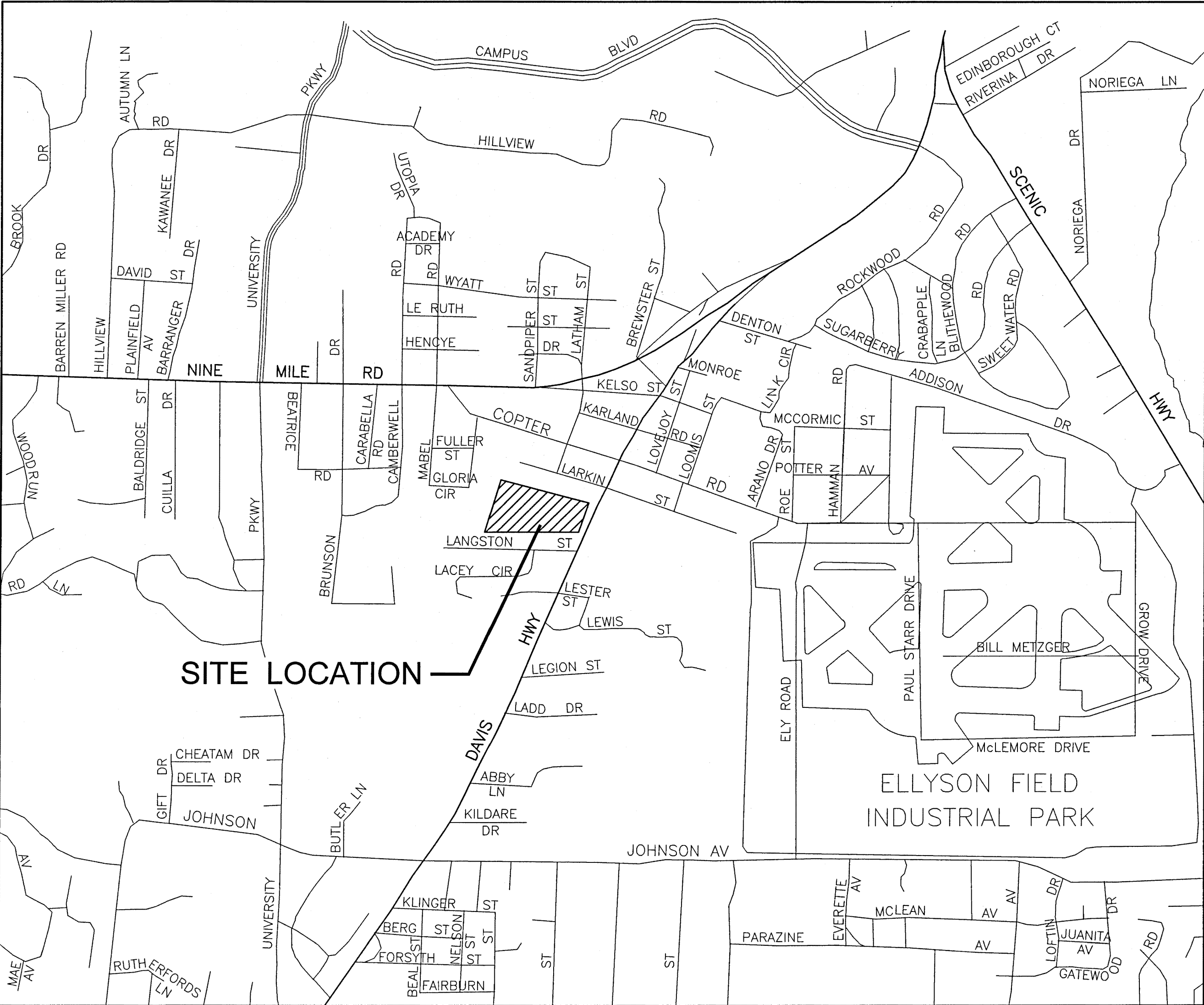


SITE CONSTRUCTION PLANS
FOR
DAVIS ANIMAL HOSPITAL
9051 NORTH DAVIS HIGHWAY
PENSACOLA, FLORIDA 32514

OWNER/DEVELOPER:
DAVIS ANIMAL HOSPITAL LLC
8560 N DAVIS HWY
PENSACOLA, FL 32514

ENGINEER:
KENNETH HORNE & ASSOCIATES, INC.
7201 N. 9th AVENUE, SUITE 6
PENSACOLA, FLORIDA 32504
PHONE: (850) 471-9005

SURVEYOR:
PITTMAN, GLASE & ASSOCIATES, INC
5700 N DAVIS HWY, SUITE 3
PENSACOLA, FL 32503
PHONE: (850) 434-6666



SITE LOCATION MAP
NO SCALE

Approved
ESCAMBIA COUNTY DRC PLAN REVIEW

DRC Chairman Signature: *[Signature]* Date: *6-30-21*

Printed Name: *Sandra Hampton*

Development Services Director or Designee

This document has been reviewed in accordance with the requirements of applicable Escambia County Regulations and Ordinances, and does not in any way relieve the submitting Architect, Engineer, Surveyor or other signatory from responsibility of details as drawn. A Development Order (DO) must be obtained through the Development Review Process prior to the commencement of construction. This DO approval does not constitute approval by any other agency. All additional state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of a building permit.

ISSUE DATE: 02-15-2021

REVISIONS		
#	Description	Date

STOA
Architects

121 E. GOVERNMENT STREET
PENSACOLA, FL 32502
(850) 432-1912
FL LIC. AA0003564

KH&A

7201 NORTH 9th, SUITE 6,
PENSACOLA, FLORIDA 32504
(850) 471-9005
Consultant

[Professional Engineer Seal]
Seal

Davis Animal Hospital
9051 N Davis Hwy, Pensacola, Florida 32514
COVER SHEET

DRAWN BY: R TILLMAN
DESIGNED BY: N KING
CHECKED BY: N KING
PROJECT NO: 20016
SHEET NUMBER
C-000

1

2

3

4

5

GENERAL NOTES:

1. ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO ESCAMBIA COUNTY STANDARDS.

2. CONTRACTOR SHALL NOTIFY THE OWNER FORTY-EIGHT HOURS PRIOR TO BEGINNING CONSTRUCTION.

3. ALL LANDSCAPING SHALL COMPLY WITH ARTICLE 7 OF THE ESCAMBIA COUNTY LAND DEVELOPMENT CODE.

4. ALL WORK WITHIN THE RIGHT-OF-WAYS SHALL CONFORM TO ESCAMBIA COUNTY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) AND F.D.O.T. STANDARD DETAILS AND SPECIFICATIONS (LATEST EDITION).

5. CONTRACTOR SHALL FILE A "NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES." CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THIS PERMIT THROUGHOUT THE COURSE OF CONSTRUCTION.

