWINGS.
32. PROPOSED CLEARANCE BAR. SEE ARCHITECTURAL DRAWINGS.
33. PROPOSED GENT PAD. PRIOR TO INSTALLATION, CONTRACTOR SHALL CONTACT SHEETZ CONSTRUCTION PROJECT MANAGER TO COORDINATE ITEMS ON THE PAD. SEE DETAIL ON SHEET CR-504.
34. PROPOSED AIR MACHINE. SEE DETAIL ON SHEET CR-504. SEE PETROLEUM DRAWINGS FOR ALL WIRING.
35. PROPOSED DIESEL ISLANDS WITH DISPENSERS. SEE PETROLEUM DRAWINGS FOR DISPENSER DETAILS.
36. PROPOSED ELECTRIC TRANSFORMER. SEE SHEET C-111 FOR INFORMATION.
37. PROPOSED ELECTRIC SHED SEE PETROLEUM DRAWINGS FOR DETAILS.
- 38A. PROPOSED TRUCK ENTER SIGN COORDINATE WITH SIGN CONTRACTOR.
- 38B. PROPOSED TRUCK EXIT SIGN COORDINATE WITH SIGN CONTRACTOR.
39. PROPOSED RELOCATED ROADWAY SIGN.
40. PROPOSED #2 DETERRENT PIPE BOLLARD. SEE SHEET C-501.
41. PROPOSED FUEL ISLAND CANOPY. SEE PETROLEUM DRAWINGS FOR DETAILS.
42. PROPOSED DUMPSTER ENCLOSURE PER SHEET CR-503.
43. PROPOSED ROADWAY CURB AND GUTTER. SEE ROADWAY PLANS FOR SPECIFICATION.
44. PROPOSED ROCK LINED CHANNEL. SEE SHEET C-502.
45. PROPOSED DRIVE THRU 10" CURB.
46. PROPOSED PROPANE LOCKER. SEE DETAIL ON CR-505.
47. PROPOSED BIKE RACK (TYP OF 3). SEE DETAIL ON SHEET C-501.
48. PROPOSED EXTERIOR E-STOP LOCATIONS.
- 48A. PROPOSED WALL MOUNT E-STOP.
49. PROPOSED DIESEL LIFT VENT PAD AND APPURTENANCE. SEE PETROLEUM DRAWINGS.
50. PROPOSED STORM HEADWALL. SEE DETAIL ON SHEET C-502.
51. PROPOSED ICE MERCHANTISERS. SEE DETAIL ON SHEET CR-505.
52. PROPOSED STORM INLET. SEE SHEET C-131 FOR INFORMATION.
53. PROPOSED CLEAN OUT. SEE SHEET C-131 FOR INFORMATION.
54. PROPOSED MANHOLE. SEE SHEET C-131 FOR INFORMATION.
55. PROPOSED SHEETZ GROUND SIGN.
56. PROPOSED LOCATION FOR UNDERGROUND STORMWATER MANAGEMENT. SEE SHEET C-131 FOR MORE DETAIL.
57. PROPOSED OIL & WATER SEPARATOR VENT PAD. SEE DETAIL ON SHEET CR-504.
58. PROPOSED GRAVEL ACCESS DRIVE. SEE AGGREGATE PAVEMENT SECTION ON SHEET C-501.
59. PROPOSED BYPASS LANE SIGN ("BYPASS - KEEP RIGHT").
60. PROPOSED LIGHT POLE. SEE DETAIL ON SHEET CR-504. SEE SHEET C-701 FOR ALL FIXTURE STANDARDS AND SPECIFICATIONS.
61. PROPOSED "DO NOT ENTER" SIGN.
62. PROPOSED ROADWAY IMPROVEMENTS. SEE ROADWAY DEVELOPMENT PLANS FOR EXTENTS OF WORK, SPECIFICATIONS, & DETAIL.
63. PROPOSED STORM CONTROL STRUCTURE. SEE DETAIL ON SHEET C-502.
64. PROPOSED ODOT, TYPE A2 ADA RAMP. SEE ROADWAY IMPROVEMENT SHEETS FOR MORE INFORMATION.
65. PROPOSED ODOT GUARDRAIL (ODOT ITEM #06). SEE ROADWAY SHEETS FOR SPECIFICATION.
66. PROPOSED STORM STRUCTURE. SEE ROADWAY IMPROVEMENT SHEETS FOR DETAIL.
67. PROPOSED CROSSWALK. SEE DETAIL ON SHEET C-501.
68. PROPOSED NOSE DOWN CURB TAPER. SEE ROADWAY SHEETS FOR MORE DETAIL.
69. PROPOSED SVALE. SEE DETAIL ON SHEET C-502.
70. NOT USED.
71. PROPOSED ROCK IN FILL AT GRADING TIE IN. PROVIDE 3Wx18" ODOT TYPE D ROCK OVER GEOTEXTILE FABRIC.
72. PROPOSED ROCK OUTLET PROTECTION. 8Wx12x18" ODOT TYPE D ROCK OVER GEOTEXTILE FABRIC.
73. ROCK CHANNEL PROTECTION, REFERENCE SHEETS C-813 & 814 FOR LOCATION AND SPECIFICATIONS.

**LEGEND**

- (SEE SHEET C-001 FOR GENERAL LEGEND)
- PROPOSED STANDARD DUTY ASPHALT PAVEMENT
  - PROPOSED HEAVY DUTY ASPHALT PAVEMENT
  - PROPOSED CONCRETE PAVEMENT
  - PROPOSED PAVER WALKWAY
  - PROPOSED GRAVEL
  - PROPOSED ROCK LINED CHANNEL. SEE SHEET C-502
  - PROPOSED GRASS PAVEMENT AREA. SEE LANDSCAPE SHEETS
  - CONTROL POINT LOCATION
  - CONSTRUCTION NOTE
  - PROPOSED PARKING SPACE NUMBER

**PARKING SPACES**

PARKING REQUIREMENTS  
1 SPACE PER 200 (CONVENIENCE STORE)  
THEREFORE: 6807 / 200 = 35 SPACES REQUIRED.

NUMBER OF SPACES	REQUIRED	PROVIDED
NUMBER OF TRUCK SPACES	35	41
	N/A	29

**BUILDING SETBACKS**

	REQUIRED	PROVIDED	PROVIDED (CANOPY)	PROVIDED (DUMPSTER)
FRONT: FRIENDSHIP (E)	60	155	67	246
REAR: WEST	20	416	331	385
SIDE: NORTH	20	438	104	323
SIDE: SOUTH	20	105	137	250

**PARKING SETBACKS**

	REQUIRED	PROVIDED
FRONT: FRIENDSHIP (E)	6	6
REAR: WEST	6	46
SIDE: NORTH	6	14
SIDE: SOUTH	6	38

**LAND USE DATA**

	PERCENTAGE OF SITE AREA	AREA PROVIDED
BUILDING	4.3%	0.38 AC.
PAVEMENT/IMPERVIOUS	58.7%	5.16 AC.
LANDSCAPING	37.1%	3.26 AC.
TOTAL	100%	8.80 AC.

CURRENT ZONING: B-3 HIGHWAY BUSINESS DISTRICT



**BASIS FOR BEARING:**  
OHIO STATE PLANE COORDINATE SYSTEM,  
NAD 83 (2011), OHIO SOUTH ZONE.  
ELEVATIONS ARE NAVD 88

**CONTROL POINTS:**

2. PK5  
N 723243.65, E 2183355.39  
ELEV. = 940.65  
STA. 133+04.70, 7.48' LT.
3. IPF BOWMAN  
N 723281.76, E 2183246.51  
ELEV. = 933.24  
STA. 133+36.65, 13.19' RT.
11. IPF CLAUS  
N 722644.17, E 2183292.78  
ELEV. = 959.25  
STA. 138+16.28, 379.63' RT.
12. IPF CLAUS  
N 722699.99, E 2182811.12  
ELEV. = 933.75  
STA. 135+18.01, 761.92' RT.

**BENCHMARKS:**

TBM-1 IPF CLAUS  
ELEV. = 940.59

TBM-2 IOP BIEDENBACH  
ELEV. = 967.32

REV.	DATE	DESCRIPTION



**SITE PLAN**

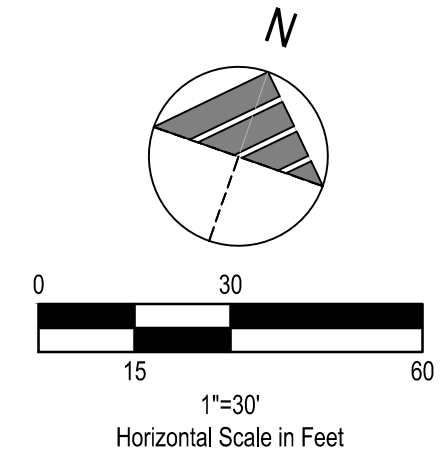
**NEW SHEETZ STORE**  
SOUTH FRIENDSHIP DR (S.R. 88)  
NEW CONCORD, OH 43762

ISSUED FOR:	PERMIT	BID	CONSTRUCTION	RECORD
PROJECT MANAGER	JL	DESIGNER	JH	

JOB NO.  
**2020117.13**

**C-111**





**LEGEND**

0.00	PROPOSED CONTOUR
XXX.XX+4	EXISTING SPOT ELEVATION
XXXX.XX	PROPOSED ELEVATION @ FINISHED GROUND
T=XXX.XX	TOP OF CURB ELEVATION
B=XXX.XX	BOTTOM OF CURB/FINISHED PAVEMENT ELEVATION
XXXX.XX+	MATCH EXISTING ELEVATION
↘	PROPOSED DRAINAGE SLOPE & DIRECTION

**ISLANDS H-M**

ISLAND	1	2	3	4	5
H	T=942.38 B=942.22	T=942.38 B=941.96	T=942.38 B=941.96	T=942.38 B=941.96	942.28
I	T=942.29 B=942.11	T=942.29 B=941.88	T=942.29 B=941.88	T=942.29 B=941.87	942.19
J	T=942.19 B=942.03	T=942.19 B=941.79	T=942.19 B=941.77	T=942.19 B=941.77	942.09
K	T=942.10 B=941.93	T=942.10 B=941.92	T=942.10 B=941.69	T=942.10 B=941.68	941.99
L	T=942.00 B=941.84	T=942.00 B=941.80	T=942.00 B=941.80	T=942.00 B=941.59	941.82
M	T=941.91 B=941.74	T=941.91 B=941.73	T=941.91 B=941.50	T=941.91 B=941.49	941.73
N	T=941.81 B=941.65	T=941.81 B=941.63	T=941.81 B=941.41	T=941.81 B=941.39	941.63

**STRUCTURE DETAILS**

STRUCT. ID	STRUCTURE DETAILS	STRUCTURE ID	STRUCTURE DETAILS
ST A	PROPOSED 3X3 CATCH BASIN (SEE SHEET C-502) RIM=940.50 4" FINGER DRAINS INV. (N.S.E.W) = 937.25 INV. 18" (W&S)=927.10	ST O	PROPOSED 24" HEADWALL (SEE SHEET C-502) INV. 24" (NE)=909.15
ST B	PROPOSED 24"x36" CURB INLET (SEE SHEET C-502) RIM=946.35 4" FINGER DRAINS INV. (SW,SE,NE) = 944.85 INV. 12" (S)=937.85	ST P	PROPOSED 48" STORM MANHOLE (SEE ODOT SCDM MH-1.2 (MANHOLE #3)) RIM=946.80 INV. 15" (S&E)=940.27
ST C	PROPOSED 24"x36" CURB INLET (SEE SHEET C-502) RIM=947.00 4" FINGER DRAINS INV. (NW,NE,SE) = 945.50 INV. 12" (N&E)=942.80	ST Q	PROPOSED 48" STORM MANHOLE (SEE ODOT SCDM MH-1.2 (MANHOLE #3)) RIM=951.47 INV. 15" (W&N)=939.23
ST D	PROPOSED 24"x36" CURB INLET (SEE SHEET C-502) RIM=947.05 4" FINGER DRAINS INV. (N.E.W) = 945.55 INV. 12" (W)=944.05	ST R	PROPOSED 48" STORM MANHOLE (SEE ODOT SCDM MH-1.2 (MANHOLE #3)) RIM=951.55 INV. 15" (NW&E)=937.67
ST E	PROPOSED 24"x36" CURB INLET (SEE SHEET C-502) RIM=947.00 4" FINGER DRAINS INV. (W,S,E) = 945.50 INV. 12" (SE)=941.61 INV. 18" (W)=941.11	ST S	PROPOSED 48" STORM MANHOLE (SEE ODOT SCDM MH-1.2 (MANHOLE #3)) RIM=942.60 INV. 15" (SW&SE)=936.15
ST F	PROPOSED 48" STORM MANHOLE (SEE ODOT SCDM MH-1.2 (MANHOLE #3)) RIM=949.44 INV. 6" (W)=943.05 INV. 12" (NW,S)=942.52	ST T	PROPOSED CS-6 CASCADE SEPARATOR (SEE SHEET CR-135) RIM=940.13 INV. 18" (W&E)=928.50
ST G	PROPOSED 24"x36" CURB INLET (SEE SHEET C-502) RIM=947.85 4" FINGER DRAINS INV. (N.W,S) = 946.35 INV. 12" (N)=944.85	ST U	PROPOSED CS-5 CASCADE SEPARATOR (SEE SHEET CR-135) RIM=936.44 INV. 24" (W&E)=928.50
ST H	PROPOSED 24"x72" CURB INLET (SEE SHEET C-502) RIM=934.70 4" FINGER DRAINS INV. (N.E,S) = 933.20 INV. 18" (W)=929.98 INV. 24" (E)=928.18	ST V	PROPOSED 24"x72" CURB INLET (SEE SHEET C-502) RIM=937.30 4" FINGER DRAINS INV. (SW,SE,NE) = 936.40 INV. 24" (S&E)=933.08
ST I	PROPOSED 24"x72" CURB INLET (SEE SHEET C-502) RIM=933.55 4" FINGER DRAINS INV. (S&E) = 932.05 INV. 18" (S)=930.55	ST W	PROPOSED 36" ACCESS RISER WITH ELJM V-4636 SOLID COVER ON FRAME (SEE SHEET CR-134 FOR REFERENCE) RIM=937.35 CHAMBER BOTTOM=926.00
ST J	PROPOSED 24"x72" CURB INLET (SEE SHEET C-502) RIM=938.20 4" FINGER DRAINS INV. (W,S,E) = 936.70 INV. 18" (E)=931.06 INV. 24" (W)=930.56	ST M1	
ST K	PROPOSED 48" STORM MANHOLE (SEE ODOT SCDM MH-1.2 (MANHOLE #3)) RIM=936.82 INV. 18" (W&NE)=931.62		
ST L	PROPOSED 24"x72" CURB INLET (SEE SHEET C-502) RIM=935.20 4" FINGER DRAINS INV. (SW,SE,NE) = 933.70 INV. 18" (S)=932.20		
ST M	PROPOSED 36" ACCESS RISER WITH ELJM V-4636 SOLID COVER ON FRAME (SEE SHEET CR-134 FOR REFERENCE) RIM=937.35 CHAMBER BOTTOM=926.00		
ST N	PROPOSED STORM CONTROL STRUCTURE (SEE SHEET C-502) RIM=937.29 INLET INV. 24" (S)=928.00 3" WEIR @ 933.00 2" WEIR @ 931.25 18" CIRCULAR PORT @928.50 2.5" WATER QUALITY ORIFICE @926.00 OUTLET INV. 24" (N)=926.00		

**PLAN KEYNOTES**

- STORM**
101. PROPOSED 12' L.F. OF 18" (HDPE) STORM SEWER @ 5.00%.
  102. PROPOSED 195' L.F. OF 18" (HDPE) STORM SEWER @ 5.00%.
  103. PROPOSED 218' L.F. OF 12" (HDPE) STORM SEWER @ 2.50%.
  104. PROPOSED 110' L.F. OF 12" (HDPE) STORM SEWER @ 1.14%.
  105. PROPOSED 147' L.F. OF 18" (HDPE) STORM SEWER @ 2.90%.
  106. PROPOSED 91' L.F. OF 12" (HDPE) STORM SEWER @ 1.00%.
  107. PROPOSED 88' L.F. OF 12" (HDPE) STORM SEWER @ 2.85%.
  108. PROPOSED 67' L.F. OF 24" (HDPE) STORM SEWER @ 4.00%.
  109. PROPOSED 68' L.F. OF 18" (HDPE) STORM SEWER @ 1.28%.
  110. PROPOSED 81' L.F. OF 24" (HDPE) STORM SEWER @ 2.51%.
  111. PROPOSED 228' L.F. OF 18" (HDPE) STORM SEWER @ 1.00%.
  112. PROPOSED 56' L.F. OF 18" (HDPE) STORM SEWER @ 1.00%.
  113. PROPOSED 48' L.F. OF 18" (HDPE) STORM SEWER @ 1.21%.
  114. PROPOSED 10' L.F. OF 18" (HDPE) STORM SEWER @ 5.00%.
  115. PROPOSED 10' L.F. OF 24" (HDPE) STORM SEWER @ 5.00%.
  116. PROPOSED 5' L.F. OF 24" (HDPE) STORM SEWER @ 0.00%.
  117. PROPOSED 140' L.F. OF 24" (HDPE) STORM SEWER @ 12.0%.
  118. PROPOSED 148' L.F. OF 15" (HDPE) STORM SEWER @ 0.70%.
  119. PROPOSED 225' L.F. OF 18" (HDPE) STORM SEWER @ 0.70%.
  120. PROPOSED 218' L.F. OF 15" (HDPE) STORM SEWER @ 0.70%.
  121. PROPOSED 66' L.F. OF 15" (HDPE) STORM SEWER @ 0.70%.
  122. PROPOSED 10' L.F. OF 24" (HDPE) STORM SEWER @ 2.51%.
  123. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  124. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  125. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  126. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  127. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  128. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  129. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  130. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  131. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  132. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  133. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  134. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  135. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  136. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  137. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  138. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  139. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  140. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  141. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  142. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  143. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  144. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  145. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  146. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  147. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  148. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  149. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  150. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  151. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  152. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  153. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  154. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  155. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  156. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  157. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  158. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  159. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  160. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  161. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  162. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  163. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  164. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  165. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  166. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  167. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  168. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  169. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  170. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  171. PROPOSED 27' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.



**BASIS FOR BEARING:**  
 OHIO STATE PLANE COORDINATE SYSTEM,  
 NAD 83 (2011), OHIO SOUTH ZONE.  
 ELEVATIONS ARE NAVD 88

**CONTROL POINTS:**

2. FKS  
 N 723243.65, E 2183355.39  
 ELEV. = 940.65  
 STA. 133+04.70, 7.48' LT.
3. IPF BOWMAN  
 N 723281.76, E 2183246.51  
 ELEV. = 933.24  
 STA. 133+36.65, 13.19' RT.
11. IPF CLAUS  
 N 722644.17, E 2183292.78  
 ELEV. = 939.26  
 STA. 138+16.28, 379.63' RT.
12. IPF CLAUS  
 N 722899.99, E 2182611.12  
 ELEV. = 933.75  
 STA. 135+18.01, 761.92' RT.

**BENCHMARKS:**

TBM-1 IPF CLAUS  
 ELEV. = 940.59

TBM-2 JOF BIEDENBACH  
 ELEV. = 967.32

Drawing Name: C:\2020\2021\1713\_New Concord\OH\1713\_13\_CD.dwg  
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REV. DATE DESCRIPTION  
 07/28/21



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

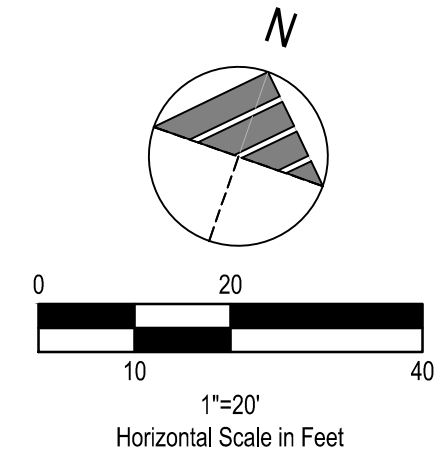
**GRADING PLAN**

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER
TD	CD

JOB NO.  
**2020117.13**

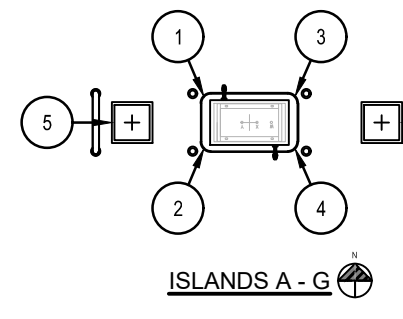
**C-121**





**LEGEND**

- 000 — PROPOSED CONTOUR
- XXX.XX± EXISTING SPOT ELEVATION
- XXXX.XX PROPOSED ELEVATION @ FINISHED GROUND ELEVATION
- T=XXX.XX TOP OF CURB ELEVATION
- B=XXX.XX BOTTOM OF CURB/FINISHED PAVEMENT ELEVATION
- XXXXXX± MATCH EXISTING ELEVATION
- %— PROPOSED DRAINAGE SLOPE & DIRECTION



ISLAND	1	2	3	4	5	6
A	T=948.93 B=948.56	T=948.93 B=948.56	T=948.93 B=948.51	T=948.93 B=948.51	948.61	948.46
B	T=948.93 B=948.56	T=948.93 B=948.56	T=948.93 B=948.51	T=948.93 B=948.51	948.61	948.46
C	T=948.93 B=948.56	T=948.93 B=948.56	T=948.93 B=948.51	T=948.93 B=948.51	948.61	948.46
D	T=948.93 B=948.56	T=948.93 B=948.56	T=948.93 B=948.51	T=948.93 B=948.51	948.61	948.46
E	T=948.93 B=948.56	T=948.93 B=948.56	T=948.93 B=948.51	T=948.93 B=948.51	948.61	948.46
F	T=948.93 B=948.56	T=948.93 B=948.56	T=948.93 B=948.51	T=948.93 B=948.51	948.61	948.46

**PLAN KEYNOTES**

- STORM**
- 102. PROPOSED 195 L.F. OF 18" (HDPE) STORM SEWER @ 5.00%.
  - 103. PROPOSED 218 L.F. OF 12" (HDPE) STORM SEWER @ 2.50%.
  - 104. PROPOSED 110 L.F. OF 12" (HDPE) STORM SEWER @ 1.14%.
  - 105. PROPOSED 147 L.F. OF 18" (HDPE) STORM SEWER @ 2.90%.
  - 106. PROPOSED 91 L.F. OF 12" (HDPE) STORM SEWER @ 1.00%.
  - 107. PROPOSED 88 L.F. OF 12" (HDPE) STORM SEWER @ 3.65%.
  - 108. PROPOSED 149 L.F. OF 15" (HDPE) STORM SEWER @ 0.70%.
  - 109. PROPOSED 225 L.F. OF 15" (HDPE) STORM SEWER @ 0.70%.
  - 120. PROPOSED 218 L.F. OF 15" (HDPE) STORM SEWER @ 0.70%.
  - 170. PROPOSED 27 L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
  - 171. PROPOSED YARD DRAIN WITH DOME GRATE, PROVIDE 12" (HDPE) STORM SEWER @ MIN. 2.0% TO WYE CONNECTION ON PROPOSED 15" STORM SEWER. SEE PROFILE FOR WYE INV. ELEVATION.

**STRUCTURE DETAILS**

STRUCT. ID	STRUCTURE DETAILS
ST B	PROPOSED 24"X36" CURB INLET (SEE SHEET C-502) RIM=948.35 4" FINGER DRAINS INV. (SW,SE,NE) = 944.85 INV. 18" (NW&E)=936.85 INV. 12" (S)=937.35
ST C	PROPOSED 24"X36" CURB INLET (SEE SHEET C-502) RIM=947.00 4" FINGER DRAINS INV. (NW,NE,SE) = 945.50 INV. 8" (NE)=943.25 INV. 12" (NW)=942.80
ST D	PROPOSED 24"X36" CURB INLET (SEE SHEET C-502) RIM=947.05 4" FINGER DRAINS INV. (N,E,W) = 945.55 INV. 12" (W)=944.05
ST E	PROPOSED 24"X36" CURB INLET (SEE SHEET C-502) RIM=947.00 4" FINGER DRAINS INV. (W,S,E) = 945.50 INV. 4" (NE)=941.30 INV. 12" (SE)=941.61 INV. 18" (W)=941.11
ST F	PROPOSED 48" STORM MANHOLE (SEE ODOT SC&M MH-1.2 (MANHOLE #3)) RIM=949.44 INV. 6" (W)=943.05 INV. 12" (NW,S)=942.52
ST G	PROPOSED 24"X36" CURB INLET (SEE SHEET C-502) RIM=947.85 4" FINGER DRAINS INV. (N,W,S) = 946.35 INV. 12" (N)=944.85
ST P	PROPOSED 48" STORM MANHOLE (SEE ODOT SC&M MH-1.2 (MANHOLE #3)) RIM=946.80 INV. 15" (SE)=940.27
ST R	PROPOSED 48" STORM MANHOLE (SEE ODOT SC&M MH-1.2 (MANHOLE #3)) RIM=951.55 INV. 15" (NW&E)=937.67

**BASIS FOR BEARING:**

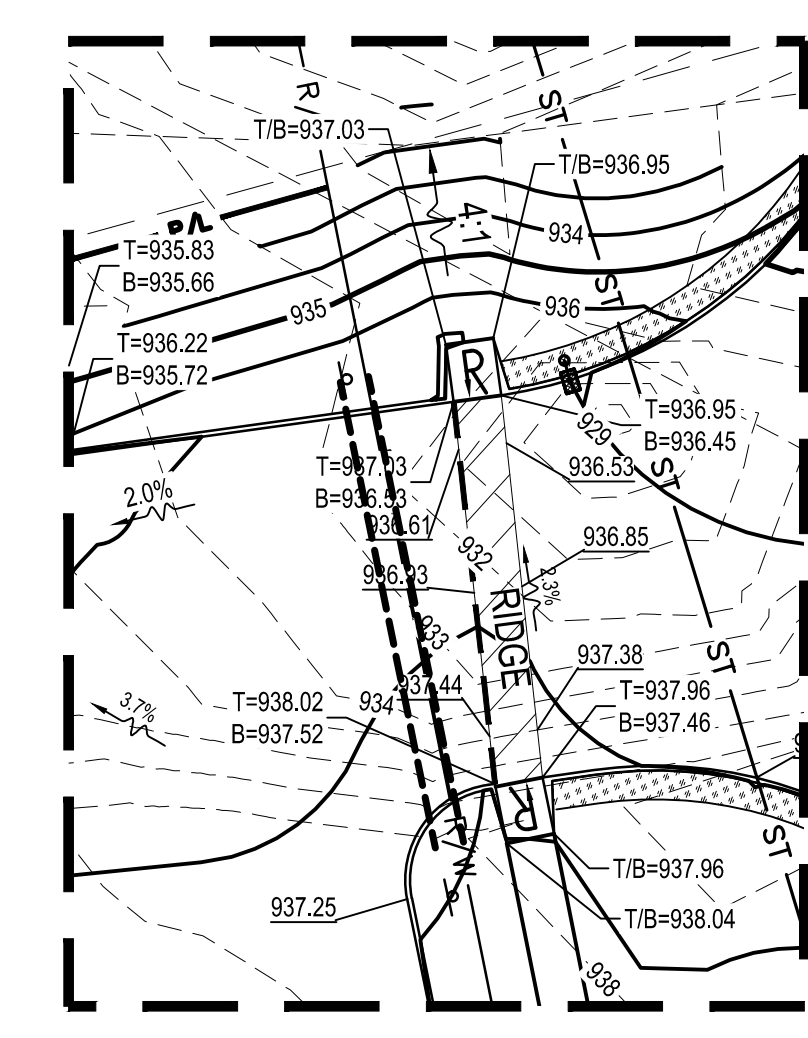
OHIO STATE PLANE COORDINATE SYSTEM, NAD 83 (2011), OHIO SOUTH ZONE. ELEVATIONS ARE NAVD 88

**CONTROL POINTS:**

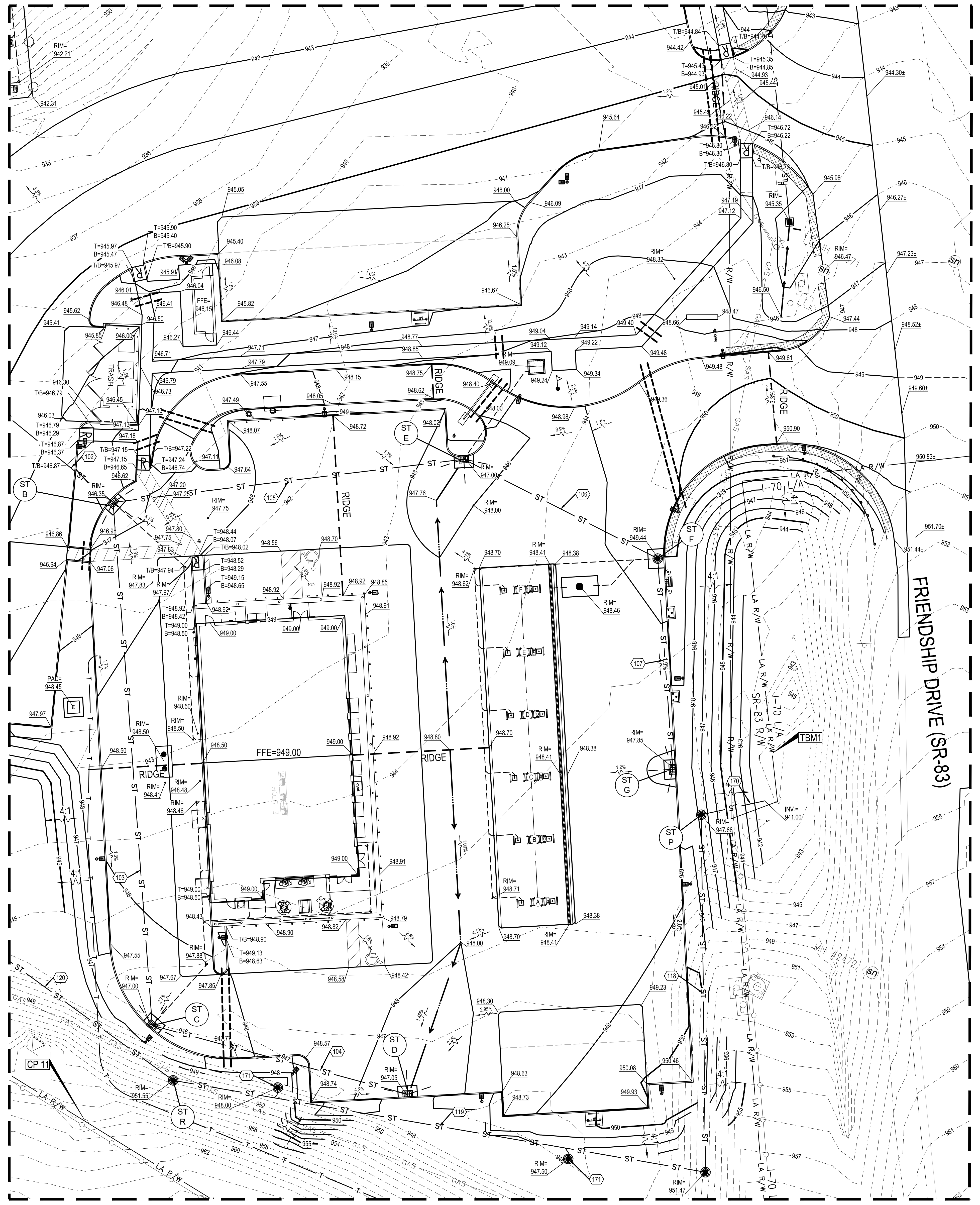
- 2. PKS N 723243.65, E 2183355.39  
ELEV. = 940.65  
STA. 133+04.70, 7.48' LT.
- 3. IPF BOWMAN N 723291.76, E 2183246.51  
ELEV. = 933.24  
STA. 133+36.65, 13.19' RT.
- 11. IPF CLAUS N 722844.17, E 2183292.76  
ELEV. = 950.25  
STA. 138+16.28, 379.63 RT.
- 12. IPF CLAUS N 722699.99, E 2182811.12  
ELEV. = 933.75  
STA. 135+18.01, 761.62 RT.

