

C:\IDC\ACCDocs\CESO\Hang10 Portsmouth NH\Project Files_CESOL03-CIVIL\PLAN\LOT766656_C1.0_Cover_Sheet.dwg - 10/7/2025 - Marvin Maldonado

OWNER:
HANG10 CAR WASH
1380 SOLDIERS FIELD ROAD
BOSTON, MA 02135
CONTACT: STEVE LUKIN

ARCHITECT:
CESO, INC.
175 MONTROSE WEST AVENUE SUITE 400
AKRON, OH 44321
PHONE: (330) 665-0660
CONTACT: ANDY ARDITO

WATER:
CITY OF PORTSMOUTH WATER DIVISION
680 PEVERLY HILL RD
PORTSMOUTH, NH 03801
PHONE: (603) 610-7237

STORMWATER:
CITY OF PORTSMOUTH STORMWATER
680 PEVERLY HILL RD
PORTSMOUTH, NH 03801
PHONE: (603) 427-1530

ZONING:
CITY OF PORTSMOUTH ZONING ENFORCEMENT
1 JUNKINS AVE.
PORTSMOUTH, NH 03801
CONTACT: PETER BRITZ
PHONE: (603) 610-7279

ENGINEER:
CESO, INC.
4445 LAKE FOREST DRIVE
CINCINNATI, OH 45242
PHONE: (937) 435-8584
CONTACT: PAIGE WEIDNER

GAS SERVICE:
UNITIL - NORTHERN UTILITIES -NH
PHONE: (603) 294-5177

COMMUNICATIONS:
CONSOLIDATED COMMUNICATIONS
PHONE (207) 852-8315

ELECTRIC:
EVERSOURCE - ELECTRIC
PHONE: (800) 340-9822

GOVERNING AGENCIES AND UTILITY COMPANIES

SEWER:
CITY OF PORTSMOUTH WATER & WASTEWATER
680 PEVERLY HILL RD
PORTSMOUTH, NH 03801
PHONE: (603) 427-1530

PROPERTY DATA:

PARCEL OWNER:	RYE PORT PROPERTIES LLC	
PARCEL ID:	0272-0004-000	
ADDRESS:	2299 LAFAYETTE RD PORTSMOUTH, NH 03801	
PROPERTY AREA:	1.83 AC	
ZONING:	G1 - GATEWAY CORRIDOR	
PROPOSED USE:	G1 - GATEWAY CORRIDOR	
	<u>REQUIRED</u>	<u>PROPOSED</u>
BUILDING SETBACKS		
FRONTAGE ALONG STREET:	100'	125'
SIDE:	10'	61'
REAR:	10'	144'
SIGN SETBACKS:	10'	11'
MAXIMUM BUILDING HEIGHT:	20'	
BUILDING AREA:	N/A	4,499 SF
PARKING:		
TOTAL PARKING SPACES:	14	30
ADA PARKING SPACES:	1	1

PARCEL IS LOCATED WITHIN "ZONE X" AS INDICATED BY THE FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBER 33015C0270F, EFFECTIVE DATE: 01/29/2021, PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

CITY OF PORTSMOUTH, ROCKINGHAM COUNTY COUNTY, NH

SITE PLAN

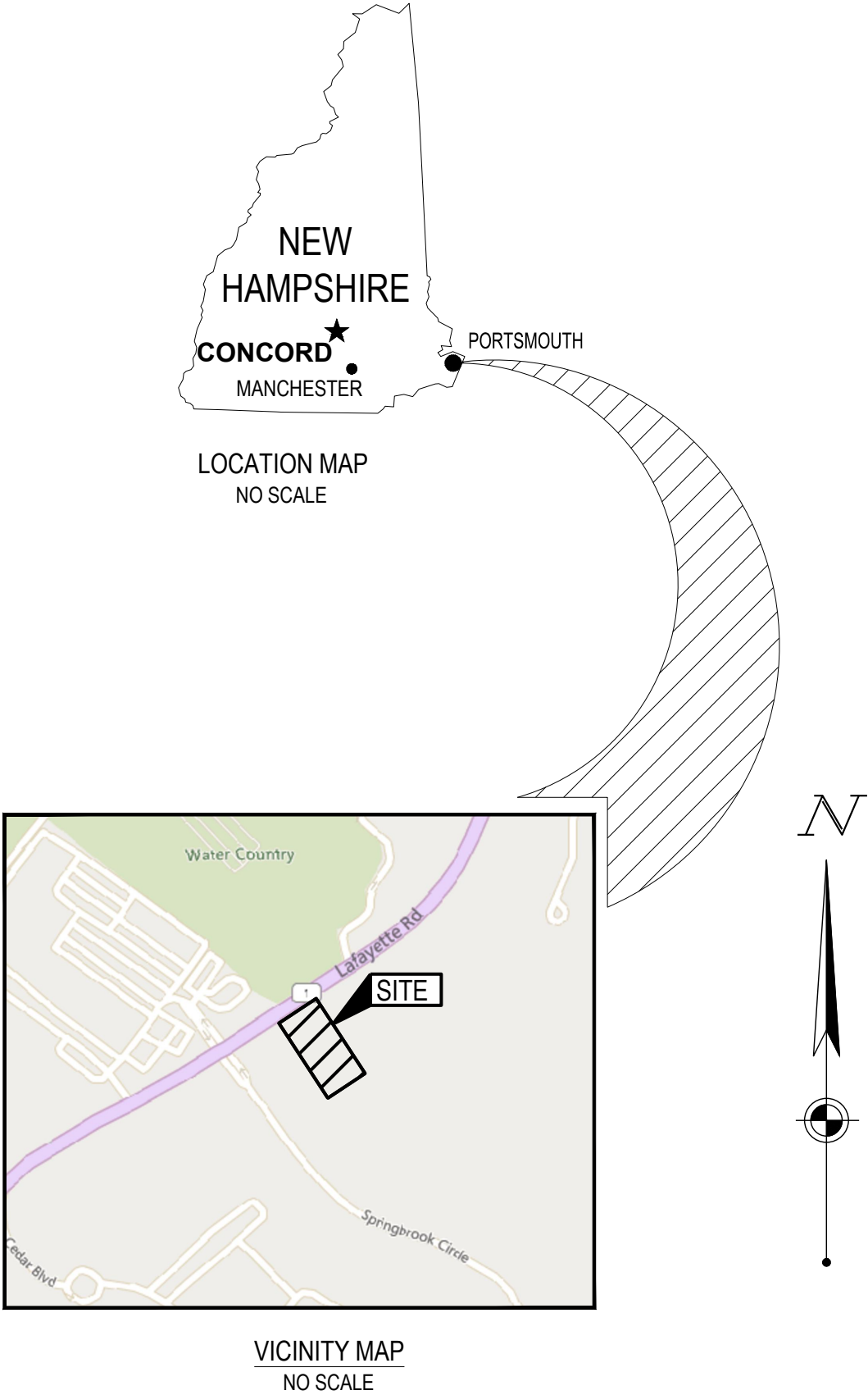
FOR

HANG 10

2299 LAFAYETTE RD

PORTSMOUTH, NH

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BENCHMARKS		
	ELEVATION*	DESCRIPTION
BM #1	70.39'	SET RAILROAD SPIKE IN BASE OF POWER POLE
BM #2	69.48'	SET CHISELED "X" IN CONCRETE

* VERTICAL DATUM: NAVD88 IN US FEET

SURVEY PROVIDED BY:
BLEW ASSOCIATES
3625 SHILOH DRIVE
FAYETTEVILLE AR 72703
PHONE: 479.443.4506
DATED: 08/22/2025

CESO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW ASSOCIATES. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.



SEVENTY-TWO (72) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEW HAMPSHIRE UTILITIES PROTECTION SERVICE AT 811 OR 888-344-7233 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF STATE UTILITIES PROTECTION SERVICE

3601 Rigby Rd., Suite 300
Merrimack, NH 03042
Phone: 937.435.8584 Fax: 888.208.4826

HANG10 CAR WASH

PORTSMOUTH, NH

2299 LAFAYETTE RD
PORTSMOUTH, NH 03801

Revisions / Submissions

ID	Description	Date
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Project Number: 766656

Scale: NOT TO SCALE

Drawn By: VMO

Checked By: CG

Date: 10/03/2025

Issue: NOT FOR CONSTRUCTION

Drawing Title:

TITLE SHEET

C1.0

GENERAL NOTES

DEMOLITION NOTES

1.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL. THE DEMOLITION, REMOVAL, AND DISPOSAL IS TO BE APPROVED BY ALL GOVERNING AUTHORITIES, OF ALL FACILITIES SUCH AS: STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING, DRIVES, DRAINAGE, STRUCTURES, UTILITIES, WELLS, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL AS SPECIFIED BY A QUALIFIED PROFESSIONAL GEOTECHNICAL ENGINEER. IF UNDOCUMENTED FACILITIES ARE FOUND ON SITE, CONTRACTOR SHALL CONTACT THE OWNER AND UTILITY COMPANY PRIOR TO REMOVAL. ALL FACILITIES SHALL BE PLUGGED, ABANDONED, OR REMOVED PER STATE AND LOCAL REQUIREMENTS.
2.

FEDERAL, STATE AND LOCAL CODE REQUIREMENTS SHALL GOVERN THE DISPOSAL OF DEBRIS INCLUDING ANY POTENTIALLY HAZARDOUS AND TOXIC MATERIALS. ALL MATERIALS AND STRUCTURES DESIGNATED AS "TO BE REMOVED" SHALL BE DISPOSED OF OFF SITE AND AT THE COST OF THE CONTRACTOR.
3.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING JOB SITE SAFETY PER OSHA REQUIREMENTS AT ALL TIMES.
4.

PRIOR TO DEMOLITION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL THE STATE 811 AND NOTIFY ALL UTILITY COMPANIES TO SCHEDULE UTILITY SERVICE REMOVAL AND/OR ABANDONMENT. ALL UTILITIES SHALL BE REMOVED/RELOCATED PER THE SPECIFICATIONS OF THE UTILITY COMPANIES. THE CONTRACTOR IS RESPONSIBLE TO PAY ALL FEES AND CHARGES ASSOCIATED WITH THIS WORK
5.

CONTRACTOR SHALL MAINTAIN ALL UTILITY SERVICES TO INHABITED BUILDINGS ON SITE AND ADJACENT PROPERTIES AT ALL TIMES. INTERRUPTIONS SHALL BE APPROVED BY THE OWNERS OF THE BUILDINGS/PROPERTIES.
6.

THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ONSITE LOCATIONS OF EXISTING UTILITIES. IF THE LOCATION OR ELEVATION OF THE EXISTING UTILITIES ARE FOUND TO BE DIFFERENT FROM THE PLANS, CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
7.

CONTRACTOR SHALL PROTECT EXISTING SITE FEATURES TO REMAIN INSIDE AND OUTSIDE CONSTRUCTION LIMITS. CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGES AND NOTIFY THE CITY/COUNTY PRIOR TO CONSTRUCTION START. ANY EXISTING SITE FEATURE TO REMAIN THAT IS DAMAGED DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, CURB, ETC. SHALL BE REPAIRED TO A CONDITION THAT IS EQUAL TO, OR BETTER THAN, THE EXISTING CONDITIONS. PRIOR TO BEING DAMAGED, THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
8.

CONTINUOUS ACCESS SHALL BE MAINTAINED TO THE SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES.
9.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL. ALL TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH STATE DEPARTMENT OF TRANSPORTATION REGULATIONS AND LOCAL REGULATIONS.
10.

THE CONTRACTOR IS RESPONSIBLE FOR PLACING AND MAINTAINING CONSTRUCTION FENCE, SIGNS, ETC. TO WARN AND KEEP UNAUTHORIZED PEOPLE OFF SITE FOR THE DURATION OF THE PROJECT.
11.

PRIOR TO DEMOLITION, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED PER THE GOVERNING AGENCIES GUIDELINES AND STANDARDS. DUST CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
12.

SAWCUT LINE PROVIDED IS FOR REFERENCE ONLY. CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING THE EXTENT OF THE SAWCUT THAT WILL BE REQUIRED AS WELL AS PAVEMENT REPAIRS TO INSTALL UTILITY TRENCHING. IF ANY DAMAGE OCCURS ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THAT WHICH IS NECESSARY TO COMPLETE THE INTENT OF THE PROPOSED IMPROVEMENTS. SAWCUT EXISTING PAVEMENT TO FULL DEPTH, USING CARE TO CUT NEAT, STRAIGHT LINES. CUT AT EXISTING JOINTS WHERE POSSIBLE.
13.

THE CONTRACTOR SHALL MAINTAIN A WELL-DRAINED SITE, FREE OF STANDING WATER DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY DRAINAGE MEASURES DURING CONSTRUCTION.
14.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO STUDY THE PLANS AND VISIT THE SITE TO DETERMINE THE ITEMS THAT MUST BE REMOVED TO COMPLY WITH THE SITE DEVELOPMENT PLANS. NO EXTRA FEE WILL BE PAID FOR THE REMOVAL OF ANY ITEM NOT LISTED THAT IS VISIBLE UPON A SITE VISIT. THE DEMOLITION PLAN IS INTENDED TO PRESENT THE SCOPE OF THE DEMOLITION, AND DOES NOT GUARANTEE THAT ALL ITEMS ARE ADDRESSED.
15.

THE CONTRACTOR SHALL OBTAIN ALL PERMITS FOR ALL SITE DEVELOPMENT WORK, PAY ALL FEES FOR PERMITS AND CHECK ALL GOVERNING AUTHORITIES' SPECIFICATIONS FOR BUT NOT LIMITED TO, GUTTERS, SIDEWALKS, POLES, AND OTHER STRUCTURES, INCLUDING THE REMOVAL OR RELOCATION OF EXISTING UTILITIES OR OTHER PHYSICAL OBJECTS SHOWN ON PLANS OR NOTED OTHERWISE.
16.

THE CONTRACTOR SHALL CREATE AND IMPLEMENT AN EROSION AND SEDIMENTATION CONTROL PLAN FOR ALL SITE CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE PROJECT. THE PLAN MUST CONFORM TO THE EROSION AND SEDIMENTATION REQUIREMENTS OF THE CONSTRUCTION GENERAL PERMIT OR LOCAL STANDARDS AND CODES, WHICHEVER IS MORE STRINGENT.
17.

ALL COSTS FOR INSPECTIONS AND/OR TESTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNLESS NOTED OTHERWISE.

SITE NOTES

1.

ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2.

ALL MATERIAL NOTED ON DRAWINGS WILL BE SUPPLIED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
3.

CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS TO COORDINATE ACCESS POINTS AND ELEVATIONS. REFER TO ARCHITECTURAL PLANS. FOR EXACT LOCATIONS AND DIMENSIONS OF DOORS, ENTRY RAMP, AND CANOPY.
4.

THE CONTRACTOR SHALL OBTAIN ALL PERMITS FOR ALL SITE DEVELOPMENT WORK, PAY ALL FEES FOR PERMITS AND CHECK ALL GOVERNING AUTHORITIES' SPECIFICATIONS FOR BUT NOT LIMITED TO, GUTTERS, SIDEWALKS, POLES, AND OTHER STRUCTURES, INCLUDING THE REMOVAL OR RELOCATION OF EXISTING UTILITIES OR OTHER PHYSICAL OBJECTS SHOWN ON PLANS OR NOTED OTHERWISE.
5.

THE CONTRACTOR SHALL CREATE AND IMPLEMENT AN EROSION AND SEDIMENTATION CONTROL PLAN FOR ALL SITE CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE PROJECT. THE PLAN MUST CONFORM TO THE EROSION AND SEDIMENTATION REQUIREMENTS OF THE CONSTRUCTION GENERAL PERMIT OR LOCAL STANDARDS AND CODES, WHICHEVER IS MORE STRINGENT.
6.

ALL COSTS FOR INSPECTIONS AND/OR TESTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNLESS NOTED OTHERWISE.
7.

ACCESSIBILITY STANDARDS SHALL BE IN ACCORDANCE WITH FEDERAL AND LOCAL REQUIREMENTS FOR HANDICAP ACCESSIBILITY, INCLUDING BUT NOT LIMITED TO THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES. ADA PARKING STALLS SHALL MEET ADA GRADE GUIDELINES. CONTRACTOR SHALL FIELD VERIFY EXISTING GRADES AT ACCESS POINTS, ACCESSIBLE ROUTES, AND EXISTING PARKING TO REMAIN TO DETERMINE COMPLIANCE WITH STANDARDS.
8.

ALL DISTURBED AREAS ARE TO RECEIVE 6" OF TOPSOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
9.

ALL DIMENSIONS AND RADII ARE TO THE FACE OF THE CURB OR EDGE OF PAVEMENT, AS APPLICABLE, UNLESS OTHERWISE NOTED.
10.

ALL CURB RADII ARE 5 FEET UNLESS OTHERWISE NOTED.
11.

PROVIDE SIGNAGE AND STRIPING AS SHOWN. ALL SIGNAGE AND PAVEMENT MARKINGS SHALL COMPLY WITH THE GOVERNING MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.). PAVEMENT MARKINGS ON ASPHALT SHALL BE WHITE. PAVEMENT MARKINGS ON CONCRETE SHALL BE YELLOW.
12.

REFER TO ARCHITECTURAL PLANS FOR PROPOSED BUILDING SIGNAGE.
13.

REFER TO MECHANICAL PLANS FOR EQUIPMENT LAYOUT.
14.

REFER TO ELECTRICAL PLANS FOR ELECTRICAL WORK.
15.

REFER TO GEOTECHNICAL ENGINEERING REPORT FOR SITE WORK PREPARATION/RECOMMENDATIONS AND PAVEMENT SECTIONS.
16.

REFER TO ORIGINAL SURVEY PROVIDED BY BLEW INC.
17.

ALL LIGHT POLES TO BE LOCATED 3' FROM THE BACK OF CURB, AS MEASURED FROM THE FACE OF POLE FOUNDATION, UNLESS OTHERWISE DENOTED ON PLANS.

GRADING NOTES

1.

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2.

THE TOPOGRAPHIC SURVEY WAS PERFORMED BY A REGISTERED LAND SURVEYOR. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
3.

CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
4.

THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE EPA OR APPLICABLE STATE GENERAL N.P.D.E.S. PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
5.

EXISTING AND PROPOSED GRADE CONTOUR INTERVALS ARE SHOWN AT 1 FOOT INTERVALS.
6.

ALL SPOT ELEVATIONS REFER TO FINISHED PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
7.

ALL ADA ACCESSIBLE PARKING SPACES AND LOADING AREAS SHALL BE GRADED WITH A 2.0% MAXIMUM SLOPE IN ALL DIRECTIONS. ALL ADA ACCESSIBLE ROUTES SHALL BE GRADED WITH A 2.0% MAXIMUM CROSS SLOPE AND 5.0% MAXIMUM RUNNING SLOPE.
8.

MAINTAIN EXISTING DRAINAGE PATTERN THROUGHOUT THE SITE, EXCEPT WITHIN THE LIMITS OF DISTURBANCE (LOD).
9.

COORDINATE GRADES AT BUILDING ENTRIES WITH ARCHITECTURAL PLANS.
10.

EXISTING DRAINAGE STRUCTURES SHALL BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES ARE TO BE CLEANED TO REMOVE ALL SILT AND DEBRIS AFTER CONSTRUCTION IS COMPLETE.
11.

IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO A CONDITION EQUAL TO OR BETTER THAN ITS CONDITION PRIOR TO DAMAGE.
12.

CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDING AND WITHIN PAVED AREAS.
13.

ALL TOPSOIL MUST BE REMOVED BEFORE FILL MATERIAL IS PLACED.
14.

ALL WET, OR OTHERWISE UNSUITABLE SOILS MUST BE STABILIZED, THIS MAY BE ACCOMPLISHED BY DRYING, REMOVAL & REPLACEMENT, REMOVAL & DRYING & RECOMPACTION, OR SOIL TREATMENT (LIME/CEMENT) UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL GEOTECHNICAL ENGINEER.
15.

ALL UNSURFACED AREAS, DISTURBED BY GRADING, OPERATION SHALL RECEIVE 6" OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3H:1V OR STEEPER AND SEED WITH LOW MAINTENANCE GRASS SEED MIX. CONTRACTOR SHALL SEED DISTURBED AREAS IN ACCORDANCE WITH SPECIFICATIONS UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. ALL EXPOSED SURFACE AREAS SHALL BE STABILIZED PER THE SWPPP AND LANDSCAPE REQUIREMENTS AS PART OF THIS PLAN SET.
16.

ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS SOIL TIGHT.
17.

ALL STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT IN TO INVERT OUT.
18.

STORM PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:

MATERIAL	TYPE	PIPE SPEC	JOINT SPEC	INSTALLATION	ACCEPTABLE AREAS OF USE
REINFORCED CONCRETE PIPE (RCP)	CLASS III, IV, V	ASTM C-76	ASTM C443	ASTM C1479	WITHIN R/W, COVER VARIES WITH PIPE CLASS
HIGH DENSITY POLY-ETHYLENE (HDPE)	SMOOTH-WALLED CORRUGATED ADS-N12 OR EQUAL	AASHTO M294 (TYPE S)	ASTM F477	ASTM D2321	ON SITE, 12" TO 60" DIA.
POLY VINYL CHLORIDE (PVC)	SDR 35	ASTM D3034	ASTM D3212	ASTM D2321	ON SITE, 4" TO 10"

19.

ALL STORM SEWER STRUCTURE GRATES AND FRAMES WITHIN PAVEMENT SHALL BE HEAVY DUTY.
20.

ALL STORM DRAINAGE SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL COUNTY AND NEW HAMPSHIRE DOT STANDARDS.
21.

ALL DOWNSPOUT DRAIN LINES OR ROOF LEADERS SHALL HAVE A 1.0% MINIMUM SLOPE, UNLESS OTHERWISE NOTED. CONNECT ALL DOWNSPOUTS AND ROOF LEADERS TO THE STORM SEWER SYSTEM. REFER TO ARCHITECTURAL PLANS FOR DOWNSPOUT AND ROOF LEADER LOCATIONS. PROVIDE POSITIVE DRAINAGE AND PAVEMENT REPAIR AS NEEDED.
22.

ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
23.

THE STORM SEWER GRADE WILL BE SUCH THAT A MINIMUM COVER IS MAINTAINED TO WITHSTAND AASHTO HS-25 LOADING ON THE PIPE. PROVIDE MINIMUM 2.0 FEET OF COVER FOR ALL STORM SEWERS UNLESS OTHERWISE NOTED.
24.

WHEN A SANITARY SEWER MAIN LIES ABOVE A STORM SEWER, OR WITHIN 18 INCHES BELOW, THE SANITARY SEWER WILL HAVE AN IMPERVIOUS ENCASEMENT OR BE CONSTRUCTED OF STRUCTURAL SEWER PIPE FOR A MINIMUM OF 10 FEET ON EACH SIDE OF WHERE THE STORM SEWER CROSSES.
25.

IF EXISTING FIELD TILES ARE ENCOUNTERED DURING CONSTRUCTION THEY SHALL BE REPAIRED AND/OR TIED INTO A STORM SEWER SYSTEM AS NEEDED TO MAINTAIN POSITIVE DRAINAGE.

UTILITY NOTES

1.

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE.
2.

THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
3.

CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF O.S.H.A. DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT NOT LIMITED FOR ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR O.S.H.A.
4.

CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITY DURING CONSTRUCTION AT NO COST TO THE OWNER.
5.

ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
6.

CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS. THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY REGULATIONS AND THE OWNER'S INSPECTION AUTHORITIES.
7.

CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITY'S INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
8.

WATER AND SANITARY UTILITIES SHALL HAVE TEN (10') FEET OF HORIZONTAL CLEARANCE WHEN PARALLEL OR 18" VERTICAL CLEARANCE WHEN CROSSING. ALL CLEARANCE DISTANCES SHALL BE MEASURE FROM OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE. THE CROSSING SHALL BE ARRANGED SO THAT THE SANITARY SEWER JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER LINE JOINTS.
9.

IF A WATER LINE PASSES UNDER THE SANITARY SEWER LINE, THE SEWER LINE SHOULD BE CONSTRUCTED OF A WATERTIGHT MATERIAL APPROVED BY THE REGULATORY AGENCY FOR USE IN WATER MAIN CONSTRUCTION AND SHALL EXTEND TEN (10') FEET ON BOTH SIDES OF THE CROSSING, AS MEASURED PERPENDICULAR TO THE WATER LINES. ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO MAINTAIN LINE AND GRADE.
10.

UNDERGROUND LINES SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
11.

CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS. THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY REGULATIONS AND THE OWNER'S INSPECTION AUTHORITIES.
12.

UTILITY TRENCHES WITHIN PAVED AREAS TO BE BACKFILLED PER UTILITY TRENCH DETAIL PROVIDED WITHIN THE CONSTRUCTION DETAILS SHEET.
13.

ALL WATER LINE WORK SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF PORTSMOUTH CONSTRUCTION STANDARDS AND STATE REGULATIONS.
14.

INSTALL ALL WATER LINES WITH A MINIMUM COVER OF 4'.
15.

ON-SITE WATER LINE MATERIAL SHALL BE AS FOLLOWS:

MATERIAL	PRESSURE RATING	PIPE SPEC	FITTINGS	INSTALLATION	ACCEPTABLE AREAS OF USE
HIGH-DENSITY POLY-ETHYLENE (HPDE TUBING)	SDR 9 P.C. = 250 PSI	ASTM D2239 AWWA C901 ASTM F714	ASTM D3350 ASTM D3261	ASTM D2774	ON SITE, < 3" DIA.
COPPER 1"-3"	TYPE "K"	ASTM B88	AWWA C800	AWWA C800	DOMESTIC WATERLINES 1"-3"
PE 4710 POLY-ETHYLENE PLASTIC (IPE)	SDR 11 P.C. = 200 PSI	ASTM D3035 AWWA C901	ASTM D3350 ASTM D3261	ASTM D2774	ON SITE, 2" TO 3" DIA.
P.V.C. POLY VINYL CHLORIDE 4"- 8" C900	C900	AWWA C901 (RATED DR 14)	ASTM F-477 ASTM D3139	AWWA C900 C851	ON SITE, 4"-8" WATER LINES & FIRE LINES INSTALL W/ TRACER & TAPE #12 COPPER
DUCTILE IRON PIPE 4"-12"	CLASS 52 P.C. = 350PSI	AWWA C104, C110, C151, C500	AWWA C111	AWWA C600, C851	6" FIRE HYDRANT LEADS
PE 4710 POLY-ETHYLENE PLASTIC (IPE)	SDR 9 P.C. = 250 PSI	ASTM D2239 ASTM F714 AWWA C906	ASTM D3350 ASTM D3261	ASTM D2774	ON SITE, 4" DIA. AND LARGER

16.

ON-SITE SANITARY SEWER LINE MATERIAL SHALL BE AS FOLLOWS:

MATERIAL	PRESSURE RATING	PIPE SPEC	FITTINGS	INSTALLATION	ACCEPTABLE AREAS OF USE
POLY VINYL CHLORIDE (PVC)	SDR 35	ASTM D3034	ASTM D3212	ASTM D2321 WITH TYPE 1 BEDDING	ON SITE, 6" TO 8" DIA., LESS THAN 8.5' OF COVER
POLY VINYL CHLORIDE (PVC)	SDR 26	ASTM 3034	ASTM D3212	ASTM 2321 WITH TYPE 1 BEDDING	ON SITE, 6" TO 8" DIA., GREATER THAN OR EQUAL TO 8.5' OF COVER

17.

REFER TO ARCHITECTURAL DRAWINGS FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS, SERVICE SIZES TO BE DETERMINED BY ARCHITECT.
18.

CLEAN OUTS AND CURB BOXES WITHIN THE PAVED AREAS MUST HAVE TRAFFIC LOADING FRAMES AND COVERS.



CESO
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Phone: 937.435.8584 Fax: 988.208.4826

HANG10 CAR WASH

PORTSMOUTH, NH

2299 LAFAYETTE RD
PORTSMOUTH, NH 03801

Revisions / Submissions

ID	Description	Date
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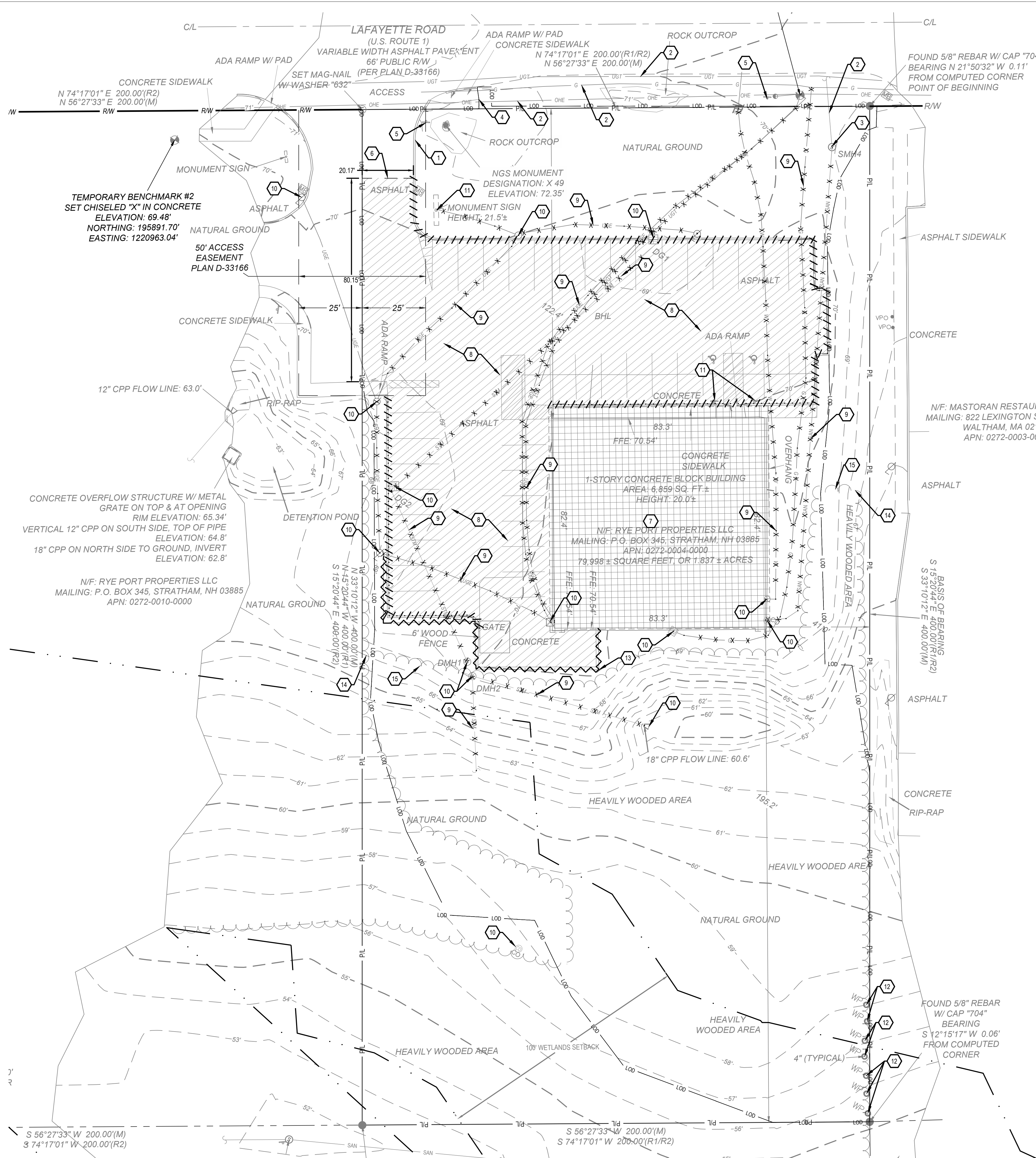
Project Number: 766656
Scale: NOT TO SCALE
Drawn By: VMO
Checked By: CG
Date: 10/03/2025
Issue: NOT FOR CONSTRUCTION

Drawing Title:
GENERAL NOTES

C1.1

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DEMOLITION LEGEND

EXISTING

REFER TO C1.0 FOR EXISTING FEATURES LEGEND

PROPOSED

REMOVE EXISTING BUILDING

REMOVE EXISTING ASPHALT PAVEMENT (OR AS NOTED ON THE PLANS)

SAWCUT LINE

UTILITY LINE TO BE REMOVED / RELOCATED

LIMITS OF DISTURBANCE

REMOVE EXISTING CURB & GUTTER

REMOVE EXISTING FENCE

GRAPHIC SCALE (IN FEET)

1 in. = 20 ft.