6. THE OWNER WILL BE RESPONSIBLE FOR SUBMITTING THE NOTICE OF COMMENCEMENT AND FOR MONITORING CONSTRUCTION. THE ENGINEER OF RECORD WILL BE RESPONSIBLE FOR SUBMITTING THE AS-BUILT CERTIFICATION.

7. THE GENERAL CONTRACTOR IS TO MAINTAIN (CUT AND WATER) THE VEGETATION INSIDE THE CONSTRUCTION FENCE DURING ENTIRE CONSTRUCTION.

8. TEMPORARY SECURITY FENCE AND ALL REMNANTS THEREOF SHALL BE REMOVED WHEN PROJECT IS COMPLETE.

9. ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER OF RECORD WILL ASSIST CONTRACTOR WITH ANY REQUIRED PERMITS. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BE BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AGENCIES.

10. ROLL GRADE BEFORE AND ROLL SOD AFTER PLACEMENT TO ENSURE SMOOTH FINAL GRADE. NO RUTTING WILL BE ACCEPTABLE AT PROJECT CLOSE-OUT.

11. CONTRACTOR SHALL VIEW SITE SPECIFIC GEOTECHNICAL REPORT PRIOR TO BIDDING FOR ADDITIONAL REQUIREMENTS / INFORMATION ON SITE PREPARATION, FILL, EARTHWORK QUALITY CONTROL, BUILDING FOUNDATION, AND STORMWATER POND.

12. CONTRACTOR SHALL HAUL AWAY ALL EXCESS MATERIAL AND DEBRIS AND DISPOSE OF OFFSITE IN A LEGAL MANNER.

13. FOR STAGING, EQUIPMENT STORAGE, EMPLOYEE PARKING, AND SITE ACCESS, COORDINATE WITH OWNER.

14. PROPERTY OBSTRUCTIONS WHICH ARE TO REMAIN IN PLACE, SUCH AS BUILDINGS, SEWER, DRAINS, WATER OR GAS PIPES, ELECTRICAL, CONDUITS, POLES, WALLS, POST, ETC., ARE TO BE CAREFULLY PROTECTED AND ARE NOT TO BE DISPLACED UNLESS NOTED.

15. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.

16. ALL AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITY SHALL BE SODDED W/ TIFWAY 419 BERMUDA. ALL PLASTIC BACKING SHALL BE REMOVED FROM SOD PRIOR TO INSTALLATION.

17. THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT 850-595-3472. AS BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.

18. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE CONTRACTOR PRIOR TO FINAL "AS-BUILT" SIGN-OFF FROM THE COUNTY.

19. CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL IN ACCORDANCE WITH FDOT STANDARD INDEX 600 (LATEST EDITION), FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) AND IN ACCORDANCE WITH ALL PERMIT REQUIREMENTS.

20. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING IN ORDER TO FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS AND THE EXTENT OF CLEARING AND GRUBBING REQUIRED.

21. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.

22. CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHT-OF-WAY.

23. ALL DEBRIS RESULTING FROM PROPOSED DEMOLITION WILL BE DISPOSED OF IN A LEGAL MANNER AND WILL CONFORM TO ANY AND ALL STATE AND LOCAL REGULATIONS AND/OR ORDINANCES WHICH GOVERN SUCH ACTIVITIES.

24. NO DEMOLITION DEBRIS WILL BE STOCKPILED OR GATHERED ON THE PROJECT SITE WITHOUT PRIOR AUTHORIZATION OF THE OWNER.

25. ALL PAVEMENT MARKINGS AND STRIPING SHALL BE THERMOPLASTIC AND INSTALLED ACCORDING TO FDOT STANDARD INDEX, LATEST EDITION.

26. ALL SIGNS SHALL BE INSTALLED PER FDOT STANDARD INDEX 11865, LATEST EDITION, WIND ZONE NO. 1.

27. PRIOR TO CONSTRUCTION A SEPARATE BUILDING INSPECTION DEPARTMENT PERMIT(S) SHALL BE OBTAINED FOR ALL RETAINING WALL(S) HIGHER THAN 2 FEET.

28. OWNER/CONTRACTOR SHALL OBTAIN A SIGN PERMIT THROUGH ESCAMBIA COUNTY PRIOR TO ERECTING OR CONSTRUCTING ANY SITE BUILDING SIGNS. ADDITIONAL RESTRICTIONS MAY APPLY.

STORMWATER NOTES:

1. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY "AS BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE "AS BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.

2. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.

3. ALL NEW STORMWATER RUNOFF IS TO BE DIRECTED TO THE NEW STORMWATER COLLECTION SYSTEM.

4. RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.

5. TRENCHING AND GRADING AROUND TREES WHICH ARE TO REMAIN SHALL BE AWAY FROM THE TREE IN A MANNER TO CAUSE NO DAMAGE TO THE TREE.

6. DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT AND STABILIZE RETENTION/DETENTION PONDS AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION.

7. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPOGRAPHY OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.

8. A COPY OF THE NFWFMD ERP PERMIT WILL BE KEPT ON SITE AT ALL TIMES.

9. THE CONTRACTOR IS REQUIRED TO REVIEW THE COMPLETE NFWFMD PERMIT PRIOR TO CONSTRUCTION COMMENCEMENT.

10. THE ENGINEER OF RECORD, NICHOLAS R. KING, SHALL BE RESPONSIBLE FOR MONITORING CONSTRUCTION, ENSURING THAT THE NOTICE OF COMMENCEMENT IS FILED WITH THE NFWFMD AND THAT THE AS-BUILT CERTIFICATION IS PROVIDED WHEN THE PROJECT IS COMPLETED.

11. ALL NEW BUILDING ROOF DRAINS, DOWNSPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS.

UTILITY COMPANIES:

UTILITY INFORMATION SHOWN AS PER FIELD INFORMATION AND INFORMATION FURNISHED BY UTILITY COMPANIES INVOLVED.
TELEPHONE - AT & T, INC., 605 WEST GARDEN STREET, PENSACOLA, FLORIDA 32501; (850) 436-1616
ELECTRIC - GULF POWER COMPANY, 9220 PINE FOREST ROAD, PENSACOLA, FLORIDA 32534; (850) 484-5770
SANITARY SEWER/WATER - EMERALD COAST UTILITY AUTHORITY, ELLYSON INDUSTRIAL PARK, PENSACOLA, FLORIDA; (850) 476-5110
NATURAL GAS - PENSACOLA ENERGY, 16 SOUTH PALAFOX STREET, PENSACOLA, FLORIDA; (850) 474-5322

UTILITY NOTES:

1. CONTRACTOR SHALL LOCATE, SUPPORT & PROTECT EXISTING UTILITIES TO REMAIN, AS REQUIRED. ALL KNOWN UTILITIES ARE SHOWN IN AN APPROXIMATE LOCATION ONLY. CONTRACTOR SHALL UTILIZE GROUND PENETRATING RADAR OR EQUIVALENT TO LOCATE ALL EXISTING UTILITIES WITHIN ALL AREAS OF CONSTRUCTION. CONTRACTOR SHALL CONFIRM HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES TO BE RELOCATED AND/OR IN DIRECT CONFLICT WITH CONSTRUCTION ACTIVITIES. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES WITH VARIOUS UTILITY COMPANIES PRIOR TO CONSTRUCTION.