**BENCHMARKS:**

- TBM-1 IPF CLAUS  
ELEV. = 940.59
- TBM-2 IOF BIEDENBACH  
ELEV. = 957.32



**E5 GRADING ENLARGEMENT**  
1" = 20'



**A1 GRADING ENLARGEMENT**  
1" = 20'

DESCRIPTION

REV. DATE

07/28/21



NEW SHEETZ STORE  
 SOUTH FRIENDSHIP DR (SR-83)  
 NEW CONCORD, OH 43762

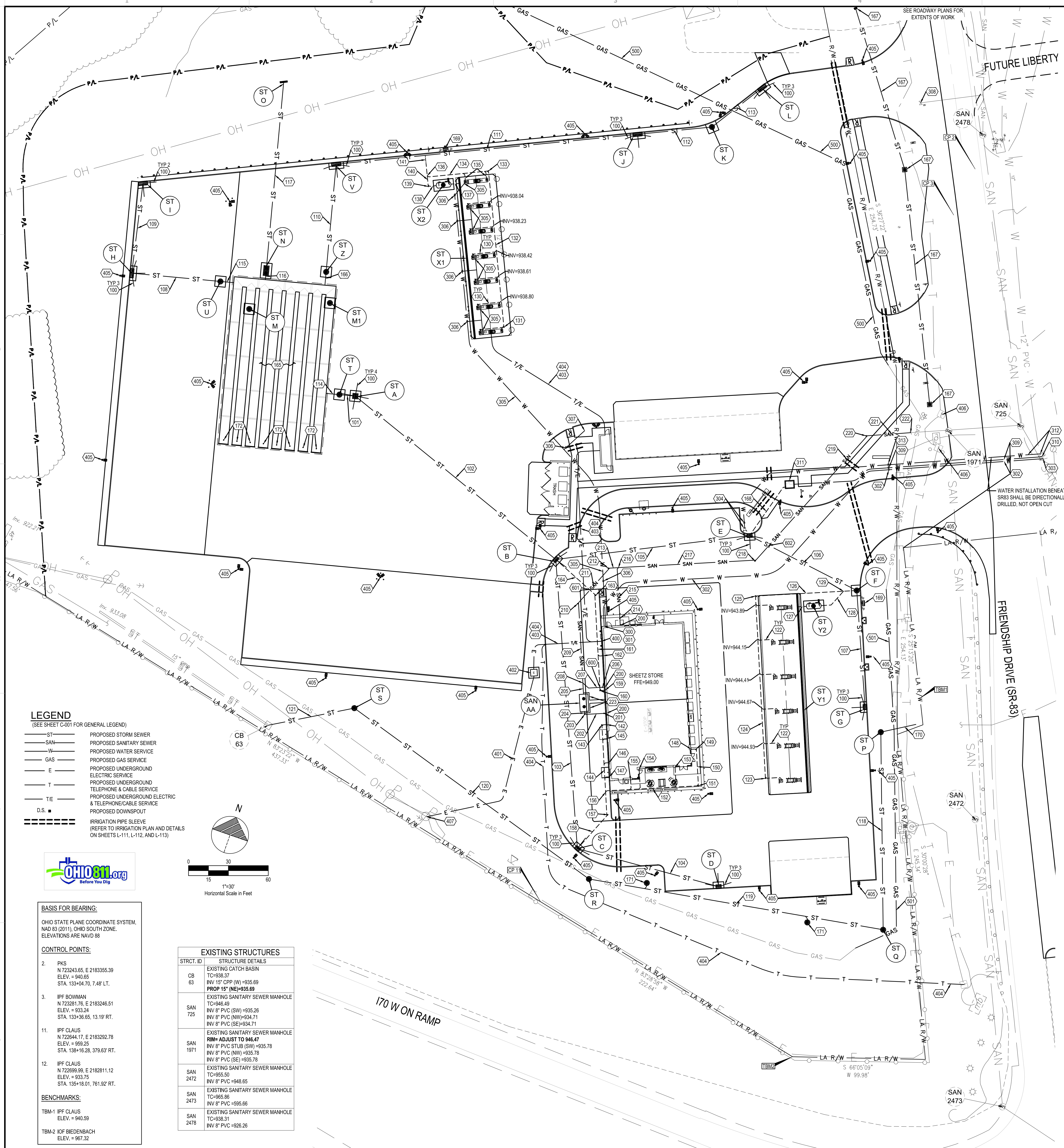
GRADING PLAN  
 ENLARGEMENT

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER
TD	CD

JOB NO.  
2020117.13

**C-122**





**PLAN KEYNOTES (mm)**

**STORM**

- 100. PROPOSED FINGER DRAINS, PER DETAIL ON SHEET C-502.
- 101. PROPOSED 12" L.F. OF 18" (HDPE) STORM SEWER @ 2.00%.
- 102. PROPOSED 165' L.F. OF 18" (HDPE) STORM SEWER @ 5.00%.
- 103. PROPOSED 210' L.F. OF 12" (HDPE) STORM SEWER @ 2.50%.
- 104. PROPOSED 110' L.F. OF 12" (HDPE) STORM SEWER @ 1.14%.
- 105. PROPOSED 147' L.F. OF 18" (HDPE) STORM SEWER @ 1.80%.
- 106. PROPOSED 81' L.F. OF 12" (HDPE) STORM SEWER @ 1.00%.
- 107. PROPOSED 88' L.F. OF 12" (HDPE) STORM SEWER @ 2.65%.
- 108. PROPOSED 67' L.F. OF 24" (HDPE) STORM SEWER @ 4.00%.
- 109. PROPOSED 88' L.F. OF 18" (HDPE) STORM SEWER @ 1.28%.
- 110. PROPOSED 81' L.F. OF 24" (HDPE) STORM SEWER @ 2.51%.
- 111. PROPOSED 228' L.F. OF 24" (HDPE) STORM SEWER @ 1.00%.
- 112. PROPOSED 58' L.F. OF 18" (HDPE) STORM SEWER @ 1.00%.
- 113. PROPOSED 88' L.F. OF 18" (HDPE) STORM SEWER @ 1.21%.
- 114. PROPOSED 10' L.F. OF 18" (HDPE) STORM SEWER @ 5.00%.
- 115. PROPOSED 10' L.F. OF 24" (HDPE) STORM SEWER @ 5.00%.
- 116. PROPOSED 5' L.F. OF 24" (HDPE) STORM SEWER @ 0.00%.
- 117. PROPOSED 140' L.F. OF 18" (HDPE) STORM SEWER @ 12.00%.
- 118. PROPOSED 149' L.F. OF 15" (HDPE) STORM SEWER @ 0.70%.
- 119. PROPOSED 225' L.F. OF 15" (HDPE) STORM SEWER @ 0.70%.
- 120. PROPOSED 218' L.F. OF 15" (HDPE) STORM SEWER @ 0.70%.
- 121. PROPOSED 88' L.F. OF 18" (HDPE) STORM SEWER @ 0.70%.
- 122. PROPOSED 14' L.F. OF 6" (PVC) STORM SEWER WITH WYE @ 1.00% MIN (TYP OF 6). SEE DETAIL ON SHEET C-502.
- 123. PROPOSED STORM CLEANOUT AND WYE CONNECTION, INV=945.19. SEE DETAIL ON SHEET C-502.
- 124. PROPOSED 138' L.F. OF 6" (PVC) STORM SEWER @ 1.0%.
- 125. PROPOSED STORM CLEANOUT AND WYE CONNECTION, INV=943.83. SEE DETAIL ON SHEET C-502.
- 126. PROPOSED 78' L.F. OF 6" (PVC) STORM SEWER @ 1.0% MIN.
- 127. PROPOSED 6' L.F. OF 6" (PVC) STORM SEWER @ 2.0% MIN.
- 128. PROPOSED 21' L.F. OF 6" (PVC) STORM SEWER @ 2.2% MIN.
- 129. PROPOSED WYE CONNECTION, INV=943.17. SEE DETAIL ON SHEET C-502.
- 130. PROPOSED 18' L.F. OF 6" (PVC) STORM SEWER WITH CLEANOUT AND WYE (TYP 2) @ 1.00% MIN (TYP OF 6). SEE DETAIL ON SHEET C-502.
- 131. PROPOSED STORM CLEANOUT AND WYE CONNECTION, INV=938.82. SEE DETAIL ON SHEET C-502.
- 132. PROPOSED 118' L.F. OF 6" (PVC) STORM SEWER @ 1.0%.
- 133. PROPOSED STORM CLEANOUT AND WYE CONNECTION, INV=937.82. SEE DETAIL ON SHEET C-502.
- 134. PROPOSED 47' L.F. OF 6" (PVC) STORM SEWER @ 1.0%.
- 135. PROPOSED 7' L.F. OF 6" (PVC) STORM SEWER WITH WYE @ 1.0% MIN (TYP OF 2). SEE DETAIL ON SHEET C-502.
- 136. PROPOSED WYE CONNECTION, INV=937.35. SEE DETAIL ON SHEET C-502.
- 137. PROPOSED 17' L.F. OF 6" (PVC) STORM SEWER @ 1.0%.
- 138. PROPOSED 6' L.F. OF 6" (PVC) STORM SEWER @ 1.0%.
- 139. PROPOSED STORM CLEANOUT AND WYE CONNECTION, INV=937.43. SEE DETAIL ON SHEET C-502.
- 140. PROPOSED 17' L.F. OF 6" (PVC) STORM SEWER @ 1.0%.
- 141. PROPOSED 10' L.F. OF 6" SEWER RISER FROM INV=937.26 TO CONNECTION (INV=930.35) TO 24" HDPE (INV=928.85).
- 142. PROPOSED 4' L.F. OF 6" (PVC) @ 1.5% TO BUILDING INV=946.00.
- 143. PROPOSED STORM CLEANOUT AND WYE CONNECTION, INV=945.93. SEE DETAIL ON SHEET C-502.
- 144. PROPOSED 68' L.F. OF 6" (PVC) STORM SEWER @ 1.9%.
- 145. PROPOSED 4' L.F. OF 6" (PVC) @ 1.5% TO BUILDING INV=946.00.
- 146. PROPOSED 4' L.F. OF 6" (PVC) @ 15.8% AND WYE (INV=945.37) TO BUILDING INV=946.00. SEE DETAIL ON SHEET C-502.
- 147. PROPOSED 4' L.F. OF 6" (PVC) @ 20.8% AND WYE (INV=945.17) TO BUILDING INV=946.00. SEE DETAIL ON SHEET C-502.
- 148. PROPOSED 4' L.F. OF 6" (PVC) @ 1.0% TO BUILDING INV=946.00. SEE DETAIL ON SHEET C-502.
- 149. PROPOSED STORM CLEANOUT AND WYE CONNECTION, INV=945.96. SEE DETAIL ON SHEET C-502.
- 150. PROPOSED 28' L.F. OF 6" (PVC) STORM SEWER @ 1.0%.
- 151. PROPOSED STORM CLEANOUT AND WYE CONNECTION, INV=945.69. SEE DETAIL ON SHEET C-502.
- 152. PROPOSED 17' L.F. OF 6" (PVC) STORM SEWER @ 1.0%.
- 153. PROPOSED 15' L.F. OF 6" (PVC) @ 3.2% AND WYE (INV=945.51) TO BUILDING INV=946.00. SEE DETAIL ON SHEET C-502.
- 154. PROPOSED 15' L.F. OF 6" (PVC) @ 5.0% AND WYE (INV=945.24) TO BUILDING INV=946.00. SEE DETAIL ON SHEET C-502.
- 155. PROPOSED 8' L.F. OF 6" (PVC) @ 11.1% AND WYE (INV=945.17) TO BUILDING INV=946.00. SEE DETAIL ON SHEET C-502.
- 156. PROPOSED WYE CONNECTION, INV=944.96. SEE DETAIL ON SHEET C-502.
- 157. PROPOSED STORM CLEANOUT AND WYE CONNECTION, INV=943.59. SEE DETAIL ON SHEET C-502.
- 158. PROPOSED 33' L.F. OF 6" (PVC) STORM SEWER @ 1.0%.
- 159. PROPOSED 4' L.F. OF 6" (PVC) @ 1.9% TO BUILDING INV=946.00.
- 160. PROPOSED STORM CLEANOUT AND WYE CONNECTION, INV=945.93. SEE DETAIL ON SHEET C-502.
- 161. PROPOSED 72' L.F. OF 6" (PVC) STORM SEWER @ 1.7%.
- 162. PROPOSED 4' L.F. OF 6" (PVC) @ 1.3% AND WYE (INV=945.43) TO BUILDING INV=946.00. SEE DETAIL ON SHEET C-502.
- 163. PROPOSED STORM CLEANOUT AND WYE CONNECTION, INV=944.58. SEE DETAIL ON SHEET C-502.
- 164. PROPOSED 40' L.F. OF 6" (PVC) STORM SEWER @ 1.0%.
- 165. PROPOSED 84" CONTECH UNDERGROUND STORAGE CHAMBERS. SEE DETAIL ON SHEET CR-134.
- 166. PROPOSED 10' L.F. OF 24" (HDPE) STORM SEWER @ 2.51%.
- 167. PROPOSED RW STORM STRUCTURE AND PIPES. SEE ROADWAY PLANS FOR EXTENTS OF WORK, SPECIFICATIONS, & DETAIL.
- 168. PROPOSED 46' L.F. OF 4" PVC METER VAULT DRAIN @ 1.0%.
- 169. PROPOSED OIL/WATER VENT PAD.
- 170. PROPOSED 17' L.F. OF 15" (HDPE) STORM SEWER @ 2.7%.
- 171. PROPOSED NYLOPLST YARD DRAIN WITH DOMED GRATE. PROVIDE 12" (HDPE) STORM SEWER @ MIN. 2.0% TO WYE CONNECTION ON PROPOSED 15" STORM SEWER. SEE PROFILE FOR WYE IN ELEVATION.
- 172. PROPOSED 4" INSPECTOR RISER PER CONTECH DETAILS AND SPECIFICATIONS.

**SANITARY**

- 200. PROPOSED SANITARY CONNECTION, INV=944.83 (TYP 3).
- 201. PROPOSED SANITARY CLEAN OUT, INV=945.19. SEE SHEET C-502.
- 202. PROPOSED 17' L.F. OF 4" (PVC) SANITARY SEWER @ 2.0%.
- 203. PROPOSED SANITARY CLEAN OUT & WYE, INV=944.50. SEE SHEET C-502.
- 204. PROPOSED 2' L.F. OF 4" (PVC) SANITARY SEWER @ 2.0%.
- 205. PROPOSED 18' L.F. OF 4" (PVC) SANITARY SEWER @ 2.0%.
- 206. PROPOSED SANITARY CLEAN OUT, INV=944.74. SEE SHEET C-502.
- 207. PROPOSED 18' L.F. OF 4" (PVC) SANITARY SEWER @ 4.4%.
- 208. PROPOSED SANITARY WYE AND 4" TO 6" REDUCER, 4" INV=944.03, 6" INV=943.95. SEE DETAIL ON SHEET C-502.
- 209. PROPOSED 61' L.F. OF 6" (PVC) SANITARY SEWER @ 2.0%.
- 210. PROPOSED SANITARY CLEAN OUT & WYE, INV=942.74. SEE SHEET C-502.
- 211. PROPOSED 38' L.F. OF 4" (PVC) SANITARY SEWER @ 2.0%.
- 212. PROPOSED SANITARY CLEAN OUT & WYE, INV=942.04. SEE SHEET C-502.
- 213. PROPOSED 8' L.F. OF 6" (PVC) SANITARY SEWER @ 2.0%.
- 214. PROPOSED SANITARY CLEAN OUT, INV=944.46. SEE SHEET C-502.
- 215. PROPOSED 44' L.F. OF 6" (PVC) SANITARY SEWER @ 5.7%.
- 216. PROPOSED SANITARY WYE, INV=941.91. SEE DETAIL ON SHEET C-502.
- 217. PROPOSED 104' L.F. OF 6" (PVC) SANITARY SEWER @ 2.0%.
- 218. PROPOSED SANITARY CLEAN OUT & WYE, INV=939.84. SEE SHEET C-502.
- 219. PROPOSED 127' L.F. OF 6" (PVC) SANITARY SEWER @ 2.0%.
- 220. PROPOSED SANITARY CLEAN OUT & WYE, INV=937.33. SEE SHEET C-502.
- 221. PROPOSED 34' L.F. OF 6" (PVC) SANITARY SEWER @ 2.7%.
- 222. PROPOSED FERNCO COUPLING, CONNECTION PROPOSED 6" PVC TO EXISTING 8" PVC, INV=938.35.
- 223. PROPOSED 26' L.F. (TOTAL) OF 3" (PVC) VENT PIPE.

**WATER**

- 300. PROPOSED WATER CONNECTION, COORDINATE WITH PLUMBING PLANS.
- 301. PROPOSED 2" WATER METER AND BACKFLOW PREVENTOR INSIDE BUILDING PER VILLAGE OF NEW CONCORD STANDARDS AND SPECIFICATIONS. BACKFLOW PREVENTOR SHALL BE LOCATED AFTER THE METER. PROVIDE DUCT METER FOR 2" SERVICE LINE TO DIESEL AREA HYDRANTS.
- 302. PROPOSED 386' L.F. 2" (PEX) WATER SERVICE LINE WITH CURB STOP AND VALVE AT PROPERTY LINE, PER VILLAGE OF NEW CONCORD STANDARDS AND SPECIFICATIONS.
- 303. PROPOSED 2" WATER SERVICE TAP PER VILLAGE OF NEW CONCORD STANDARDS AND SPECIFICATIONS. (BY VILLAGE).
- 304. PROPOSED FIRE HYDRANT AND VALVE PER VILLAGE OF NEW CONCORD STANDARDS AND SPECIFICATIONS.
- 305. PROPOSED 170' L.F. 2" (PEX) WATER SERVICE LINE.
- 306. PROPOSED 2" WATER VALVE.
- 307. PROPOSED 2" YARD HYDRANT.
- 308. ADJUST WATER VALVE RIM TO PROPOSED GRADE AS NECESSARY. NEW RIM SHALL BE TRAFFIC RATED.
- 309. PROPOSED 190' L.F. 1" (PEX) IRRIGATION SERVICE LINE WITH CURB STOP AND VALVE, PER VILLAGE OF NEW CONCORD STANDARDS AND SPECIFICATIONS. AT PROPERTY LINE.
- 310. PROPOSED 1" IRRIGATION SERVICE TAP PER VILLAGE OF NEW CONCORD STANDARDS AND SPECIFICATIONS. (BY VILLAGE).
- 311. PROPOSED UNDERGROUND IRRIGATION METER PIT WITH 1" METER AND BACKFLOW PREVENTOR. NOTE: BACKFLOW PREVENTORS ARE NOT ACCEPTED BY THE WATER AUTHORITY FOR UNDERGROUND APPLICATIONS. CONTRACTOR SHALL PROVIDE SHOP DRAWING FOR REVIEW OF PROPOSED VAULT, SUITABLE TO ACCOMMODATE IRRIGATION SERVICE, BACKFLOW, AND METER.
- 312. PROPOSED 12"x6" HYDRANT LEAD SERVICE TAP AND 255' L.F. OF 6" PVC C800 WATER LINE. (BY SHEET CONTRACTOR)
- 313. PROPOSED 6" WATER VALVE.

**ELECTRIC AND COMMUNICATIONS**

- 400. PROPOSED ELECTRIC METER PER ELECTRIC COMPANY SPECIFICATIONS. SEE BUILDING DRAWINGS FOR EXACT LOCATION.
- 401. ELECTRIC SERVICE LINE TO BE COORDINATED WITH THE ELECTRIC COMPANY.
- 402. PROPOSED PRIMARY ELECTRIC SERVICE CONNECTION TO BE COORDINATED WITH THE UTILITY COMPANY.
- 403. PROPOSED ELECTRICAL TRANSFORMER PER ELECTRICAL COMPANY SPECIFICATIONS. G.C. TO VERIFY EXACT LOCATION AND SIZE WITH UTILITY ENGINEER.
- 404. PROPOSED SECONDARY ELECTRIC SERVICE CONNECTION. (BY SHEET)
- 405. PROPOSED TELECOMMUNICATIONS SERVICE LINE. CONTRACTOR TO COORDINATE TELECOMMUNICATIONS SERVICE WITH SHEET IT DEPARTMENT AND SHEET Z CONSTRUCTION MANAGER.
- 406. PROPOSED LIGHT POLE. SEE SHEET CR-504 & C-701 FOR SPECIFICATIONS. POLES TO BE PAINTED BLACK.
- 407. ADJUST TELECOMM PEDESTAL TO PROPOSED GRADE AS NECESSARY.
- 408. PROPOSED PRIMARY ELECTRIC SERVICE DROP. COORDINATE WITH SERVICE PROVIDER.

**GAS**

- 500. PROPOSED 482' L.F. OF EXISTING 1" GAS LINE TO BE REMOVED, BY OTHERS.
- 501. PROPOSED 290' L.F. OF EXISTING 1" GAS LINE TO BE REMOVED, BY OTHERS.

**UTILITY CROSSINGS**

- 600. PROPOSED UTILITY CROSSING: 6" STORM SEWER INV=945.69, 6" SANITARY INV=944.65.
- 601. PROPOSED UTILITY CROSSING: 6" STORM SEWER INV=944.49, 6" SANITARY INV=942.57.
- 602. PROPOSED UTILITY CROSSING: 12" STORM SEWER INV=941.78, 6" SANITARY INV=939.62.

**GENERAL UTILITY NOTE:**

SEE SHEET C-501 FOR DIVISION OF CONSTRUCTION RESPONSIBILITIES BETWEEN SHEET SITE CONTRACTOR AND UTILITY PROVIDER.

**LEGEND**  
(SEE SHEET C-001 FOR GENERAL LEGEND)

- ST PROPOSED STORM SEWER
- SAN PROPOSED SANITARY SEWER
- W PROPOSED WATER SERVICE
- GAS PROPOSED GAS SERVICE
- E PROPOSED UNDERGROUND ELECTRIC SERVICE
- T PROPOSED UNDERGROUND TELEPHONE & CABLE SERVICE
- TE PROPOSED UNDERGROUND ELECTRIC & TELEPHONE/CABLE SERVICE
- D.S. PROPOSED DOWNSPOUT
- IRRI IRRIGATION PIPE SLEEVE (REFER TO IRRIGATION PLAN AND DETAILS ON SHEETS L-111, L-112, AND L-113)



**BASIS FOR BEARING:**  
OHIO STATE PLANE COORDINATE SYSTEM, NAD 83 (2011), OHIO SOUTH ZONE. ELEVATIONS ARE NAVD 83

- CONTROL POINTS:**
- 2. PK5 N 723243.65, E 2183355.39  
ELEV. = 940.65  
STA. 133+04.70, 7.48' LT.
  - 3. IPF BOWMAN N 723281.76, E 2183246.51  
ELEV. = 933.24  
STA. 133+36.85, 13.19' RT.
  - 11. IPF CLAVIS N 722644.17, E 2183292.78  
ELEV. = 899.25  
STA. 138+16.28, 379.63' RT.
  - 12. IPF CLAVIS N 722699.89, E 2182811.12  
ELEV. = 933.75  
STA. 135+18.01, 761.92' RT.
- BENCHMARKS:**
- TBM-1 IPF CLAVIS ELEV. = 940.59
  - TBM-2 JOF BIEDENBACH ELEV. = 967.32

STRUCT. ID	STRUCTURE DETAILS	EXISTING STRUCTURES
CB	TC=938.37 INV 15' CPP (W) = 935.69 PROP 15' (NE)=935.69	EXISTING CATCH BASIN
CB 63	TC=946.49 INV 8" PVC (SW) = 935.26 INV 8" PVC (NW)=934.71 INV 8" PVC (SE)=934.71	EXISTING SANITARY SEWER MANHOLE
725	TC=946.49 INV 8" PVC (SW) = 935.26 INV 8" PVC (NW)=934.71 INV 8" PVC (SE)=934.71	EXISTING SANITARY SEWER MANHOLE
1971	TC=955.50 INV 8" PVC (SW) = 945.65 INV 8" PVC (SE)=935.78	EXISTING SANITARY SEWER MANHOLE
2472	TC=955.50 INV 8" PVC (SW) = 945.65 INV 8" PVC (SE)=935.78	EXISTING SANITARY SEWER MANHOLE
2473	TC=955.50 INV 8" PVC (SW) = 945.65 INV 8" PVC (SE)=935.78	EXISTING SANITARY SEWER MANHOLE
2478	TC=938.31 INV 8" PVC = 926.26	EXISTING SANITARY SEWER MANHOLE