CONTRACTOR NOTE:

- CONTRACTOR SHALL VERIFY ALL LOCATIONS AND DEPTHS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- REFER TO ALTA FOR EXISTING EASEMENTS. REFER TO UTILITY PLAN FOR EXISTING EASEMENTS PROJECTED ONTO THE PROPOSED SITE.

CODED NOTES:

- PROTECT EXISTING CURB.
- PROTECT EXISTING UTILITY LINE. CONTRACTOR SHALL PROTECT IN PLACE.
- PROTECT EXISTING UTILITY STRUCTURE. CONTRACTOR SHALL PROTECT IN PLACE.
- PROTECT EXISTING SIDEWALK.
- PROTECT EXISTING SIGN.
- SAW-CUT SIDEWALK, CURB OR PAVEMENT TO FULL DEPTH.
- REMOVE AND LEGALLY DISPOSE OF EXISTING BUILDING AND ALL FEATURES WITHIN 5' OF EXTERIOR WALL, INCLUDING BUT NOT LIMITED TO FLOOR SURFACES, FOUNDATIONS, CONTENTS, EQUIPMENT, SUBSURFACE PIPING, AND ASSOCIATED MATERIALS.
- REMOVE EXISTING PAVEMENT.
- REMOVE EXISTING UTILITY LINE. CONTRACTOR SHALL COORDINATE W / UTILITY COMPANY.
- REMOVE EXISTING UTILITY STRUCTURE. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY.
- REMOVE EXISTING SIGN AND BASE INCLUDING ANY UTILITY SERVICES. CONTRACTOR TO COORDINATE SERVICE REMOVAL WITH UTILITY COMPANY.
- REMOVE EXISTING SITE FIXTURE.
- REMOVE EXISTING FENCE.
- PROTECT EXISTING TREE LINE TO REMAIN.
- TREE CLEARING LIMITS



SEVENTY-TWO (72) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEW HAMPSHIRE UTILITIES PROTECTION SERVICE AT 811 OR 888-344-7233 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF STATE UTILITIES PROTECTION SERVICE



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HANG10 CAR WASH

PORTSMOUTH, NH

2299 LAFAYETTE RD
PORTSMOUTH, NH 03801

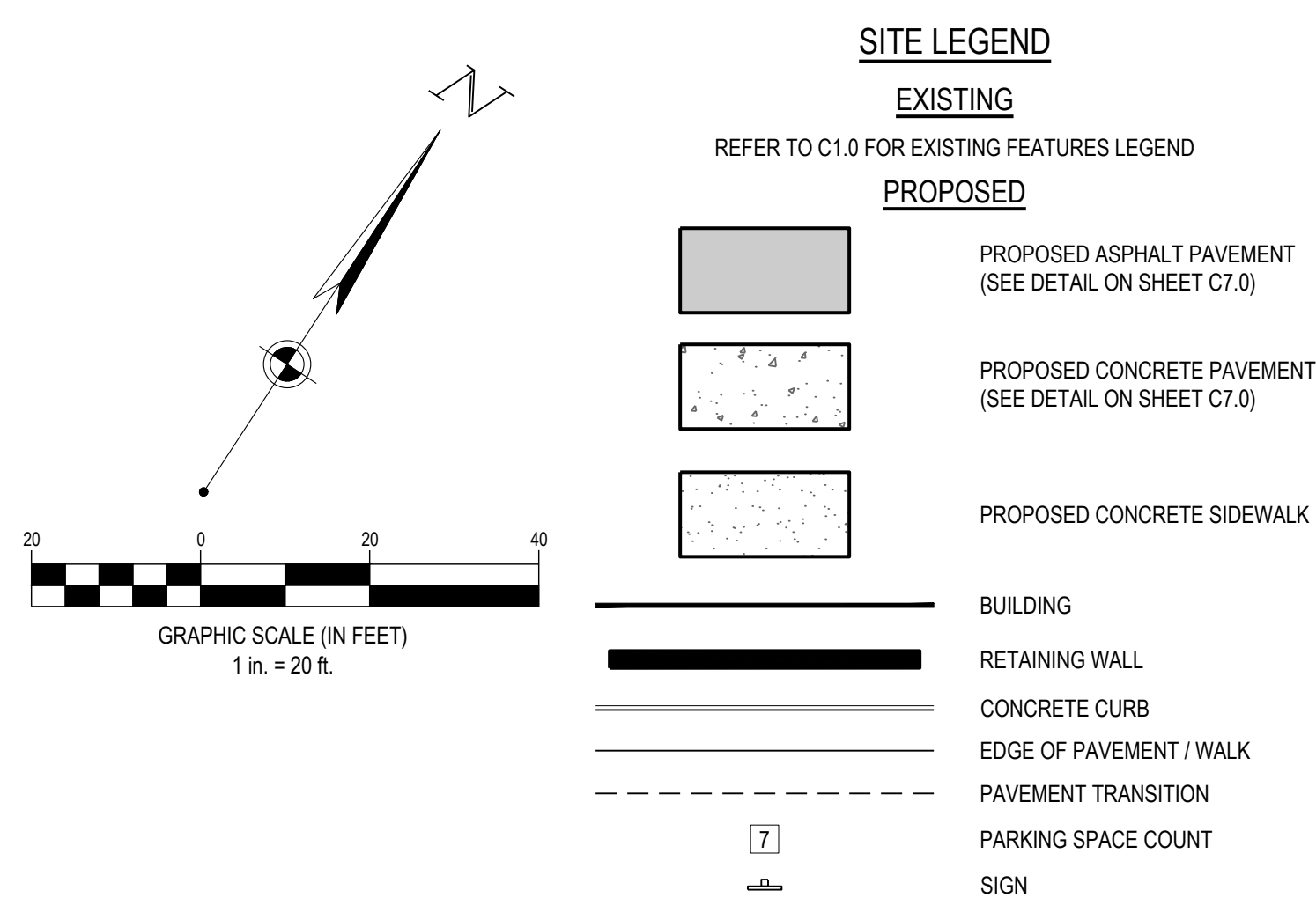
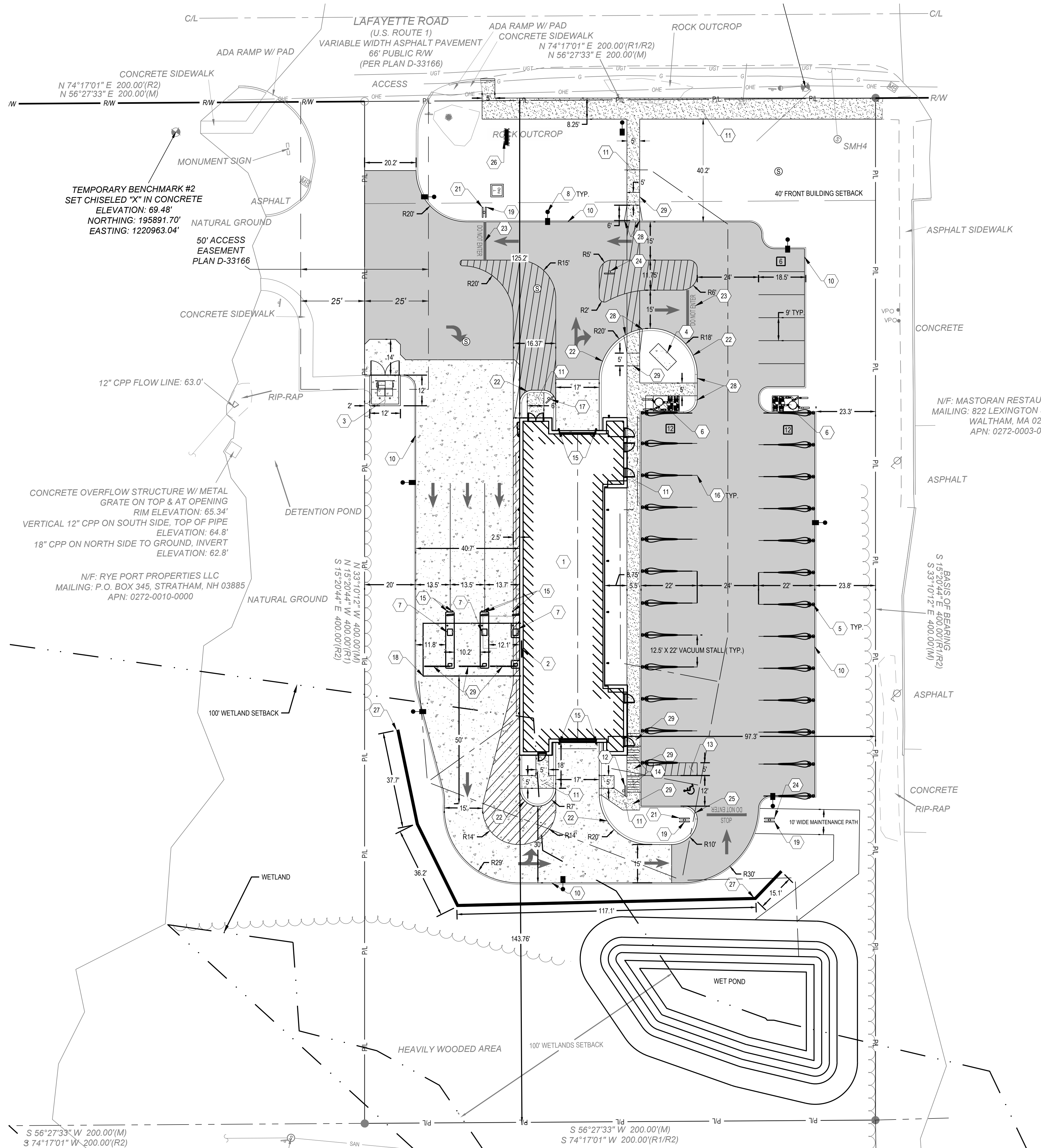
Revisions / Submissions		
ID	Description	Date

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Drawing Title:
EX CONDITIONS & DEMO PLAN

C2.0

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HANG10 CAR WASH

PORTSMOUTH, NH

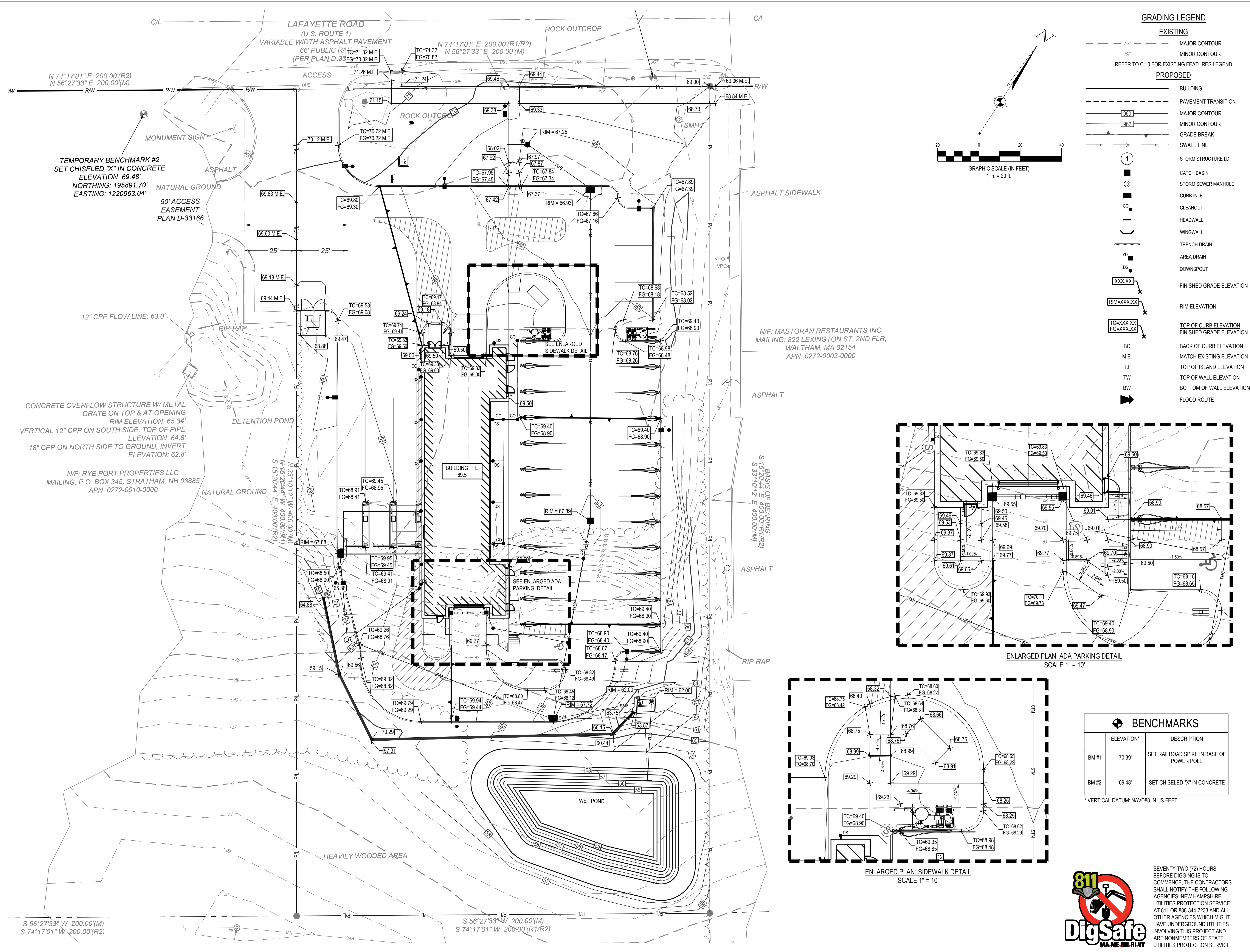
2299 LAFAYETTE RD
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Drawing Title:
SITE PLAN

C3.0

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HANG10 CAR WASH

PORTSMOUTH, NH

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Revisions / Submissions

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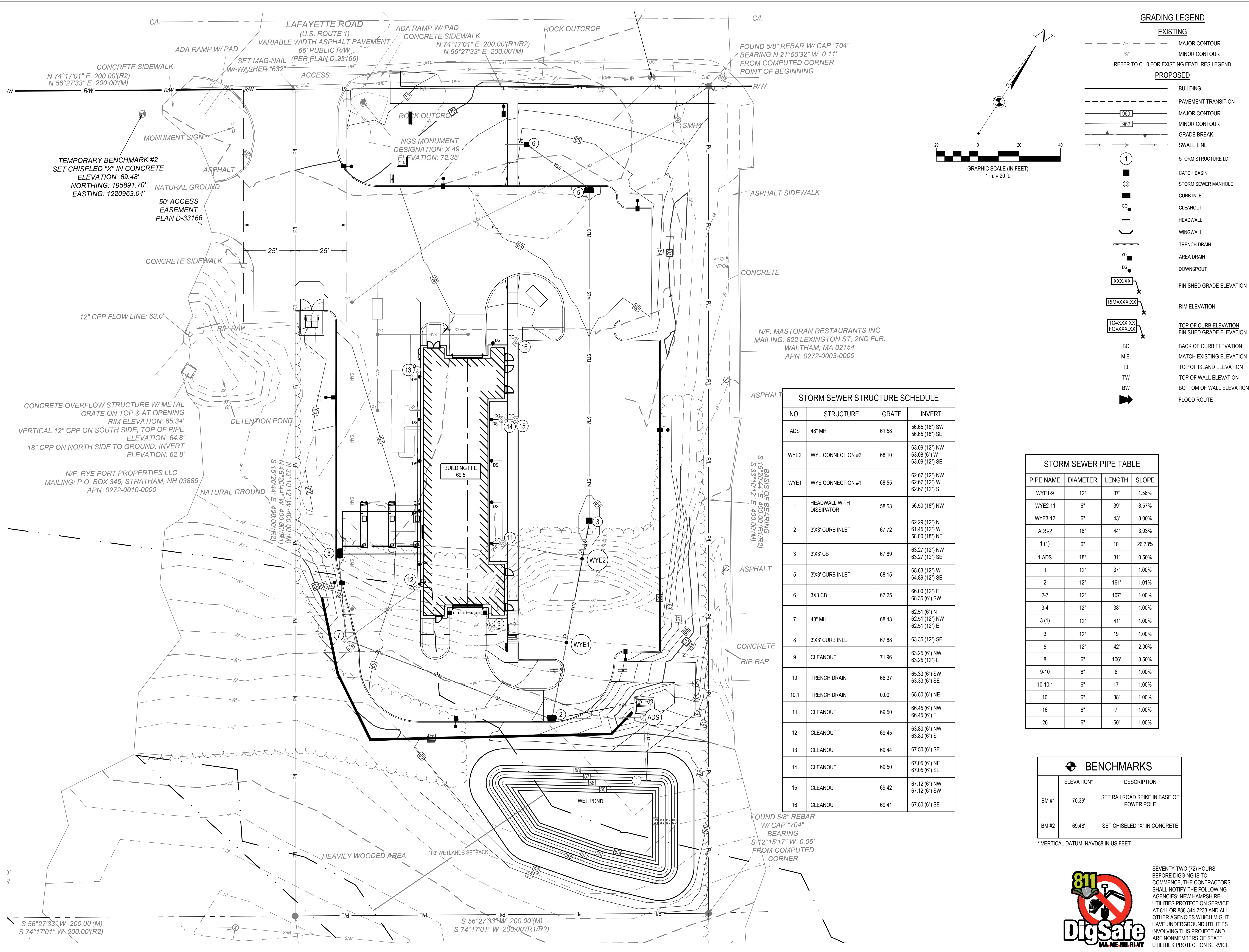
GRADING PLAN

C4.0



SEVENTY-TWO (72) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEW HAMPSHIRE UTILITIES PROTECTION SERVICE AT 811 OR 888-344-7233 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF STATE UTILITIES PROTECTION SERVICE

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GRADING LEGEND

- EXISTING**
- MAJOR CONTOUR
 - MINOR CONTOUR
 - REFER TO C1.0 FOR EXISTING FEATURES LEGEND
- PROPOSED**
- BUILDING
 - PAVEMENT TRANSITION
 - MAJOR CONTOUR
 - MINOR CONTOUR
 - GRADE BREAK
 - SWALE LINE
 - STORM STRUCTURE I.D.
 - CATCH BASIN
 - STORM SEWER MANHOLE
 - CURB INLET
 - CLEANOUT
 - HEADWALL
 - WINGWALL
 - TRENCH DRAIN
 - AREA DRAIN
 - DOWNSPOUT
 - FINISHED GRADE ELEVATION
 - RIM ELEVATION
 - TOP OF CURB ELEVATION
 - FINISHED GRADE ELEVATION
 - BACK OF CURB ELEVATION
 - MATCH EXISTING ELEVATION
 - TOP OF ISLAND ELEVATION
 - TOP OF WALL ELEVATION
 - FLOOD ROUTE

STORM SEWER STRUCTURE SCHEDULE			
NO.	STRUCTURE	GRATE	INVERT
ADS	48" MH	61.58	56.65 (18") SW 56.65 (18") SE
WYE2	WYE CONNECTION #2	68.10	63.09 (12") NW 63.08 (6") W 63.09 (12") SE
WYE1	WYE CONNECTION #1	68.55	62.67 (12") NW 62.67 (12") W 62.67 (12") S
1	HEADWALL WITH DISSIPATOR	58.53	56.50 (18") NW
2	3'X3' CURB INLET	67.72	62.29 (12") N 61.45 (12") W 58.00 (18") NE
3	3'X3' CB	67.89	63.27 (12") NW 63.27 (12") SE
5	3'X3' CURB INLET	68.15	65.63 (12") W 64.89 (12") SE
6	3X3 CB	67.25	66.00 (12") E 68.35 (6") SW
7	48" MH	68.43	62.51 (6") N 62.51 (12") NW 62.51 (12") E
8	3'X3' CURB INLET	67.88	63.35 (12") SE
9	CLEANOUT	71.96	63.25 (6") NW 63.25 (12") E
10	TRENCH DRAIN	66.37	65.33 (6") SW 63.33 (6") SE
10.1	TRENCH DRAIN	0.00	65.50 (6") NE
11	CLEANOUT	69.50	66.45 (6") NW 66.45 (6") E
12	CLEANOUT	69.45	63.80 (6") NW 63.80 (6") S
13	CLEANOUT	69.44	67.50 (6") SE
14	CLEANOUT	69.50	67.05 (6") NE 67.05 (6") SE
15	CLEANOUT	69.42	67.12 (6") NW 67.12 (6") SW
16	CLEANOUT	69.41	67.50 (6") SE

STORM SEWER PIPE TABLE			
PIPE NAME	DIAMETER	LENGTH	SLOPE
WYE1-9	12"	37'	1.56%
WYE2-11	6"	39'	8.57%
WYE3-12	6"	43'	3.00%
ADS-2	18"	44'	3.03%
1 (1)	6"	10'	26.73%
1-ADS	18"	31'	0.50%
1	12"	37'	1.00%
2	12"	161'	1.01%
2-7	12"	107'	1.00%
3-4	12"	38'	1.00%
3 (1)	12"	41'	1.00%
3	12"	19'	1.00%
5	12"	42'	2.00%
8	6"	106'	3.50%
9-10	6"	8'	1.00%
10-10.1	6"	17'	1.00%
10	6"	38'	1.00%
16	6"	7'	1.00%
26	6"	60'	1.00%

BENCHMARKS		
	ELEVATION*	DESCRIPTION
BM #1	70.39'	SET RAILROAD SPIKE IN BASE OF POWER POLE
BM #2	69.48'	SET CHISELED "X" IN CONCRETE

* VERTICAL DATUM: NAVD88 IN US FEET



SEVENTY-TWO (72) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEW HAMPSHIRE UTILITIES PROTECTION SERVICE AT 811 OR 888-344-7233 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF STATE UTILITIES PROTECTION SERVICE



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HANG10 CAR WASH

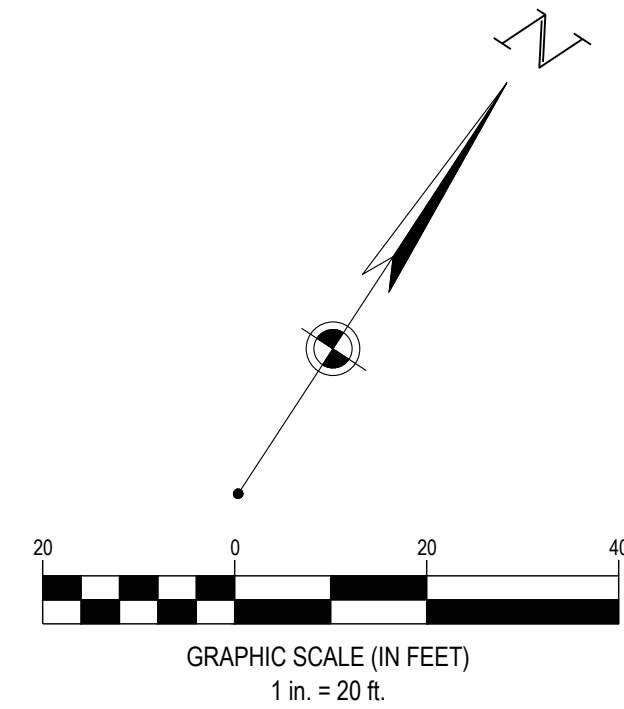
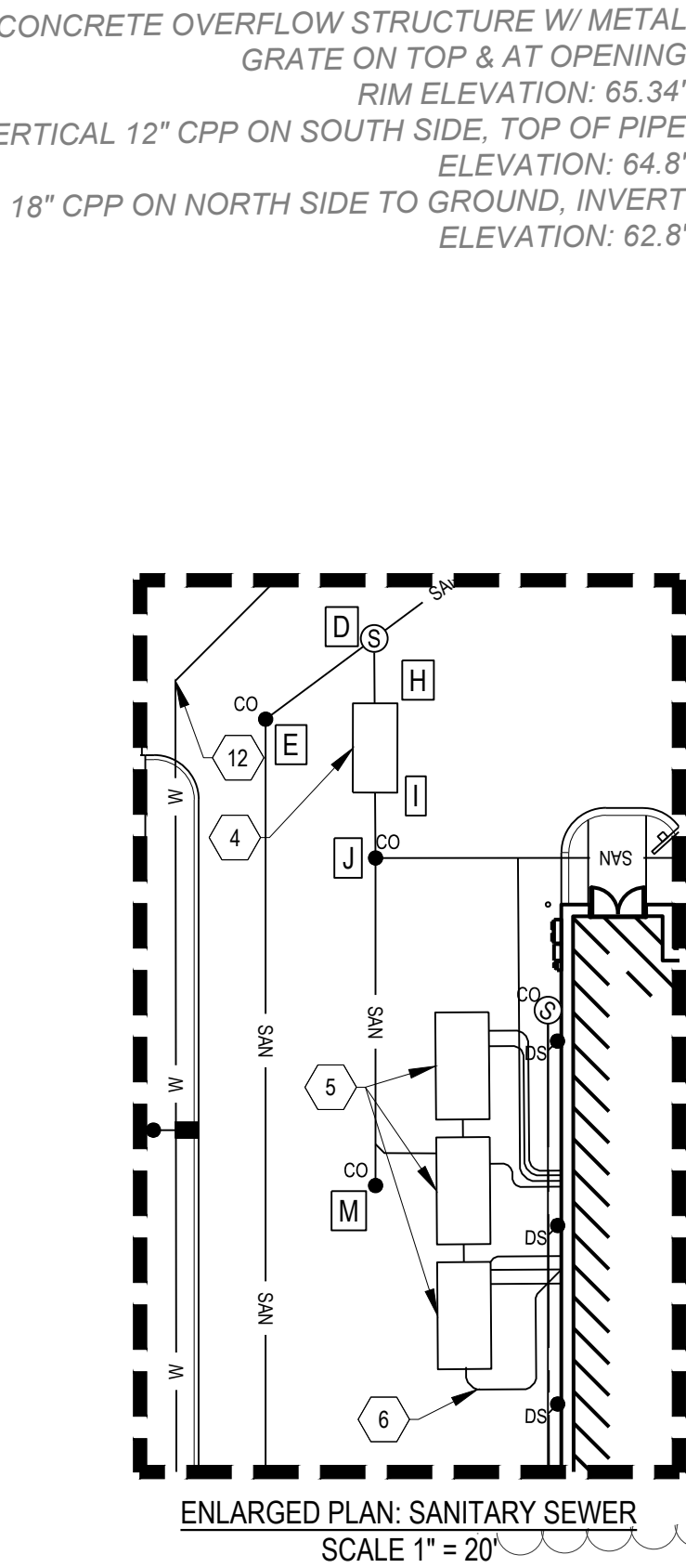
PORTSMOUTH, NH

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Revisions / Submissions		
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Drawing Title:
DRAINAGE PLAN

C4.1



SANITARY SEWER PIPE TABLE			
PIPE NAME	DIAMETER	LENGTH	SLOPE
B-C	6"	105'	-1.00%%
C-D	6"	35'	-1.00%%
D-E	6"	15'	-1.00%%
D-H	6"	7'	1.00%%
E-F	6"	148'	-1.00%%
EXA-B	6"	26'	-1.00%%
F-G	6"	33'	-1.00%%
H-I	6"	10'	2.50%%
I-J	6"	7'	1.00%%
J-K	6"	44'	1.00%%
J-M	6"	37'	1.00%%
K-L	6"	11'	1.00%%

CONTRACTOR NOTE:

1. CONTRACTOR SHALL VERIFY ALL LOCATIONS AND DEPTHS OF EXISTING UTILITIES.

 CODED NOTES:

1. CONTRACTOR SHALL FURNISH AND INSTALL 2" DOMESTIC WATER LINE FROM NEW 2" WATER METER TO BUILDING. LOCAL JURISDICTION SHALL INSTALL NEW 2" WATER METER.
2. PROPOSED IRRIGATION SERVICE, METER, AND BACKFLOW ASSEMBLY PER LOCAL JURISDICTION REQUIREMENTS.
3. CONNECT 6" SDR-35 PVC SANITARY SERVICE (MINIMUM 1.00% SLOPE) TO EXISTING SANITARY MAIN PER LOCAL STANDARDS. CONTRACTOR SHALL FIELD LOCATE AND VERIFY EXISTING SANITARY MAIN. PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO CIVIL ENGINEER. CONTRACTOR SHALL PROVIDE ALL NECESSARY FITTINGS FOR FINAL CONNECTION. CONTRACTOR SHALL USE KORNSSEAL FLEXIBLE BOOT CONNECTOR OR APPROVED EQUAL.
4. PROPOSED OIL / WATER SEPARATOR. SEE SHEET C7.2 FOR DETAILS.
5. PROPOSED 2,000 GALLON RECLAIM TANK. REFER TO MEP PLANS FOR DETAILS.
6. PROPOSED RECLAIM TANK SERVICE LINE. REFER TO MEP PLANS FOR DETAILS.
7. PROPOSED UNDERGROUND ELECTRIC SERVICE LINE. CONTRACTOR TO COORDINATE WITH SERVICE PROVIDER AND MEP PLANS FOR CONNECTION.
8. PROPOSED UNDERGROUND TELEPHONE / COMMUNICATION SERVICE LINE. CONTRACTOR SHALL VERIFY EXIST ROUTING AND TERMINATION REQUIREMENTS WITH SERVICE PROVIDER PRIOR TO STARTING WORK. CONTRACTOR SHALL COORDINATE WITH OTHER UTILITIES AND UTILIZE SHARED TRENCHING IF PERMITTED.
9. PROPOSED GAS SERVICE LINE AND CONNECTION TO GAS MAIN. LOCAL GAS COMPANY SHALL FURNISH AND INSTALL GAS LINE FROM METER TO NEW TAP. THE CONTRACTOR SHALL INSTALL THE GAS LINE FROM THE METER TO THE BUILDING PER THE BUILDING DRAWINGS. CONTRACTOR SHALL FIELD LOCATE AND VERIFY EXISTING GAS MAIN PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO ENGINEER.
10. PROPOSED 6" PVC STORM LINE FROM DOWNSPOUTS (MIN. SLOPE 1.00%) REFER TO ARCHITECTURAL PLAN FOR EXACT BUILDING DOWNSPOUT LOCATIONS.
11. PROPOSED SWIFTDRAIN 20" 8" WIDE FIBER CONCRETE TRENCH DRAIN WITH HD GRATE. SEE DETAILS ON SHEET C7.2.
12. PROPOSED 6" 45 DEGREE BEND.
13. PROPOSED SANITARY MANHOLE WITH PUMP.
14. PROPOSED POINT OF CONNECTION FOR TELEPHONE SERVICE. (CONTRACTOR TO COORDINATE WITH TELEPHONE PROVIDER).
15. PROPOSED POINT OF CONNECTION FOR ELECTRICAL SERVICE. (CONTRACTOR TO COORDINATE WITH ELECTRICAL PROVIDER).

