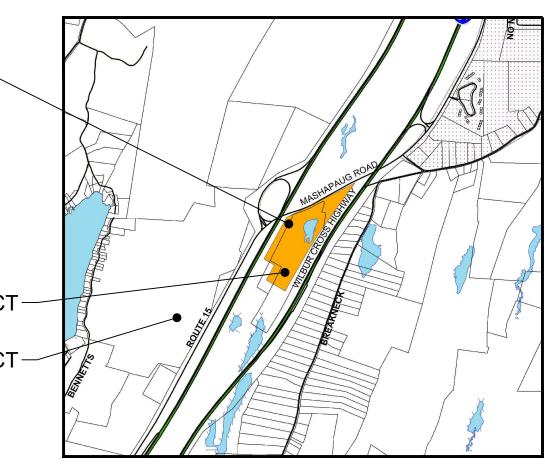
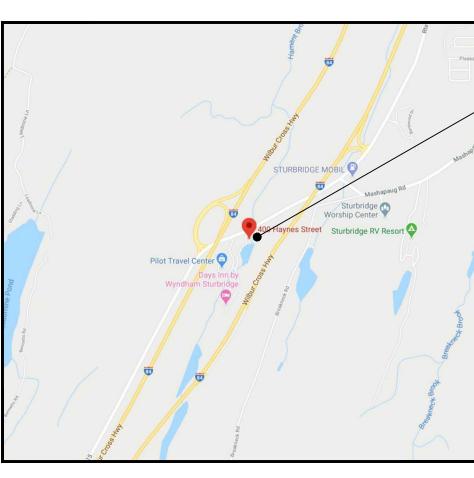
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A	APPLICANT/O	WNER PILOT TI 5508 LO	RAVEL CENTERS LLC NAS ROAD LE, TN 37909		
	CIVIL ENGINEI	ER CORE S 9 GALEN WATERT CONTAC	ATES GROUP STREET OWN, MA 02472 T: ALAN ROSCOE		
в	SURVEYOR	PO BOX	AST SURVEY CONSULTANTS PC 109 MPTON, MA 01027		
	GOVER	RNING AGENCIE	S CONTACTS:		
_	PLANNING BO	PLANNIN 308 MAII	F STURBRIDGE IG AND ZONING DEPARTMENT I STREET IDGE, MA 01566 -2508		
с	BUILDING DEF	BUILDIN 308 MAII	F STURBRIDGE G DEPARTMENT I STREET IDGE, MA 01566 -2505		
	UTILITY	CONTACTS:			
_	GAS	47 HOOł	AN PROPANE (STREET RIDGE, MA 01550 -4899		
D	ELECTRIC	NATION/ PO BOX NORTHE (800) 375	960 OROUGH, MA 01532		
	WATER		CESTER ROAD ON, MA 01507		SITE
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THE PURPOSE OF THESE DRAWINGS IS TO REVIEW AND EVALUATE IMPACTS OF THE PROPOSED RENOVATIONS TO THIS SITE AS IT RELATES TO THE MASSACHUSETTS WETLANDS PROTECTION ACT AND THE STURBRIDGE WETLAND PROTECTION BY-LAW.

SITE PLAN FOR PILOT TRAVEL CENTERS 400 HAYNES STREET BOOK 35851, PAGE 0275 TOWN OF STURBRIDGE WORCESTER COUNTY, MASSACHUSETTS



ZONING DISTRICT MAP



VICINITY MAP

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				DOCUMENTS PREPARED E INCLUDING THIS DOCUME	9 GALEN STREET, SUITE 117 WATERTOWN, MA 02472 PHONE (617) 576-0007 AROSCOE@CORE-STATES.COM
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AC	ACRES
ADA	AMERICANS WITH DISABILITY ACT
ARCH BC	ARCHITECTURAL BOTTOM OF CURB
BC	BASEMENT FLOOR
BK	BLOCK
BL	BASELINE
BLD	BUILDING
BOL	BOLLARD
BM BRL	BENCH MARK BUILDING RESTRICTION LINE
CF	
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONN	CONNECTION
CONC	CONCRETE
CY DEC	CUBIC YARDS DECORATIVE
DEP	DEPRESSED
DIP	DUCTILE IRON PIPE
DOM	DOMESTIC
ELEC	ELECTRIC
ELEV	
EP	
ES EW	EDGE OF SHOULDER END OF WALL
EX	EXISTING
FES	FLARED END SECTION
FF	FINISH FLOOR ELEVATION
FH	FIRE HYDRANT
FG	FINISHED GRADE
G GF	GRADE GARAGE FLOOR
GF	GRADE HIGH SIDE OF WALL
GL	GRADE LOW SIDE OF WALL
GRT	GRATE
GV	GATE VALVE
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	
HOR HW	HORIZONTAL
INT	INTERSECTION
INV	INVERT
LF	LINEAR FOOT
LOC	LIMITS OF CLEARING
LOD	
LOS LP	LINE OF SIGHT
LF	LANDSCAPE
MAX	MAXIMUM
ME	MATCH EXISTING
MIN	MINIMUM
MH	
MJ OC	MECHANICAL JOINT
PC	POINT OF CURVATURE
PCCR	POINT OF COMPOUND CURVATURE, CURB
PI	RETURN POINT OF INTERSECTION
POG	POINT OF GRADE
POI	POINT OF INTEREST
PROP	PROPOSED
PT	
PTCR	
PVC PVI	POLYVINYL CHLORIDE PIPE POINT OF VERTICAL INTERSECTION
PVI PVT	POINT OF VERTICAL INTERSECTION POINT OF VERTICAL TANGENCY
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RCPR	REINFORCED CONCRETE WITH RUBBER GASKET
RET-WALL	RETAINING WALL
R/W	RIGHT OF WAY
S	SLOPE
SAN	SANITARY SEWER
SF	SQUARE FEET
STA STM	STATION STORM
TBR	TO BE REMOVED
TBRL	TO BE RELOCATED
TC	TOP OF CURB
TEL	TELEPHONE
TP	
TW	
TYP	
UG UP	UNDERGROUND UTILITY POLE
W/L	WATER LINE
W/M	WATER METER
±	PLUS OR MINUS
o	DEGREE
	DIAMETER

ENERAL SITE NOTES

- ALL CONSTRUCTION MATERIALS AND TECHNIQUES OF INSTALLATION SHALL MEET PERFORMANCE VALUES OF THE MATERIALS SPECIFIED AND COMPLY WITH ALL AUTHORITY HAVING JURISDICTION REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THIS PROJECT IS CONSTRUCTED IN ACCORDANCE WITH THESE DOCUMENTS AND IN COMPLIANCE WITH CODES INDICATED HEREIN. THE QUALITY OF WORKMANSHIP AND INSTALLATION OF MATERIALS SPECIFIED BY THE ARCHITECT/ENGINEER ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE ARCHITECT/ENGINEER WILL NOT BE HELD RESPONSIBLE FOR ANY SUBSTANDARD OR INSUFFICIENT WORKMANSHIP, MATERIALS, OR SERVICES PROVIDED IN THE EXECUTION OF ANY PHASE OF CONSTRUCTION OF THIS PROJECT.
- ALL MATERIALS ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. THE GENERAL CONTRACTOR SHALL ENSURE THAT ALL MANUFACTURER'S WARRANTIES WILL BE HONORED.
- ALL CONDITIONS SHOWN TO BE "EXISTING" SHALL BE VERIFIED IN THE FIELD BY THE GENERAL CONTRACTOR PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE NOTED AND SUBMITTED TO THE OWNER AND THE ARCHITECT/ENGINEER FOR REVIEW. CHANGES TO THE ORIGINAL DESIGN OF THE PROJECT DUE TO EXISTING ³. SITE CONDITIONS MUST BE APPROVED BY BOTH THE OWNER AND THE ARCHITECT/ENGINEER PRIOR TO MAKING ANY CHANGES.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF EXISTING FIELD CONDITIONS AND OF ALL DRAWINGS AND SPECIFICATIONS RELATED TO THEIR FIELD. THE FAILURE TO ACQUAINT THEMSELVES WITH THIS PROJECT AND ONES FIELD OF SERVICE SHALL NOT RELIEVE THEM OF ANY RESPONSIBILITY FOR PERFORMING THEIR WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED DUE TO THE GENERAL CONTRACTOR'S FAILURE TO CONVEY THE NECESSARY KNOWLEDGE TO FAMILIARIZE WORKERS AND SUBCONTRACTORS WITH THIS PROJECT.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE SAFETY OF ALL PERSONS ON THE JOB SITE AT ALL TIMES INCLUDING (BUT NOT LIMITED TO) SUBCONTRACTORS, FACILITY EMPLOYEES, VENDORS, DESIGN STAFF PROFESSIONALS AND INSPECTION PERSONNEL.
- THE GENERAL CONTRACTOR SHALL PROVIDE DUMPSTERS, PORTABLE TOILETS AND TEMPORARY POWER FOR UNRESTRICTED PROJECT RELATED USE BY OTHERS FOR THE DURATION OF THE PROJECT.
- THE GENERAL CONTRACTOR SHALL COORDINATE PROJECT PHASING AND STORAGE OF MATERIALS WITH THE OWNER AND EROSION AND SEDIMENT CONTROL AUTHORITY.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE RECEIVING, UNLOADING, STORING AND PROTECTION OF MATERIALS AND EQUIPMENT SUPPLIED BY THE OWNER UNTIL IT HAS BEEN INSTALLED AND ACCEPTED BY THE OWNER.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE AREA CLEAN AND FREE OF DEBRIS AT ALL TIMES DURING CONSTRUCTION. THE GENERAL CONTRACTOR SHALL POWER WASH THE ENTIRE CONSTRUCTION AREA PRIOR TO TURNOVER TO THE OWNER.
- THE GENERAL CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION OF ALL PUBLIC AND PRIVATE UTILITIES, INCLUDING IRRIGATION, SPECIFIC TO THIS PROJECT PRIOR TO THE START OF ANY DEMOLITION OR CONSTRUCTION. SHOULD ANY UTILITY REQUIRE RELOCATION, CONTRACTOR SHALL COORDINATE WITH THE OWNER AND THE ARCHITECT/ENGINEER.
- SAWCUT AND REMOVE PORTIONS OF EXISTING PAVING ONLY AS REQUIRED TO INSTALL NEW UTILITIES OR TO CONSTRUCT PROPOSED FACILITIES PER THIS PLAN. REPLACE PORTIONS REMOVED TO MATCH EXISTING FLUSH AND SMOOTH.
- IF REQUESTED BY THE OWNER OR AUTHORITY HAVING JURISDICTION, CONTRACTOR TO PROVIDE TEMPORARY CONSTRUCTION FENCING, PER AUTHORITY HAVING JURISDICTION REQUIREMENTS OR A MINIMUM 6 FOOT HIGH, AROUND ENTIRE AREA OF CONSTRUCTION OR PER THE CLIENTS STANDARDS. FIELD VERIFY EXACT LOCATION AND SPECIFICATIONS OF FENCE WITH THE OWNER PRIOR TO START OF CONSTRUCTION. REMOVE FENCING AT COMPLETION OF PROJECT AND PATCH PAVING AS REQUIRED AT FENCE POST HOLES.
- ALL DIMENSIONS ARE TO GROUND LEVEL IMPROVEMENTS (FACE OF CURB, CONCRETE SLAB, ETC UNLESS NOTED OTHERWISE).
- CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS.
- CONTRACTOR SHALL MATCH PROPOSED CURB AND GUTTER, CONCRETE, AND
- PAVEMENT TO EXISTING IN GRADE AND ALIGNMENT. CONSTRUCTION SHALL COMPLY WITH ALL AUTHORITY HAVING JURISDICTION CODES AND BE CONSTRUCTED TO SAME.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING THE DAMAGE DONE TO ANY EXISTING ITEM TO REMAIN DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. REPAIRS SHALL BE EQUAL TO, OR BETTER THAN, EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGE AND NOTIFY OWNER PRIOR TO CONSTRUCTION START. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE INCURRED TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF BUILDING APPURTENANCES, STAIRS, RAMPS, SLOPE PAVING, SIDEWALKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- ALL DISTURBED AREAS ARE TO RECEIVE A MINIMUM OF FOUR INCHES OF TOPSOIL. UNLESS OTHERWISE NOTED IN THESE PLANS, SEED OR SOD, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
- EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE MAINTAINED, ABANDONED, REMOVED OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE BID.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH AUTHORITY HAVING JURISDICTION REQUIREMENTS AND PROJECT SITE WORK SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
- THE SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE SPECIFICATIONS IN THE CONTRACT DOCUMENTS AND THE OWNER/ DEVELOPER SITE WORK SPECIFICATIONS.
- ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER OF RECORD BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM THE DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL.
- IN THE EVENT THE CONSTRUCTION IS ABANDONED PRIOR TO THE COMPLETION OF THE PROJECT, ALL CONSTRUCTION AND STOCKPILED VEGETATIVE DEBRIS AND FILL SHALL BE REMOVED FROM THE SITE AND THE SITE SHALL BE STABILIZED PER THE PERMIT FOR STORM WATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (NPDES).
- THESE PLANS ARE INTENDED TO AND SHALL COMPLY WITH AMERICANS WITH DISABILITIES ACT.
- CONTRACTOR IS RESPONSIBLE FOR PERMITTING, INSTALLATION AND MAINTENANCE OF ALL MAINTENANCE OF TRAFFIC OPERATIONS DURING CONSTRUCTION. MAINTENANCE OF TRAFFIC SHALL CONFORM TO AUTHORITY HAVING JURISDICTION STANDARDS.
- ALL DESIGN AND CONSTRUCTION MUST CONFORM TO THE MINIMUM STANDARDS SET DOWN IN THE AUTHORITY HAVING JURISDICTION DEVELOPMENT CODE, ZONING, AND/OR RELATED ORDINANCES, AND MINIMUM TESTING FREQUENCY REQUIREMENTS.

29. PREVIOUS SITE PLAN REMAINS IN EFFECT EXCEPT AS MODIFIED BY THE PROPOSED Iser: KFURAO Plot Date/Time: Apr. 23, 20 - 11:25:30 Drawing: P:\Pilot Oil\Sturbridge, MA (400 Haynes Street)-PIL.28950\CIVIL\Drawings\Presentation\PIL.28950 - P - DETL.dwg ;C1.0 - Gen. Notes

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REVISIONS

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9.

30. SAFETY NOTICE TO CONTRACTOR: IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES ON OR NEAR THE CONSTRUCTION SITE.

SOIL EROSION AND SEDIMENT CONTROL NOTES:

- ALL APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATION AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
- SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL AUTHORITY HAVING JURISDICTION STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL.
- APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE 2. UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.
- THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS AND INSTALL ALL MEASURES REQUIRED TO REASONABLY CONTROL SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT EXCESSIVE FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE.
- ANY DISTURBED AREA THAT IS TO BE LEFT EXPOSED FOR MORE THAN 14 DAYS. UNLESS OTHERWISE NOTED IN THE PLANS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION IN 4. ACCORDANCE WITH ALL AUTHORITY HAVING JURISDICTION STANDARDS. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREAS WILL BE MULCHED WITH SALT HAY OR EQUIVALENT AND ANCHORED.
- ALL SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT.
- A CRUSHED STONE TIRE CLEANING PAD WILL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS EXISTS. THE STABILIZED PAD WILL BE INSTALLED ACCORDING TO THE STANDARD FOR STABILIZED CONSTRUCTION ACCESS. ALL CATCH BASIN INLETS WILL BE PROTECTED ACCORDING TO THE CERTIFIED PLAN. ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
- 10. OFFSITE SEDIMENT DISTURBANCE MAY REQUIRE ADDITIONAL CONTROL MEASURES TO BE DETERMINED BY THE EROSION CONTROL INSPECTOR.
- 11. A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE MAINTAINED ON THE PROJECT SITE DURING CONSTRUCTION.
- 12. THE AUTHORITY HAVING JURISDICTION SHALL BE NOTIFIED PER AUTHORITY HAVING JURISDICTION REQUIREMENTS PRIOR TO ANY LAND DISTURBANCE.
- 13. ANY CONVEYANCE OF THIS PROJECT PRIOR TO ITS COMPLETION WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CERTIFIED PLAN TO ANY SUBSEQUENT OWNERS.
- 14. MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 3:1 UNLESS OTHERWISE APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- 15. ADJOINING PROPERTIES SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS ON THE PROPOSED SITE.
- USE STAGED CONSTRUCTION METHODS TO MINIMIZE EXPOSED SURFACES. WHERE 16 APPLICABLE.
- 17. ALL VEGETATIVE MATERIAL SHALL BE SELECTED IN ACCORDANCE WITH AMERICAN STANDARDS FOR NURSERY STOCK OF THE AMERICAN ASSOCIATION OF THE NURSERYMAN.
- 18. NATURAL VEGETATION AND SPECIES SHALL BE RETAINED WHERE SPECIFIED ON THE LANDSCAPING PLAN.
- 19. THE SOIL EROSION INSPECTOR MAY REQUIRE ADDITIONAL SOIL EROSION MEASURES TO BE INSTALLED, AS DIRECTED BY THE INSPECTOR.

DEMOLITION NOTES:

- THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS AND CODES AND OBTAIN ALL REQUIRED PERMITS FOR ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL CONTACT 811 DIG SAFELY BEFORE PERFORMING ANY
- EXCAVATION WORK. THE CONTRACTOR SHALL INSTALL ALL CONSTRUCTION FENCING AND EROSION AND
- SEDIMENT CONTROL DEVICES PRIOR TO THE START OF ANY DEMOLITION OR CONSTRUCTION ACTIVITY.
- ALL STRUCTURES, UTILITIES, SITE IMPROVEMENTS AND TREES DESIGNATED ON THE DRAWINGS OR DIRECTED BY THE ENGINEER TO REMAIN SHALL BE PROTECTED FROM DAMAGE BY ALL CONSTRUCTION OPERATIONS. THIS SHALL BE ACCOMPLISHED BY ERECTING BARRIERS, GUARDS AND ENCLOSURES AS SHOWN ON THE DRAWINGS OR OTHER APPROVED MEANS. PROTECTION SHALL BE MAINTAINED UNTIL ALL WORK IN THE VICINITY OF THE WORK BEING PROTECTED HAS BEEN COMPLETED.
- THE CONTRACTOR SHALL COMPLY WITH ALL DEMOLITION AND NEW CONSTRUCTION INSPECTIONS AS REQUIRED BY FEDERAL, STATE AND AUTHORITY HAVING JURISDICTION LAWS, REGULATIONS AND BUILDING CODES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSAL (IN A LOCATION APPROVED BY ALL AUTHORITIES HAVING JURISDICTION) ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING, DRIVES, DRAINAGE, STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY, UNLESS OTHERWISE NOTED.
- ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE CONTRACT DOCUMENTS.
- CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH, VEGETATION FROM CLEARING AND GRUBBING, AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING FOR ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
- THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL
- 10. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
- 11. 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.
- 12. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED

AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND A ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDIN DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEF PROCEEDING WITH THE WORK. UTILITIES DETERMINED TO BE ABANDONED AN IN PLACE SHALL BE GROUTED IF UNDER BUILDING.

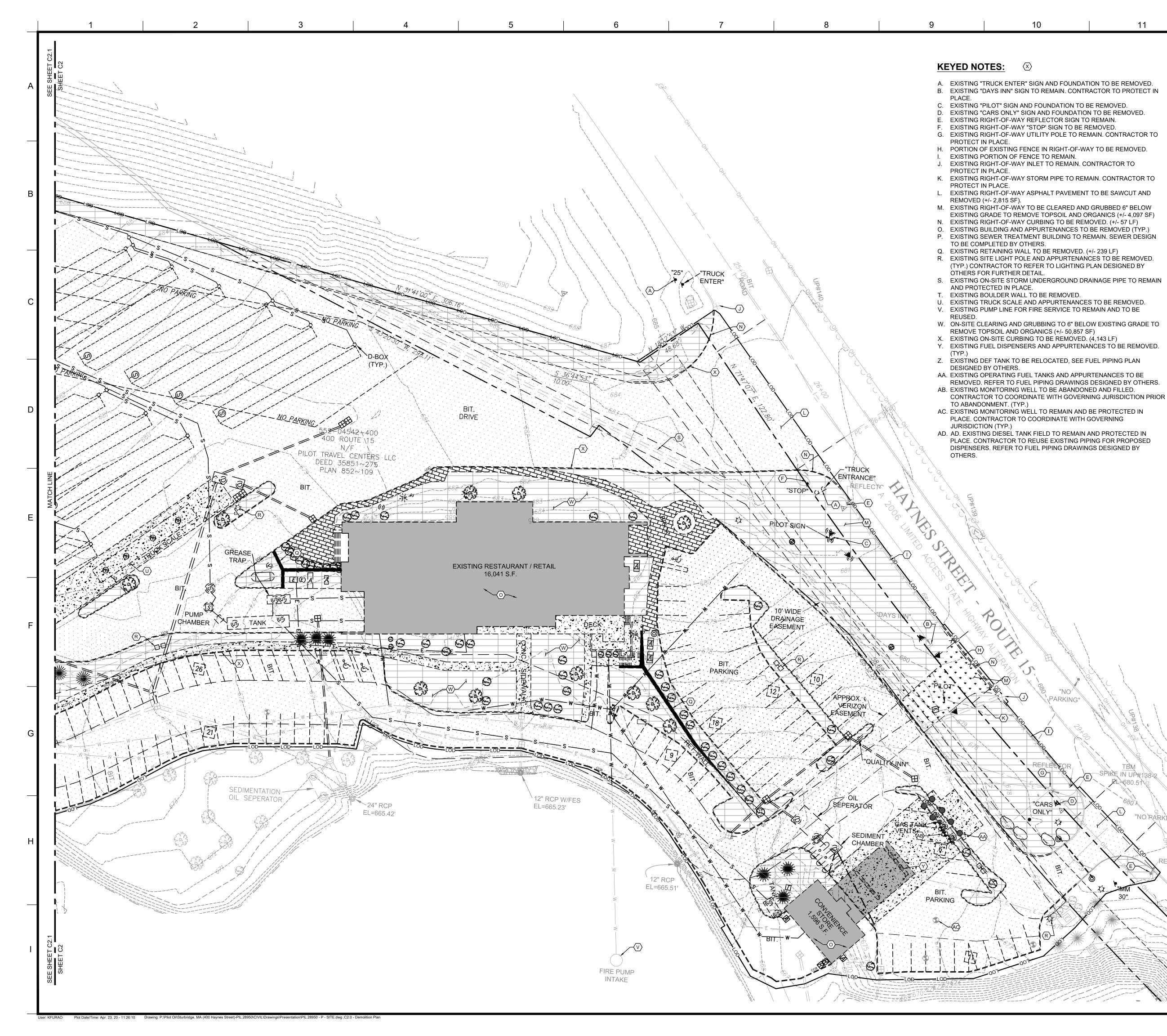
- 13. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE AND/OR GAS LI NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY AND REMOVED TO THE PROPERTY LINE. ADEQU TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILI SERVICE. CONTRACTOR SHALL PAY CLOSE ATTENTION TO EXISTING UTILITIES ANY ROAD RIGHT OF WAY DURING CONSTRUCTION.
- 14. CONTRACTOR TO REPLACE ALL DEAD AND/OR DAMAGED SHRUBS IN KIND.

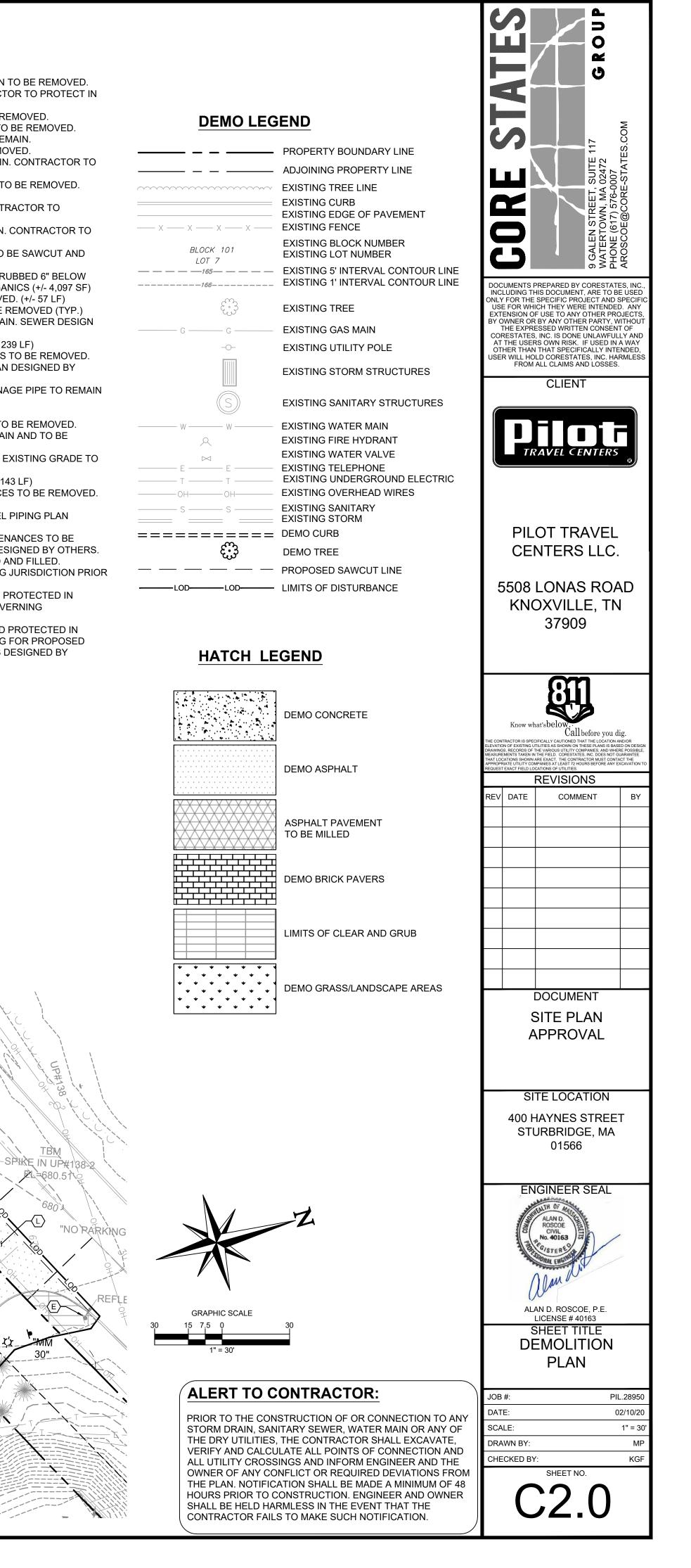
GENERAL UTILITY NOTES:

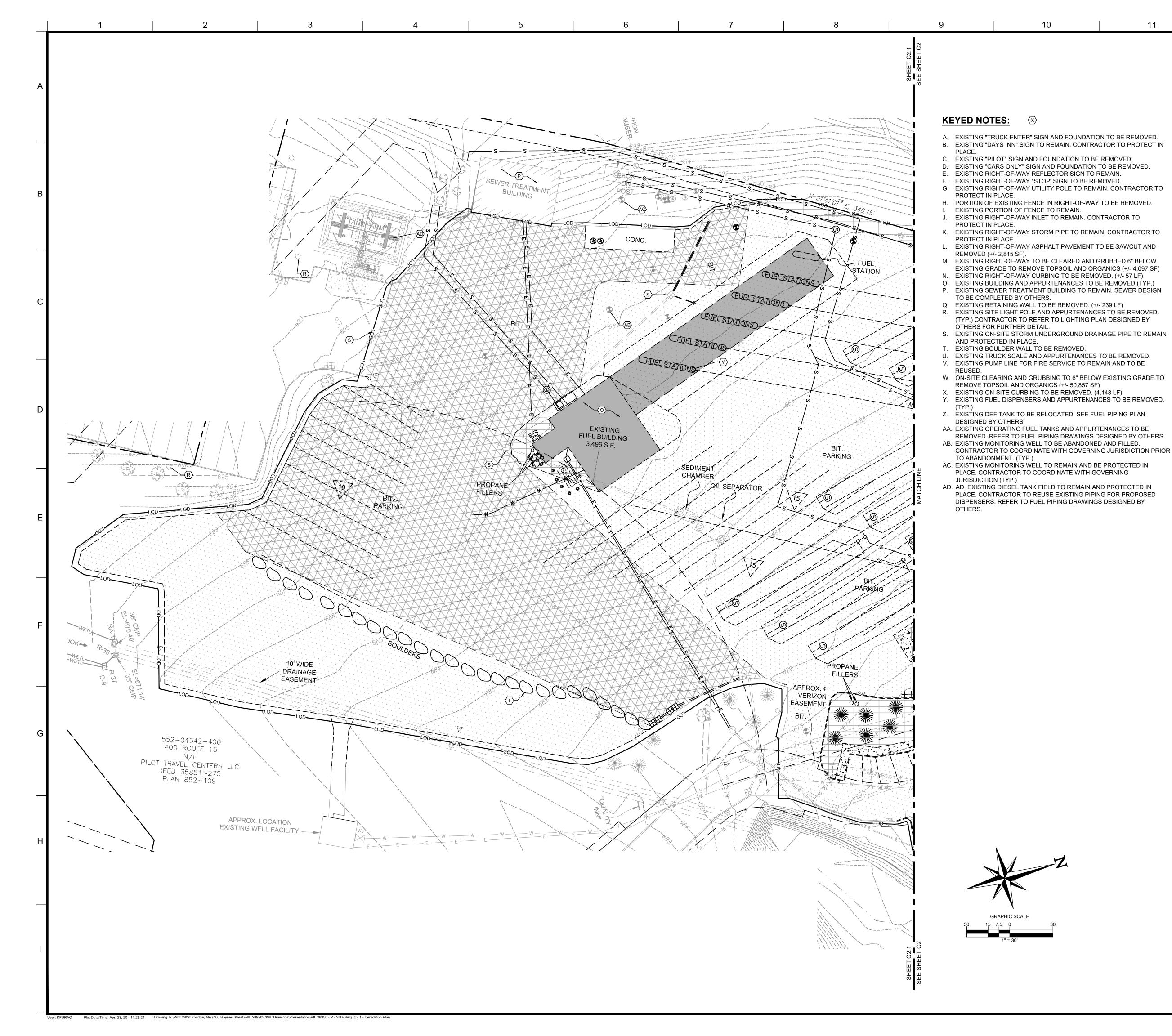
- CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SE WITH ADJACENT PROPERTY OWNERS.
- ALL ELECTRIC, TELEPHONE AND GAS EXTENSIONS INCLUDING SERVICE LINES BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE DESIGNATED UT COMPANIES.
- CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WR APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE AUTHORITY HAVING JURISDICTION AND CONTRACTOR HAS BEEN NOTIFIED BY ENGINEER.
- PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SA SEWER, WATER MAIN OR ANY DRY UTILITIES, THE CONTRACTOR SHALL EXCAN VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSS AND INFORM THE ENGINEER AND THE OWNER/DEVELOPER OF ANY CONFLICT REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MIN OF 72 HOURS PRIOR TO CONSTRUCTION, UNLESS OTHERWISE SPECIFIED IN P THE ENGINEER AND ITS OWNER SHALL BE HELD HARMLESS IN THE EVENT THAT CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING TH SCHEDULE FOR INSTALLATION WITH THE UTILITY COMPANIES AND THE OWNE EXISTING UTILITIES DISRUPTED DURING PLACEMENT OF NEW UTILITIES SHALL REPAIRED AND OPERATING NORMALLY THE SAME DAY OF DISRUPTION. THE G CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING IT THAT WILL BE DISRUPTED DURING THE PLACEMENT OF NEW UTILITIES AND PF THE OWNER A DETAILED PHASING SCHEDULE OUTLINING THE TIMELINE FOR INSTALLATION OF NEW UTILITIES INCLUDING THE PROPOSED TIMES THAT EXIS ITEMS WILL BE DISRUPTED. THE NEW UTILITIES TRENCH WIDTH AND DEPTH SH MEET ALL LOCAL AND STATE REQUIREMENTS FOR THE DISPLACEMENT OF ALL UTILITIES. IF DIRECTIONAL BORING IS USED FOR INSTALLATION, THE ABOVE LI ITEMS ARE STILL REQUIRED TO BE SUBMITTED TO THE OWNER.
- ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION PROPOSED UTILITIES.
- CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES' INSPECTORS PER AUTHORITY HAVING JURISDICTION REQUIREMENTS BEFORE CONNECTING TO A EXISTING LINE AND FOLLOW ALL REQUIREMENTS AND SPECIFICATIONS.
- UNDERGROUND UTILITY LINES SHALL BE INSTALLED, INSPECTED AND APPROV BEFORE BACKFILLING.
- ALL CONCRETE FOR ENCASEMENTS SHALL MEET THE AUTHORITY HAVING 9 JURISDICTION REQUIREMENTS FOR ENCASEMENT.
- 10. DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES. CONTRACTO VERIFY ALL UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 11. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLE GRAVITY SEWER LINES AND DOMESTIC WATER AND FIRE PROTECTION SYSTE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSAR MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION A LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE IN ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGEN REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOS STRINGENT SHALL GOVERN.
- 12. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNL SHOWN OTHERWISE.
- 13. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED TI MANUFACTURER'S SPECIFICATIONS. SECURELY CLOSE ALL OPEN ENDS OF PI FITTINGS WITH A WATERTIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLEAN AND JOINT SURFACES WIPED CLEAN DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL PLUMB AND LOCATED ACCORDING TO THE PLANS.
- 14. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEI PAVING SHALL BE COMPLETELY BACKFILLED AND COMPACTED IN ACCORDANC SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOS STRINGENT SHALL GOVERN.
- 15. SHOP DRAWINGS FOR ALL MATERIALS AND APPURTENANCE SHALL BE SUBMIT AND APPROVED BY THE AUTHORITY HAVING JURISDICTION UTILITY DEPARTME CONTRACTOR TO COPY THE ENGINEER OF RECORD WITH APPROVED DRAWIN REQUIRED. NO WORK IS TO BEGIN UNTIL SHOP DRAWINGS HAVE BEEN REVIEW APPROVED AND RETURNED TO THE CONTRACTOR.
- 16. PER AUTHORITY HAVING JURISDICTION TIMING REQUIREMENTS, PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE AUTHORITY HAVING JURISDICTION AND THE UTILITY COMPANY AND SUPPLY THEM WITH ALL REQU SHOP DRAWINGS, THE CONTRACTOR'S NAME, STARTING DATE, PROJECTED SCHEDULE AND OTHER INFORMATION AS REQUIRED. THE AUTHORITY HAVING JURISDICTION ENGINEERING INSPECTION OFFICE SHOULD ALSO BE CONTACT TIMING REQUIREMENTS PRIOR TO CONSTRUCTION TO ENSURE AVAILABILITY INSPECTION PERSONNEL. ANY WORK PREFORMED PRIOR TO NOTIFYING THE AUTHORITY HAVING JURISDICTION ENGINEERING INSPECTION OFFICE OR WITH DEPARTMENT INSPECTOR PRESENT MAY BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE SOLE EXPENSE OF THE CONTRACTOR.
- 17. SANITARY SEWER, FORCE MAINS, SEWER LATERALS, AND STORM SEWERS SH CROSS UNDER WATER MAINS AND/OR WATER SERVICES WHENEVER POSSIBL SANITARY SEWERS, FORCE MAINS, SEWER LATERALS, AND STORM SEWERS CROSSING WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DIS OF 18 INCHES BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE TOP OF TH LOWER PIPE, UNLESS OTHERWISE SPECIFIED IN THE PLANS.
- 18. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET SHOULD BE MAINTAINED BETW WATER LINES AND ANY TYPE OF SEWER LINES OR OTHER SOURCES OF CONTAMINATION, UNLESS OTHERWISE NOTED IN THE PLANS. WATER LINES A SEWERS SHALL NOT BE LAID IN THE SAME TRENCH EXCEPT ON THE WRITTEN APPROVAL OF THE AUTHORITY HAVING JURISDICTION. WATER MAINS NECESS IN CLOSE PROXIMITY TO SEWERS MUST BE PLACED SO THAT THE BOTTOM OF WATER LINE WILL BE AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER LIN HIGHEST POINT, UNLESS OTHERWISE NOTED IN THE PLANS. IF THIS DISTANCE UNAVOIDABLY BE REDUCED, THE WATER LINE OR THE SEWER LINE MUST BE ENCASED IN WATERTIGHT PIPE WITH SEALED WATERTIGHT ENDS EXTENDING LEAST 10 FEET EITHER SIDE OF THE CROSSING, UNLESS OTHERWISE NOTED I PLANS. ANY JOINT IN THE ENCASEMENT PIPE IS TO BE MECHANICALLY RESTR THE ENCASEMENT PIPE MAY BE VENTED TO THE SURFACE IF CARRYING WATE SEWER UNDER PRESSURE. WHERE A WATER LINE MUST UNAVOIDABLY PASS BENEATH THE SEWER LINE, AT LEAST 18 INCHES OF SEPARATION MUST BE MAINTAINED BETWEEN THE OUTSIDE OF THE TWO PIPES IN ADDITION TO THE PRECEDING ENCASEMENT REQUIREMENT, UNLESS OTHERWISE NOTED IN THE PLANS.