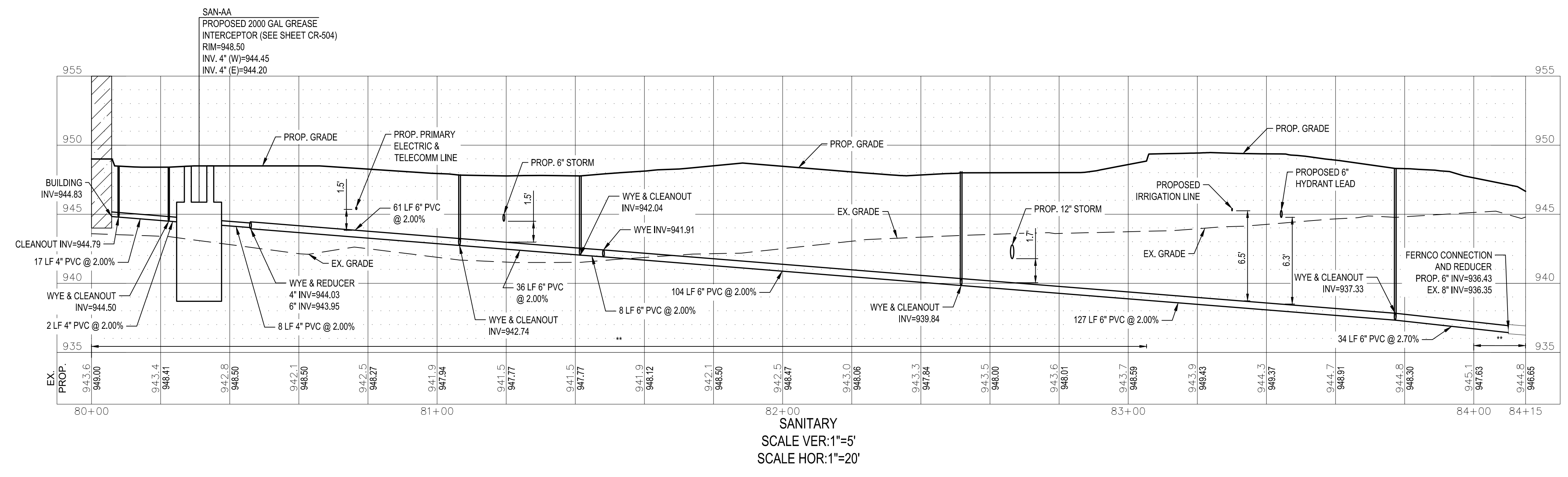
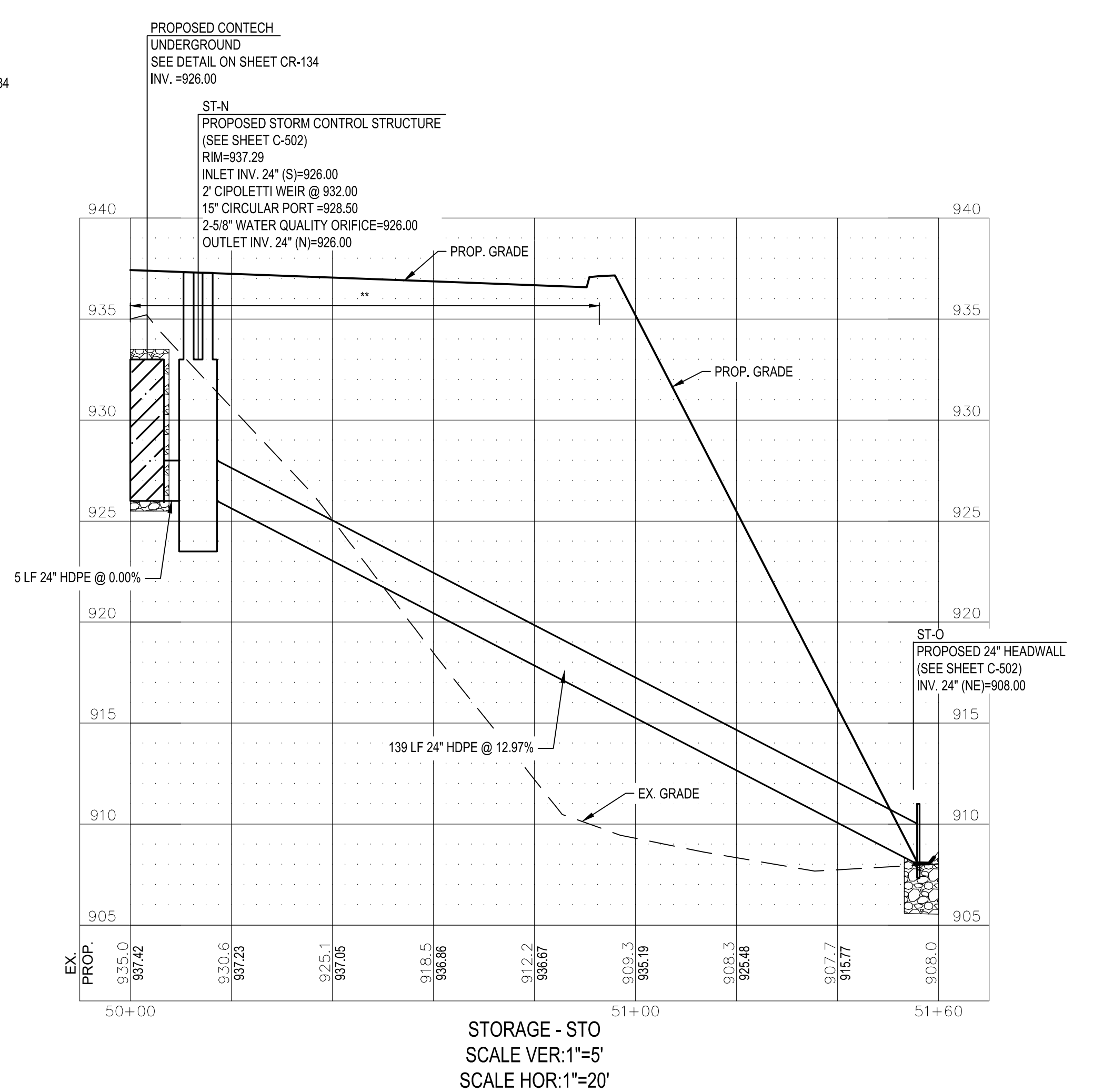
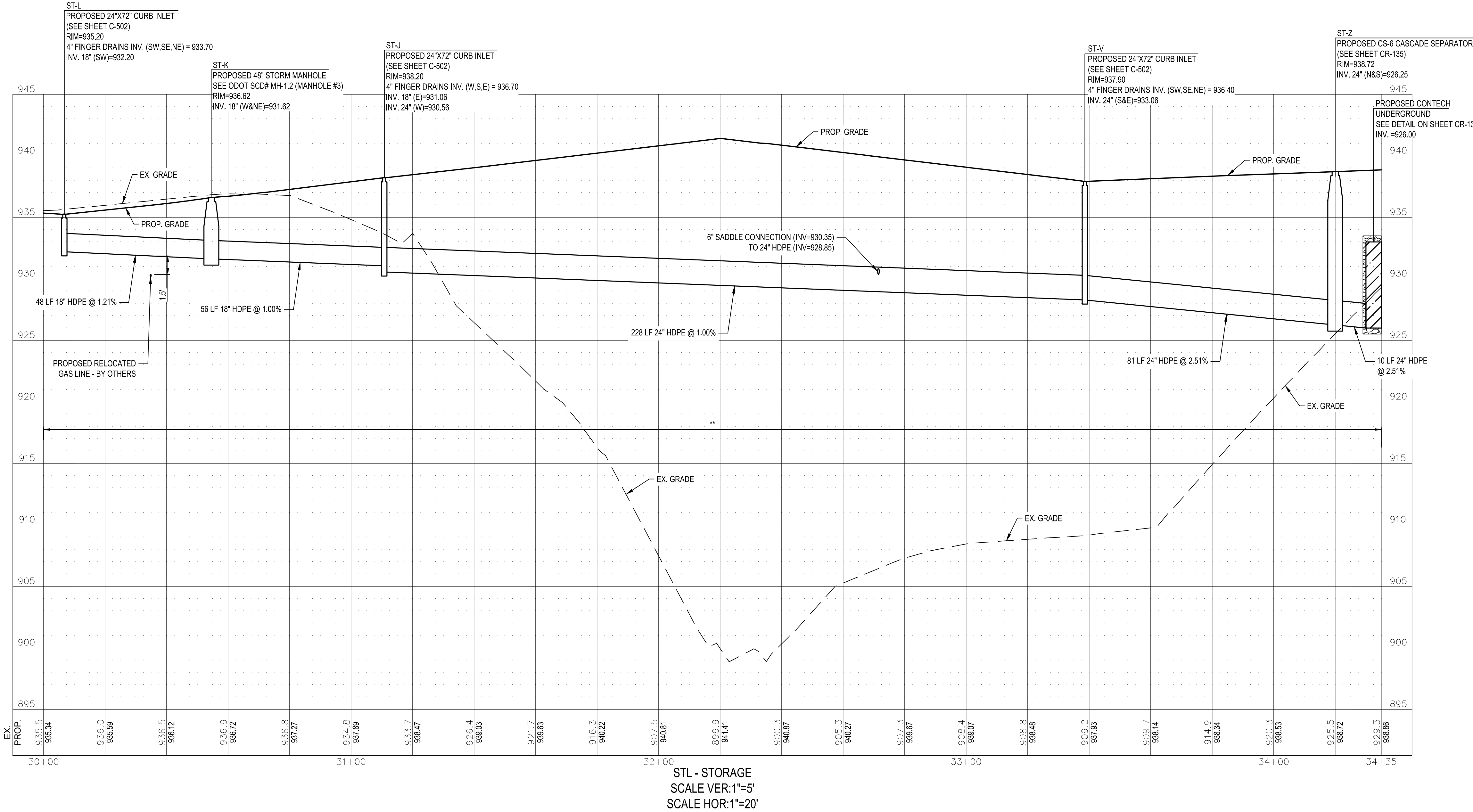
PROPOSED STRUCTURES			
STRUCT. ID	STRUCTURE DETAILS	STRUCT. ID	STRUCTURE DETAILS
ST A	PROPOSED 3X3 CATCH BASIN (SEE SHEET C-502) RIM=940.50 4" FINGER DRAINS INV. (N,S,E,W) = 937.25 INV. 18" (W)=937.10 INV. 24" (W)=936.50	ST J	PROPOSED 24"x72" CURB INLET (SEE SHEET C-502) RIM=938.20 4" FINGER DRAINS INV. (W,S,E) = 936.70 INV. 18" (W)=931.06 INV. 24" (W)=930.56
ST B	PROPOSED 24"x36" CURB INLET (SEE SHEET C-502) RIM=946.35 4" FINGER DRAINS INV. (SW,SE,NE) = 944.85 INV. 18" (NW)=936.65 INV. 12" (S)=937.35	ST K	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=938.62 INV. 18" (W)=931.62
ST C	PROPOSED 24"x36" CURB INLET (SEE SHEET C-502) RIM=947.00 4" FINGER DRAINS INV. (NW,NE,SE) = 945.50 INV. 6" (NE)=943.25 INV. 12" (NE)=942.80	ST L	PROPOSED 24"x72" CURB INLET (SEE SHEET C-502) RIM=935.20 4" FINGER DRAINS INV. (SW,SE,NE) = 933.70 INV. 18" (SW)=932.20
ST D	PROPOSED 24"x36" CURB INLET (SEE SHEET C-502) RIM=947.00 4" FINGER DRAINS INV. (W,S,E) = 945.50 INV. 4" (NE)=941.39 INV. 12" (SE)=941.61 INV. 18" (W)=941.11	ST M	PROPOSED 36" ACCESS RISER WITH EIJV V-4636 SOLID COVER ON FRAME. (SEE SHEET CR-134 FOR REFERENCE) RIM=937.35 CHAMBER BOTTOM=926.00
ST E	PROPOSED 24"x36" CURB INLET (SEE SHEET C-502) RIM=947.00 4" FINGER DRAINS INV. (W,S,E) = 945.50 INV. 4" (NE)=941.39 INV. 12" (SE)=941.61 INV. 18" (W)=941.11	ST N	PROPOSED 24"x72" CURB INLET (SEE SHEET C-502) RIM=937.29 INLET INV 24" (S)=926.00 3" WEIR @ 933.00 2" WEIR @ 931.25 18" CIRCULAR PORT =928.50 2-SIF WATER QUALITY DRIFTCO=926.00 OUTLET INV. 24" (N)=926.00
ST F	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=949.44 INV. 6" (W)=943.05 INV. 12" (NW)=942.52	ST O	PROPOSED 24" HEADWALL (SEE SHEET C-502) INV. 24" (NE)=809.15
ST G	PROPOSED 24"x36" CURB INLET (SEE SHEET C-502) RIM=947.00 4" FINGER DRAINS INV. (N,W,S) = 946.35 INV. 12" (N)=944.85	ST P	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=946.60 INV. 15" (S)=940.27
ST H	PROPOSED 24"x72" CURB INLET (SEE SHEET C-502) RIM=947.00 4" FINGER DRAINS INV. (N,E,S) = 933.20 INV. 18" (W)=929.68 INV. 24" (E)=929.18	ST Q	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=946.60 INV. 15" (S)=940.27
ST I	PROPOSED 24"x72" CURB INLET (SEE SHEET C-502) RIM=933.55 4" FINGER DRAINS INV. (S,E) = 932.05 INV. 18" (S)=930.55	ST R	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST S	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST T	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST U	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST V	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST W	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST X	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST Y	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST Z	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AA	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AB	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AC	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AD	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AE	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AF	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AG	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AH	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AI	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AJ	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AK	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AL	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AM	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AN	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AO	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AP	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AQ	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AR	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AS	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AT	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AU	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AV	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AW	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AX	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AY	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=939.23
		ST AZ	PROPOSED 48" STORM MANHOLE (SEE SHEET C-502) RIM=941.42 INV. 15" (W)=93



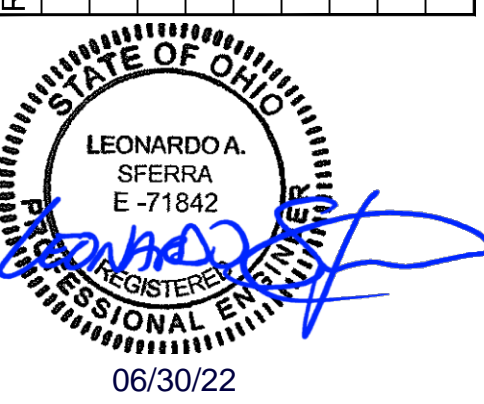




\*\* LOCATION OF GRANULAR BACKFILL TO BE USED IN LOCATIONS INDICATED ON PROFILE.



REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

**UTILITY PROFILES**

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

JOB NO.  
**2020117.13**

**C-133**









































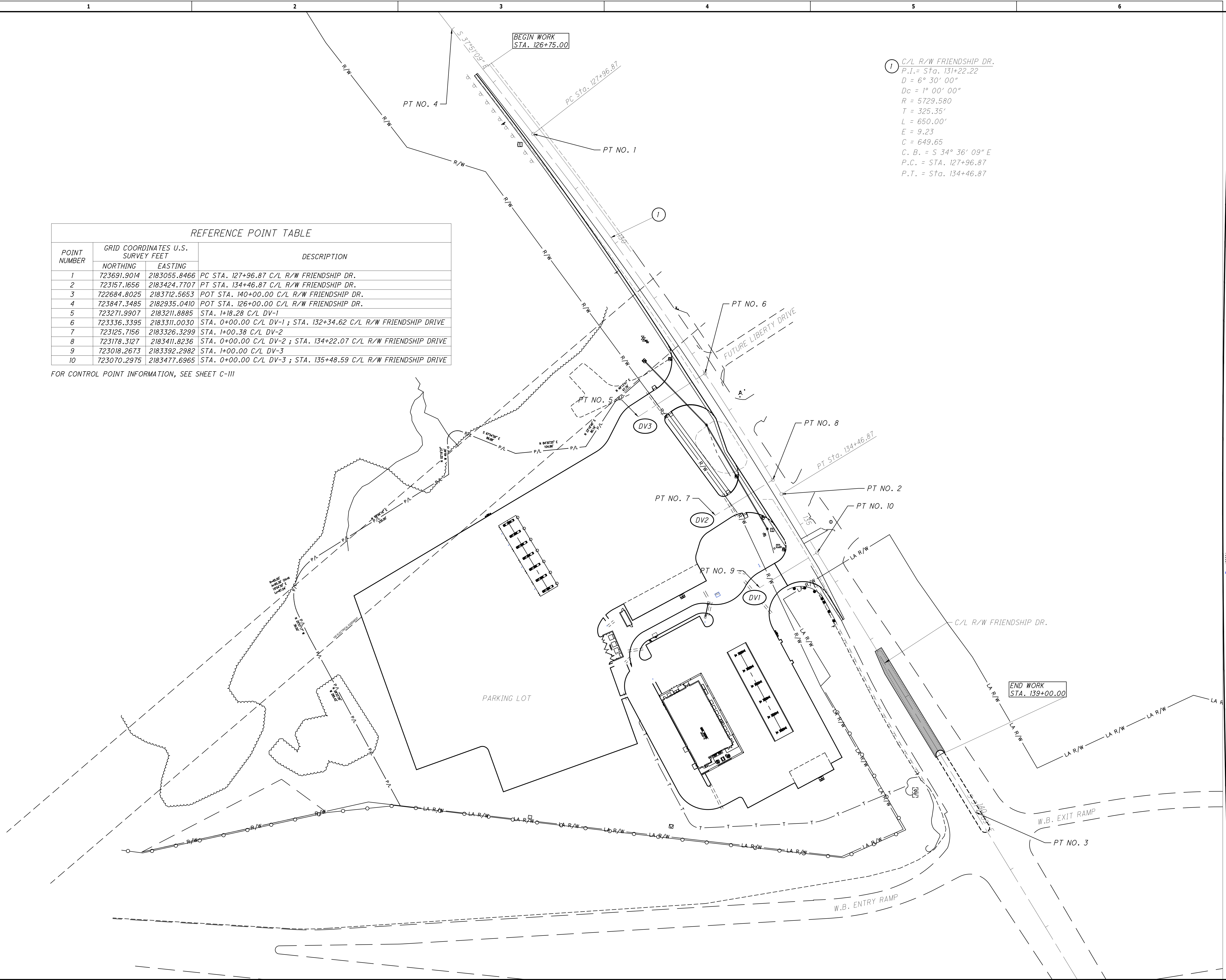




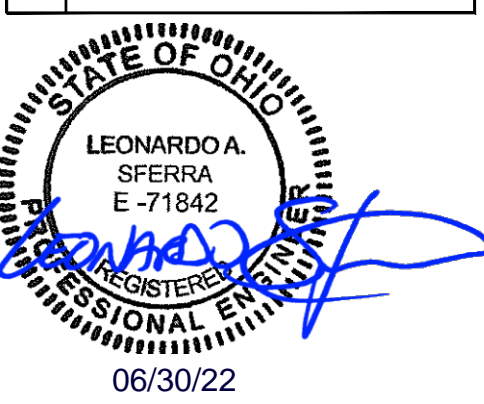
① C/L R/W FRIENDSHIP DR.  
 P.I. = Sta. 131+22.22  
 D = 6° 30' 00"  
 Dc = 1° 00' 00"  
 R = 5729.580  
 T = 325.35'  
 L = 650.00'  
 E = 9.23  
 C = 649.65  
 C. B. = S 34° 36' 09" E  
 P.C. = STA. 127+96.87  
 P.T. = Sta. 134+46.87

REFERENCE POINT TABLE			
POINT NUMBER	GRID COORDINATES U.S. SURVEY FEET		DESCRIPTION
	NORTHING	EASTING	
1	723691.9014	2183055.8466	PC STA. 127+96.87 C/L R/W FRIENDSHIP DR.
2	723157.1656	2183424.7707	PT STA. 134+46.87 C/L R/W FRIENDSHIP DR.
3	722684.8025	2183712.5653	POT STA. 140+00.00 C/L R/W FRIENDSHIP DR.
4	723847.3485	2182935.0410	POT STA. 126+00.00 C/L R/W FRIENDSHIP DR.
5	723271.9907	2183211.8885	STA. 1+18.28 C/L DV-1
6	723336.3395	2183311.0030	STA. 0+00.00 C/L DV-1 ; STA. 132+34.62 C/L R/W FRIENDSHIP DRIVE
7	723125.7156	2183326.3299	STA. 1+00.38 C/L DV-2
8	723178.3127	2183411.8236	STA. 0+00.00 C/L DV-2 ; STA. 134+22.07 C/L R/W FRIENDSHIP DRIVE
9	723018.2673	2183392.2982	STA. 1+00.00 C/L DV-3
10	723070.2975	2183477.6965	STA. 0+00.00 C/L DV-3 ; STA. 135+48.59 C/L R/W FRIENDSHIP DRIVE

FOR CONTROL POINT INFORMATION, SEE SHEET C-III



REV.	DATE	DESCRIPTION



ISSUED FOR:  
 PERMIT  
 BID  
 CONSTRUCTION  
 RECORD

PROJECT MANAGER: \_\_\_\_\_ DESIGNER: \_\_\_\_\_

NEW SHEETZ STORE  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

SCHEMATIC PLAN

PROJECT MANAGER	DESIGNER

JOB NO.  
 2020117.13

**C-800**

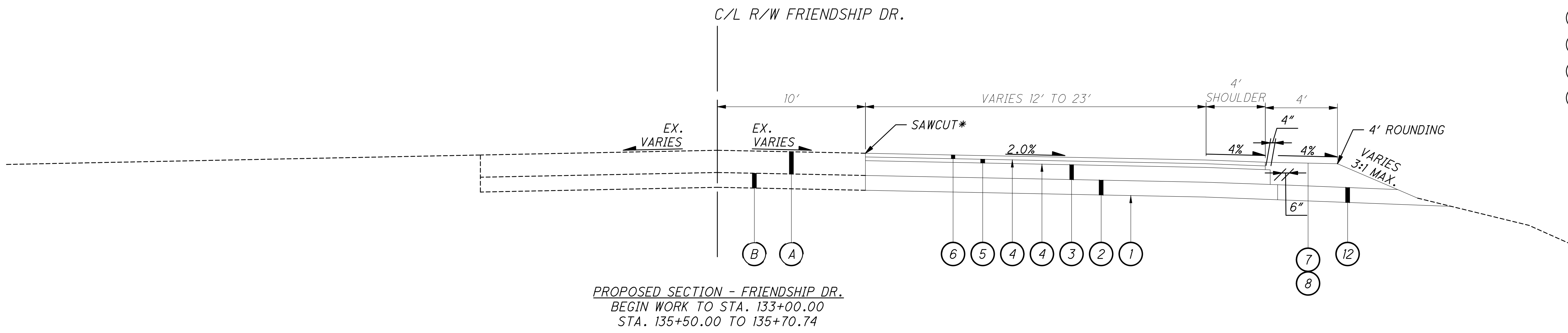
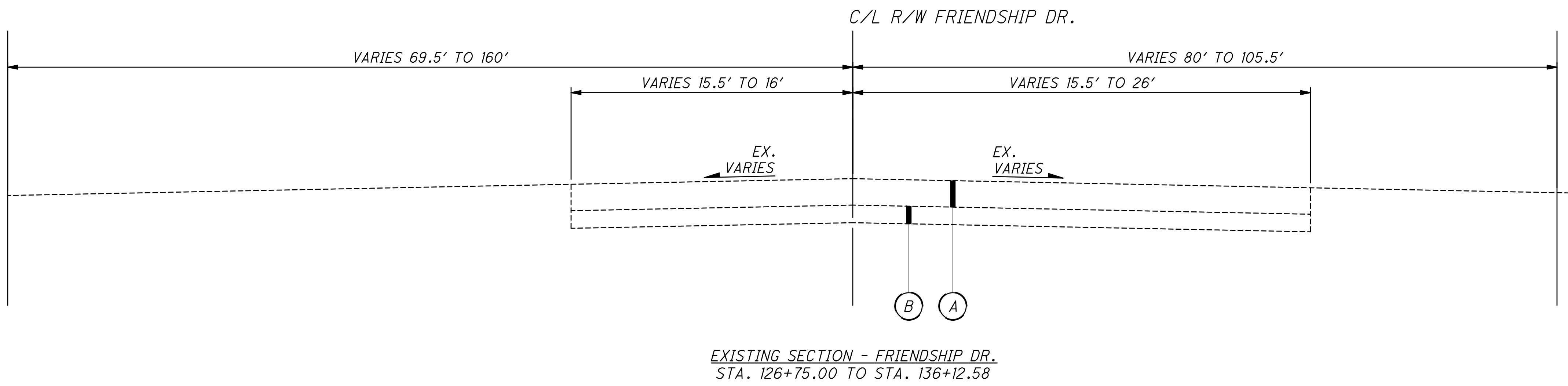


**EXISTING LEGEND**

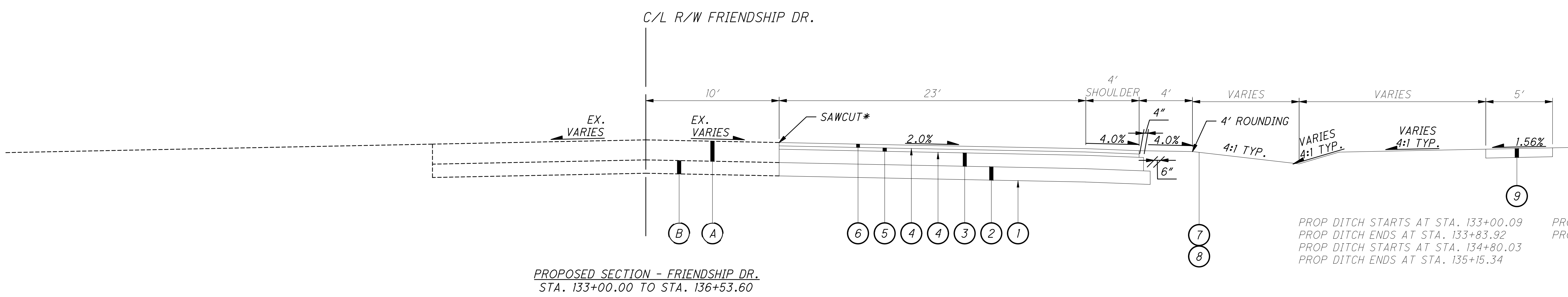
- (A) ASPHALT CONCRETE
- (B) AGGREGATE BASE
- (C) CONCRETE CURB (TO BE REMOVED)
- (D) TRAFFIC ISLAND (TO BE REMOVED)

**PROPOSED LEGEND**

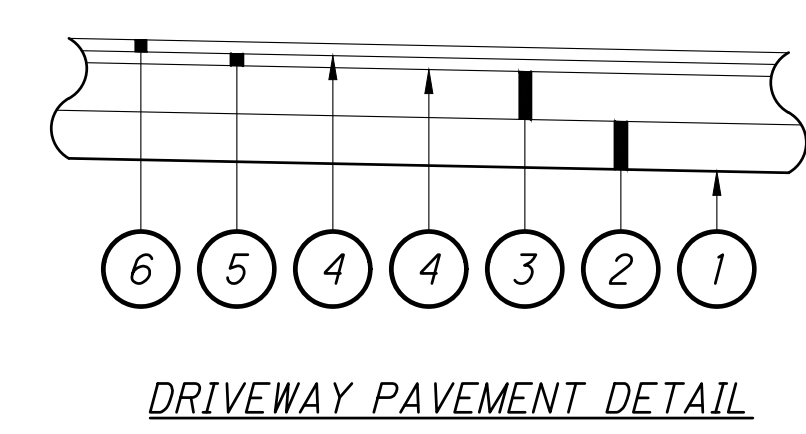
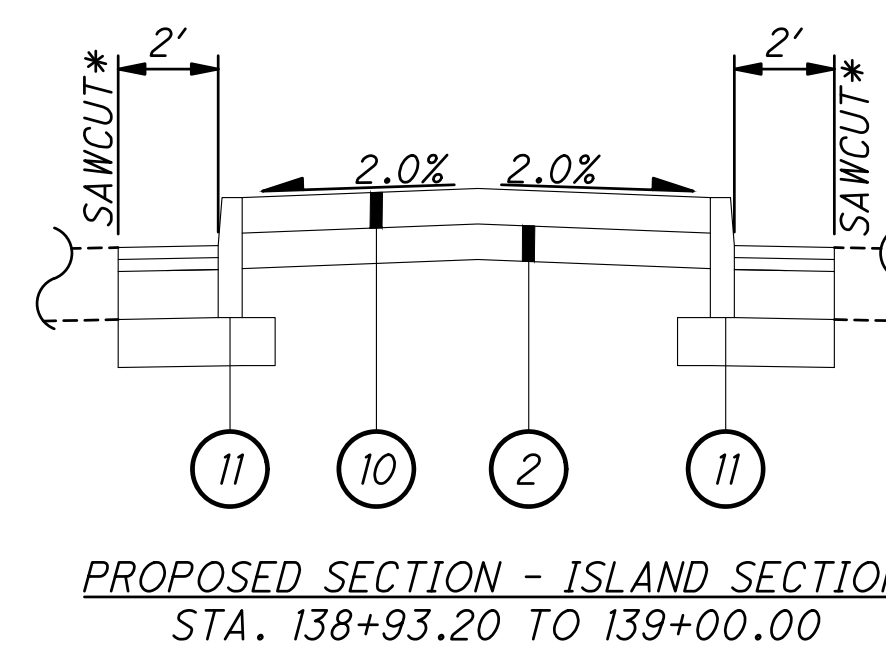
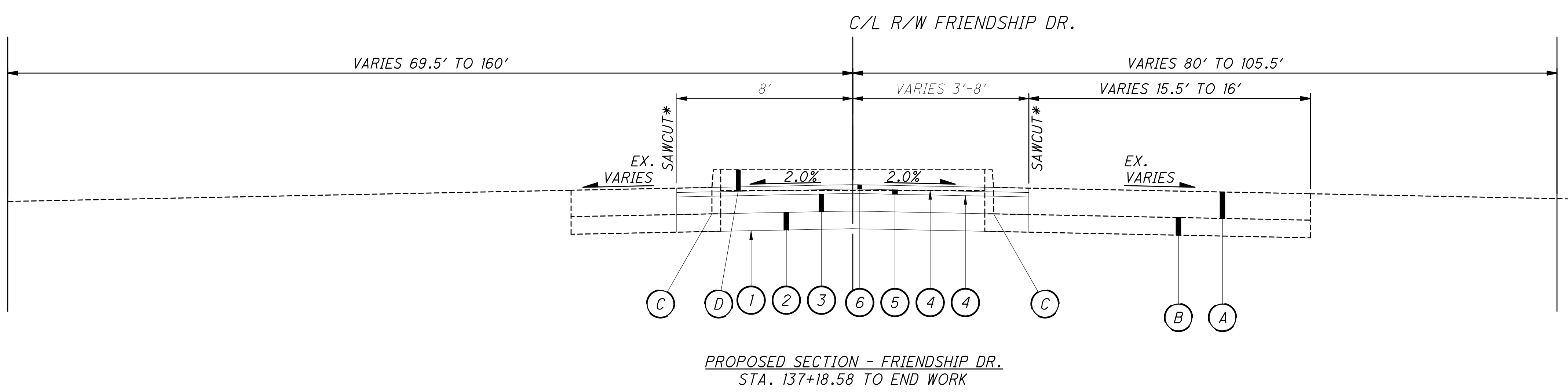
- (1) ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING, AS PER PLAN
- (2) ITEM 304 - 6" AGGREGATE BASE
- (3) ITEM 301 - 6" ASPHALT CONCRETE BASE, (449), PG64-22
- (4) ITEM 407 - NON-TRACKING TACK COAT (0.055 GAL./S.Y.)
- (5) ITEM 441 - 1 1/4" ASPHALT CONCRETE INTERMEDIATE COURSE, (449), TYPE 2, PG70-22M
- (6) ITEM 441 - 1 3/4" ASPHALT CONCRETE SURFACE COURSE, (449), TYPE 1, PG64-22
- (7) ITEM 659 - SEEDING AND MULCHING
- (8) ITEM 659 - TOPSOIL
- (9) ITEM 608 - 4" CONCRETE WALK
- (10) ITEM 609 - 4" CONCRETE TRAFFIC ISLAND
- (11) ITEM 609 - CURB, TYPE 6
- (12) ITEM 605 - AGGREGATE DRAINS



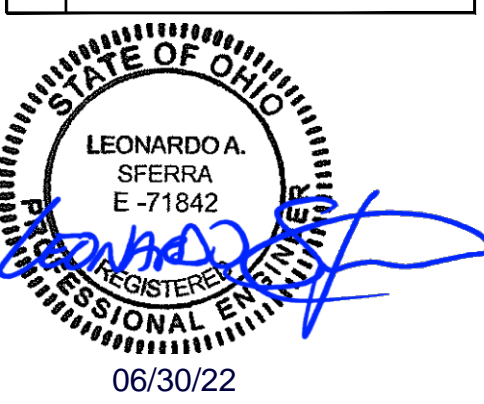
\* THE EXISTING PAVEMENT SHALL BE CUT TO LOCATE A SOUND EDGE AS PER CMS SPEC 203.01(E). VERTICAL FACE OF EXISTING PAVEMENT TO BE COATED WITH ASPHALT BINDER CMS SPEC 702.1 AS PER CMS SPEC 401.14.



PROP DITCH STARTS AT STA. 133+00.09  
 PROP DITCH ENDS AT STA. 133+83.92  
 PROP DITCH STARTS AT STA. 134+80.03  
 PROP DITCH ENDS AT STA. 135+15.34  
 PROP WALK STARTS AT STA. 132+60.31  
 PROP WALK END AT STA. 133+99.95



REV.	DATE	DESCRIPTION



NEW SHEETZ STORE  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762  
 TYPICAL SECTIONS

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

JOB NO.  
 2020117.13

C-801



**CONSTRUCTION SPECIFICATIONS**

UNLESS MODIFIED BY THE PROJECT SPECIFICATION, PLAN NOTES, PLAN DETAILS, OR REQUIREMENTS BY STARK COUNTY, ROADWAY CONSTRUCTION MATERIALS AND PROCEDURES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION (ODOT), CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMS), EXCLUDING SECTIONS 102, 103, 104, 107.21, 108, AND 109. WHERE CONFLICTS OCCUR, THE PROJECT ENGINEER SHALL DETERMINE THE GOVERNING AUTHORITY.

THE STATE OF OHIO DOT CMS (2019) SHALL BE INCORPORATED BY REFERENCE IN THE CONTRACT DOCUMENTS AND SHALL GOVERN THIS PROJECT EXCEPT AS MODIFIED HEREIN BY SPECIFICATIONS, PLAN NOTES, DETAILS, OR AS DESIGNATED BY THE OWNER OR ENGINEER. ALL REFERENCES TO "DEPARTMENT" WITHIN THE ODOT CMS SHALL MEAN THE "OWNER"

COPIES OF THE ODOT CMS MAY BE PURCHASED BY CONTACTING:

ODOT  
 OFFICE OF CONTRACTS  
 P.O. BOX 899  
 COLUMBUS, OH 43216-0899  
 TELEPHONE: 614-466-3778 OR 614-466-3200

THE CONTRACTOR SHALL KEEP A CURRENT COPY OF THE CMS ON SITE.

THE LATEST EDITION OF THE "AMERICAN SOCIETY OF TESTING MATERIALS," "AMERICAN NATIONAL STANDARDS INSTITUTE, INC.," AND AMERICAN WATER WORKS ASSOCIATION SPECIFICATIONS, INCLUDING ALL GENERAL PROVISIONS CONTAINED THEREIN, SHALL BE INCLUDED IN THIS PROJECT UNLESS SPECIFICALLY AMENDED HEREINAFTER. ALL REFERENCES TO "A.S.T.M." OR "ASTM," "A.N.S.I." OR "A.W.W.A" SPECIFICATIONS SHOWN HEREIN REFER TO ITEMS IN SAID SPECIFICATIONS.

THE WORK UNDER THE CONTRACT FOR THIS PROJECT SHALL INCLUDE THE FURNISHING OF ALL MATERIAL, LABOR, SUPERINTENDENCE, TOOLS, EQUIPMENT, AND SERVICES FOR AND INCIDENTAL TO THE IMPROVEMENTS PROPOSED BY THIS CONTRACT AS SPECIFIED HEREIN.

**UTILITIES**

THE CONTRACTOR SHALL NOTIFY THE OHIO UTILITIES PROTECTION SERVICE (OUPS) AND THE OHIO OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE (OGPUPS) AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS.

**BENCHING OF FOUNDATION SLOPES**

ALTHOUGH CROSS-SECTIONS INDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT FOUNDATIONS IN CERTAIN AREAS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. BENCH ALL OTHER SLOPED EMBANKMENT AREAS AS SET FORTH IN SECTION 203.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS). NO ADDITIONAL PAYMENT WILL BE MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF SECTION 203.05

**STANDARD CONSTRUCTION DRAWINGS**

THE CONTRACTOR SHALL USE THE THE FOLLOWING ODOT STANDARD CONSTRUCTION DRAWINGS AND SPECIFICATIONS:

BP-3.2	1-18-19
BP-4.1	7-19-13
BP-5.1	1-21-22
BP-7.1	1-21-22
MGS-1.1	7-16-21
MGS-2.1	1-19-18
MGS-4.2	7-19-13
CB-2-2B	7-16-21
DM-1.1	7-17-20

**ITEM 203 - EXCAVATION AND EMBANKMENT, AS PER PLAN**

THE WORK SPECIFIED FOR THIS PAY ITEM CONSISTS OF THE EXCAVATION AND EMBANKMENT REQUIRED FOR THE PROPOSED IMPROVEMENTS. IT IS INTENDED THAT ALL EXCAVATION AND SHAPING NECESSARY FOR THE PREPARATION, CONSTRUCTION AND COMPLETION OF ALL EMBANKMENTS, SUBGRADES AND SLOPES IN ACCORDANCE WITH THE REQUIREMENTS SHOWN IN THE PLANS AND PER ODOT ITEM 203.