2. IF EXISTING UTILITY LINES ABOVE OR BELOW GROUND ARE DISTURBED DUE TO CONSTRUCTION ACTIVITY THEY WILL BE RELOCATED AS PER UTILITY OWNER AND OWNER REQUIREMENTS.

3. NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN RIGHT-OF-WAY; 1-800-432-4770

4. LOCATION OF EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATE ONLY AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION AND DEPTHS BEFORE BEGINNING CONSTRUCTION. FAILURE OF THE PLANS TO SHOW THE EXISTENCE OF ANY UNDERGROUND UTILITIES, STRUCTURES, ETC., SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF PRESERVING AND PROTECTING SAID UTILITIES OR STRUCTURES.

EROSION CONTROL NOTES:

1. HAY BALES OR SILT FENCE SHALL BE PLACED AS REQUIRED. POSTS FOR SILT FENCE SHALL BE AT A DEPTH TO RESIST OVERTURNING, THE BOTTOM EDGE OF THE FABRIC SHALL BE BELOW GRADE AND COVERED WITH SOIL. SUPPLEMENT WITH HAY BALES AS REQUIRED TO PREVENT THE PASSAGE OF SOIL MATERIALS. HAY BALES ARE TO BE PROPERLY PLACED AND STAKED. (SEE TYPICAL DETAILS)

2. ISOLATED AREAS OF CONSTRUCTION MAY NEED TO BE ADDRESSED BY THE CONTRACTOR AS FIELD CONDITIONS DICTATE.

3. UPON COMPLETION OF CONSTRUCTION, ALL DISTURBED AREAS ARE TO BE STABILIZED WITH SOD.

4. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT EROSION CONTROL MEASURES USED ARE MAINTAINED AND FULLY FUNCTIONAL DURING RAINFALL EVENTS.

5. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION.

6. CONTRACTOR SHALL INSPECT AND REESTABLISH EROSION CONTROL BARRIERS WEEKLY AND AFTER EVERY SIGNIFICANT STORM EVENT.

SITE DATA:

PROPERTY REFERENCE NO: 16-1S-30-2104-000-000
16-1S-30-2103-000-000
PROPERTY ADDRESS: 9051 NORTH DAVIS HIGHWAY
ZONING: HC/LI, COM, MDR
FLU: MU-U
PROPOSED USE: ANIMAL HOSPITAL
PROJECT AREA DISTURBED: 3.00 ACRES
POND BASIN AREA: 3.32 ACRES
EXISTING IMPERVIOUS AREA: 0.04 ACRES
PROPOSED IMPERVIOUS AREA: 1.02 ACRES
PROPOSED PERVIOUS AREA: 2.30 ACRES

THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE X, (MINIMAL RISK AREAS OUTSIDE THE 1 PERCENT & .2 PERCENT ANNUAL CHANCE FLOODPLAINS. NO BFE'S OR BASE FLOOD DEPTHS ARE SHOWN WITHIN THESE ZONES), AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOR INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBER 12033C0315G, MAP REVISION DATED SEPTEMBER 29, 2006.