UTILITY CROSSING SCHEDULE			
NO.	UTILITY	ELEVATIONS	DIFF.
1	STORM SEWER (INVERT)	64.75'	2.3'
	SANITARY SEWER (CROWN)	62.42'	
2	2" WATER LINE (INVERT)	65.12	1.50'
	SANITARY SEWER (CROWN)	63.62	
3	SANITARY SEWER (INVERT)	65.34	1.56'
	STORM SEWER (CROWN)	63.78	



SEVENTY-TWO (72) HOURS
BEFORE DIGGING IS TO
COMMENCE, THE CONTRACTORS
SHALL NOTIFY THE FOLLOWING
AGENCIES: NEW HAMPSHIRE
UTILITIES PROTECTION SERVICE
AT 811 OR 888-344-7233 AND ALL
OTHER AGENCIES WHICH MIGHT
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INVOLVING THIS PROJECT AND
ARE NONMEMBERS OF STATE
UTILITIES PROTECTION SERVICE

UTILITY LEGEND

EXISTING

REFER TO C1.0 FOR EXISTING FEATURES LEGEND

PROPOSED

- | | |
|--|-------------------------------|
| | BUILDING |
| | SEE ENLARGED PLAN, THIS SHEET |
| | STORM SEWER LINE |
| | STORM DOWNSPOUT LINE |
| | SANITARY SEWER LINE |
| | DOMESTIC WATER LINE |
| | IRRIGATION LINE |
| | GAS SERVICE LINE |
| | UNDERGROUND ELECTRIC LINE |
| | UNDERGROUND TELEPHONE LINE |
| | CATCH BASIN |
| | STORM SEWER MANHOLE |
| | SANITARY SEWER MANHOLE |
| | CURB INLET |
| | CLEANOUT |
| | HEADWALL |
| | WINGWALL |
| | TRENCH DRAIN |
| | AREA DRAIN |
| | DOWNSPOUT |
| | ELECTRICAL TRANSFORMER PAD |
| | FIRE HYDRANT |
| | WATER VALVE |
| | WATER SERVICE METER |
| | GAS METER |
| | SANITARY STRUCTURE I.D. |
| | STORM STRUCTURE I.D. |



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HANG10 CAR WASH

PORTSMOUTH, NH

2299 LAFAYETTE RD
PORTSMOUTH, NH 03801

Revisions / Submissions

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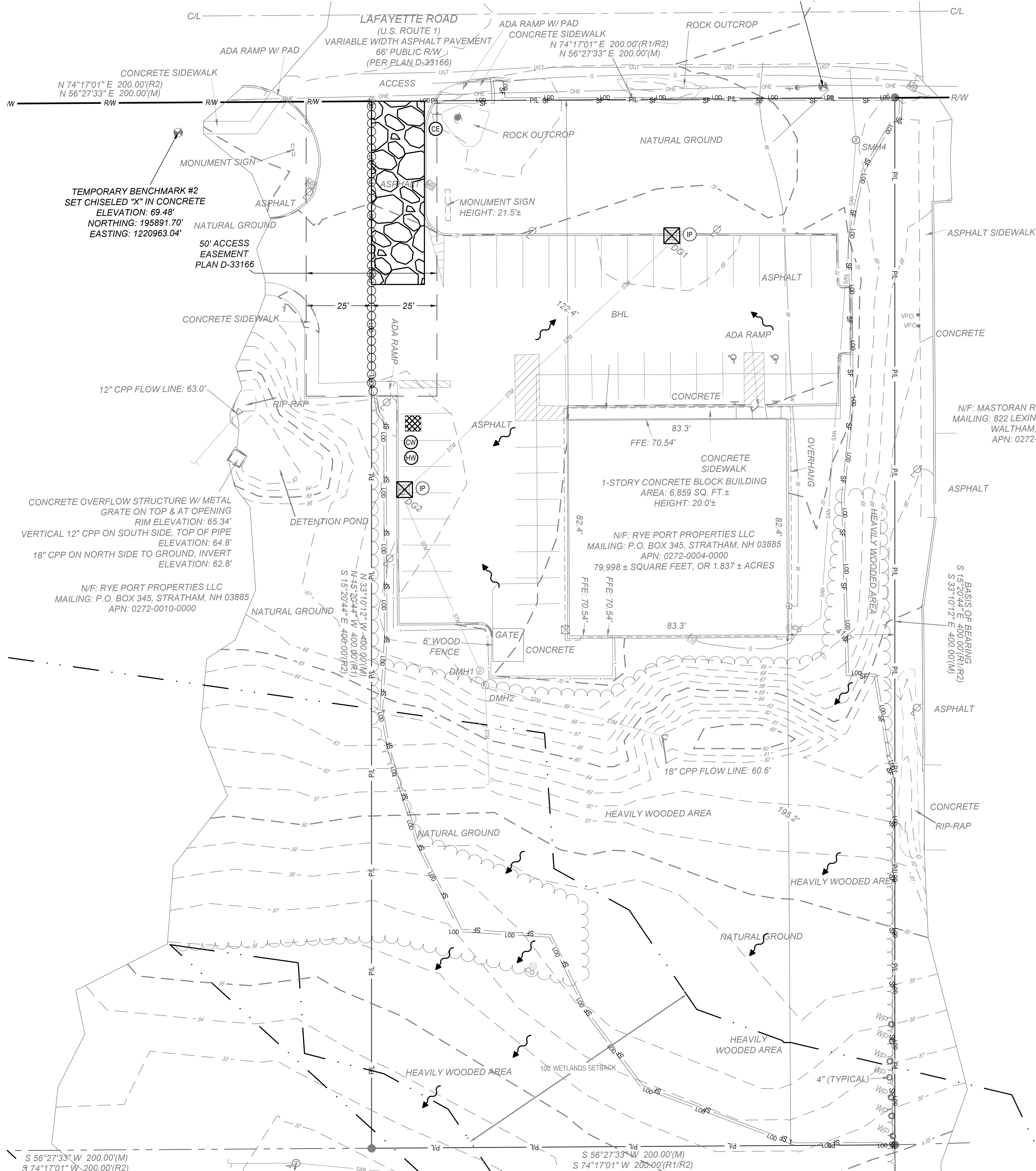
Issue: NOT FOR CONSTRUCTION

Drawing Title:

UTILITY PLAN

C5.0

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SWPPP LEGEND

EXISTING

--- 100 --- MAJOR CONTOUR
--- 102 --- MINOR CONTOUR
REFER TO C1.0 FOR EXISTING FEATURES LEGEND

PROPOSED

--- 100 --- MAJOR CONTOUR
--- 102 --- MINOR CONTOUR
--- PAVEMENT/WALK
--- SF --- STORM SEWER
--- SILT FENCE
--- STRAW WATTLE
--- LIMITS OF DISTURBANCE

--- FLOW LINE
--- STABILIZED CONSTRUCTION ENTRANCE
--- CONCRETE WASHOUT / STORAGE AREA
--- BASIN SEDIMENT FILTER
--- CATCH BASIN
--- STORM SEWER MANHOLE
--- CURB INLET
--- CLEANOUT
--- HEADWALL
--- TRENCH DRAIN
--- AREA DRAIN
--- DOWNSPOUT
--- STABILIZED CONSTRUCTION ENTRANCE
--- CONCRETE WASHOUT AREA
--- INLET PROTECTION
--- TEMPORARY SEEDING
--- PERMANENT SOD
--- STORAGE AREA FOR FUEL / TRASH / HAZARDOUS MATERIALS

OWNER:
HANG10 CAR WASH
1380 SOLDIERS FIELD ROAD
BOSTON, MA 02135
CONTACT: STEVE LUKIN

ENGINEER:
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4445 LAKE FOREST DRIVE
CINCINNATI, OH 45242
PHONE: (937) 435-8584
CONTACT: FAIGE WEIDNER
EMAIL: FAIGE.WEIDNER@CESOINC.COM

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PROJECT NARRATIVE:

THE PROPOSED PROJECT IS THE CONSTRUCTION OF A RESTAURANT / CONVENIENCE STORE WITH FUELING STATION. THE SUBJECT PARCEL IS 1.83 ACRES. THE TOTAL DISTURBED AREA IS 1.53 ACRES.

EXISTING RUNOFF CONDITIONS: DRAINS TO BASIN SOUTH OF EXISTING BUILDING AND DOWN THE SOUTH SIDE OF PACEL

PROPOSED RUNOFF CONDITIONS: DRAINS TO PROPOSED BASIN SOUTH OF PROPOSED BUILDING.

ON-SITE SOILS: PIPESTONE SAND, 0 TO 5% URBAN LAND 17.8% 82.2%

HYDROLOGIC SOIL GROUPS: 314A - HSG A/D 699 - IVA

SEQUENCE OF CONSTRUCTION

UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROL MEASURES IN STRICT ACCORDANCE WITH THE SWPPP THROUGHOUT THE DURATION OF THE PROJECT.

1. ENSURE NOTICE OF INTENT (N.O.I.) IS FILED, KEEP A COPY OF THE PERMIT ONSITE. NOTIFY ALL APPROPRIATE PARTIES, INCLUDING THE CITY OF PORTSMOUTH ENGINEER, BEFORE WORK IS TO BEGIN.
2. INSTALL TEMPORARY EROSION CONTROL MEASURES INCLUDING CONSTRUCTION ENTRANCE, FILTER SOCKS, SILT FENCE, SEDIMENT TRAPS, ETC. AS DEPICTED IN THIS PLAN.
3. INSPECTION OF EROSION CONTROL MEASURES AS OUTLINED IN NOTES. REPAIRS AND / OR REPLACEMENTS SHALL BE MADE NECESSARY.
4. BEGIN SITE DEMOLITION / CLEARING.
5. BEGIN ROUGH GRADING. PROVIDE TEMPORARY SEEDING OF DISTURBED AREAS WHICH ARE INACTIVE.
6. INSTALL REMAINING E&S CONTROLS.
7. STORM SEWER AND UNDERGROUND UTILITY CONSTRUCTION.
8. BUILDING PAD.
9. CURB CONSTRUCTION.
10. FINE GRADING AND PAVEMENT SUB-GRADE PREPARATION
11. ASPHALT PAVING AND REMAINING CONCRETE FLATWORK.
12. FINAL SEEDING AND STABILIZATION.

HANG10 CAR WASH

PORTSMOUTH, NH

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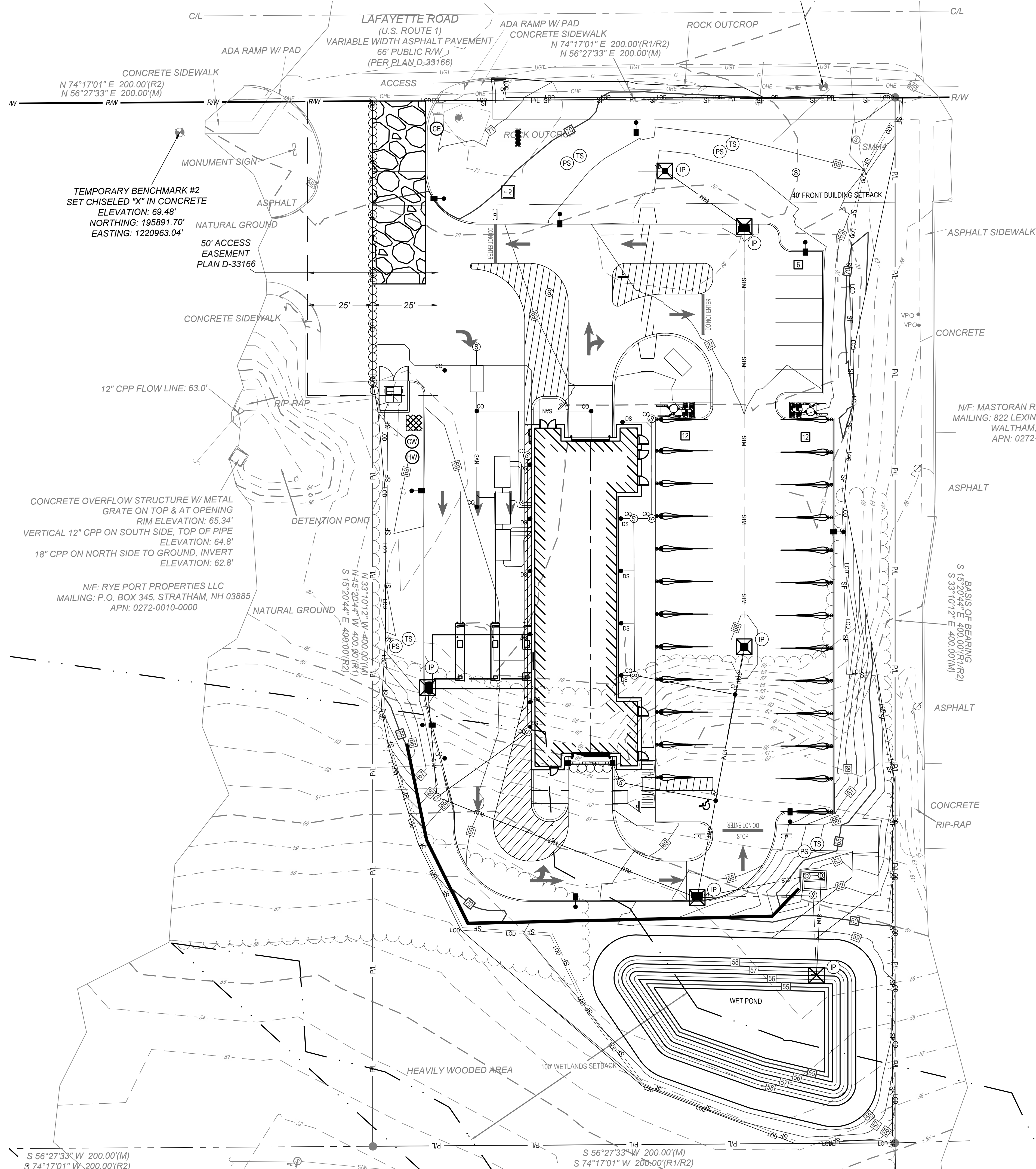
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SWPPP PHASE I

C6.0

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SWPPP LEGEND

EXISTING

--- 100 --- MAJOR CONTOUR
--- 102 --- MINOR CONTOUR
REFER TO C1.0 FOR EXISTING FEATURES LEGEND

PROPOSED

--- 100 --- MAJOR CONTOUR
--- 102 --- MINOR CONTOUR
--- PAVEMENT/WALK
--- SF --- STORM SEWER
--- SILT FENCE
--- STRAW WATTLE
--- LIMITS OF DISTURBANCE
--- STABILIZED CONSTRUCTION ENTRANCE
--- CONCRETE WASHOUT / STORAGE AREA
--- BASIN SEDIMENT FILTER
--- CATCH BASIN
--- STORM SEWER MANHOLE
--- CURB INLET
--- CLEANOUT
--- HEADWALL
--- TRENCH DRAIN
--- AREA DRAIN
--- DOWNSPOUT
--- STABILIZED CONSTRUCTION ENTRANCE
--- CONCRETE WASHOUT AREA
--- INLET PROTECTION
--- TEMPORARY SEEDING
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--- STORAGE AREA FOR FUEL / TRASH / HAZARDOUS MATERIALS

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EMAIL: PAIGE.WEIDNER@CESOINC.COM

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PROJECT NARRATIVE:

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PROPOSED RUNOFF CONDITIONS: DRAINS TO PROPOSED BASIN SOUTH OF PROPOSED BUILDING.

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HYDROLOGIC SOIL GROUPS: 314A - HSG A/D 699 - VA

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2. INSTALL TEMPORARY EROSION CONTROL MEASURES INCLUDING CONSTRUCTION ENTRANCE, FILTER SOCKS, SILT FENCE, SEDIMENT TRAPS, ETC. AS DEPICTED IN THIS PLAN.
3. INSPECTION OF EROSION CONTROL MEASURES AS OUTLINED IN NOTES. REPAIRS AND / OR REPLACEMENTS SHALL BE MADE NECESSARY.
4. BEGIN SITE DEMOLITION / CLEARING.
5. BEGIN ROUGH GRADING. PROVIDE TEMPORARY SEEDING OF DISTURBED AREAS WHICH ARE INACTIVE.
6. INSTALL REMAINING E&S CONTROLS.
7. STORM SEWER AND UNDERGROUND UTILITY CONSTRUCTION.
8. BUILDING PAD.
9. CURB CONSTRUCTION.
10. FINE GRADING AND PAVEMENT SUB-GRADE PREPARATION
11. ASPHALT PAVING AND REMAINING CONCRETE FLATWORK.
12. FINAL SEEDING AND STABILIZATION.



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HANG10 CAR WASH

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PORTSMOUTH, NH 03801

Revisions / Submissions

ID	Description	Date
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Project Number: 766656

Scale: 1" = 20'

Drawn By: VMO

Checked By: CG

Date: 10/03/2025

Issue: NOT FOR CONSTRUCTION

Drawing Title:

SWPPP PHASE II

C6.1

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SWPPP GENERAL NOTES

1. ALL EROSION AND SEDIMENTATION CONTROL SHALL BE PERFORMED ACCORDING TO: SWPPP AND DETAIL PLANS; ACCORDING TO THE LATEST STATE EPA AUTHORIZATION FOR CONSTRUCTION ACTIVITY UNDER THE "NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM" (NPDES); ANY AND ALL REQUIRED PERMITS, REPORTS, AND RELATED DOCUMENTS. ALL CONTRACTORS AND SUBCONTRACTORS MUST BECOME FAMILIAR WITH ALL OF THE ABOVE.
2. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMPs) AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AND GRADE CHANGES TO THE SITE AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
3. CONTRACTOR SHALL MINIMIZE CLEARING AND DISTURBANCE TO THE ENVIRONMENT TO THE MAXIMUM EXTENT POSSIBLE OR AS REQUIRED BY THE GENERAL PERMIT.
4. SEDIMENT STRUCTURE AND PERIMETER SEDIMENT BARRIERS SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING WITHIN SEVEN (7) DAYS FROM THE START OF CLEARING AND GRUBBING, AND SHALL CONTINUE TO FUNCTION UNTIL THE SLOPE DEVELOPMENT AREA IS RESTABILIZED.
5. PERMANENT SOIL STABILIZATION OF DISTURBED AREAS BY MEANS OF VEGETATION, LANDSCAPE TYPE MULCHING, MATTING, SOD, RIP RAP, AND OTHER APPROVED LANDSCAPING TECHNIQUES TO BE APPLIED AS FOLLOWS:
 - WITHIN SEVEN (7) DAYS OF ANY AREA THAT WILL BE DORMANT FOR ONE (1) YEAR OR MORE.
 - WITHIN TWO (2) DAYS OF ANY AREA WITHIN 50 FEET OF A STREAM AT FINAL GRADE.
 - WITHIN SEVEN (7) DAYS FOR ANY OTHER AREA AT FINAL GRADE.
6. TEMPORARY SOIL STABILIZATION OF DISTURBED AREAS BY MEANS OF TEMPORARY VEGETATION, MULCHING, GEOTEXTILES, SOD, PRESERVATION OF EXISTING VEGETATION, AND OTHER APPROVED TECHNIQUES TO BE APPLIED AS FOLLOWS:
 - WITHIN TWO (2) DAYS OF ANY AREA WITHIN 50 FEET OF A STREAM NOT AT FINAL GRADE.
 - WITHIN SEVEN (7) DAYS OF ANY AREA THAT WILL BE DORMANT FOR MORE THAN TWENTY ONE (21) DAYS, BUT LESS THAN ONE (1) YEAR.
 - PRIOR TO THE ONSET OF WINTER WEATHER FOR AREAS THAT WILL BE IDLE OVER WINTER.
7. TEMPORARY SEEDING, MULCHING, AND FERTILIZER SPECIFICATIONS:

SEEDING: ANNUAL RYEGRASS AT 2.02 POUNDS PER 1,000 S.F.

MULCHING: STRAW MATERIAL SHALL BE UNROTTED SMALL GRAIN STRAW APPLIED AT A RATE OF TWO (2) TON/ACRE, OR 80-100 POUNDS PER 1,000 S.F. MULCH MATERIALS SHALL BE RELATIVELY FREE OF ALL KINDS OF WEEDS AND SHALL BE FREE OF PROHIBITIVE NOxious WEEDS. MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICAL MEANS. FROM NOVEMBER 01 THRU MARCH 15 INCREASE THE RATE OF STRAW MULCH TO THREE (3) TON/ACRE.

FERTILIZER: APPLY FERTILIZER AT HALF THE RATE OF PERMANENT APPLICATION AND AS PER ODOT SPECIFICATIONS. IF PROJECT CONDITIONS PREVENT FERTILIZING THE SOIL, THEN THIS ITEM MAY BE WAIVED.
8. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION. ALL SLOPES 3:1 OR GREATER THAN 3:1 SHALL BE FERTILIZED, SEEDDED, AND CURLEX BLANKETS BY AMERICAN EXCELSIOR COMPANY, NORTH AMERICAN GREEN, INC. OR AN APPROVED EQUAL AS SPECIFIED IN THE PLANS SHALL BE INSTALLED ON THE SLOPES.
9. NO SOLID (OTHER THAN SEDIMENT) OR LIQUID WASTE, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED IN STORM WATER RUNOFF. ALL NON-SEDIMENT POLLUTANTS MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL GUIDELINES. WASH OUT OF CEMENT TRUCKS SHOULD OCCUR IN DESIGNATED PIT OR DIKED AREAS, WHERE WASHINGS CAN BE REMOVED AND PROPERLY DISPOSED OFF-SITE WHEN THEY HARDEN. STORAGE TANKS SHOULD ALSO BE LOCATED IN PIT OR DIKED AREAS. IN ADDITION, SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS TO CLEAN AND CONTAIN FUEL AND CHEMICAL SPILLS MUST BE KEPT ON SITE.
10. IF THE ACTION OF VEHICLES TRAVELING OVER THE STABILIZED CONSTRUCTION EXIT DOES NOT SUFFICIENTLY REMOVE MOST OF THE DIRT AND MUD, THEN THE TIRES MUST BE WASHED BEFORE VEHICLES ENTER A PUBLIC ROAD. PROVISIONS MUST BE MADE TO INTERCEPT THE WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
11. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DISPOSED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE SITE THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
12. DUST CONTROL USING APPROVED MATERIALS MUST BE PERFORMED AT ALL TIMES. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION IS PROHIBITED.
13. ON-SITE AND OFF-SITE STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION BY THE USE OF BEST MANAGEMENT PRACTICES. THESE AREAS MUST BE SHOWN IN THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS. AT A MINIMUM SILT FENCE TO BE PLACED AT PERIMETER OF STOCKPILE AREA TO PREVENT SOIL FROM LEAVING THE STOCKPILE AREA.
14. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED ONTO THE ROADWAYS OR INTO THE STORM SEWERS MUST BE REMOVED IMMEDIATELY.
15. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH DAY; THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR ASPHALT FOR ROAD CONSTRUCTION.
16. THE LAST LAYER OF SOIL, INCLUDING TOP SOIL SHOULD BE COMPACTED TO 80% - 85% OF THE MAXIMUM STANDARD PROCTOR DENSITY. IN AREAS OUTSIDE THE PARKING LOT THAT WILL RECEIVE VEGETATION, THIS IS PARTICULARLY IMPORTANT IN CUT SLOPE AND EMBANKMENT AREAS. IN PAVEMENT AND ISLAND AREAS, IT IS RECOMMENDED THAT THE SOIL BE COMPACTED TO 88% AND 95% OF THE MAXIMUM STANDARD PROCTOR DENSITY RESPECTIVELY. THE LAST COMPACTED LAYER MAY BE SCARIFIED TO IMPROVE THE SOIL GROWTH CHARACTERISTICS.
17. ALL DEWATERING ACTIVITIES SUCH AS PUMPING DOWN OF FLOODED FOUNDATION AND UTILITY TRENCHES MUST PASS THROUGH THE RETROFITTED DETENTION BASIN OR A SEDIMENT CONTROL PRACTICE PRIOR TO LEAVING THE SITE.
18. SILT FENCE AND OTHER PERIMETER EROSION CONTROL MEASURES SHOWN OFF LIMITS OF DISTURBANCE FOR CLARITY PURPOSES ONLY. CONTRACTOR TO ENSURE PERIMETER EROSION CONTROL MEASURES ARE PLACED AT THE LIMITS OF DISTURBANCE. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ENGINEER PRIOR TO PLACEMENT OF ANY EROSION CONTROL MEASURES.

SWPPP MAINTENANCE NOTES

1. ALL CONTROL MEASURES STATED IN THE SWPPP SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL TEMPORARY OR PERMANENT STABILIZATION OF THE SITE IS ACHIEVED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED BY A QUALIFIED PERSON IN ACCORDANCE TO THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED ACCORDING TO THE FOLLOWING.
2. INLET PROTECTION DEVICES AND CONTROLS SHALL BE REPAIRED OR REPLACED WHEN THEY SHOW SIGNS OF UNDERMINING AND OR DETERIORATION. INLET PROTECTION DEVICES SHOULD BE ROUTINELY CLEANED AND MAINTAINED.

3. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STANDING OF GRASS IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDDED AS NEEDED.
4. MINIMIZE OFF-SITE SEDIMENT TRACKING OF VEHICLES BY THE USE OF STONE MATERIAL IN ALL CONSTRUCTION ENTRANCES, ALONG WITH REGULARLY SCHEDULED SWEEPING/GOOD HOUSEKEEPING. STABILIZED CONSTRUCTION ENTRANCES TO BE PROPERLY MAINTAINED BY GENERAL CONTRACTOR AND IN GOOD WORKING ORDER AT ALL TIMES; THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE STONE AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE) BY GENERAL CONTRACTOR. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
6. CONTRACTORS AND SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING ALL SEDIMENT FROM THE SITE, AND STORM SEWER SYSTEMS. SEDIMENT DEPOSITION DURING SITE STABILIZATION MUST ALSO BE REMOVED.
7. STONE CONSTRUCTION EXIT TO BE MAINTAINED BY GENERAL CONTRACTOR UNTIL SITE HAS BEEN PAVED OR IS NO LONGER REQUIRED.
8. ALL CATCH BASIN GRATES ARE TO BE PROTECTED WITH INLET BAGS AFTER THEY ARE INSTALLED. THEY SHOULD BE ROUTINELY CLEANED AND MAINTAINED.
9. CONTAINERS SHALL BE AVAILABLE FOR DISPOSAL OF DEBRIS, TRASH, HAZARDOUS OR PETROLEUM WASTES. ALL CONTAINERS MUST BE COVERED AND LEAK-PROOF. ALL WASTE MATERIAL SHALL BE DISPOSED OF AT FACILITIES APPROVED FOR THE PERTINENT MATERIAL.
10. BRICKS, HARDENING CONCRETE AND SOIL WASTE SHALL BE FREE FROM CONTAMINATION WHICH MAY LEACH CONSTITUENTS TO WATERS OF THE STATE.
11. CLEAN CONSTRUCTION WASTES THAT WILL BE DISPOSED INTO THE PROPERTY SHALL BE SUBJECT TO ANY LOCAL PROHIBITIONS FROM THIS TYPE OF DISPOSAL.
12. ALL CONSTRUCTION AND DEMOLITION DEBRIS (C&DD) WASTE SHALL BE DISPOSED OF IN AN OHIO EPA APPROVED C&DD LANDFILL AS REQUIRED BY OHIO REVISED CODE 3714. CONSTRUCTION DEBRIS MAY BE DISPOSED OF ON-SITE, BUT DEMOLITION DEBRIS MUST BE DISPOSED IN AN OHIO EPA APPROVED LANDFILL. ALSO, MATERIALS WHICH CONTAIN ASBESTOS MUST COMPLY WITH AIR POLLUTION REGULATIONS (SEE OHIO ADMINISTRATIVE CODE 3745-20).
13. AREA SHALL BE DESIGNATED BY CONTRACTOR AND SHOWN ON SWPPP MAP FOR MIXING OR STORAGE OF COMPOUNDS SUCH AS FERTILIZERS, LIME ASPHALT, OR CONCRETE. THESE DESIGNATED AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS, OR OTHER STORMWATER DRAINAGE AREA.
14. EQUIPMENT FUELING & MAINTENANCE SHALL BE IN DESIGNATED AREAS ONLY.
15. A SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN MUST BE DEVELOPED FOR SITES WITH ONE ABOVE-GROUND STORAGE TANK OF 660 GALLONS OR MORE, TOTAL ABOVE-GROUND STORAGE OF 1,330 GALLONS OR BELOW-GROUND STORAGE OF 4,200 GALLONS OF FUEL.
16. ALL DESIGNATED CONCRETE WASHOUT AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS OR OTHER STORMWATER DRAINAGE AREAS.
17. ALL CONTAMINATED SOIL MUST BE TREATED AND/OR DISPOSED IN AN OHIO EPA APPROVED SOLID WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITIES.
18. THE CONTRACTOR SHALL CONTACT THE STATE EPA, THE LOCAL FIRE DEPARTMENT AND THE LOCAL EMERGENCY PLANNING COMMITTEE IN THE EVENT OF A PETROLEUM SPILL (>25 GALLONS) OR THE PRESENCE OF SHEEN.
19. OPEN BURNING IS NOT PERMITTED ON THE SITE.
20. CONTRACTOR TO ENSURE STREETS SHALL BE CLEARED OF DEBRIS FROM SITE AND SWEEPED CLEAN ON AN AS NEEDED BASIS.