THE		EXCEPTIONS TO THIS MUST BE APPROVED IN WRITING BY THE AUTHORITY HAVING	5		
NY G DRE D LEFT	19.	JURISDICTION. A MINIMUM HORIZONTAL DISTANCE OF 3 FEET, UNLESS OTHERWISE NOTED IN THE PLANS, SHALL BE MAINTAINED BETWEEN WATER LINES AND OTHER UNDERGROUND OF A NONSANITARY NATURE (GAS, ELECTRIC, ETC.) EXCEPTIONS TO THIS MUST BE		C N C N C N C N C N C N C N C N C N C N	
NES E NTE THE	20.	APPROVED IN WRITING BY THE AUTHORITY HAVING JURISDICTION. ALL DIP SHALL BE CLASS 50 OR HIGHER, DUCTILE IRON FITTINGS SHALL BE CLASS 350, UNLESS OTHERWISE NOTED IN THE PLANS. ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED.	TS		COM
TY WITHIN	21. 22.	TREES SHALL BE PLACED SO AS TO AVOID BURIED UTILITIES. ALL UTILITY MAIN LENGTHS SHOWN ARE APPROXIMATE. ALL MANHOLE TOP ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL SET MANHOLE COVER LEVEL WITH FINISH PAVEMENT GRADES.	ш	V STREET, SUITE 117 TOWN, MA 02472 (617) 576-0007	ĒS
	23.	PRESSURE PIPE TESTING SPECIFICATIONS SHALL REFERENCE THE AUTHORITY HAVING JURISDICTION AND/OR FIRE DEPARTMENT.		STREE	E@COI
RVICES SHALL	24.	CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES. THIS AND THE FINAL CONNECTIONS OF THE SERVICE SHALL BE COMPLETED 30 DAYS PRIOR TO POSSESSION.			AROSCO
ALL ILITY	25.	REFER TO BUILDING PLANS FOR SITE ELECTRICAL PLAN.	INCLUDING THI ONLY FOR THE S USE FOR WHIC	IS DOCUMENT, ARE TO I SPECIFIC PROJECT AND CH THEY WERE INTENDE	BE ÚSED SPECIFIC ED. ANY
TTEN SAID	26.	ALL REINFORCED CONCRETE PIPE SHALL BE CLASS III UNLESS OTHERWISE NOTED AND INSTALLED IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES LATEST REQUIREMENTS AND SPECIFICATIONS OR AUTHORITY HAVING JURISDICTION SPECIFICATIONS, WHICHEVER IS MORE STRINGENT.	BY OWNER OR F THE EXPRES CORESTATES, AT THE USERS OTHER THAN USER WILL HOL	USE TO ANY OTHER PARTY, ' SSED WRITTEN CONSEI INC. IS DONE UNLAWFU S OWN RISK. IF USED IN THAT SPECIFICALLY INT D CORESTATES, INC. H/ LL CLAIMS AND LOSSES	WITHOUT NT OF LLY AND I A WAY ENDED, ARMLESS
	GE	NERAL PAVING AND GRADING NOTES:		CLIENT	
ATE, INGS DR IMUM	1.	ALL PAVING AND GRADING CONSTRUCTION MATERIALS AND METHODS SHALL MEET THE STANDARD SPECIFICATIONS AND REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.			
ANS. T THE R. ANY BE ENERAL MS OVIDE	2.	THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF 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, UNLESS OTHERWISE NOTED IN THE PLANS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.	PILC	AVEL CENTER	R
TING ALL	3. 4.	ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED. PRECAST STRUCTURES MAY BE USED AT CONTRACTOR'S OPTION AND SHALL MEET	CEN	NTERS LLC	•
STED	4.	ALL AUTHORITY HAVING JURISDICTION REQUIREMENTS/SPECIFICATIONS AT A MINIMUM.			
N OF	5.	THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE EPA OR APPLICABLE STATE GENERAL NPDES PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.	KINC	0XVILLE, TN 37909	N
ANY	6.	CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.			
ED	7.	CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.		811	
R ТО	8.	TOPOGRAPHIC INFORMATION IS TAKEN FROM A TOPOGRAPHIC SURVEY BY A LICENSED PROFESSIONAL SURVEYOR AND MAPPER. IF THE CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY, AT THEIR EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR TO THE OWNER FOR REVIEW.	ELEVATION OF EXISTING UTIL DRAWINGS, RECORDS OF TH MEASUREMENTS TAKEN IN T	Call before you FICALLY CAUTIONED THAT THE LOCATION LITIES AS SHOWN ON THESE PLANS IS BA IE VARIOUS UTILITY COMPANIES. AND WH HE FIELD. CORESTATES, INC. DOES NOT RE EXACT. THE CONTRACTOR MUST CON VANIES AT LEAST 72 HOURS BEFORE ANY	AND/OR SED ON DESIGN ERE POSSIBLE, GUARANTEE
S, 1 AS 7 ND	9.	ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE A MINIMUM OF 4 INCHES OF TOPSOIL, UNLESS OTHERWISE NOTED IN THE PLANS. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3H:1V OR STEEPER. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH AUTHORITY HAVING JURISDICTION SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.	REV DATE	COMMENT	BY
Y	10.	CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE AUTHORITY HAVING JURISDICTION CODES AND BE CONSTRUCTED TO SAME.			
ESS	11.	ALL PAVING, CONSTRUCTION MATERIALS, AND WORKMANSHIP WITHIN RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION SPECIFICATIONS AND STANDARDS (LATEST EDITION) RESPECTIVELY.			
E AND ND	12.	ALL CONCRETE USED ON THE SITE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI IN 28 DAYS, UNLESS OTHERWISE NOTED IN THE PLANS. ALL CONCRETE SIDEWALKS SHALL HAVE CONTROL JOINTS CUT ON 5-FOOT CENTERS AND EXPANSION JOINTS PLACED ON 60-FOOT CENTERS, CHANGES IN DIRECTION, AND ABUTTING SEPARATE POURS. CONTRACTION JOINT SPACING SHALL MATCH WIDTH OF SIDEWALK AND EXPANSION JOINTS ARE REQUIRED AT A MAXIMUM OF 25 FEET, UNLESS OTHERWISE NOTED IN THE PLANS. THIS WOULD MEAN 24 FEET FOR A 6 INCH CURB.			
E		PAVEMENT JOINTS SHALL BE SPACED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND/OR DETAILS.		OCUMENT	
E WITH ED TO NT.	13.	THE CONTRACTOR SHALL ENSURE THAT ALL PLANTING AREAS (INTERIOR ISLANDS, FOUNDATION PLANTING AREAS, ETC.) ARE NOT COMPACTED AND DO NOT CONTAIN LIMEROCK OR OTHER MATERIAL (CLAY, SUBGRADE MATERIAL, MARL, ETC.) WHICH MAY ADVERSELY AFFECT DRAINAGE OF GREEN AREAS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND BACKFILL WITH CLEAN, FREE DRAINING TOPSOIL.	A	PPROVAL	
S AS ED,	14.			E LOCATION	T
ED	15.	IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND ARCHITECT/ENGINEER PRIOR TO EXCAVATION.	STU	IRBRIDGE, MA 01566	
D PER	16.	STRIP TOPSOIL AND ORGANIC MATTER AND PAVING MATERIAL FROM ALL AREAS TO BE IMPERVIOUS. TOPSOIL SHALL BE STOCKPILED ON SITE FOR REPLACEMENT ON SLOPES AND ALL OTHER GREEN AND LANDSCAPE AREAS.	EN	GINEER SEAL	
A TUC	17.	FIELD DENSITY TESTS SHALL BE TAKEN AT FREQUENCY AS REQUIRED IN THE SPECIFICATIONS OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION REGULATORY AGENCY, WHICHEVER IS MORE STRINGENT.	Comments of the second s	ALAN D. ROSCOE CIVIL No. 40163	-
ULD	18.	CONTRACTOR SHALL ENSURE POSITIVE FLOW TO ALL INLETS WITHIN DRAINAGE BASINS TO PRECLUDE PONDED WATER.		Pm Unt	
TANCE	19.	THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO CONTROL SEDIMENT, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS	ALA L	N D. ROSCOE, P.E. ICENSE # 40163 HEET TITLE	
EN D		COMPLETED.		SENERAL NOTES	
RILY			JOB #:		IL.28950
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AINED. R OR				SHEET NO.	

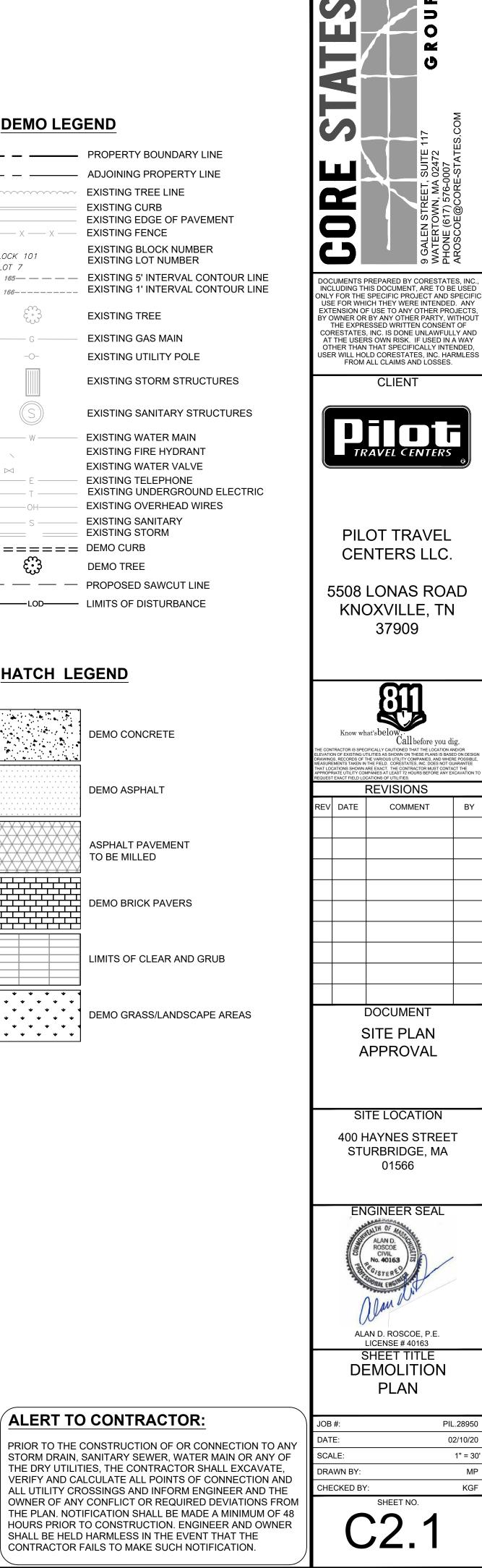
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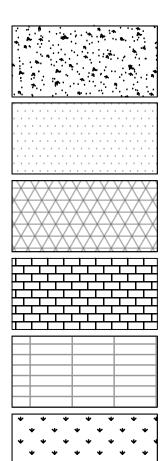
12



DEMO LEGEND

PROPERTY BOUNDARY LINE ADJOINING PROPERTY LINE EXISTING TREE LINE EXISTING CURB EXISTING EDGE OF PAVEMENT — X — EXISTING FENCE EXISTING BLOCK NUMBER EXISTING LOT NUMBER – – – – EXISTING 5' INTERVAL CONTOUR LINE EXISTING TREE EXISTING GAS MAIN EXISTING UTILITY POLE EXISTING STORM STRUCTURES EXISTING SANITARY STRUCTURES EXISTING WATER MAIN EXISTING FIRE HYDRANT - F _____ S _____ _ _ _ _ _ _ LIMITS OF DISTURBANCE

HATCH LEGEND



EXISTING WATER VALVE EXISTING TELEPHONE EXISTING UNDERGROUND ELECTRIC EXISTING OVERHEAD WIRES EXISTING SANITARY EXISTING STORM DEMO TREE PROPOSED SAWCUT LINE

DEMO CONCRETE DEMO ASPHALT

ASPHALT PAVEMENT TO BE MILLED DEMO BRICK PAVERS

ALERT TO CONTRACTOR:

LIMITS OF CLEAR AND GRUB

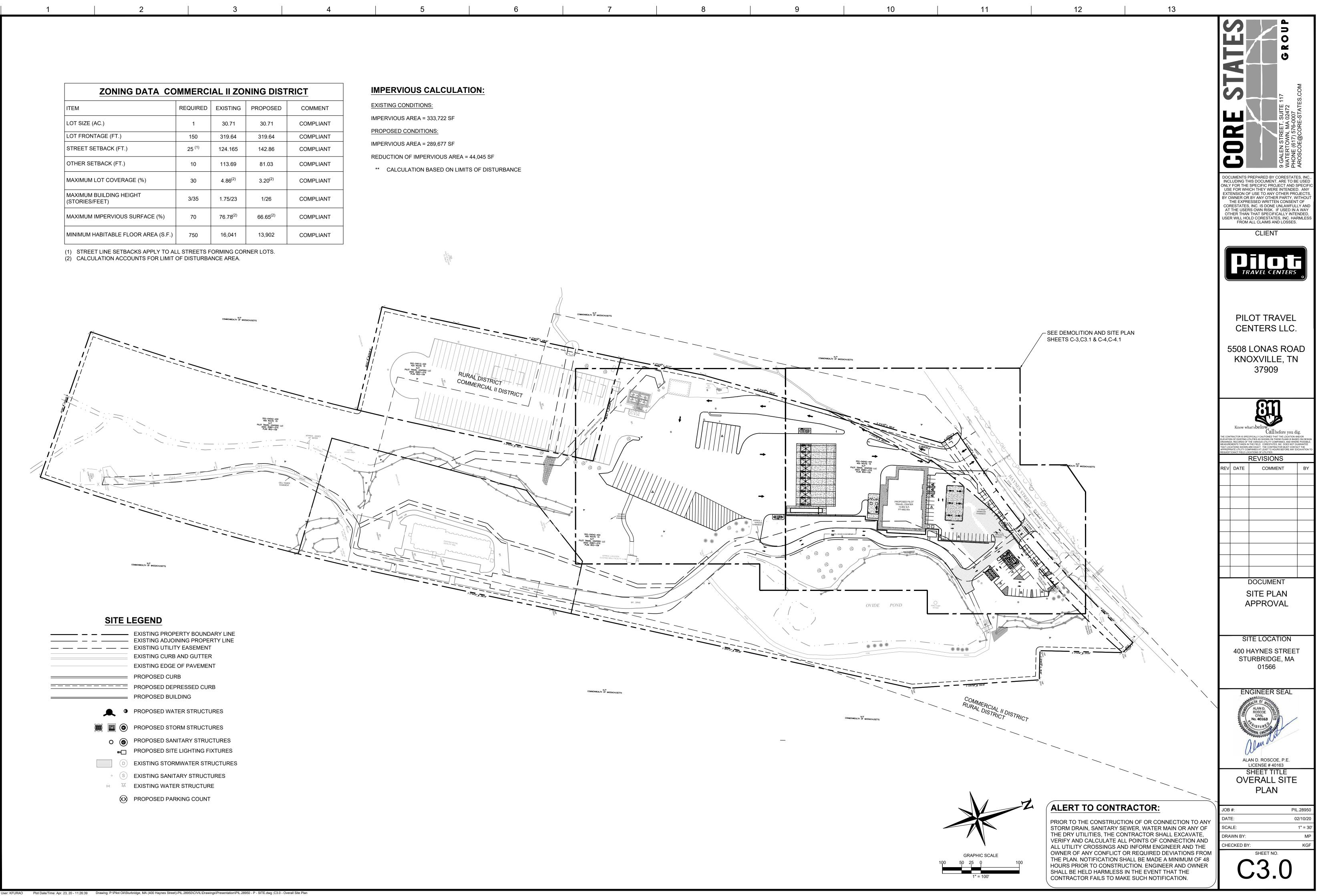
DEMO GRASS/LANDSCAPE AREAS

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ACTOR TO	ć
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5" BELOW - 4,097 SF) 7 LF) ED (TYP.) ER DESIGN	

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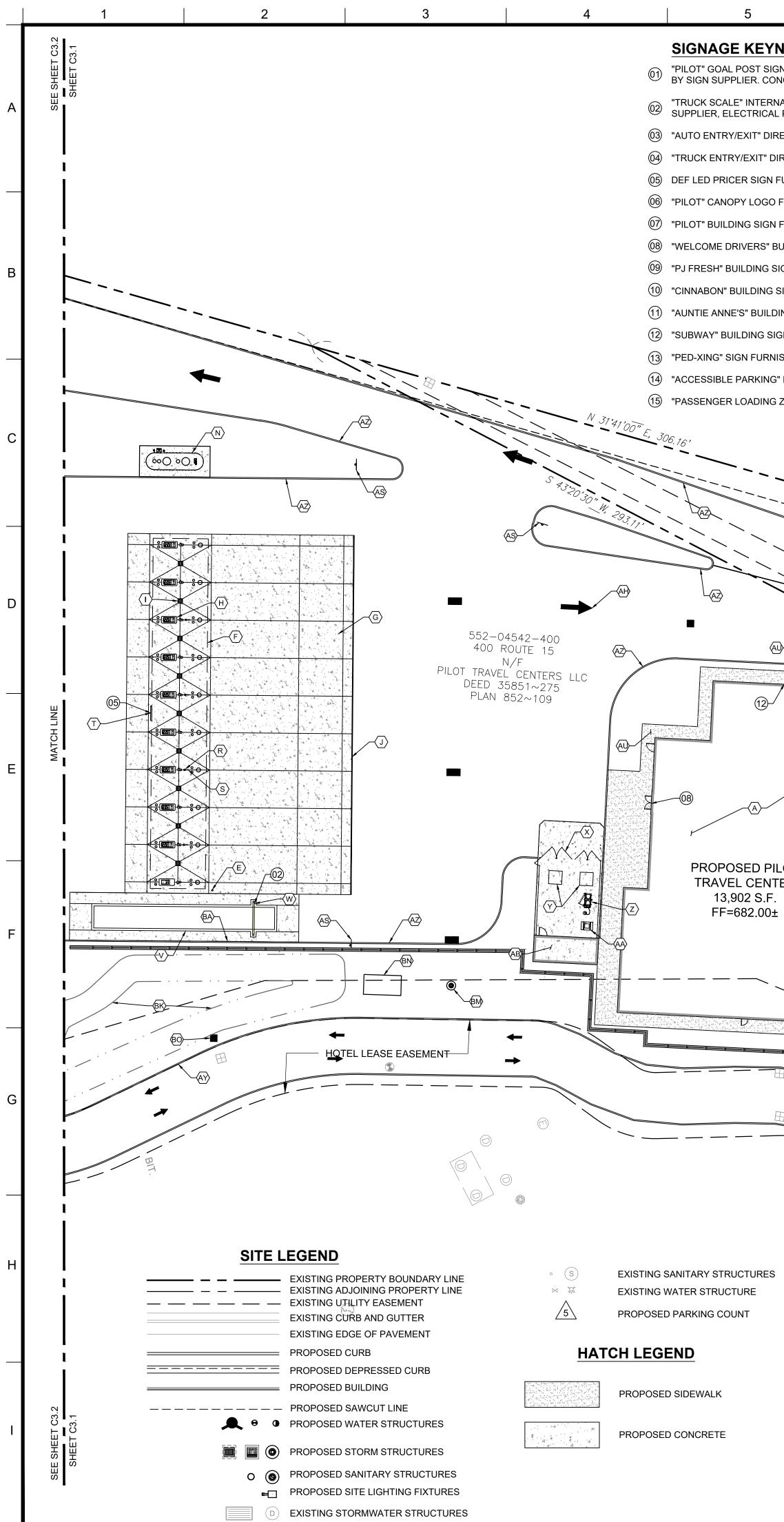
ZONING DATA	COMMERCIAL II ZONING DISTRICT	

			-	-
ITEM	REQUIRED	EXISTING	PROPOSED	COMMENT
LOT SIZE (AC.)	1	30.71	30.71	COMPLIANT
LOT FRONTAGE (FT.)	150	319.64	319.64	COMPLIANT
STREET SETBACK (FT.)	25 ⁽¹⁾	124.165	142.86	COMPLIANT
OTHER SETBACK (FT.)	10	113.69	81.03	COMPLIANT
MAXIMUM LOT COVERAGE (%)	30	4.86 ⁽²⁾	3.20 ⁽²⁾	COMPLIANT
MAXIMUM BUILDING HEIGHT (STORIES/FEET)	3/35	1.75/23	1/26	COMPLIANT
MAXIMUM IMPERVIOUS SURFACE (%)	70	76.78 ⁽²⁾	66.65 ⁽²⁾	COMPLIANT
MINIMUM HABITABLE FLOOR AREA (S.F.)	750	16,041	13,902	COMPLIANT



-	EXISTING PROPERTY BOUNDARY LINE EXISTING ADJOINING PROPERTY LINE EXISTING UTILITY EASEMENT EXISTING CURB AND GUTTER EXISTING EDGE OF PAVEMENT
	PROPOSED CURB
	PROPOSED DEPRESSED CURB
	PROPOSED BUILDING
•	PROPOSED WATER STRUCTURES
	PROPOSED STORM STRUCTURES
0	PROPOSED SANITARY STRUCTURES
	PROPOSED SITE LIGHTING FIXTURES
	EXISTING STORMWATER STRUCTURES
• (S)	EXISTING SANITARY STRUCTURES
	EXISTING WATER STRUCTURE
\otimes	PROPOSED PARKING COUNT

6	7	8	9	10



User: KFURAO Plot Date/Time: Apr. 23, 20 - 11:26:54 Drawing: P:/Pilot Oil/Sturbridge, MA (400 Haynes Street)-PIL.28950/CIVIL/Drawings/Presentation/PIL.28950 - P - SITE.dwg ;C3.1 - Site Plan

INTAKE

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		JPPLIER.		~	KEYED N A. "PILOT" 1	IOTES: 🔊	CENTER BUILD		
AL PROVIDED DIRECTIONAL DIRECTIONAL N FURNISHED O FURNISHED N FURNISHED SIGN FURNIS SIGN FURNIS DING SIGN F SIGN FURNIS SIGN FURNIS SIGN FURNIS SIGN FURNIS	MINATED SIGN FURNISHED AND IN TO SCALE BY CONTRACTOR. SIGN FURNISHED BY OWNER, INS ¹ L SIGN FURNISHED BY OWNER, INS ¹ D BY OWNER, INSTALLED BY SIGN SU D AND INSTALLED BY CANOPY SUF D BY OWNER, INSTALLED BY SIGN GN FURNISHED BY OWNER, INSTA SHED AND INSTALLED BY SIGN SU URNISHED AND INSTALLED BY SIGN SU HED AND INSTALLED BY SIGN SUP INSTALLED BY CONTRACTOR. JNTED SIGNS, FURNISHED AND INS Y" SIGN FURNISHED AND INSTALLE S S S S S S S S S S S S S	TALLED BY SIGN SUPPLIER. (STALLED BY SIGN SUPPLIER. SUPPLIER. ELECTRICAL INST PPLIER. SUPPLIER. LLED BY SIGN SUPPLIER. PPLIER. ELECTRICAL INSTAL JPPLIER. SN SUPPLIER. PLIER. STALLED BY CONTRACTOR. (CONCRETE FOUN . CONCRETE FOU ALLED BY CONTR LED BY CONTRAC	IDATION. NDATION. RACTOR.	CANOPY CONTRA LOCATIC C. 40'-0" X 9 CANOPY DETAILS D. CONCRE TYPICAL FUEL PIF E. FUEL EM CONTRA F. 25'-0" X 1 BY CANO CONTRA I. 25'-0" X 1 CANOPY DETAILS H. CONCRE CONTAIN CONTRA I. PREFABI LOCATIC CONTRA J. 12" WIDE INSTALLI K. TANK #1 DOUBLE- GASOLIN DRAWINA L. TANK #2 PORTION UNLEADI FUEL PIF M. TANK#3, PORTION DIESEL C PIPING D N. EXISTING TO BE IN BY OTHE O. 4,000 GA UNDERG INSTALLI CONTRA Q. 8" REINF	TE ISLAND WITH IN 6 LOCATIONS, PING DRAWINGS E IERGENCY STOP I CTOR. REFER TO 58'-9" TRUCK CAN DPY SUPPLIER. CA CTOR. CONTRAC DNS AND SIZES. 63'-0" 8" REINFOR INSTALLED BY CO TOR. CONTRAC INSTALLED BY CO CTOR. RICATED TRUCK I DNS. SUPPLIED BY CTOR. PAINTED (SAFET ED BY CONTRACT PRODUCT #1 - 20 WALL FIBERGLAS IE, TO BE INSTALL GS BY OTHERS. PRODUCT #2 - 12 NOF A 20,000 GAL ED GASOLINE, TO BE PRODUCT #3 - 8,0 NOF A 20,000 GAL ED GASOLINE, TO BE PRODUCT #3 - 8,0 NOF A 20,000 GAL ED GASOLINE, TO BE PRODUCT #3 - 8,0 NOF A 20,000 GAL ED GASOLINE, TO BE PRODUCT #3 - 8,0 NOF A 20,000 GAL ED GASOLINE, TO BE PRODUCT #3 - 8,0 NOF A 20,000 GAL ED CONTRACT OF A 20,000 GAL ED CONTRACT STALLED BY CON RAWINGS BY OTH ED BY CONTRACT UCTION DETAILS. NK VENT RISER CI	PY FOUNDATIO TOR TO COORD ED CONCRETE F CONTRACTOR. R WITH GAS/AUTC INSTALLED BY BUTTON TO BE IN FUEL PIPING DI AOPY TO BE FUE ANOPY FOUNDA TOR TO COORD RCED CONCRET ONTRACTOR. RI A TRUCK DIESE CAL AT 10 LOCA SLAND CATCH E OWNER AND IN Y YELLOW) PUL TOR. REFER TO D,000 GALLON, 1 SUNDERGROU ED BY CONTRA 2,000 GALLON, 1 SUNDERGROU ED BY CONTRA 2,000 GALLON, 10 INSTALLED BY CONTRA 2,000 GALLON, 10 ILON DOUBLE-W BE INSTALLED BY OTHERS. 00 GALLON DIES ITRACTOR. SEE 21'-11" LONG, S ER SEPARATOR TOR. REFER TO INSTALLED BY CONTRA 21'-11" LONG, S ER SEPARATOR TOR. REFER TO INSTALLED BY CONTRA 21'-11" LONG, S	NS TO BE INSTA INATE FINAL CO PAD FOR AUTO A DEFER TO CONST DIESEL (3 + 1) I CONTRACTOR. F INSTALLED BY RAWINGS BY OT RNISHED AND IN TIONS TO BE INST INATE FINAL CO TE PAD FOR TRU EFER TO CONST L DISPENSER AN TIONS, INSTALLE BASIN TYPICAL 9 ISTALLED BY L FORWARD LIN CONSTRUCTION 0'-0" DIA. X 37'-10 VALL FIBERGLAS BY CONTRACTOR. S SEL EXHAUST FI FUEL PIPING DF INGLE WALL FIB FURNISHED BY OIL/WATER SEP. NSTALLED BY K FARM, INSTAL	ALLED BY DUUMN AUTO TRUCTION DISPENSER REFER TO THERS. ISTALLED STALLED BY DUUMN DCK TRUCTION IC
or PILOT ATER =.)± (0) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1							PAR		NOR NOR
	FIRE PUMP			\diamond	AY/				