Davis Animal Hospital

9051 N Davis Hwy, Pensacola, Florida 32514

GENERAL NOTES

ISSUE DATE: 02-15-2021

REVISIONS

#	Description	Date

STOA Architects

121 E. GOVERNMENT STREET
PENSACOLA, FL 32502
(850) 432-1912
FL. LIC. AA0003564

KH&A

7201 NORTH 9th, SUITE 6,
PENSACOLA, FLORIDA 32504
(850) 471-9005
Consultant

NICHOLAS R. KING
73915
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Seal

DRAWN BY: R TILLMAN

DESIGNED BY: N KING

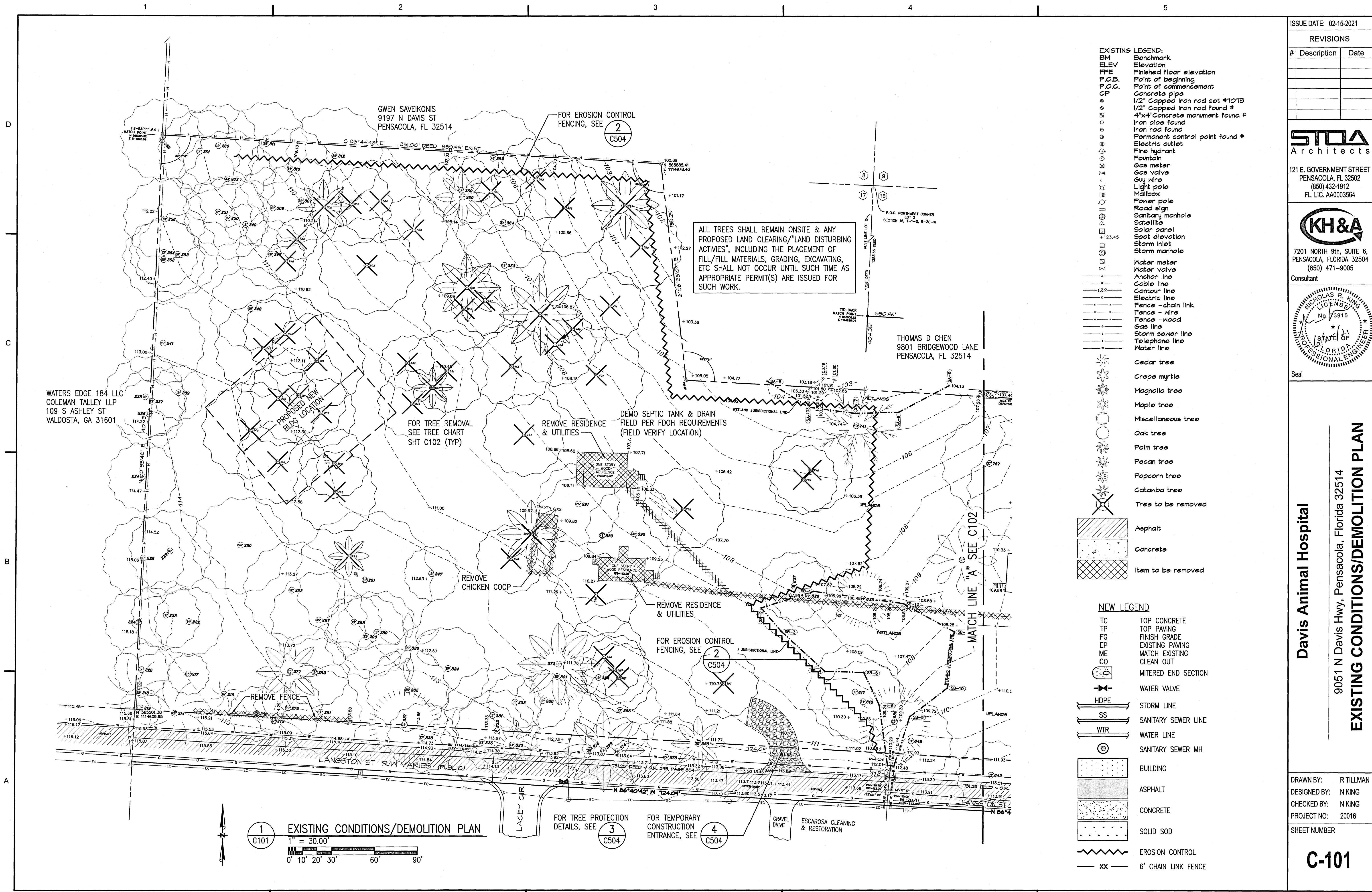
CHECKED BY: N KING

PROJECT NO: 20016

SHEET NUMBER

C-001

PERMIT SET



ISSUE DATE: 02-15-2021

REVISIONS		
#	Description	Date

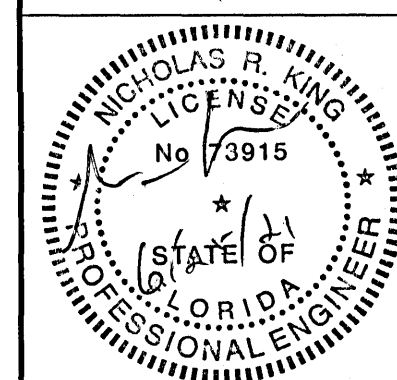
STOA
Architects

121 E. GOVERNMENT STREET
PENSACOLA, FL 32502
(850) 432-1912
FL. LIC. AA0003564

KH&A

7201 NORTH 9th, SUITE 6,
PENSACOLA, FLORIDA 32504
(850) 471-9005

Consultant



Seal

Davis Animal Hospital
9051 N Davis Hwy, Pensacola, Florida 32514
EXISTING CONDITIONS/DEMOLITION PLAN

DRAWN BY: R TILLMAN
DESIGNED BY: N KING
CHECKED BY: N KING
PROJECT NO: 20016

SHEET NUMBER

C-101

PERMIT SET

POINT	TYPE TREE	DIAMETER IN INCHES	1/2 SPREAD IN FEET	STATUS
214	Cedar	20	25	REMAIN
216	Cedar	16	10	REMAIN
217	Oak	15 Twin	15	REMAIN
218	Cedar	22	10	REMAIN
219	Oak	12	15	REMAIN
220	Oak	14	20	REMAIN
222	Oak	14	25	REMAIN
223	Oak	22	25	REMAIN
224	Oak	19 Twin	25	REMAIN
228	Oak	18	30	REMAIN
229	Oak	18 Twin	30	REMAIN
230	Oak	54	35	REMAIN
234	Oak	18	25	REMAIN
235	Oak	13	25	REMAIN
237	Oak	13	25	REMAIN
238	Oak	18	30	REMAIN
239	Oak	12	20	REMAIN
241	Oak	19	30	REMAIN
242	Oak	39	35	REMOVE
245	Oak	35	35	REMOVE
246	Oak	20	30	REMAIN
247	Oak	20	25	REMAIN
248	Oak	12	15	REMOVE
249	Oak	12	15	REMAIN
250	Oak	16	30	REMAIN
251	Oak	12	25	REMAIN
252	Oak	20	30	REMAIN
253	Oak	22	30	REMAIN
254	Oak	13	25	REMAIN
256	Oak	18	30	REMAIN
259	Oak	14	30	REMAIN
260	Oak	18	30	REMAIN
261	Oak	17	30	REMAIN
262	Oak	33	35	REMAIN
277	Magnolia	35 Triple	25	REMAIN
278	Oak	29 Triple	25	REMAIN
279	Cedar	32 Cluster	25	REMAIN
280	Oak	13 Twin	20	REMAIN
281	Oak	14	30	REMAIN
282	Oak	16 Twin	25	REMAIN
287	Oak	35	35	REMAIN

POINT	TYPE TREE	DIAMETER IN INCHES	1/2 SPREAD IN FEET	STATUS
288	Oak	13	20	REMAIN
289	Oak	18	30	REMAIN
290	Oak	15	30	REMAIN
291	Oak	51 Quad	50	REMAIN
292	Magnolia	13 Twin	15	REMOVE
293	Oak	32	35	REMAIN
295	Oak	16	30	REMOVE
296	Oak	12	25	REMOVE
297	Oak	16	25	REMOVE
298	Oak	19	35	REMOVE
299	Oak	18	30	REMOVE
301	Oak	39	35	REMOVE
302	Oak	19	30	REMOVE
303	Oak	38 Twin	35	REMOVE
304	Oak	16	30	REMOVE
305	Oak	17	30	REMOVE
306	Magnolia	13	20	REMOVE
307	Oak	22	30	REMAIN
308	Oak	13	15	REMOVE
309	Oak	13	30	REMAIN
310	Oak	14	30	REMAIN
311	Oak	18	30	REMAIN
312	Oak	20	35	REMAIN
316	Oak	14	30	REMOVE
325	Oak	23	30	REMAIN
330	Pecan	14	20	REMAIN
331	Oak	17	35	REMAIN
332	Oak	16	30	REMAIN
333	Oak	21	20	REMAIN
334	Oak	19	30	REMAIN
335	Oak	25	30	REMAIN
336	Maple	20	25	REMAIN
337	Miscellaneous	18	25	REMAIN
338	Oak	17	25	REMAIN
347	Oak	13	20	REMAIN
349	Oak	15	25	REMOVE
350	Magnolia	12 Twin	15	REMOVE
351	Oak	16	30	REMOVE
352	Oak	22	20	REMOVE
353	Oak	19	30	REMOVE
354	Oak	21	25	REMOVE
355	Oak	30	30	REMOVE