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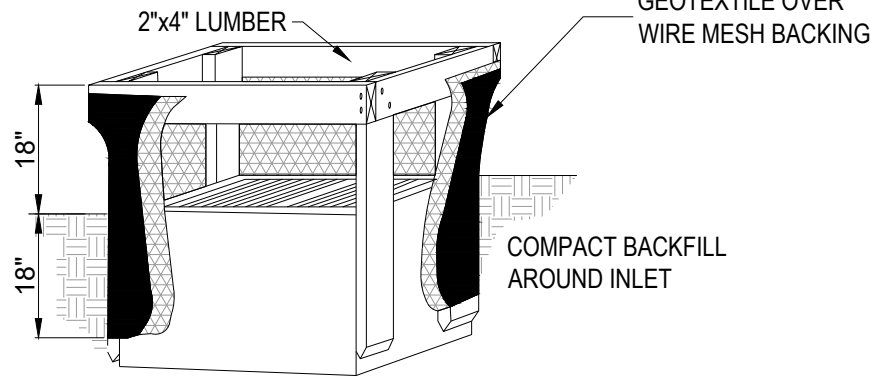
Revisions / Submissions		
ID	Description	Date

Project Number:	766656
Scale:	NOT TO SCALE
Drawn By:	VMO
Checked By:	CG
Date:	10/03/2025
Issue:	NOT FOR CONSTRUCTION

Drawing Title:
SWPPP NOTES

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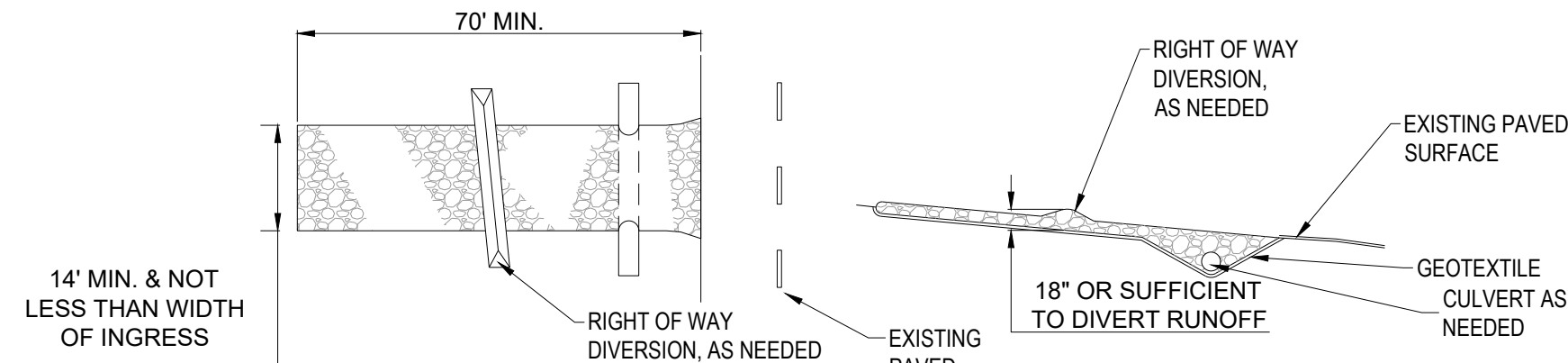
SECTION

NOTES:

1. INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE INLET BECOMES FUNCTIONAL.
2. THE EARTH AROUND THE INLET SHALL BE EXCAVATED COMPLETELY TO A DEPTH AT LEAST 18 INCHES.
3. THE WOODEN FRAME SHALL BE CONSTRUCTED OF 2-INCH BY 4-INCH CONSTRUCTION GRADE LUMBER. THE 2-INCH BY 4-INCH POSTS SHALL BE DRIVEN 18" INTO THE GROUND AT FOUR CORNERS OF THE INLET AND THE TOP PORTION OF 2-INCH BY 4-INCH FRAME ASSEMBLED USING THE OVERLAP JOINT SHOWN. THE TOP OF THE FRAME SHALL BE AT LEAST 6 INCHES BELOW ADJACENT ROADS IF PONDED WATER WILL POSE A SAFETY HAZARD TO TRAFFIC.
4. WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC WITH WATER FULLY IMPOUNDED AGAINST IT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY TO THE FRAME.
5. GEOTEXTILE MATERIAL SHALL HAVE AN EQUIVALENT OPENING SIZE OF 20-40 SIEVE AND BE RESISTANT TO SUNLIGHT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY. IT SHALL EXTEND FROM THE TOP OF THE FRAME TO 18 INCHES BELOW THE INLET NOTCH ELEVATION. THE GEOTEXTILE SHALL OVERLAP ACROSS ONE SIDE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.
6. BACKFILL SHALL BE PLACED AROUND THE INLET IN COMPACTED 6 INCH LAYERS UNTIL THE EARTH IS EVEN WITH NOTCH ELEVATION ON ENDS AND TOP ELEVATION ON SIDES.
7. A COMPACTED EARTH DIKE OR CHECK DAM SHALL BE CONSTRUCTED IN THE DITCH LINE BELOW THE INLET IF THE INLET IS NOT IN A DEPRESSION. THE TOP OF THE DIKE SHALL BE AT LEAST 6 INCHES HIGHER THAN THE TOP OF THE FRAME.

AREA INLET PROTECTION

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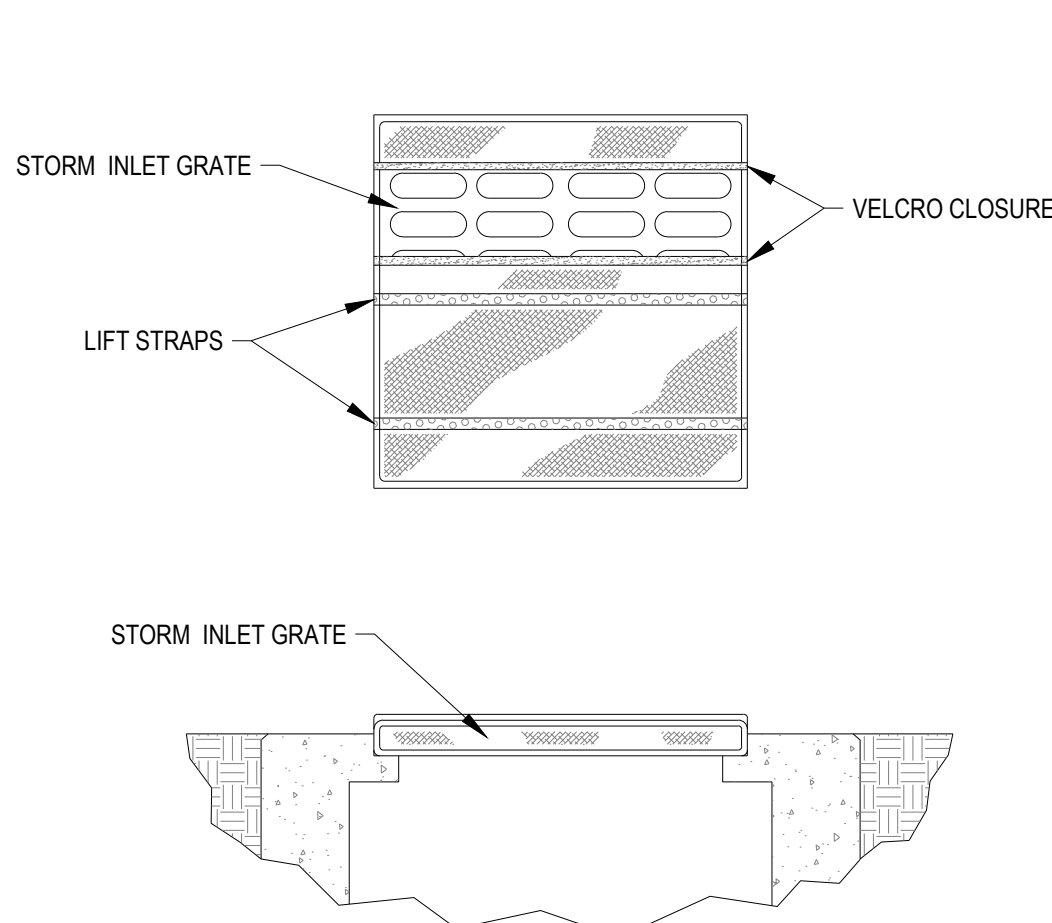
NOTES:

1. STONE SIZE - (1.5-2.5 INCH) STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - THE CONSTRUCTION ENTRANCE SHALL BE AS LONG AS REQUIRED TO STABILIZE HIGH TRAFFIC AREAS BUT NOT LESS THAN 70 FT. (EXCEPTION: APPLY 30 FT. MINIMUM TO SINGLE RESIDENCE LOTS.
3. THICKNESS - THE STONE LAYER SHALL BE AT LEAST 6 INCHES THICK FOR LIGHT DUTY ENTRANCES OR AT LEAST 10 INCHES FOR HEAVY DUTY USE.
4. WIDTH - THE ENTRANCE SHALL E AT LEAST 14 FEET WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. GEOTEXTILE - A GEOTEXTILE SHALL BE LAID OVER THE ENTIRE AREA PRIOR TO PLACING STONE, IT SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS AND MEET THE FOLLOWING SPECIFICATIONS:
6. TIMING - THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS SOON AS IS PRACTICAL BEFORE MAJOR GRADING ACTIVITIES.
7. CULVERT - A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FROM FLOWING ACROSS THE ENTRANCE OR TO PREVENT RUNOFF FROM BEING DIRECTED OUT ONTO PAVED SURFACES.

8. WATER BAR - A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
9. MAINTENANCE - TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, ORA ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
10. CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION-SITE SHALL BE RESTRICTED FROM MUDDY AREAS.
11. REMOVAL - THE ENTRANCE SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY OR ENTRANCE.

STABILIZED CONSTRUCTION ENTRANCE

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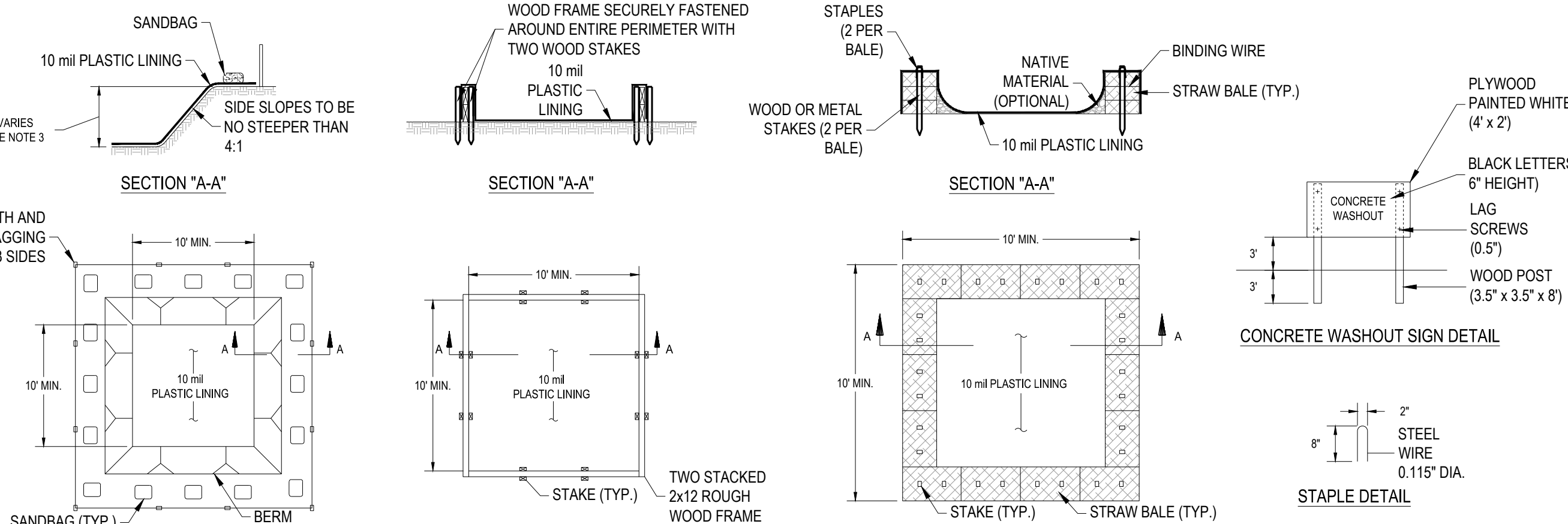


NOTE:

INLET PROTECTION SHALL BE DANDY BAG OR APPROVED OTHER.

INLET PROTECTION

NTS

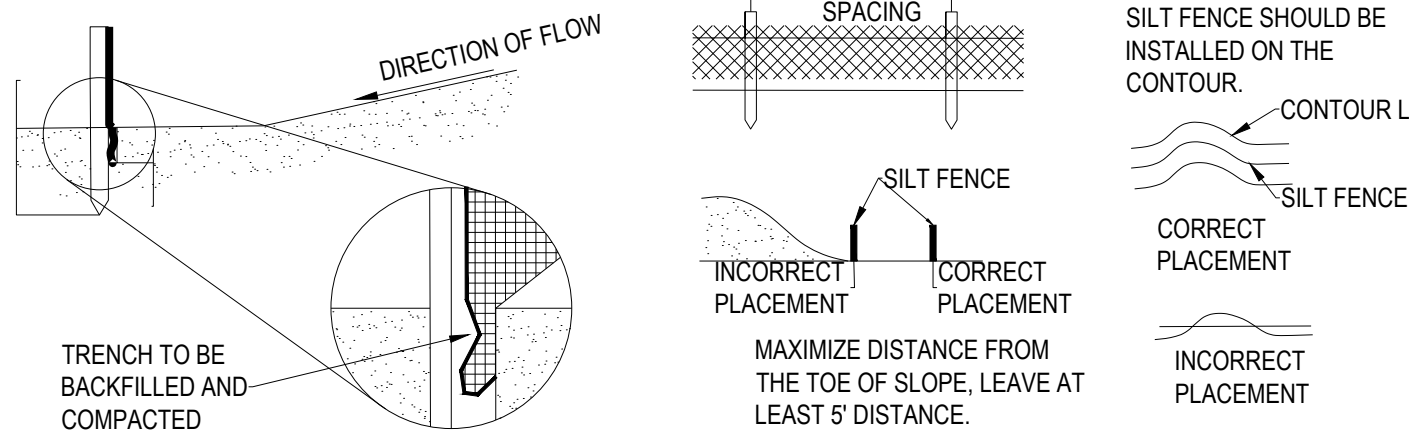


NOTES:

1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. THE WASHOUT MUST HAVE SUFFICIENT VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS INCLUDING BUT NOT LIMITED TO OPERATIONS ASSOCIATED WITH GROUT AND MORTAR.

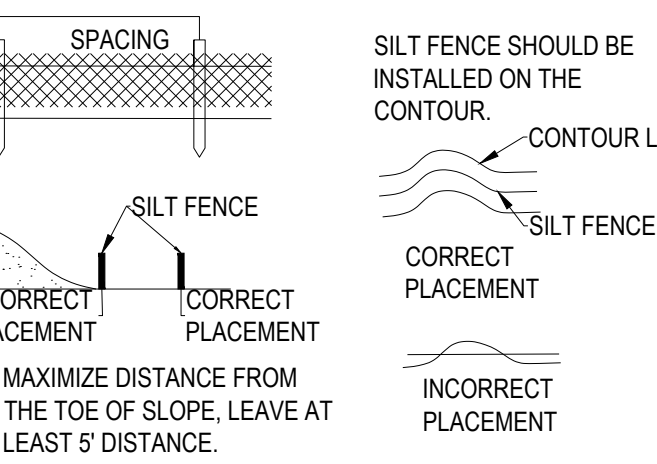
CONCRETE WASHOUT

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NOTES:

1. SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
2. ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS WHICH MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
3. TO PREVENT WATER PONDED BY THE SILT FENCE FROM FLOWING AROUND THE ENDS, EACH END SHALL BE CONSTRUCTED UPSLOPE SO THAT THE ENDS ARE AT A HIGHER ELEVATION.
4. WHERE POSSIBLE, SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
5. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FT. (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE ESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.
6. THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16 IN. ABOVE THE ORIGINAL GROUND SURFACE.



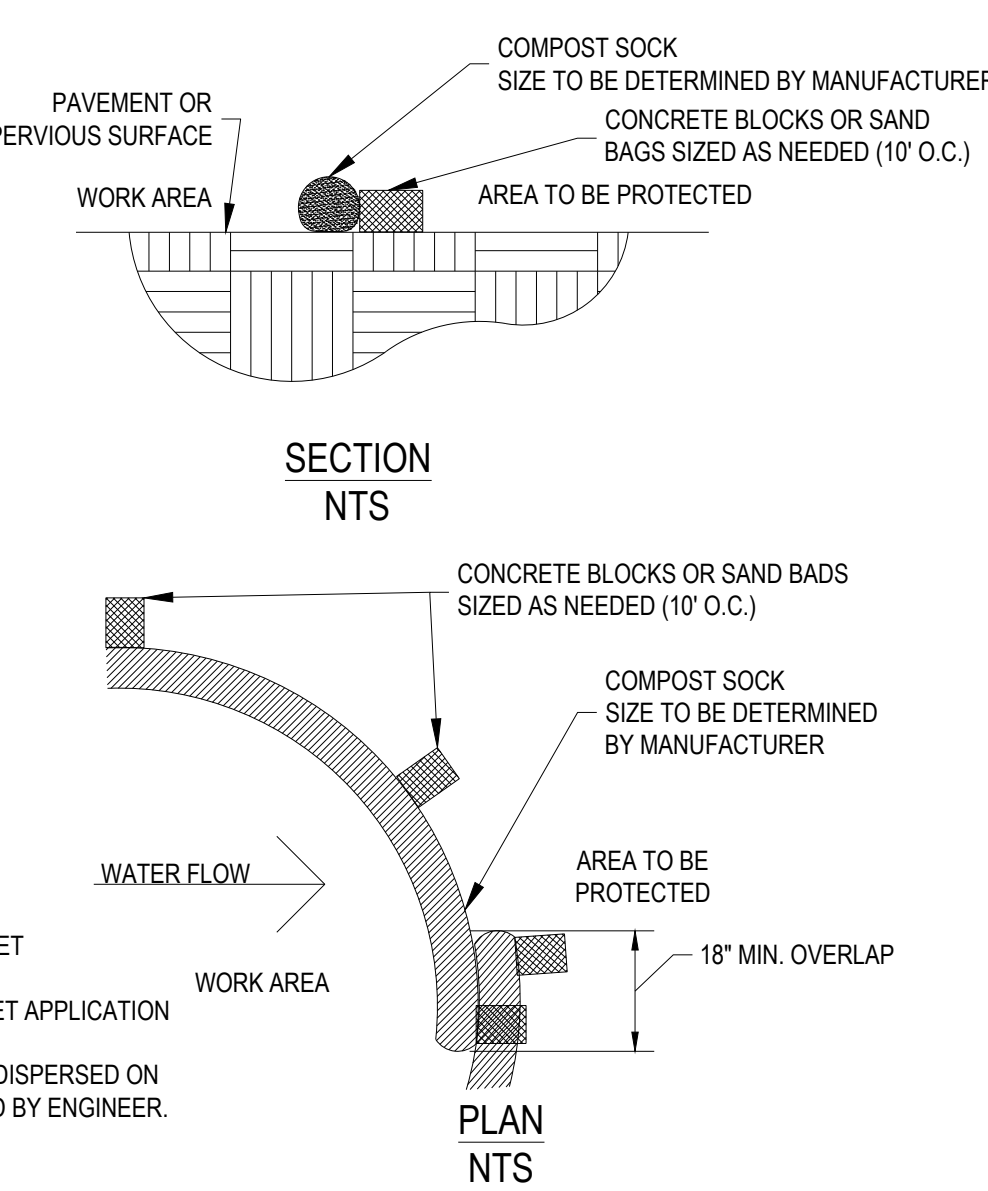
SPECIFICATIONS FOR SILT FENCE		
FABRIC PROPERTIES	VALUES	TEST METHODS
GRAB TENSILE STRENGTH	90 LB. MINIMUM	ASTM D-1682
MULEN BURST STRENGTH	190 PSI MINIMUM	ASTM D-3786
SLURRY FLOW RATE	0.3 GAL/MIN/FT. MAX.	
EQUIVALENT OPENING SIZE	40-80	US STD. SIEVE CW 02215
ULTRAVIOLET RADIATION STABILITY	90% MINIMUM	ASTM - G 26

CRITERIA FOR SILT FENCE MATERIALS

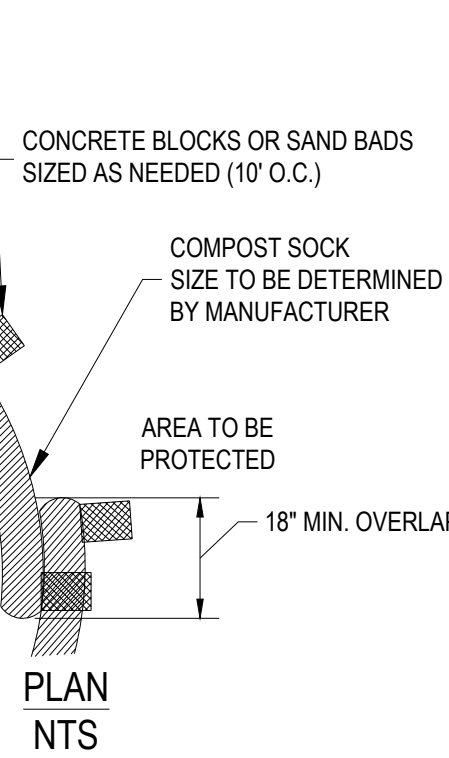
1. FENCE POSTS - THE LENGTH SHALL BE A MINIMUM OF 32 INCHES LONG. WOOD POSTS WILL BE 2 IN. X 2 IN. HARDWOOD OF SOUND QUALITY. THE MAXIMUM SPACING BETWEEN POSTS SHALL BE 10 FT.
2. SILT FENCE FABRIC (SEE CHART BELOW)

SILT FENCE

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SECTION NTS



COMPOST SOCK ON PAVEMENT

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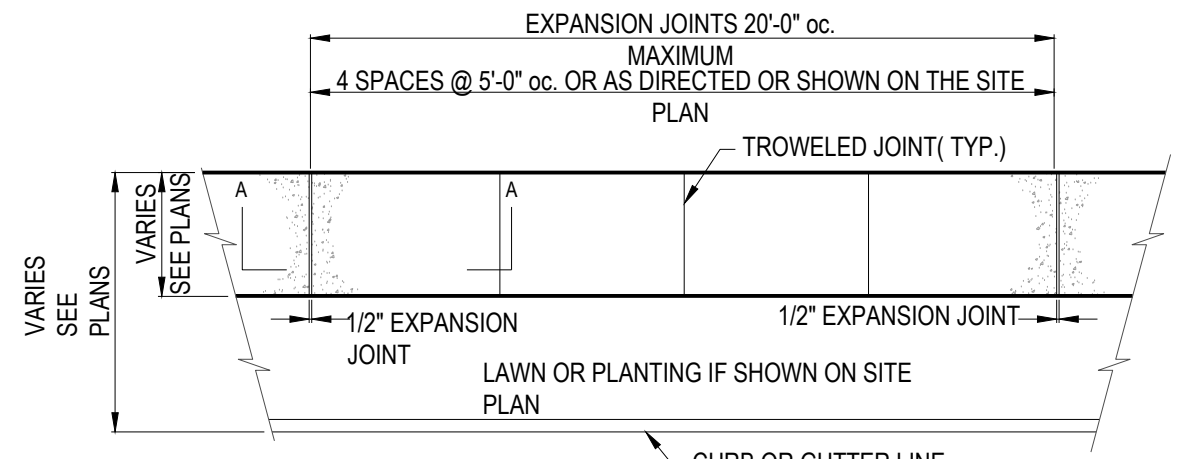
Revisions / Submissions		
ID	Description	Date

Project Number:	766656
Scale:	NOT TO SCALE
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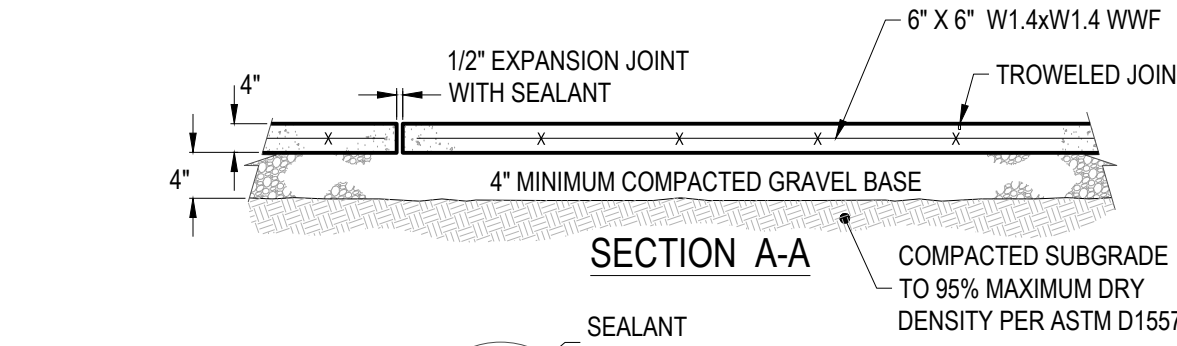
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SWPPP DETAILS

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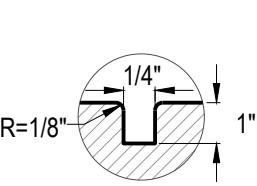
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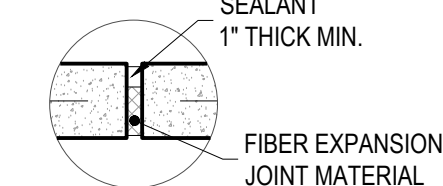
PLAN VIEW



SECTION A-A



TROWELED JOINT



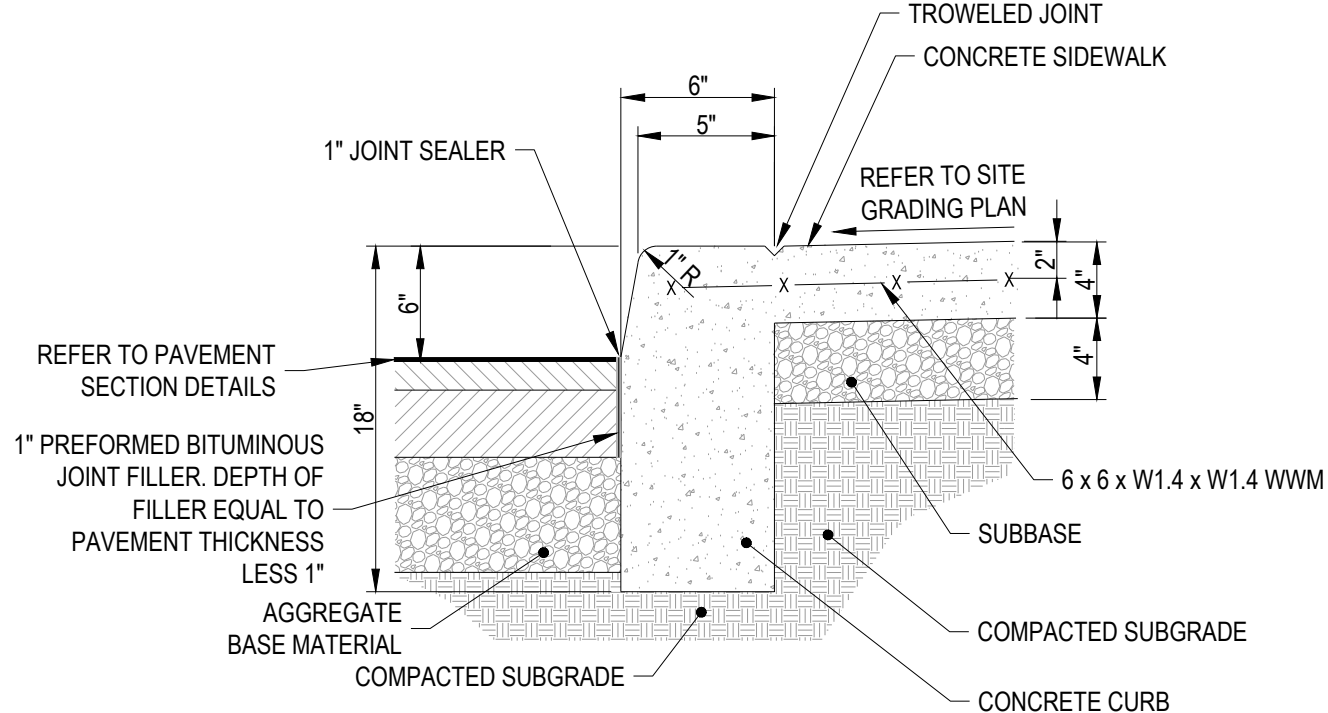
EXPANSION JOINT

NOTES:

1. ALL CONCRETE CURBS AND SIDEWALKS TO BE 4000 P.S.I. CONCRETE.
2. SIDEWALK TO BE SLOPED 2% MAX. AWAY FROM BUILDING.
3. ALL SIDEWALKS SHALL BE BROOM FINISHED.

CONCRETE SIDEWALK

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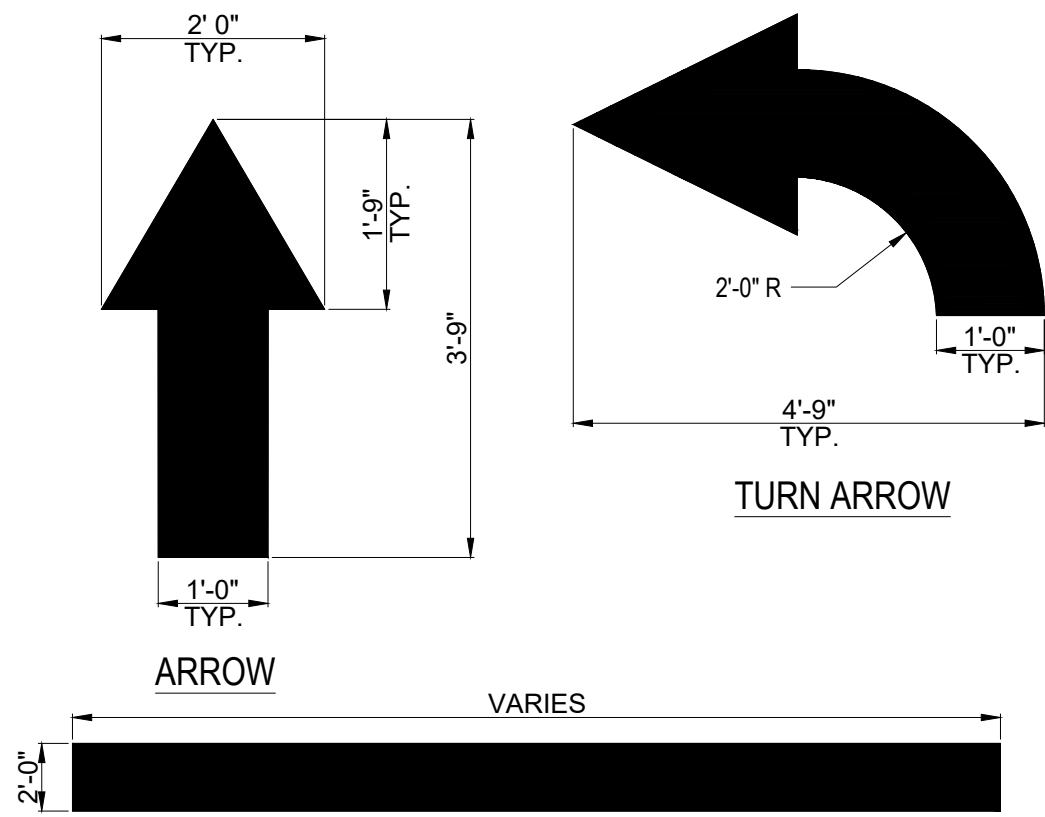


NOTES:

1. ALL CONCRETE CURBS AND SIDEWALKS TO BE 4,000 P.S.I. CONCRETE AT 28 DAYS.
2. TRANSVERSE EXPANSION JOINTS, 1/2" WIDE, SHALL BE INSTALLED IN THE CURB 20'-0" APART MAXIMUM. SPACING SHALL MATCH SIDEWALK.
3. EXPANSION JOINTS SHALL BE FILLED WITH 1/2" PREFORMED JOINT FILLER, RECESSED 1/4" FROM TOP AND FACE OF CURB.
4. MAXIMUM HEIGHT OF CURB TO PAVING IS 6".