THE LUMP SUM QUANTITY FOR THIS ITEM SHALL INCLUDE ALL EXCAVATION, FILL, BORROW, GRADING AND ALL OTHER WORK SPECIFIED FOR THE COMPLETION OF THE PROPOSED WORK.

THE FOLLOWING ANTICIPATED VOLUME ARE PROVIDED FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY NECESSARY VOLUMES OF EARTHWORK TO COMPLETE THE PROPOSED IMPROVEMENTS.

ITEM 203 - EXCAVATION	1025 CY
ITEM 203 - EMBANKMENT	1000 CY

**SEEDING AND MULCHING**

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

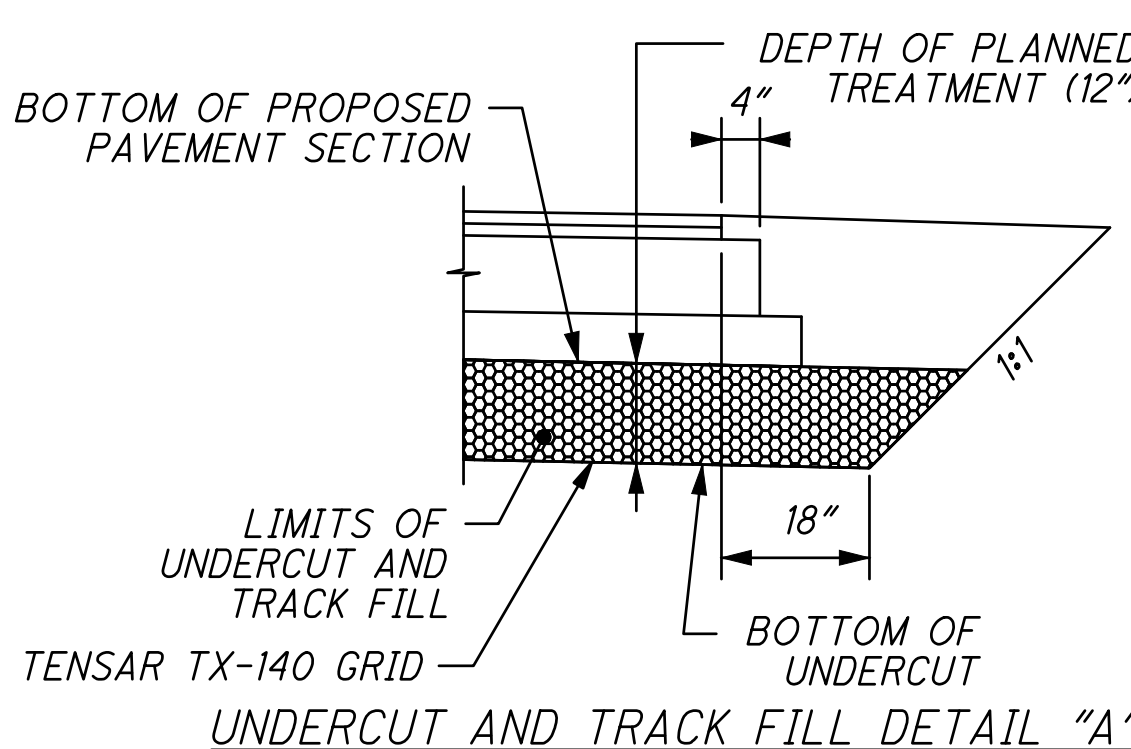
ITEM 659 - SEEDING AND MULCHING	1825 SY
ITEM 659 - TOPSOIL	201 CY

**ROADWAY**

**ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING, AS PER PLAN**

CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

- SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.
- EXCAVATE AND REPLACE UNSUITABLE SUBGRADE BEFORE PROOF ROLLING. UNSUITABLE SUBGRADE INCLUDES UNSUITABLE SOIL (A-4B, A-2-5, A-5, A-7-5, AND SOIL WITH A LIQUID LIMIT GREATER THAN 65) AND ANY COAL, SHALE OR ROCK WHICH NEEDS TO BE REMOVED ACCORDING TO 204.05.  
  
IF THERE IS UNSUITABLE SUBGRADE IN A SHALLOW FILL LOCATION, EXCAVATE AND REPLACE THE UNSUITABLE SUBGRADE BEFORE CONSTRUCTING THE SHALLOW FILL AND SHAPING THE SUBGRADE.
- COMPACT THE SUBGRADE ACCORDING TO 204.03.
- PROOF ROLL THE COMPACTED SUBGRADE ACCORDING TO 204.06.
- EXCAVATE UNSTABLE SUBGRADE AS DIRECTED BY THE ENGINEER AND STABILIZE BY REPLACING WITH ODOT ITEM 304 LIMESTONE ON A TENSAR TX-140 GRID. EXCAVATIONS WILL EXTEND 18 INCHES BEYOND THE EDGE OF THE SURFACE OF THE PAVEMENT, PAVED SHOULDERS, OR PAVED MEDIANS.
- PROOF ROLL THE STABILIZED AREAS ACCORDING TO 204.06 TO VERIFY STABILITY.
- FINE GRADE THE SUBGRADE TO THE SPECIFIED GRADE.



**DRAINAGE**

**AGGREGATE DRAINS**

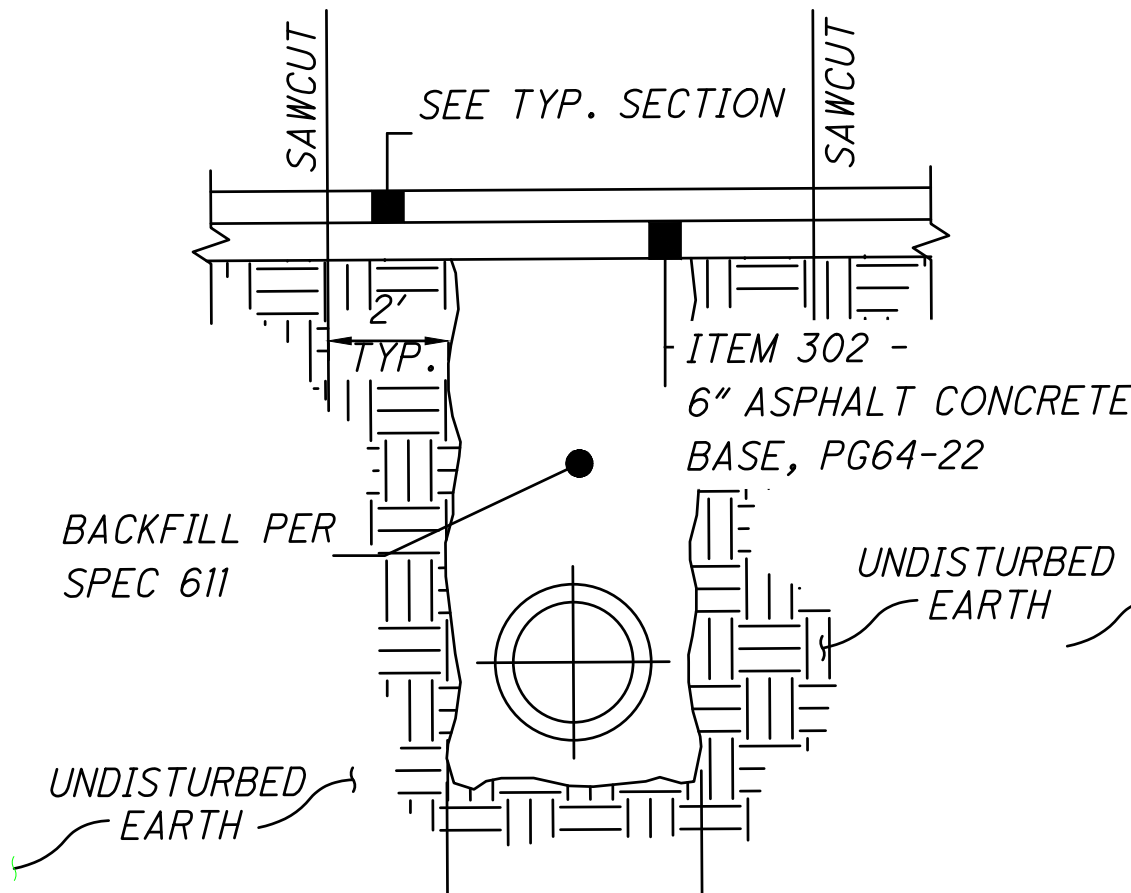
AGGREGATE DRAINS SHALL BE PLACED AT 50 FOOT INTERVALS.

TEMPORARY CONSTRUCTION SUPPORT DURING CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING SIGNS, UTILITY POLES, AND OTHER MISCELLANEOUS ITEMS THAT ARE TO REMAIN ARE PROPERLY SUPPORTED TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL TAKE EXTREME CARE TO ENSURE THAT ALL SERVICES ARE MAINTAINED AT ALL TIMES.

**CURB RAMPS**  
 ALL CURB RAMPS SHALL BE CONSTRUCTED PER ODOT SCD BP-7.1 AND ALL APPLICABLE STANDARDS AND SPECIFICATIONS.

**PAVEMENT**

**PAVEMENT RESTORATION FOR PIPE INSTALLATIONS AND/OR REMOVALS**  
 RESTORATION MATERIAL, LABOR, EQUIPMENT, AND INCIDENTAL COSTS SHALL BE INCLUDED IN THE UNIT COST FOR THE ITEM NECESSITATING THE RESTORATION.



DESCRIPTION
DATE
REV



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

**GENERAL NOTES**

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

JOB NO.  
**2020117.13**

**C-802**



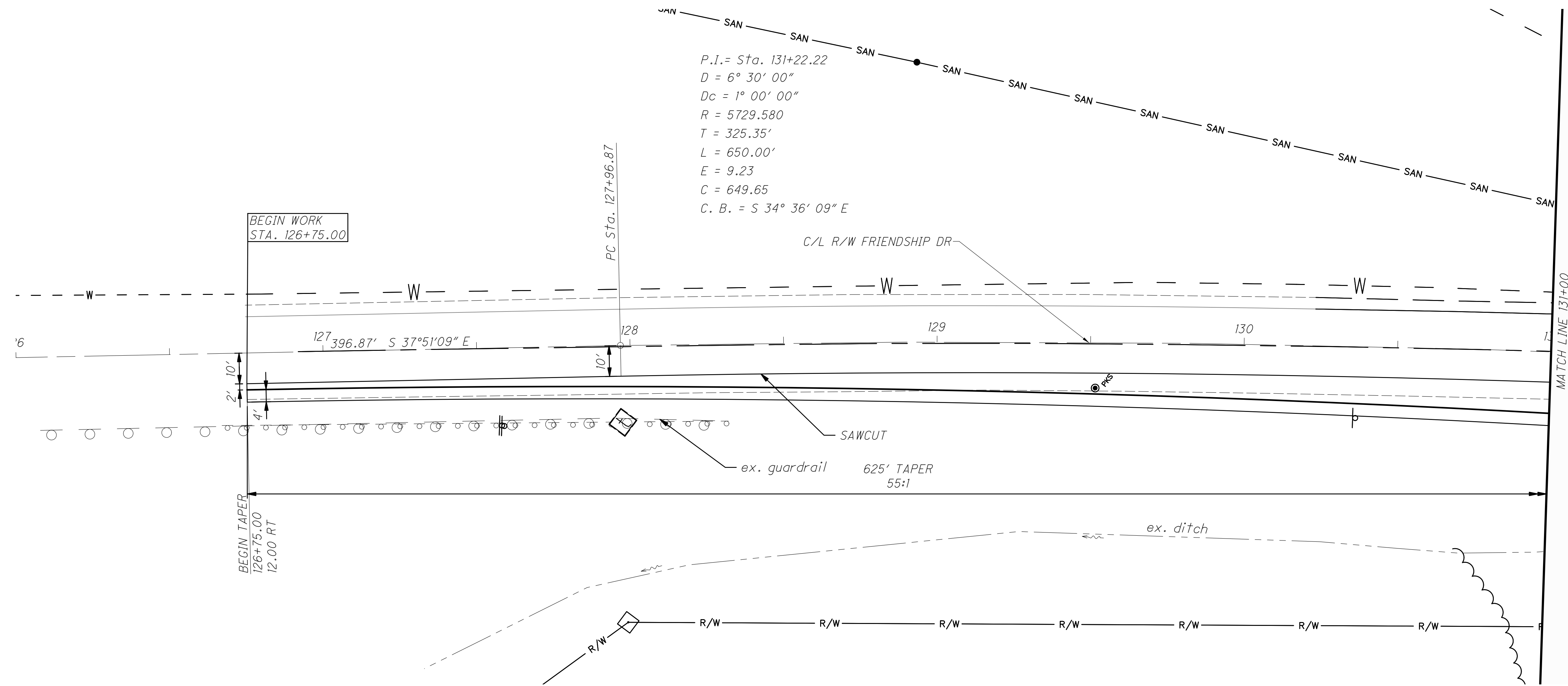
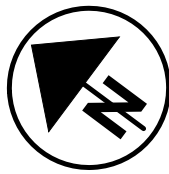
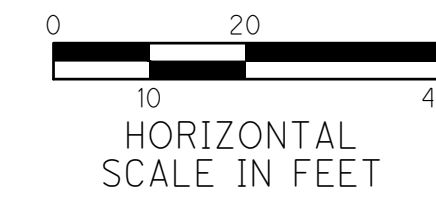






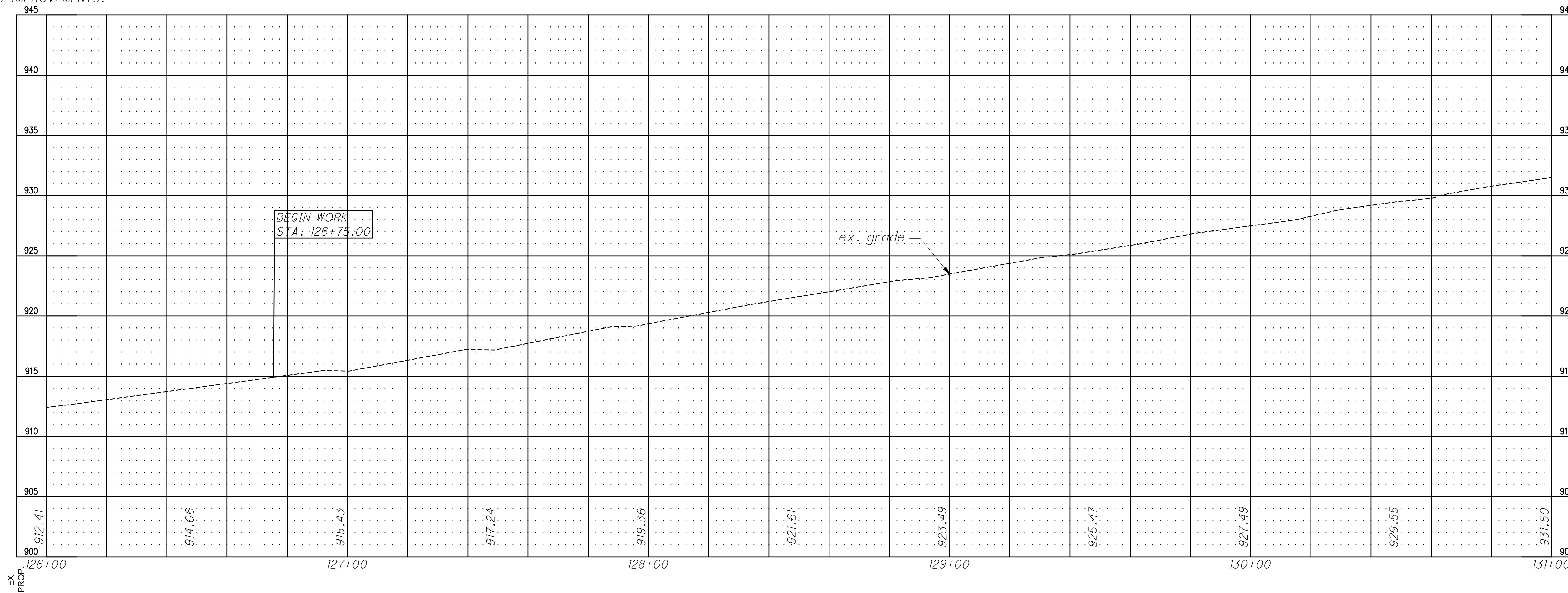


FOR CONTROL POINT INFORMATION, SEE SHEET C-111

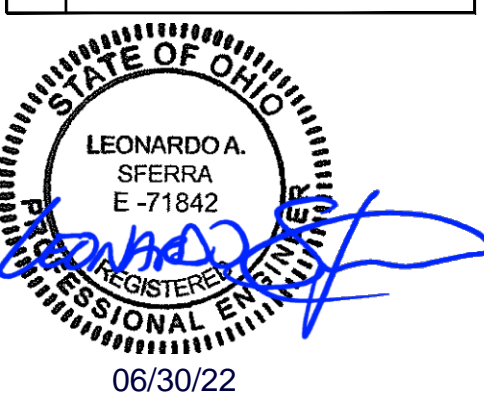


**NOTE:**

PROPOSED WORK IS TO FOLLOW EXISTING PROFILE. EXISTING GRADE IS SHOWN FOR INFORMATION ONLY. THE CONTRACTOR SHALL ENSURE THAT A SMOOTH PROFILE IS PROVIDED FOR THE PROPOSED IMPROVEMENTS.



REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

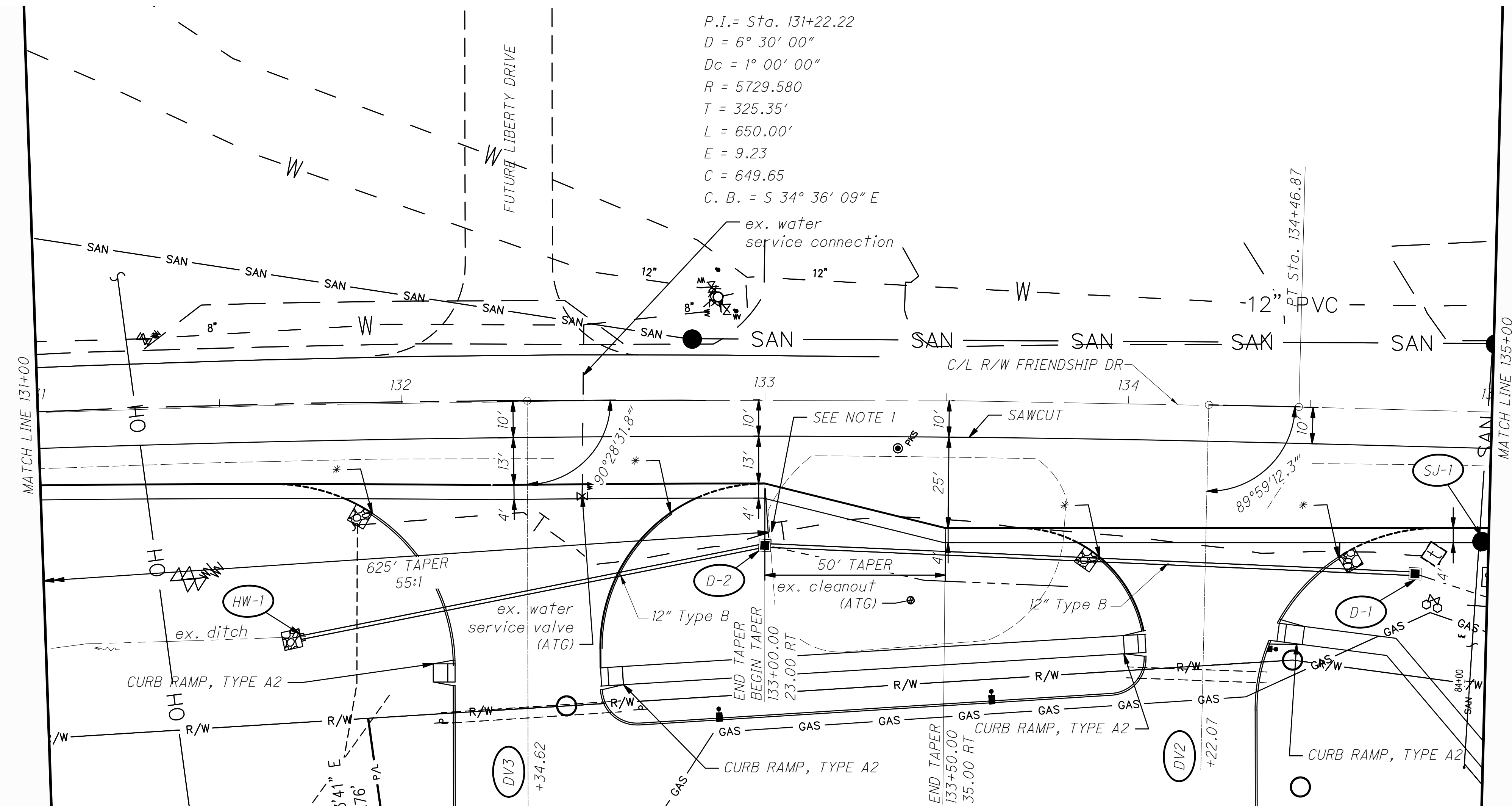
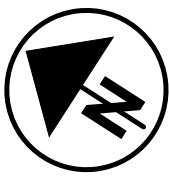
**PLAN AND PROFILE - FRIENDSHIP DR.**  
 BEGIN WORK TO STA. 131+00.00

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

JOB NO.  
**2020117.13**

**C-812**





P.I. = Sta. 131+22.22  
D = 6° 30' 00"  
Dc = 1° 00' 00"  
R = 5729.580  
T = 325.35'  
L = 650.00'  
E = 9.23  
C = 649.65  
C. B. = S 34° 36' 09" E

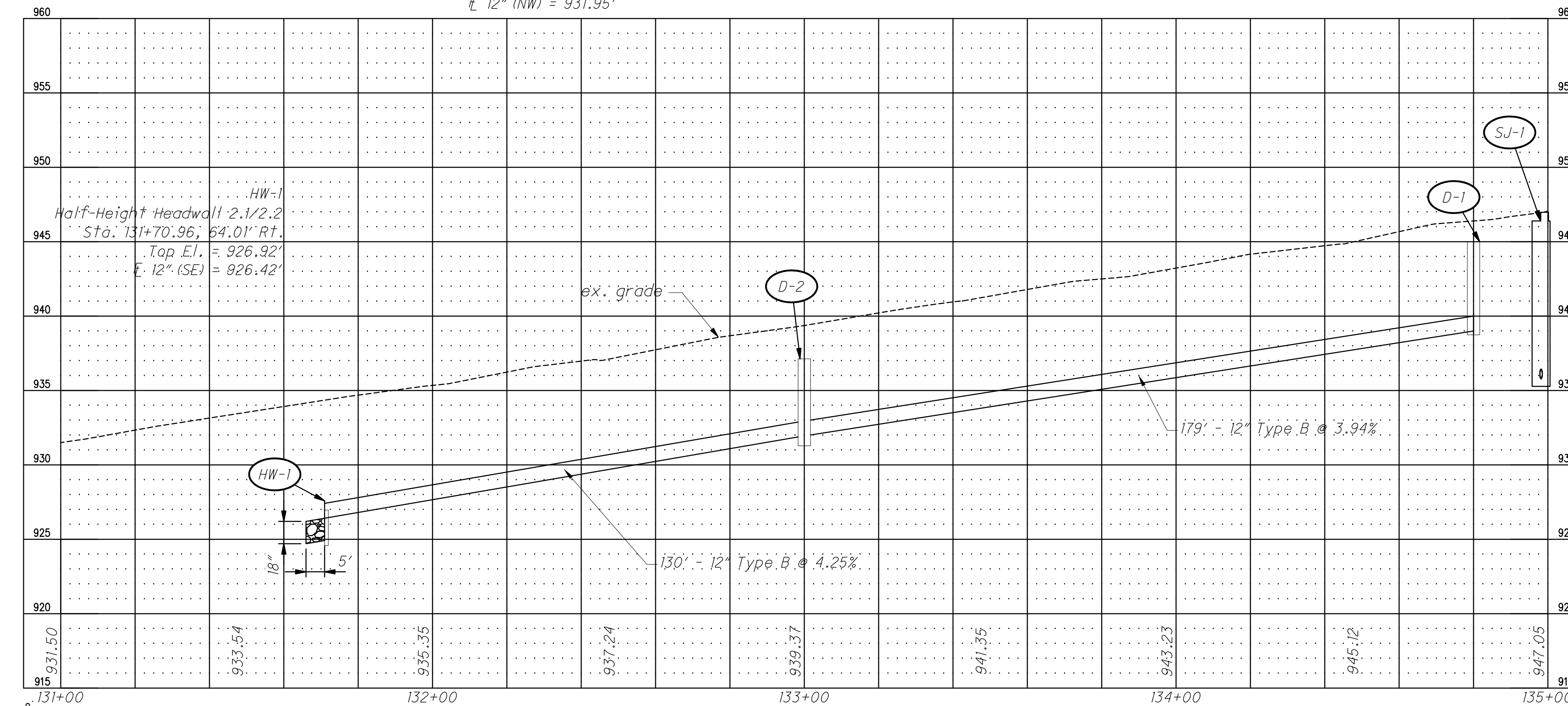
- \* TAPER CURB HEIGHT FROM 0" TO 6" OVER 10'
- 5"x5"x18" ROCK CHANNEL PROTECTION, TYPE C WITH FILTER
- (ATG) ADJUSTED TO GRADE

NOTE:  
1. CONTRACTOR SHALL LOCATE EXISTING TELECOM LINE PRIOR TO INSTALLATION OF ALL PROPOSED STORM SEWER.

2. PROPOSED WORK IS TO FOLLOW EXISTING PROFILE. EXISTING GRADE IS SHOWN FOR INFORMATION ONLY. THE CONTRACTOR SHALL ENSURE THAT A SMOOTH PROFILE IS PROVIDED FOR THE PROPOSED IMPROVEMENTS.

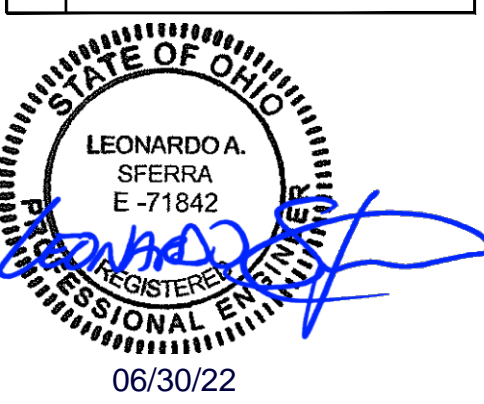
D-2  
Catch Basin No. 2-2B  
Sta. 133+00.00, 40.00' Rt.  
Grate El. = 937.13'  
E 12" (SE) = 931.95'  
E 12" (NW) = 931.95'

D-1  
Catch Basin No. 2-2B  
Sta. 134+80.00, 45.00' Rt.  
Grate El. = 945.00'  
E 12" (NW) = 939.00'



SJ-1, Sanitary Manhole Adjusted to Grade  
Sta. 134+98, 36' Rt.  
Prop. Cover El. = 946.98'  
Ex. Cover El. = 946.76'  
E 8" (W) = 935.78'  
E 8" (NE) = 935.78'  
E 8" (SE) = 935.78'

REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
SOUTH FRIENDSHIP DR (S.R. 83)  
NEW CONCORD, OH 43762