POINT	TYPE TREE	DIAMETER IN INCHES	1/2 SPREAD IN FEET	STATUS
356	Magnolia	14	25	REMOVE
358	Oak	14	25	REMOVE
359	Oak	14	25	REMAIN
360	Magnolia	12	20	REMAIN
361	Oak	17	30	REMOVE
362	Oak	40	35	REMAIN
363	Oak	19	30	REMOVE
364	Oak	24	35	REMAIN
372	Magnolia	16	30	REMAIN
373	Magnolia	17	30	REMAIN
374	Oak	14	25	REMAIN
375	Palm	18	3	REMAIN
378	Oak	24	30	REMAIN
380	Oak	12	20	REMAIN
381	Miscellaneous	12	20	REMAIN
382	Oak	16	30	REMOVE
383	Oak	13	25	REMOVE
384	Cedar	13	15	REMAIN
385	Oak	13	25	REMOVE
386	Oak	13	30	REMAIN
388	Oak	18	30	REMOVE
389	Oak	48 Twin	50	REMAIN
390	Oak	30	35	REMAIN
391	Oak	26	30	REMAIN
392	Magnolia	16	25	REMOVE
393	Oak	21	25	REMOVE
402	Oak	54	50	REMOVE
407	Oak	35	35	REMOVE
408	Oak	17	30	REMOVE
409	Oak	14	25	REMOVE
410	Magnolia	21	30	REMOVE
411	Oak	12	25	REMOVE
412	Oak	26	30	REMOVE
553	Oak	21	30	REMAIN
554	Magnolia	16	25	REMAIN
555	Oak	48	35	REMAIN
588	Magnolia	12	20	REMAIN
597	Oak	17	25	REMOVE
617	Oak	32	35	REMAIN
618	Oak	24	30	REMAIN
625	Miscellaneous	19	20	REMAIN
626	Oak	19	25	REMAIN

POINT	TYPE TREE	DIAMETER IN INCHES	1/2 SPREAD IN FEET	STATUS
627	Oak	18	25	REMAIN
635	Miscellaneous	15	25	REMAIN
648	Oak	24	30	REMAIN
649	Oak	21	25	REMAIN
660	Palm	19	10	REMAIN
661	Oak	13	30	REMAIN
662	Oak	19	30	REMAIN
674	Oak	22	30	REMAIN
703	Oak	24	35	REMAIN
706	Oak	22	30	REMAIN
707	Oak	14	25	REMAIN
708	Oak	16	25	REMAIN
713	Oak	16	30	REMAIN
717	Miscellaneous	17	20	REMAIN
718	Oak	27 Twin	30	REMAIN
730	Popcorn	32 Triple	25	REMAIN
736	Oak	24	30	REMOVE
739	Oak	21	25	REMOVE
740	Oak	32 Twin	30	REMOVE
741	Catawba	43 Triple	30	REMAIN
767	Oak	37	35	REMAIN
768	Oak	48	35	REMAIN
773	Oak	25	30	REMAIN
774	Oak	23	30	REMAIN
823	Oak	38	35	REMAIN
836	Palm	20	5	REMAIN
839	Oak	25	30	REMAIN
840	Oak	15	25	REMAIN
841	Cedar	26 Damaged	10	REMAIN
842	Oak	13	20	REMAIN
843	Oak	18	25	REMAIN
844	Oak	16	20	REMAIN
845	Oak	22	25	REMAIN
846	Oak	13	20	REMAIN
858	Pecan	14	25	REMAIN
872	Palm	12	5	REMAIN
873	Palm	12	5	REMAIN
898	Popcorn	18	20	REMAIN
899	Oak	19	25	REMAIN
900	Cedar	17	15	REMAIN
901	Oak	12	20	REMAIN

CERTIFIED TO MEET STANDARDS OF PRACTICE TO:
DAVIS ANIMAL HOSPITAL, LLC
SYNOVUS BANK
KNIGHT BARRY TITLE SOLUTIONS INC
WESTCOR LAND TITLE INSURANCE COMPANY

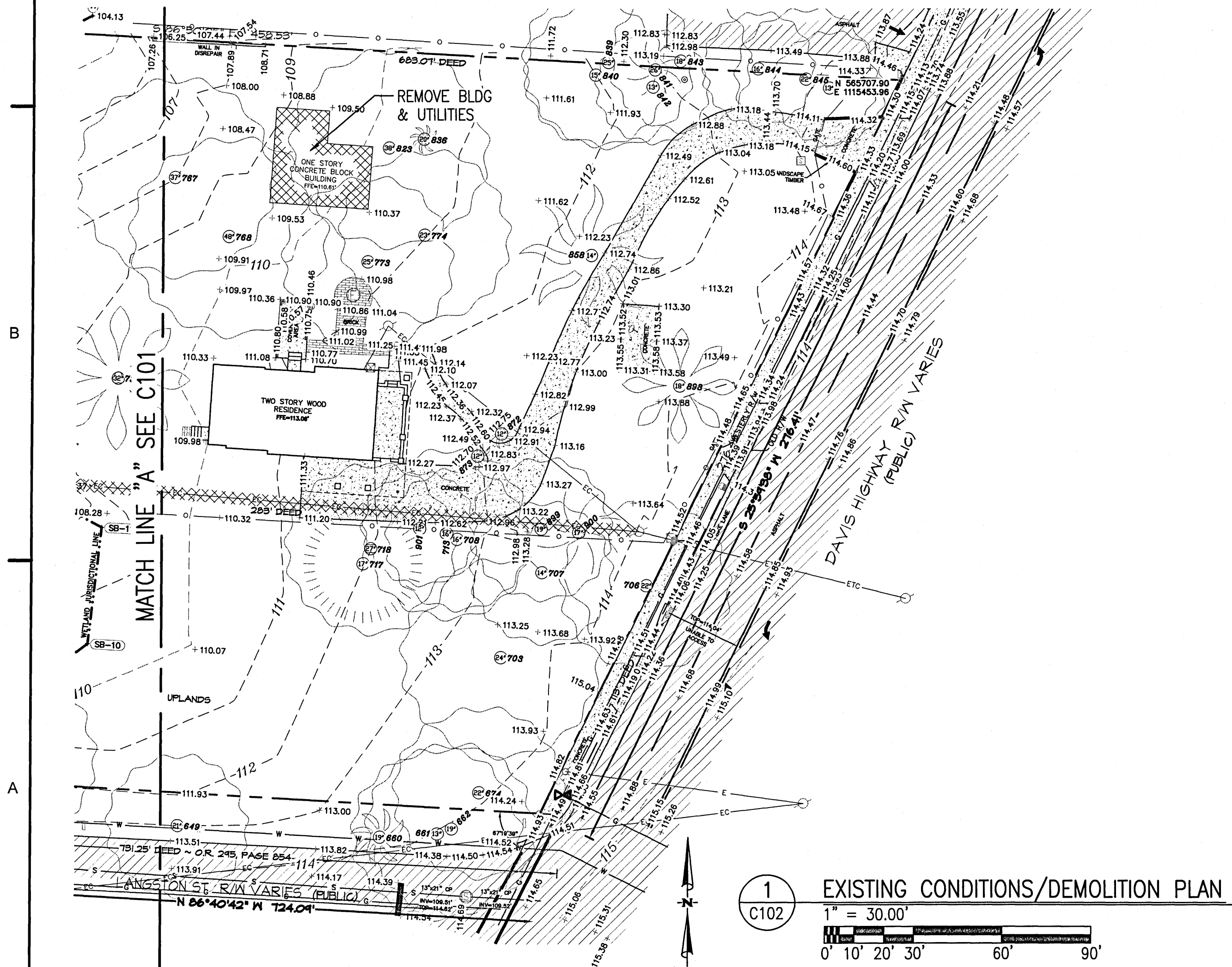
BENCHMARKS:
48-04-C01HV - F.D.O.T. CONCRETE MONUMENT IN THE SOUTHWEST CORNER OF THE INTERSECTION OF DAVIS HIGHWAY AND COPTER ROAD.
ELEVATION = 114.63'
1714/14 - A PK NAIL IN THE NORTH SIDE OF A POWER POLE LOCATED IN THE SOUTH RIGHT OF WAY OF LANGSTON STREET AND 120'+/- WEST OF DAVIS HIGHWAY.
ELEVATION = 113.65'
1714/14A - AN "X" IN THE MODE SOUTHERLY BOLT OF A FIRE HYDRANT LOCATED IN THE SOUTH RIGHT OF WAY OF LANGSTON STREET AND 485'+/- WEST OF DAVIS HIGHWAY.
ELEVATION = 116.00'