	12 13	▲	
R. S.	TRUCK AIR STAND, TYPICAL AT EVERY OTHER TRUCK FUELING ISLAND, SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR. TRUCK FREEZE PROOF WATER STAND TYPICAL AT EVERY OTHER TRUCK FUELING ISLAND FURNISHED BY OWNER AND INSTALLED BY		
T.	CONTRACTOR.	Ů	
U.	SUPPLIER. ELECTRICAL INSTALLED BY CONTRACTOR. CLEAN OUT FOR OIL/WATER SEPARATOR FURNISHED AND INSTALLED BY CONTRACTOR. REFER TO OIL/WATER SEPARATOR		
V.	DETAILS.	S E	STATES.COM
10/	ELECTRICAL, COMMUNICATIONS AND DRAINAGE PROVIDED TO THE SCALE PIT BY CONTRACTOR, COORDINATION TO BE DONE BY CONTRACTOR. "TRUCK SCALE" INTERNALLY SIGN FURNISHED AND INSTALLED BY		RE-STAI
vv. Y	TRUCK SCALE INTERNALLY SIGN FORNISHED AND INSTALLED BY TRUCK SCALE SUPPLIER. CONCRETE FOUNDATION BY TRUCK SCALE SUPPLIER, ELECTRICAL PROVIDED TO SCALE BY CONTRACTOR.	STR STR	8
Χ.	MOUNTED ON REINFORCED CONCRETE PAD WITH PROTECTIVE STEEL BOLLARDS, INSTALLED BY CONTRACTOR (SEE	9 GALEN WATERTO	AROSC
Y.	ARCHITECTURAL DRAWINGS FOR DETAILS). DUMPSTER, FURNISHED AND INSTALLED BY TRASH COMPACTOR SUPPLIER.	DOCUMENTS PREPARED BY CORESTATE INCLUDING THIS DOCUMENT, ARE TO BE ONLY FOR THE SPECIFIC PROJECT AND S	E ÚSED
Z.		USE FOR WHICH THEY WERE INTENDED EXTENSION OF USE TO ANY OTHER PRO BY OWNER OR BY ANY OTHER PARTY, W THE EXPRESSED WRITTEN CONSENT). ANY JECTS, ITHOUT
	A. GREASE CONTAINER, PROVIDED BY OWNER. B. PROPOSED STORAGE SHED, FURNISHED BY OWNER. ELECTRICAL &	CORESTATES, INC. IS DONE UNLAWFULL AT THE USERS OWN RISK. IF USED IN A OTHER THAN THAT SPECIFICALLY INTER	LY AND A WAY NDED,
AC	A/C INSTALL BY CONTRACTOR. C. 6" STEEL PIPE BOLLARD (TYP.) FURNISHED AND INSTALLED BY	USER WILL HOLD CORESTATES, INC. HAF FROM ALL CLAIMS AND LOSSES.	≀MLESS
AD	CONTRACTOR. REFER CONSTRUCTION DETAILS. D. AUTO AIR/VACUUM PROVIDED BY OWNER, ELECTRICAL BY CONTRACTOR, YARD HYDRANT BY CONTRACTOR. REFER TO CONSTRUCTION DETAILS.	CLIENT	
AE	E. 7'0" X 7'0" REINFORCED CONCRETE PAD FOR LOCAL UTILITY ELECTRICAL TRANSFORMER INSTALLED BY CONTRACTOR.		╶┓
	7'0" X 7'0" REINFORCED PAD FOR PILOT TRAVEL CENTER DISTRIBUTION ELECTRICAL INSTALLED BY CONTRACTOR.		0
	6. 4' HIGH GALVANIZED ALUMINUM SPINDLE FENCE FOR PEDESTRIAN SAFETY, FURNISHED AND INSTALLED BY CONTRACTOR.		
AF	I. ALL DIRECTION AND PARKING STRIPING TO BE SAFETY YELLOW-UNLESS NOTED OTHERWISE (TYP.) TO BE INSTALLED BY CONTRACTOR. REFER TO CONSTRUCTION DETAILS.		
AI.	TRAFFIC STRIPING 6" WIDE FURNISHED AND INSTALLED BY CONTRACTOR. REFER TO CONSTRUCTION DETAILS.	PILOT TRAVEL	
	. 10' X 20' PARKING SPACE (TYP.) X. 12' X 72' TRUCK SPACE (TYP)	CENTERS LLC.	
	. 8' X 20' BUILDING ADJACENT ADA PARKING SPACE. REFER TO CONSTRUCTION DETAILS.	5508 LONAS ROA	Ď
	1. 8' WIDE COMPLIANT LOADING AREA. REFER TO CONSTRUCTION DETAILS.	KNOXVILLE, TN	
	I. ADA PARKING SIGNS, MOUNTED ON POLES IN BOLLARDS, FURNISHED AND INSTALLED BY CONTRACTOR. REFER TO CONSTRUCTION DETAILS.	37909	
	D. ADA PARKING PAVEMENT SYMBOL AND LETTER FURNISHED AND INSTALLED BY CONTRACTOR. REFER TO CONSTRUCTION DETAILS. P. EXISTING ABOVEGROUND TANK FARM TO REMAIN.		
	2. 24" WIDE THERMOPLASTIC STRIPE FOR STOP BAR PAINTED ON PAVEMENT INSTALLED BY CONTRACTOR. REFER TO CONSTRUCTION		
	DETAILS. R. STOP SIGN (R1-1). REFER TO CONSTRUCTION DETAILS.	Know what's below.	
	 DO NOT ENTER' SIGN (R5-1). REFER TO CONSTRUCTION DETAILS. DIRECTIONAL TRAFFIC ARROW PAINTED ON PAVEMENT TO BE 	Call before you di the contractor is specifically cautioned that the location an elevation of existing utilities as shown on these phases is a been prawings, records of the various utility companies, and where measurements taken in the field. Correstates, inc. does not gu	ND/OR D ON DESIGN
AL	INSTALLED BY CONTRACTOR. REFER TO CONSTRUCTION DETAILS. J. CONCRETE SIDEWALK INSTALLED BY CONTRACTOR. REFER TO CONSTRUCTION DETAILS.	MEASUREMENTS TAKEN THE FIELD CORESTATES, NO DES NOT DU THAT LOCATIONS SHOWN ARE EXACT. THE CONTRACTOR MUST CONTA APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EX REQUEST EXACT FIELD LOCATIONS OF UTILITIES. REVISIONS	OT THE CAVATION TO
A۷	2. SIDEWALK TURNDOWN AT FRONT OF BUILDING TO BE INSTALLED BY CONTRACTOR. REFER TO CONSTRUCTION DETAILS.	REV DATE COMMENT	BY
	V. ZERO ELEVATION CURB (137 LF) TO BE INSTALLED BY CONTRACTOR.		
	STANDARD DUTY CONCRETE CURB AND GUTTER (XX LF) INSTALLED BY CONTRACTOR. SEE CONSTRUCTION DETAILS.		
AZ	. HEAVY DUTY CONCRETE CURB AND GUTTER (XX LF) INSTALLED BY CONTRACTOR. SEE CONSTRUCTION DETAILS.		
	. VERTICAL CONCRETE CURB (XX LF) TO BE INSTALLED BY CONTRACTOR. REFER TO CONSTRUCTION DETAIL SHEET.		
	9. MASSDOT IMPROVEMENT, SEE MASSDOT SHEETS. 2. HEIGHT BAR AT DRIVEWAY ENTRANCE. INSTALLED BY		
BC	CONTRACTOR. D. RETAINING WALL AND FOUNDATION TO BE INSTALLED BY CONTRACTOR DESERTED TO CONSTRUCTION DETAIL OUTPET		
BE	CONTRACTOR. REFER TO CONSTRUCTION DETAIL SHEET. TRAFFIC STRIPING 4" WIDE PAINTED (SAFETY YELLOW) PARALLEL STRIPES AT 16" O.C. FURNISHED AND INSTALLED BY CONTRACTOR.		
BF	 PROPOSED PROPANE TANK FARM FOR SERVICE THE NEW "PILOT TRAVEL CENTER" BUILDING. 	DOCUMENT	
	6. PROPOSED 3' DIAMETER BOLLARDS. I. EXISTING "DAYS INN" TO REMAIN. CONTRACTOR TO PROTECT IN	SITE PLAN	
BI.	PLACE. PROPOSED FIRE PUMP BUILDING STRUCTURE AND FOUNDATION TO	APPROVAL	
	BE INSTALLED BY CONTRACTOR. . PROPOSED WATER QUALITY BASIN #1. REFER TO UTILITY PLANS.		
۲ BL	 PROPOSED WATER QUALITY BASIN #2. REFER TO UTILITY PLANS. PROPOSED WATER QUALITY BASIN #3 REFER TO UTILITY PLANS. PROPOSED 5' DIAM. DIVERSION MANHOLE. 	SITE LOCATION	
	I. PROPOSED OIL WATER SEPARATOR. REFER TO UTILITY PLANS.	400 HAYNES STREET	Г
		STURBRIDGE, MA 01566	
OF		ENGINEER SEAL	
Q.		ALAN D. ROSCOE	
PRARKING		S CIVIL No. 40163	
. OF		COMMA ENGINE	
		Wan	
	GRAPHIC SCALE	ALAN D. ROSCOE, P.E. LICENSE # 40163	
		SHEET TITLE SITE	
\mathcal{N}	1" = 30'	PLAN	
Ň.	ALERT TO CONTRACTOR:	JOB #: PIL	28950
	PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY		2/10/20

SHEET NO.

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SCALE:

DRAWN BY:

CHECKED BY:

1" = 30'

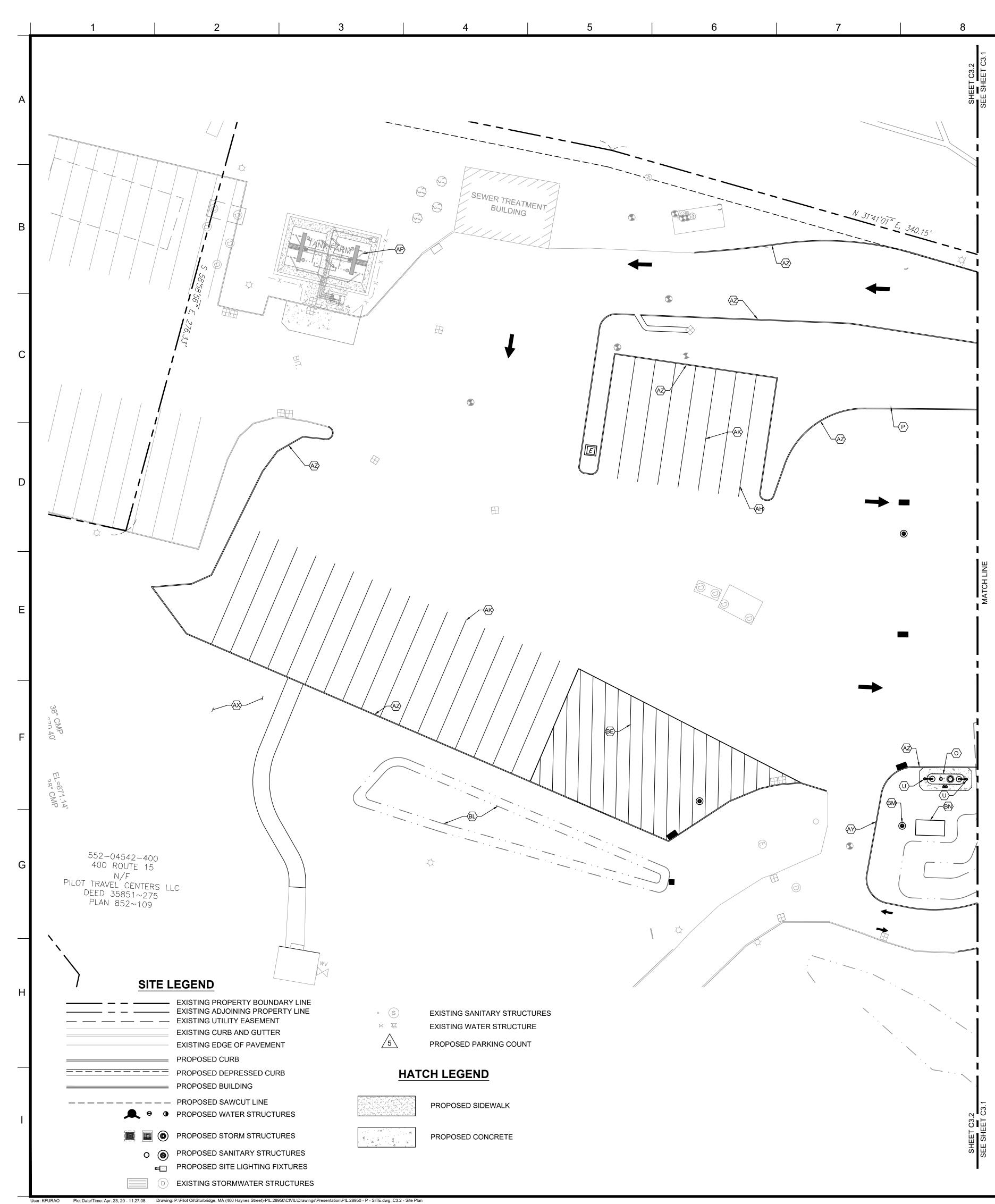
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PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OF THE DRY UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM ENGINEER AND THE OWNER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. ENGINEER AND OWNER SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.

D BY CONTRACTOR. REFER TO BE INSTALLED BY IG DRAWINGS BY OTHERS. FURNISHED AND INSTALLED

- NDATIONS TO BE INSTALLED BY ORDINATE FINAL COLUMN CRETE PAD FOR TRUCK
- . REFER TO CONSTRUCTION ESEL DISPENSER AND
- OCATIONS, INSTALLED BY
- CH BASIN TYPICAL 9 ND INSTALLED BY
- PULL FORWARD LINE TO CONSTRUCTION DETAILS. ON, 10'-0" DIA. X 37'- 8 3/4" LONG GROUND REGULAR UNLEADED NTRACTOR. SEE FUEL PIPING
- ON, 10'-0" DIA. X 37'-10" LONG LE-WALL FIBERGLASS SUPER LED BY CONTRACTOR. SEE
- , 10'-0" DIA. X 37'-10" LONG E-WALL FIBERGLASS AUTO BY CONTRACTOR. SEE FUEL
- DIESEL EXHAUST FLUID TANK, SEE FUEL PIPING DRAWINGS
- IG, SINGLE WALL FIBERGLASS



KEYED NOTES: $\langle x \rangle$

9

A. "PILOT" 13,902 SF TRAVEL CENTER BUILDING. SEE ARCHITECTURAL

10

- DRAWINGS. INSTALLED BY CONTRACTOR.
 B. 43'-0" X 88'-9" AUTO CANOPY TO BE FURNISHED AND INSTALLED BY CANOPY SUPPLIER. CANOPY FOUNDATIONS TO BE INSTALLED BY CONTRACTOR. CONTRACTOR TO COORDINATE FINAL COLUMN LOCATIONS AND SIZES.
- C. 40'-0" X 92" 6" REINFORCED CONCRETE PAD FOR AUTO AUTO CANOPY, INSTALLED BY CONTRACTOR. REFER TO CONSTRUCTION DETAILS.
- D. CONCRETE ISLAND WITH WITH GAS/AUTO DIESEL (3 + 1) DISPENSE TYPICAL IN 6 LOCATIONS, INSTALLED BY CONTRACTOR. REFER TO FUEL PIPING DRAWINGS BY OTHERS.
- E. FUEL EMERGENCY STOP BUTTON TO BE INSTALLED BY
- CONTRACTOR. REFER TO FUEL PIPING DRAWINGS BY OTHERS.
 F. 25'-0" X 158'-9" TRUCK CANOPY TO BE FURNISHED AND INSTALLED BY CANOPY SUPPLIER. CANOPY FOUNDATIONS TO BE INSTALLED E CONTRACTOR. CONTRACTOR TO COORDINATE FINAL COLUMN LOCATIONS AND SIZES.
- G. 38'-0" X 163'-0" 8" REINFORCED CONCRETE PAD FOR TRUCK CANOPY INSTALLED BY CONTRACTOR. REFER TO CONSTRUCTION DETAILS.
- H. CONCRETE ISLAND WITH A TRUCK DIESEL DISPENSER AND CONTAINMENT BOX TYPICAL AT 10 LOCATIONS, INSTALLED BY CONTRACTOR.
- I. PREFABRICATED TRUCK ISLAND CATCH BASIN TYPICAL 9 LOCATIONS. SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR.
- J. 12" WIDE PAINTED (SAFETY YELLOW) PULL FORWARD LINE
- INSTALLED BY CONTRACTOR. REFER TO CONSTRUCTION DETAILS.
 K. TANK #1, PRODUCT #1 20,000 GALLON, 10'-0" DIA. X 37'- 8 3/4" LONG DOUBLE-WALL FIBERGLASS UNDERGROUND REGULAR UNLEADED GASOLINE, TO BE INSTALLED BY CONTRACTOR. SEE FUEL PIPING DRAWINGS BY OTHERS.
- L. TANK #2, PRODUCT #2 12,000 GALLON, 10'-0" DIA. X 37'-10" LONG PORTION OF A 20,000 GALLON DOUBLE-WALL FIBERGLASS SUPER UNLEADED GASOLINE, TO BE INSTALLED BY CONTRACTOR. SEE FUEL PIPING DRAWINGS BY OTHERS.
- M. TANK#3, PRODUCT #3 8,000 GALLON, 10'-0" DIA. X 37'-10" LONG PORTION OF A 20,000 GALLON DOUBLE-WALL FIBERGLASS AUTO DIESEL GASOLINE, TO BE INSTALLED BY CONTRACTOR. SEE FUEL PIPING DRAWINGS BY OTHERS.
- N. EXISTING RELOCATED 8,000 GALLON DIESEL EXHAUST FLUID TANK TO BE INSTALLED BY CONTRACTOR. SEE FUEL PIPING DRAWINGS BY OTHERS.
- O. 4,000 GALLON, 6'-0" DIA. X 21'-11" LONG, SINGLE WALL FIBERGLASS UNDERGROUND OIL/WATER SEPARATOR FURNISHED BY OWNER, INSTALLED BY CONTRACTOR. REFER TO OIL/WATER SEPARATOR CONSTRUCTION DETAILS.
- P. NEW TANK VENT RISER CLUSTER TO BE INSTALLED BY
- CONTRACTOR. Q. 8" REINFORCED CONCRETE SLAB AT TANK FARM, INSTALLED BY
- CONTRACTOR. REFER TO CONSTRUCTION DETAILS.
- R. TRUCK AIR STAND, TYPICAL AT EVERY OTHER TRUCK FUELING ISLAND, SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR.
- S. TRUCK FREEZE PROOF WATER STAND TYPICAL AT EVERY OTHER TRUCK FUELING ISLAND FURNISHED BY OWNER AND INSTALLED B' CONTRACTOR.
- T. DEF LED PRICER SIGN FURNISHED BY OWNER, INSTALLED BY SIGN SUPPLIER. ELECTRICAL INSTALLED BY CONTRACTOR.
 CLEAN OUT FOR OUT MUSTER SERVICE FURNISHED AND
- U. CLEAN OUT FOR OIL/WATER SEPARATOR FURNISHED AND INSTALLED BY CONTRACTOR. REFER TO OIL/WATER SEPARATOR DETAILS.
- V. TRUCK SCALE, CONCRETE TRUCK SCALE PIT AND TRUCK SCALE FURNISHED AND INSTALLED BY TRUCK SCALE SUPPLIER. ELECTRICAL, COMMUNICATIONS AND DRAINAGE PROVIDED TO THI SCALE PIT BY CONTRACTOR, COORDINATION TO BE DONE BY CONTRACTOR.
- W. "TRUCK SCALE" INTERNALLY SIGN FURNISHED AND INSTALLED BY TRUCK SCALE SUPPLIER. CONCRETE FOUNDATION BY TRUCK SCALE SUPPLIER, ELECTRICAL PROVIDED TO SCALE BY CONTRACTOR.
- X. TRASH ENCLOSURE 8' PVC CHAIN LINK FENCE WITH VINYL INSERTS

SIGNAGE KEYNOTES

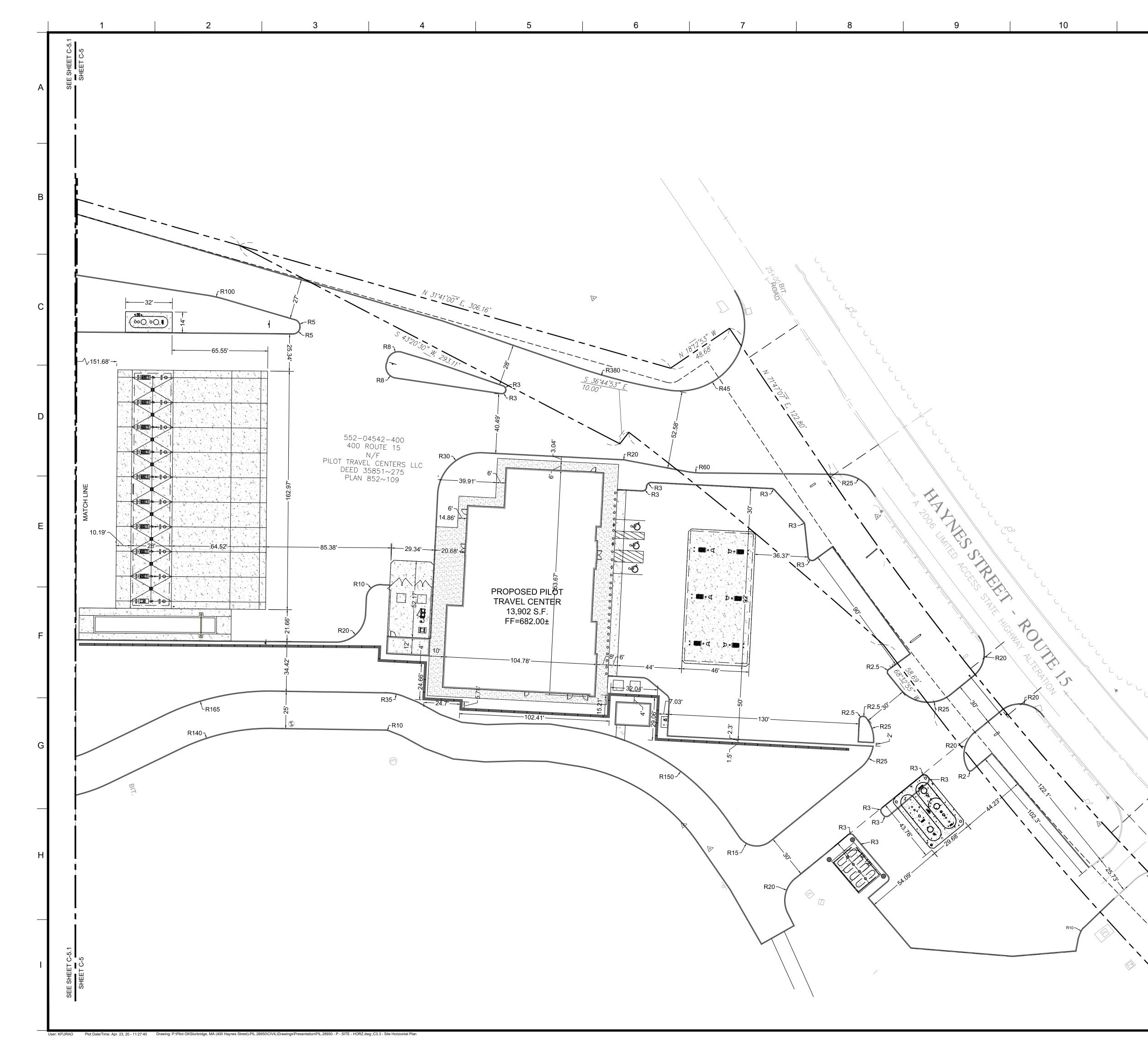
- (1) "PILOT" GOAL POST SIGN FURNISHED BY OWNER, INSTAL BY SIGN SUPPLIER. CONCRETE FOUNDATION INSTALLED
- TRUCK SCALE" INTERNALLY ILLUMINATED SIGN FURNIS
- 02 SUPPLIER, ELECTRICAL PROVIDED TO SCALE BY CONTR
- (03) "AUTO ENTRY/EXIT" DIRECTIONAL SIGN FURNISHED BY
- (04) "TRUCK ENTRY/EXIT" DIRECTIONAL SIGN FURNISHED BY
- (05) DEF LED PRICER SIGN FURNISHED BY OWNER, INSTALLE
- (06) "PILOT" CANOPY LOGO FURNISHED AND INSTALLED BY (
- (07) "PILOT" BUILDING SIGN FURNISHED BY OWNER, INSTALL
- (08) "WELCOME DRIVERS" BUILDING SIGN FURNISHED BY OW
- (0) "PJ FRESH" BUILDING SIGN FURNISHED AND INSTALLED I
- (10) "CINNABON" BUILDING SIGN FURNISHED AND INSTALLED
- (1) "AUNTIE ANNE'S" BUILDING SIGN FURNISHED AND INSTA
- (12) "SUBWAY" BUILDING SIGN FURNISHED AND INSTALLED B
- (13) "PED-XING" SIGN FURNISHED AND INSTALLED BY CONTR
- (14) "ACCESSIBLE PARKING" POLE MOUNTED SIGNS, FURNIS
- (15) "PASSENGER LOADING ZONE ONLY" SIGN FURNISHED AN

GRAPHIC SCALE

		11		12		13		
AL	v	MOUNTED ON REINFORC STEEL BOLLARDS, INSTA ARCHITECTURAL DRAWI DUMPSTER, FURNISHED	LLED BY NGS FOR	CONTRACTOR (SEE DETAILS).			TES	, ROUP
3Y 7	Z.	SUPPLIER. CARDBOARD BAILER OR INSTALLED BY DUMPSTE GREASE CONTAINER, PR	RECYCLE R SUPPLI	E DUMPSTER, FURNISH ER.			Z	ن
DN	AB.	PROPOSED STORAGE SH A/C INSTALL BY CONTRA	HED, FURI CTOR.	NISHED BY OWNER. ELI			2	17 5.COM
SER O		6" STEEL PIPE BOLLARD CONTRACTOR. REFER C AUTO AIR/VACUUM PROV	ÓNSTRUC /IDED BY	CTION DETAILS. OWNER, ELECTRICAL E	BY			9 GALEN STREET, SUITE 117 WATERTOWN, MA 02472 PHONE (617) 576-0007 AROSCOE@CORE-STATES.COM
-	AE.	CONTRACTOR, YARD HY CONSTRUCTION DETAILS 7'0" X 7'0" REINFORCED (S.					REET, S N, MA C 576-000 CORE-4
D) BY	AF.	ELECTRICAL TRANSFORM 7'0" X 7'0" REINFORCED DISTRIBUTION ELECTRIC	PAD FOR	PILOT TRAVEL CENTER	R			EN STF RTOWI COE@
		. 4' HIGH GALVANIZED ALU SAFETY, FURNISHED AN	JMINUM S D INSTALL	PINDLE FENCE FOR PE .ED BY CONTRACTOR.				9 GAL WATE PHON AROS
N	AH.	ALL DIRECTION AND PAR YELLOW-UNLESS NOTED CONTRACTOR. REFER TO	OTHERW	/ISE (TYP.) TO BE INST	ALLED BY		INCLUDING THE	PREPARED BY CORESTATES, INC., HIS DOCUMENT, ARE TO BE USED SPECIFIC PROJECT AND SPECIFIC
		TRAFFIC STRIPING 6" WI CONTRACTOR. REFER TO 10' X 20' PARKING SPACE	O CONSTR		BY		EXTENSION O BY OWNER OF THE EXPR	ICH THEY WERE INTENDED. ANY FUSE TO ANY OTHER PROJECTS, R BY ANY OTHER PARTY, WITHOUT ESSED WRITTEN CONSENT OF S, INC. IS DONE UNLAWFULLY AND
	AK.	12' X 72' TRUCK SPACE (7 8' X 20' BUILDING ADJACE CONSTRUCTION DETAILS	FYP) ENT ADA F	PARKING SPACE. REFE	R TO		AT THE USER OTHER THAN USER WILL HO	RS OWN RISK. IF USED IN A WAY N THAT SPECIFICALLY INTENDED, DLD CORESTATES, INC. HARMLESS ALL CLAIMS AND LOSSES.
S. NG		. 8' WIDE COMPLIANT LOA DETAILS.	DING ARE					CLIENT
D	AN.	ADA PARKING SIGNS, MC FURNISHED AND INSTAL CONSTRUCTION DETAILS	LED BY C					
२	AP.	ADA PARKING PAVEMEN INSTALLED BY CONTRAC EXISTING ABOVEGROUN 24" WIDE THERMOPLAST PAVEMENT INSTALLED B	TOR. REF D TANK F. IC STRIPE	ER TO CONSTRUCTION ARM TO REMAIN. FOR STOP BAR PAINT	N DETAILS. FED ON			RAVEL CENTERS
L		DETAILS. STOP SIGN (R1-1). REFER	R TO CON	STRUCTION DETAILS.				
NK,		'DO NOT ENTER' SIGN (F DIRECTIONAL TRAFFIC A INSTALLED BY CONTRAC	RRÓW PA	INTED ON PAVEMENT	TO BE		PIL	OT TRAVEL
S		CONCRETE SIDEWALK IN CONSTRUCTION DETAILS SIDEWALK TURNDOWN A	S.				CE	NTERS LLC.
3	AW	CONTRACTOR. REFER TO ZERO ELEVATION CURB SEED AND STRAW IN AR	O CONSTF (137 LF) T	RUCTION DETAILS. O BE INSTALLED BY CO				LONAS ROAD OXVILLE, TN
	AY.	STANDARD DUTY CONCE BY CONTRACTOR. SEE C	RETE CUR	B AND GUTTER (XX LF) CTION DETAILS.	,		rxinv	37909
		HEAVY DUTY CONCRETE CONTRACTOR. SEE CON VERTICAL CONCRETE CI	STRUCTIO	ON DETAILS.				
२ BY	BB.	CONTRACTOR. REFER TO MASSDOT IMPROVEMEN HEIGHT BAR AT DRIVEWA	O CONSTI T, SEE MA	RÚCTION DETAIL SHEE ⁻ ASSDOT SHEETS.				ណា
θN		CONTRACTOR. RETAINING WALL AND FO	DUNDATIC	ON TO BE INSTALLED BY			Know wl	hat'sbelow
1		CONTRACTOR. REFER TO TRAFFIC STRIPING 4" WI STRIPES AT 16" O.C. FUR	DE PAINTI RNISHED A	ED (SAFETY YELLOW) F	PARALLEL NTRACTOR.		MEASUREMENTS TAKEN IN	Call before you dig. cifically cautioned that the location and/or the various thirty of the plans is based on design the various unitry companies, and where possible, the field. corestates, inc. does not guarantee are feated the contractor nuist contract the
		PROPOSED PROPANE TA TRAVEL CENTER" BUILDI PROPOSED 3' DIAMETER	NG.		EW "PILOT		REQUEST EXACT FIELD LC	ARE EXACT. THE CONTRACTOR NUST CONTACT THE IMPANES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO ICATIONS OF UTILITIES. REVISIONS
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3Y	BJ.	BE INSTALLED BY CONTR PROPOSED WATER QUA	RACTOR. LITY BASI	N #1. REFER TO UTILIT	Y PLANS.			
TS	BL. BM.	PROPOSED WATER QUA PROPOSED WATER QUA PROPOSED 5' DIAM. DIVE	LITY BASI ERSION M	N #3 REFER TO UTILITY ANHOLE.	Y PLANS.			
		PROPOSED OIL WATER S PROPOSED BASIN OVER			PLANS.			
FALLED		IPPLIER.						
	AND INS	STALLED BY TRUCK SCALE	E SUPPLIE	R. CONCRETE FOUND	ATION BY TRUCK SCAI	LE		DOCUMENT SITE PLAN
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		SUPPLIER.						HAYNES STREET URBRIDGE, MA 01566
		LED BY SIGN SUPPLIER.						
		PPLIER. ELECTRICAL INST	чісер ВҮ	CONTRACTOR.			EN پر	IGINEER SEAL
TALLED	BY SIG	N SUPPLIER.					COMPANY	ALAN D. ROSCOE CIVIL No. 40163
) BY SIG TRACTO		PLIER.					A A A A A A A A A A A A A A A A A A A	STORAL ENGINE
		STALLED BY CONTRACTOR	R. (SEE CI	VIL DETAILS FOR MOUN	NTING INSTRUCTIONS).	l	Dan
AND INS	STALLE	D BY CONTRACTOR.						AN D. ROSCOE, P.E. LICENSE # 40163 SHEET TITLE
								SITE PLAN
				ALERT TO CO			JOB #: DATE:	PIL.28950 02/10/20
				PRIOR TO THE CONSTI STORM DRAIN, SANITA THE DRY UTILITIES, TH	ARY SEWER, WATER M HE CONTRACTOR SHA	IAIN OR ANY OF LL EXCAVATE,	SCALE:	1" = 30' MP
				VERIFY AND CALCULA ALL UTILITY CROSSING OWNER OF ANY CONF	TE ALL POINTS OF CO GS AND INFORM ENGI	NNECTION AND NEER AND THE	CHECKED BY	
				THE PLAN. NOTIFICATI HOURS PRIOR TO CON	ION SHALL BE MADE A NSTRUCTION. ENGINE	MINIMUM OF 48 ER AND OWNER	I С	v 2 0

OWNER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. ENGINEER AND OWNER SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.