CONCRETE CURB W/ SIDEWALK

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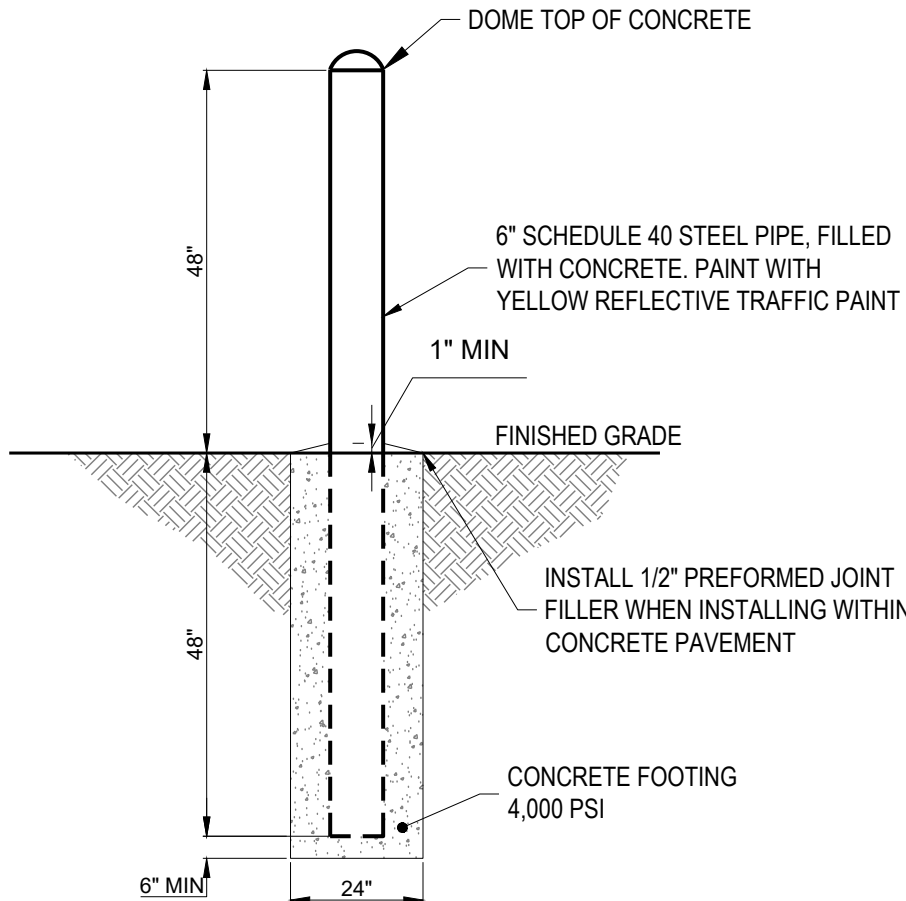


STOP BAR

STOP

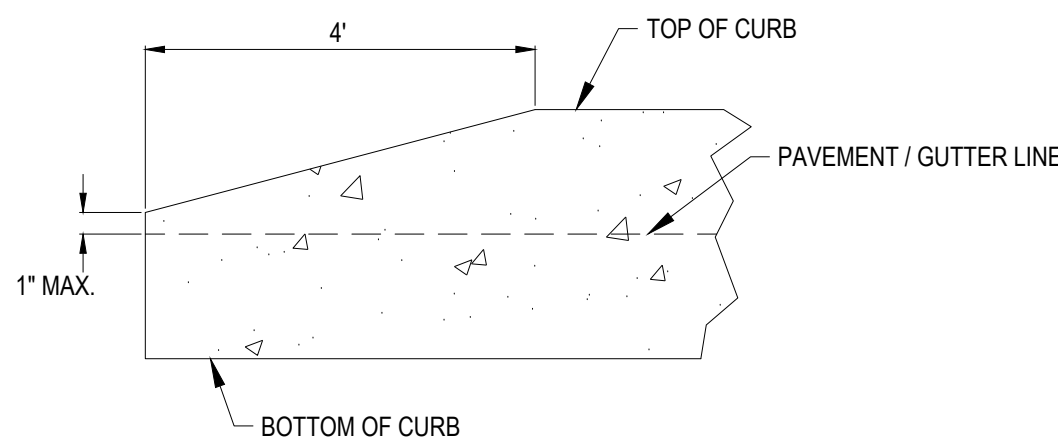
PAVEMENT MARKINGS

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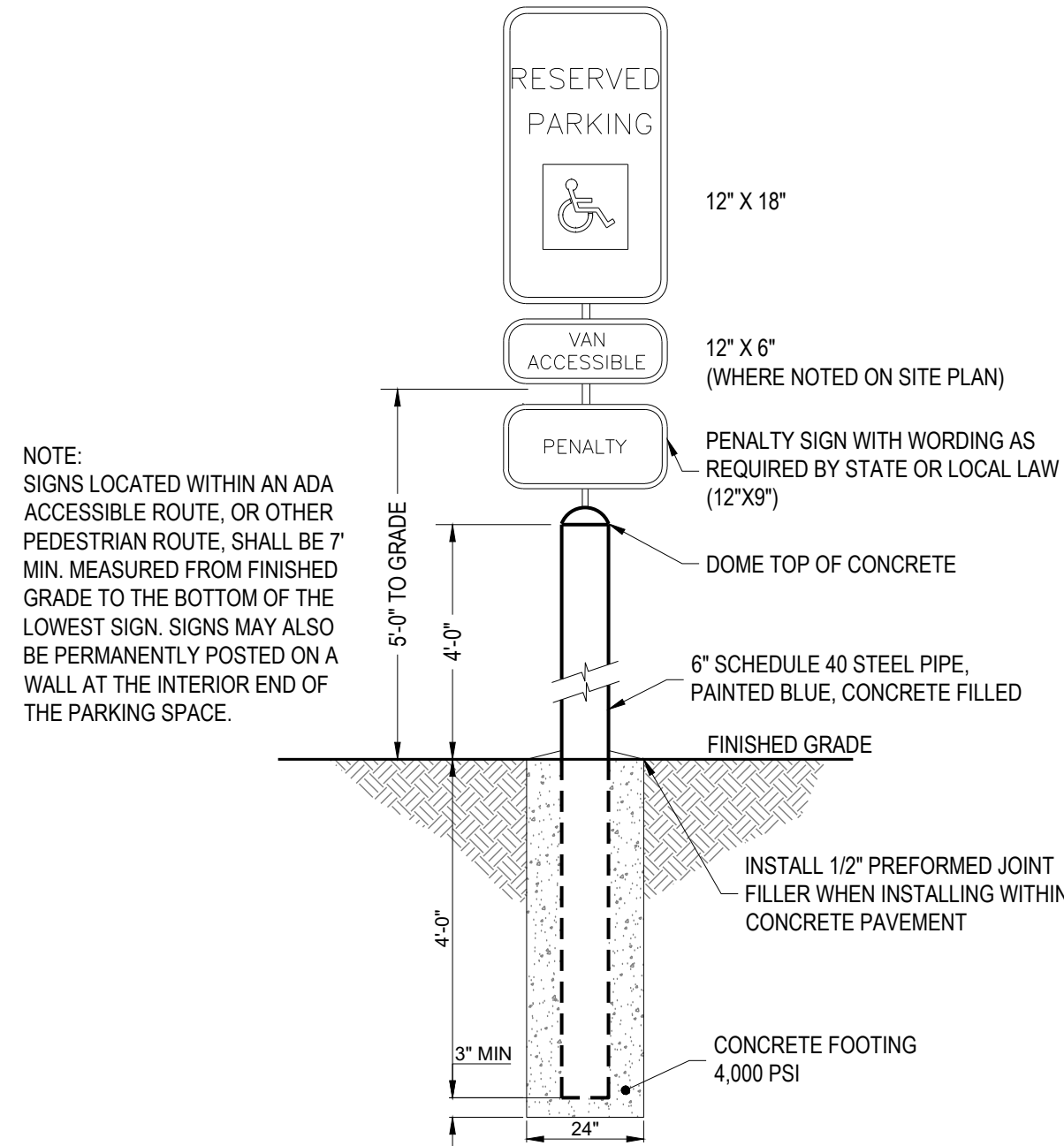
BOLLARD

NTS



CURB TAPER

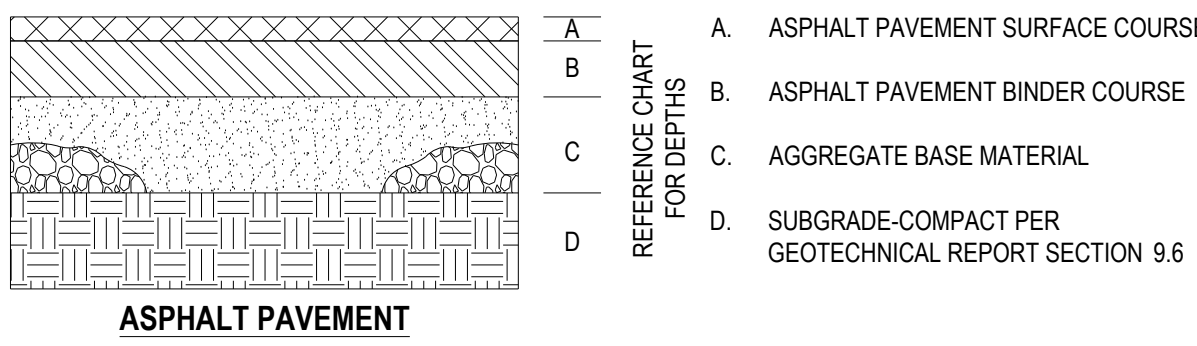
NTS



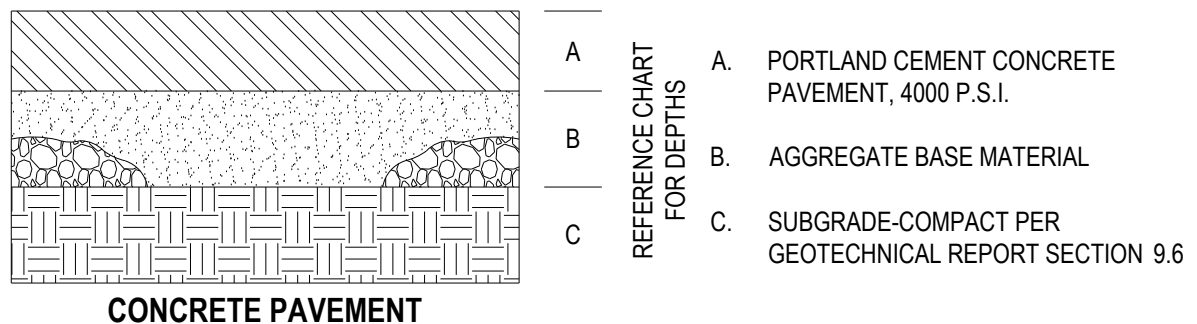
NOTE: SIGNS LOCATED WITHIN AN ADA ACCESSIBLE ROUTE, OR OTHER PEDESTRIAN ROUTE, SHALL BE 7" MIN. MEASURED FROM FINISHED GRADE TO THE BOTTOM OF THE LOWEST SIGN. SIGNS MAY ALSO BE PERMANENTLY POSTED ON A WALL AT THE INTERIOR END OF THE PARKING SPACE.

ACCESSIBLE PARKING SIGN IN BOLLARD

NTS



ASPHALT PAVEMENT

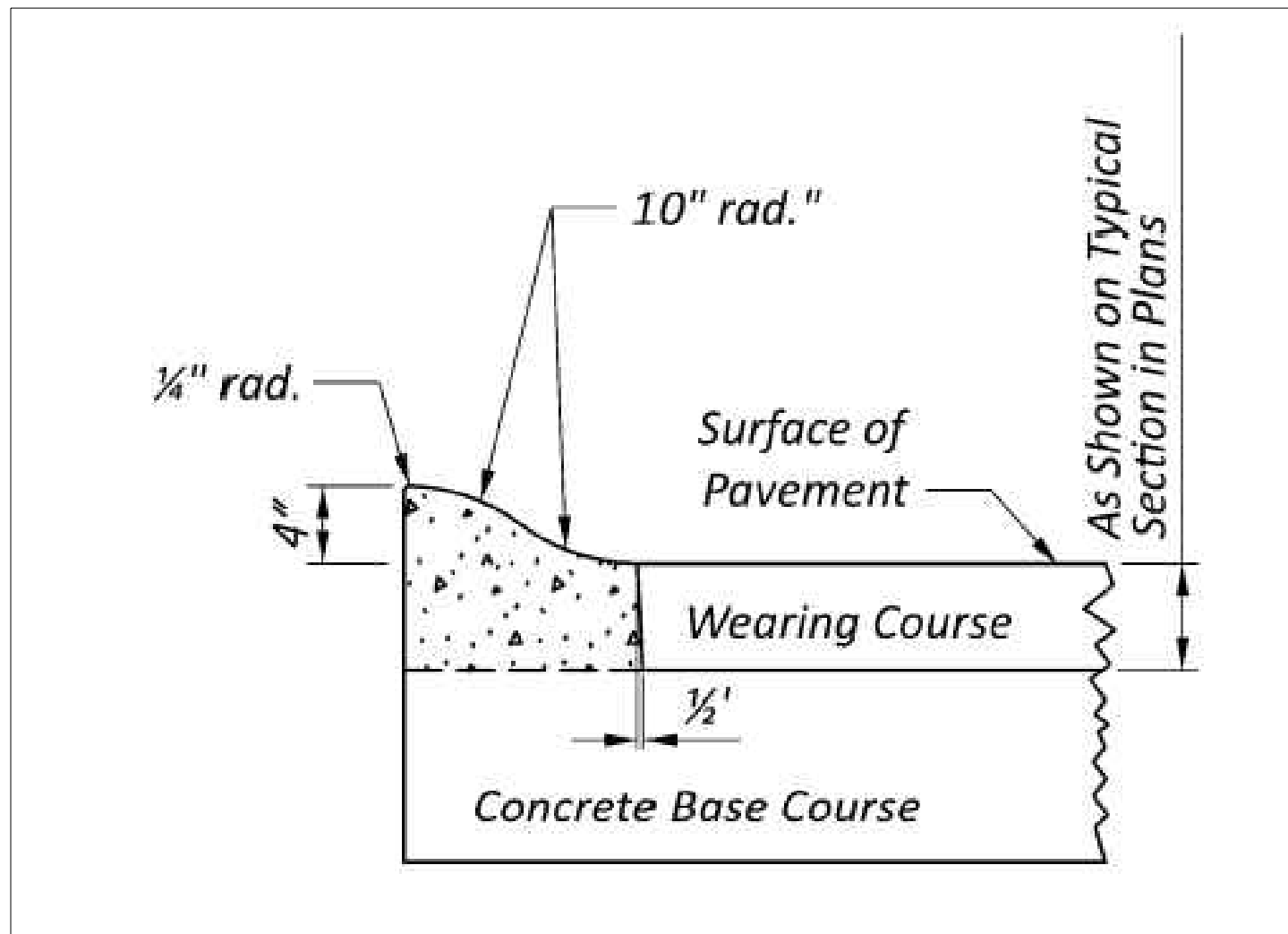


CONCRETE PAVEMENT

PAVEMENT LAYER DEPTHS					
	ASPHALT			CONCRETE	
	A	B	C	A	B
STANDARD DUTY	1"	2.5"	6"	6"	4"
HEAVY DUTY	1"	3"	8"	x	x

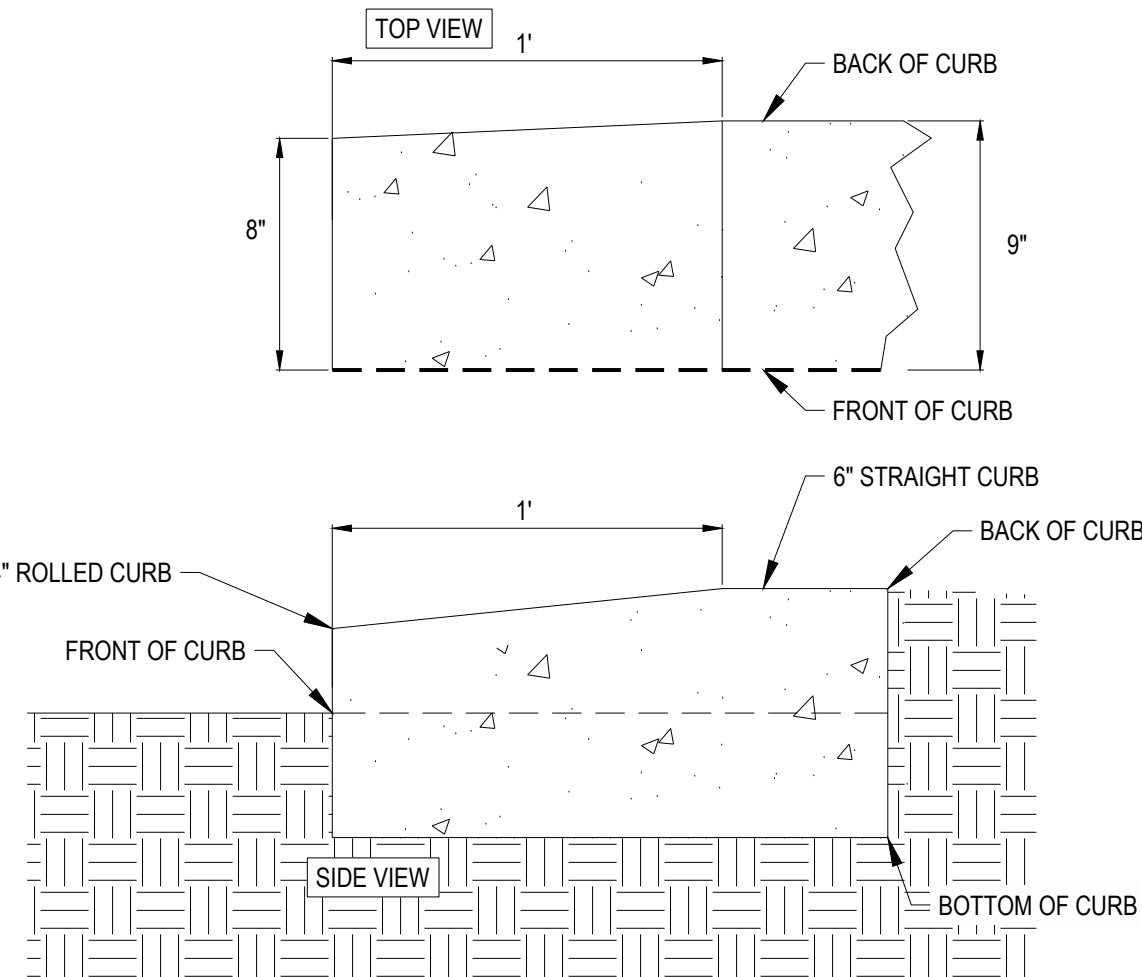
PAVEMENT SECTIONS

NTS



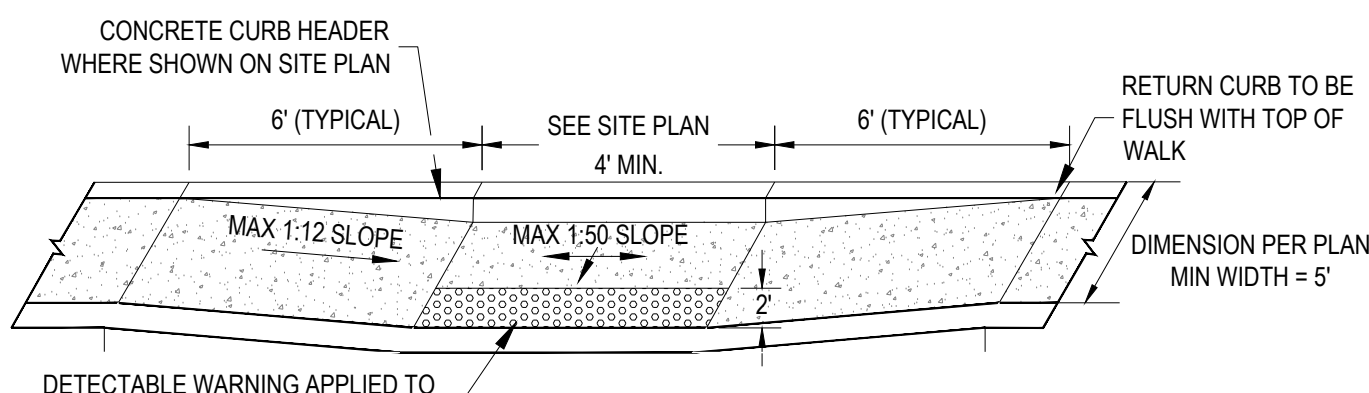
ROLLED CURB

NTS



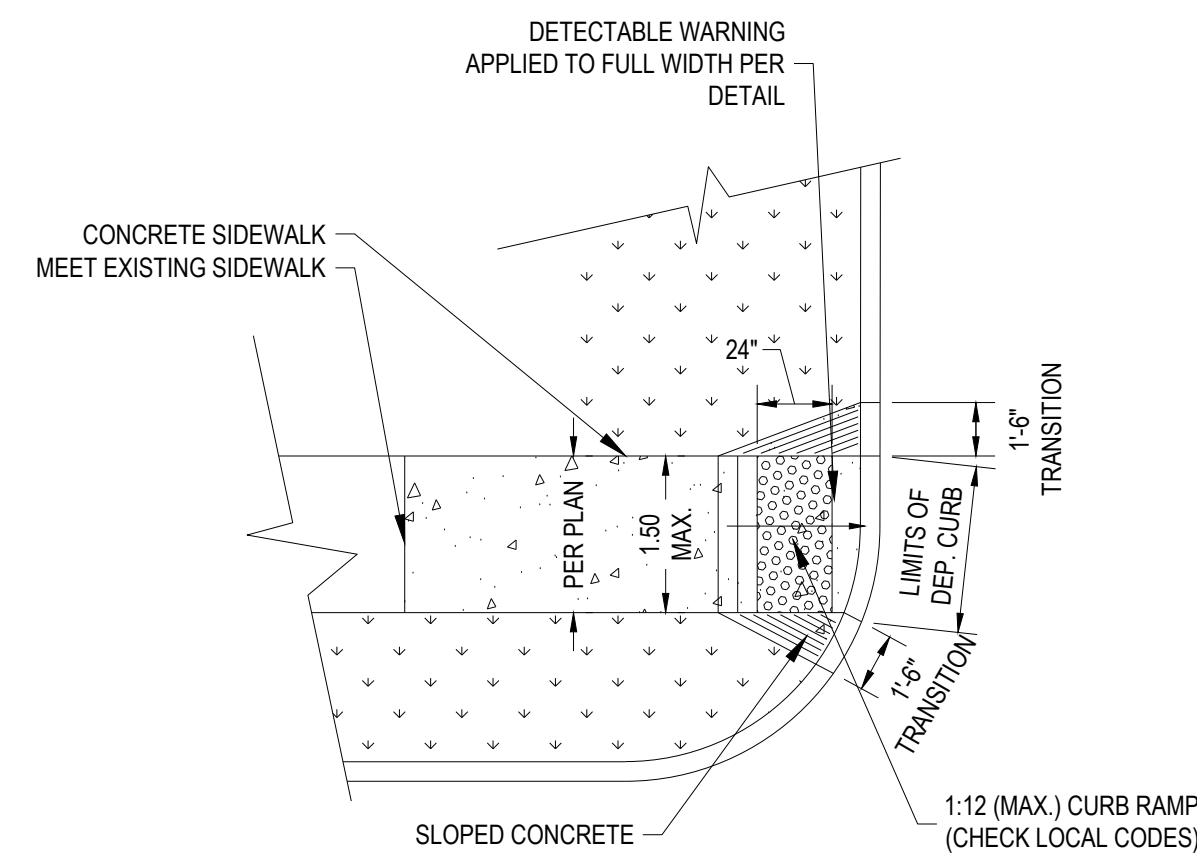
CURB TRANSITION

NTS



ACCESSIBLE CURB RAMP (TYPE I)

NTS



ACCESSIBLE CURB RAMP (TYPE II)

NTS



HANG10 CAR WASH

PORTSMOUTH, NH

2299 LAFAYETTE RD
PORTSMOUTH, NH 03801

Revisions / Submissions		
ID	Description	Date

Project Number:	766656
Scale:	NOT TO SCALE
Drawn By:	VMO
Checked By:	CG
Date:	10/03/2025
Issue:	NOT FOR CONSTRUCTION

Drawing Title:
CONSTRUCTION
DETAILS

C7.0

PORTSMOUTH, NH

2299 LAFAYETTE RD
ROBTSMOUTH NH 03801

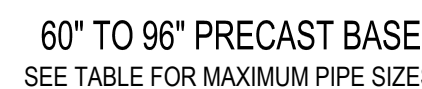
ID	Description	Date
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Project Number:	766656
Scale:	NOT TO SCALE
Drawn By:	VMO
Checked By:	CG
Date:	10/03/2025
Issue:	NOT FOR CONSTRUCTION

UTILITY DETAILS

C7.1

5. JOINT SEAL BETWEEN PRECAST MANHOLE SECTIONS AND PIPES SHALL BE RESILIENT AND FLEXIBLE GASKET JOINTS PER ASTM C-923 OR LATEST EDITION.
6. O-RING JOINT, BETWEEN MANHOLE SECTIONS SHALL BE FLEXIBLE BUTYL RUBBER SEAL PER ASTM C-390.
7. PRECAST MANHOLE SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-478.
8. CONCRETE SHALL BE 4000 PSI.
9. SEAL LIFT HOLES WITH NON-SHRINK GROUT.
9. FRAME AND COVER:
 - 9.1. FRAME WITH SOLID COVER USE EAST JORDAN 1710A, WITH APPROPRIATE LETTERING OR APPROVED OTHER.
 - 9.2. FRAME WITH GRATE USE EAST JORDAN 1710M OR APPROVED OTHER.



NTS



NTS



NTS

SIZING SCHEDULE**							
CAPACITY (US/GAL)	GREASE CAP. (LBS)	EMPTY WT (LBS)	LENGTH, L	WIDTH, W	HEIGHT, H	INV 1'	INV 2'
500	1,200	9,500	7'-10"	4'-4"	4'-6"	3'-3"	3'-0"
750	1,700	9,900	7'-10"	4'-4"	6'-0"	4'-5"	4'-2"
1,000	2,300	13,350	8'-8"	5'-0"	6'-0"	4'-9"	4'-6"
1,250	2,900	14,650	9'-2"	5'-8"	6'-0"	4'-9"	4'-6"
1,500	3,500	16,050	9'-2"	5'-8"	7'-0"	5'-9"	5'-6"
2,000	4,600	21,250	9'-0"	6'-0"	8'-0"	6'-9"	6'-6"
2,500	5,700	27,050	13'-0"	7'-0"	7'-0"	5'-9"	5'-6"
3,000	6,900	33,150	13'-0"	7'-0"	8'-0"	6'-9"	6'-6"
3,500	8,000	38,550	13'-0"	7'-0"	8'-6"	7'-3"	7'-0"
4,000	9,300	38,100	16'-0"	8'-6"	7'-0"	5'-9"	5'-6"

*INVERT MEASUREMENTS ARE FROM BOTTOM OF BASE.
 **THE CAPACITIES AND DIMENSIONS INDICATED IN THE THE TABLE ARE APPROXIMATIONS AND THE CONTRACTOR SHALL OBTAIN EXACT CAPACITIES AND DIMENSIONS FROM THE MANUFACTURER.



NTS

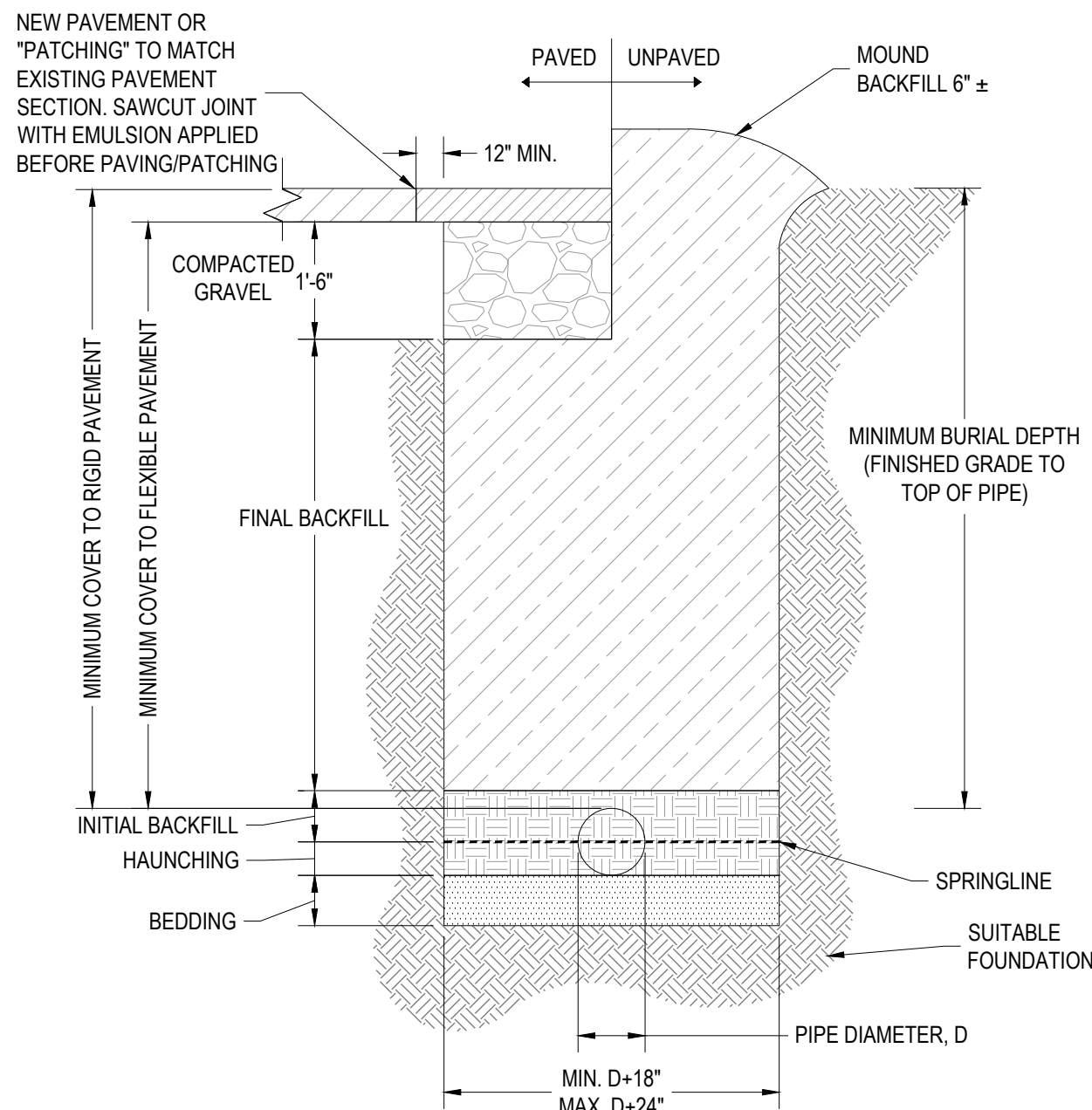


TABLE 1: BACKFILL AND EMBEDMENT MATERIALS	
SOIL CLASSIFICATIONS (AS DEFINED IN ASTM D2487 AND D2321)	
CLASS I	CRUSHED ROCK ANGULAR (CLEAN).
CLASS II	GRAVEL AND/OR SANDS, WITH LITTLE OR NO FINES.
CLASS III	SAND/SILT AND SAND/CLAY MIXTURES.
CLASS IV	INORGANIC CLAYS
CLASS V	ORGANIC SILTS, CLAYS, AND PEATS.
SOIL CLASSIFICATIONS (AS DEFINED IN ASCE 15-98)	
CATEGORY I	GRAVELLY SAND
CATEGORY II	SANDY SILT
CATEGORY III	SILTY CLAY

NOTES:

- IN THE CASE OF TRENCH BOTTOM BEING UNSTABLE, THE CONTRACTOR SHALL REPLACE FOUNDATION WITH SUITABLE MATERIAL AS SPECIFIED BY GEOTECHNICAL ENGINEER.
- COMPACTION PERCENTAGES SPECIFIED REFER TO STANDARD PROCTOR PERCENT COMPACTION.
- CONTRACTOR TO MANDATE DEWATERING IN TRENCHES DURING CONSTRUCTION.
- TRENCHING OPERATIONS SHALL CONFORM TO ALL OSHA REQUIREMENTS.
- FOR HDPE AND PVC WATERLINES AND LONG SEWER LATERALS, INSTALL METALLIC LOCATOR TAPE 12" (MIN) AND 18" (MAX) BELOW FINISHED SUBGRADE ELEVATION. INSTALL TRACER WIRE LOCATED AT THE TOP OF THE PIPE WITHIN THE INITIAL BACKFILL.