- SURVEYOR'S NOTES:
- THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. THE SURVEYOR DOES NOT CERTIFY THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES OR THAT THEY ARE THE EXACT SIZE, MATERIAL, OR LOCATION AS INDICATED.
 - THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
 - THIS SURVEY IS SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.
 - THIS SURVEY IS SUBJECT TO SETBACKS, EASEMENTS, AND RESTRICTIONS OF RECORD.
 - TO ASSURE THE CONTRACTOR IS ON THE SAME VERTICAL AND HORIZONTAL DATUM AS THIS SURVEY, IT IS STRONGLY RECOMMENDED THAT VERTICAL CHECKS BE MADE BETWEEN TWO BENCHMARKS AND THAT HORIZONTAL CHECKS BE MADE BETWEEN THREE CONTROL POINTS OR PROPERTY CORNERS.
 - SUB-SURFACE IMPROVEMENTS, IF ANY, NOT LOCATED.
 - DUE TO CURRENT SAFETY REGULATIONS, WE ARE UNABLE TO ACCESS ANY SEWER MANHOLES AND/OR STRUCTURES IN ORDER TO VERIFY PIPE SIZE OR MATERIAL. PIPE SIZE AND MATERIAL HAS BEEN SHOWN AS PER PLANS OR BY APPROXIMATE MEASUREMENTS. IT IS STRONGLY RECOMMENDED THAT SIZE AND MATERIAL ARE VERIFIED BEFORE ANY DESIGN WORK BEGINS.
 - COORDINATES SHOWN ARE STATE PLANE COORDINATES REFERENCED TO N.A.D. 83 DATUM, 2011 ADJUSTMENT, FLORIDA NORTH ZONE AND EXPRESSED IN U.S. SURVEY FEET.
 - COORDINATES ARE DERIVED BY USING THE TRIMBLE AND FLORIDA DEPARTMENT OF TRANSPORTATION CONTINUOUSLY OPERATING REFERENCE STATION (CORS) NETWORK.

REMOVED TREES TOTAL DIAMETER (DBH) = 905'
MINIMUM REQUIRED REPLACEMENT (50%) = 453'

LEGAL DESCRIPTION:

PARCEL "A"
(O.R. 6449, PAGE 456)
COMMENCING AT THE NORTHWEST CORNER OF LOT 2, SECTION 16, TOWNSHIP 1 SOUTH, RANGE 30 WEST, THENCE SOUTH A DISTANCE OF 1758 FEET, THENCE EAST A DISTANCE OF 150 FEET TO THE POINT OF BEGINNING, THENCE CONTINUE SAME COURSE A DISTANCE OF 115 FEET, THENCE NORTH A DISTANCE OF 104.35 FEET, THENCE WEST A DISTANCE OF 115 FEET, THENCE SOUTH A DISTANCE OF 104.35 FEET TO THE POINT OF BEGINNING.
AND
COMMENCING AT THE NORTHWEST CORNER OF LOT 2, SECTION 16, TOWNSHIP 1 SOUTH, RANGE 30 WEST, THENCE SOUTH A DISTANCE OF 1758 FEET, THENCE EAST A DISTANCE OF 265 FEET TO A POINT OF BEGINNING, THENCE CONTINUE SAME COURSE A DISTANCE OF 85 FEET, THENCE NORTH A DISTANCE OF 104.35 FEET, THENCE WEST A DISTANCE OF 85 FEET, THENCE SOUTH A DISTANCE OF 104.35 FEET TO THE POINT OF BEGINNING.
AND
COMMENCING AT A CONCRETE MONUMENT 1758 FEET SOUTH OF THE NORTHWEST CORNER OF LOT 2, IN SECTION 16, TOWNSHIP 1 SOUTH, RANGE 30 WEST, IN ESCAMBIA COUNTY, FLORIDA; THENCE RUN EAST AT AN ANGLE OF 90 DEGREES 39.5' A DISTANCE OF 350 FEET TO A POINT FOR THE POINT OF BEGINNING; THENCE RUN NORTH 104.35 FEET; THENCE RUN EAST 141.5 FEET; THENCE RUN SOUTH 10 FEET; THENCE RUN EAST 283 FEET TO THE WEST LINE OF FERRY PASS HWY.; THENCE RUN SOUTHWESTERLY ALONG THE WEST LINE OF THE HIGHWAY A DISTANCE OF 103 FEET; THENCE RUN WESTERLY 376 FEET TO POINT OF BEGINNING.
ALL BEING IN ESCAMBIA COUNTY, FLORIDA. LESS AND EXCEPT THE EASTERLY PORTION OF SAID PROPERTY AS PUBLIC RIGHT-OF-WAY DESCRIBED IN O.R. BOOK 295, AT PAGE 854, OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.
PARCEL B
(OFFICIAL RECORD BOOK 4117, PAGE 1766)
COMMENCING AT A CONCRETE MONUMENT ON THE WEST LINE OF SECTION 16, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA; SAID POINT BEING 1,758 FEET SOUTH OF THE NORTHWEST CORNER OF SAID SECTION; THENCE RUN NORTHWARD FOR 104.35 FEET ALONG THE WEST LINE OF SAID SECTION TO AN IRON PIPE MONUMENT; THENCE CONTINUE NORTHWARD ALONG SAID WEST LINE OF SECTION 16 FOR 150 FEET TO A STAKE, THENCE 90°39' 30" RIGHT FOR 150 FEET FOR THE POINT OF BEGINNING OF THE PROPERTY HERE BY CONVEYED; THENCE CONTINUE THE COURSE JUST RUN FOR A DISTANCE OF 683.07 FEET TO A STAKE ON THE WEST RIGHT-OF-WAY LINE OF THE OLD PENSACOLA-FERRY PASS ROAD (80' R/W), THENCE SOUTHWESTERLY ALONG THE WESTERLY RIGHT-OF-WAY LINE OF OLD PENSACOLA-FERRY PASS ROAD AT AN EXTERIOR ANGLE OF 112° 45' RIGHT A DISTANCE OF 173.50 FEET, THENCE 67° 15' RIGHT FOR 275.48 FEET; THENCE 90° 00' RIGHT FOR 10 FEET; THENCE 90°00' LEFT FOR 338.77 FEET; THENCE 89°20' 30" RIGHT FOR 150 FEET TO THE POINT OF BEGINNING, ALL LYING AND BEING IN SECTION 16, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA. LESS AND EXCEPT ANY PORTION OF PROPERTY LYING WITHIN RIGHT OF WAY FOR STATE ROAD 291.
(OFFICIAL RECORD BOOK 4419, PAGE 82)
FROM THE NORTHWEST CORNER OF SECTION 16, TOWNSHIP 1 SOUTH, RANGE 30 WEST, RUN SOUTHERLY 1758.00 FEET, MORE OR LESS, ALONG THE WEST LINE OF SAID SECTION 16 TO A CONCRETE MONUMENT ON THE SAID WEST LINE OF SAID SECTION 16; THENCE RUN NORTHERLY ALONG SAID WEST LINE OF SAID SECTION 254.35 FEET FROM SAID CONCRETE MONUMENT TO A FENCE FOR THE POINT OF BEGINNING; THENCE CONTINUE NORTHERLY 150.00 FEET ALONG SAID WEST LINE OF SECTION 16 TO A POINT; THENCE RUN EASTERLY AT AN ANGLE OF 90 DEGREES 39.5' FROM SAID WEST LINE OF SAID SECTION 16 A DISTANCE OF 351.00 FEET TO A POINT; THENCE AT AN INTERIOR ANGLE OF 100 DEGREES 00' RUN SOUTHERLY 150.00 FEET TO A POINT; THENCE RUN WESTERLY 375.1 FEET TO THE POINT OF BEGINNING. ALL LYING, BEING AND SITUATE IN ESCAMBIA COUNTY, FLORIDA.
(OFFICIAL RECORD BOOK 4132, PAGE 604)
COMMENCE AT THE NORTHWEST CORNER OF SECTION 16, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA; THENCE SOUTH 00 DEGREES 00'00" EAST ALONG THE WEST LINE OF SAID SECTION 16 A DISTANCE OF 1758.00 FEET TO THE NORTH RIGHT OF WAY LINE OF LANGSTON STREET FOR THE POINT OF BEGINNING; THENCE SOUTH 89 DEGREES 17'35" EAST ALONG SAID NORTH RIGHT OF WAY LINE A DISTANCE OF 150.00 FEET; THENCE NORTH 00 DEGREES 00'00" EAST A DISTANCE OF 254.00 FEET; THENCE NORTH 89 DEGREES 17'35" WEST A DISTANCE OF 150.00 FEET TO THE WEST LINE OF SAID SECTION 16; THENCE SOUTH 00 DEGREES 00'00" EAST ALONG SAID WEST LINE A DISTANCE OF 254.00 FEET TO THE POINT OF BEGINNING. SUBJECT TO A 20' ACCESS EASEMENT FOR INGRESS AND EGRESS LYING 10' EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE: COMMENCE AT THE NORTHWEST CORNER OF SECTION 16, TOWNSHIP 1 SOUTH, RANGE 30 WEST, ESCAMBIA COUNTY, FLORIDA; THENCE SOUTH 00 DEGREES 00'00" EAST ALONG THE WEST LINE OF SAID SECTION 16 A DISTANCE OF 1504.00 FEET; THENCE SOUTH 89 DEGREES 17'35" EAST A DISTANCE OF 140.00 FEET FOR THE POINT OF BEGINNING; THENCE SOUTH 00 DEGREES 00'00" WEST A DISTANCE OF 254.00 FEET FOR THE POINT OF TERMINATION OF SAID CENTERLINE OF AND EASEMENT.