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13	Signal Bogo Bogo Bogo Signal Bogo Signal Bogo Bogo Bogo
	PILOT TRAVEL CENTERS LLC. 5508 LONAS ROAD KNOXVILLE, TN 37909
	Know what's below. Call before you dig. The contractor is specifically controle that the uccation among measurements taken in the relation of the second second second measurements taken in the relation contractor whist contract the appropriate utility companies and where Possible. That locations show and second the contractor must contract the appropriate utility companies at least 72 Hours before any excavation to reducest exact field conton of utilities. REVISIONS REV DATE COMMENT BY
	DOCUMENT
	SITE PLAN APPROVAL SITE LOCATION 400 HAYNES STREET STURBRIDGE, MA 01566
Z	ENGINEER SEAL
	SHEET TITLE SITE HORIZONTAL PLAN JOB #: PIL.28950 DATE: 02/10/20 SCALE: 1" = 30'
MAIN OR ANY OF ALL EXCAVATE, ONNECTION AND SINEER AND THE DEVIATIONS FROM A MINIMUM OF 48 EER AND OWNER THAT THE FICATION.	DRAWN BY: MP CHECKED BY: KGF SHEET NO. CHECKED BY: CHECKED BY: CHE

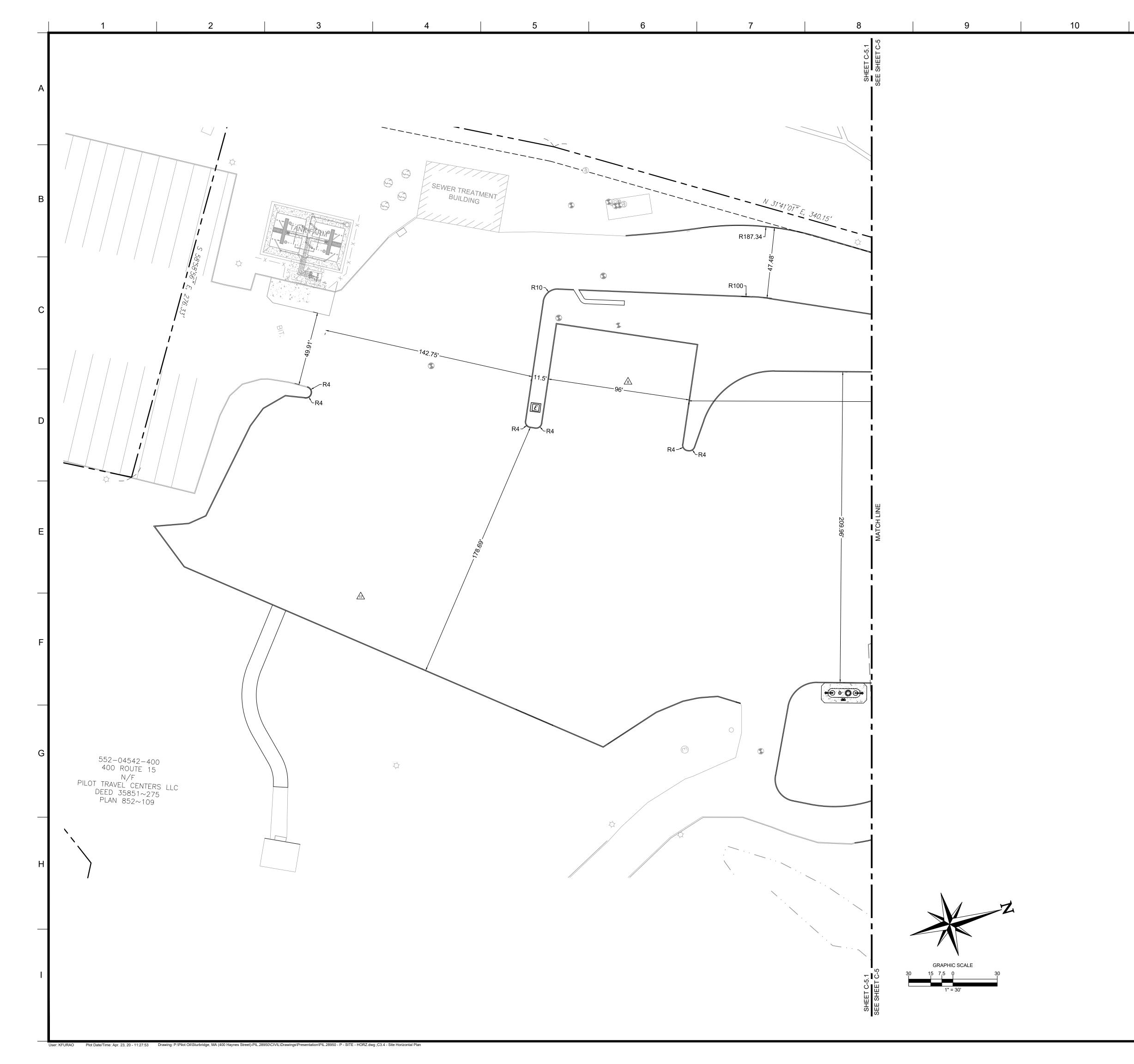
GRAPHIC SCALE 15 7.5 0 1" = 30'

ALERT TO CONTRACTOR:

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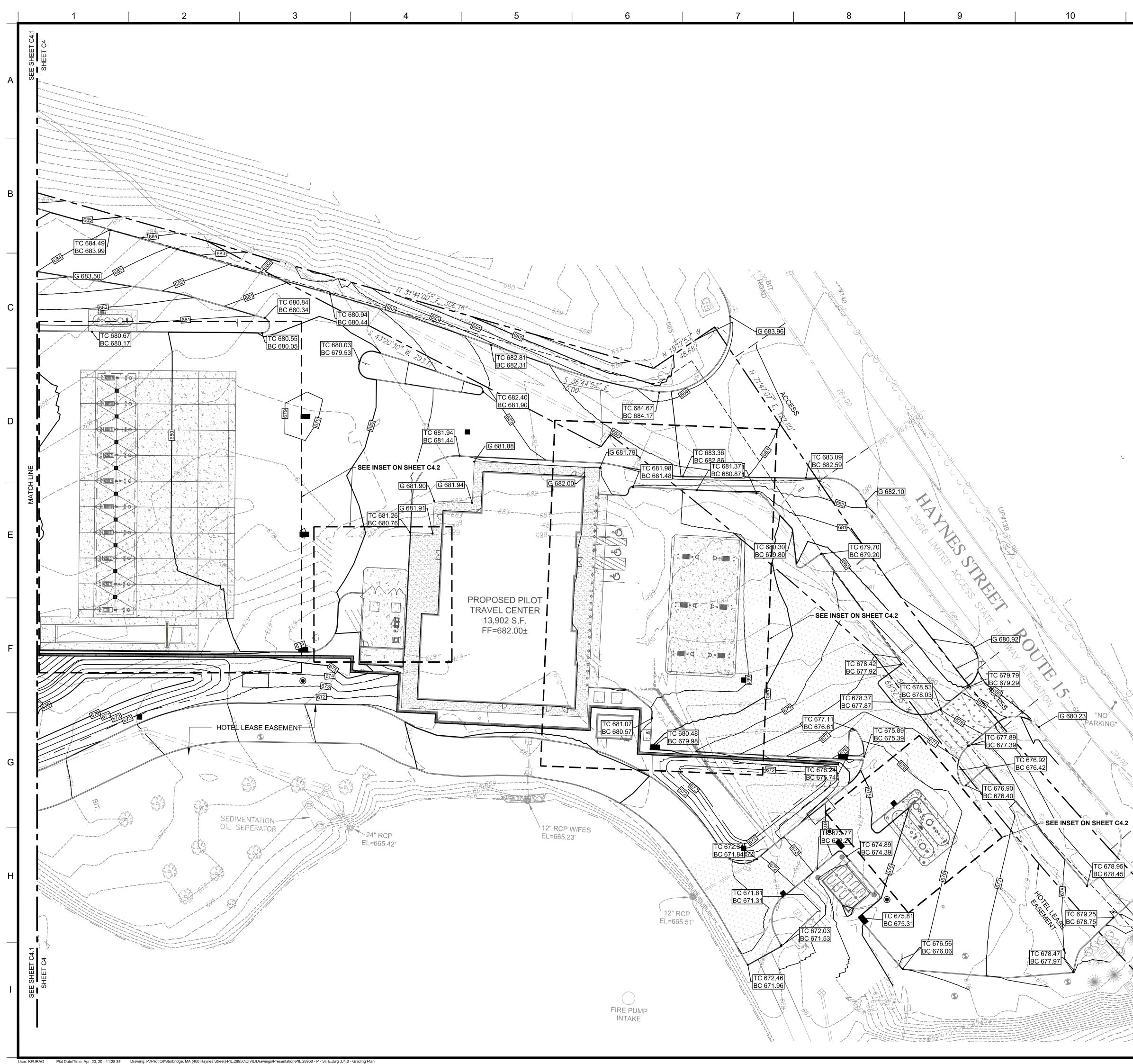
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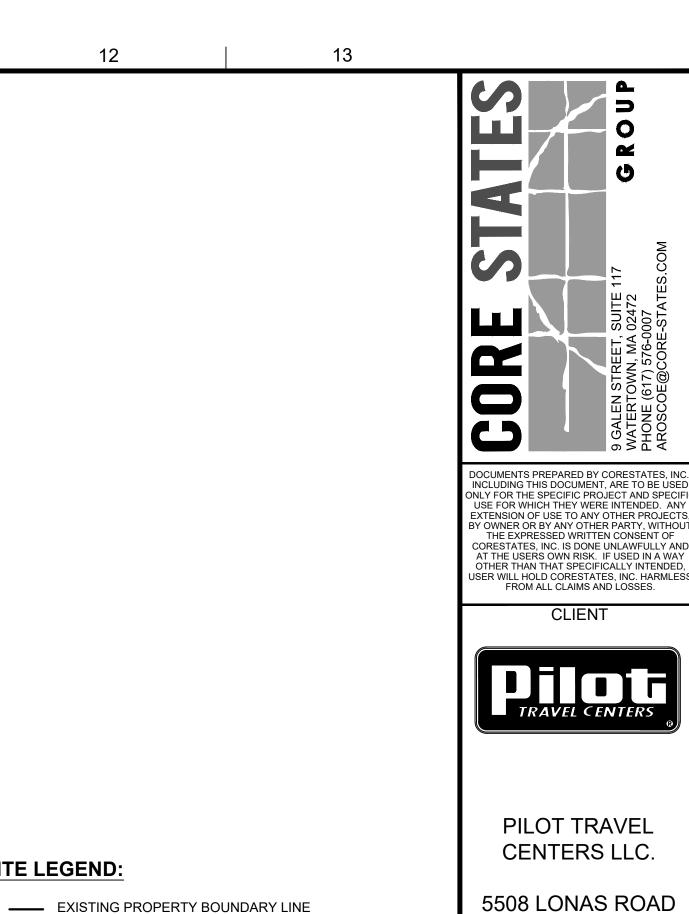
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	S S
	S 2
	REET, SUITE 117 V, MA 02472 576-0007 CORE-STATES.COM
	REET, SUITE N, MA 02472) 576-0007) 576-0007
	GGDR 9 GALEN STREET WATERTOWN, MA PHONE (617) 576- AROSCOE@COR
	DOCUMENTS PREPARED BY CORESTATES, INC INCLUDING THIS DOCUMENT, ARE TO BE USED ONLY FOR THE SPECIFIC PROJECT AND SPECIF USE FOR WHICH THEY WERE INTENDED. ANY EXTENSION OF USE TO ANY OTHER PROJECTS
	BY OWNER OR BY ANY OTHER PARTY, WITHOU THE EXPRESSED WRITTEN CONSENT OF CORESTATES, INC. IS DONE UNLAWFULLY ANI AT THE USERS OWN RISK. IF USED IN A WAY OTHER THAN THAT SPECIFICALLY INTENDED.
	USER WILL HOLD CORESTATES, INC. HARMLES FROM ALL CLAIMS AND LOSSES.
	R
	PILOT TRAVEL CENTERS LLC.
	5508 LONAS ROAD
	KNOXVILLE, TN 37909
	នាា
	Know what's below. Call before you dig.
	THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON DES DRAWINGS, RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBIL MEASUREMENTS TAKEN IN THE FIELD. CORESTATES, INC. DOES NOT GUARANTEE THAT LOCATIONS SHOWN ANE EXACT. THE CONTRACTOR MUST CONTRACT THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION REQUEST EXACT FILED LOCATIONS OF UTILITIES.
	REVISIONS REV DATE COMMENT BY
	DOCUMENT
	SITE PLAN APPROVAL
	SITE LOCATION
	400 HAYNES STREET STURBRIDGE, MA 01566
	ENGINEER SEAL
	ROSCOE CIVIL Plan No. 40163 Colsteres
	allan with
	ALAN D. ROSCOE, P.E. LICENSE # 40163
	SHEET TITLE SITE HORIZONTAL
ALERT TO CONTRACTOR:	PLAN JOB #: PIL.2895
PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OF	JOB #: PIL:2895 DATE: 02/10/2 SCALE: 1" = 3
THE DRY UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM ENGINEER AND THE	DRAWN BY: M CHECKED BY: KG
OWNER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. ENGINEER AND OWNER	SHEET NO.
SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.	しい.4





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9 GALEN WATER1 PHONE

KNOXVILLE, TN

37909

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Call before you dig.

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IN ARE EXACT. THE CONTRACTOR MUST CONTAC COMPANIES AT LEAST 72 HOURS BEFORE ANY EXC

COMMENT

REVISIONS

DOCUMENT

SITE PLAN

APPROVAL

SITE LOCATION

400 HAYNES STREET

STURBRIDGE, MA

01566

ENGINEER SEAL

ALAN D. ROSCOE, P.E. LICENSE # 40163

SHEET TITLE

GRADING

PLAN

SHEET NO.

C4.(

PIL.2895 02/10/20

1" = 30'

MP

KGF

JOB #:

SCALE:

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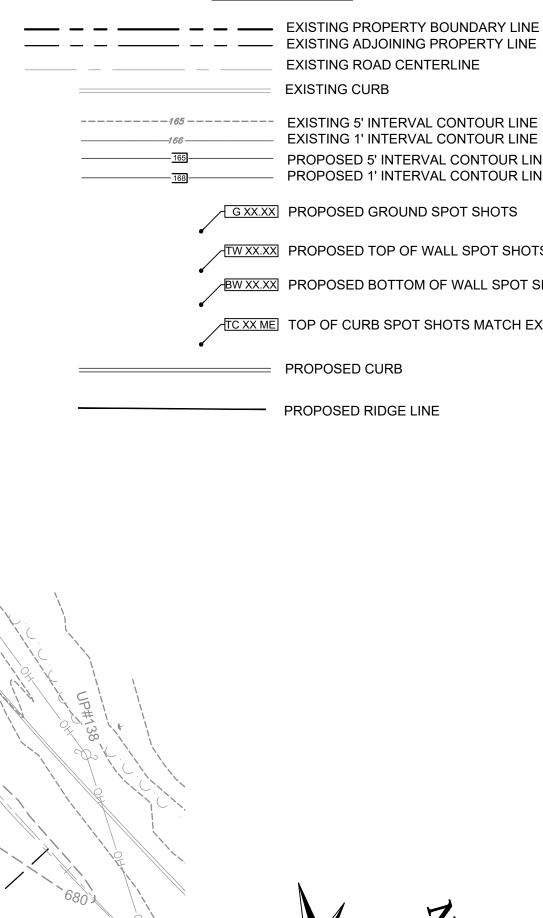
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Know what's below

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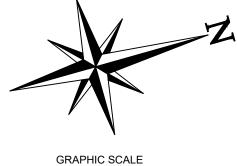
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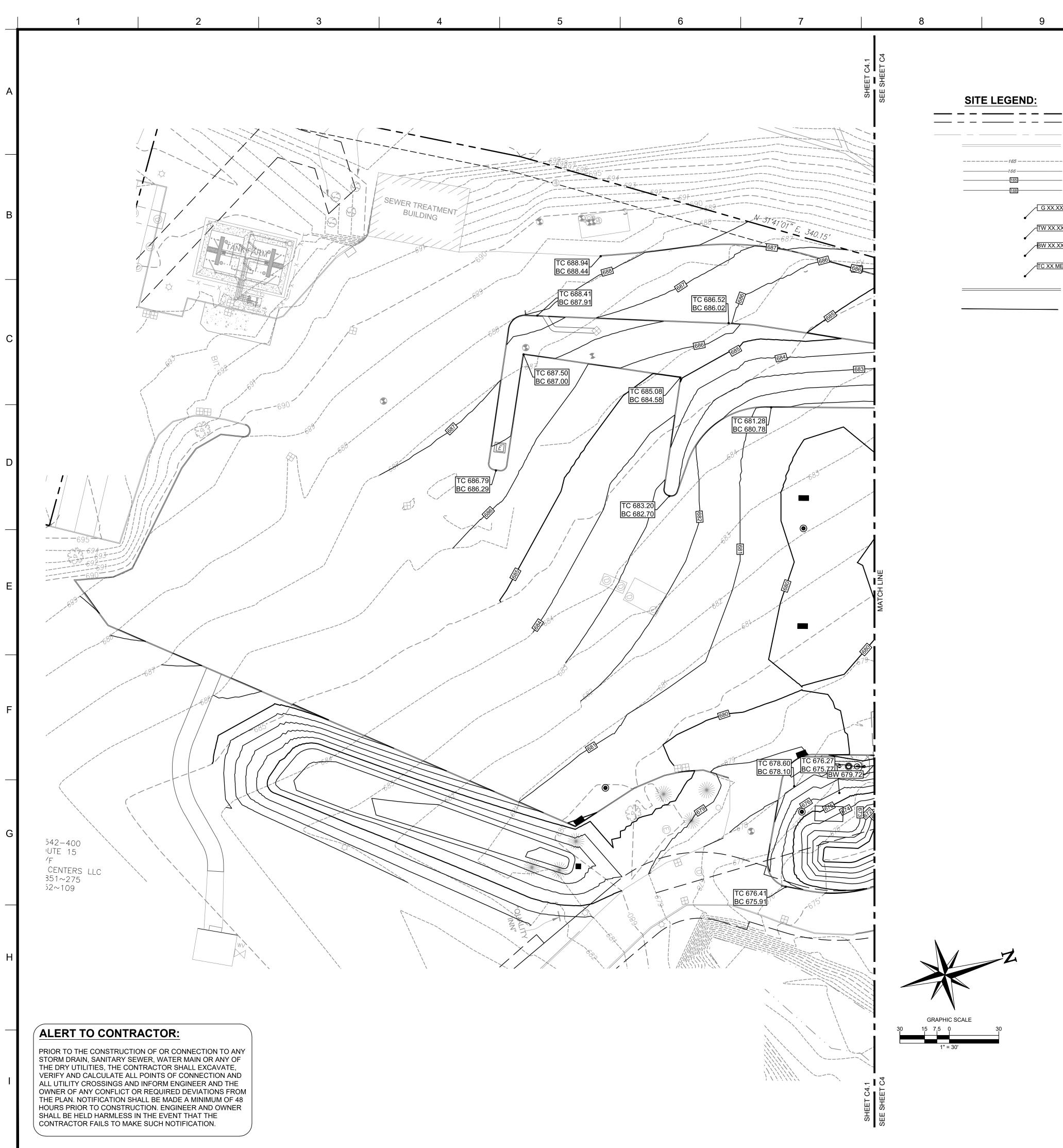
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TC XX ME TOP OF CURB SPOT SHOTS MATCH EXISTING

PROPOSED RIDGE LINE



ALERT TO CONTRACTOR:



Jser: KFURAO

Plot Date/Time: Apr. 23, 20 - 11:28:49 Drawing: P:\Pilot Oil\Sturbridge, MA (400 Haynes Street)-PlL.28950\CIVIL\Drawings\Presentation\PlL.28950 - P - SITE.dwg ;C4.1 - Grading Plan

_ ____ _ _ _ _ EXISTING PROPERTY BOUNDARY LINE _____ _ _ _ EXISTING ADJOINING PROPERTY LINE EXISTING ROAD CENTERLINE EXISTING CURB EXISTING 5' INTERVAL CONTOUR LINE EXISTING 1' INTERVAL CONTOUR LINE PROPOSED 5' INTERVAL CONTOUR LINE PROPOSED 1' INTERVAL CONTOUR LINE G XX.XX PROPOSED GROUND SPOT SHOTS TW XX.XX PROPOSED TOP OF WALL SPOT SHOTS -BW XX.XX PROPOSED BOTTOM OF WALL SPOT SHOTS TC XX ME TOP OF CURB SPOT SHOTS MATCH EXISTING

PROPOSED CURB

PROPOSED RIDGE LINE

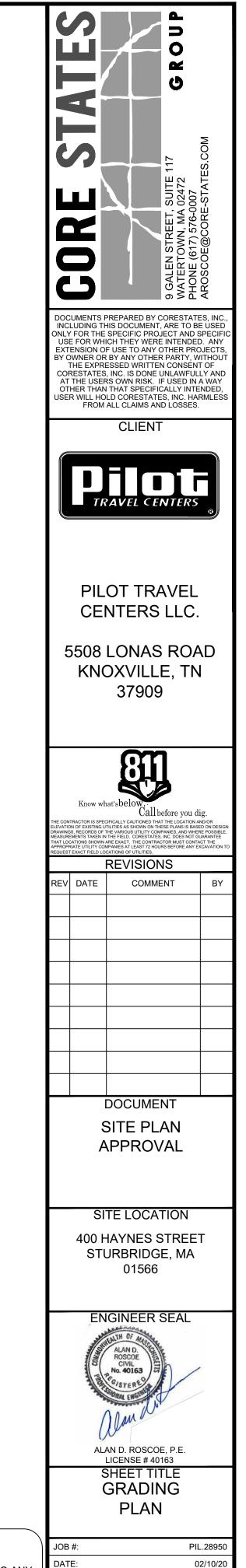
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GRADING NOTES:

1. ALL PAVING AND GRADING CONSTRUCTION MATERIALS AND METHODS SHALL MEET THE STANDARD SPECIFICATIONS AND REQUIREMENTS OF STATEN ISLAND.

12

- 2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY. 3. 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. 4. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE
- NOTED. 5. STORM PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
- PRIOR TO FINAL INSPECTION.
- 6. EXISTING CONTOUR INTERVALS SHOWN AT 1.0 FOOT. 7. PROPOSED CONTOUR INTERVALS SHOWN AT 1.0 FOOT.
- 8. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
- 9. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE. 10. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM
- BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
- 11. TOPOGRAPHIC INFORMATION IS TAKEN FROM A TOPOGRAPHIC SURVEY BY LAND SURVEYORS. IF THE CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY, AT THEIR EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR TO THE OWNER FOR REVIEW.
- 12. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3H:1V OR STEEPER. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
- 13. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME. 14. CONTRACTOR TO MAINTAIN 1.5% MAXIMUM CROSS-SLOPE ON ALL SIDEWALKS AND CROSSWALKS. CONTRACTOR TO MODIFY PAVEMENT GRADES AS NECESSARY TO MAINTAIN MAXIMUM CROSS-SLOPE IN CROSSWALKS.
- 15. CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES WITH 2% MINIMUM SLOPE IN PERVIOUS AREAS AND 1.5% MINIMUM SLOPE IN PAVED AREAS UNLESS OTHERWISE NOTED.



ALERT TO CONTRACTOR:

PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OF THE DRY UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM ENGINEER AND THE OWNER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. ENGINEER AND OWNER SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.

SCALE:

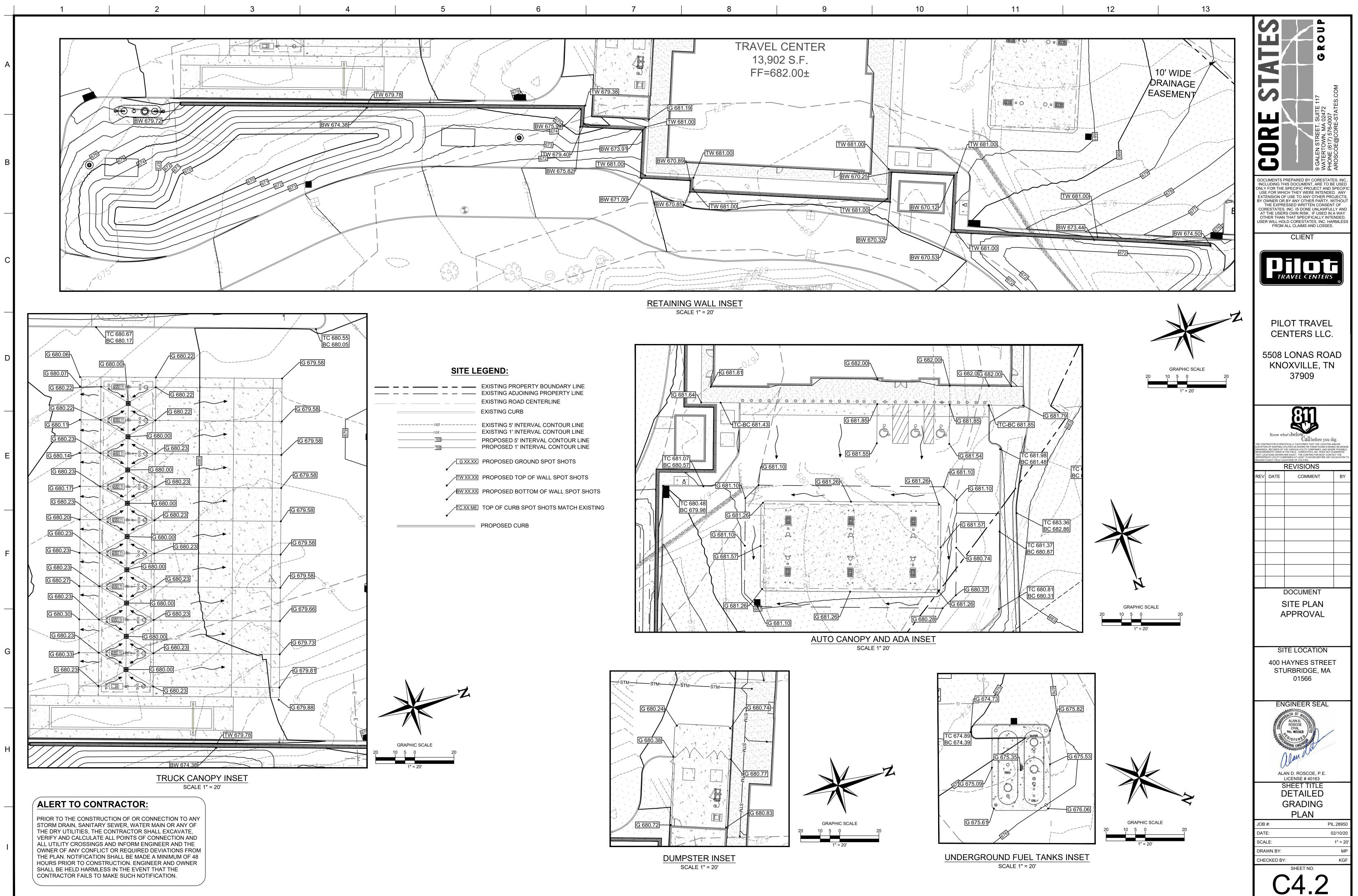
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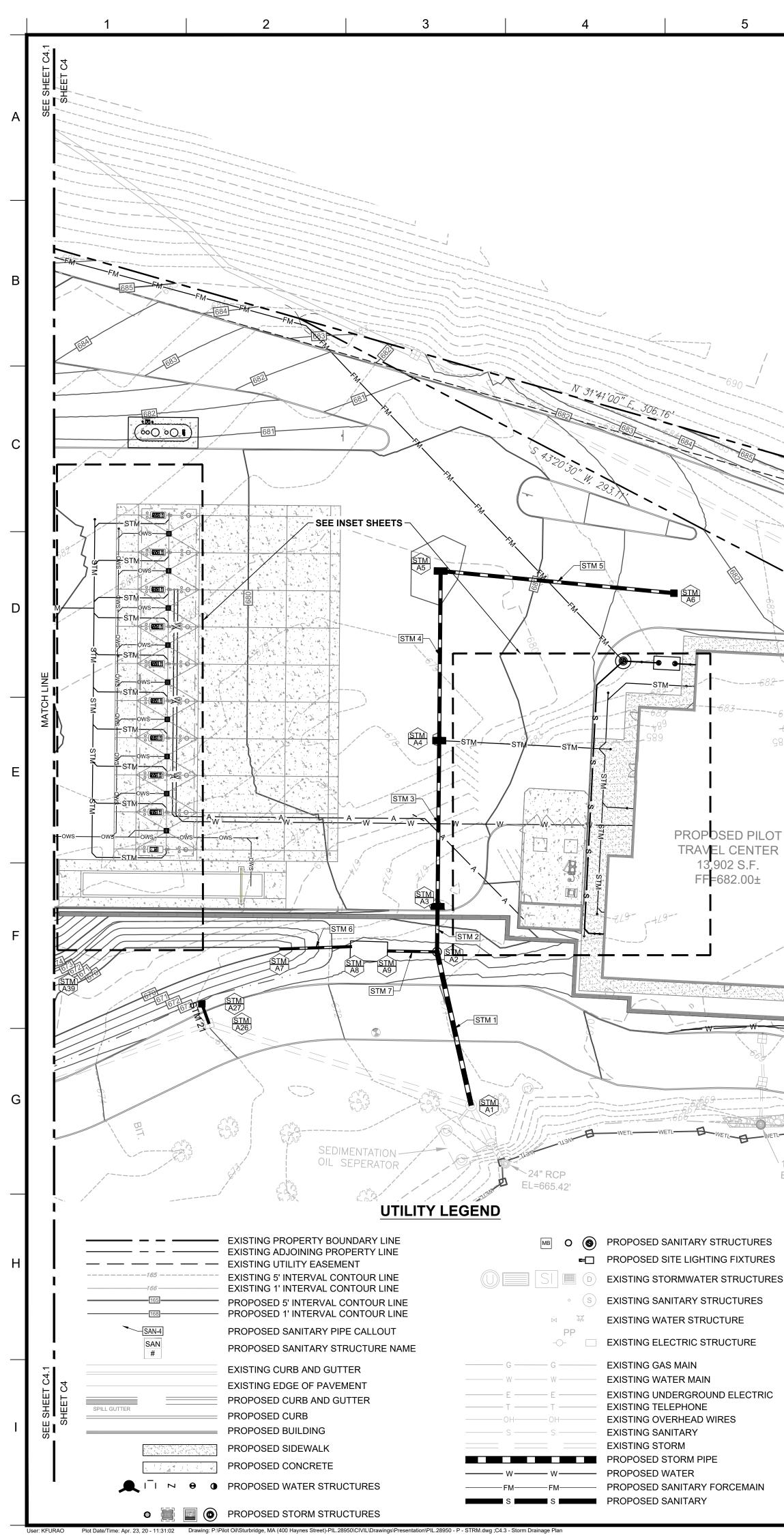
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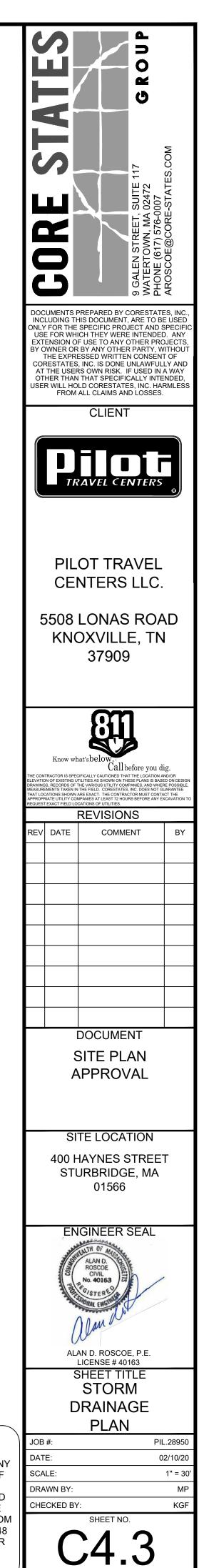


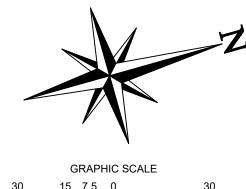
User: KFURAO Plot Date/Time: Apr. 23, 20 - 11:30:03 Drawing: P:\Pilot Oil\Sturbridge, MA (400 Haynes Street)-PIL.28950\CIVIL\Drawings\Presentation\PIL.28950 - P - SITE.dwg ;C4.2 - Detailed Grading Plan

	EXISTING PROPERTY BOUNDARY LINE EXISTING ADJOINING PROPERTY LINE
	EXISTING ROAD CENTERLINE
	EXISTING CURB
	EXISTING 5' INTERVAL CONTOUR LINE EXISTING 1' INTERVAL CONTOUR LINE PROPOSED 5' INTERVAL CONTOUR LINE PROPOSED 1' INTERVAL CONTOUR LINE
G XX.XX	PROPOSED GROUND SPOT SHOTS
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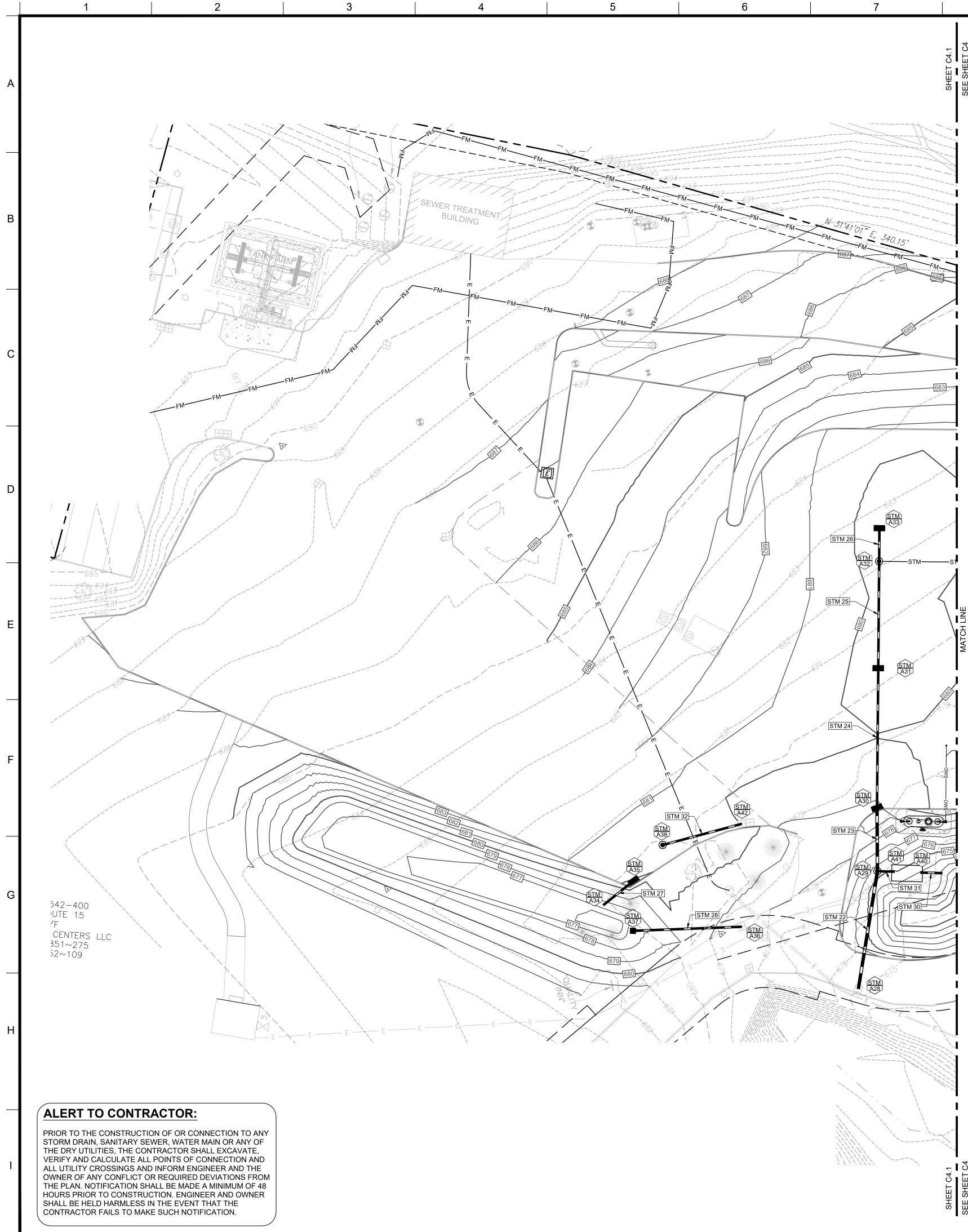