UTILITY PIPE TRENCH AND BEDDING

NTS

PVC PIPE	
ZONE	DEPTH / SOIL MATERIAL
FINAL BACKFILL	CLASS I-V*
INITIAL BACKFILL	MINIMUM DEPTH = D/2 (12" COMMON)** CLASS I, II, AND III*
HAUNCHING	DEPTH = D/2** CLASS I, II, AND III COMPACTED*
BEDDING	DEPTH = 4-6" CLASS I, II, AND III COMPACTED*

NOTE: HAUNCHING ZONE MUST BE COMPACTED PRIOR TO PLACEMENT AND COMPACTION OF INITIAL AND FINAL BACKFILLS TO PREVENT PIPE DEFLECTION.

HDPE PIPE	
ZONE	DEPTH / SOIL MATERIAL
FINAL BACKFILL	MINIMUM COVER UNPAVED AREAS = 12" MINIMUM COVER PAVED AREAS (D <= 48") = 12*** ** MINIMUM COVER PAVED AREAS (D > 48") = 24*** ** CLASS I AND II (COMPACTED 90% SPD) AND CLASS III (COMPACTED 95% SPD)*
INITIAL BACKFILL	MINIMUM DEPTH = D/2 (CAN EXTEND TO THE CROWN OF THE PIPE)** CLASS I, II, AND III (TYPE IV CAN BE USED WITH THE APPROVAL OF GEOTECHNICAL ENGINEER)*
HAUNCHING	DEPTH = D/2** CLASS I, II, AND III (TYPE IV CAN BE USED WITH THE APPROVAL OF GEOTECHNICAL ENGINEER)*
BEDDING	DEPTH (D <= 24") = 4*** DEPTH (D > 24") = 6*** CLASS I, II, AND III (TYPE IV CAN BE USED WITH THE APPROVAL OF GEOTECHNICAL ENGINEER)*

NOTE: THE MIDDLE 3" BENEATH THE PIPE INVERT IN THE BEDDING ZONE SHALL BE LOOSELY PLACED

RC PIPE	
ZONE	DEPTH / SOIL MATERIAL
FINAL BACKFILL	CATEGORY I, II, III*
INITIAL BACKFILL	DEPTH = D/2** CATEGORY I (85-95% COMPACTION), CATEGORY II (90-95% COMPACTION), OR CATEGORY III (85-95% COMPACTION)*
HAUNCHING	DEPTH = D/2** CATEGORY I (85-95% COMPACTION), CATEGORY II (90-95% COMPACTION), OR CATEGORY III (85-95% COMPACTION)*
BEDDING	MINIMUM DEPTH = D/24 (NOT LESS THAN 3")** IF ROCK FOUNDATION, MINIMUM DEPTH = D/12 (NOT LESS THAN 6")** CATEGORY I (85-95% COMPACTION), CATEGORY II (90-95% COMPACTION), OR CATEGORY III (85-95% COMPACTION)*

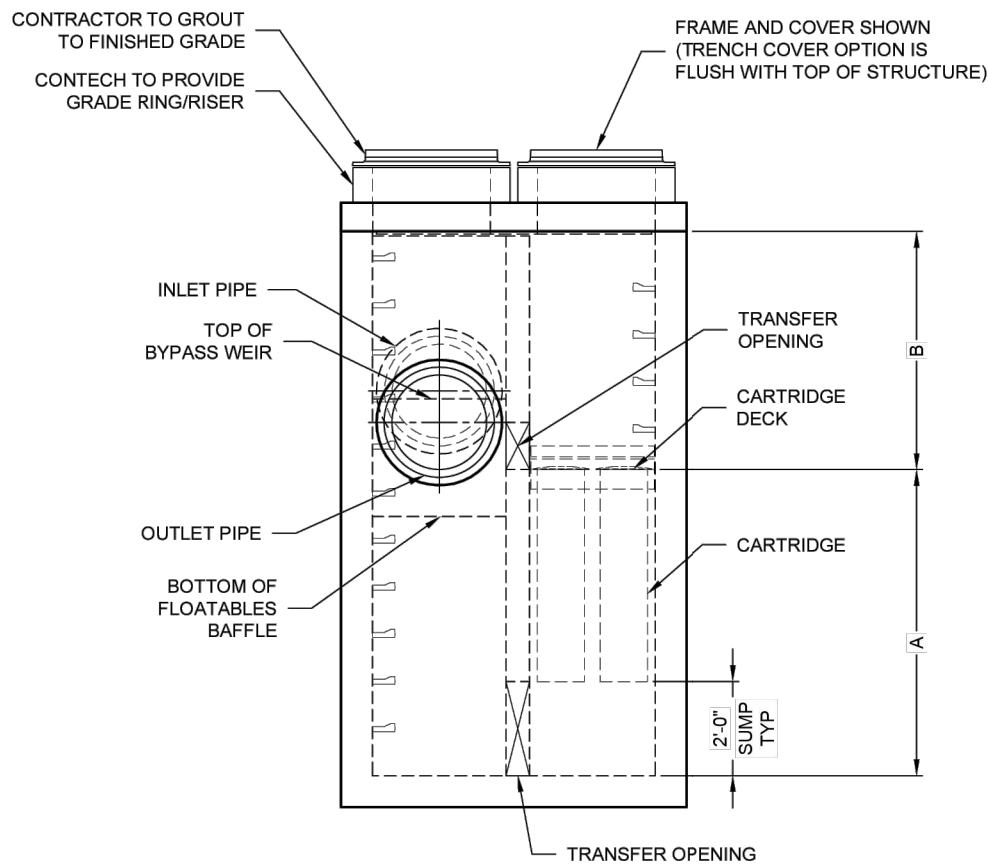
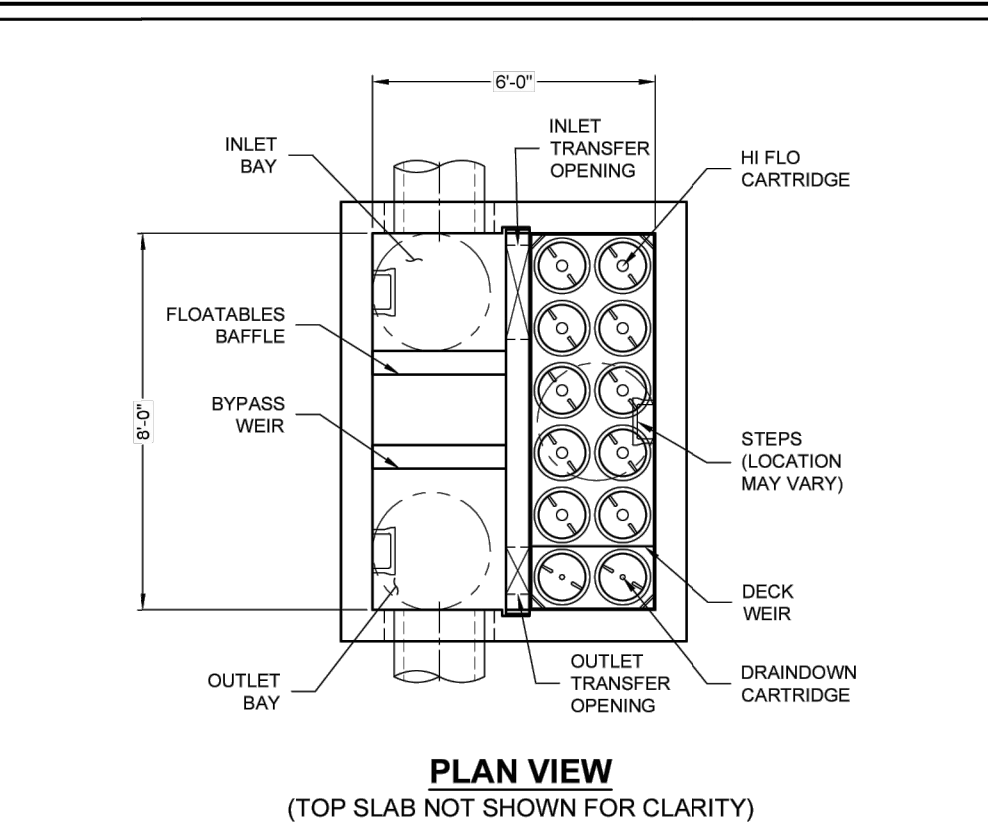
NOTE: FOR ELLIPTICAL AND ARCH PIPE, D SHALL REPRESENT HORIZONTAL SPAN OF PIPE.

DI PIPE	
ZONE	DEPTH / SOIL MATERIAL
FINAL BACKFILL	CLASS I-V*
INITIAL BACKFILL	DEPTH = D/2** CLASS I, II, AND III (APPROX. 90% STANDARD PROCTOR PER AASHTO T-99)*
HAUNCHING	DEPTH = D/2** CLASS I, II, AND III*
BEDDING	MINIMUM DEPTH = 4" CLASS I, II, AND III*

*SEE TABLE 1 FOR SPECIFICATIONS ON SOIL MATERIALS

** D = PIPE DIAMETER

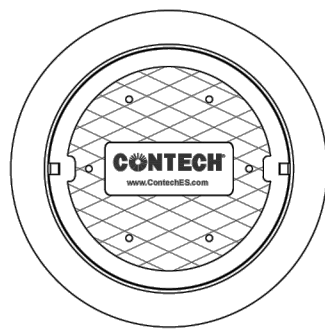
*** MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.



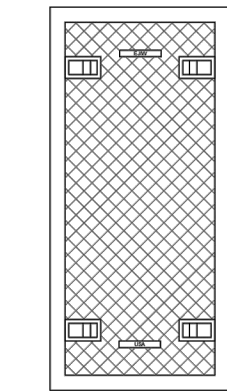
ELEVATION VIEW

Jellyfish® Filter
THIS PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENT NO. 8,287,726; 8,271,818; US 8,123,935; OTHER INTERNATIONAL PATENTS PENDING.

JELLYFISH DESIGN NOTES				
JELLYFISH TREATMENT CAPACITY IS A FUNCTION OF THE CARTRIDGE LENGTH AND THE NUMBER OF CARTRIDGES. THE STANDARD PEAK DIVERSION STYLE WITH PRECAST TOP SLAB IS SHOWN. ALTERNATE OFFLINE VAULT AND/OR SHALLOW ORIENTATIONS ARE AVAILABLE. PEAK CONVEYANCE CAPACITY TO BE DETERMINED BY ENGINEER OF RECORD				
CARTRIDGE SELECTION				
CARTRIDGE LENGTH	54"	40"	27"	15"
OUTLET INVERT TO STRUCTURE INVERT (A)	6'-6"	5'-4"	4'-3"	3'-3"
FLOW RATE HI-FLO / DRAINDOWN (GFS)/PER CART	0.178 / 0.089	0.133 / 0.067	0.089 / 0.045	0.049 / 0.025
MAX. TREATMENT (GFS)	1.96	1.47	0.96	0.54
DECK TO INSIDE TOP (MIN) (B)	5.00	4.00	4.00	4.00



FRAME AND COVER
(DIAMETER VARIES)
N.T.S.



24" TRENCH COVER
(LENGTH VARIES)
N.T.S.

GENERAL NOTES:

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS REPRESENTATIVE: www.ContechES.com
- JELLYFISH WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
- STRUCTURE SHALL MEET AASHTO HS-20 OR PER APPROVING JURISDICTION REQUIREMENTS, WHICHEVER IS MORE STRINGENT. ASSUMING EARTH COVER OF 0' - 10' AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M280 LOAD RATING AND BE CAST WITH THE CONTECH LOGO.
- STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-857, ASTM C-918, AND AASHTO LOAD FACTOR DESIGN METHOD.
- OUTLET PIPE INVERT IS EQUAL TO THE CARTRIDGE DECK ELEVATION.
- THE OUTLET PIPE DIAMETER FOR NEW INSTALLATIONS IS RECOMMENDED TO BE ONE PIPE SIZE LARGER THAN THE INLET PIPE AT EQUAL OR GREATER SLOPE.
- NO PRODUCT SUBSTITUTIONS SHALL BE ACCEPTED UNLESS SUBMITTED 10 DAYS PRIOR TO PROJECT BID DATE, OR AS DIRECTED BY THE ENGINEER OF RECORD.

INSTALLATION NOTES

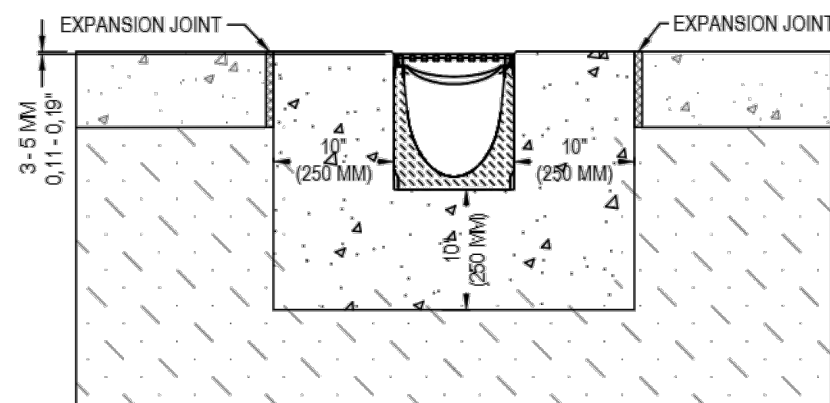
- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STRUCTURE.
- CONTRACTOR WILL INSTALL AND LEVEL THE STRUCTURE, SEALING THE JOINTS, LINE ENTRY AND EXIT POINTS (NON-SHRINK GROUT WITH APPROVED WATERTOP OR FLEXIBLE BOOT).
- CARTRIDGE INSTALLATION, BY CONTECH, SHALL OCCUR ONLY AFTER SITE HAS BEEN STABILIZED AND THE JELLYFISH UNIT IS CLEAN AND FREE OF DEBRIS. CONTACT CONTECH TO COORDINATE CARTRIDGE INSTALLATION WITH SITE STABILIZATION.

CONTECH
ENGINEERED SOLUTIONS LLC
www.ContechES.com
2025 Centre Pointe Dr., Suite 400, West Chester, OH 45380
800-338-1122 513-645-7000 513-645-7993 FAX

JELLYFISH JFPD0806
STANDARD DETAIL
PEAK DIVERSION CONFIGURATION

200 Series Installation Detail

ASTM LOAD Class E Concrete Encasement



SPECIFICATIONS

FLOOTEN PRO V 200 - LOAD CLASS E

GENERAL

THE SURFACE DRAINAGE SYSTEM SHALL BE FLOOTEN FIBER COMPOSITE WW100 CHANNEL SYSTEM WITH CONCRETED EDGE MADE OF GALVANIZED STEEL RAILS AS MANUFACTURED BY FSI GROUP/CONTECH, INC AND DISTRIBUTED BY HYDRO-RE USA INC, A WHOLLY OWNED SUBSIDIARY.

MATERIALS

CHANNELS SHALL BE MANUFACTURED FROM FLOOTEN FIBER COMPOSITE WITH CONCRETED EDGE GALVANIZED STEEL RAIL. MINIMUM PROPERTIES OF FLOOTEN FIBER COMPOSITE WILL BE AS FOLLOW:

COMPRESSIVE STRENGTH:	11,700 PSI
FLEXURAL STRENGTH:	1,700 PSI
FREE OF RELEASE AGENTS:	YES
WATER ABSORPTION SUFFICIENT FOR ADHESION WITH CONCRETE SURFACES:	YES
NON FLAMMABLE:	YES
UV RESISTANT:	YES
RECYCLABLE 100%:	YES
DILUTE ACID AND ALKALI RESISTANT:	YES
FROST THAW BALT TESTED AS PER EN1433 WITH A TEST TEMPERATURE UP TO -40°C (-40°F):	YES
MATERIAL FREE OF VOC, BIOIDES, HEAVY METALS:	YES

THE SYSTEM SHALL BE 1" (20MM) NOMINAL INTERNAL WIDTH WITH 10.43" UP TO 14.37" (265MM UP TO 360MM), OVERALL WIDTH AND A BUILD-IN SLOPE OF 0.5% AND STEPPED SLOPE SYSTEM. ALL CHANNELS ARE EQUIPPED WITH INTERLOCKING CONNECTION MALE/FEMALE AND SEALANT JOINT.

CHANNEL SHALL WITHSTAND LOADING TO PROPER LOAD CLASS AS OUTLINED BY EN 1433. GRATE TYPE SHALL BE APPROPRIATE TO MEET THE SYSTEM LOAD CLASS SPECIFIED AND INTENDED APPLICATION. GRATES SHALL BE SECURED USING 4 POINT BOLTING LOCKING SYSTEM. CHANNEL AND GRATE SHALL BE CERTIFIED TO MEET THE SPECIFIED EN 1433 LOAD CLASS. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

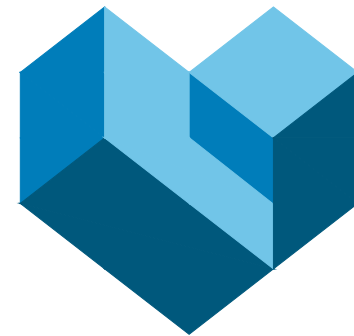
NOTES:

- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- DO NOT SCALE DRAWING.
- THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY.
- ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.



200 Series

FLOOTEN PRO V 200 GALVANIZED STEEL RAIL CLASS E CONCRETE PAVEMENT



CESO
WWW.CESONINC.COM

3601 Rigby Rd., Suite 300
Miamisburg, OH 45342
Phone: 937.435.8584 Fax: 937.208.4826

HANG10 CAR WASH

PORTSMOUTH, NH

2299 LAFAYETTE RD
PORTSMOUTH, NH 03801

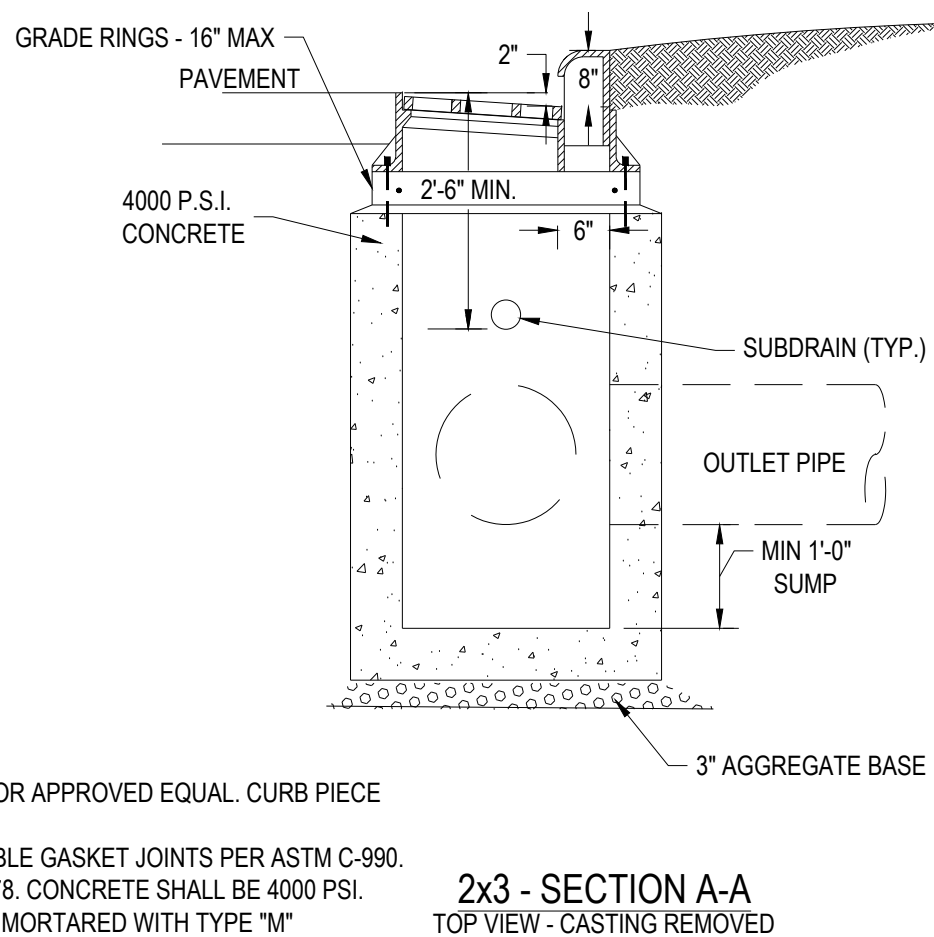
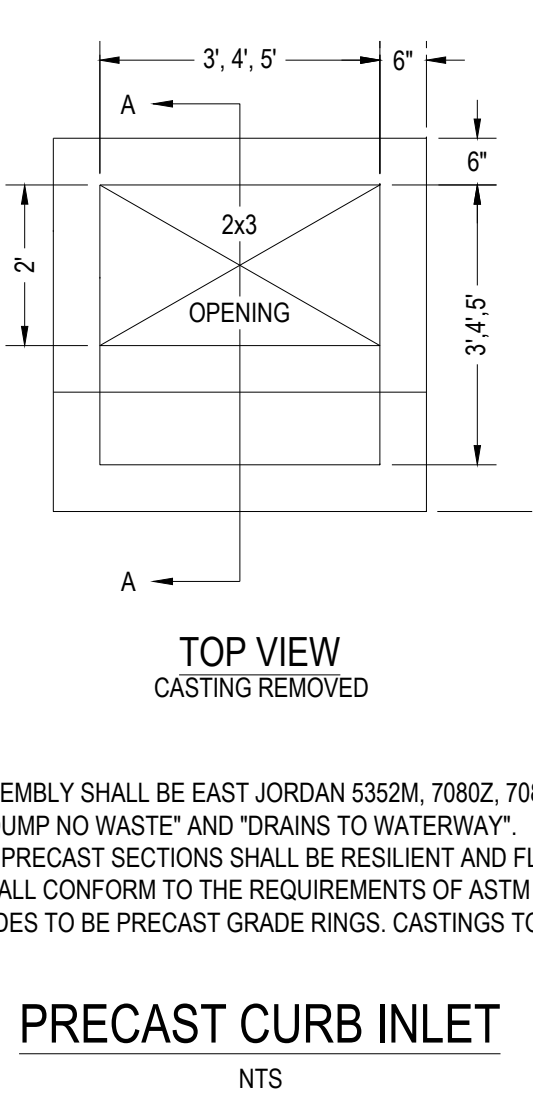
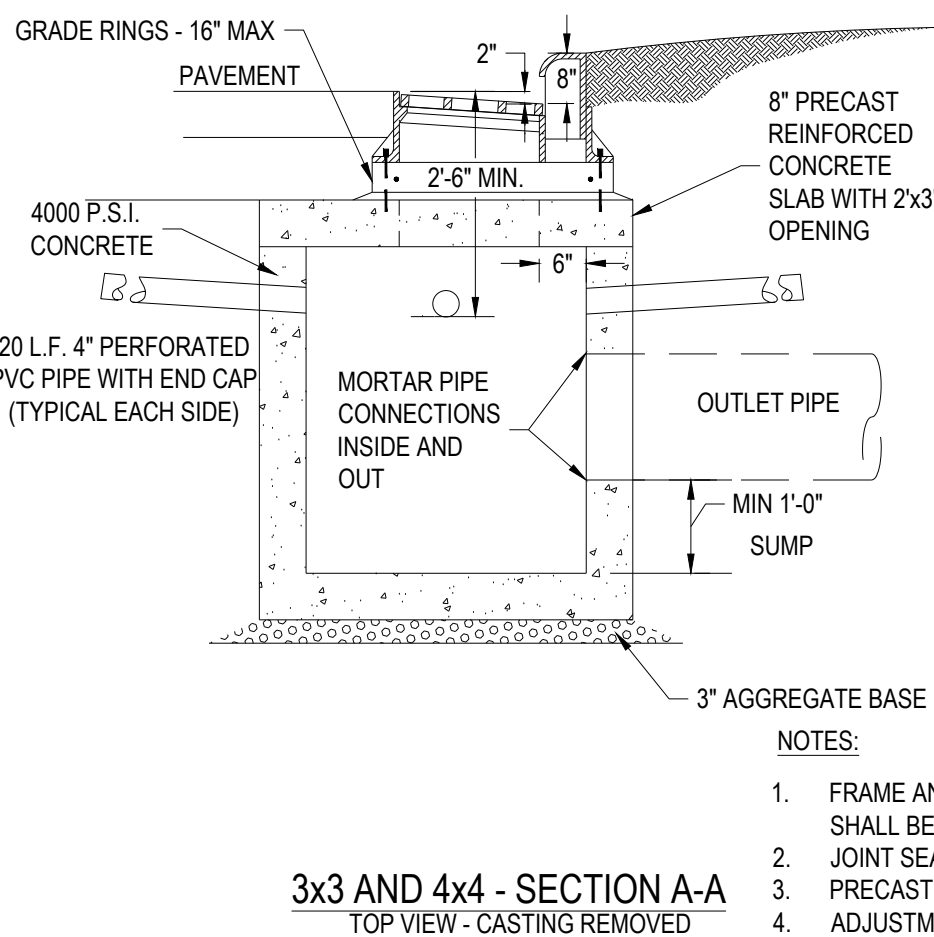
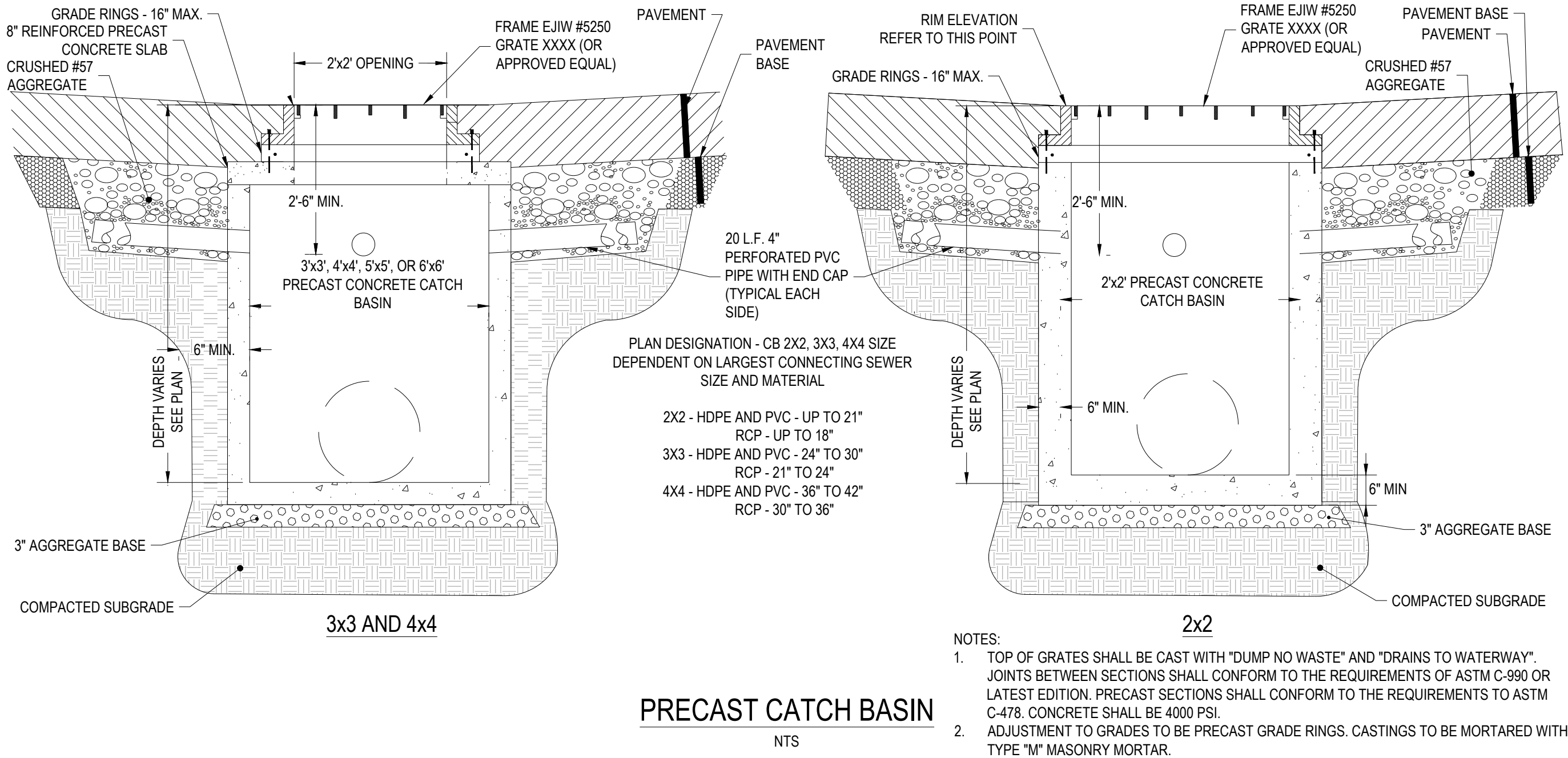
Revisions / Submissions		
ID	Description	Date

Project Number: 766656
Scale: NOT TO SCALE
Drawn By: VMO
Checked By: CG
Date: 10/03/2025
Issue: NOT FOR CONSTRUCTION

Drawing Title:
UTILITY DETAILS

C7.2

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CESO
WWW.CESOINC.COM

3601 Rigny Rd., Suite 300
Merrimack, NH 03042
Phone: 937.435.8584 Fax: 888.208.4826

HANG10 CAR WASH

PORTSMOUTH, NH

2299 LAFAYETTE RD
PORTSMOUTH, NH 03801

Revisions / Submissions		
ID	Description	Date

Project Number: 766656

Scale: NOT TO SCALE

Drawn By: VMO

Checked By: CG

Date: 10/03/2025

Issue: NOT FOR CONSTRUCTION

Drawing Title:
UTILITY DETAILS

C7.3

SITE INFORMATION

NF: RYE PORT PROPERTIES LLC
2299 LAFAYETTE RD, PORTSMOUTH, NH 03870
APN: 0272-0004-0000
79,998 ± SQUARE FEET, OR 1.837 ± ACRES

TITLE COMMITMENT INFORMATION

AWAITING TITLE COMMITMENT

SCHEDULE A DESCRIPTION

AWAITING TITLE COMMITMENT

NOTES CORRESPONDING TO SCHEDULE B

AWAITING TITLE COMMITMENT

REFERENCE DOCUMENTS

- WARRANTY DEED, RECORDED AS BOOK 5083, PAGE 763 ON JANUARY 15, 2010, ROCKINGHAM COUNTY REGISTRY OF DEEDS.
- SUBDIVISION PLAT, RECORDED AS PLAN D-33166 ON OCTOBER 24, 2005, PORTSMOUTH TOWN CLERK RECORDS.
- TITLE INSURANCE PLAN, RECORDED AS PLAN D-20705 ON NOVEMBER 7, 1990, PORTSMOUTH TOWN CLERK RECORDS.
- ASBUILT SITE PLAN, RECORDED AS PLAN D-15321 ON AUGUST 8, 1986, PORTSMOUTH TOWN CLERK RECORDS.