**PLAN AND PROFILE - FRIENDSHIP DR.**  
STA. 131+00.00 TO STA. 135+00.00

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

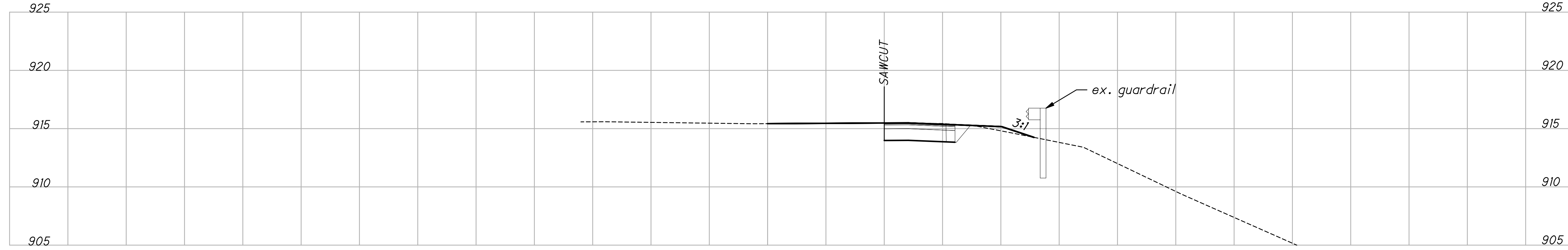
JOB NO.  
**2020117.13**

**C-813**

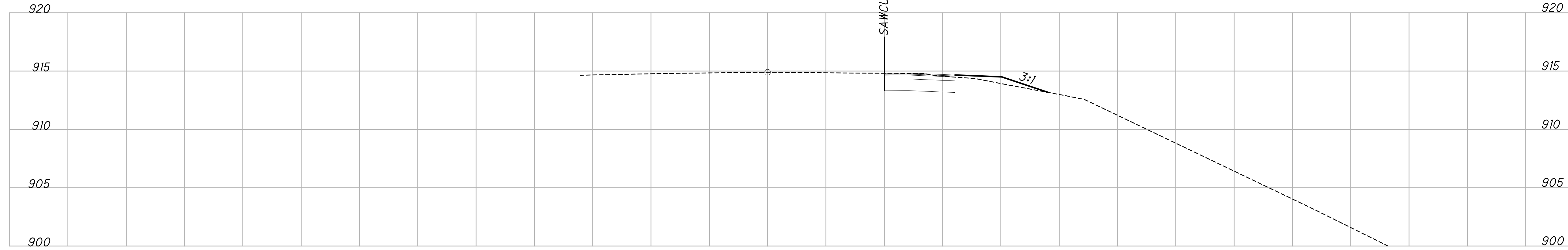




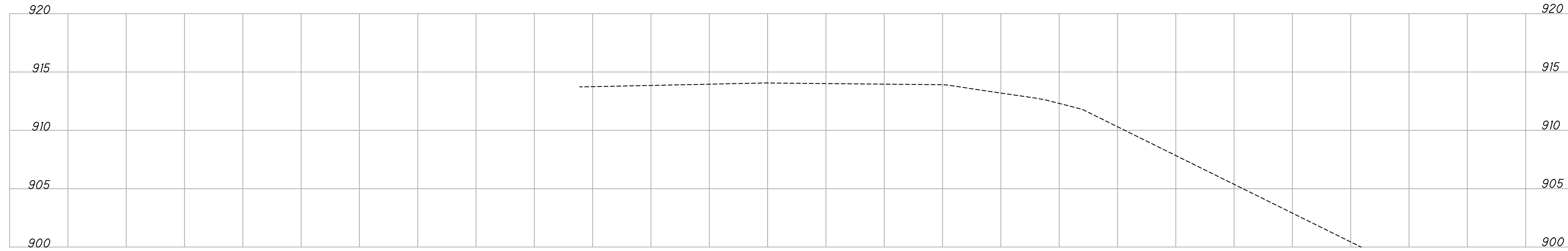




915.43  
 127+00.00  
 915.43



914.90  
 126+75.00  
 914.90  
 BEGIN WORK/WIDENING  
 MEET EXISTING



914.06  
 126+50.00  
 914.06

REV.	DATE	DESCRIPTION



NEW SHEETZ STORE  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

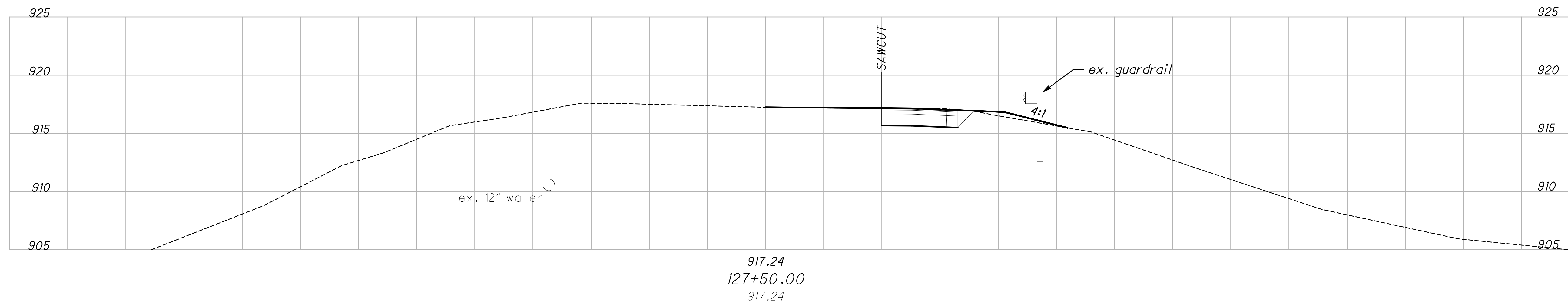
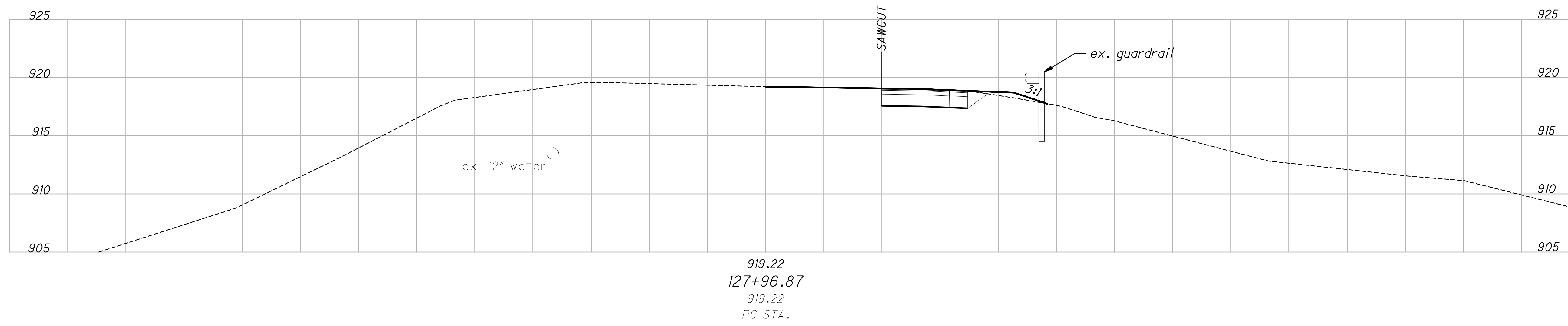
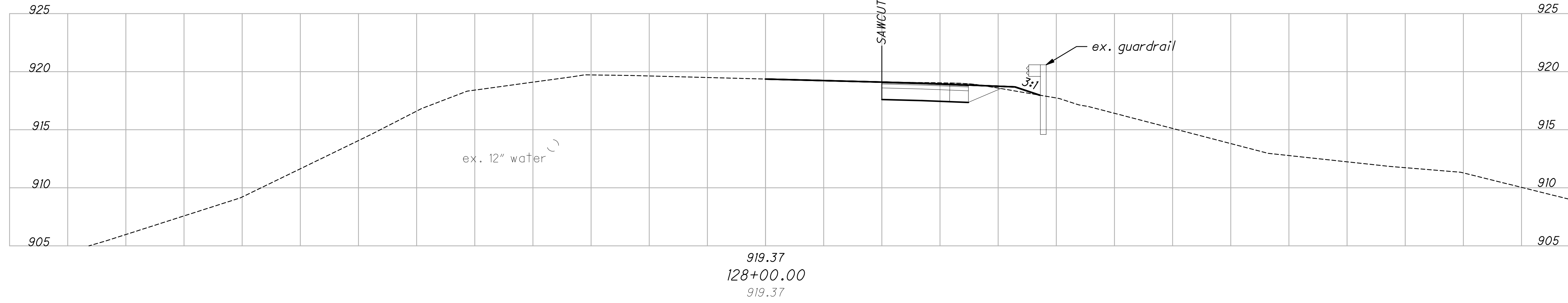
CROSS SECTIONS - FRIENDSHIP DR.  
 STA. 126+50.00 TO STA. 127+00.00

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

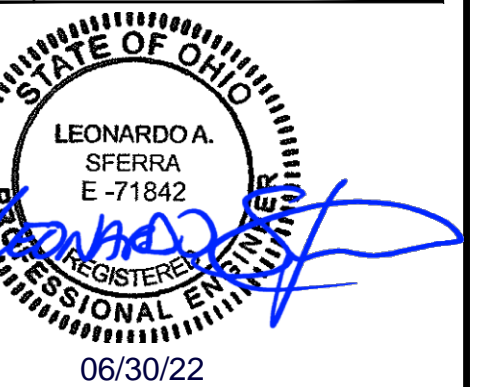
JOB NO.  
 2020117.13

**C-815**





REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

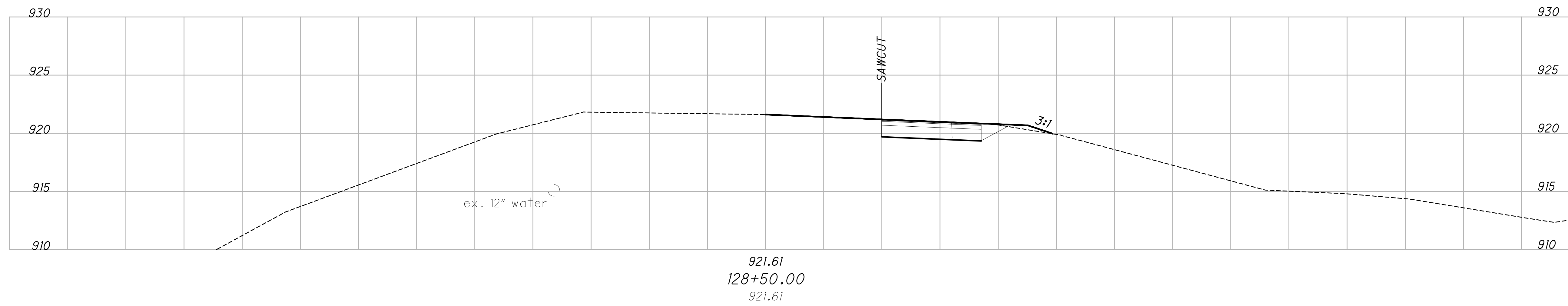
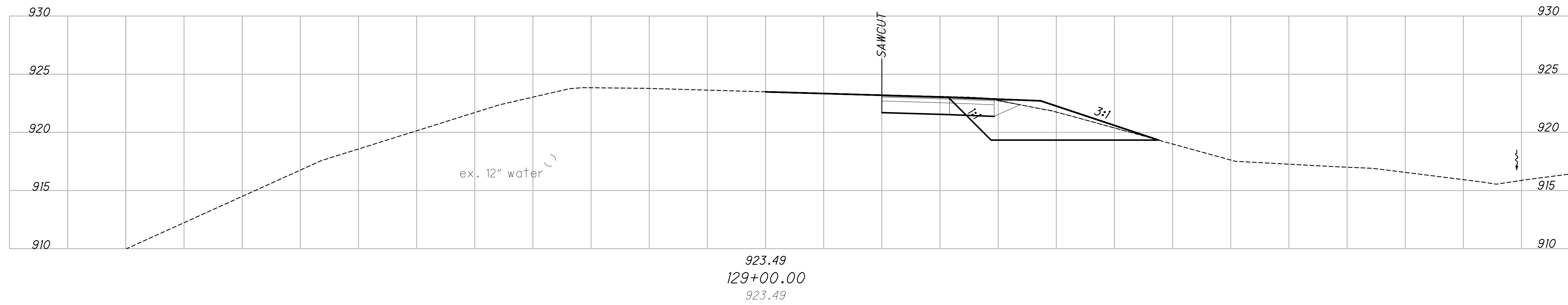
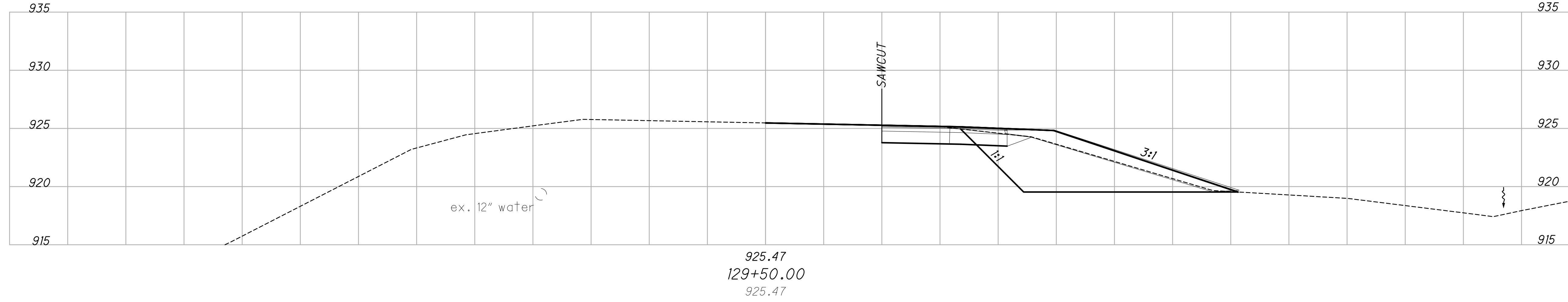
**CROSS SECTIONS - FRIENDSHIP DR.**  
 STA. 127+50.00 TO STA. 128+00.00

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

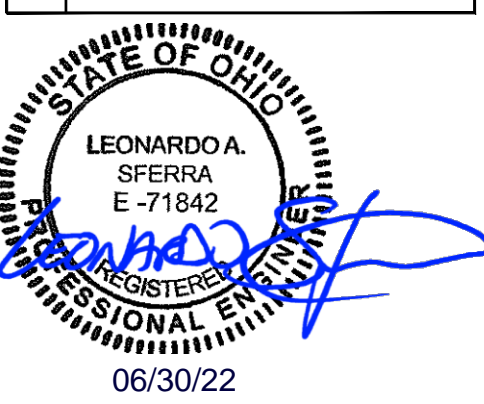
JOB NO.  
 2020117.13

**C-816**





REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

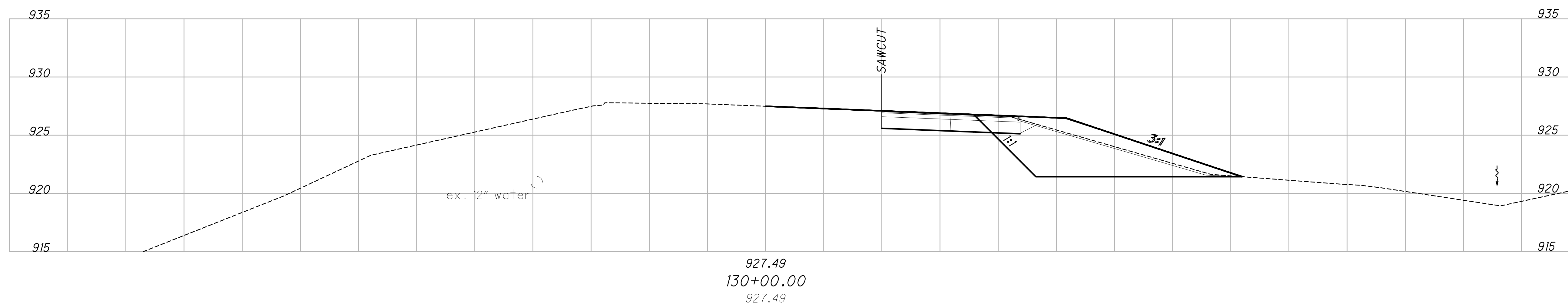
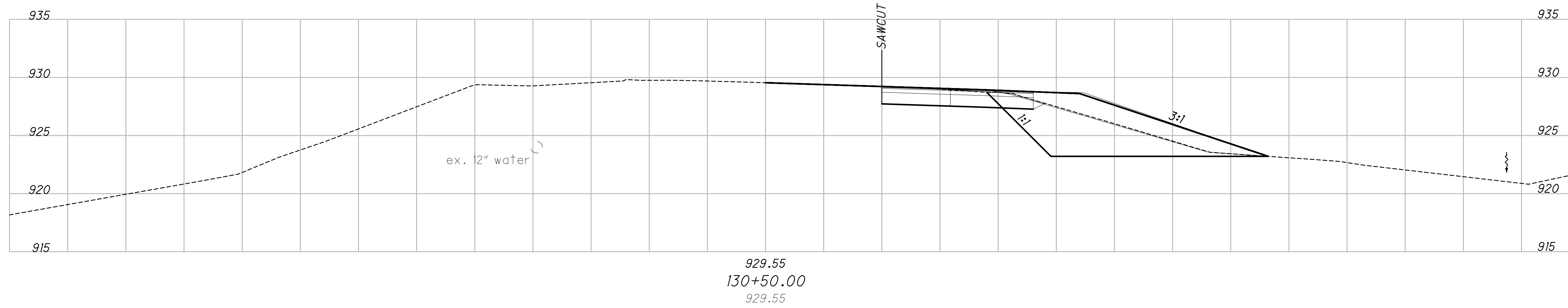
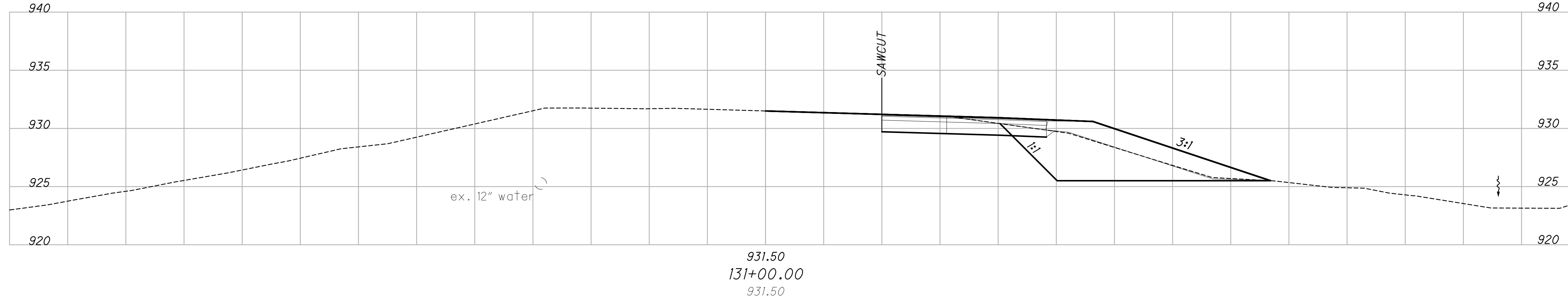
**CROSS SECTIONS - FRIENDSHIP DR.**  
 STA. 128+50.00 TO STA. 129+50.00

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

JOB NO.  
2020117.13

**C-817**





REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

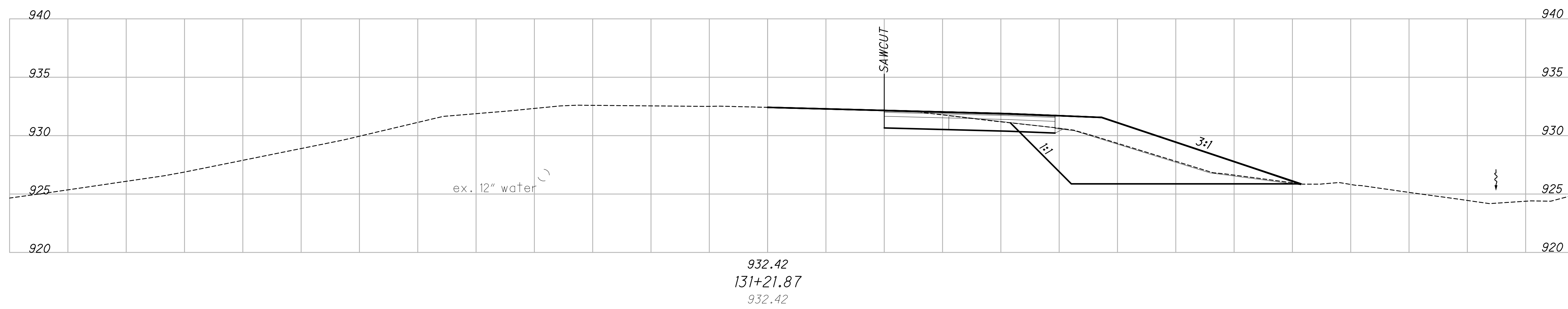
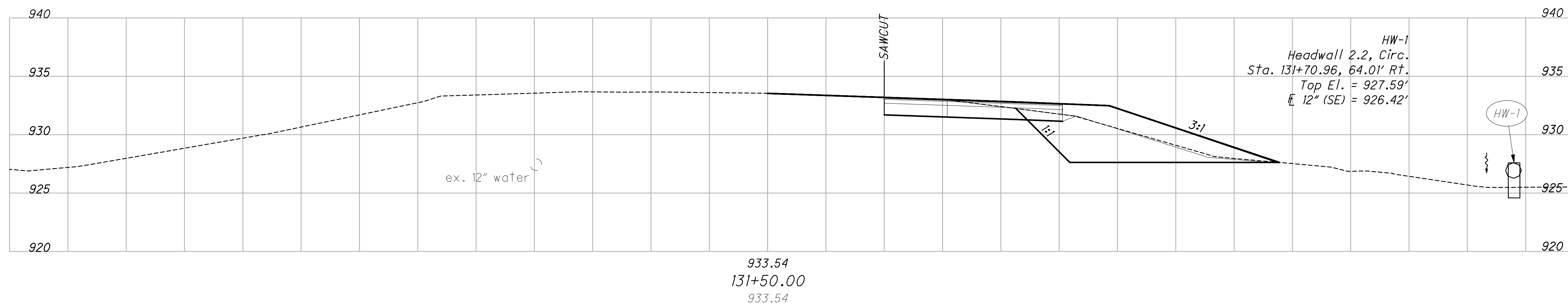
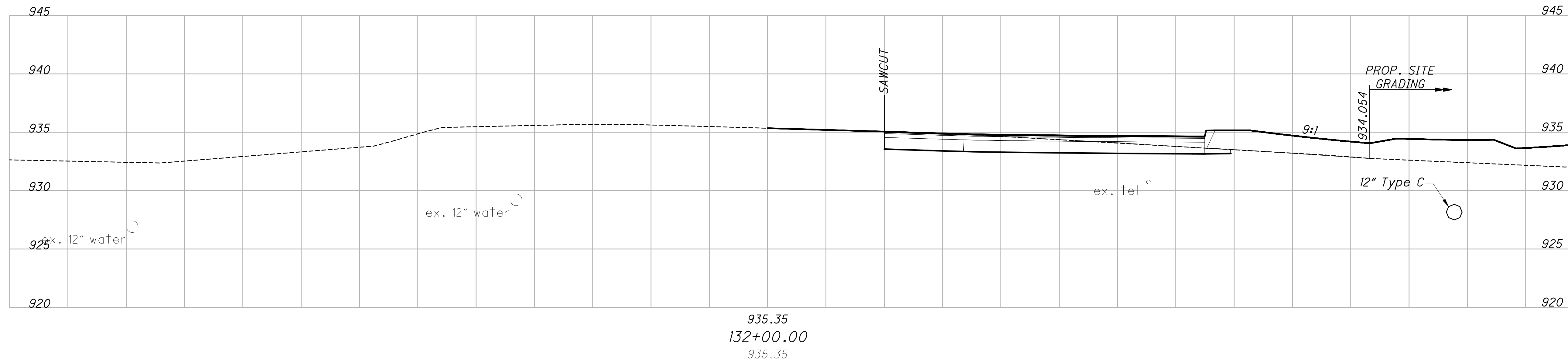
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 STA. 130+00.00 TO STA. 131+00.00

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

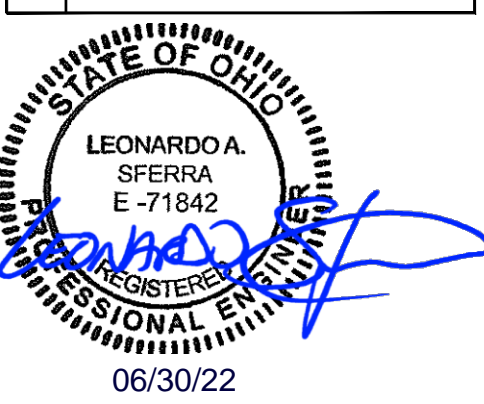
JOB NO.  
**2020117.13**

**C-818**





REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

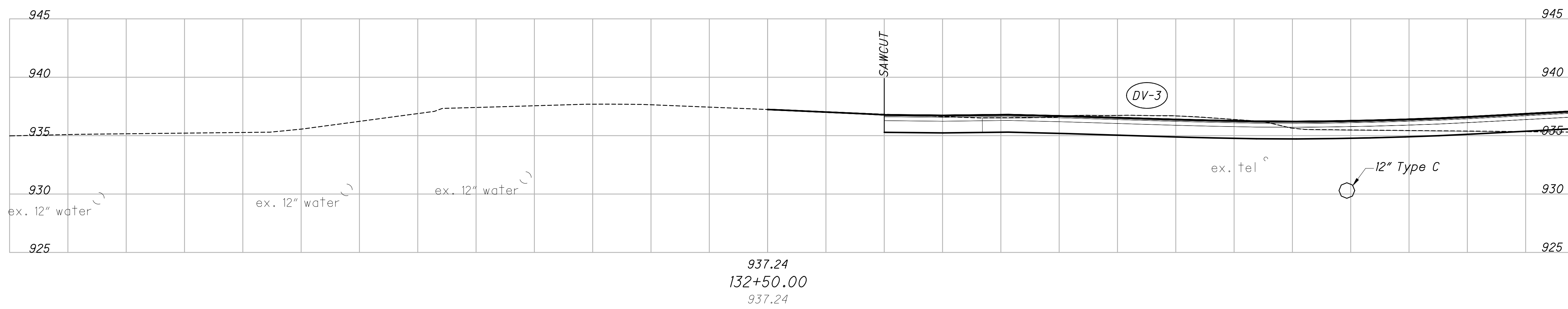
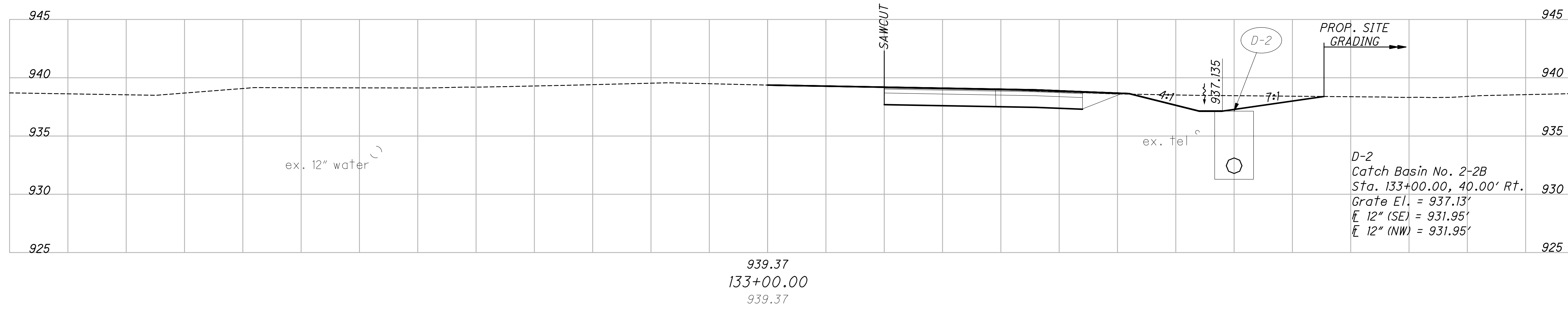
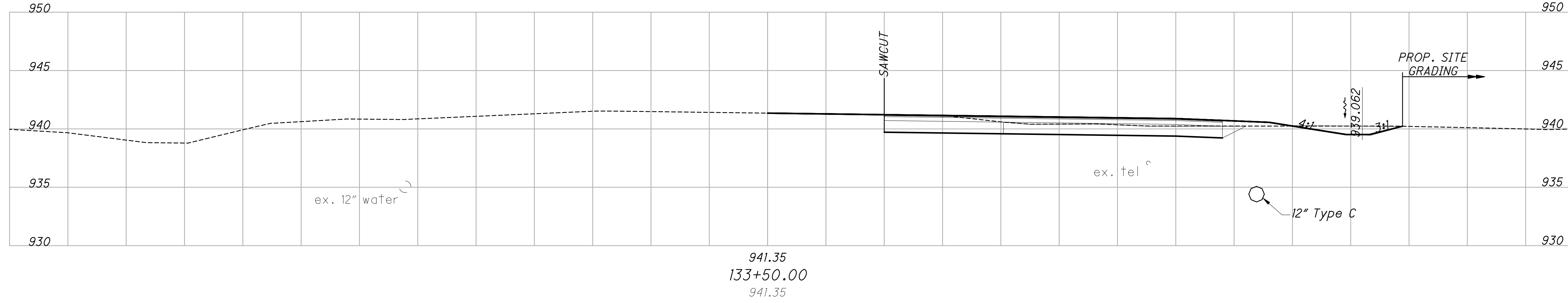
**CROSS SECTIONS - FRIENDSHIP DR.**  
 STA. 131+21.87 TO STA. 132+00.00

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

JOB NO.  
2020117.13

**C-819**





REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

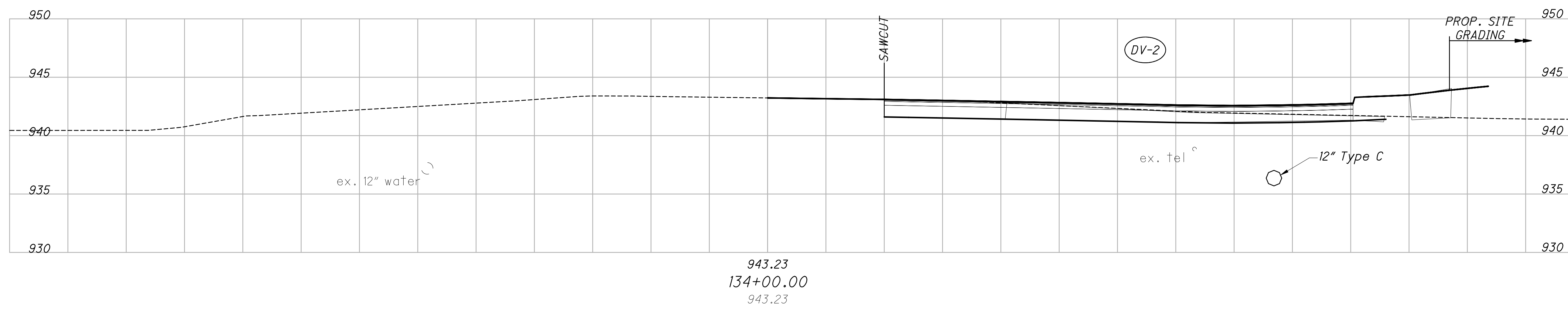
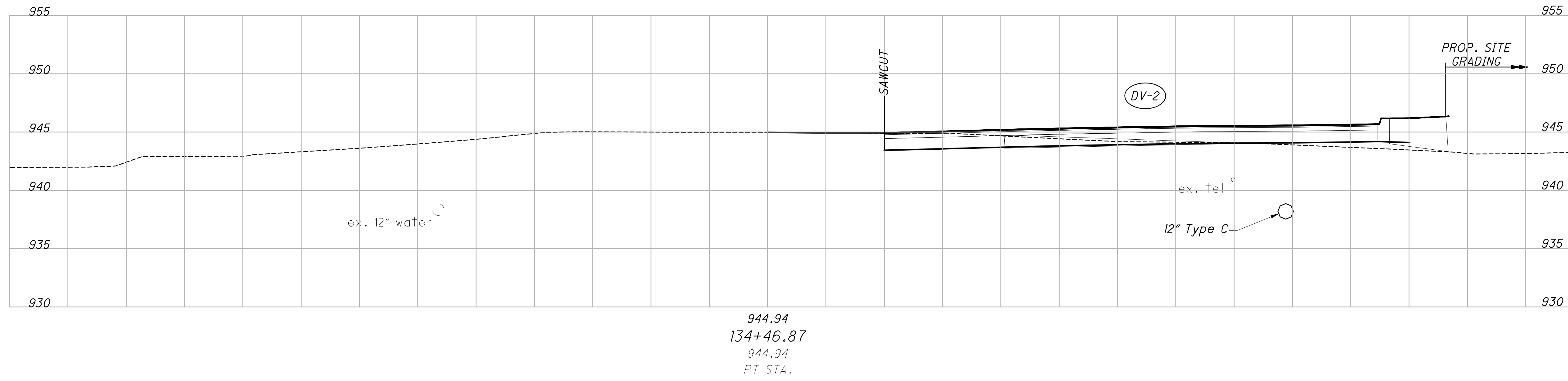
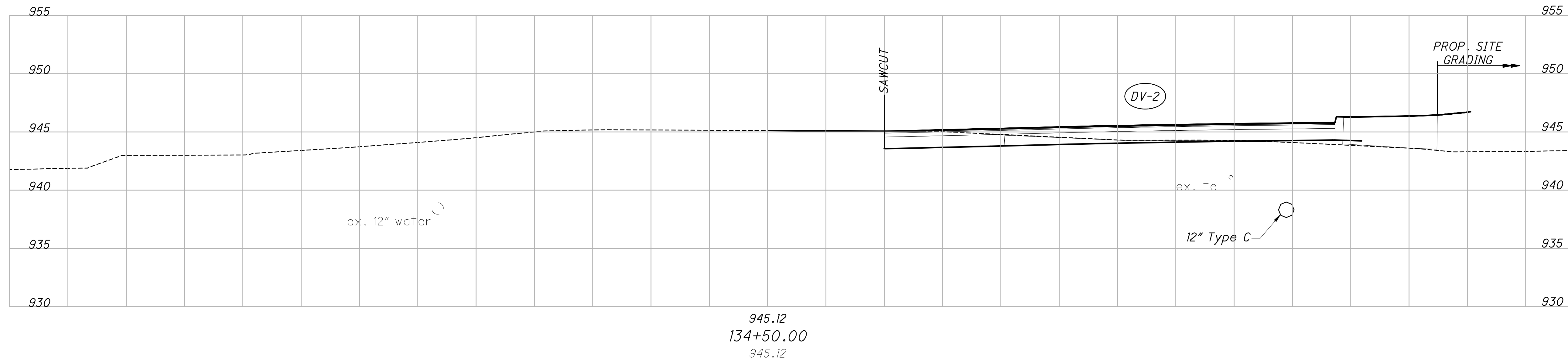
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 STA. 132+50.00 TO STA. 133+50.00