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4/2 M************************************		STRUCTURE NAME			PIPE NAME	PIPE INV			DOWNSTREAM PIPE LENGTH	DOWNSTREAM PIPE SIZE AND TYPE	
								667.22'		24" RC CLASS IV	
No. No. Control No.		A3						670.74'	20.66'	18" RCP CLASS IV	2.50%
		A6	PROPOSED CATCH BASIN	681.58							
Mod Mode					STM 6	670.00'	STM 6	670.25'	32.90'	12" HDPE	0.76%
1 Set Transmission 1 <td1< td=""> 1 1</td1<>		A9	OIL/WATER SEPARATOR INLET	673.46							
Image: construction of the construction of		A10	EXISTING CATCH BASIN	671.39	STM 16	666.85'					
		A11	PROPOSED DIVERSION MANHOLE	674.08	STM 9	671.55'		668.04' 671.55'	59.35' 10.60'	12" HDPE 12" HDPE	2.00% 0.50%
		A12	PROPOSED DOUBLE GRATE CATCH BASIN	674.29			STM 9	671.72'	11.02'	12" HDPE	1.50%
1 1	$\sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{i$										
Anit Producting Sum Forsers Addr (Soft) Mod. Mod.<					STM 15	672.44'					
BH PHOLOGRAMS_SMALEC BL BL UNAL UNAL UNAL UNAL DUTAL S0 HOM SMALLSSAME BL BL S0 HOM SMALLSSAME BL		A18	PROPOSED DOUBLE GRATE CATCH BASIN	675.34			STM 15	672.74'	20.20'	12" HDPE	1.50%
02 199-00 0-10 <th< td=""><td>-688</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	-688										
Are Derivative Provide Statution Provide Statution Provide Statution Are Personal Column Barry Provide Statution Provi	687-) 18 12 5 5 68 V	A21	PROPOSED CATCH BASIN	681.13							
No. Column 1000000000000000000000000000000000000	680 X										
1 1000000000000000000000000000000000000			OIL/WATER SEPARATOR OUTLET	674.22			STM 20	671.75'	6.49'	12" HDPE	3.85%
40 Editivity SATU- EXSIT 17 0 Y42 48/87 17/8 0 Y42 68/87 17/8 0 Y42 68/87 17/8 0 Y42 67/97 65/28 18/87 25/28 25/28 26/28 26/28 26/28 26/28 26/28 26/28 26/28 <th27 28<="" th=""></th27>					STM 21	667.66'	STM 21	667.86'	9.67'	12" HDPF	2.00%
3/2 1000000000000000000000000000000000000				+	STM 22	669.65'	U 1 1 1 2 1				2.007
N N PROPOSIDE DOUBLING MATCH 4000 017.42	Xee.	A29	DIVERSION MANHOLE	675.54	STM 23	673.10'					
A22 PEOPOSE DOULE CARTE CARTO BAUN-0.4 OFRA OFFA OFFA <thoffa< th=""> OFFA</thoffa<>				+							
A31 OUTPOLL 0730 01142 07740 01142 01740 <th0< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th0<>											
ASS PROPOSED DUCAL GRATE CATCH JAGAN 978.66 977.42 077.45 21.69 01.02.00 ASS PROPOSED DUCAL GRATE CATCH JAGAN 978.66 978.02 074.20 074.40 100.20 074.20 074.60 100.20 074.20 074.60 100.20 074.00 100.20 074.00 100.20 074.00 100.20 074.00 100.20 074.00 100.20 074.00 100.20					OTM OF	677.00	STM 26	676.33'	18.40'	12" RCP CLASS III	1.50%
AS7 IPROPOSED RASA COPERION 877.43	SEE INSET SHEETS				31M2/	011.00	STM 27	677.43'	21.56'	12" HDPE	2.00%
					STM 28	674.25'	OTVOC	075 40	00.05	40111005	
					STM 30	673.00'		670.05	40.00	40111005	
					STM 31	673.00'	STM 30	673.25	12.02"		2.08%
ALERT TO CONTRACTOR:	FIRE PUMP INTAKE	S 670-670770 670-670770						PRIOR 1 STORM THE DR VERIFY ALL UTI OWNER	TO THE CONSTI DRAIN, SANITA Y UTILITIES, TH AND CALCULA LITY CROSSING OF ANY CONF	RUCTION OF OR CO RY SEWER, WATE IE CONTRACTOR S TE ALL POINTS OF GS AND INFORM EN LICT OR REQUIRED ON SHALL BE MAD	- ONNECTIC R MAIN OF SHALL EXC CONNEC ⁻ NGINEER A D DEVIATIO





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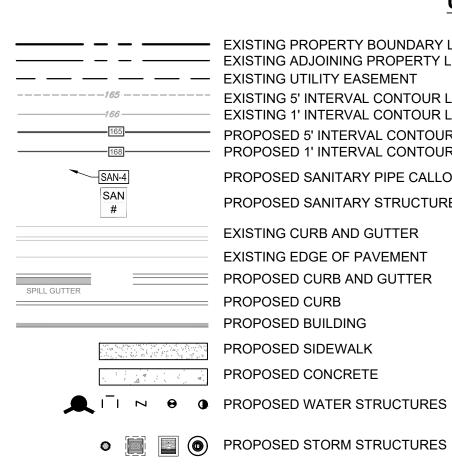


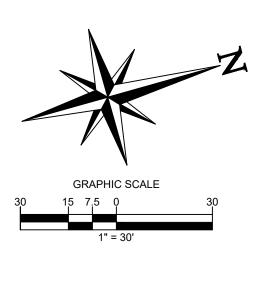
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			STO	RM STRUCTUF	RE TABLE				
STRUCTURE NAME	STRUCTURE TYPE	RIM	UPSTREAM PIPE NAME	UPSTREAM PIPE INV	DOWNSTREAM PIPE NAME	DOWNSTREAM PIPE INV	DOWNSTREAM PIPE LENGTH	DOWNSTREAM PIPE SIZE AND TYPE	DOWNSTREAM PIPE SLOPE
A1	EXISTING MANHOLE	???	STM 1	666.50'					
A2	PROPOSED DIVERSION MANHOLE	673.44	STM 2	670.23'	STM 1 STM 7	667.22' 670.23'	72.07' 22.70'	24" RC CLASS IV 12" HDPE	1.00% 1.00%
A3	PROPOSED DOUBLE GRATE CATCH BASIN	678.95	STM 3	670.74'	STM 2	670.74'	20.66'	18" RCP CLASS IV	2.50%
A4	PROPOSED DOUBLE GRATE CATCH BASIN	678.96	STM 4	672.65'	STM 3	672.65'	76.06'	18" RCP CLASS III	2.50%
A5	PROPOSED DOUBLE GRATE CATCH BASIN	678.76	STM 5	673.81'	STM 4	673.81'	77.63'	18" RCP III	1.50%
A6	PROPOSED CATCH BASIN	681.58			STM 5	676.33'	107.31'	18" RCP III	2.35%
A7	OUTFALL	670.00	STM 6	670.00'					
A8	OIL/WATER SEPARATOR OUTLET	673.85			STM 6	670.25'	32.90'	12" HDPE	0.76%
A9	OIL/WATER SEPARATOR INLET	673.46	STM 7	670.00'					
A10	EXISTING CATCH BASIN	671.39	STM 8 STM 16 STM 17	666.85' 666.85' 667.85'					
A11	PROPOSED DIVERSION MANHOLE	674.08	STM 9	671.55'	STM 8 STM 19	668.04' 671.55'	59.35' 10.60'	12" HDPE 12" HDPE	2.00% 0.50%
A12	PROPOSED DOUBLE GRATE CATCH BASIN	674.29	STM 10 STM 14	671.72' 671.72'	STM 9	671.72'	11.02'	12" HDPE	1.50%
A13	PROPOSED CATCH BASIN	675.41	STM 11	672.39'	STM 10	672.39'	44.59'	12" HDPE	1.50%
A14	PROPOSED DOUBLE GRATE CATCH BASIN	675.84	STM 12 STM 18	673.07' 673.07'	STM 11	673.07'	45.63'	12" HDPE	1.50%
A15	PROPOSED DOUBLE GRATE CATCH BASIN	679.92			STM 12	675.55'	123.97'	12" HDPE	2.00%
A17	48" DIA MANHOLE	675.10	STM 15	672.44'	STM 14	672.44'	47 <u>.</u> 92'	12" HDPE	1.50%
A18	PROPOSED DOUBLE GRATE CATCH BASIN	675.34			STM 15	672.74'	20.20'	12" HDPE	1.50%
A19	PROPOSED CATCH BASIN	671.43			STM 16	667.59'	29.70'	12" HDPE	2.50%
A20	PROPOSED BASIN OVERFLOW	672.90			STM 17	668.10'	12.47'	12" HDPE	2.00%
A21	PROPOSED CATCH BASIN	681.13			STM 18	677.08'	82.66'	12" HDPE	4.85%
A22	OIL/WATER SEPARATOR INLET	673.88	STM 19	671.50'					
A24	OUTFALL	672.62	STM 20	671.50'					
A25	OIL/WATER SEPARATOR OUTLET	674.22			STM 20	671.75'	6.49'	12" HDPE	3.85%
A26	EXISTING CATCH BASIN	672.98	STM 21	667.66'					
A27	PROPOSED BASIN OVERFLOW	673.12			STM 21	667.86'	9.67'	12" HDPE	2.00%
A28	EXISTING CATCH BASIN	???	STM 22	669.65'					
A29	DIVERSION MANHOLE	675.54	STM 23	673.10'	STM 22 STM 31	671.30' 673.10'	66.05' 9.54'	18" HDPE 12" HDPE	2.50% 1.00%
A30	PROPOSED DOUBLE GRATE CATCH BASIN	678.88	STM 24	674.12'	STM 23	673.62'	35.13'	18" HDPE	1.50%
A31	PROPOSED DOUBLE GRATE CATCH BASIN	679.45	STM 25	675.28'	STM 24	675.28'	77.43'	12" RCP CLASS III	1.50%
A32	PROPOSED 48" DIA MANHOLE	679.63	STM 26	676.05'	STM 25	676.05'	59.22'	12" RCP CLASS III	1.29%
A33	PROPOSED DOUBLE GRATE CATCH BASIN	679.45			STM 26	676.33'	18.40'	12" RCP CLASS III	1.50%
A34	OUTFALL	677.53	STM 27	677.00'					
A35	PROPOSED DOUBLE GRATE CATCH BASIN	679.96			STM 27	677.43'	21.56'	12" HDPE	2.00%
A36	EXISITNG INLET	???	STM 28	674.25'					
A37	PROPOSED BASIN OVERFLOW	677.43			STM 28	675.46'	60.35'	12" HDPE	2.00%
A38	PROPOSED DOGHOUSE MANHOLE	680.32			STM 32	673.75'	45.42'	12" HDPE	2.75%
A39	OUTFALL	672.84	STM 30	673.00'					
A40	OIL/WATER SEPARATOR OUTLET	673.94			STM 30	673.25'	12.02'	12" HDPE	2.08%
A41	OIL/WATER SEPARATOR INLET	674.93	STM 31	673 <u>.</u> 00'					
A42	EXISTING INLET	679.95	STM 32	672.50'					

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S D 0 2 U - - (5 OR **'** DOCUMENTS PREPARED BY CORESTATES, INC INCLUDING THIS DOCUMENT, ARE TO BE USED ONLY FOR THE SPECIFIC PROJECT AND SPECIF USE FOR WHICH THEY WERE INTENDED. ANY EXTENSION OF USE TO ANY OTHER PROJECTS BY OWNER OR BY ANY OTHER PARTY, WITHOU THE EXPRESSED WRITTEN CONSENT OF CORESTATES, INC. IS DONE UNLAWFULLY AND AT THE USERS OWN RISK. IF USED IN A WAY OTHER THAN THAT SPECIFICALLY INTENDED, USER WILL HOLD CORESTATES, INC. HARMLES FROM ALL CLAIMS AND LOSSES. CLIENT TRAVEL CENTERS PILOT TRAVEL CENTERS LLC. 5508 LONAS ROAD KNOXVILLE, TN 37909 Know what'sbe Call before you dig. WN ARE EXACT. THE CONTRACTOR MUST CO COMPANIES AT LEAST 72 HOURS BEFORE AN REVISIONS COMMENT DOCUMENT SITE PLAN APPROVAL SITE LOCATION 400 HAYNES STREET STURBRIDGE, MA 01566 ENGINEER SEAL ALAN D. ROSCOE, P.E. LICENSE # 40163 SHEET TITLE STORM DRAINAGE PLAN JOB #: PIL.2895 02/10/20 DATE SCALE: 1" = 30' DRAWN BY: MP CHECKED BY: KGF SHEET NO.

C4.3

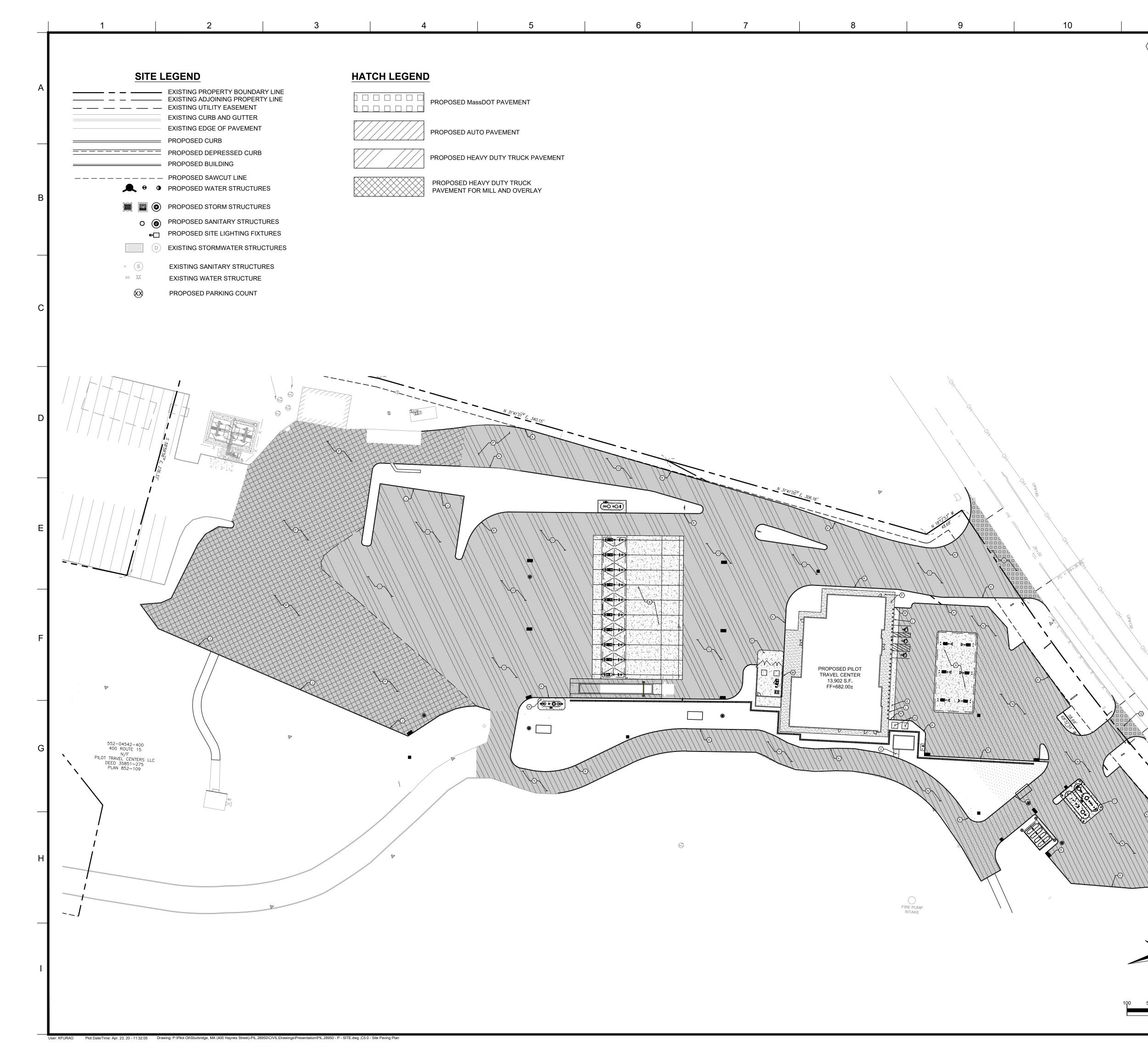
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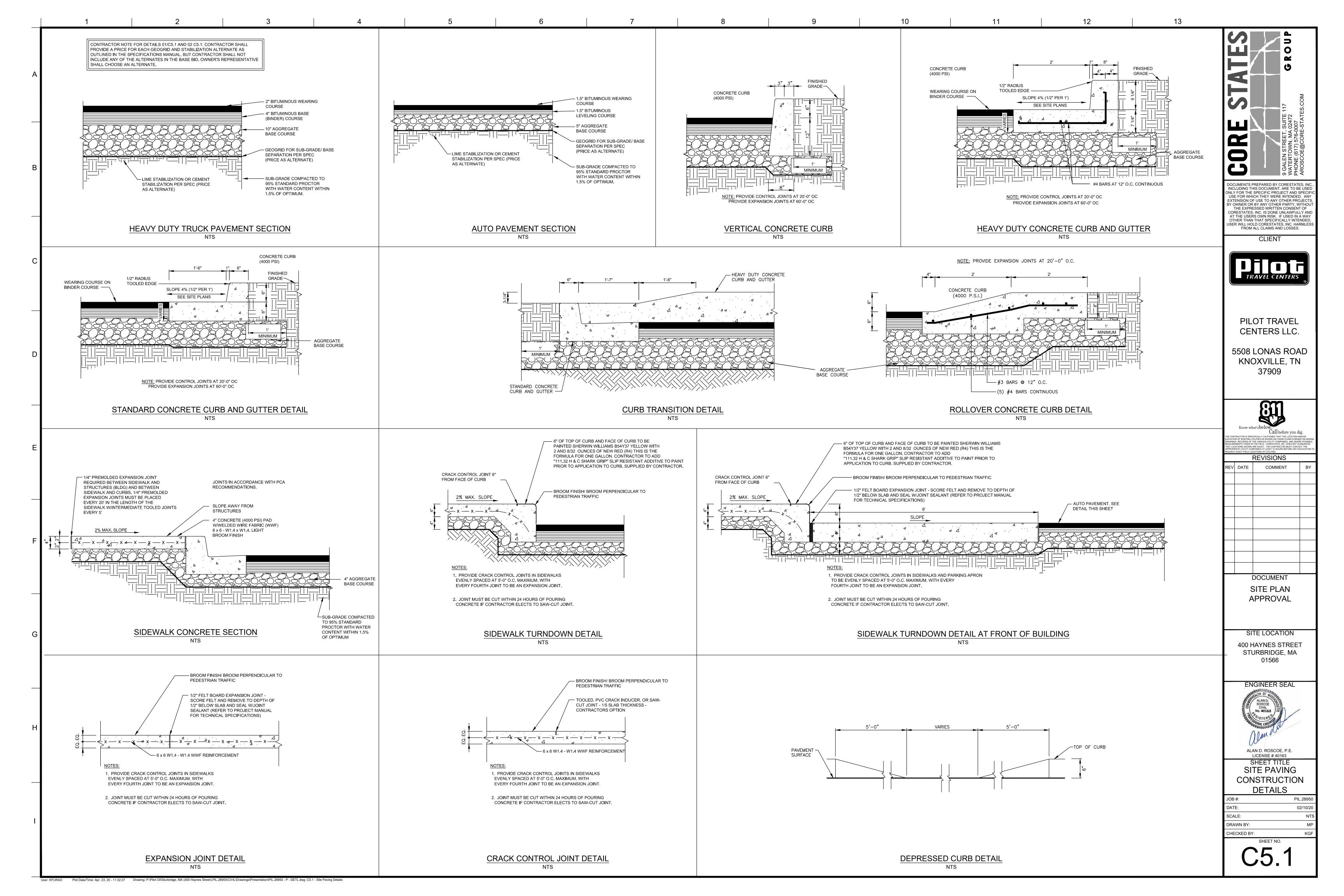
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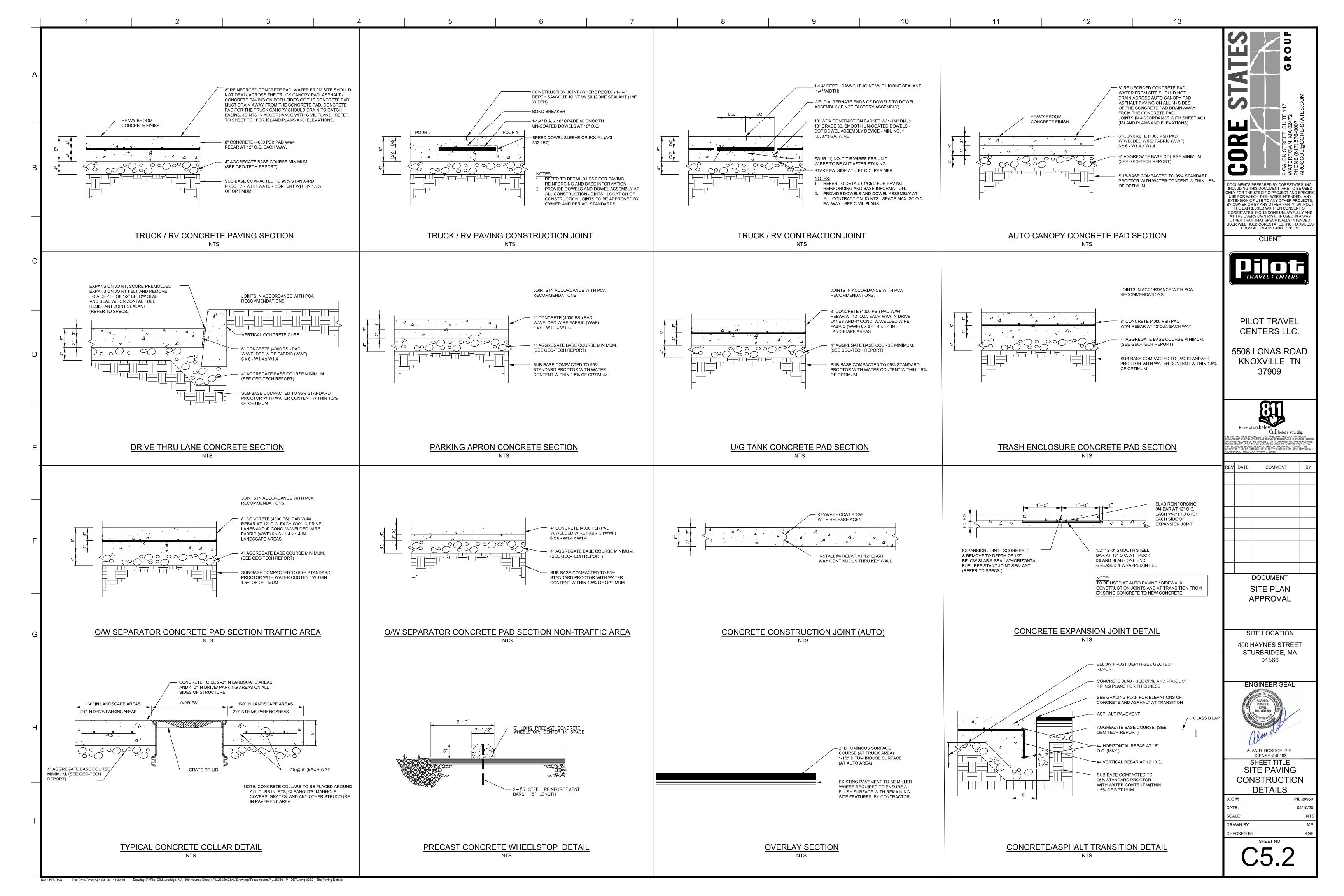
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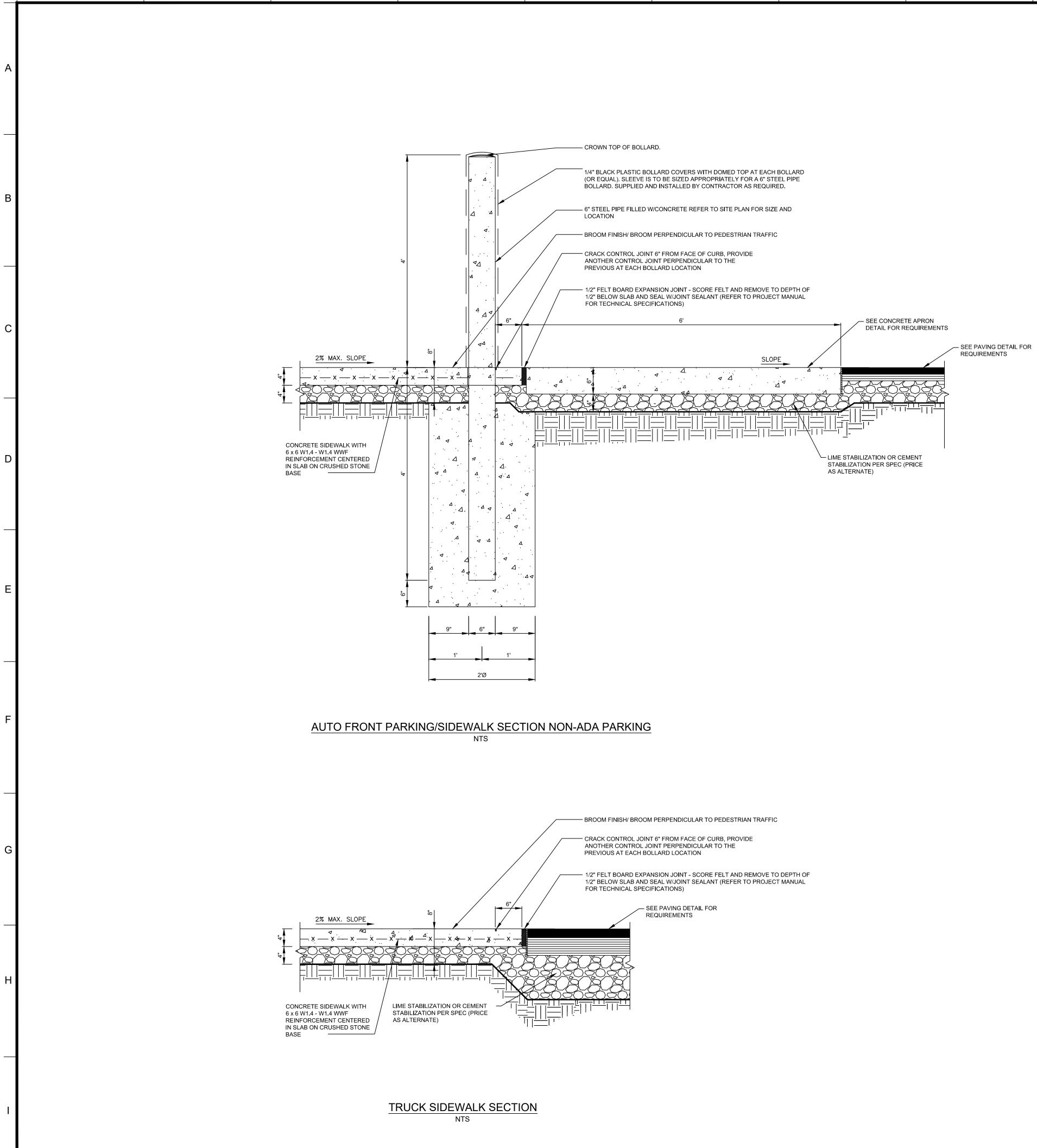
ALERT TO CONTRACTOR:



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\smile	(ED NOTES: 6" REINFORCED CONCRETE PAD FOR AUTO CANOPY. WATER FROM SITE SHOULD NOT DRAIN ACROSS THE CONCRETE PAD FOR THE AUTO CANOPY. ASPHALT PAVING ON ALL (4) SIDES OF THE CONCRETE PAD SHOULD DRAIN AWAY FROM CONCRETE PAD. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS, INSTALLED BY CONTRACTOR.	GROUP
В.	8" REINFORCED CONCRETE PAD FOR TRUCK CANOPY. WATER FROM SITE SHOULD NOT DRAIN ACROSS THE CONCRETE PAD FOR THE TRUCK CANOPY. ASPHALT PAVING ON BOTH SIDES OF THE CONCRETE PAD SHOULD DRAIN AWAY FROM CONCRETE PAD. CONCRETE PAD FOR THE TRUCK CANOPY MUST DRAIN TO CATCH BASIN. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR.	STR 117 22 VTES.COM
C.	8" REINFORCED CONCRETE PAD AT TANK FARM. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR.	ET, SUIT MA 0247 ORE-STA
D.	8" REINFORCED CONCRETE PAD TRASH ENCLOSURE. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR.	EN STRE RTOWN, COE@CC
E.	6" REINFORCED CONCRETE PARKING APRON AT PARKING SPACES IN FRONT OF BUILDING. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR.	9 GALE WATER PHONE AROSC
F.	4" REINFORCED CONCRETE SIDEWALK. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR.	DOCUMENTS PREPARED BY CORESTATES, INC., INCLUDING THIS DOCUMENT, ARE TO BE USED ONLY FOR THE SPECIFIC PROJECT AND SPECIFIC USE FOR WHICH THEY WERE INTENDED. ANY EXTENSION OF USE TO ANY OTHER PROJECTS,
G.	6" REINFORCED CONCRETE PAD FOR ELECTRICAL TRANSFORMER. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR SIZE AND REINFORCING REQUIREMENTS. INSTALLED BY CONTRACTOR.	BY OWNER OR BY ANY OTHER PARTY, WITHOUT THE EXPRESSED WRITTEN CONSENT OF CORESTATES, INC. IS DONE UNLAWFULLY AND AT THE USERS OWN RISK. IF USED IN A WAY OTHER THAN THAT SPECIFICALLY INTENDED, USER WILL HOLD CORESTATES, INC. HARMLESS
Н.	8" REINFORCED CONCRETE PAD OWS TANK. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR.	FROM ALL CLAIMS AND LOSSES.
I.	6" REINFORCED CONCRETE PAD FOR WATER TREATMENT SHED. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR.	
J.	HEAVY DUTY CURB AND GUTTER. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR. REFER TO SHEET C XX FOR DETAILS.	TRAVEL CENTERS
K.	STANDARD DUTY CURB AND GUTTER. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR. REFER TO SHEET C XX FOR DETAILS.	
L.	ZERO ELEVATION CURB. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR. REFER TO SHEET C XX FOR DETAILS.	PILOT TRAVEL CENTERS LLC.
М.	VERTICAL CONCRETE CURB. SEE SECTIONS AND DETAILS FOR SPECIFICATIONS. INSTALLED BY CONTRACTOR. REFER TO SHEET C XX FOR DETAILS.	5508 LONAS ROAD KNOXVILLE, TN
N.	AUTO PAVEMENT ASPHALT SECTION (± XXXXX SF). REFER TO SHEET CXX FOR DETAILS.	37909
Ο.	HEAVY DUTY PAVEMENT ASPHALT SECTION (\pm XXXX SF). REFER TO SHEET CXX FOR DETAILS.	
Ρ.	HEAVY DUTY PAVEMENT ASPHALT SECTION FOR MILL AND OVERLAY (± XXXX SF).	
Q.	MassDOT PAVEMENT ASPHALT SECTION (± XXXXX SF). REFER TO SHEET CXX FOR DETAILS.	Know what's below, . Call before you dig. The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these trans is based on design
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		DOCUMENT
		SITE PLAN APPROVAL
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		ENGINEER SEAL
		ALAN D. ROSCOE, P.E.
N		SHEET TITLE SITE PAVING PLAN
	ALERT TO CONTRACTOR:	JOB #: PIL.28950
A	PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OF THE DRY UTILITIES, THE CONTRACTOR SHALL EXCAVATE,	DATE: 02/10/20 SCALE: 1" = 30' DRAWN BY: MP
GRAPHIC S	SCALE VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM ENGINEER AND THE OWNER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM	CHECKED BY: KGF SHEET NO.
50 25 0 1" = 10	100 THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. ENGINEER AND OWNER SHALL BE HELD HARMLESS IN THE EVENT THAT THE	C5.0

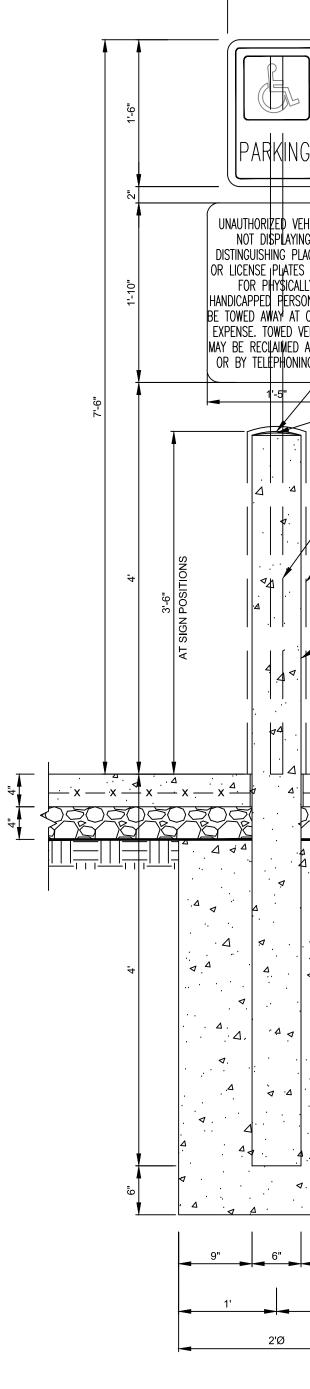




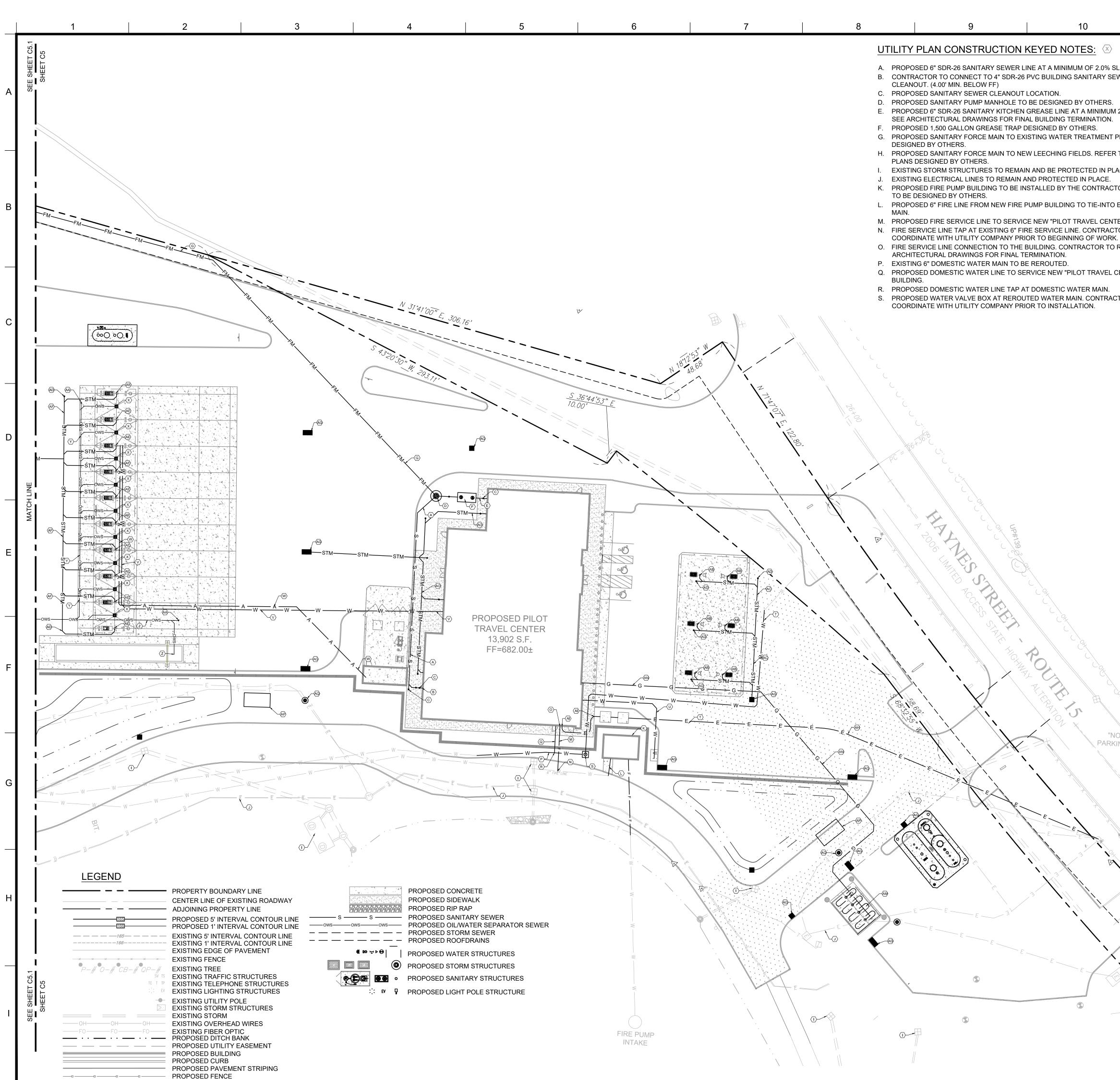


User: KFURAO Plot Date/Time: Apr. 23, 20 - 11:32:30 Drawing: P:\Pilot Oil\Sturbridge, MA (400 Haynes Street)-PIL.28950\CIVIL\Drawings\Presentation\PIL.28950 - P - DETL.dwg ;C5.3 - Site Paving Details