ISSUE DATE: 02-15-2021

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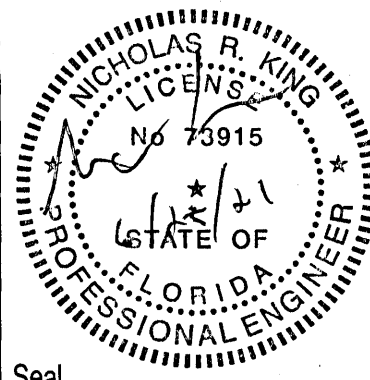
STOA
Architects

121 E. GOVERNMENT STREET
PENSACOLA, FL 32502
(850) 432-1912
FL. LIC. AA0003564

KH&A

7201 NORTH 9th, SUITE 6,
PENSACOLA, FLORIDA 32504
(850) 471-9005

Consultant



Seal

Davis Animal Hospital

9051 N Davis Hwy, Pensacola, Florida 32514

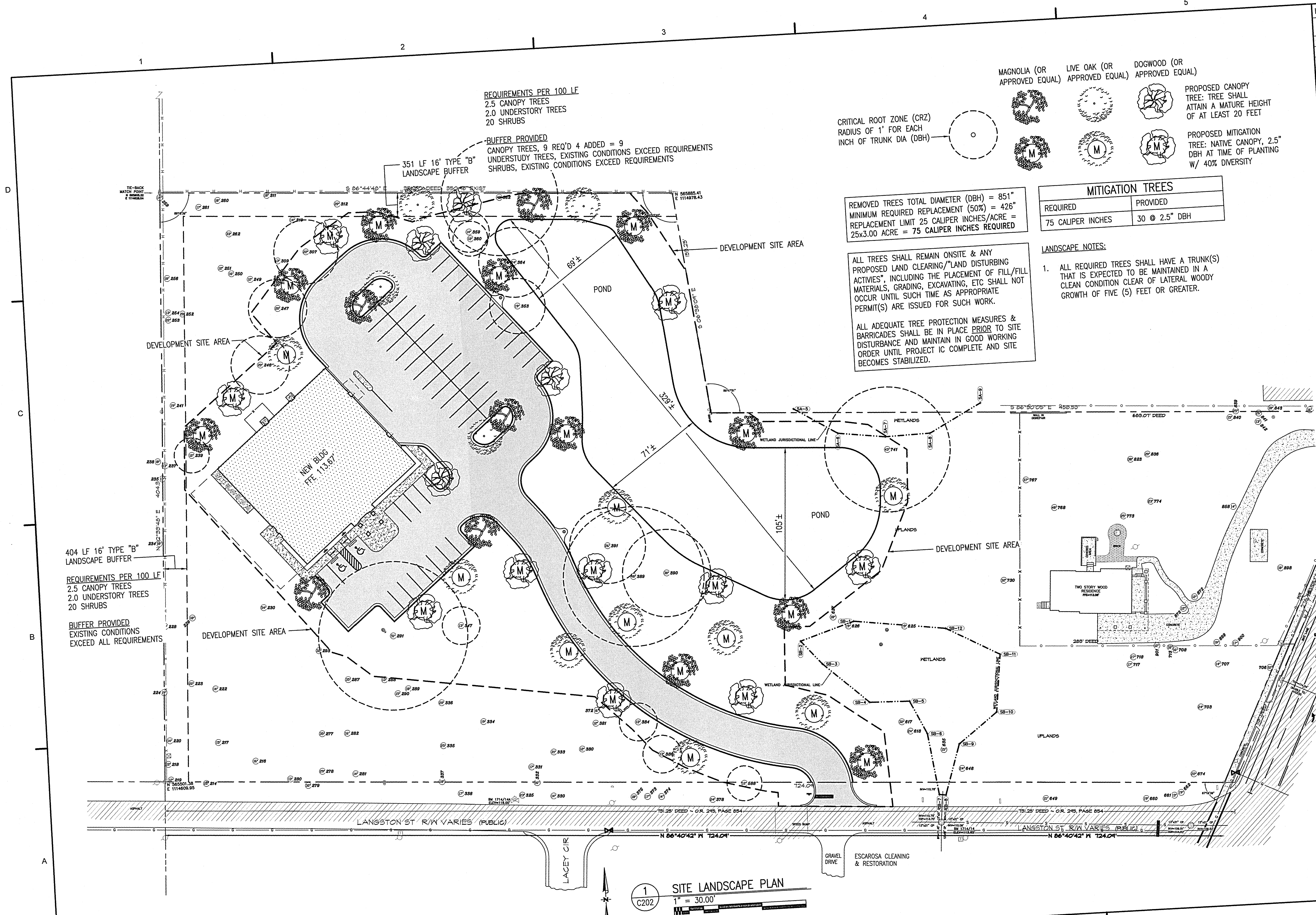
EXISTING CONDITIONS/DEMOLITION PLAN

DRAWN BY: R TILLMAN
DESIGNED BY: N KING
CHECKED BY: N KING
PROJECT NO: 20016

SHEET NUMBER

C-102

PERMIT SET



REQUIREMENTS PER 100 LF
2.5 CANOPY TREES
2.0 UNDERSTORY TREES
20 SHRUBS

BUFFER PROVIDED
CANOPY TREES, 9 REQ'D 4 ADDED = 9
UNDERSTORY TREES, EXISTING CONDITIONS EXCEED REQUIREMENTS
SHRUBS, EXISTING CONDITIONS EXCEED REQUIREMENTS

351 LF 16' TYPE "B"
LANDSCAPE BUFFER

404 LF 16' TYPE "B"
LANDSCAPE BUFFER

REQUIREMENTS PER 100 LF
2.5 CANOPY TREES
2.0 UNDERSTORY TREES
20 SHRUBS

BUFFER PROVIDED
EXISTING CONDITIONS
EXCEED ALL REQUIREMENTS

CRITICAL ROOT ZONE (CRZ)
RADIUS OF 1' FOR EACH
INCH OF TRUNK DIA (DBH)

MAGNOLIA (OR APPROVED EQUAL)

LIVE OAK (OR APPROVED EQUAL)

DOGWOOD (OR APPROVED EQUAL)

PROPOSED CANOPY TREE: TREE SHALL ATTAIN A MATURE HEIGHT OF AT LEAST 20 FEET

PROPOSED MITIGATION TREE: NATIVE CANOPY, 2.5" DBH AT TIME OF PLANTING W/ 40% DIVERSITY

REMOVED TREES TOTAL DIAMETER (DBH) = 851"
MINIMUM REQUIRED REPLACEMENT (50%) = 426"
REPLACEMENT LIMIT 25 CALIPER INCHES/ACRE = 25x3.00 ACRE = 75 CALIPER INCHES REQUIRED

MITIGATION TREES	
REQUIRED	PROVIDED
75 CALIPER INCHES	30 @ 2.5" DBH