PARKING INFORMATION

REGULAR= 40
HANDICAP= 2
TOTAL= 42

FLOOD ZONE INFORMATION

BY GRAPHIC PLOTTING ONLY. THIS PROPERTY IS IN ZONE "X" OF THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 330150C02705, WHICH BEARS AN EFFECTIVE DATE OF 01/28/2021 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA.

ZONE "X" - AREA OF MINIMAL FLOOD HAZARD, USUALLY DEPICTED ON FIRMS AS ABOVE THE 500-YEAR FLOOD LEVEL. ZONE "X" IS THE AREA DETERMINED TO BE OUTSIDE THE 500-YEAR FLOOD AND PROTECTED BY LEVEE FROM 100-YEAR FLOOD.

BASIS OF BEARING

THE BASIS OF BEARING OF THIS SURVEY IS GRID NORTH BASED ON THE NORTHEAST LINE OF THE SUBJECT PROPERTY. THE BEARING IS DENOTED AS 333°10'12" PER GPS COORDINATE OBSERVATIONS NEW HAMPSHIRE STATE PLANE NAD83.
LATITUDE = 43°02'03.4920"
LONGITUDE = -70°48'49.2583"
CONVERGENCE ANGLE = 00°36'17.57"

SIGNIFICANT OBSERVATIONS

AWAITING TITLE COMMITMENT

UTILITY INFORMATION

THE UTILITIES SHOWN ON THIS DRAWING HEREON HAVE BEEN LOCATED BY FIELD MEASUREMENTS. UTILITY MAP DRAWINGS, NEW HAMPSHIRE 811 DIGI UTILITY LOCATE REQUEST, AND PRIVATE UTILITY LOCATE CONTRACTED BY BLEW AND ASSOCIATES. BLEW AND ASSOCIATES MAKES NO WARRANTY TO THE EXACT LOCATION OF ANY UNDERGROUND UTILITIES SHOWN OR NOT SHOWN ON THIS DRAWING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ANY AND ALL UTILITIES PRIOR TO CONSTRUCTION. TICKET NUMBER: 20253216635

COMPANY: COMCAST - NH
CONSOLIDATED COMMUNICATIONS
EVERSOURCE - ELECTRIC
PORTSMOUTH DRW
UNITIL - NORTHERN UTILITIES - NH - GAS

CONTACT: (317) 810-8269
(207) 852-8315 x1
(207) 852-8315 x1
(603) 427-1530
(603) 294-5177

PRIVATE UTILITY LOCATE NOTES:
1. UNKNOWN WATERLINE PIPE TYPE/SIZE. NO GIS MAP PROVIDED TO SURVEYOR.

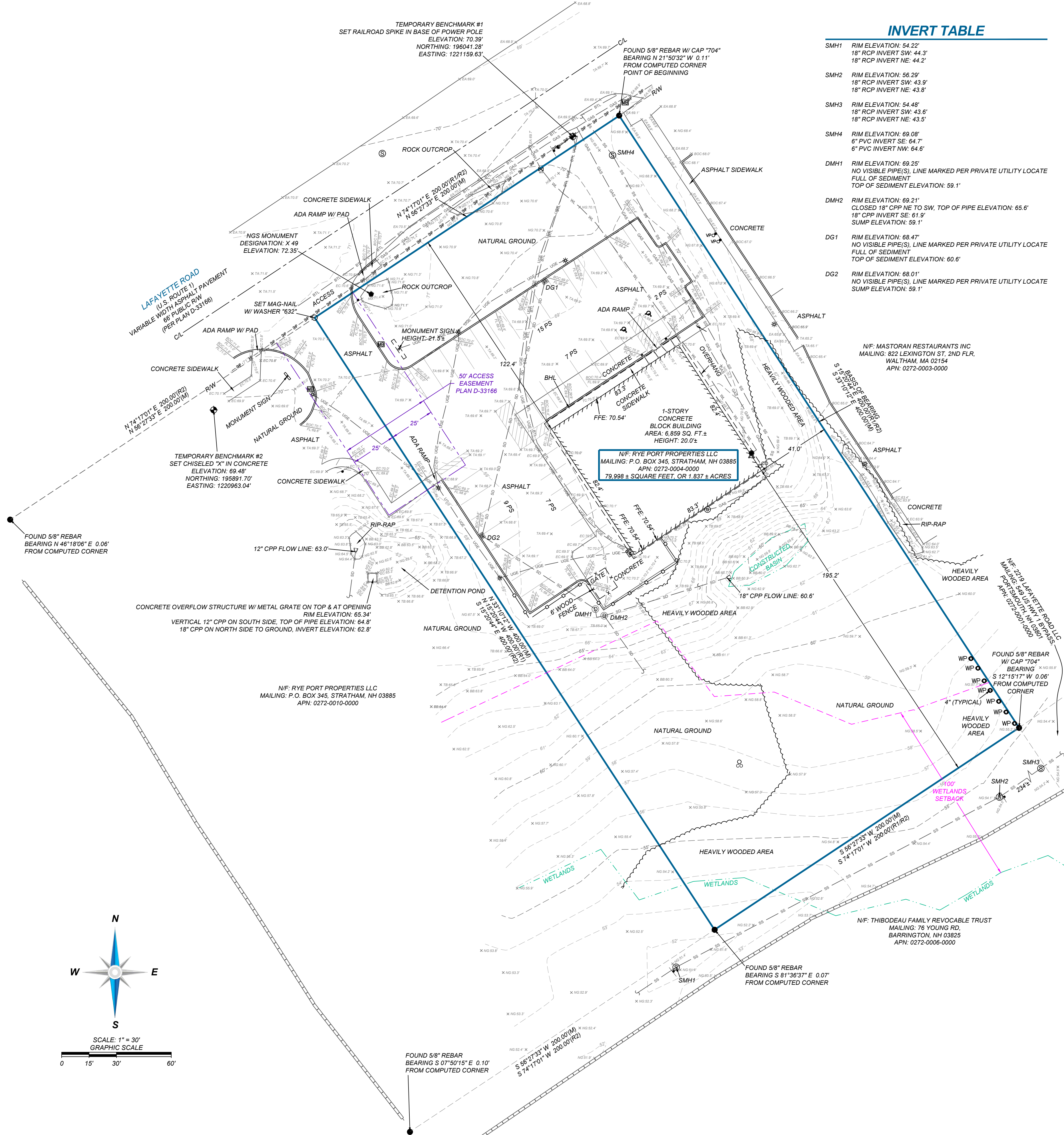
ZONING INFORMATION

PROPERTY IS CURRENTLY ZONED: AWAITING ZONING REPORT

OBSERVED USE: COMMERCIAL:	USE PERMITTED BY ZONE:	YES, or	NO
ITEM	REQUIRED	OBSERVED	
MIN. SETBACKS FRONT		122.4'	
MIN. SETBACKS SIDE		41.0'	
MIN. SETBACKS REAR		195.2'	
MAX. BUILDING HEIGHT		20.0'	
MIN. LOT AREA		79,998 SQ. FT.	
MIN. LOT WIDTH		200.00'	
MAX. BLDG COVERAGE		8.6%±	
PARKING REGULAR		40	
PARKING HANDICAP		2	
PARKING TOTAL		42	

ALTA/NSPS LAND TITLE SURVEY

2299 LAFAYETTE ROAD,
PORTSMOUTH, ROCKINGHAM COUNTY, NEW HAMPSHIRE



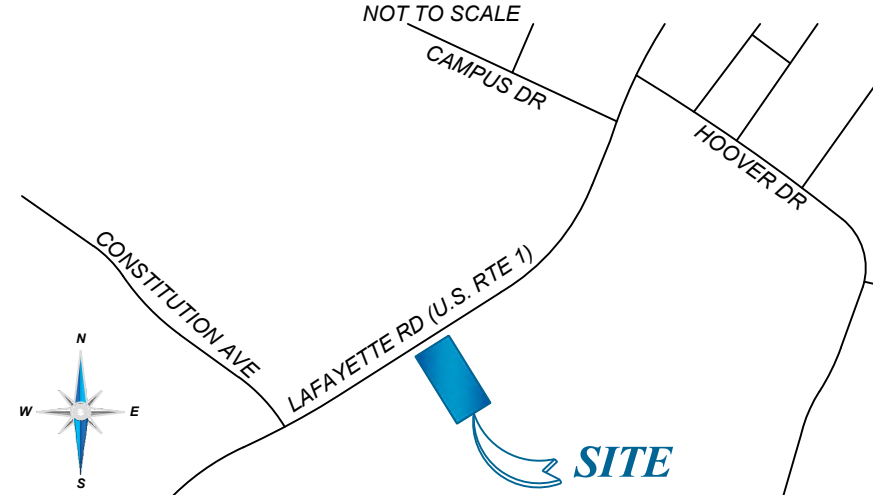
INVERT TABLE

SMH1	RIM ELEVATION: 54.22' 18" RCP INVERT SW: 44.3' 18" RCP INVERT NE: 44.2'
SMH2	RIM ELEVATION: 56.29' 18" RCP INVERT SW: 43.9' 18" RCP INVERT NE: 43.8'
SMH3	RIM ELEVATION: 54.48' 18" RCP INVERT SW: 43.6' 18" RCP INVERT NE: 43.5'
SMH4	RIM ELEVATION: 69.08' 6" PVC INVERT SE: 64.7' 6" PVC INVERT NW: 64.6'
DMH1	RIM ELEVATION: 69.25' NO VISIBLE PIPE(S), LINE MARKED PER PRIVATE UTILITY LOCATE FULL OF SEDIMENT TOP OF SEDIMENT ELEVATION: 59.1'
DMH2	RIM ELEVATION: 69.21' CLOSED 18" CPP HIE TO SW, TOP OF PIPE ELEVATION: 65.6' 18" CPP INVERT SE: 61.9' SUMP ELEVATION: 59.1'
DG1	RIM ELEVATION: 68.47' NO VISIBLE PIPE(S), LINE MARKED PER PRIVATE UTILITY LOCATE FULL OF SEDIMENT TOP OF SEDIMENT ELEVATION: 60.6'
DG2	RIM ELEVATION: 68.01' NO VISIBLE PIPE(S), LINE MARKED PER PRIVATE UTILITY LOCATE SUMP ELEVATION: 59.1'

LEGEND & SYMBOLS

●	FOUND MONUMENT AS NOTED
○	SET MONUMENT AS NOTED
●	FOUND NGS MONUMENT
●	SET TEMPORARY BENCHMARK
♿	HANDICAP PARKING
⚡	POWER POLE
⚡	LIGHT POLE
⚡	GUY ANCHOR
⚡	ELECTRIC METER
⚡	WATER SPIGOT
⚡	WATER VALVE
⚡	GAS METER
⚡	FUEL STATION TANK VENT PIPE
⚡	SANITARY MANHOLE (SMH)
⚡	CLEANOUT
⚡	STORM MANHOLE
⚡	DRAIN GRATE (DGR)
⚡	STORM CULVERT PIPE
⚡	SIGN
⚡	BOLLARD
⚡	MAILBOX
⚡	WOOD POST
⚡	BUILDING HEIGHT LOCATION
⚡	FINISHED FLOOR ELEVATION
⚡	PARKING SPACE(S)
⚡	PS
⚡	MEASURED CALCULATED DIMENSION
⚡	RECORD DIMENSION PER BK. 5083, PG. 764
⚡	RECORD DIMENSION PER PLAN D-33166
⚡	CPP
⚡	POLYVINYL CHLORIDE PIPE
⚡	RCP
⚡	REINFORCED CONCRETE PIPE
⚡	BB
⚡	BOTTOM OF BANK
⚡	BOC
⚡	BACK OF CURB
⚡	EA
⚡	EDGE OF ASPHALT
⚡	EC
⚡	EDGE OF CONCRETE
⚡	FL
⚡	FLOW LINE
⚡	NG
⚡	NATURAL GROUND
⚡	TA
⚡	TOP OF ASPHALT
⚡	TB
⚡	TOP OF BANK
⚡	TC
⚡	TOP OF CONCRETE
⚡	BOUNDARY LINE
⚡	EASEMENT LINE
⚡	SETBACK LINE
⚡	(R1)
⚡	RIGHT-OF-WAY LINE
⚡	C/L
⚡	CENTERLINE OF RIGHT-OF-WAY
⚡	FENCE LINE
⚡	METAL GUARDRAIL
⚡	ROCK WALL
⚡	TREE CANOPY
⚡	LIMITS OF WETLANDS
⚡	OVERHEAD POWER LINE
⚡	UNDERGROUND ELECTRIC LINE
⚡	STL
⚡	UNDERGROUND TELEPHONE LINE
⚡	WL
⚡	UNDERGROUND WATER LINE
⚡	GS
⚡	UNDERGROUND GAS LINE
⚡	SS
⚡	SANITARY SEWER LINE
⚡	SD
⚡	STORM SEWER LINE
⚡	NOT TO SCALE

VICINITY MAP



GENERAL NOTES

- SOME FEATURES SHOWN ON THIS PLAT MAY BE SHOWN OUT OF SCALE FOR CLARITY.
- DIMENSIONS ON THIS PLAT ARE EXPRESSED IN FEET AND DECIMAL PARTS THEREOF UNLESS OTHERWISE NOTED. MONUMENTS WERE FOUND AT POINTS WHERE INDICATED.
- IN REGARD TO ALTA/NSPS TABLE A ITEM 16, THERE WAS NO OBSERVABLE EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR ADDITIONS EXCEPT AS SHOWN HEREON.
- IN REGARD TO ALTA/NSPS TABLE A ITEM 17, THERE WERE NO KNOWN PROPOSED CHANGES IN RIGHT OF WAY LINES, RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS EXCEPT AS SHOWN HEREON.
- AT THE TIME OF THE ALTA/NSPS SURVEY, THERE WAS NO OBSERVABLE EVIDENCE OF SITE USE AS A SOLID WASTE DUMP, SUMP, OR SANITARY LANDFILL.
- AT THE TIME OF THE ALTA/NSPS SURVEY, THERE WAS NO OBSERVABLE EVIDENCE OF SITE USE AS A CEMETERY, ISOLATED GRAVE SITE OR BURIAL GROUNDS.
- COMPLETED FIELD WORK WAS AUGUST 15, 2025.
- THE DISTANCES SHOWN HEREON ARE UNITS OF GROUND MEASUREMENT.
- THE NEAREST INTERSECTING STREET IS THE INTERSECTION OF LAFAYETTE ROAD AND CONSTITUTION AVENUE, WHICH IS APPROXIMATELY 755' FROM THE NORTHWEST CORNER OF THE SUBJECT PROPERTY.
- THE SUBJECT PROPERTY HAS DIRECT & INDIRECT ACCESS TO LAFAYETTE ROAD, BEING A PUBLICLY DEDICATED RIGHT-OF-WAY AS SHOWN PER PLAN D-33166.
- EXCEPT AS SPECIFICALLY STATED OR SHOWN ON THIS PLAT, THIS SURVEY DOES NOT PURPORT TO REFLECT ANY OF THE FOLLOWING WHICH MAY BE APPLICABLE TO THE SUBJECT PROPERTY: EASEMENTS, OTHER THAN POSSIBLE EASEMENTS WHICH WERE VISIBLE AT THE TIME OF SURVEY; RESTRICTIVE COVENANTS; SUBDIVISION RESTRICTIONS OR OTHER LAND USE REGULATIONS, AND ANY OTHER FACTS WHICH AN ACCURATE TITLE SEARCH MAY DISCLOSE.
- NO SURVEYOR OR ANY OTHER PERSON OTHER THAN A LICENSED NEW HAMPSHIRE ATTORNEY MAY PROVIDE LEGAL ADVICE CONCERNING THE STATUS OF TITLE TO THE PROPERTY DESCRIBED IN THIS SURVEY ("THE SUBJECT PROPERTY"), THE PURPOSE OF THIS SURVEY, AND THE COMMENTS RELATED TO THE SCHEDULE B-11 EXCEPTIONS. IT IS ONLY TO SHOW THE LOCATION OF BOUNDARIES AND PHYSICAL OBSTRUCTIONS IN RELATION THERETO. TO THE EXTENT THAT THE SURVEY INDICATES THAT THE LEGAL INSTRUMENT "AFFECTS" THE SUBJECT PROPERTY, SUCH STATEMENT IS ONLY INTENDED TO INDICATE THAT PROPERTY BOUNDARIES INCLUDED IN SUCH INSTRUMENT INCLUDE SOME OR ALL OF THE SUBJECT PROPERTY. THE SURVEYOR DOES NOT PURPORT TO DESCRIBE HOW SUCH INSTRUMENT AFFECTS THE SUBJECT PROPERTY OR THE ENFORCEABILITY OR LEGAL CONSEQUENCES OF SUCH INSTRUMENT.
- NAMES AND ADDRESSES OF ADJOINING PROPERTY OWNERS WERE TAKEN FROM THE CITY OF PORTSMOUTH GIS.
- THE SUBJECT PROPERTY SHOWN HEREON FORMS A MATHEMATICALLY CLOSED FIGURE AND IS CONTIGUOUS WITH THE ADJOINING PUBLIC RIGHT-OF-WAY AND/OR ADJOINING PARCELS WITH NO GAPS OR OVERLAPS.
- IN REGARD TO ALTA/NSPS TABLE A ITEM 10, NO VISIBLE DIVISION OR PARTY WALLS WITH RESPECT TO ADJOINING PROPERTIES WERE OBSERVED AT THE TIME THE FIELD SURVEY WAS PERFORMED, NOR WERE ANY DESIGNATED BY THE CLIENT.
- ELEVATIONS ESTABLISHED WITH GPS OBSERVATIONS UTILIZING THE NATIONAL GEODETIC SURVEY (NGS) NETWORK WITH ORIGINATING BENCHMARK DESIGNATION: X 49, VERTICAL DATUM BASED UPON NORTH AMERICAN VERTICAL DATUM (NAV88) IN US SURVEY FEET. CONTOURS SHOWN ARE ONE FOOT INTERVALS.
PID: OC0281
PUBLISHED ELEVATION: 72.35'
MONUMENT DESCRIPTION: BENCHMARK DISK STAMPED "X 49 1966" SET IN A ROCK OUTCROP
- WETLAND LOCATIONS SHOWN HEREON WERE PROVIDED BY BL COMPANIES, A QUALIFIED SPECIALIST.

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS AND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 5, 6A, 6B, 7B1, 7C, 8, 9, 10, 11B, 13, 14, 16, 17, AND 19 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON 08/15/2025.

DATE OF PLAT OR MAP: 08/22/2025

HOLLAND E. SHAW
PROFESSIONAL LAND SURVEYOR NO. 632
STATE OF NEW HAMPSHIRE
NEW HAMPSHIRE C.O.A. 00545

BLEW

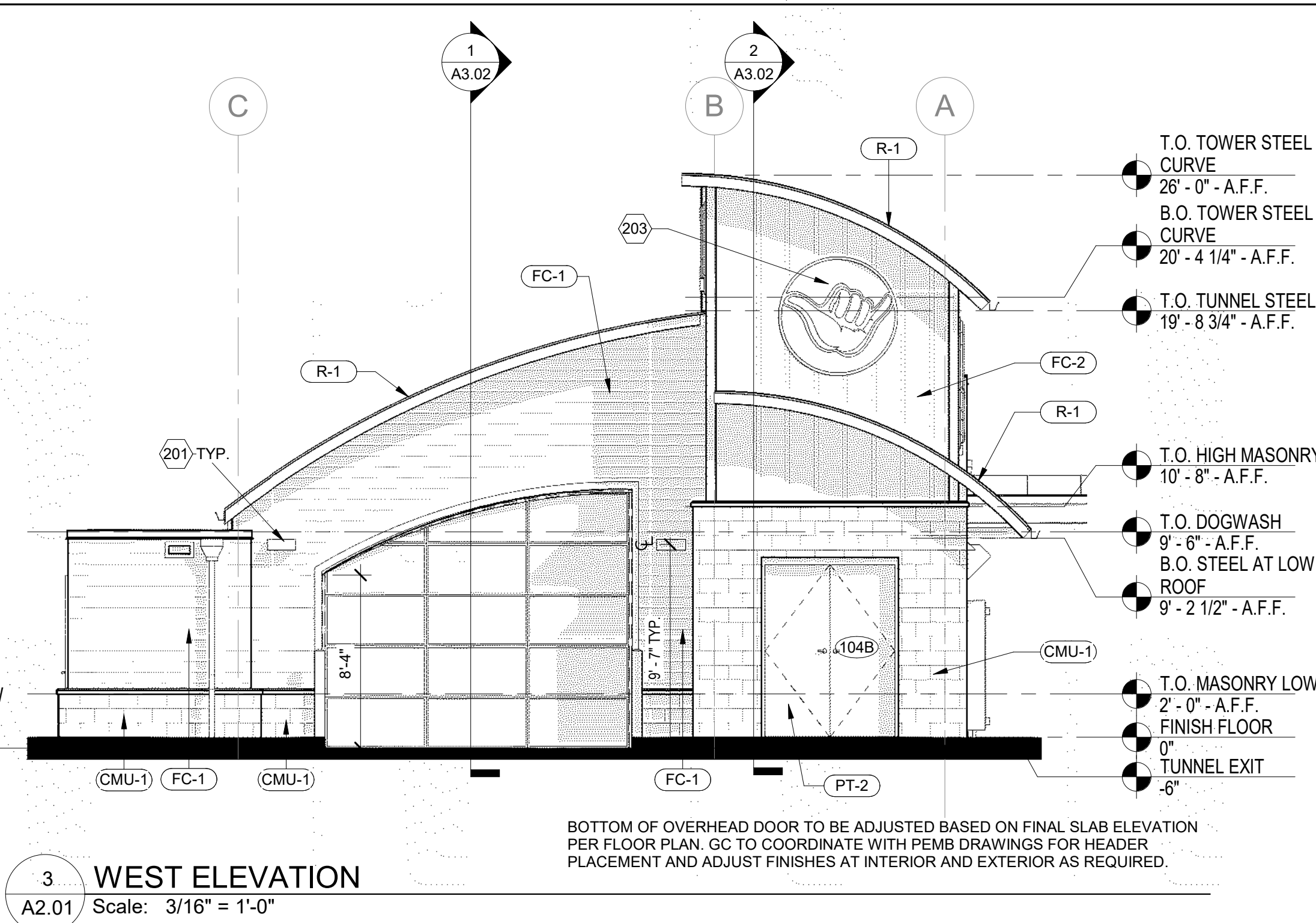
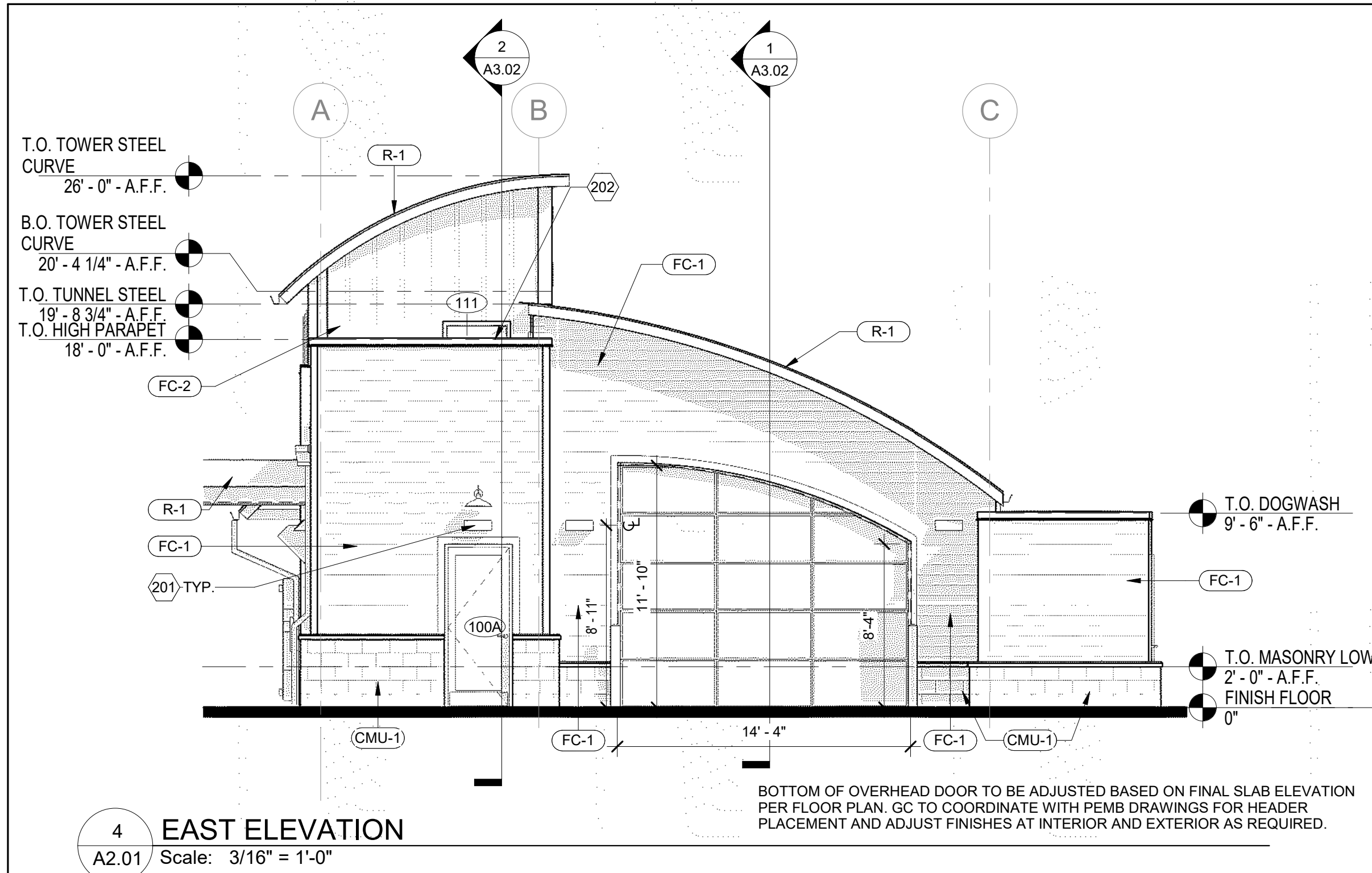
Surveying | Engineering | Environmental

3825 N. SHILOH DRIVE - FAYETTEVILLE, AR 72703
EMAIL: SURVEY@BLEWINC.COM
OFFICE: 479.443.4506 FAX: 479.582.1883
WWW.BLEWINC.COM

SURVEYOR JOB NUMBER: 25-6116
SURVEY DRAWN BY: AJK - 08/22/2025
SHEET: 1 OF 1
SURVEY REVIEWED BY: KLR

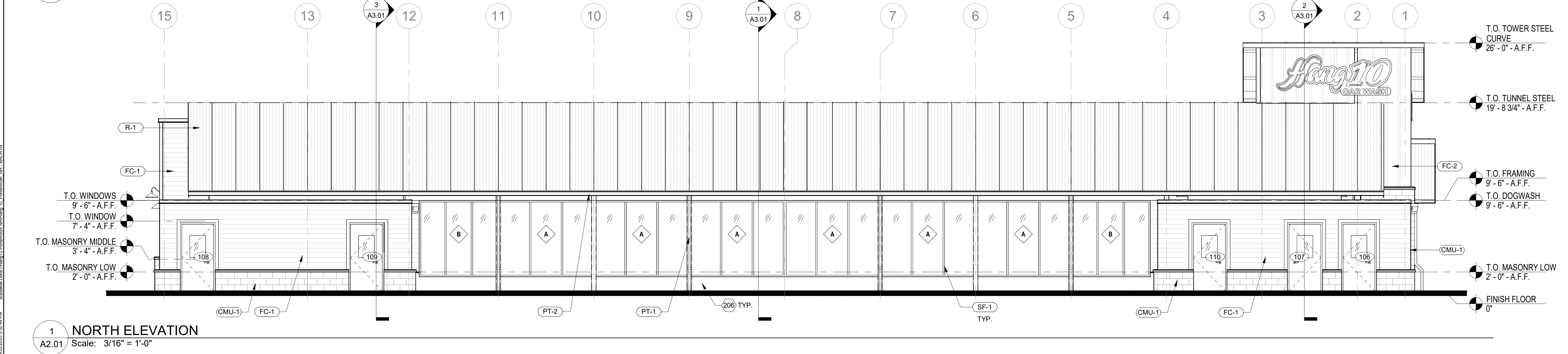
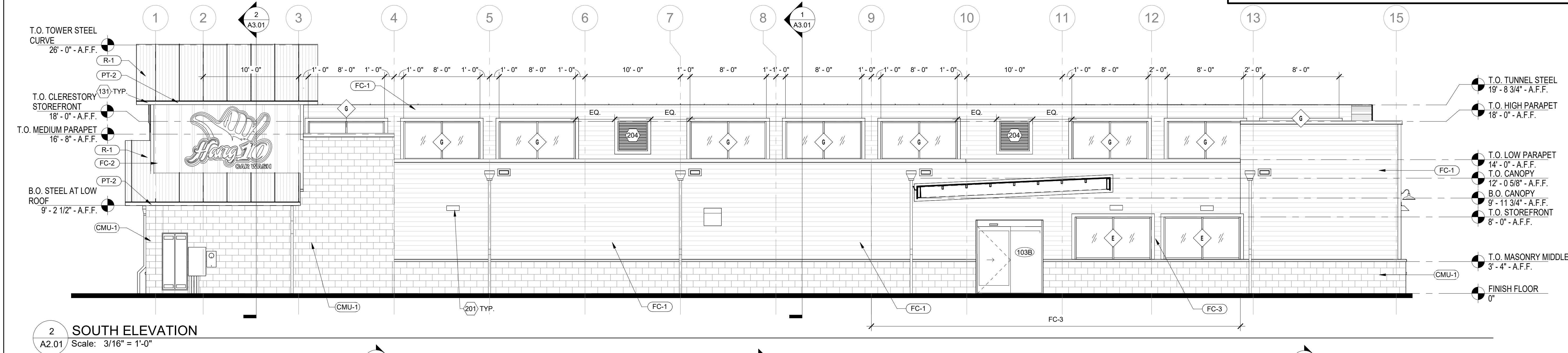
DATE	REVISION HISTORY	BY
09/10/25	WETLANDS DELINEATION	AJK
09/24/25	CLIENT COMMENTS	KLR

0/22/2025 5:52:49 PM Autodesk Docs\\lham10\\Portsmouth NH\\hang 10 Portsmouth NH - A2.01.dwg



EXTERIOR FINISH SCHEDULE				
MARK	MANUFACTURER	DESCRIPTION	MODEL / COLOR	NOTES
	<varies>	<varies>	<varies>	<varies>
CMU-1	BEST BLOCK	CONCRETE MASONRY UNIT	CHARCOAL #838 SPLIT FACE	BASIS OF DESIGN; BEST BLOCK INTEGRAL COLOR, OR APPROVED EQUAL
CMU-2	BEST BLOCK	CONCRETE MASONRY UNIT	TO MATCH CMU-1, GROUND FACE	BASIS OF DESIGN; BEST BLOCK INTEGRAL COLOR, OR APPROVED EQUAL
FC-1	JAMES HARDIE	FIBER CEMENT PLANK	HARDIE PLANK HZ-5, CEDARMILL, COLOR: ARTIC WHITE	ALL EXPOSED FASTENERS TO BE PAINTED SW 7067 "CITYSCAPE"
FC-2	JAMES HARDIE	FIBER CEMENT PANEL WITH BATTENS	HARDIE PANEL HZ-5 SMOOTH, COLOR: GRAY SLATE	ALL EXPOSED FASTENERS TO BE PAINTED SW 7063 "NEBULOUS WHITE"
FC-3	JAMES HARDIE	FIBER CEMENT PLANK	HARDIE PLANK HZ-5, CEDARMILL, COLOR: ARTIC WHITE, GC TO PAINT PT-1	ALL EXPOSED FASTENERS TO BE PAINTED TO MATCH PANEL. GC TO COORDINATE WITH OWNER ON FINAL LOCATION OF PT-1 ON FC-3.
PT-1	RAL	#6027, GLOSS (HANG 10 CYAN)	PAINT	EXPOSED STEEL STRUCTURE & BOLLARDS & FC-3
PT-2	VARIES	VARIES	GC TO COORD. WITH CM ON FINAL PAINT LOCATIONS	GUTTERS, DOWNSPOUTS, SCUPPERS, CONDUCTORS HEADS, COPING CAPS AND EXTERIOR HM & FRAMES
R-1	<varies>	<varies>	<varies>	<varies>
SF-1	KAWNEER	STOREFRONT ASSEMBLY	451T, THERMAL - CLEAR ANODIZED FINISH	W/ CLEAR INSULATED GLASS OR CLEAR GLASS PER APPROVED ASSEMBLY

KEYNOTES	
131	PREFINISHED METAL GUTTERS
201	EXTERIOR WALL PACK WITH 90 DEGREE CUTOFF, RE: ELECTRICAL
202	ROOF ACCESS DOOR, PAINT TO MATCH ADJACENT SURFACE
203	PROPOSED SIGNAGE LOCATION, SIGNAGE BY OTHERS UNDER SEPARATE SUBMITTAL
204	LOUVER, REFER TO STRUCTURAL & MECHANICAL DRAWINGS. LOUVER COLOR TO MATCH ADJACENT FINISH
206	CAST IN PLACE CONCRETE RE: STRUCTURAL
EXTERIOR FINISH NOTES	
1. ALL EXTERIOR FINISHES TO BE INSTALLED PER MFR INSTRUCTIONS FOR WIND SPEED AND DESIGN PRESSURE FOR THIS LOCATION. SEE SHEETS S0-1 FOR WIND SPEED AND DESIGN PRESSURES. PAC-CLAD SIDING REQUIRES 16GA. MIN. METAL EXTERIOR WALL CONSTRUCTION. METAL STUD GAUGES TO BE UPDATED AS NEEDED TO MEET THIS REQUIREMENT. SEE COVER SHEET FOR ADDITIONAL INFORMATION REGARDING EXTERIOR PRODUCTS REQUIRED FOR THIS LOCATION.	
2. R-1 ON EXTERIOR FINISH SCHEDULE IS BASES OF DESIGN. SEE COVER SHEET FOR ACTUAL SYSTEM TO BE PROVIDED. GLAZING TO MATCH R-1. COORDINATE WITH CWB PEMB. GLAZING TO MEET REQUIREMENT OF APPROVED SYSTEM AS INDICATED ON COVER SHEET.	
3. SEE COVER SHEET FOR ADDITIONAL INFORMATION REGARDING EXTERIOR FINISHES	



THE INFORMATION ON THIS DOCUMENT IS PRELIMINARY OR INCOMPLETE. NO FOR CONSTRUCTION OR IMPLEMENTATION.