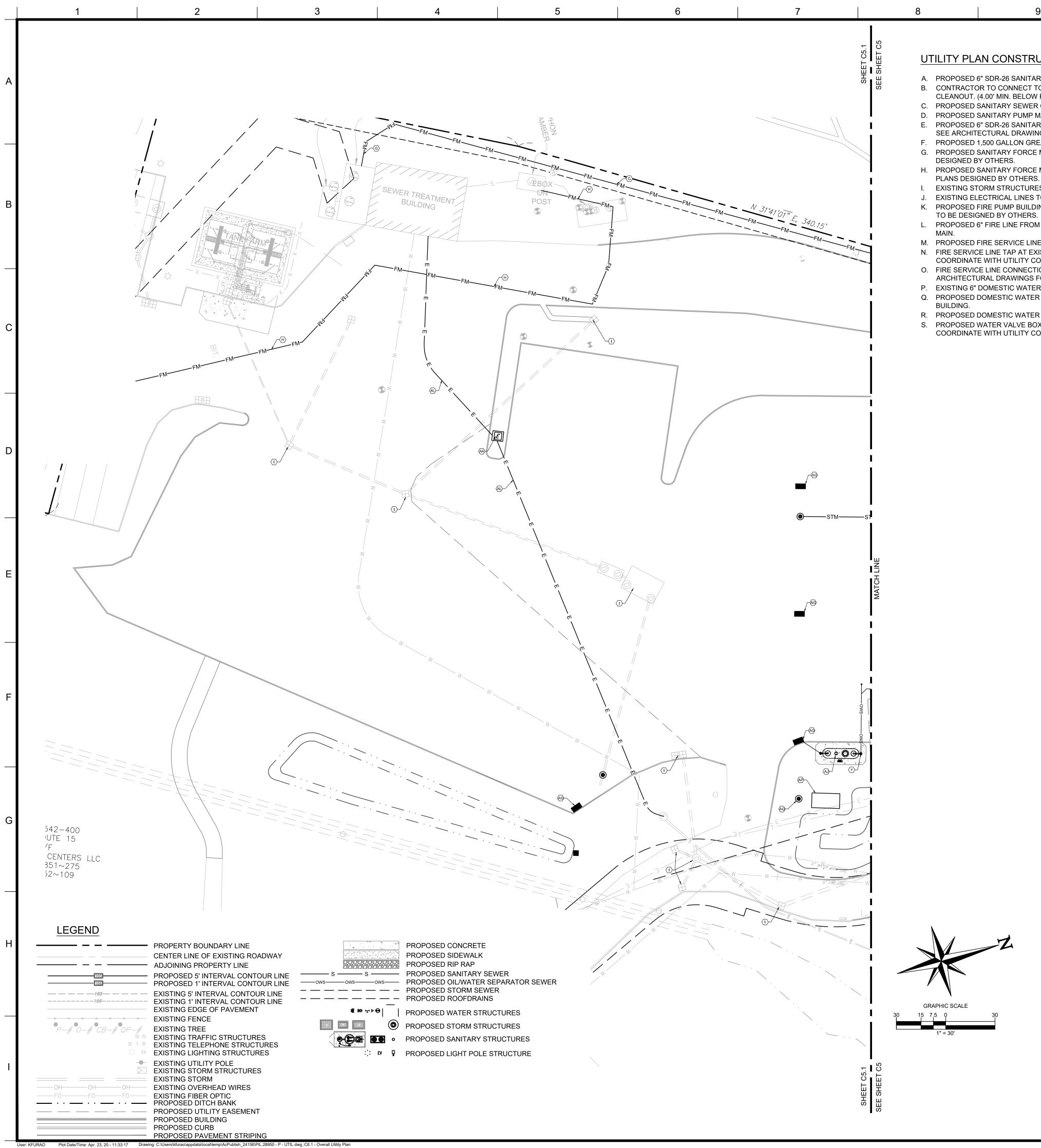
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					9 GALEN STREET, SUITE 117 WATERTOWN, MA 02472 PHONE (617) 576-0007 AROSCOE@CORE-STATES.COM
	- ACCESSIBILITY COMPLIANCE SIGN CENTERED ON PARKING SPACE			RO NO	ALEN STRI ALEN STRI ATERTOWN ONE (617) OSCOE@O
G	AND MOUNTED TO POLE. HEIGHT TO BOTT OF SIGN TO COMPLY WITH APPLICABLE LOCAL CODE	ГОМ		DOCUMENTS PREPARED INCLUDING THIS DOCUM ONLY FOR THE SPECIFIC USE FOR WHICH THEY V	
				EXTENSION OF USE TO A BY OWNER OR BY ANY O THE EXPRESSED WRI CORESTATES, INC. IS DO AT THE USERS OWN RIG OTHER THAN THAT SPE	ANY OTHER PROJECTS, THER PARTY, WITHOUT ITTEN CONSENT OF DNE UNLAWFULLY AND SK. IF USED IN A WAY CIFLICALLY INTENDED
EHICLES NG LACARDS S ISSUED LLY	[–] 1'-5" x 1'-10" REFLECTORIZED SIGN CONSTRUCTED OF STEEL AND PORCELAIN WITH MIN. 1" HIGH LETTERS			USER WILL HOLD CORES FROM ALL CLAIM	
Sons May Owner's Vehicles	– CROWN TOP OF BOLLARD.				
ING	– CONTRACTOR TO CAULK/SEAL PENETRATION AS REQUIRED TO MAKE WATER TIGHT				
	CONTRACTOR TO IMBED SIGN POST PRIO TO FILLING STEEL PIPE WITH CONCRETE.	R		PILOT T CENTEF	
	- CONTRACTOR TO INSTALL 1/4" BLACK PLA BOLLARD COVERS WITH DOMED TOP AT E BOLLARD (OR EQUAL). SLEEVE IS TO BE S APPROPRIATELY FOR A 6" STEEL PIPE BO SUPPLIED AND INSTALLED BY CONTRACTOR	ACH IZED LLARD.		5508 LONA	AS ROAD
	REQUIRED. - 6" STEEL PIPE FILLED W/CONCRETE REFE TO SITE PLAN FOR SIZE AND LOCATION	R		KNOXVII 379	
				8	\mathbf{n}
				Know what's below. The contractor is specifically caution elevation of existing utilities as shown prawings, records of the various utilities measurements trave in the field. Cope	ITY COMPANIES AND WHERE POSSIBLE
		ι.		MEASUREMENTS TAKES IN THE FIELD. CORE THAT LOCATIONS SHOWN ARE EXACT. THE C APPROPRIATE UTILITY COMPANIES AT LEAST REQUEST EXACT FIELD LOCATIONS OF UTILIT REV DATE CO	
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				CONSTR DETA JOB #:	AILS PIL.28950
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Plot Date/Time: Apr. 23, 20 - 11:33:02 Drawing: C:\Users\kfurao\appdata\loca\\temp\AcPublish_24156\PIL.28950 - P - UTIL.dwg ;C6.0 - Overall Utility Plan

Jser: KFURAO

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SLOPE. EWER LINE 4 2.0% SLOPE. 7 PLANT TO BE R TO SEWER LACE. CTOR. BUILDING D EXISTING FIRE TER" BUILDING. CTOR TO K. D REFER TO CENTER" CTOR TO	 T. EXISTING WAT FINAL TERMIN U. PROPOSED W CONTRACTOR (TYP.). W. PROPOSED AI CONNECTION X. CONTRACTOR OIL/WATER IN TYPE FITTING Y. PROPOSED 6" 4" PVC CATCH FOR DETAIL. N PIPING SYSTE Z. CONTRACTOR CONNECT TO AA. PROPOSED 01 AB. CONTRACTOR COLUMN LOC/ AC. CONTRACTOR DRAIN LINES. AD. PROPOSED RO AE. CONTRACTOR DRAIN LINES. AD. PROPOSED RO AF. CONTRACTOR DRAIN LINES. AD. PROPOSED TO AF. CONTRACTOR DRAIN LINES. AG. PROPOSED TO AI. CONTRACTOR ARCHITECTUF AJ. PROPOSED OI CONSTRUCTIO AK. RELOCATED E AL. EXISTING ELE CONTRACTOR WORK. AM. PROPOSED FI AN. PROPOSED FI 	ER SERVICE LINE TO BE RERO ATION AND SIZE OF EXISTING ATER SERVICE LINE FOR AUTO ATER SERVICE LINE FOR TRUC TO PROVIDE CONNECTION AT R LINE FOR TRUCK AIR STAND AT EVERY OTHER TRUCK FUE TO PROVIDE 4" SCHEDULE 40 TERCEPTOR CATCH BASINS, T S ALLOWED AT ANY PART OF T SCHEDULE 40 PVC MAIN OWS BASIN LINES TO OIL/WATER S IO "FERNCO" TYPE FITTINGS A M. TO INSTALL 3" SCHEDULE 40 I 6" PVC OWS TRUNK LINE. L WATER SEPARATOR CLEANO TO INSTALL 9VC PIPE FROM A ATIONS. SEE ROOF DRAIN UTIL TO INSTALL PVC TRUNK LINE SEE ROOF DRAIN UTILITY PLAT OF DRAIN CLEANOUT. TO INSTALL PVC PIPE FROM TO CATIONS. SEE ROOF DRAIN UTIL TO INSTALL PVC TRUNK LINE SEE ROOF DRAIN UTILITY PLAT OF DRAIN CLEANOUT. TO INSTALL PVC TRUNK LINE SEE ROOF DRAIN UTILITY PLAT OF DRAIN CLEANOUT. TO INSTALL PVC TRUNK LINE SEE ROOF DRAIN UTILITY PLAT OF DRAIN CLEANOUT. TO INSTALL PVC TRUNK LINE TORM CATCH BASINS. SEE DRA TO INSTALL PVC TRUNK LINE TO INSTALL AND COORDINAT TILITY TRANSFORMER. TO INSTALL ELECTRICAL SER R PAD. FINAL BUILDING TERMINE AL DRAWINGS. L WATER SEPARATOR REFER	LINE. JAIR VACUUM AND Y CK FREEZE PROOF W EVERY OTHER TRUE S. CONTRACTOR TO ISLAND (TYP.) PVC FROM THE TRUE YPICAL AT EACH DRA THE OWS PIPING SYS TRUNK LINE. CONTR EPARATOR INLET. SE LOWED AT ANY PAF PVC FORM TRUCK SC OUT. AUTO CANOPY ROOF ITY PLAN FOR DETAIL TO CONNECT TO AU N FOR DETAIL. TRUCK CANOPY ROO JTILITY PLAN FOR DETAIL TO CONNECT TO TRUE ANAGE PLAN FOR DE TO CONNECT TO TRUE ANAGE PLAN FOR DE E ELECTRICAL SERVI VICE LINE TO PROPCON ATION TO BE COOF TO OWS UTILITY PLAN ORMER FOR SEWER TO OWS UTILITY PLAN SIGNED BY OTHERS. TANK FARM TO NEW " BUILDING.	R TO DETERMINE ARD HYDRANT. ATER STAND. CK FUEL ISLAND PROVIDE PROVIDE CK CANOPY PAD AIN. NO "FERNCO" STEM. ACTOR TO CONNECT EE OWS UTILITY PLAN RT OF THE OWS CALE PUMP TO CALE PUMP TO CALE PUMP TO TO CANOPY ROOF F DRAINS. TYPICAL ATAL. UCK CANOPY ROOF ETAIL. ICE LINE TO DSED "PILOT" RDINATED WITH AN AND TREATMENT PLANT. TO THE BEGINNING OF "PILOT" BUILDING.	DOCUMENTS PREPARED INCLUDING THIS DOCUM ONLY FOR THE SPECIFIC USE FOR WHICH THEY V EXTENSION OF USE TO A BY OWNER OR BY ANYO THE EXPRESSED WR CORESTATES, INC. IS DO AT THE USERS OWN RH OTHER THAN THAT SPE USER WILL HOLD CORES FROM ALL CLAIM CLIE	ARENT, ARE TO BE USED PROJECT AND SPECIFIC WERE INTENDED. ANY ANY OTHER PROJECTS, THER PARTY, WITHOUT UTTEN CONSENT OF DNE UNLAWFULLY AND SK. IF USED IN A WAY CIFICALLY INTENDED, TATES, INC. HARMLESS IS AND LOSSES. INT RAVEL RAVEL RS LLC. AS ROAD LLE, TN
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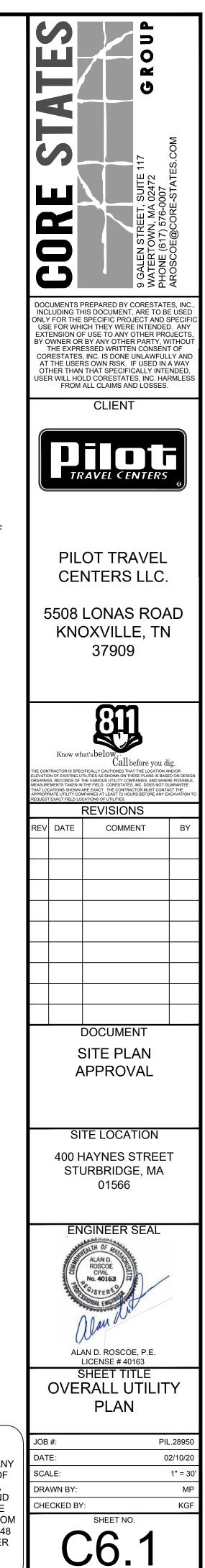


UTILITY PLAN CONSTRUCTION KEYED NOTES:

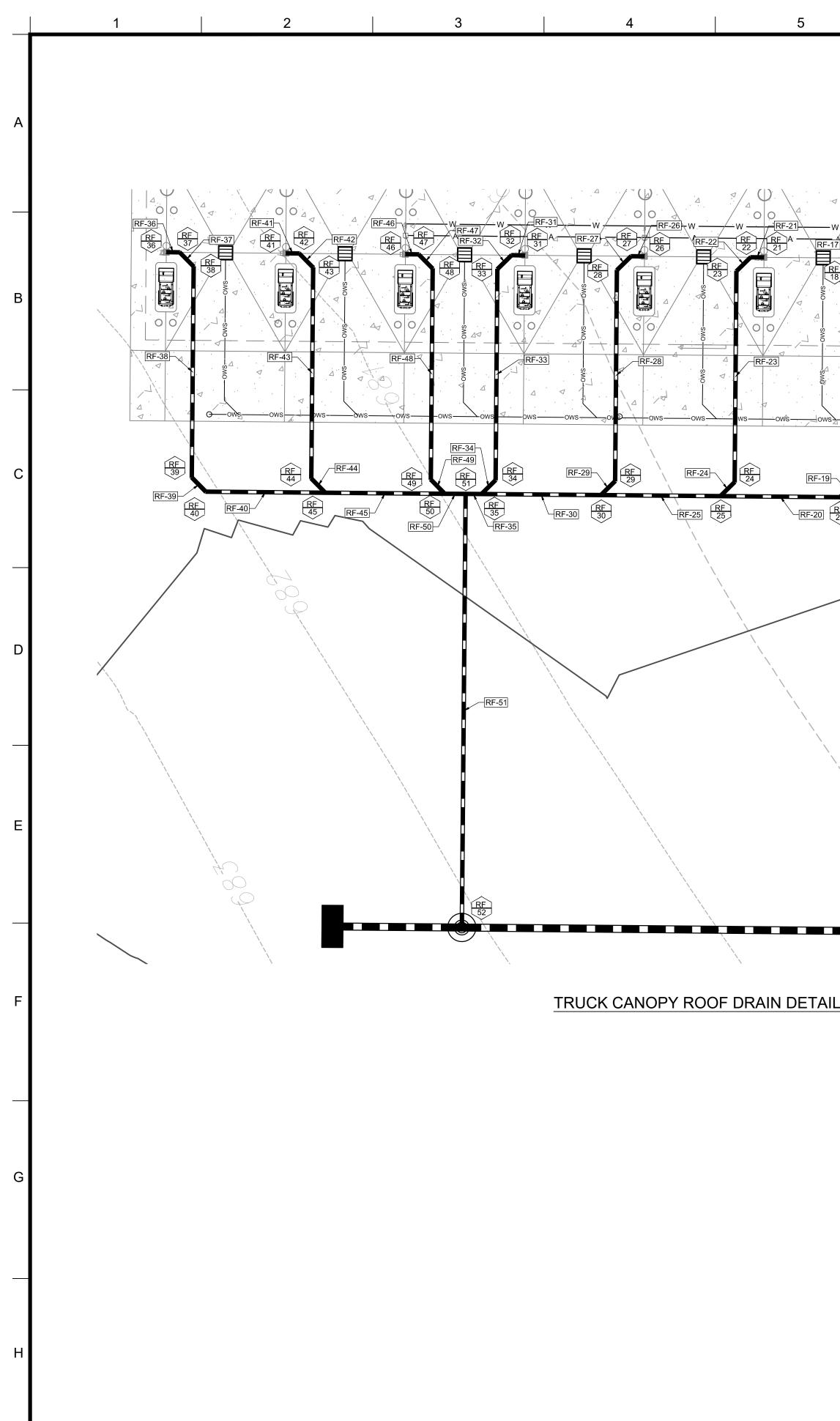
- U. PROPOSED WATER SERVICE LINE FOR AUTO/AIR VACUUM AND YARD HYDRANT. A. PROPOSED 6" SDR-26 SANITARY SEWER LINE AT A MINIMUM OF 2.0% SLOPE. V. PROPOSED WATER SERVICE LINE FOR TRUCK FREEZE PROOF WATER STAND. B. CONTRACTOR TO CONNECT TO 4" SDR-26 PVC BUILDING SANITARY SEWER LINE CONTRACTOR TO PROVIDE CONNECTION AT EVERY OTHER TRUCK FUEL ISLAND CLEANOUT. (4.00' MIN. BELOW FF) (TYP.).
- C. PROPOSED SANITARY SEWER CLEANOUT LOCATION.
- D. PROPOSED SANITARY PUMP MANHOLE TO BE DESIGNED BY OTHERS.
- E. PROPOSED 6" SDR-26 SANITARY KITCHEN GREASE LINE AT A MINIMUM 2.0% SLOPE. SEE ARCHITECTURAL DRAWINGS FOR FINAL BUILDING TERMINATION.
- F. PROPOSED 1,500 GALLON GREASE TRAP DESIGNED BY OTHERS. G. PROPOSED SANITARY FORCE MAIN TO EXISTING WATER TREATMENT PLANT TO BE
- H. PROPOSED SANITARY FORCE MAIN TO NEW LEECHING FIELDS. REFER TO SEWER
- EXISTING STORM STRUCTURES TO REMAIN AND BE PROTECTED IN PLACE.
- J. EXISTING ELECTRICAL LINES TO REMAIN AND PROTECTED IN PLACE. K. PROPOSED FIRE PUMP BUILDING TO BE INSTALLED BY THE CONTRACTOR. BUILDING
- TO BE DESIGNED BY OTHERS. L. PROPOSED 6" FIRE LINE FROM NEW FIRE PUMP BUILDING TO TIE-INTO EXISTING FIRE
- M. PROPOSED FIRE SERVICE LINE TO SERVICE NEW "PILOT TRAVEL CENTER" BUILDING. N. FIRE SERVICE LINE TAP AT EXISTING 6" FIRE SERVICE LINE. CONTRACTOR TO
- COORDINATE WITH UTILITY COMPANY PRIOR TO BEGINNING OF WORK. O. FIRE SERVICE LINE CONNECTION TO THE BUILDING. CONTRACTOR TO REFER TO
- ARCHITECTURAL DRAWINGS FOR FINAL TERMINATION.
- P. EXISTING 6" DOMESTIC WATER MAIN TO BE REROUTED. Q. PROPOSED DOMESTIC WATER LINE TO SERVICE NEW "PILOT TRAVEL CENTER"
- R. PROPOSED DOMESTIC WATER LINE TAP AT DOMESTIC WATER MAIN.
- S. PROPOSED WATER VALVE BOX AT REROUTED WATER MAIN. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY PRIOR TO INSTALLATION.

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- T. EXISTING WATER SERVICE LINE TO BE REPOUTED. CONTRACTOR TO DETERMINE FINAL TERMINATION AND SIZE OF EXISTING LINE.
- W. PROPOSED AIR LINE FOR TRUCK AIR STANDS. CONTRACTOR TO PROVIDE CONNECTION AT EVERY OTHER TRUCK FUEL ISLAND (TYP.)
 - X. CONTRACTOR TO PROVIDE 4" SCHEDULE 40 PVC FROM THE TRUCK CANOPY PAD OIL/WATER INTERCEPTOR CATCH BASINS, TYPICAL AT EACH DRAIN. NO "FERNCO" TYPE FITTINGS ALLOWED AT ANY PART OF THE OWS PIPING SYSTEM.
- Y. PROPOSED 6" SCHEDULE 40 PVC MAIN OWS TRUNK LINE. CONTRACTOR TO CONNECT 4" PVC CATCH BASIN LINES TO OIL/WATER SEPARATOR INLET. SEE OWS UTILITY PLAN FOR DETAIL. NO "FERNCO" TYPE FITTINGS ALLOWED AT ANY PART OF THE OWS PIPING SYSTEM. Z. CONTRACTOR TO INSTALL 3" SCHEDULE 40 PVC FORM TRUCK SCALE PUMP TO
- CONNECT TO 6" PVC OWS TRUNK LINE. AA. PROPOSED OIL WATER SEPARATOR CLEANOUT.
- AB. CONTRACTOR TO INSTALL PVC PIPE FROM AUTO CANOPY ROOF DRAIN. TYPICAL AT COLUMN LOCATIONS. SEE ROOF DRAIN UTILITY PLAN FOR DETAIL. AC. CONTRACTOR TO INSTALL PVC TRUNK LINE TO CONNECT TO AUTO CANOPY ROOF DRAIN LINES. SEE ROOF DRAIN UTILITY PLAN FOR DETAIL.
- AD. PROPOSED ROOF DRAIN CLEANOUT. AE. CONTRACTOR TO INSTALL PVC PIPE FROM TRUCK CANOPY ROOF DRAINS. TYPICAL AT COLUMN LOCATIONS. SEE ROOF DRAIN UTILITY PLAN FOR DETAIL. AF. CONTRACTOR TO INSTALL PVC TRUNK LINE TO CONNECT TO TRUCK CANOPY ROOF
- DRAIN LINES. AG. PROPOSED STORM CATCH BASINS. SEE DRAINAGE PLAN FOR DETAIL. AH. CONTRACTOR TO INSTALL AND COORDINATE ELECTRICAL SERVICE LINE TO PROPOSED UTILITY TRANSFORMER.
- AI. CONTRACTOR TO INSTALL ELECTRICAL SERVICE LINE TO PROPOSED "PILOT" TRANSFORMER PAD. FINAL BUILDING TERMINATION TO BE COORDINATED WITH ARCHITECTURAL DRAWINGS.
- AJ. PROPOSED OIL WATER SEPARATOR REFER TO OWS UTILITY PLAN AND CONSTRUCTION DETAILS.
- AK. RELOCATED EXISTING ELECTRICAL TRANSFORMER FOR SEWER TREATMENT PLANT. AL. EXISTING ELECTRICAL CONDUIT RELOCATED FOR SEWER TREATMENT PLANT. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY PRIOR TO THE BEGINNING OF WORK
- AM. PROPOSED PROPANE TANK FARM TO BE DESIGNED BY OTHERS.
- AN. PROPOSED GAS SERVICE FROM PROPANE TANK FARM TO NEW "PILOT" BUILDING. AO. ROOF DRAIN CONNECTION TO NEW "PILOT" BUILDING.
- AP. PROPOSED 5,000 GALLON OIL WATER SEPARATOR. REFER TO CONSTRUCTION DETAILS.
- AQ. PROPOSED 5' DIAM. DIVERSION MANHOLE



ALERT TO CONTRACTOR:



User: KFURAO Plot Date/Time: Apr. 23, 20 - 11:34:17 Drawing: P:\Pilot Oil\Sturbridge, MA (400 Haynes Street)-PIL.28950\CIVIL\Drawings\Presentation\PIL.28950 - P - STRM.dwg ;C6.2 - Roof Drain Utility Plan

$W = \frac{RF-16}{11} W = \frac{RF-11}{17} W$ $RF-12 = \frac{RF}{12} A = \frac{RF}{11} A$ $RF-12 = \frac{RF}{12} A = \frac{RF}{11} A$ $RF-12 = \frac{RF}{13} A = \frac{RF}{13} A$	RF-7 RF-7 RF-7 RF-6 RF-1 RF-2 RF-2
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<u>.IL</u>	GRAPHIC SCALE 10 5 2,5 0 10 1" = 10'

	I		1	ROOFDR	AIN STRUCTURE 1	ABLE			I
STRUCTURE NAME	STRUCTURE TYPE	RIM	UPSTREAM PIPE NAME	UPSTREAM PIPE INV	DOWNSTREAM PIPE NAME	DOWNSTREAM PIPE INV	DOWNSTREAM PIPE LENGTH	DOWNSTREAM PIPE SIZE AND TYPE	DOWNSTREAM PIPE SLOPE
1	ROOF DRAIN	680.11			RF-1	678.16'	1.89'	6" PVC	1.00%
2	45° BEND	680.16	RF-1	678.14'	RF-2	678.14'	2.84'	6" PVC	1.00%
3	CLEANOUT	680.20	RF-2	678.11'	RF-3	678.11'	30.00'	6" PVC	1.00%
4	45° BEND	680.48	RF-3	677.81'	RF-4	677.81'	2.85'	6" PVC	1.00%
5	CLEANOUT	680.47	RF-4	677.78'	RF-5	677.78'	24,79'	6" PVC	1.00%
6	ROOF DRAIN	680.11			RF-6	678,25'	1.90'	6" PVC	1.00%
7	45° BEND	680.08	RF-6	678.23'	RF-7	678.23'	2.83'	6" PVC	1.00%
8	CLEANOUT	680.07	RF-7	678.20'	RF-8	678.20'	30.00'	6" PVC	1.00%
9	45° BEND	680.29	RF-8	677.90'	RF-9	677.90'	2.83'	6" PVC	13.13%
10	WYE BEND	680.28	RF-5 RF-9	677.53' 677.53'	RF-10	677.53'	17.00'	6" PVC	1.00%
11	ROOF DRAIN	680.11			RF-11	678.25'	1.90'	6" PVC	1.00%
12	45° BEND	680.08	RF-11	678.23'	RF-12	678.23'	2.83'	6" PVC	1.00%
13	CLEANOUT	680.07	RF-12	678.20'	RF-13	678.20'	30.00'	6" PVC	1.00%
14	45° BEND	680.26	RF-13	677.90'	RF-14	677.90'	2.83'	6" PVC	19.14%
15	WYE BEND	680.23	RF-10 RF-14	677.36' 677.36'	RF-15	677.36'	17.00'	6" PVC	1.00%
16	ROOF DRAIN	680.11			RF-16	678.25'	1.90'	6" PVC	1.00%
17	45° BEND	680.08	RF-16	678.23'	RF-17	678.23'	2.83'	6" PVC	1.00%
18	CLEANOUT	680.07	RF-17	678.20'	RF-18	678.20'	30.00'	6" PVC	1.00%
19	45° BEND	680.18	RF-18	677.90'	RF-19	677.90'	2.83'	6" PVC	25.15%
20	WYE BEND	680.16	RF-15 RF-19	677.19' 677.19'	RF-20	677.19'	17.00'	6" PVC	1.00%
21	ROOF DRAIN	680.11			RF-21	678.25'	1.90'	6" PVC	1.00%
22	45° BEND	680.08	RF-21	678.23'	RF-22	678.23'	2.83'	6" PVC	1.00%
23	CLEANOUT	680.07	RF-22	678.20'	RF-23	678.20'	30.00'	6" PVC	1.00%
24	45° BEND	680.19	RF-23	677.90'	RF-24	677.90'	2.83'	6" PVC	31.16%
25	WYE BEND	680.17	RF-20 RF-24	677.02' 677 <u>.</u> 02'	RF-25	677.02'	17.00'	6" PVC	1.00%
26	ROOF DRAIN	680.11			RF-26	678.25'	1.90'	6" PVC	1.00%
27	45° BEND	680.08	RF-26	678.23'	RF-27	678.23'	2.83'	6" PVC	1.00%
28	CLEANOUT	680.07	RF-27	678.20'	RF-28	678.20'	30.00'	6" PVC	1.00%
29	45° BEND	680.16	RF-28	677.90'	RF-29	677.90'	2.82'	6" PVC	37.22%
30	WYE BEND	680.14	RF-25 RF-29	676.85' 676.85'	RF-30	676.85'	17.00'	6" PIPE	1.00%
31	ROOF DRAIN	680.11			RF-31	678.25'	1.90'	6" PVC	1.00%
32	45° BEND	680.08	RF-31	678.23'	RF-32	678.23'	2.83'	6" PVC	1.00%
33	CLEANOUT	680.07	RF-32	678.20'	RF-33	678.20'	30.00'	6" PVC	1.00%
34	45° BEND	680.12	RF-33	677.90'	RF-34	677.90'	2.83'	6" PVC	43.18%
35	WYE BEND	680.11	RF-30 RF-34	676.68' 676.68'	RF-35	676.68'	2.25'	6" PVC	1.00%
36	ROOF DRAIN	680.11			RF-36	678.25'	1.90'	6" PVC	1.00%
37	45° BEND	680.08	RF-36	678.23'	RF-37	678.23'	2.83'	6" PVC	1.00%
38	CLEANOUT	680.07	RF-37	678.20'	RF-38	678.20'	30.00'	6" PVC	3.82%
39	45° BEND	680.05	RF-38	677.06'	RF-39	677.06'	2.83'	6" PVC	1.00%
40	CLEANOUT	680.03	RF-39	677.03'	RF-40	677.03'	17.00'	6" PVC	1.00%
41	ROOF DRAIN	680.11			RF-41	678.50'	1.90'	6" PVC	1.00%
42	45° BEND	680.08	RF-41	678.48'	RF-42	678.48'	2.83'	6" PVC	1.00%
43	CLEANOUT	680.07	RF-42	678.45'	RF-43	678.45'	30.00'	6" PVC	1.00%
44	45° PVC	680.05	RF-43	678.15'	RF-44	678.15'	2.83'	6" PVC	45.76%
45	WYE BEND	680.04	RF-40 RF-44	676.86' 676.86'	RF-45	676.86'	17.00'	6" PVC	1.00%
46	ROOF DRAIN	680.11			RF-46	678.25'	1.90'	6" PVC	1.00%
47	45° BEND	680.08	RF-46	678.23'	RF-47	678.23'	2.83'	6" PVC	1.00%
48	CLEANOUT	680.07	RF-47	678.20'	RF-48	678.20'	30.00'	6" PVC	1.00%
49	45° BEND	680.11	RF-48	677.90'	RF-49	677.90'	2.83'	6" PVC	42.93%
50	WYE BEND	680.10	RF-45 RF-49	676.69' 676.69'	RF-50	676.69'	2.96'	6" PVC	1.00%
51	TEE	680.11	RF-35 RF-50	676.66' 676.66'	RF-51	676.66'	61.66'	6" PVC	1.00%
52	PROPOSED INLET	679.63	RF-51	676.04'					