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

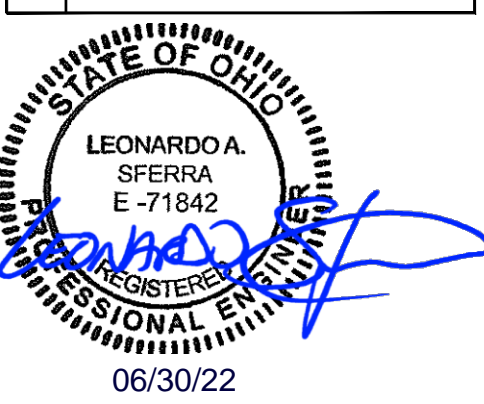
JOB NO.  
2020117.13

**C-820**





REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

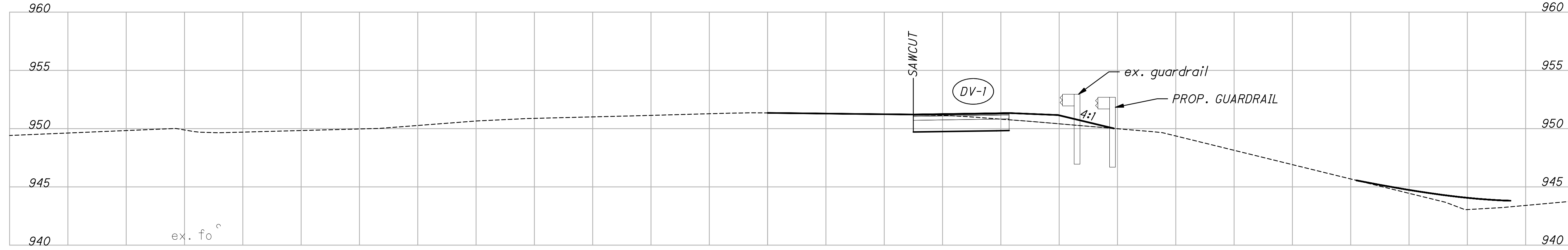
**CROSS SECTIONS - FRIENDSHIP DR.**  
 STA. 134+00.00 TO STA. 134+50.00

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

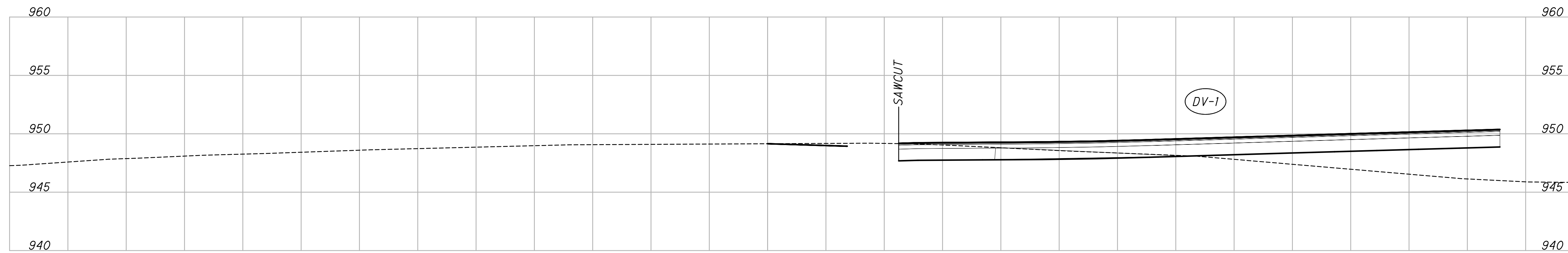
JOB NO.  
**2020117.13**

**C-821**

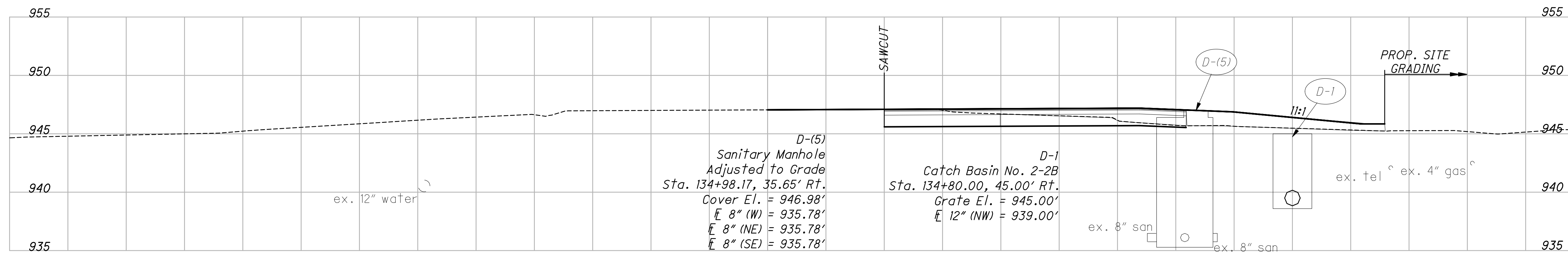




951.35  
 136+00.00  
 951.35



949.15  
 135+50.00

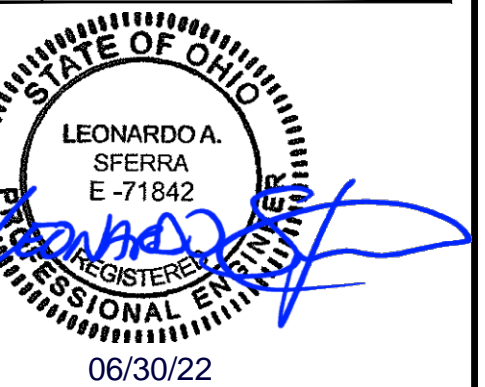


D-(5)  
 Sanitary Manhole  
 Adjusted to Grade  
 Sta. 134+98.17, 35.65' RT.  
 Cover El. = 946.98'  
 E 8" (W) = 935.78'  
 E 8" (NE) = 935.78'  
 E 8" (SE) = 935.78'

D-1  
 Catch Basin No. 2-2B  
 Sta. 134+80.00, 45.00' RT.  
 Grate El. = 945.00'  
 E 12" (NW) = 939.00'

947.05  
 135+00.00  
 947.05

REV	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

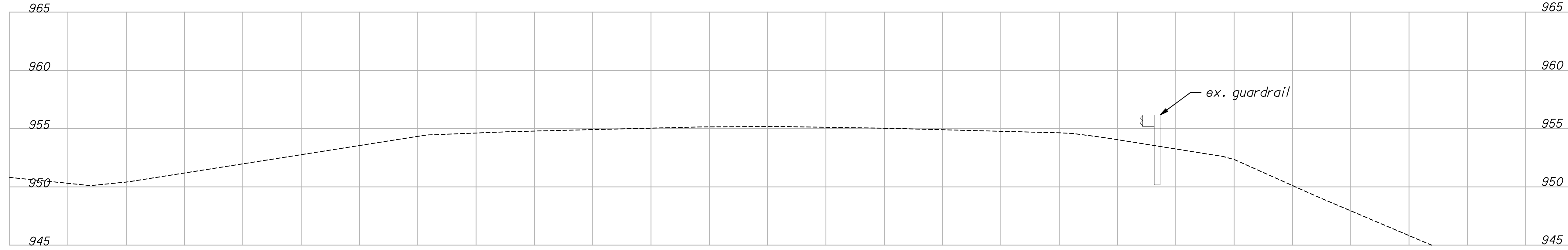
**CROSS SECTIONS - FRIENDSHIP DR.**  
 STA. 135+00.00 TO STA. 136+00.00

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

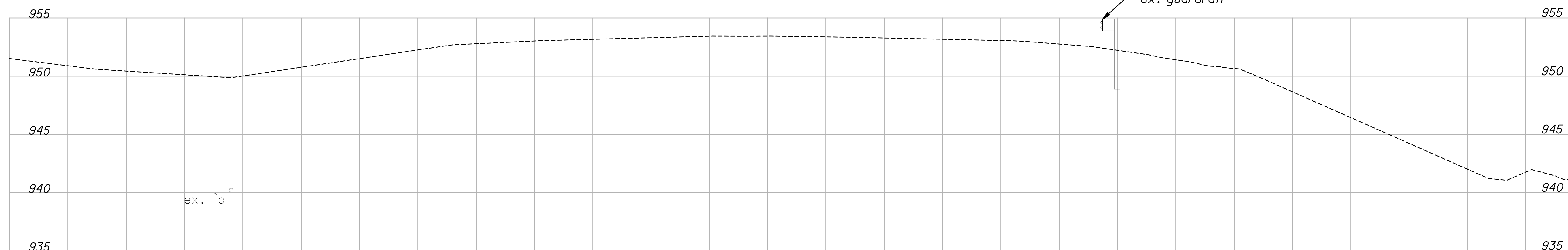
JOB NO.  
 2020117.13

**C-822**

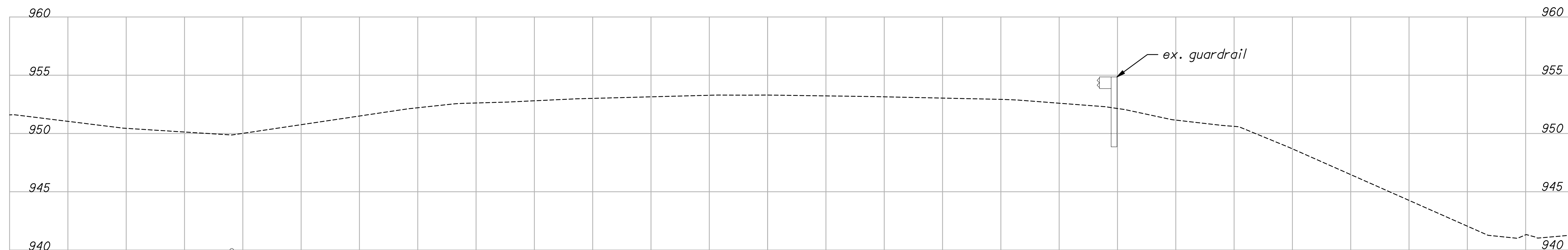




955.17  
 137+00.00  
 955.17

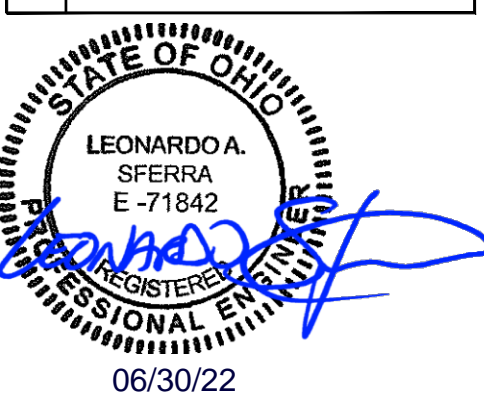


953.44  
 136+53.60  
 953.44  
 END WORK/WIDENING  
 MEET EXISTING



953.30  
 136+50.00  
 953.30

REV.	DATE	DESCRIPTION



ISSUED FOR:  
 NEW SHEETZ STORE  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

CROSS SECTIONS - FRIENDSHIP DR.  
 STA. 136+12.60 TO STA. 137+00.00

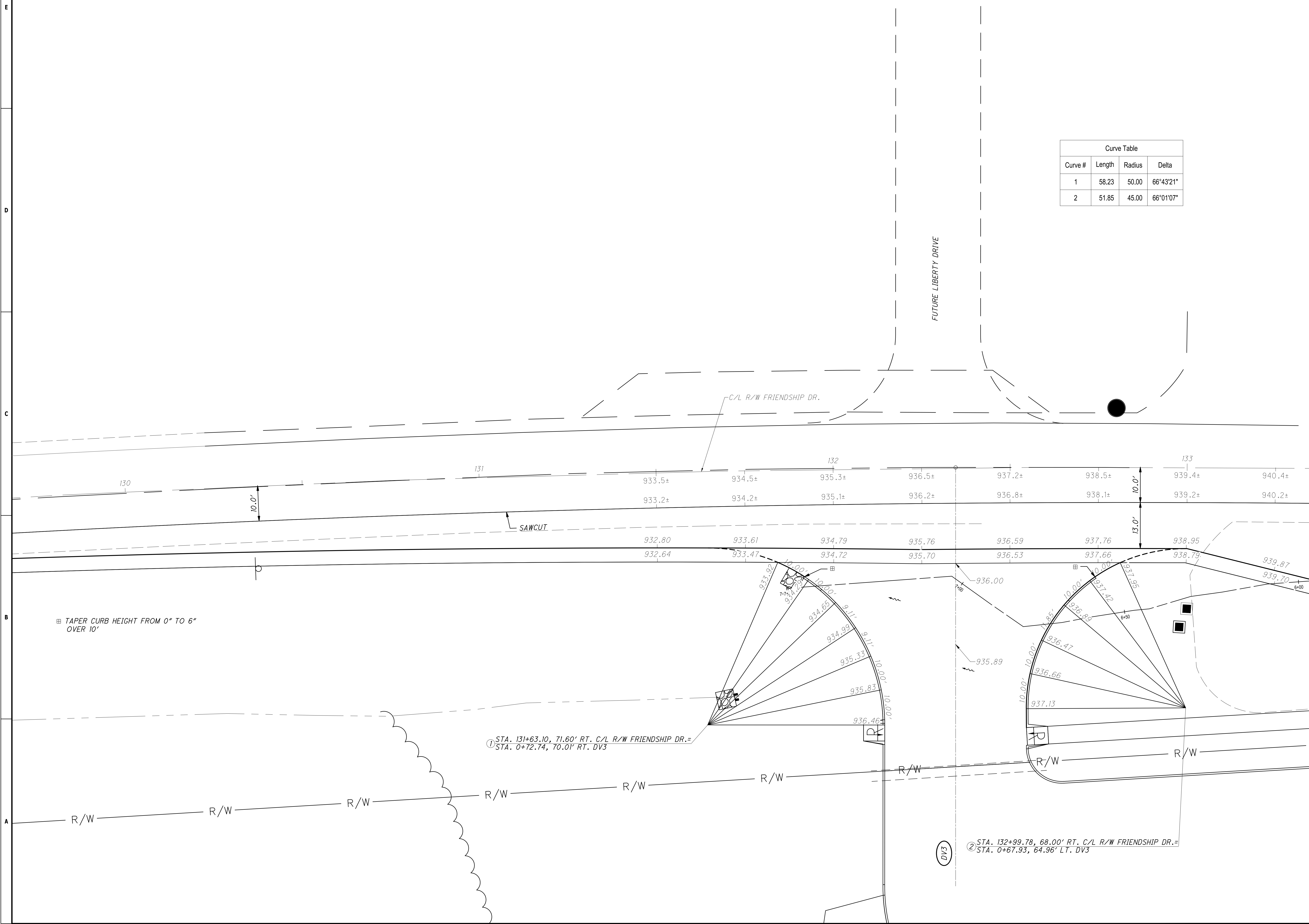
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

JOB NO.  
 2020117.13

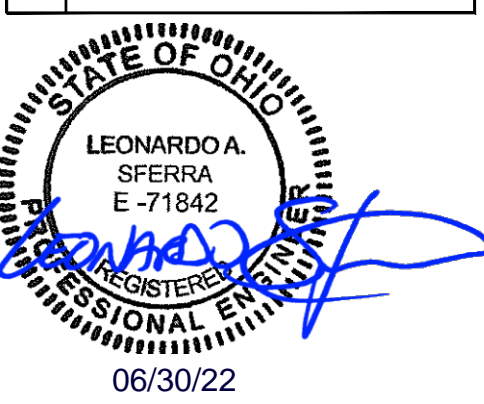
**C-823**



Curve Table			
Curve #	Length	Radius	Delta
1	58.23	50.00	66°43'21"
2	51.85	45.00	66°01'07"



REV	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

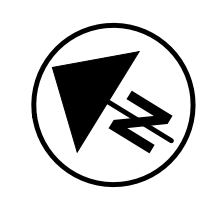
**INTERSECTION DETAILS**

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

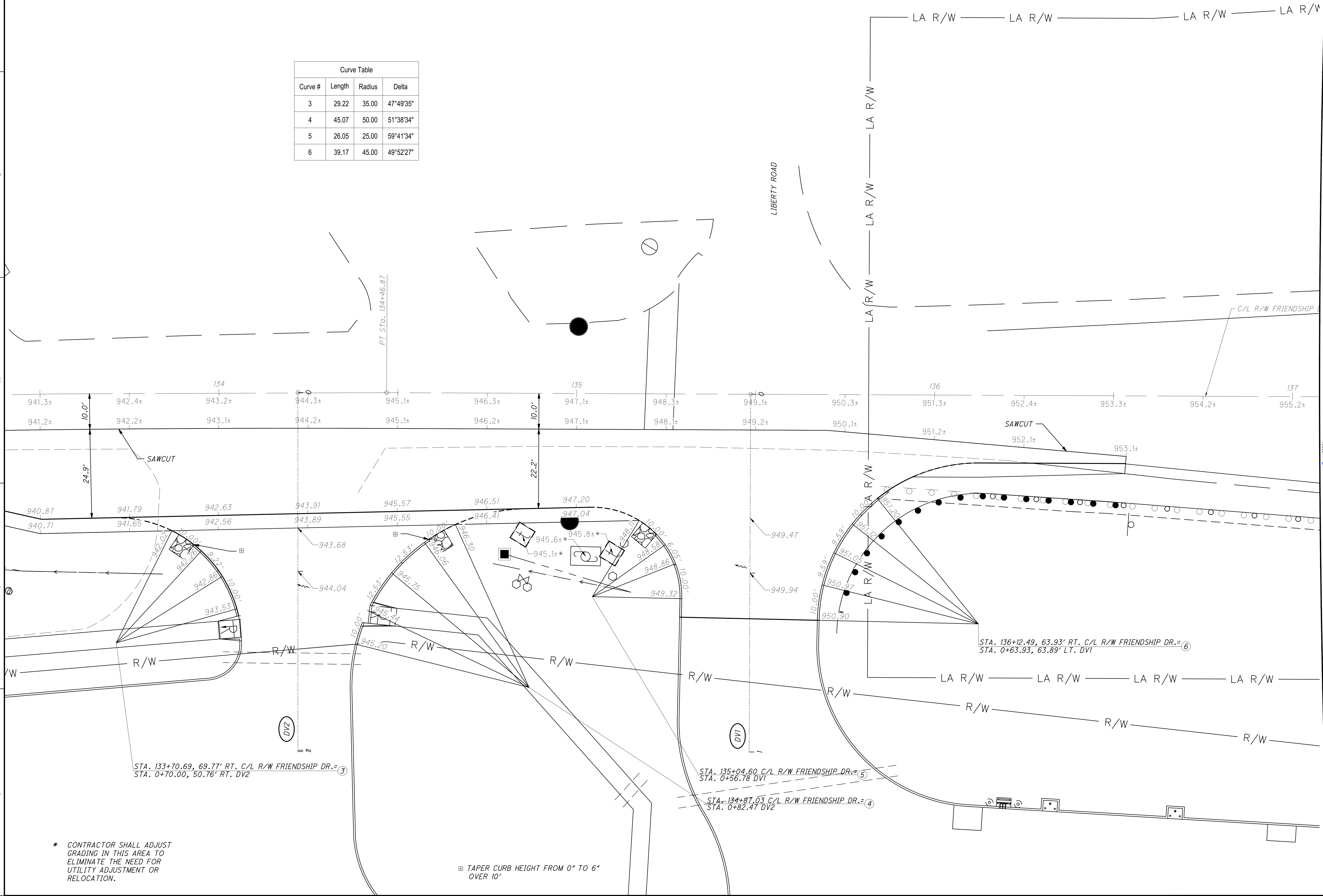
JOB NO.  
**2020117.13**

**C-824**

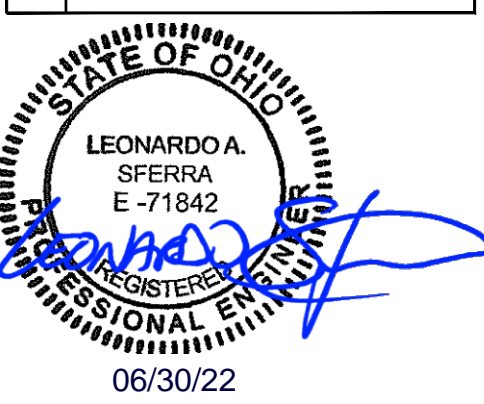




Curve Table			
Curve #	Length	Radius	Delta
3	29.22	35.00	47°49'35"
4	45.07	50.00	51°38'34"
5	26.05	25.00	59°41'34"
6	39.17	45.00	49°52'27"



REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

**INTERSECTION DETAILS**

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

JOB NO.  
**2020117.13**

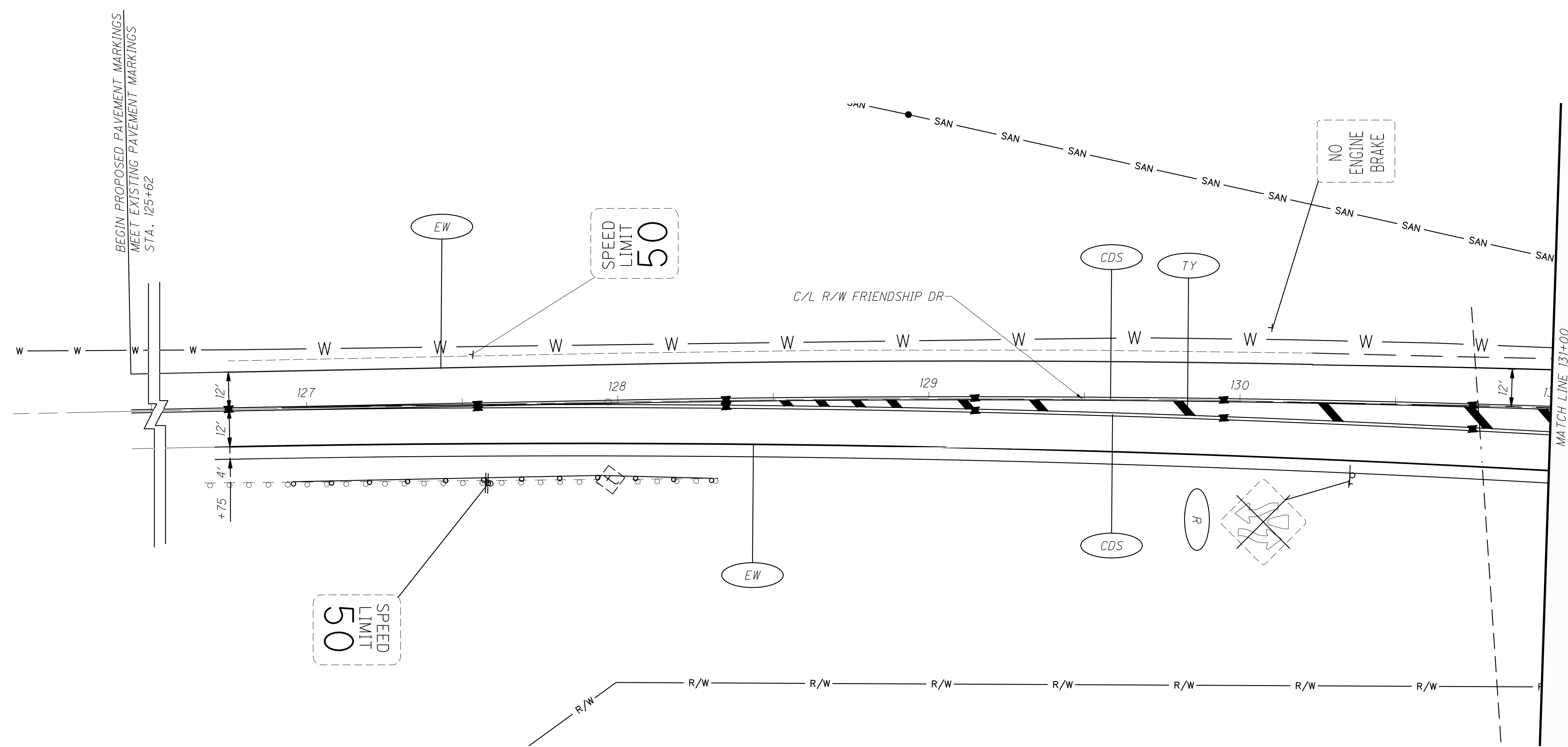
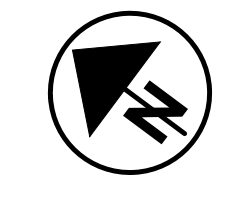
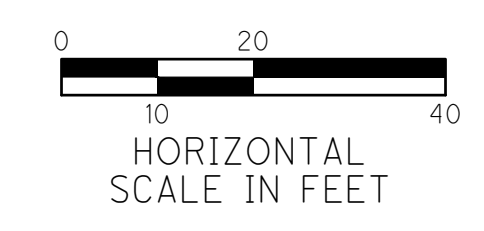
**C-825**

Drawing Name: O:\2020\2020117113\_New Concord OffHighway\Roadway\Sheets\202011713\_GI001.dwg  
 June 29, 2022 11:11 AM - drombosky

\* CONTRACTOR SHALL ADJUST GRADING IN THIS AREA TO ELIMINATE THE NEED FOR UTILITY ADJUSTMENT OR RELOCATION.

▣ TAPER CURB HEIGHT FROM 0" TO 6" OVER 10'

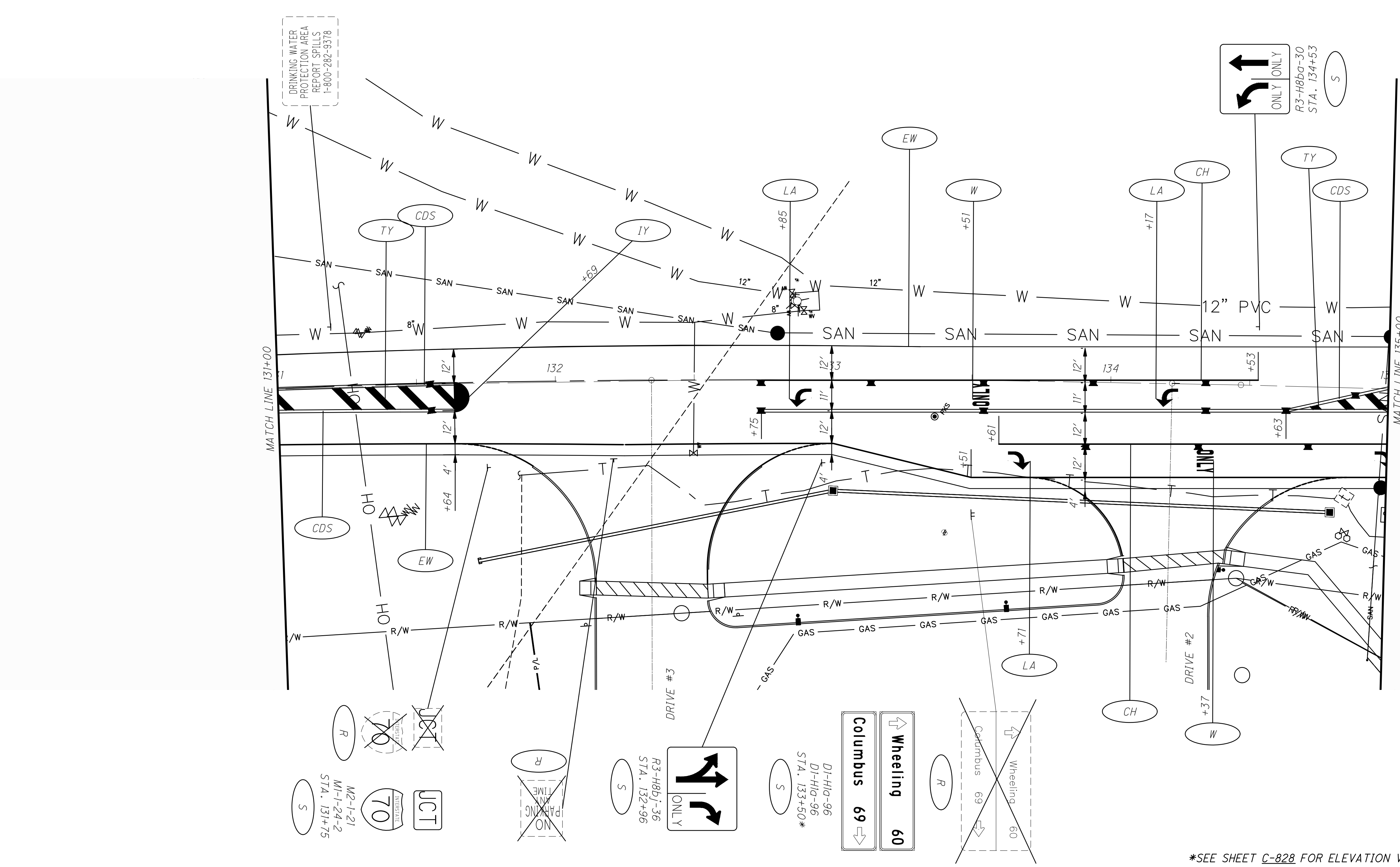




**STANDARD CONSTRUCTION DRAWINGS**

THE CONTRACTOR SHALL USE THE FOLLOWING ODOT CONSTRUCTION DRAWINGS:

TC-41.10	7/19/13
TC-41.20	10/18/13
TC-42.10	10/18/13
TC-42.20	10/18/13
TC-52.10	10/18/13
TC-52.20	1/15/21
TC-65.10	1/17/14
TC-65.11	7/21/17
TC-71.10	7/16/21

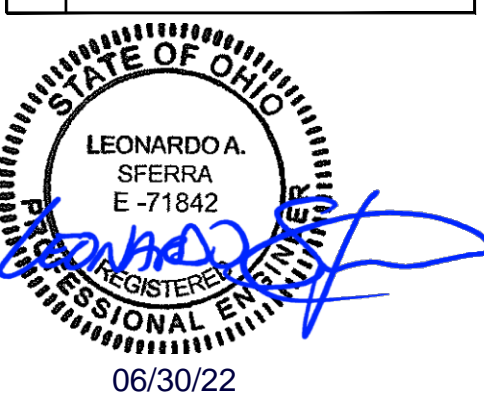


TRAFFIC CONTROL LEGEND

	EXISTING SIGN TO REMAIN
	PROPOSED SIGN
	EXISTING SIGN TO BE REMOVED
	SIGN SUPPORT
	RPM (RAISED PAVEMENT MARKER)
	EXISTING SIGN TO BE REMOVED
	PROPOSED SIGN
	EDGE LINE, 6", WHITE
	CENTER LINE, DOUBLE SOLID
	CHANNELIZING LINE
	TRANSVERSE/DIAGONAL LINE, YELLOW
	LANE ARROW
	ISLAND MARKING, YELLOW
	WORD ON PAVEMENT, 72"

\*SEE SHEET C-828 FOR ELEVATION VIEW.

REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

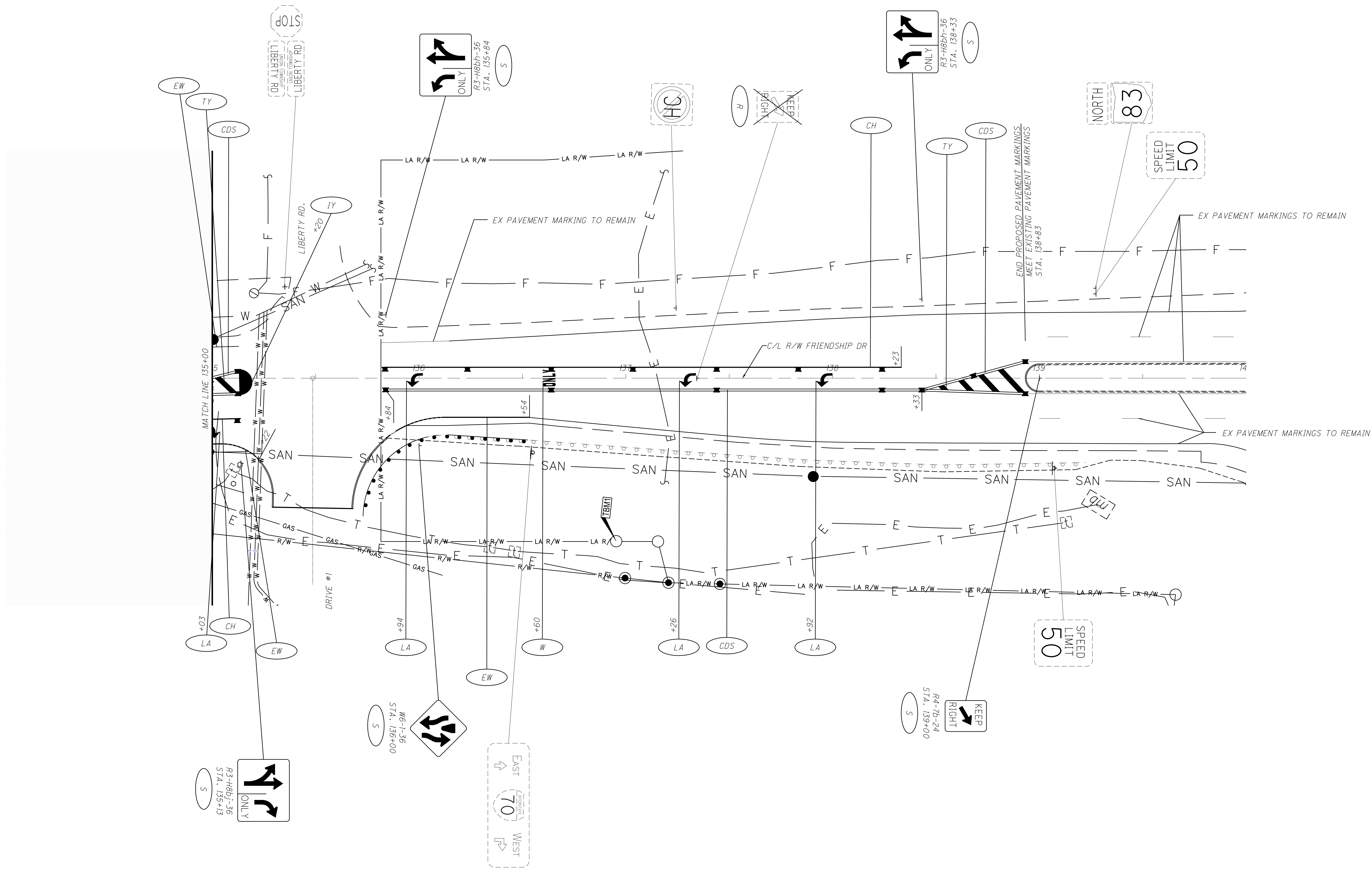
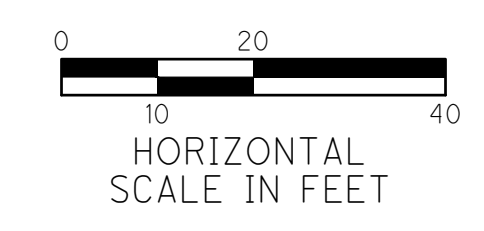
**TRAFFIC CONTROL PLAN**  
 BEGIN WORK TO STA. 135+00.00

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

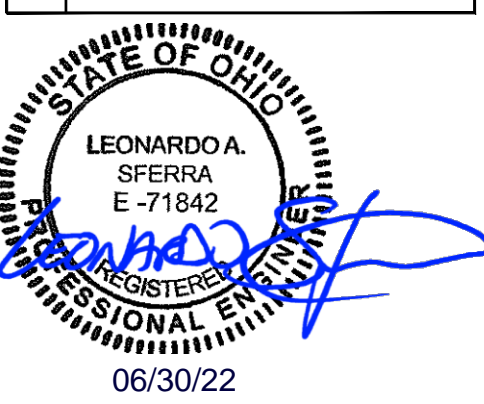
JOB NO.  
**2020117.13**

**C-826**





REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

**TRAFFIC CONTROL PLAN**  
 STA. 135+00.00 TO END WORK

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

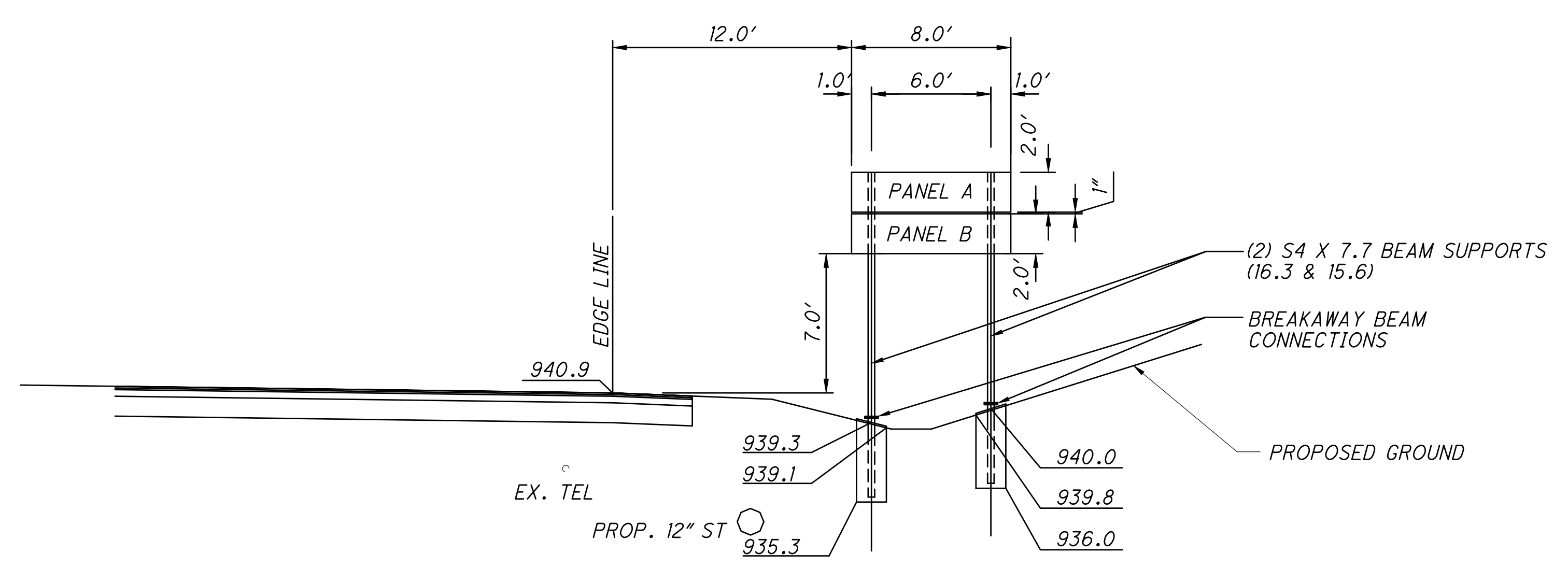
JOB NO.  
**2020117.13**

**C-827**



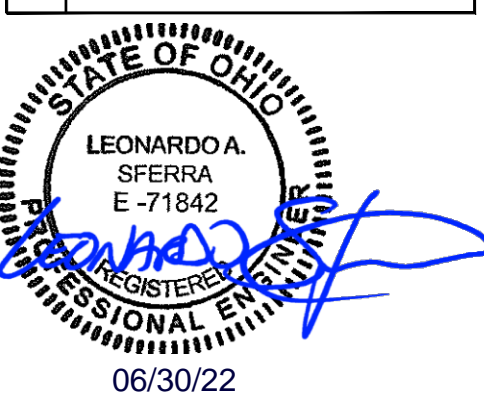
- NOTES:**
1. CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS PRIOR TO THE ORDERING OF ANY MATERIALS.
  2. ALL SIGNS ARE VIEWED IN THE DIRECTION OF TRAVEL.
  3. CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN FIELD PRIOR TO ANY EXCAVATION.

SIGN INFORMATION	
PANEL A	
SIGN DESIGNATION:	D1-H1a-96
PANEL SIZE:	8' X 2'
BACKGROUND:	GREEN
FILL COLOR:	WHITE
PANEL B	
SIGN DESIGNATION:	D1-H1a-96
PANEL SIZE:	8' X 2'
BACKGROUND:	GREEN
FILL COLOR:	WHITE
PROPOSED BEAM INFORMATION	
TOTAL SIGN AREA:	32.0 SQ. FT.
DESIGN TYPE:	S4 X 7.7
SIZE:	4 X 2-5/8
FOUNDATION INFORMATION	
DIAMETER:	18"
DEPTH:	4.0'



S BEAM SUPPORT TYPE S4 X 7.7  
STA. 133+50, S.B.

REV.	DATE	DESCRIPTION



NEW SHEETZ STORE  
SOUTH FRIENDSHIP DR (S.R. 83)  
NEW CONCORD, OH 43762  
BEAM ELEVATION DETAIL

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

JOB NO.  
2020117.13

C-828

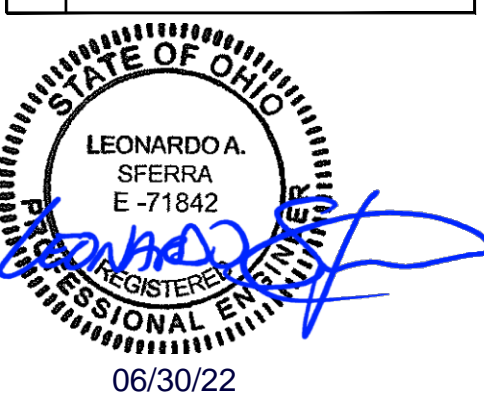


Drawing Name: C:\2020\20201117\13\_New Concord OffHighway\Roadway\Sheets\20201117\_13\_MM01.dwg  
June 29, 2022 10:59 AM - dromosky

1	2	3	4	5	6																				
<p><b>SEQUENCE OF CONSTRUCTION</b></p> <p><b>PHASE 1</b></p> <p>THE CONTRACTOR SHALL MAINTAIN A SINGLE NORTHBOUND AND SOUTHBOUND LANE TO THE OUTSIDE OF THE PAVEMENT ON SR 83 PER THE DETAILED PLANS. THE CONTRACTOR SHALL REMOVE THE EXISTING MEDIAN. AT THE END OF EACH DAY THE TRENCH SHALL BE PROTECTED UTILIZING BACK FILL OR STEEL PLATES. ALL TEMPORARY MARKINGS FOR PHASE 1 SHALL BE TAPE.</p> <p><b>PRE-PHASE 2</b></p> <p>THE CONTRACTOR SHALL INSTALL THE TEMPORARY PAVEMENT ALONG THE EAST SIDE OF SR 83 DURING OFF PEAK HOURS. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH MT-97.11.</p> <p><b>PHASE 2</b></p> <p>A SINGLE LANE OF TRAFFIC IN BOTH DIRECTIONS SHALL BE MAINTAINED. TRAFFIC SHALL BE SHIFTED TO THE EAST SIDE OF SR 83 UTILIZING THE EXISTING PAVEMENT AND TEMPORARY PAVEMENT INSTALLED IN PRE-PHASE 2. THE CONTRACTOR SHALL CONSTRUCT THE SOUTHBOUND RIGHT TURN LANE AND DRIVE RETURNS AT THIS TIME. ALL ROADWAY AND UTILITY IMPROVEMENTS SHALL BE CONSTRUCTED ON THE WEST SIDE OF SR 83. ALL UTILITY CROSSING ON SR 83 OUTSIDE THE WORK ZONE SHALL BE INSTALLED UTILIZING FLAGGERS.</p> <p><b>PHASE 3</b></p> <p>THE CONTRACTOR SHALL PERFORM PAVEMENT PLANNING, PLACE THE INTERMEDIATE COURSE AND PLACE THE FINAL ASPHALT SURFACE COURSE THROUGHOUT THE PROJECT LIMITS. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH MT -97.11. ALL PAVEMENT PLANNING AND RESURFACING SHALL BE COMPLETED DURING OFF-PEAK HOURS. DURING PLACEMENT OF FINAL PAVEMENT MARKINGS, TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH MT-99.20.</p> <p><b>WORK HOUR DESCRIPTIONS</b></p> <ol style="list-style-type: none"> <li>OFF-PEAK HOURS ARE DEFINED AS ANY PERIOD OTHER THAN 6:00-8:00 AM AND 4:00-6:00 PM (MONDAY THRU FRIDAY) AND LEGAL HOLIDAYS.</li> <li>NIGHTTIME HOURS ARE DEFINED AS BETWEEN 8:00 PM AND 6:00 AM.</li> </ol> <p><b>MAINTENANCE OF TRAFFIC</b></p> <p>THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, LATEST REVISION, THE SPECIFICATIONS AND THE FOLLOWING:</p> <ol style="list-style-type: none"> <li>A MINIMUM OF ONE TEN (10) FOOT LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT AND ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC.</li> <li>THE CONTRACTOR SHALL INFORM THE CITY OF SEVILLE (740) 826-7671 AND ODOT DISTRICT 5 (740) 323-4400, EIGHTEEN (18) DAYS PRIOR TO THE BEGINNING OF WORK.</li> <li>UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR BE PERMITTED TO HAVE SUCCESSIVE WORK ZONES UNLESS THE DISTANCE BETWEEN THE DRUMS, BARRICADES OR CONES EXCEEDS ONE (1) MILE.</li> <li>ONLY DURING OFF-PEAK PERIODS (I.E. ANY PERIOD OTHER THAN 6-8AM AND 4-6PM) SHALL THE CONTRACTOR INSTALL AND SUBSEQUENTLY RESET ALL TRAFFIC CONTROL NECESSARY FOR THE WORK ZONE FOR EACH CONSTRUCTION PHASE.</li> <li>NO DAILY LANE CLOSURE SHALL BE IMPLEMENTED DURING THE HOURS OF 6-8AM OR 4-6PM WEEKDAYS. ALL ADVANCE WARNING SIGNS FOR ANY CONDITION WHICH RESTRICTS TRAFFIC SHALL BE ERECTED BEFORE ANY SUCH RESTRICTION IS PUT INTO EFFECT. ALL SUCH SIGNS SHALL BE COVERED OR REMOVED FROM THE VIEW OF TRAFFIC WHEN THEY ARE NOT APPLICABLE, AS DETERMINED BY THE VILLAGE ENGINEER. LANE RESTRICTIONS AND LANE REDUCTIONS SHALL BE SIGNED AND DELINEATED PER SCD MT-95.31 AND MT-95.32.</li> <li>LENGTH AND DURATION OF LANE CLOSURE AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE VILLAGE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE VILLAGE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.</li> <li>SIGNS FURNISHED SHALL BE IN NEW OR LIKE NEW CONDITIONS. LIKE NEW SIGNS SHALL BE SUBJECT TO THE APPROVAL OF THE PROJECT ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR PROVIDING AND MAINTAINING LIGHTS, SIGNS, AND BARRICADES FOR THE MAINTENANCE OF TRAFFIC AND SAFETY OR HIS/HER WORK AT THE LOCATIONS SHOWN ON THESE PLANS OR AS DIRECTED BY THE VILLAGE ENGINEER.</li> <li>IF THE CONTRACTOR FAILS TO COMPLY WITH THE PROVISIONS FOR TRAFFIC CONTROL AS SET FORTH IN THESE PLANS AND PROVISIONS OF THE ODOT AND THE FAILURE RESULTS IN A CONDITION AT THE WORK SITE WHICH IS UNSAFE FOR TRAFFIC, THE VILLAGE ENGINEER MAY SUSPEND WORK UNTIL THE CONTRACTOR COMPLIES WITH THE NECESSARY REQUIREMENTS.</li> </ol> <p>ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&amp;MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.</p>	<p><b>ACCESS TO PROPERTIES</b></p> <p>ACCESS SHALL BE MAINTAINED TO ALL RESIDENTIAL AND COMMERCIAL PROPERTIES EXCEPT WHEN A DRIVEWAY MUST BE CLOSED FOR CONSTRUCTION. ALL RESIDENTS AND PROPERTY OWNERS SHALL BE PROVIDED WRITTEN NOTIFICATION BY THE CONTRACTOR A MINIMUM OF 72 HOURS PRIOR TO THE CLOSURE. THE NOTICE SHALL LIST THE TIME THE CLOSURE WILL BE IN EFFECT AND SHALL LIST 24-HOUR EMERGENCY PHONE NUMBERS OF THE CONTRACTOR RESPONSIBLE FOR THE CLOSURE. THE TIMES SHALL BE COORDINATED WITH EACH RESIDENT AND PROPERTY OWNER. INDIVIDUAL DRIVE CLOSURES SHALL BE KEPT TO THE MINIMUM TIME NEEDED FOR CONSTRUCTION ACTIVITIES. EVERY EFFORT MUST BE MADE TO ACCOMMODATE THE RESIDENT OR OWNER'S NEED FOR ACCESS. ACCESS MAY BE MAINTAINED WITH THE USE OF ASPHALT, AGGREGATE, OR STEEL PLATES.</p> <p>WHERE A DRIVEWAY IS WIDE ENOUGH, THE CONTRACTOR SHALL CONSTRUCT THE DRIVEWAY PART-WIDTH WHILE MAINTAINING TWO-WAY TRAFFIC. WHERE A PROPERTY HAS MORE THAN ONE DRIVEWAY, DRIVES SHALL BE CONSTRUCTED ONE AT A TIME.</p> <p><b>ITEM 615 - ROADS FOR MAINTAINING TRAFFIC, AS PER PLAN</b></p> <p>IN ADDITION TO THE REQUIREMENTS OF ODOT C&amp;MS 615, THIS ITEM SHALL INCLUDE TEMPORARY DRAINAGE ITEMS, RESTORATION OF ALL SURFACES AND SIGNS DISTURBED BY THE PLACEMENT OF PAVEMENT FOR MAINTAINING TRAFFIC OUTSIDE OF THE PROJECT LIMITS.</p> <p><b>TRENCH FOR WIDENING</b></p> <p>TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER.</p> <p><b>OVERNIGHT TRENCH CLOSING</b></p> <p>THE TRENCHES FOR ANY UTILITY CROSSING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 3 INCHES BELOW THE EXISTING PAVEMENT BY THE END OF EACH WORK DAY. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT EXCEPT FOR A SHORT LENGTH (25 FEET OR LESS) OF A WORK SECTION AT THE END OF THE TRENCH. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED BASE WIDENING SHALL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER.</p> <p><b>PLACEMENT OF ASPHALT CONCRETE</b></p> <p>TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.</p> <p><b>DELINEATION OF PORTABLE AND PERMANENT BARRIER</b></p> <p>BARRIER REFLECTORS SHALL BE INSTALLED ON ALL TEMPORARY GUARDRAIL USED FOR TRAFFIC CONTROL; AND, ON ALL PERMANENT GUARDRAIL LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE. BARRIER REFLECTORS SHALL CONFORM TO C&amp;MS 626 AND THE SPACING SHALL BE APPROXIMATELY 50 FEET.</p> <p>OBJECT MARKERS SHALL BE INSTALLED ON ALL TEMPORARY AND PERMANENT GUARDRAIL LOCATED WITHIN 5 FEET OF THE EDGE OF THE ADJACENT TRAVEL LANE. GUARDRAIL-MOUNTING OF OBJECT MARKERS SHALL BE MADE BY INSTALLING THE OBJECT MARKERS ON THE EXTENSION BLOCKS RATHER THAN DIRECTLY ONTO THE GUARDRAIL ITSELF. OBJECT MARKERS SHALL CONFORM TO C&amp;MS 614.03 AND THE SPACING SHALL BE APPROXIMATELY 50 FEET WITH A 25 FOOT OFFSET FROM THE BARRIER REFLECTORS.</p> <p><b>MOT SIGNAGE</b></p> <p>ALL REQUIRED SIGNING PER THE ODOT SHALL BE IN PLACE PRIOR TO BEGINNING MAINTENANCE OF TRAFFIC OPERATIONS.</p> <p><b>STANDARD CONSTRUCTION DRAWINGS</b></p> <p>THE CONTRACTOR SHALL USE THE FOLLOWING ODOT CONSTRUCTION DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:</p> <table border="1"> <tr><td>MT-95.31</td><td>7/19/19</td></tr> <tr><td>MT-95.32</td><td>4/19/19</td></tr> <tr><td>MT-97.10</td><td>4/19/19</td></tr> <tr><td>MT-97.11</td><td>1/20/17</td></tr> <tr><td>MT-99.20</td><td>4/19/19</td></tr> <tr><td>MT-101.90</td><td>7/17/20</td></tr> <tr><td>MT-102.20</td><td>4/19/19</td></tr> <tr><td>MT-105.10</td><td>1/17/20</td></tr> <tr><td>SS 821</td><td>4/20/12</td></tr> <tr><td>SS 921</td><td>4/20/12</td></tr> </table>	MT-95.31	7/19/19	MT-95.32	4/19/19	MT-97.10	4/19/19	MT-97.11	1/20/17	MT-99.20	4/19/19	MT-101.90	7/17/20	MT-102.20	4/19/19	MT-105.10	1/17/20	SS 821	4/20/12	SS 921	4/20/12	<p><b>ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS</b></p> <p>USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE ODOT INTENDS THAT FLAGGERS BE USED.</p> <p>IN ADDITION TO THE REQUIREMENTS OF CMS 614 AND THE ODOT, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:</p> <p>DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.</p> <p>FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).</p> <p>LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.</p> <p>IN GENERAL LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION OR AT THE POINT OF ROAD CLOSURE, AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONE.</p> <p>LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.</p> <p>THE LEOS WORK AT THE DIRECTION OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.</p> <p>ENSURE PROVIDED LEOS HAVE BEEN TRAINED APPROPRIATE TO THE JOB DECISIONS THEY ARE REQUIRED TO MAKE WHILE ON THE PROJECT, IN ACCORDANCE WITH C&amp;MS 614.03.</p> <p>THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. ONCE THE LEO HAS COMPLETED THE DUTIES DESCRIBED ABOVE AND STILL HAS TIME REMAINING ON HIS/HER SHIFT, THE LEO MAY BE ASKED TO PATROL THROUGH THE WORK ZONE (WITH FLASHING LIGHTS OFF) OR BE PLACED AT A LOCATION TO DETER MOTORISTS FROM SPEEDING. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.</p>			
MT-95.31	7/19/19																								
MT-95.32	4/19/19																								
MT-97.10	4/19/19																								
MT-97.11	1/20/17																								
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MT-105.10	1/17/20																								
SS 821	4/20/12																								
SS 921	4/20/12																								



DESCRIPTION	
DATE	
REV.	



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762  
**MAINTENANCE OF TRAFFIC NOTES**

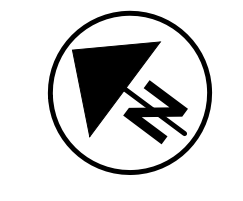
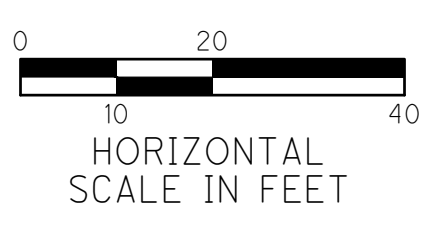
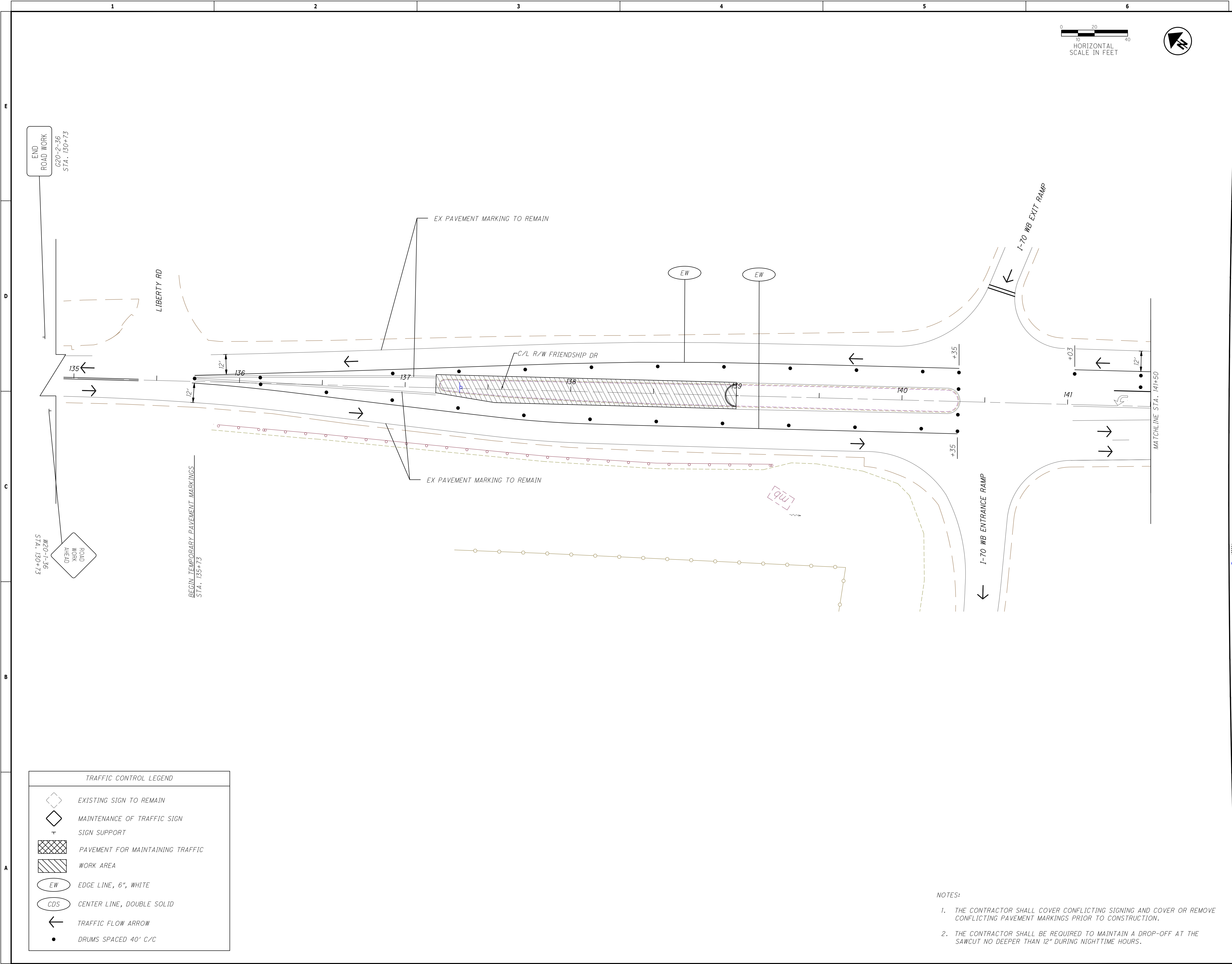
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CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

JOB NO.  
**2020117.13**

**C-803**



Drawing Name: O:\2020\2020117113\_New Concord Off-Road\Roadway\Sheets\202011713\_MP011.dwg  
June 29, 2022 11:03 AM - ddomrosky



**GPD GROUP**  
Glaus, Pyle, Schomer, Burns & DeLaven, Inc.  
530 South Main Street, Suite 2531  
Akron, OH 44311  
330.572.2100 Fax 330.572.2103  
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END ROAD WORK  
620-2-36  
STA. 150+73

ROAD WORK AHEAD  
W20-1-36  
STA. 130+73

BEGIN TEMPORARY PAVEMENT MARKINGS  
STA. 135+73

EX PAVEMENT MARKING TO REMAIN

EX PAVEMENT MARKING TO REMAIN

C/L R/W FRIENDSHIP DR

EW

EW

I-70 WB EXIT RAMP

I-70 WB ENTRANCE RAMP

MATCHLINE STA. 141+50

TRAFFIC CONTROL LEGEND	
	EXISTING SIGN TO REMAIN
	MAINTENANCE OF TRAFFIC SIGN
	SIGN SUPPORT
	PAVEMENT FOR MAINTAINING TRAFFIC
	WORK AREA
	EDGE LINE, 6", WHITE
	CENTER LINE, DOUBLE SOLID
	TRAFFIC FLOW ARROW
	DRUMS SPACED 40' C/C

REV.	DATE	DESCRIPTION

STATE OF OHIO  
LEONARDO A. SFERRA  
E-71842  
PROFESSIONAL ENGINEER  
06/30/22

ISSUED FOR:  
PERMIT  
BID  
CONSTRUCTION  
RECORD

PROJECT MANAGER  
DESIGNER

NEW SHEETZ STORE  
SOUTH FRIENDSHIP DR (S.R. 83)  
NEW CONCORD, OH 43762

MAINTENANCE OF TRAFFIC PLAN - PHASE 1  
BEGIN WORK TO STA. 141+50.00

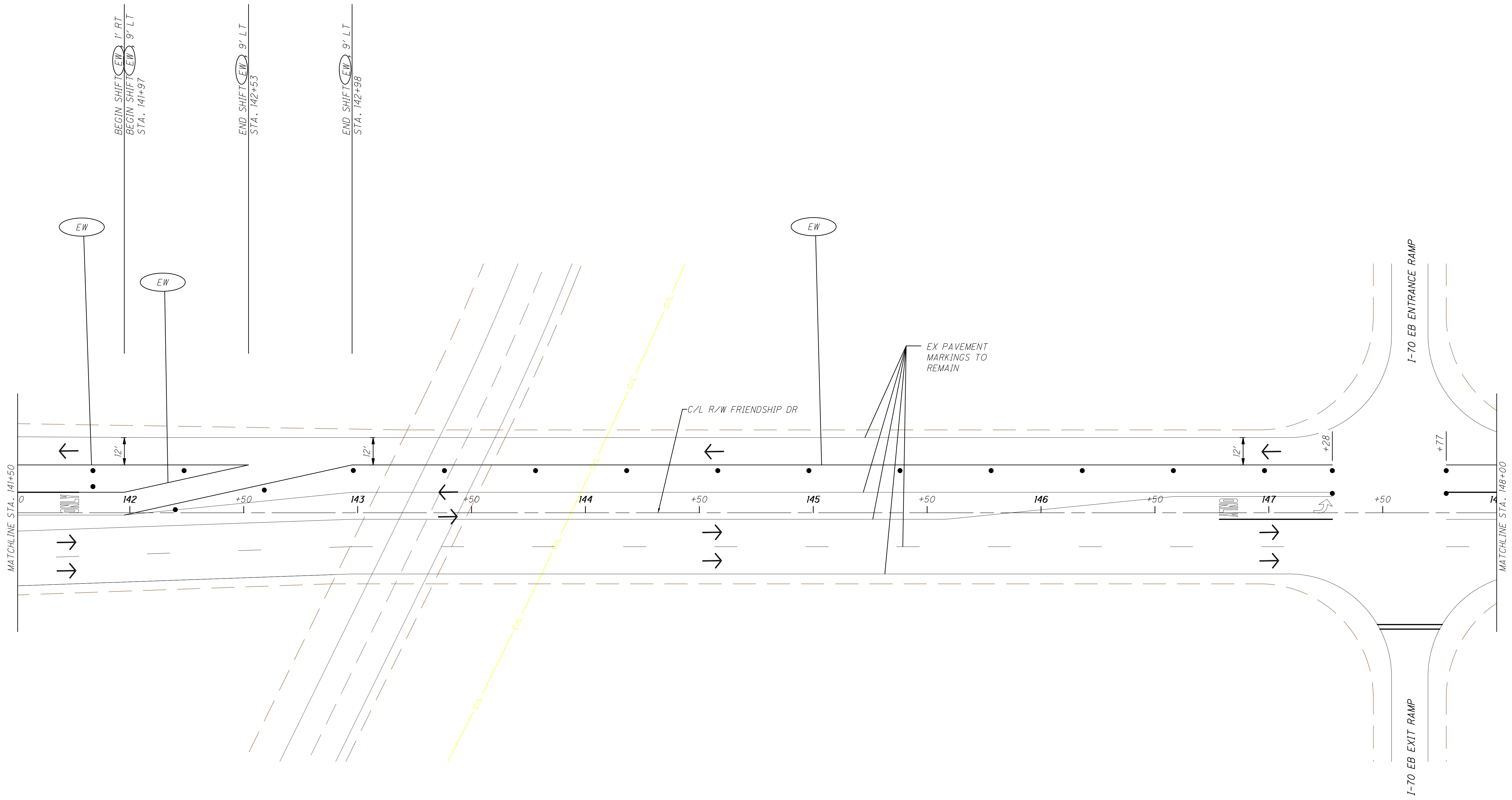
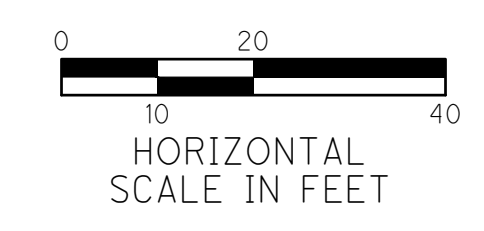
NOTES:

1. THE CONTRACTOR SHALL COVER CONFLICTING SIGNING AND COVER OR REMOVE CONFLICTING PAVEMENT MARKINGS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN A DROP-OFF AT THE SAWCUT NO DEEPER THAN 12" DURING NIGHTTIME HOURS.