HANG10 - PORTSMOUTH, NH

HANG10 - PORTSMOUTH, NH

2299 LAFAYETTE RD
PORTSMOUTH, NH 03801

Revisions / Submissions

ID	Description	Date
PRELIMINARY ORS		09/22/2025

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Project number: 766656-01

Scale: As indicated

Drawn By: AFF, ANM

Checked By: ARA

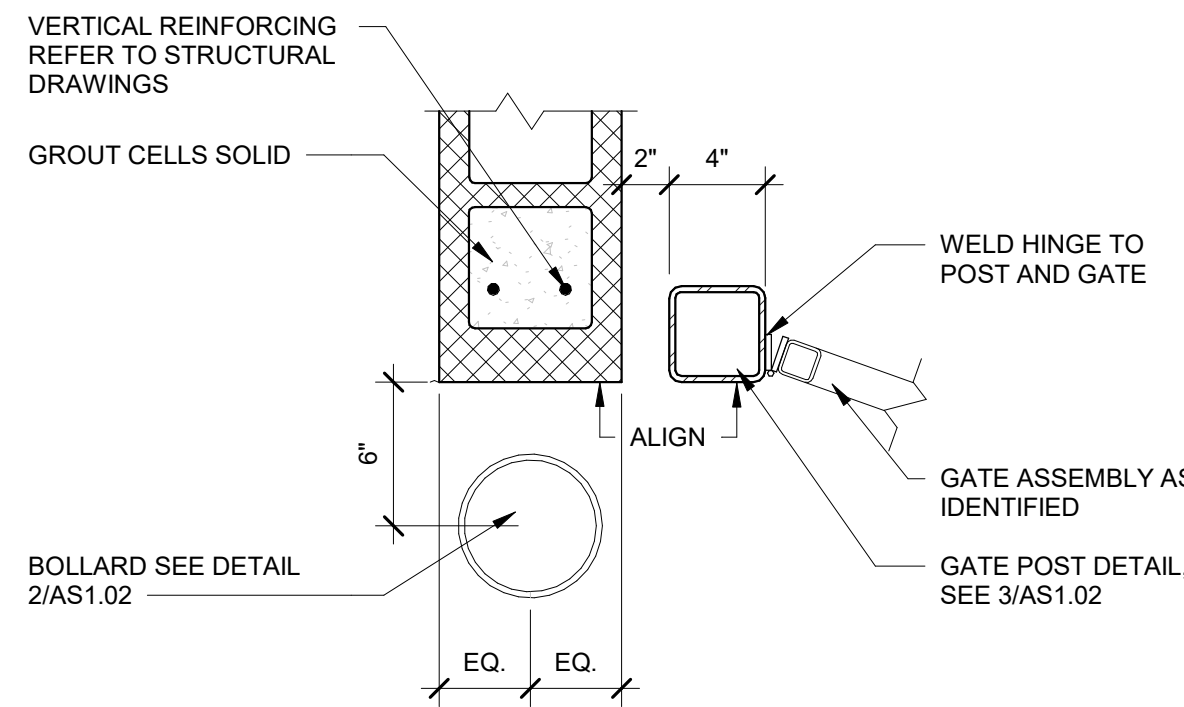
Date: 09/22/2025

Issue: Prelim. Design

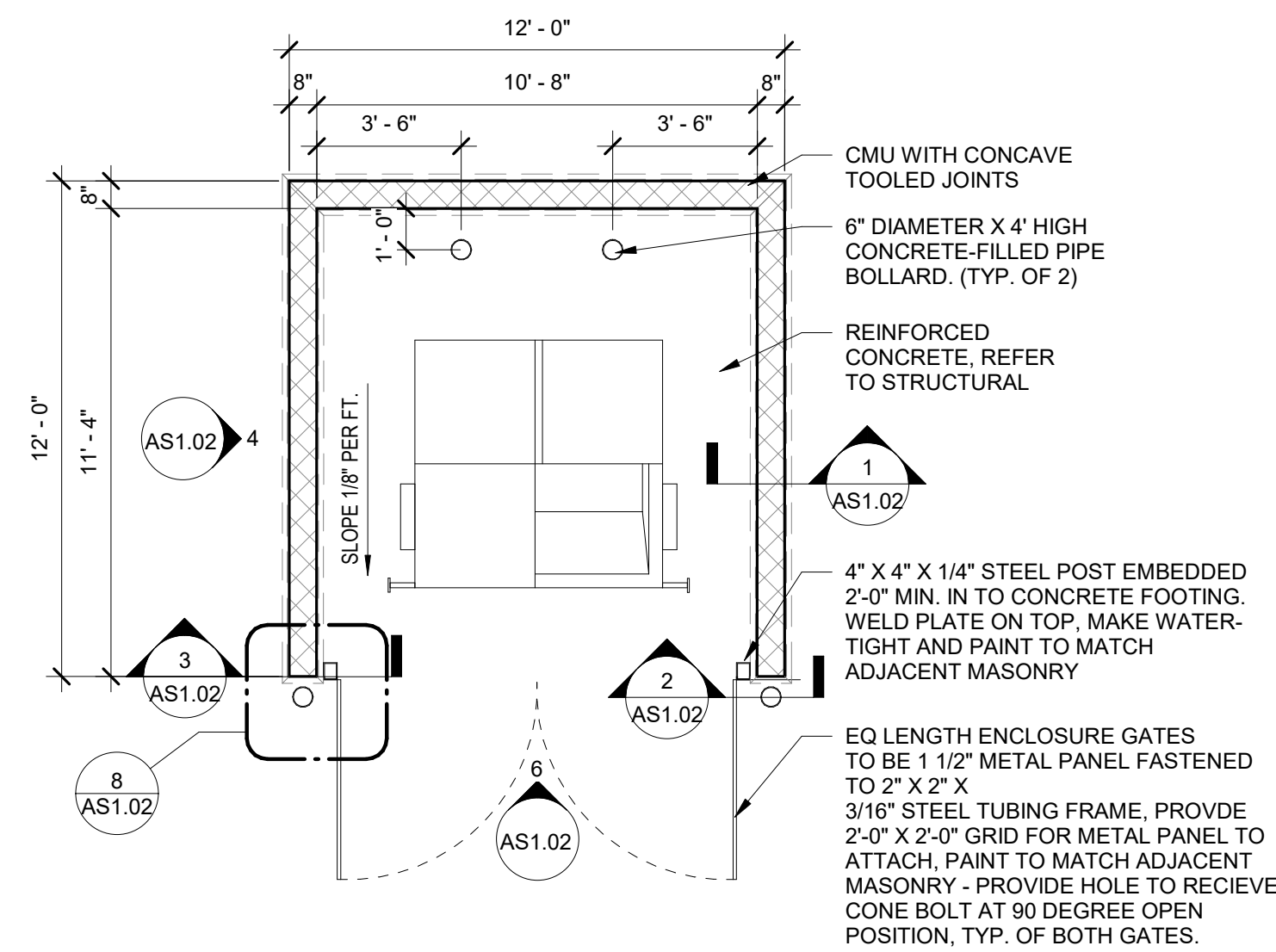
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EXTERIOR
ELEVATIONS

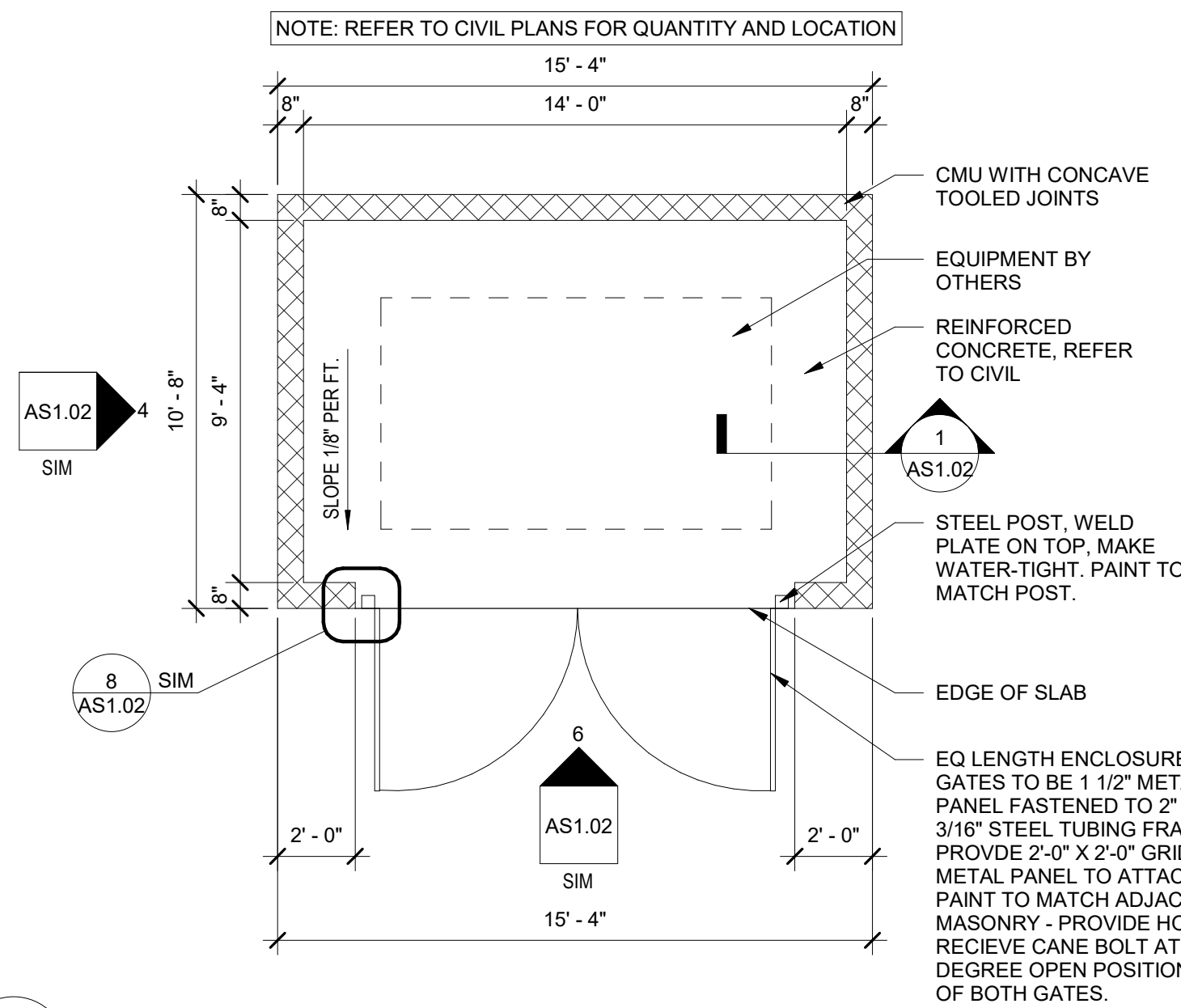
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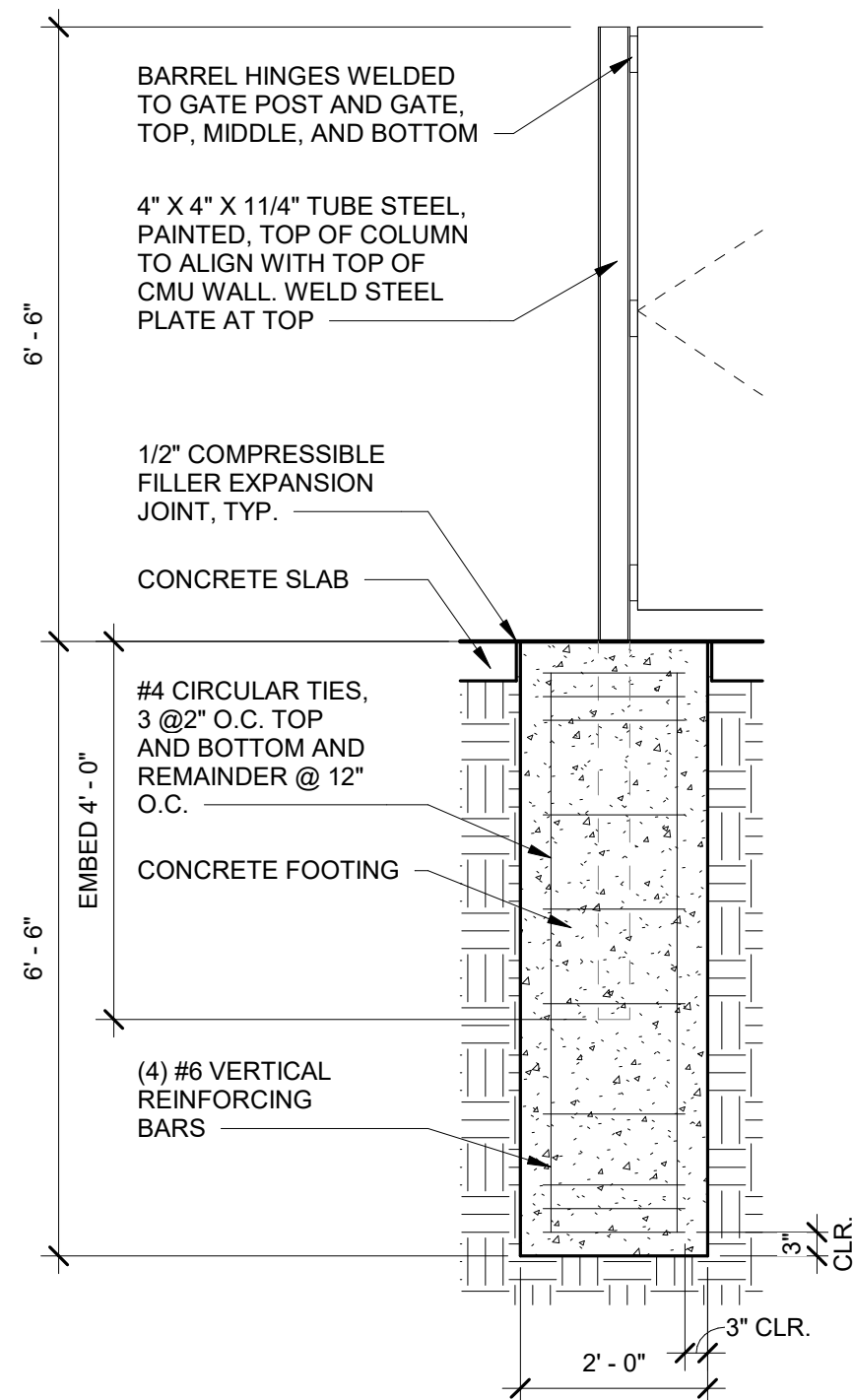
8 TRASH ENCLOSRE GATE DETAIL
AS1.02 Scale: 1 1/2" = 1'-0"



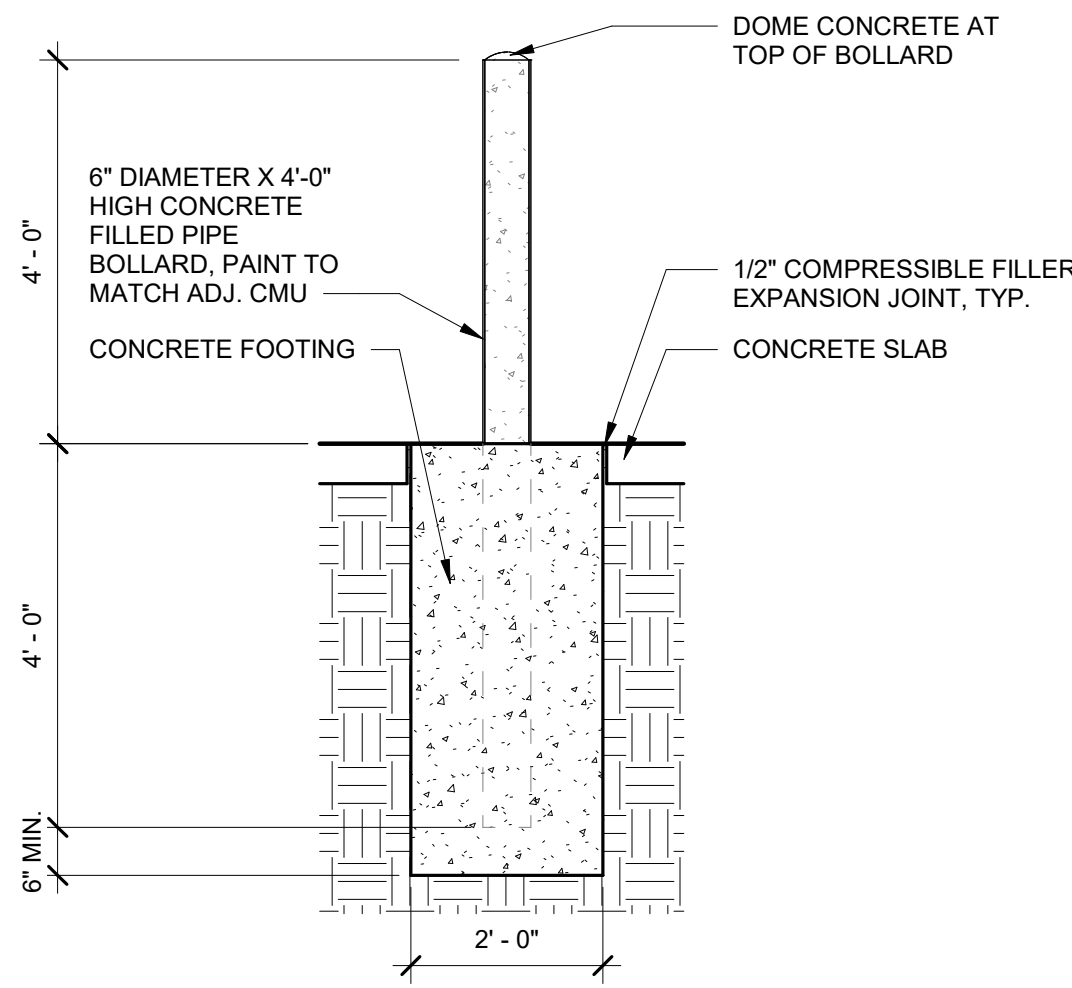
7 TRASH ENCLOSURE PLAN
AS1.02 Scale: 1/4" = 1'-0"



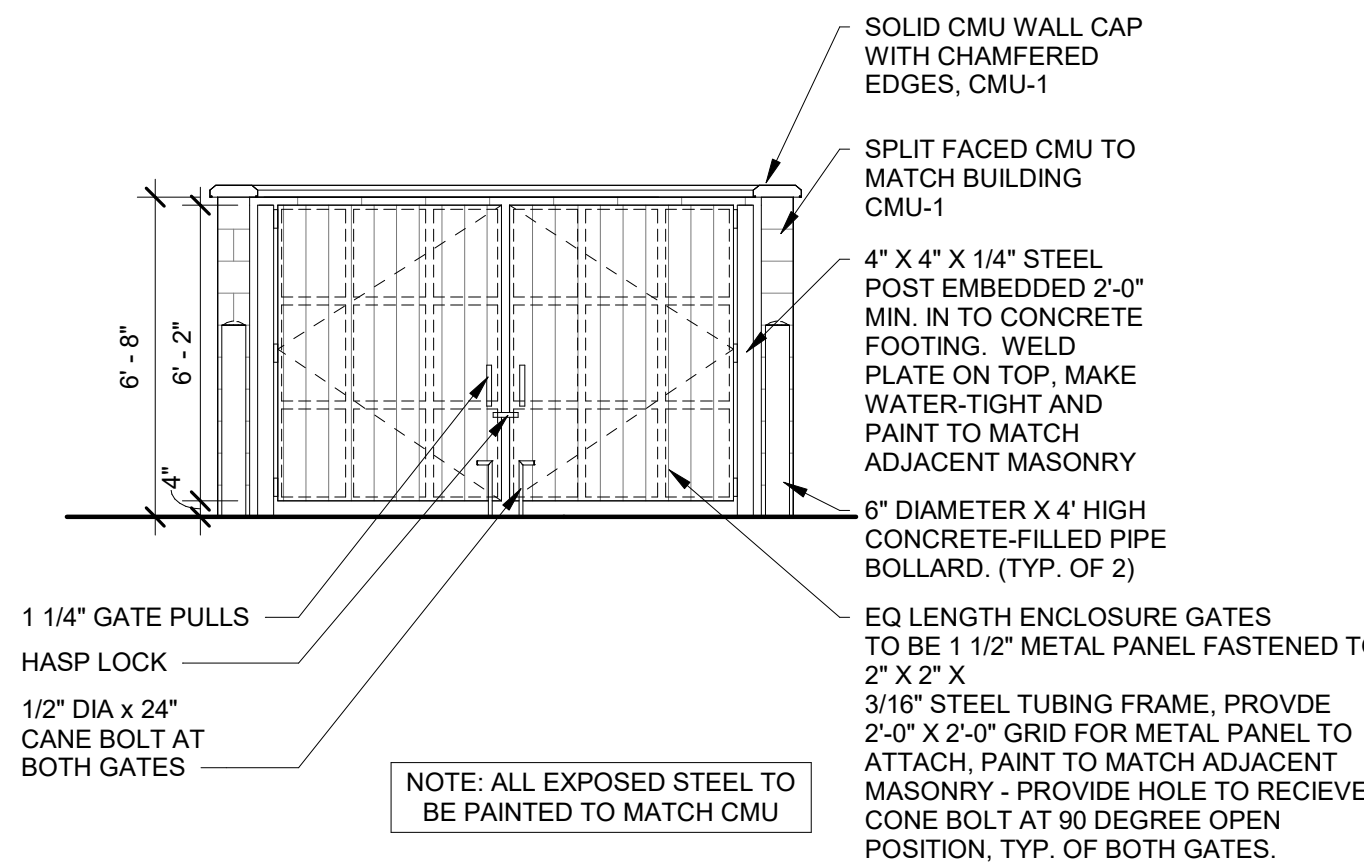
5 VACUUM ENCLOSURE
AS1.02 Scale: 1/4" = 1'-0"



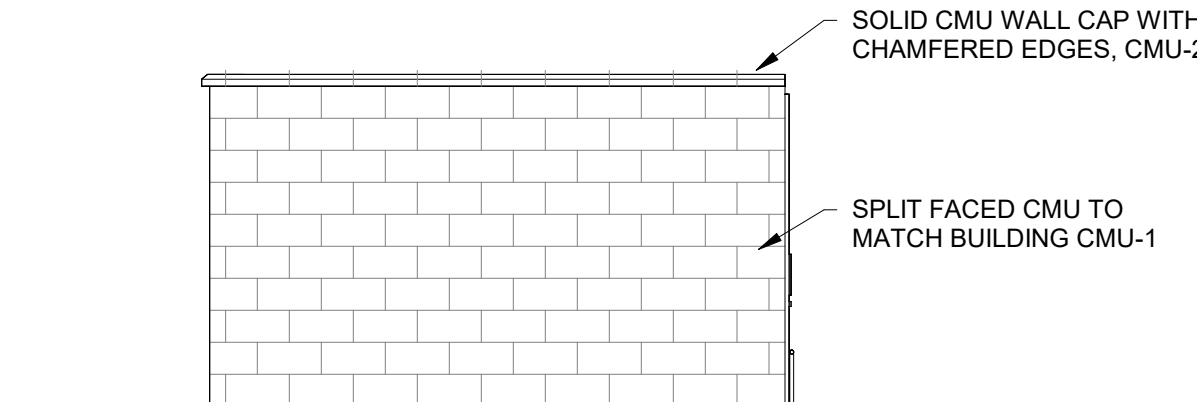
3 GATE POST DETAIL
AS1.02 Scale: 1/2" = 1'-0"



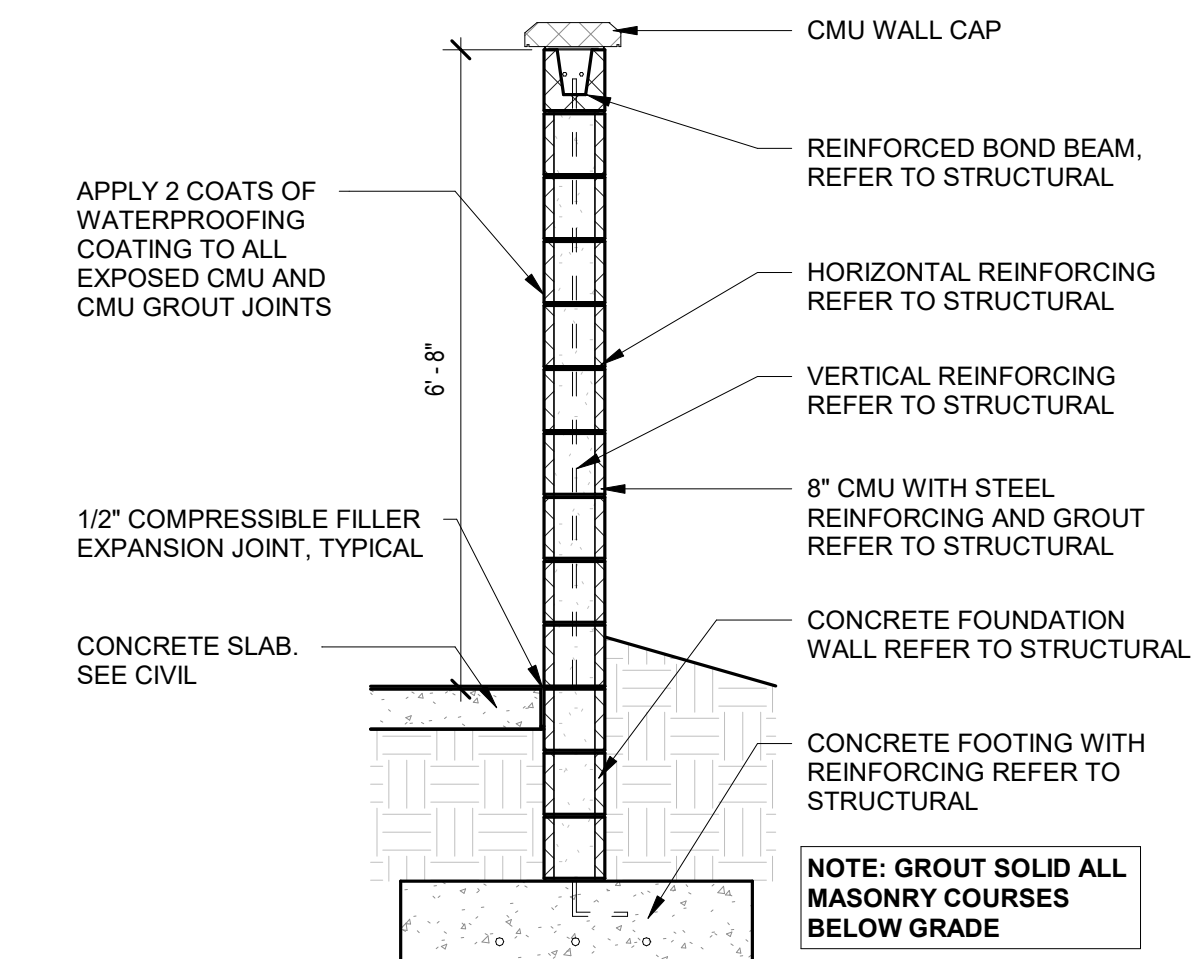
2 BOLLARD DETAIL
AS1.02 Scale: 1/2" = 1'-0"



6 TRASH ENCLOSURE FRONT ELEVATION
AS1.02 Scale: 1/4" = 1'-0"



4 TRASH ENCLOSURE SIDE / BACK ELEVATION
AS1.02 Scale: 1/4" = 1'-0"



1 TRASH ENCLOSURE WALL SECTION
AS1.02 Scale: 1/2" = 1'-0"

Revisions / Submissions		
ID	Description	Date
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Project number:		
Scale: As indicated		
Drawn By:		
Checked By:		
Date:		
Issue:		

Sheet Title:
**DUMPSTER
ENCLOSURE & SITE
DETAILS**

AS1.02