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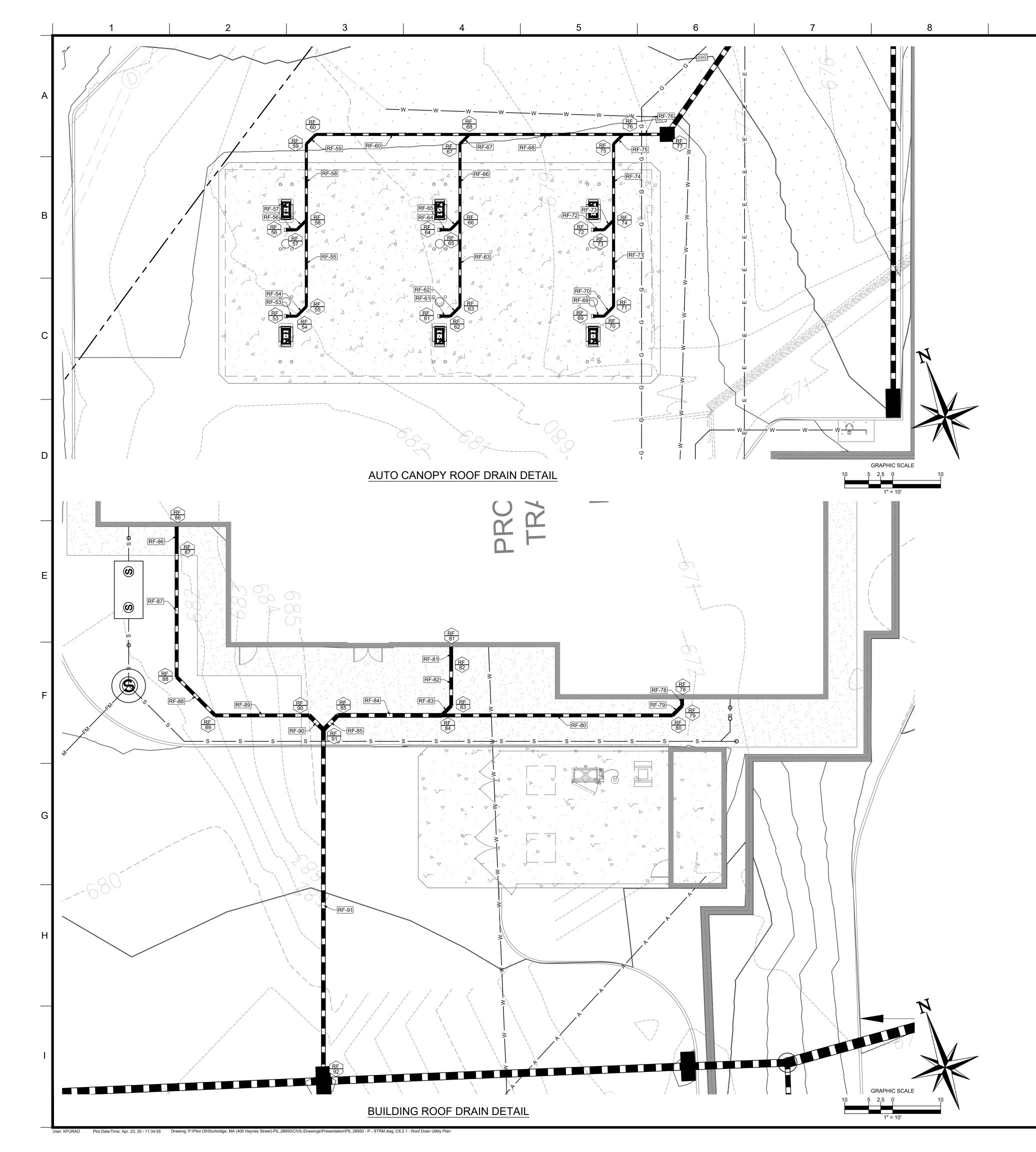
5 D 0 2 U - - (5 024 007 OR (10WN) (617) 57 0E@CC 9 GALEN WATER1 PHONE (AROSCC J DOCUMENTS PREPARED BY CORESTATES, INC INCLUDING THIS DOCUMENT, ARE TO BE USED INCLUDING THIS DOCUMENT, ARE TO BE USED ONLY FOR THE SPECIFIC PROJECT AND SPECIFIC USE FOR WHICH THEY WERE INTENDED. ANY EXTENSION OF USE TO ANY OTHER PROJECTS, BY OWNER OR BY ANY OTHER PARTY, WITHOUT THE EXPRESSED WRITTEN CONSENT OF CORESTATES, INC. IS DONE UNLAWFULLY AND AT THE USERS OWN RISK. IF USED IN A WAY OTHER THAN THAT SPECIFICALLY INTENDED, USED WILL HOLD CODESTATES. INC. HADMIESS USER WILL HOLD CORESTATES, INC. HARMLES FROM ALL CLAIMS AND LOSSES. CLIENT PILOT TRAVEL CENTERS LLC. 5508 LONAS ROAD KNOXVILLE, TN 37909 Know what's below Call before you dig. ECIFICALLY CAUTIONED THAT THE LOCATION AND IS OF THE VARIOUS UTILITY COMPANIES, AN KEN IN THE FIELD. CORESTATES, INC. DOES NS SHOWN ARE EXACT. THE CONTRACTOR MUST CONTACT TI UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAV. REVISIONS DATE COMMENT DOCUMENT SITE PLAN APPROVAL SITE LOCATION 400 HAYNES STREET STURBRIDGE, MA 01566 ENGINEER SEAL ALAN D ROSCO 10. 40163 ALAN D. ROSCOE, P.E. LICENSE # 40163 SHEET TITLE **ROOF DRAIN** UTILITY PLAN JOB #: PIL.28950 02/10/20 DATE SCALE: AS NOTED DRAWN BY: MF CHECKED BY: KGF SHEET NO. C6.2

PROPERTY BOUNDARY LINE CENTER LINE OF EXISTING ROADWAY ADJOINING PROPERTY LINE PROPOSED 5' INTERVAL CONTOUR LINE ______ S _____ S _____ PROPOSED SANITARY SEWER EXISTING 5' INTERVAL CONTOUR LINE EXISTING 1' INTERVAL CONTOUR LINE EXISTING EDGE OF PAVEMENT EXISTING FENCE EXISTING TREE EXISTING TRAFFIC STRUCTURES

- EXISTING TELEPHONE STRUCTURES EXISTING LIGHTING STRUCTURES
- EXISTING UTILITY POLE EXISTING STORM STRUCTURES
- EXISTING STORM EXISTING OVERHEAD WIRES
- EXISTING FIBER OPTIC
- PROPOSED DITCH BANK PROPOSED UTILITY EASEMENT
- PROPOSED BUILDING
- PROPOSED CURB PROPOSED PAVEMENT STRIPING

PROPOSED CONCRETE PROPOSED SIDEWALK PROPOSED RIP RAP - - - - - PROPOSED STORM SEWER – – – – – – PROPOSED ROOFDRAINS ≝ ™ ॼ ▶ ⊖ | PROPOSED WATER STRUCTURES

- PROPOSED STORM STRUCTURES • PROPOSED SANITARY STRUCTURES
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- ALERT TO CONTRACTOR:



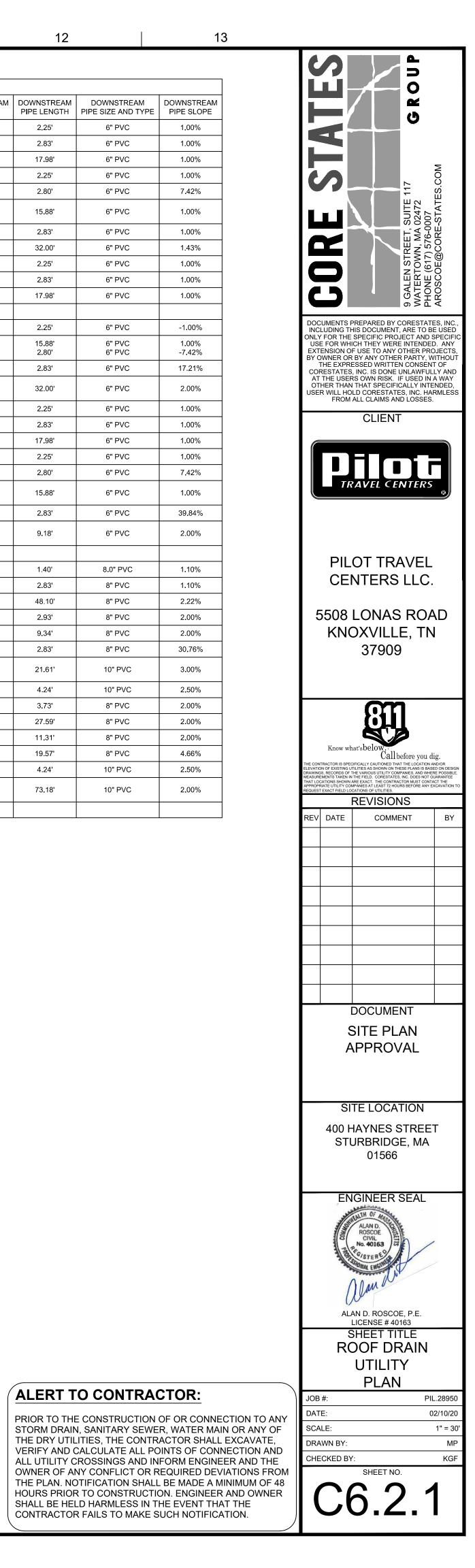
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STRUCTURE NAME	STRUCTURE TYPE	RIM	UPSTREAM PIPE NAME	UPSTREAM PIPE INV	DOWNSTREAM PIPE NAME	DOWNSTREAM PIPE INV	DOWNSTREAM PIPE LENGTH	DOWNSTREAM PIPE SIZE AND TYPE	DOWNSTREA
53	ROOF DRAIN	681.45			RF-53	678.50'	2.25'	6" PVC	1.00%
54	45° BEND	681.45	RF-53	678.48'	RF-54	678.48'	2.83'	6" PVC	1.00%
55	CLEANOUT	681.48	RF-54	678.45'	RF-55	678.45'	17.98'	6" PVC	1.00%
56	ROOF DRAIN	681.45			RF-56	678.50'	2.25'	6" PVC	1.00%
57	45° BEND	681.45	RF-56	678.48'	RF-57	678.48'	2.80'	6" PVC	7.42%
58	WYE BEND	681.42	RF-55 RF-57	678.27' 678.27'	RF-58	678.27'	15.88'	6" PVC	1.00%
59	45° BEND	680.87	RF-58	678.11'	RF-59	678.11'	2.83'	6" PVC	1.00%
60	CLEANOUT	680.67	RF-59	678.08'	RF-60	678.08'	32.00'	6" PVC	1.43%
61	ROOF DRAIN	681.45			RF-61	678.50'	2.25'	6" PVC	1.00%
62	45° BEND	681.45	RF-61	678.48'	RF-62	678.48'	2.83'	6" PVC	1.00%
63	CLEANOUT	681.48	RF-62	678.45'	RF-63	678.45'	17.98'	6" PVC	1.00%
64	ROOF DRAIN	681.45	RF-64	678.50'					
65	45° BEND	681.45	RF-65	678.48'	RF-64	678.48'	2.25'	6" PVC	-1.00%
66	WYE BEND	681.42	RF-63	678.27'	RF-66 RF-65	678.27' 678.27'	15.88' 2.80'	6" PVC 6" PVC	1.00% -7.42%
67	45° BEND	681.00	RF-66	678.11'	RF-67	678.11'	2.83'	6" PVC	17.21%
68	WYE BEND	680.88	RF-60 RF-67	677.62' 677.62'	RF-68	677.62'	32.00'	6" PVC	2.00%
69	ROOF DRAIN	681.45			RF-69	678.50'	2.25'	6" PVC	1.00%
70	45° BEND	681.45	RF-69	678.48'	RF-70	678.48'	2.83'	6" PVC	1.00%
71	CLEANOUT	681.48	RF-70	678.45'	RF-71	678.45'	17.98'	6" PVC	1.00%
72	ROOF DRAIN	681.45			RF-72	678.50'	2.25'	6" PVC	1.00%
73	45° BEND	681.45	RF-72	678.48'	RF-73	678.48'	2.80'	6" PVC	7.42%
74	WYE BEND	681.42	RF-71 RF-73	678.27' 678.27'	RF-74	678.27'	15.88'	6" PVC	1.00%
75	45° BEND	681.14	RF-74	678.11'	RF-75	678.11'	2.83'	6" PVC	39.84%
76	WYE BEND	681.08	RF-68 RF-75	676.98' 676.98'	RF-76	676.98'	9.18'	6" PVC	2.00%
77	PROPOSED INLET	681.13	RF-76	676.80'					
78	BUILDING STUB	681.50			RF-78	679.00'	1.40'	8.0" PVC	1.10%
79	45° BEND	681.47	RF-78	678.98'	RF-79	678.98'	2.83'	8" PVC	1.10%
80	CLEANOUT	681.44	RF-79	678.95'	RF-80	678.95'	48.10'	8" PVC	2.22%
81	BUILDING STUB	681.79			RF-81	679.00'	2.93'	8" PVC	2.00%
82	CLEANOUT	681.75	RF-81	678.94'	RF-82	678.94'	9.34'	8" PVC	2.00%
83	45° BEND	681.53	RF-82	678.75'	RF-83	678.75'	2.83'	8" PVC	30.76%
84	WYE BEND	681.47	RF-80 RF-83	677.88' 677.88'	RF-84	677.72'	21.61'	10" PVC	3.00%
85	45° BEND	681.53	RF-84	677.07'	RF-85	677.07'	4.24'	10" PVC	2.50%
86	BUILDING STUB	682.00			RF-86	679.00'	3.73'	8" PVC	2.00%
87	CLEANOUT	681.96	RF-86	678.93'	RF-87	678.93'	27.59'	8" PVC	2.00%
88	45° BEND	681.86	RF-87	678.37'	RF-88	678.37'	11.31'	8" PVC	2.00%
89	45° BEND	681.64	RF-88	678.15'	RF-89	678.15'	19.57'	8" PVC	4.66%
90	45° BEND	681.53	RF-89	677.24'	RF-90	677.07'	4.24'	10" PVC	2.50%
91	Y-TEE WITH CLEANOUT	681.40	RF-85 RF-90	676.96' 676.96'	RF-91	676.96'	73.18'	10" PVC	2.00%
92	PROPOSED CATCH BASIN	678.96	RF-91	675.50'					

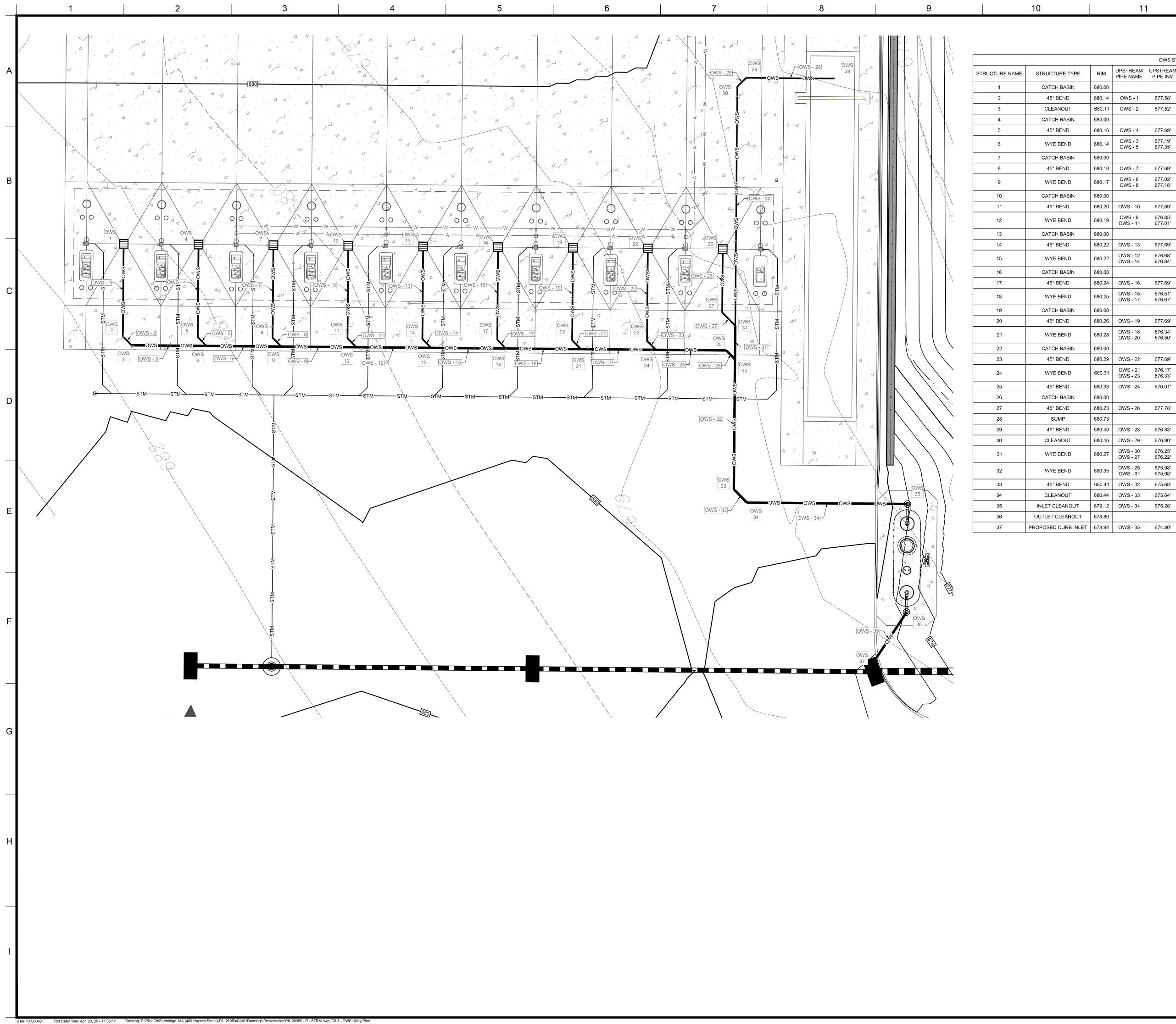
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ALERT TO CONTRACTOR:

SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.





		1′	1		12		
			OWS ST	RUCTURE TABLE			
IRE TYPE	RIM	UPSTREAM PIPE NAME	UPSTREAM PIPE INV	DOWNSTREAM PIPE NAME	DOWNSTREAM PIPE INV	DOWNSTREAM PIPE LENGTH	D PIPE
BASIN	680.00			OWS - 1	678.00'	21.00'	
END	680.14	OWS - 1	677.58'	OWS - 2	677.58'	2.83'	
NOUT	680.11	OWS - 2	677.52'	OWS - 3	677.36'	17.00'	
BASIN	680.00			OWS - 4	678.00'	21.00'	
END	680.16	OWS - 4	677.69'	OWS - 5	677.68'	2.83'	
BEND	680.14	OWS - 3 OWS - 5	677.19' 677.35'	OWS - 6	677.19'	17.00'	
BASIN	680.00			OWS - 7	678.00'	21.00'	
END	680.18	OWS - 7	677.69'	OWS - 8	677.68'	2.83'	
BEND	680.17	OWS - 6 OWS - 8	677.02' 677.18'	OWS - 9	677.02'	17.00'	
BASIN	680.00			OWS - 10	678.00'	21.00'	
END	680.20	OWS - 10	677.69'	OWS - 11	677.68'	2.83'	

OWS - 12

OWS - 13

OWS - 14

OWS - 15

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OWS - 34

OWS - 35

676.85'

678.00'

677.68'

676.68'

678.00'

677.68'

676.51'

678.00'

677.68'

676.34'

678.00'

677.68'

676.17'

676.01'

678.00'

677.78'

677.03'

676.83'

676.80'

676.05'

675.98'

675.68'

675.64'

675.02'

17.00'

21.00'

2.83'

17.00'

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2.83'

17.00'

21.00'

2.83'

17.00'

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2.83'

15.99'

2.83'

14.38'

4.24'

20.04'

2.83'

54.30'

7.63'

29.52'

4.24'

36.44'

14.52'

680.19 OWS - 9 OWS - 11

680.22 OWS - 13 677.69'

 680.22
 OWS - 12 OWS - 14
 676.68' 676.84'

680.24 OWS - 16 677.69'

680.25 OWS - 15 676.51' OWS - 17 676.67'

680.26 OWS - 19 677.69'

680.28 OWS - 18 676.34' OWS - 20 676.50'

680.29 OWS - 22 677.69'

680.33 OWS - 24 676.01'

680.23 OWS - 26 677.78'

680.49 OWS - 28 676.83'

680.46 OWS - 29 676.80'

680.41 OWS - 32 675.68'

680.44 OWS - 33 675.64'

679.12 OWS - 34 675.28'

OWS - 21 676.17'

676.33'

676.25'

676.22'

675.98'

675.98'

680.31 OWS - 21 OWS - 23

680.27 OWS - 30 OWS - 27

680.35 OWS - 25 OWS - 31

680.00

680.00

680.00

680.00

680.00

680.73

676.85' 677.01'

10					
			2		
DOWNSTREAM	DOWNSTREAM				
IPE SIZE AND TYPE	PIPE SLOPE				
4" PVC 4" PVC	2.00%				Σ
4 PVC	1.00%		$\boldsymbol{\rho}$	11	WN, MA 02472 7) 576-0007 @CORE-STATES.COM
4" PVC	1.50%				72 ATES
4" PVC	11.72%		лI	LINS	0247 007 -STA
6" PVC	1.00%			ET 1	WATERTOWN, MA 02472 PHONE (617) 576-0007 AROSCOE@CORE-STATE:
4" PVC	1.50%			STRE	17) 00 00
4" PVC	17.73%			U U	
6" PVC	1.00%		5	GAL	WATE PHON AROS
4" PVC	1.50%				
4" PVC	23.74%	INC	LUDING TH	PREPARED BY CORE HIS DOCUMENT, ARE SPECIFIC PROJECT	TO BE USED
6" PVC	1.00%	USI EXT	e for Wh Ension o	CH THEY WERE INTI F USE TO ANY OTHE BY ANY OTHER PAP	ENDED. ANY R PROJECTS,
4" PVC	1.50%	COF	THE EXPRI RESTATES	ESSED WRITTEN CO . INC. IS DONE UNLA	NSENT OF
4" PVC	29.75%	OT	HER THAN	S OWN RISK. IF USI THAT SPECIFICALL LD CORESTATES, IN	Y INTENDED,
6" PVC	1.00%			ALL CLAIMS AND LO	
4" PVC	1.50%			CLIENT	
4" PVC	35.76%				
6" PVC	1.00%				
4" PVC	1.50%			AVEL CENT	ERS _Q
4" PVC	41.77%				
6" PVC	1.00%				
4" PVC 4" PVC	1.50% 47.79%		DII	OT TRAV	
6" PVC	1.00%			NTERS LI	
6" PVC	1.00%				
4" PVC	1.50%	5		LONAS R	
4" PVC 3" PVC	36.90%		KN(DXVILLE,	TN
3" PVC	1.00%			37909	
3" PVC	1.00%				
6" PVC	1.00%				
6" PVC	1.00%			81	
6" PVC	1.00%		Know wł	at'sbelow.	
6" PVC	1.00%	ELEVATIO	ON OF EXISTING U	Call before Difically cautioned that the LC TILITIES AS SHOWN ON THESE PLAI THE VARIOUS UTILITY COMPANIES, THE FIELD. CORESTATES, INC. DO	DCATION AND/OR NS IS BASED ON DESIGN AND WHERE POSSIBLE
6" PVC	1.50%	THAT LOO APPROPE	CATIONS SHOWN	ARE EXACT. THE CONTRACTOR ML APANIES AT LEAST 72 HOURS BEFC CATIONS OF UTILITIES.	JST CONTACT THE
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			- Com	ALAN D. ROSCOE	
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		I	l	AND ROSCOE R	-

ALAN D. ROSCOE, P.E. LICENSE # 40163 SHEET TITLE **OWS UTILITY** PLAN

SHEET NO.

C6.3

PIL.28950 02/10/20

1" = 30'

MF

KGF

JOB #:

SCALE:

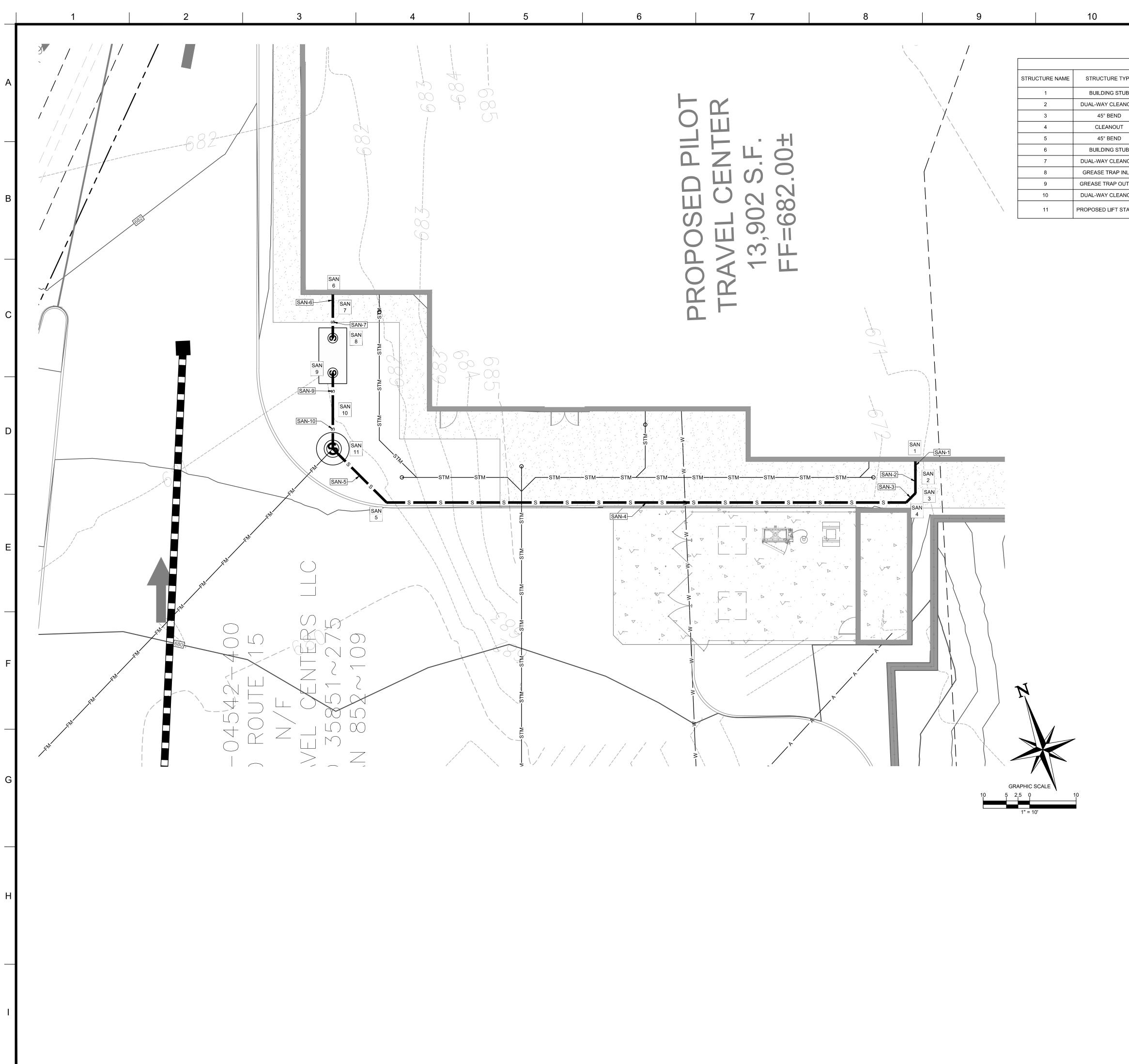
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GRAPHIC S

(ALERT TO CONTRACTOR:



User: KFURAO Plot Date/Time: Apr. 23, 20 - 11:35:37 Drawing: P:\Pilot Oil\Sturbridge, MA (400 Haynes Street)-PIL.28950\CIVIL\Drawings\Presentation\PIL.28950 - P - STRM.dwg ;C6.4 - Sanitary Sewer Utility Plan

			SANITARY S	TRUCTURE TABL	E			
YPE	RIM	UPSTREAM PIPE NAME	UPSTREAM PIPE INV	DOWNSTREAM PIPE NAME	DOWNSTREAM PIPE INV	DOWNSTREAM PIPE LENGTH	DOWNSTREAM PIPE SIZE AND TYPE	DOWNSTREAM PIPE SLOPE
UB	681.50			SAN-1	675.00'	1.77'	6" SDR-26 PVC	2.00%
NOUT	681.47	SAN-1	674.96'	SAN-2	674.96'	5.03'	6" SDR-26 PVC	2.00%
	681.35	SAN-2	674.86'	SAN-3	674.86'	2.83'	6" SDR-26 PVC	2.00%
Г	681.25	SAN-3	674.81'	SAN-4	674.81'	111.72'	6" SDR-26 PVC	2.00%
	681.51	SAN-4	672.57'	SAN-5	672.57'	16.36'	6" SDR-26 PVC	2.00%
ÜΒ	682.00			SAN-6	672.44'	2.39'	6" SDR-26 PVC	2.00%
NOUT	681.98	SAN-6	672.39'	SAN-7	672.39'	6.99'	6" SDR-26 PVC	2.00%
INLET	681.93	SAN-7	672.25'					
UTLET	681.91			SAN-9	672.57'	7.86'	6" SDR-26 PVC	2.00%
NOUT	681.87	SAN-9	672.41'	SAN-10	672.41'	8.45'	6" SDR-26 PVC	2.00%
STATION	681.79	SAN-5 SAN-10	672.25' 672.25'					

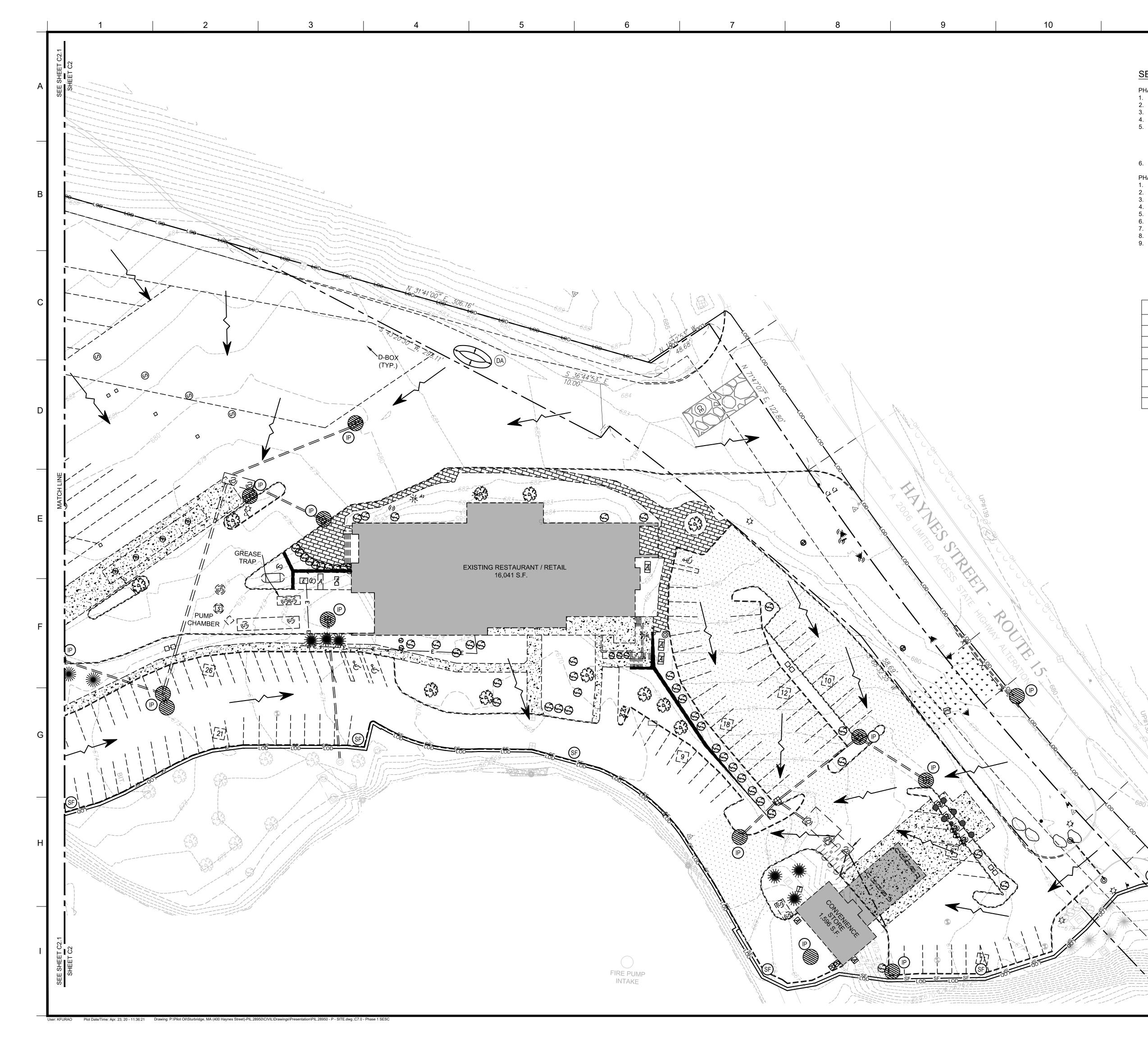
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		SAN	AN D. ROSO LICENSE # SHEET TARY TILITY	COE, P.E. 40163 TITLE SEW	
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ALERT TO CONTRACTOR:



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SEQUENCE OF CONSTRUCTION

- PHASE 1 INSTALL CONSTRUCTION EXIT AND ADDITIONAL BMP'S. 1
- PREPARE TEMPORARY PARKING AND STORAGE AREA. 2
- CONSTRUCT THE SILT FENCES ON THE SITE. 3. 4 INSTALL INLET PROTECTION AROUND ALL STORM SEWER STRUCTURES.
- HALT ALL ACTIVITIES AND CONTACT THE CIVIL ENGINEERING CONSULTANT TO 5. PERFORM INSPECTION OF BMP'S. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.

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6. SITE DEMOLITION/CLEARING.

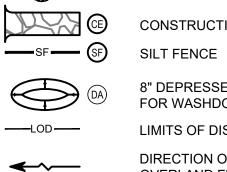
PHASE 2

- 1. INSTALL TANKS. INSTALL CANOPY AND BUILDING. 2.
- INSTALL PIPING, ELECTRICAL AND UTILITIES. 3.
- INSTALL CURBS AND ISLANDS. 4 INSTALL PAVING. 5
- SITE CLEAN UP.
- SET DISPENSERS AND CALIBRATE. 8.
- COMPLETE GRADING AND INSTALL LANDSCAPING. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AFTER FINAL STABILIZATION. TEMPORARY EROSION CONTROL MEASURES MUST BE REMOVED IN ACCORDANCE WITH EROSION AND SEDIMENT CONTROL REGULATIONS, HAS BEEN APPROVED BY THE CITY OF COCOA'S PUBLIC WORKS DEPARTMENT OR THE BUILDING INSPECTION DEPARTMENT.