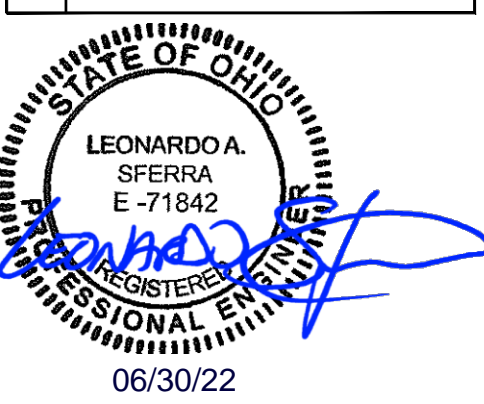
JOB NO.  
2020117.13

C-804





REV	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

**MAINTENANCE OF TRAFFIC PLAN - PHASE 1**  
 STA. 141+50.00 TO STA. 148+50.00

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

JOB NO.  
**2020117.13**

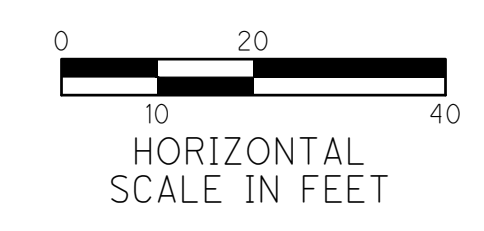
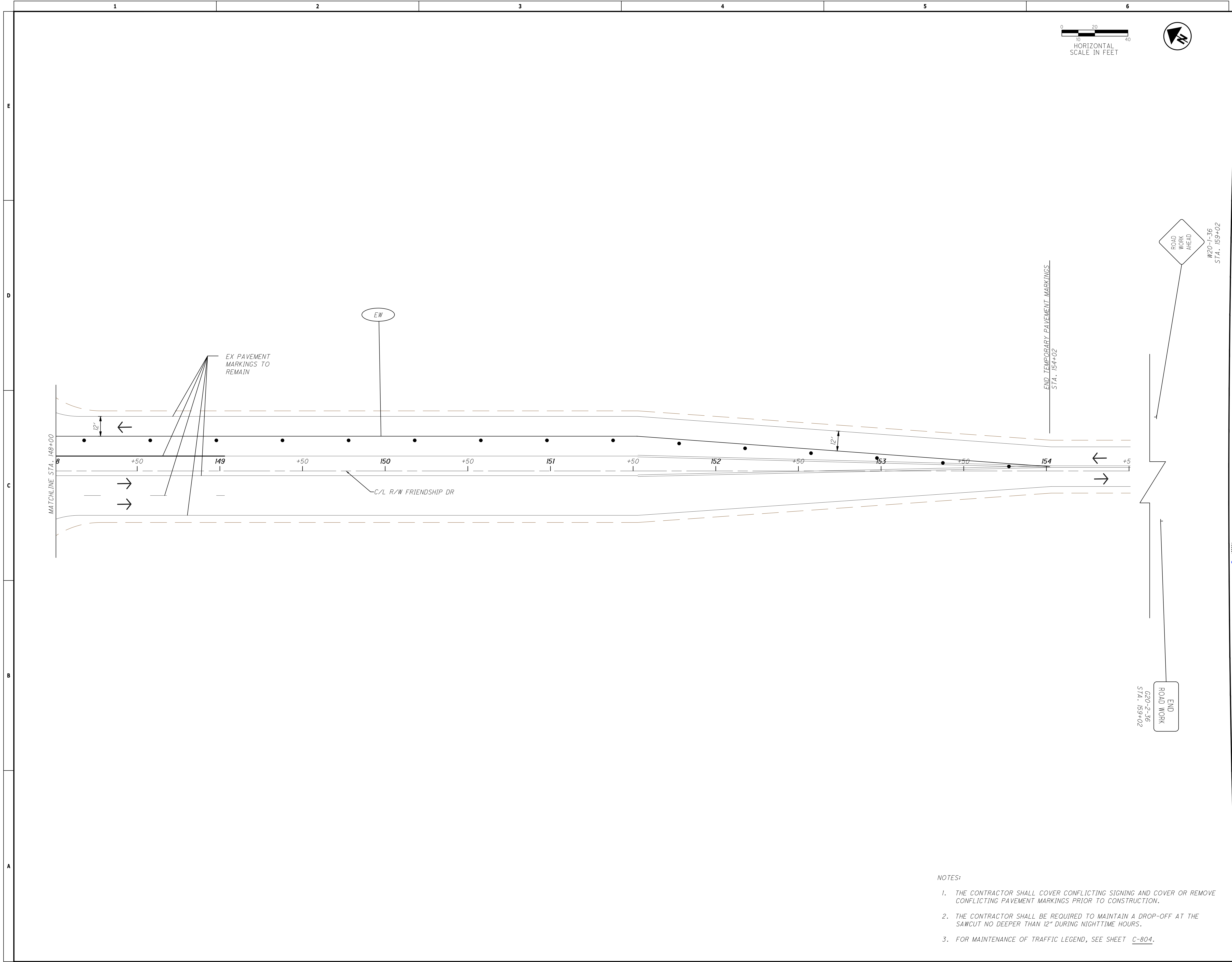
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**NOTES:**

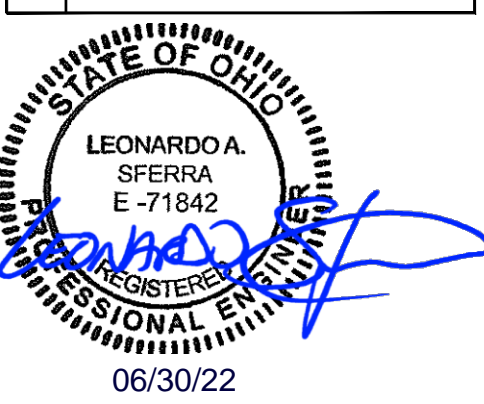
1. THE CONTRACTOR SHALL COVER CONFLICTING SIGNING AND COVER OR REMOVE CONFLICTING PAVEMENT MARKINGS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN A DROP-OFF AT THE SAWCUT NO DEEPER THAN 12" DURING NIGHTTIME HOURS.
3. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET C-804.



Drawing Name: O:\2020\2021\17113\_New Concord OH\dwg\Roadway\Sheets\2021\1713\_MP011.dwg  
 June 29, 2022 11:03 AM - ddomrosky



REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

**MAINTENANCE OF TRAFFIC PLAN - PHASE 1**  
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BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

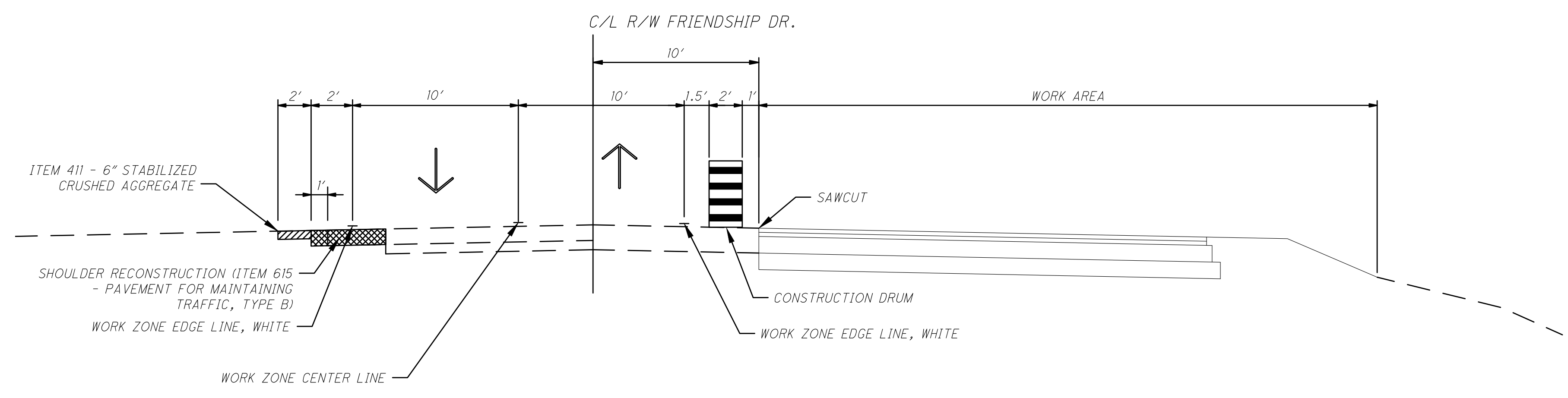
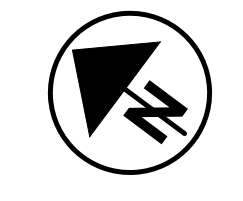
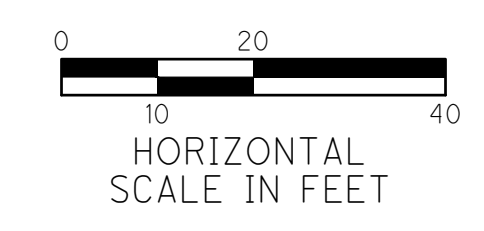
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**2020117.13**

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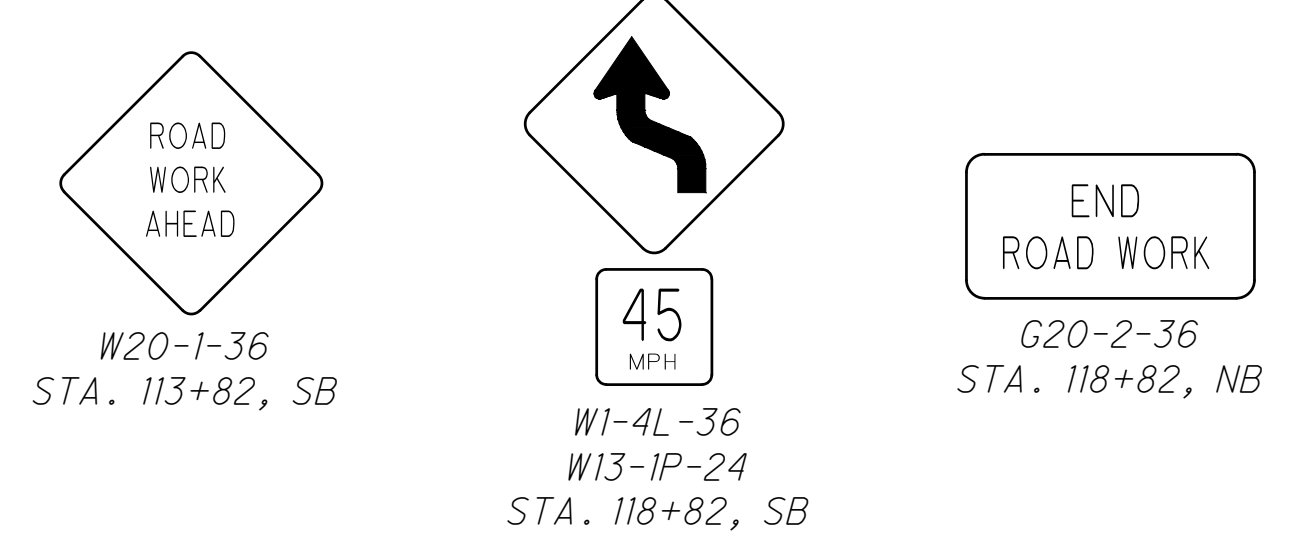
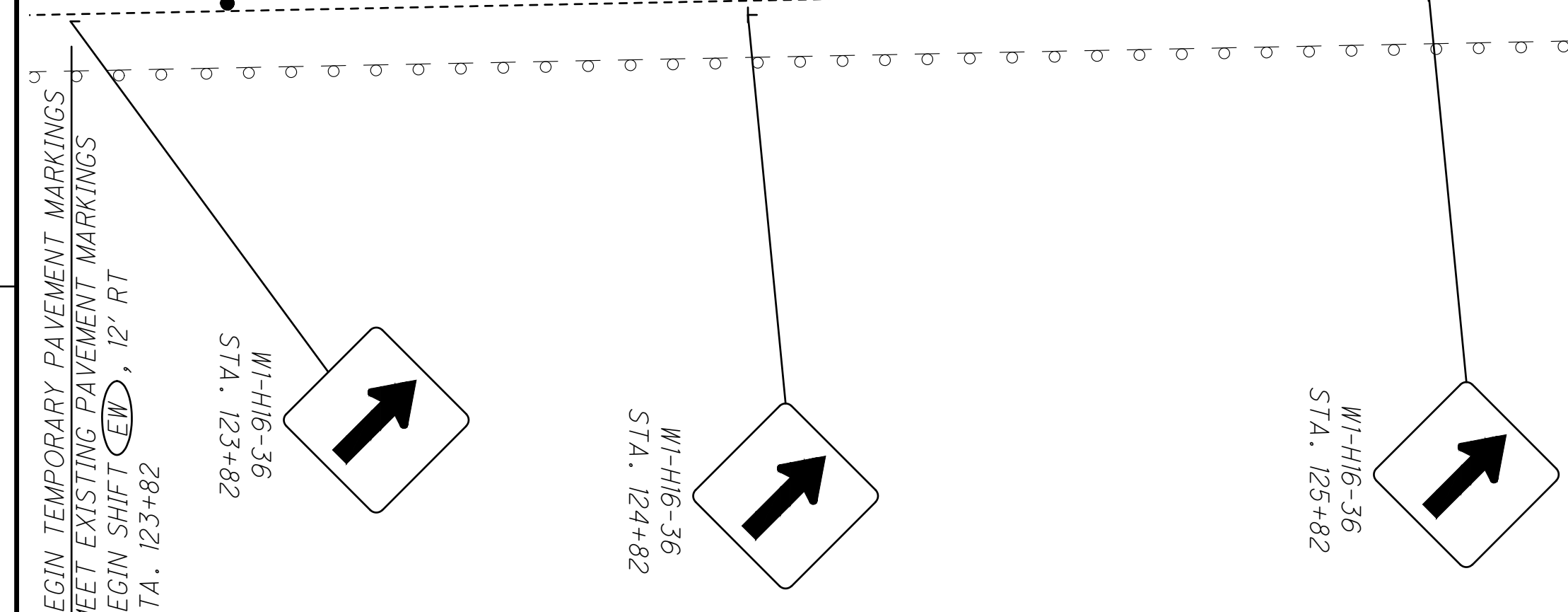
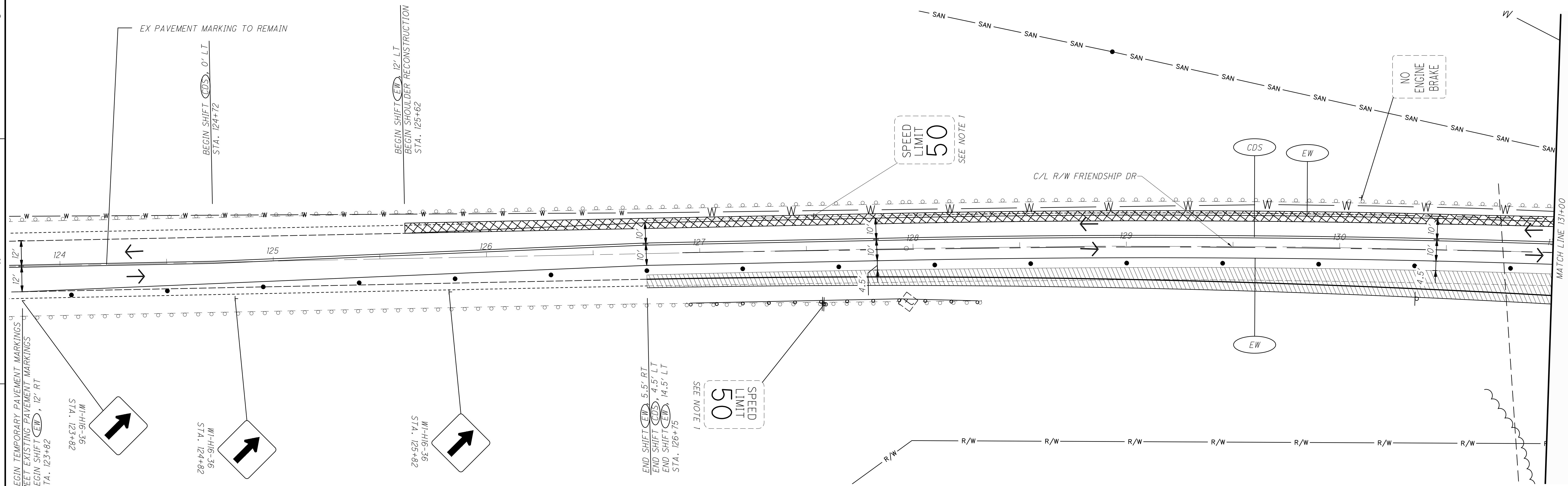
**NOTES:**

1. THE CONTRACTOR SHALL COVER CONFLICTING SIGNING AND COVER OR REMOVE CONFLICTING PAVEMENT MARKINGS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN A DROP-OFF AT THE SAWCUT NO DEEPER THAN 12" DURING NIGHTTIME HOURS.
3. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET C-804.





MAINTENANCE OF TRAFFIC SECTION - FRIENDSHIP DR.

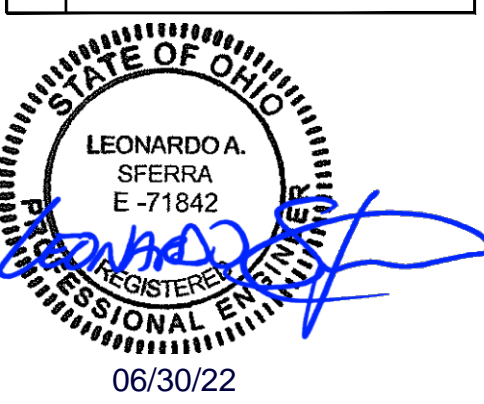


LEAD-IN SIGNAGE

NOTES:

1. THE CONTRACTOR SHALL COVER CONFLICTING SIGNING AND COVER OR REMOVE CONFLICTING PAVEMENT MARKINGS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN A DROP-OFF AT THE SAWCUT NO DEEPER THAN 12" DURING NIGHTTIME HOURS.
3. ALL TEMPORARY PAVEMENT SHALL LOCATED WITHIN THE LIMITS OF THE EXISTING PAVED SHOULDER SHALL REMAIN UPON COMPLETION OF CONSTRUCTION.
4. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET C-804.

REV.	DATE	DESCRIPTION



ISSUED FOR:  
 PERMIT  
 BID  
 CONSTRUCTION  
 RECORD

PROJECT MANAGER DESIGNER

NEW SHEETZ STORE  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

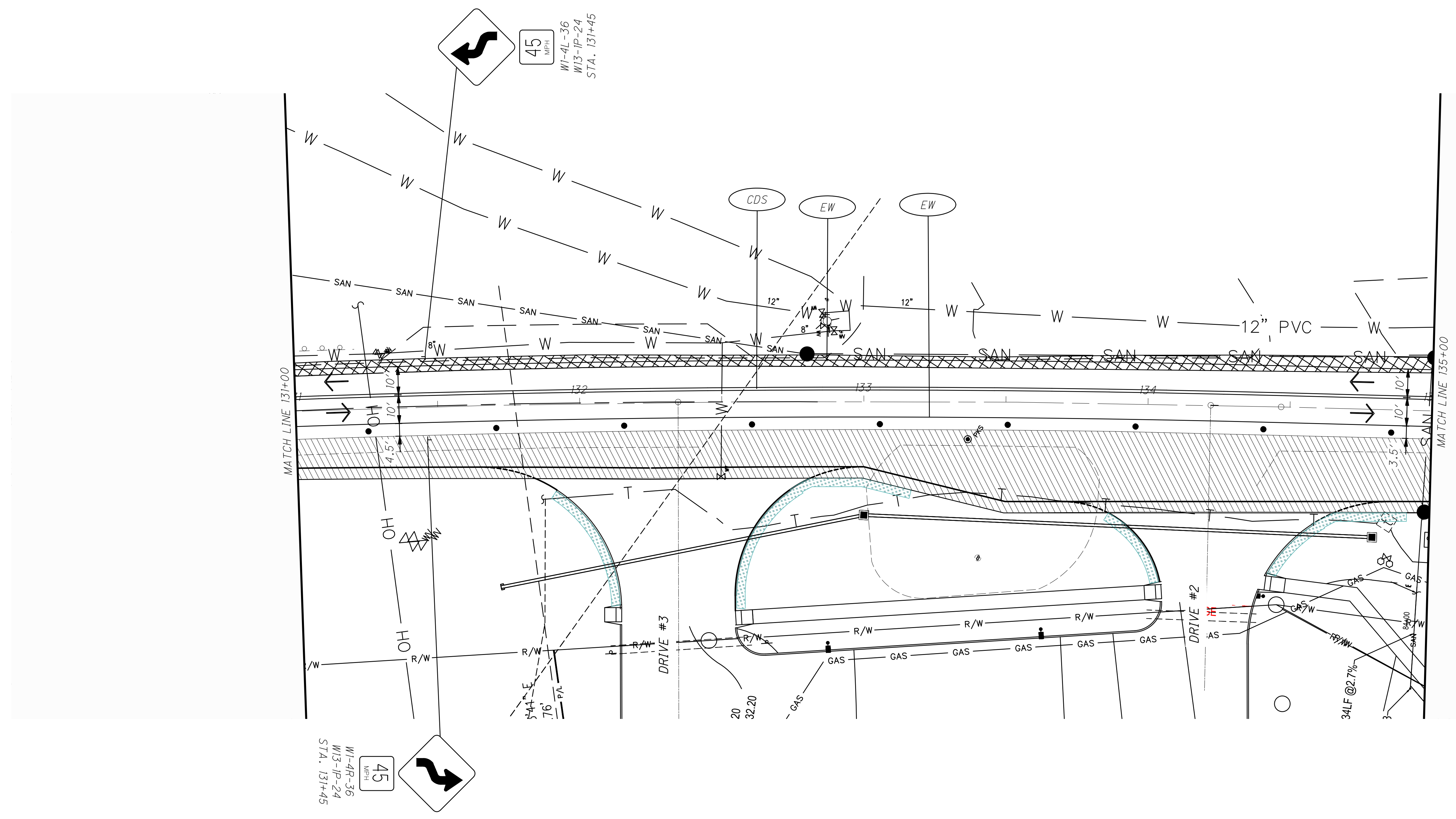
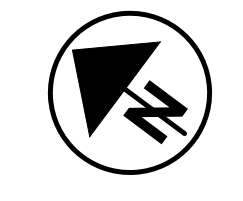
MAINTENANCE OF TRAFFIC PLAN - PHASE 2  
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PROJECT MANAGER	DESIGNER

JOB NO.  
 2020117.13

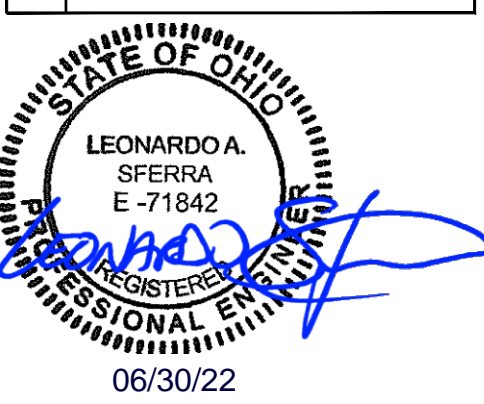
C-807





Drawing Name: O:\2020\2020117113\_New Concord OH\Highway\Roadway\Sheets\202011713\_MF001.dwg  
June 29, 2022 11:4 AM - ddomrosky

REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
SOUTH FRIENDSHIP DR (S.R. 83)  
NEW CONCORD, OH 43762

**MAINTENANCE OF TRAFFIC PLAN - PHASE 2**  
STA. 131+00.00 TO STA. 135+00.00

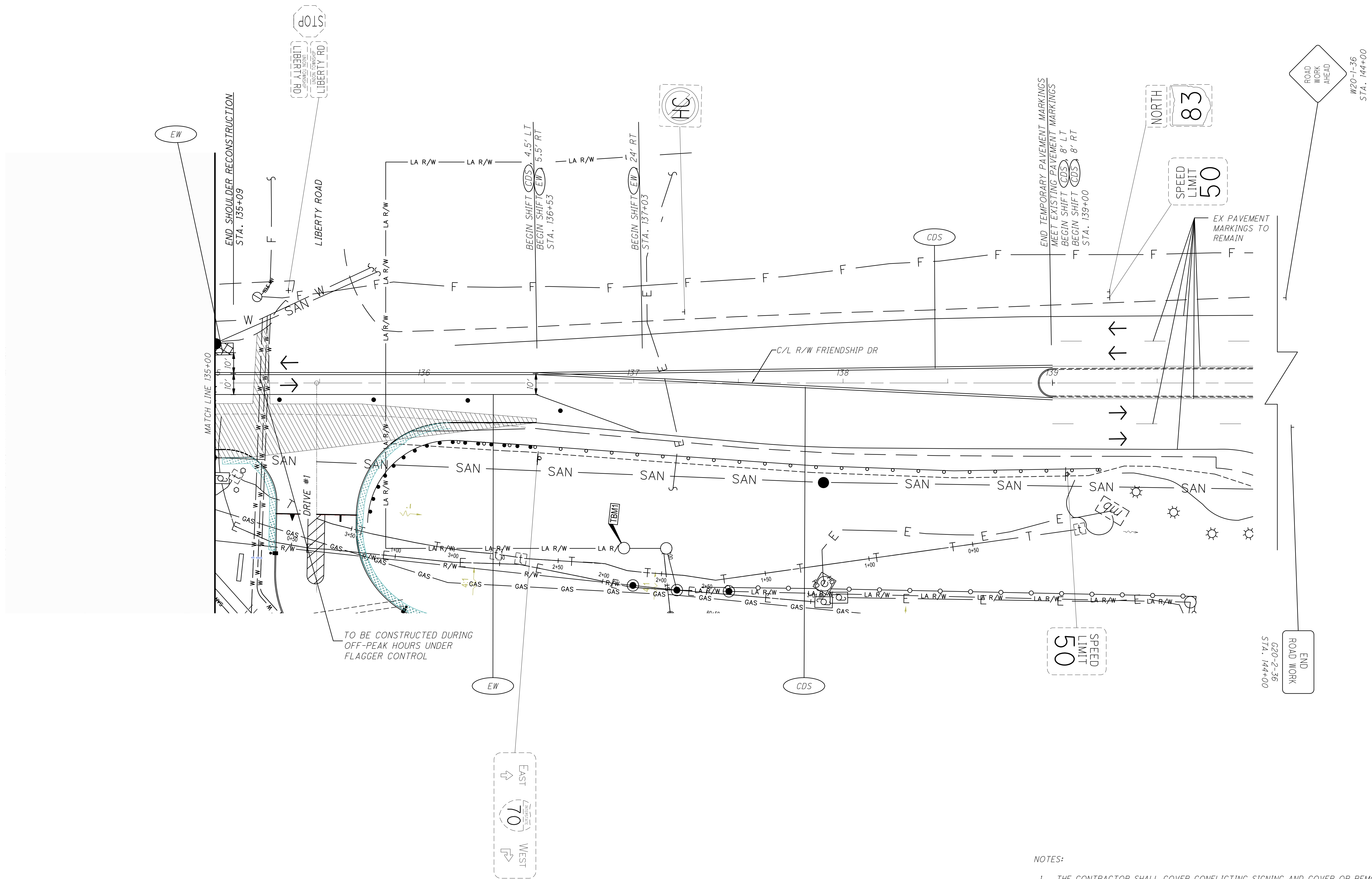
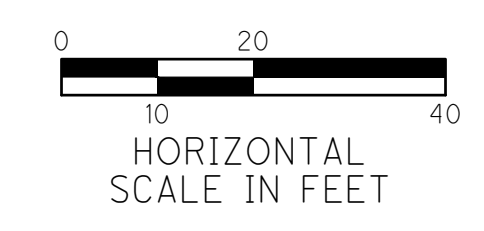
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CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

JOB NO.  
**2020117.13**

**C-808**

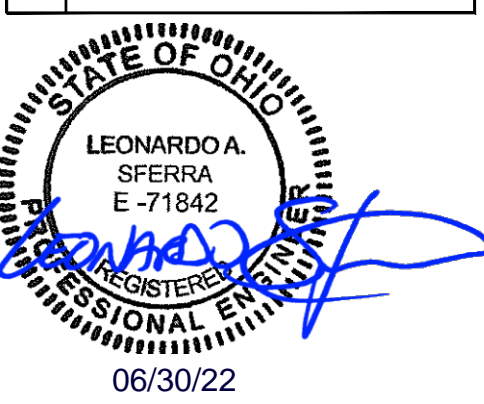
- NOTES:
1. THE CONTRACTOR SHALL COVER CONFLICTING SIGNING AND COVER OR REMOVE CONFLICTING PAVEMENT MARKINGS PRIOR TO CONSTRUCTION.
  2. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN A DROP-OFF AT THE SAWCUT NO DEEPER THAN 12" DURING NIGHTTIME HOURS.
  3. ALL TEMPORARY PAVEMENT SHALL LOCATED WITHIN THE LIMITS OF THE EXISTING PAVED SHOULDER SHALL REMAIN UPON COMPLETION OF CONSTRUCTION.
  4. FOR MAINTENANCE OF TRAFFIC LEGEND, SEE SHEET C-804.





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REV.	DATE	DESCRIPTION



**NEW SHEETZ STORE**  
 SOUTH FRIENDSHIP DR (S.R. 83)  
 NEW CONCORD, OH 43762

**MAINTENANCE OF TRAFFIC PLAN - PHASE 2**  
 STA. 135+00.00 TO END WORK

ISSUED FOR:	
PERMIT	
BID	
CONSTRUCTION	
RECORD	
PROJECT MANAGER	DESIGNER

JOB NO.  
**2020117.13**

**C-809**