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E&S PLAN LEGEND

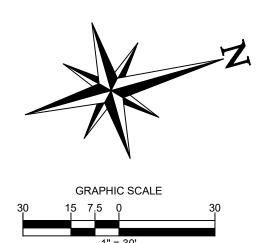
(\mathbb{P}) INLET PROTECTION



CONSTRUCTION ENTRANCE

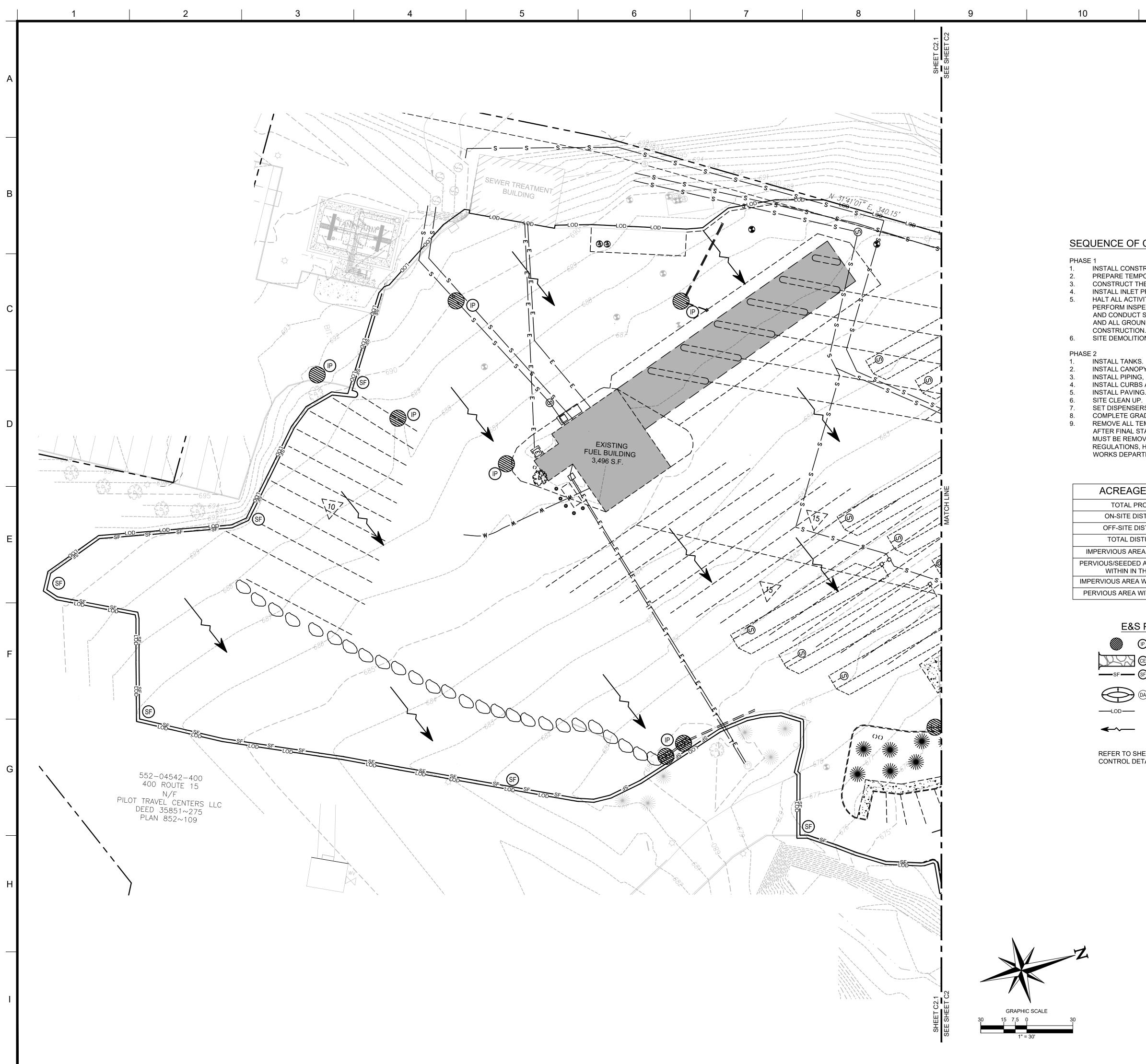
8" DEPRESSED AREA FOR WASHDOWN LIMITS OF DISTURBANCE DIRECTION OF OVERLAND FLOW

REFER TO SHEET CX AND CX FOR EROSION CONTROL DETAILS



(ALERT TO CONTRACTOR:

					GROUP	
					9 GALEN STREET, SUITE 117 WATERTOWN, MA 02472 PHONE (617) 576-0007	DE@CORE-STATES.COM
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SEQUENCE OF CONSTRUCTION

INSTALL CONSTRUCTION EXIT AND ADDITIONAL BMP'S. PREPARE TEMPORARY PARKING AND STORAGE AREA.

CONSTRUCT THE SILT FENCES ON THE SITE.

INSTALL INLET PROTECTION AROUND ALL STORM SEWER STRUCTURES. HALT ALL ACTIVITIES AND CONTACT THE CIVIL ENGINEERING CONSULTANT TO PERFORM INSPECTION OF BMP'S. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION. SITE DEMOLITION/CLEARING.

INSTALL CANOPY AND BUILDING.

INSTALL PIPING, ELECTRICAL AND UTILITIES. INSTALL CURBS AND ISLANDS.

INSTALL PAVING.

SET DISPENSERS AND CALIBRATE.

COMPLETE GRADING AND INSTALL LANDSCAPING.

REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AFTER FINAL STABILIZATION. TEMPORARY EROSION CONTROL MEASURES MUST BE REMOVED IN ACCORDANCE WITH EROSION AND SEDIMENT CONTROL REGULATIONS, HAS BEEN APPROVED BY THE CITY OF COCOA'S PUBLIC WORKS DEPARTMENT OR THE BUILDING INSPECTION DEPARTMENT.

REAGE SUMMARY (IN A	CRES)
OTAL PROJECT AREA	30.71
-SITE DISTURBED AREA	8.906
-SITE DISTURBED AREA	0.211
TAL DISTURBED AREA	9.117
OUS AREA WITHIN PROPERTY	6.557
SEEDED AREA AT COMPLETION THIN IN THE PROPERTY	2.349
IS AREA WITHIN RIGHT-OF-WAY	0.097
AREA WITHIN RIGHT-OF-WAY	0.114

E&S PLAN LEGEND

	INLET PROTECTION
	CONSTRUCTION ENTRANCE
SF — SF	SILT FENCE
	8" DEPRESSED AREA FOR WASHDOWN
od	LIMITS OF DISTURBANCE
~	DIRECTION OF OVERLAND FLOW

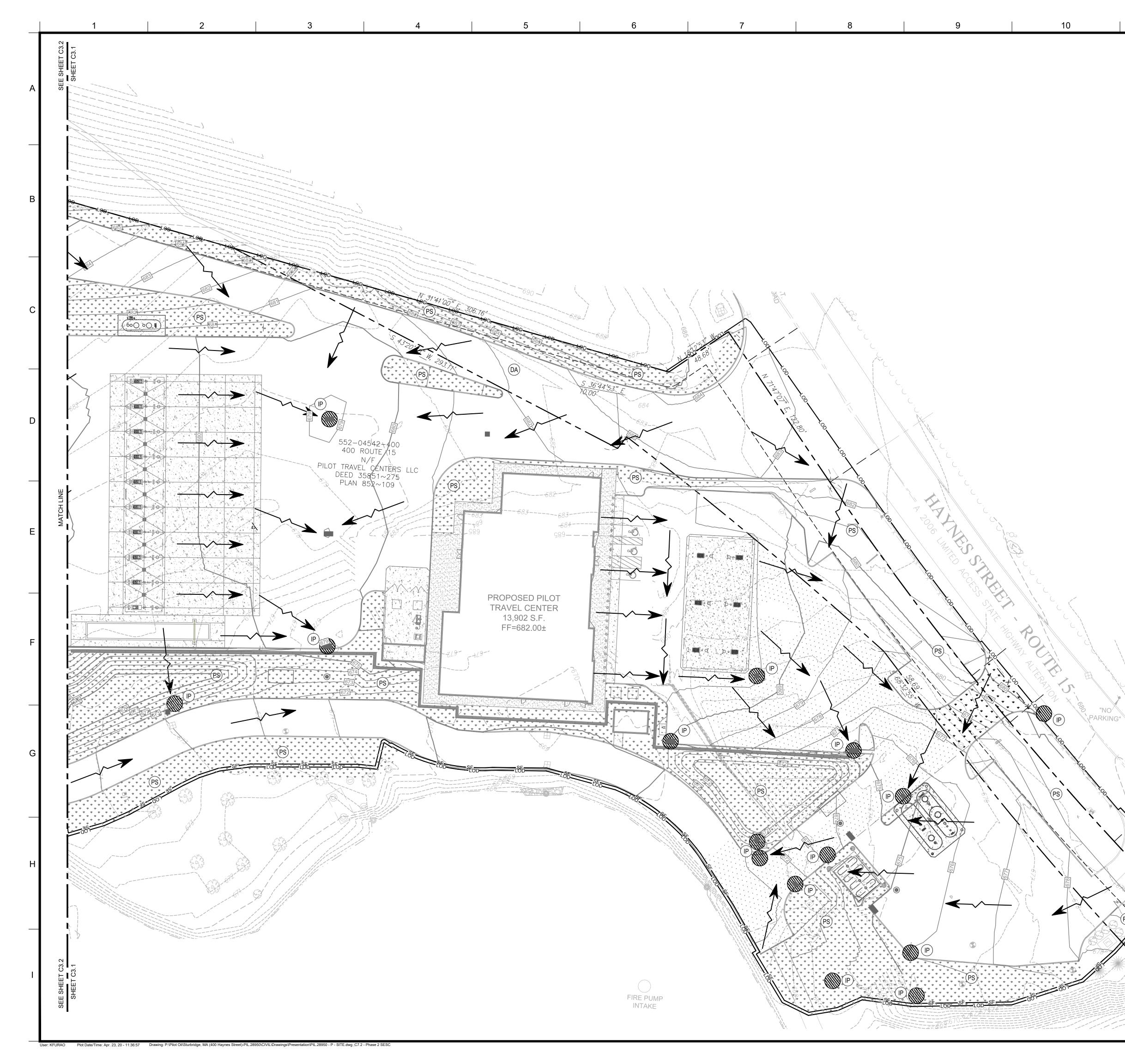
REFER TO SHEET CX AND CX FOR EROSION CONTROL DETAILS

0 62 U 5 0 9 DOCUMENTS PREPARED BY CORESTATES, INC INCLUDING THIS DOCUMENT, ARE TO BE USED INCLUDING THIS DOCUMENT, ARE TO BE USED ONLY FOR THE SPECIFIC PROJECT AND SPECIFIC USE FOR WHICH THEY WERE INTENDED. ANY EXTENSION OF USE TO ANY OTHER PROJECTS, BY OWNER OR BY ANY OTHER PARTY, WITHOUT THE EXPRESSED WRITTEN CONSENT OF CORESTATES, INC. IS DONE UNLAWFULLY AND AT THE USERS OWN RISK. IF USED IN A WAY OTHER THAN THAT SPECIFICALLY INTENDED, USED WILL HOL CODESTATES. INC. HADMMESS USER WILL HOLD CORESTATES, INC. HARMLES FROM ALL CLAIMS AND LOSSES. CLIENT PILOT TRAVEL CENTERS LLC. 5508 LONAS ROAD KNOXVILLE, TN 37909 81 Know what'sbel Call before you dig. UTIONED THAT THE LOCATION WN ARE EXACT. THE CONTRACTOR MUST CONTA COMPANIES AT LEAST 72 HOURS BEFORE ANY EX REVISIONS COMMENT DOCUMENT SITE PLAN APPROVAL SITE LOCATION 400 HAYNES STREET STURBRIDGE, MA 01566 ENGINEER SEAL ALAN D. ROSCOE, P.E. LICENSE # 40163 SHEET TITLE PHASE 1 SOIL **EROSION AND** SEDIMENT CONTROL JOB #: PIL.2895 02/10/20 DATE SCALE: 1" = 30' DRAWN BY: MP CHECKED BY: KGF

SHEET NO.

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ALERT TO CONTRACTOR:



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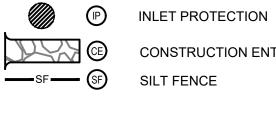
- PHASE 1 INSTALL CONSTRUCTION EXIT AND ADDITIONAL BMP'S. 1
- PREPARE TEMPORARY PARKING AND STORAGE AREA. CONSTRUCT THE SILT FENCES ON THE SITE.
- INSTALL INLET PROTECTION AROUND ALL STORM SEWER STRUCTURES. HALT ALL ACTIVITIES AND CONTACT THE CIVIL ENGINEERING CONSULTANT TO PERFORM INSPECTION OF BMP'S. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.
- SITE DEMOLITION/CLEARING. 6.

PHASE 2 INSTALL TANKS. 1

- INSTALL CANOPY AND BUILDING.
- INSTALL PIPING, ELECTRICAL AND UTILITIES. INSTALL CURBS AND ISLANDS.
- INSTALL PAVING.
- SITE CLEAN UP.
- SET DISPENSERS AND CALIBRATE.
- COMPLETE GRADING AND INSTALL LANDSCAPING. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AFTER FINAL STABILIZATION. TEMPORARY EROSION CONTROL MEASURES MUST BE REMOVED IN ACCORDANCE WITH EROSION AND SEDIMENT CONTROL REGULATIONS, HAS BEEN APPROVED BY THE CITY OF COCOA'S PUBLIC WORKS DEPARTMENT OR THE BUILDING INSPECTION DEPARTMENT.

ACREAGE SUMMARY (IN A	ACRES)
TOTAL PROJECT AREA	30.71
ON-SITE DISTURBED AREA	8.906
OFF-SITE DISTURBED AREA	0.211
TOTAL DISTURBED AREA	9.117
IMPERVIOUS AREA WITHIN PROPERTY	6.557
PERVIOUS/SEEDED AREA AT COMPLETION WITHIN IN THE PROPERTY	2.349
IMPERVIOUS AREA WITHIN RIGHT-OF-WAY	0.097
PERVIOUS AREA WITHIN RIGHT-OF-WAY	0.114

E&S PLAN LEGEND



CONSTRUCTION ENTRANCE SILT FENCE



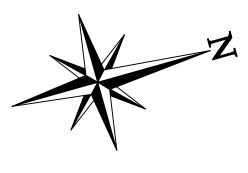
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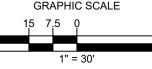
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LIMITS OF DISTURBANCE DIRECTION OF OVERLAND FLOW

PERMANENT SODING

REFER TO SHEET CX AND CX FOR EROSION CONTROL DETAILS





ALERT TO CONTRACTOR:

PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OF THE DRY UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM ENGINEER AND THE OWNER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. ENGINEER AND OWNER SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.

5 D 0 2 U ら 2 C DOCUMENTS PREPARED BY CORESTATES, INC INCLUDING THIS DOCUMENT, ARE TO BE USED ONLY FOR THE SPECIFIC PROJECT AND SPECIF USE FOR WHICH THEY WERE INTENDED. ANY EXTENSION OF USE TO ANY OTHER PROJECTS BY OWNER OR BY ANY OTHER PARTY, WITHOU THE EXPRESSED WRITTEN CONSENT OF CORESTATES, INC. IS DONE UNLAWFULLY AND AT THE USERS OWN RISK. IF USED IN A WAY OTHER THAN THAT SPECIFICALLY INTENDED, USER WILL HOLD CORESTATES, INC. HARMLES FROM ALL CLAIMS AND LOSSES. CLIENT PILOT TRAVEL CENTERS LLC. 5508 LONAS ROAD KNOXVILLE, TN 37909 Know what's below Call before you dig. UTIONED THAT THE LOCATION AN WN ARE EXACT. THE CONTRACTOR MUST CONTACT COMPANIES AT LEAST 72 HOURS BEFORE ANY EXC/ REVISIONS COMMEN DOCUMENT SITE PLAN APPROVAL SITE LOCATION 400 HAYNES STREET STURBRIDGE, MA 01566 ENGINEER SEAL ALAN D. ROSCOE, P.E. LICENSE # 40163 SHEET TITLE PHASE 2 SOIL **EROSION AND** SEDIMENT CONTROL JOB #: PIL.2895 02/10/20 SCALE: 1" = 30' DRAWN BY: MP CHECKED BY: KGF SHEET NO.



SEQUENCE OF CONSTRUCTION PHASE 1 INSTALL CONSTRUCTION EXIT AND ADDITIONAL BMP'S. PREPARE TEMPORARY PARKING AND STORAGE AREA. CONSTRUCT THE SILT FENCES ON THE SITE. INSTALL INLET PROTECTION AROUND ALL STORM SEWER STRUCTURES. CONSTRUCTION. 6. SITE DEMOLITION/CLEARING. PHASE 2 INSTALL TANKS. INSTALL CANOPY AND BUILDING. INSTALL PIPING, ELECTRICAL AND UTILITIES. INSTALL CURBS AND ISLANDS. INSTALL PAVING. SITE CLEAN UP. SET DISPENSERS AND CALIBRATE. COMPLETE GRADING AND INSTALL LANDSCAPING. REGULATIONS, HAS BEEN APPROVED BY THE CITY OF COCOA'S PUBLIC WORKS DEPARTMENT OR THE BUILDING INSPECTION DEPARTMENT. ACREAGE SUMMARY (IN ACRES) TOTAL PROJEC ON-SITE DISTURE OFF-SITE DISTUR TOTAL DISTURB IMPERVIOUS AREA WIT PERVIOUS/SEEDED AREA WITHIN IN THE PI IMPERVIOUS AREA WITH PERVIOUS AREA WITHIN E&S PLAN LEGEND INLET PROTECTION CONSTRUCTION ENTRANCE SILT FENCE LIMITS OF DISTURBANCE ____LOD ____

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REFER TO SHEET CX AND CX FOR EROSION CONTROL DETAILS

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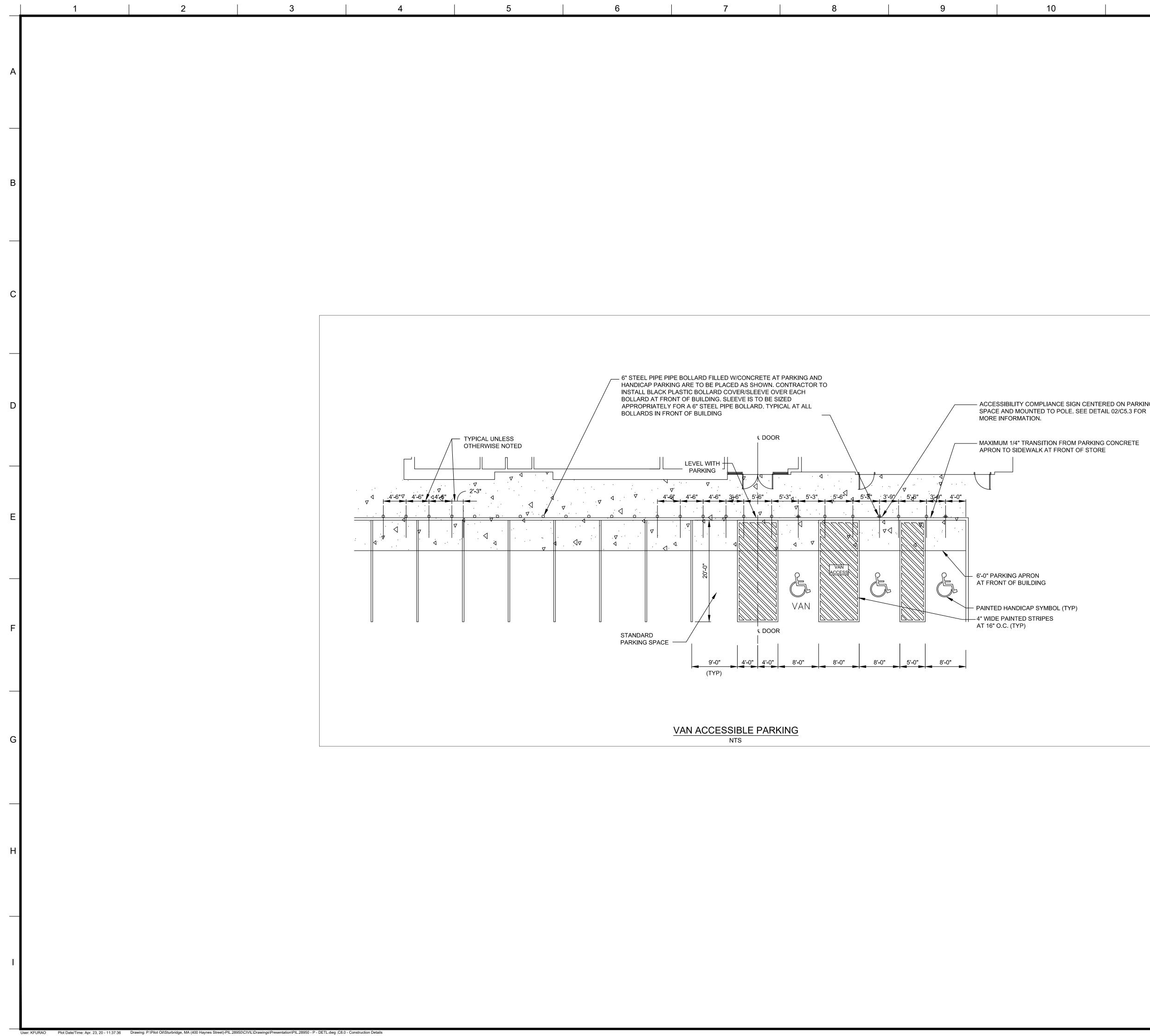
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- DIRECTION OF
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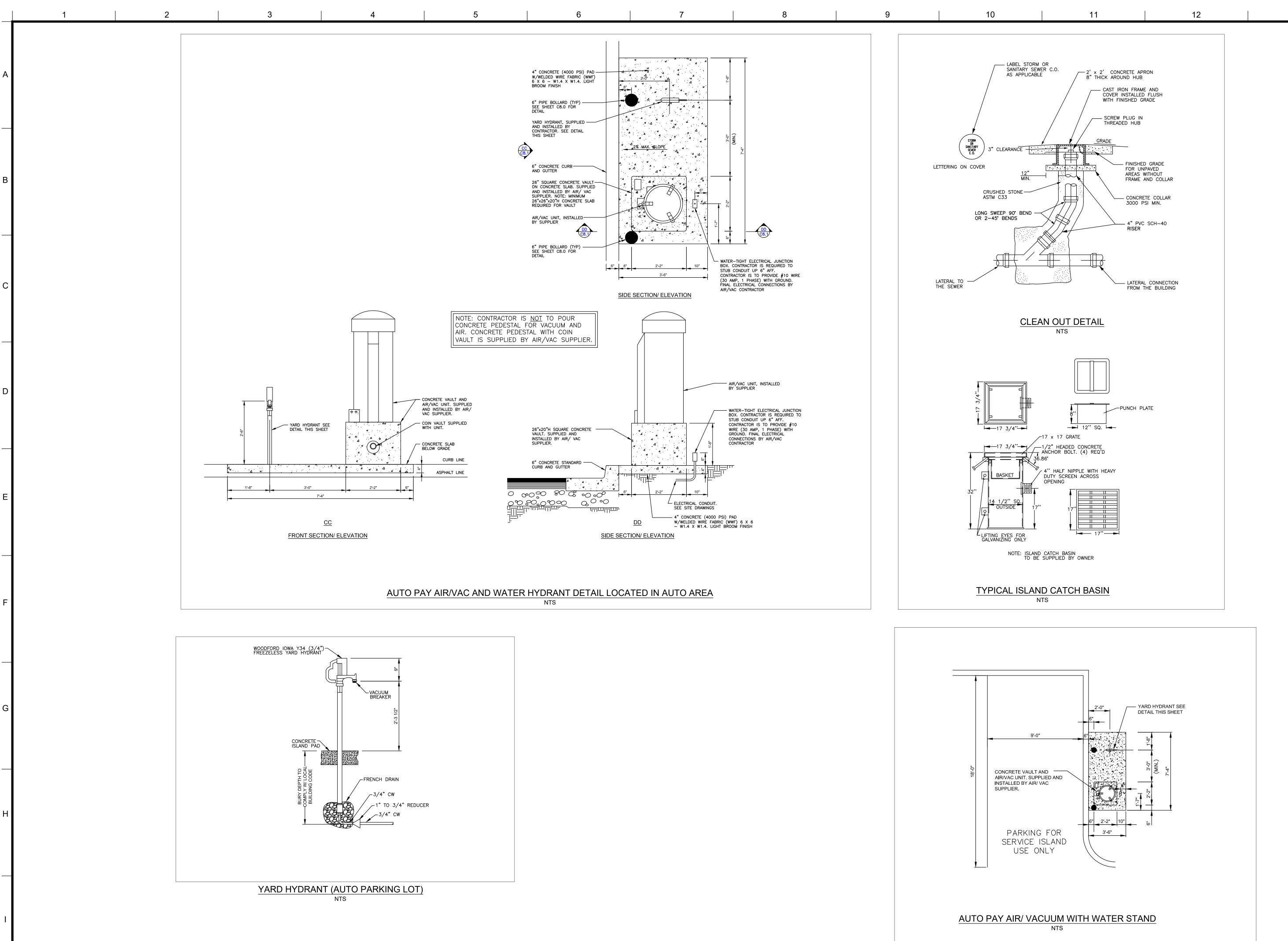
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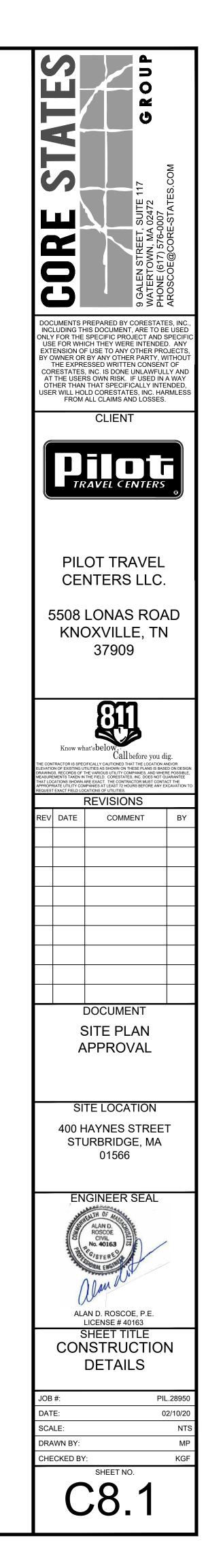
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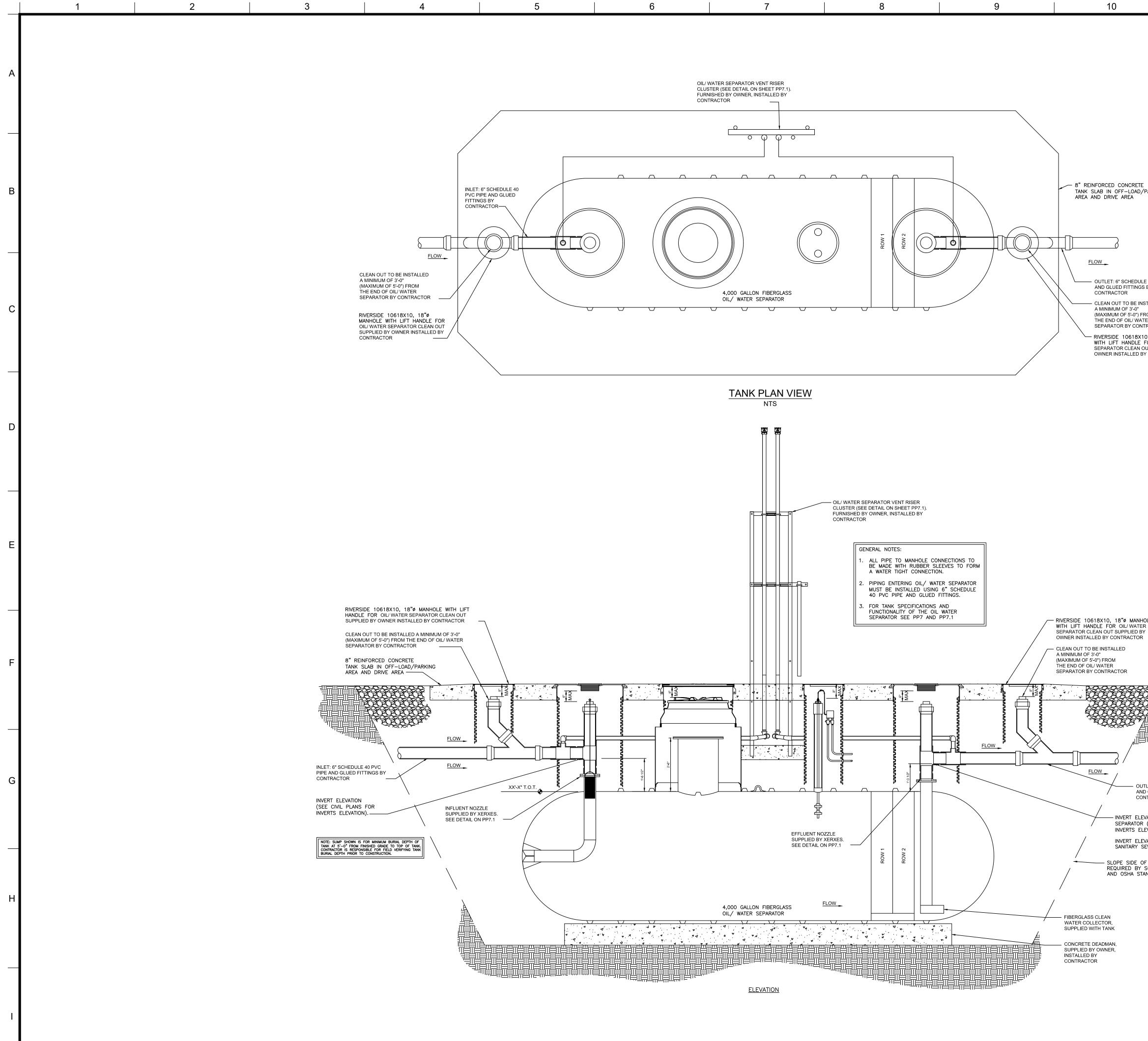
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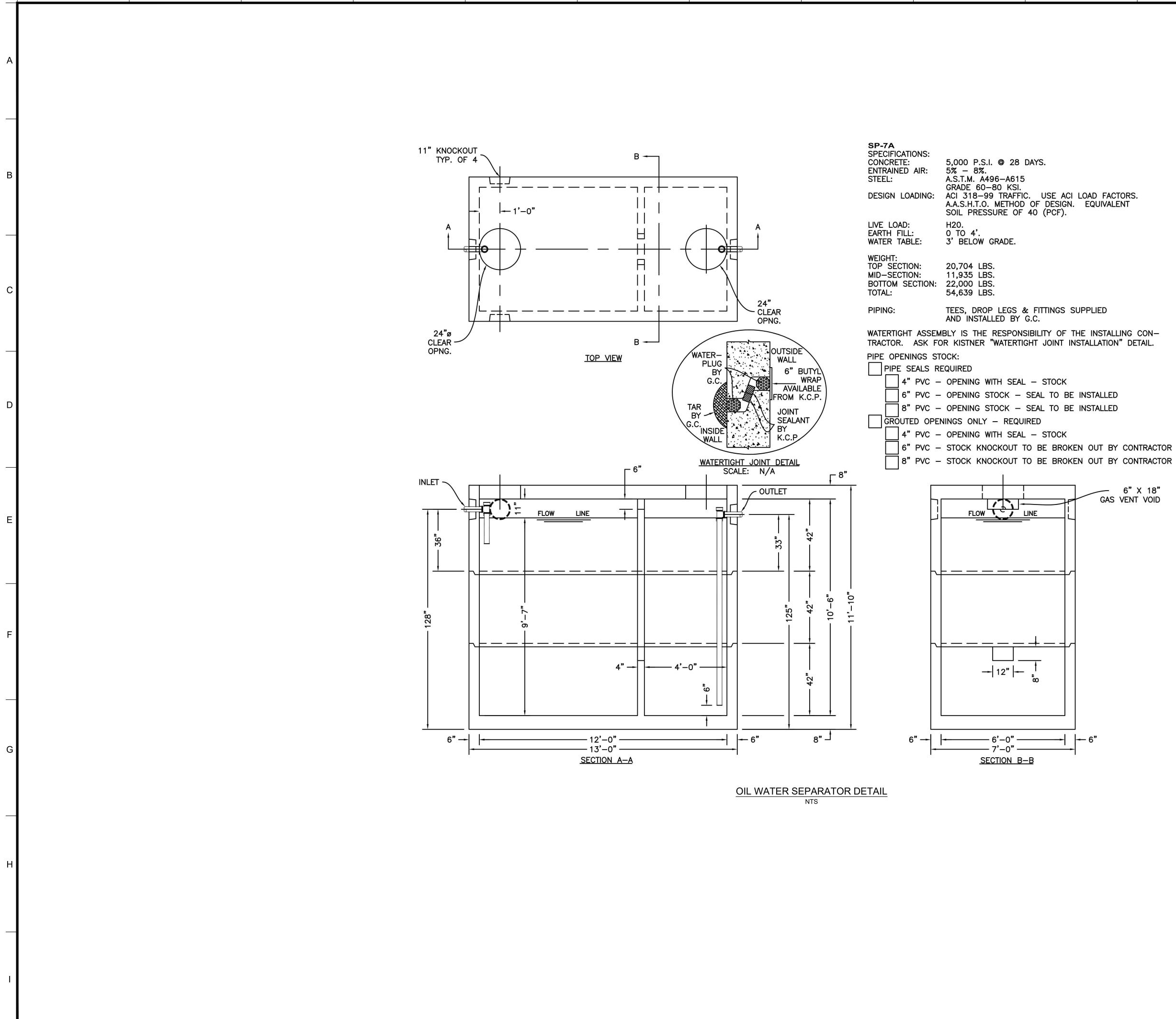




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