ALL TREES SHALL REMAIN ONSITE & ANY PROPOSED LAND CLEARING/"LAND DISTURBING ACTIVITIES", INCLUDING THE PLACEMENT OF FILL/FILL MATERIALS, GRADING, EXCAVATING, ETC SHALL NOT OCCUR UNTIL SUCH TIME AS APPROPRIATE PERMIT(S) ARE ISSUED FOR SUCH WORK.

ALL ADEQUATE TREE PROTECTION MEASURES & BARRICADES SHALL BE IN PLACE PRIOR TO SITE DISTURBANCE AND MAINTAIN IN GOOD WORKING ORDER UNTIL PROJECT IS COMPLETE AND SITE BECOMES STABILIZED.

- LANDSCAPE NOTES:
- ALL REQUIRED TREES SHALL HAVE A TRUNK(S) THAT IS EXPECTED TO BE MAINTAINED IN A CLEAN CONDITION CLEAR OF LATERAL WOODY GROWTH OF FIVE (5) FEET OR GREATER.

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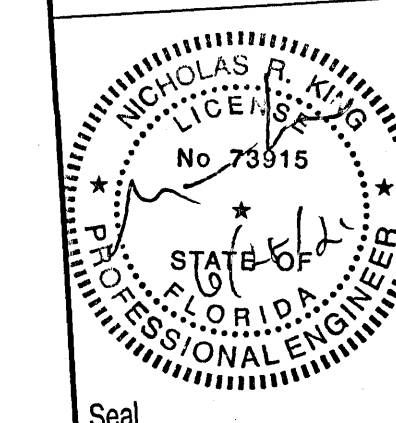
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STOA
Architects

121 E. GOVERNMENT STREET
PENSACOLA, FL 32502
(850) 432-1912
FL LIC. AA0003564

KH&A

7201 NORTH 9th, SUITE 6,
PENSACOLA, FLORIDA 32504
(850) 471-9005
Consultant



Davis Animal Hospital

9051 N Davis Hwy, Pensacola, Florida 32514

SITE LANDSCAPE PLAN

DRAWN BY: R TILLMAN
DESIGNED BY: N KING
CHECKED BY: N KING
PROJECT NO: 20016
SHEET NUMBER

C-202

PERMIT SET

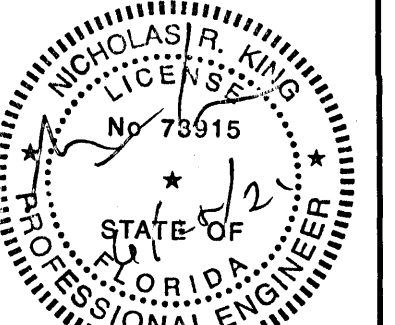
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STOA
Architects121 E. GOVERNMENT STREET
PENSACOLA, FL 32502
(850) 432-1912
FL. LIC. AA0003564**KH&A**7201 NORTH 9th, SUITE 6,
PENSACOLA, FLORIDA 32504
(850) 471-9005

Consultant



Seal

Davis Animal Hospital

9051 N Davis Hwy, Pensacola, Florida 32514

SITE GRADING PLAN

DRAWN BY: R TILLMAN
DESIGNED BY: N KING
CHECKED BY: N KING
PROJECT NO: 20016

SHEET NUMBER

C-301

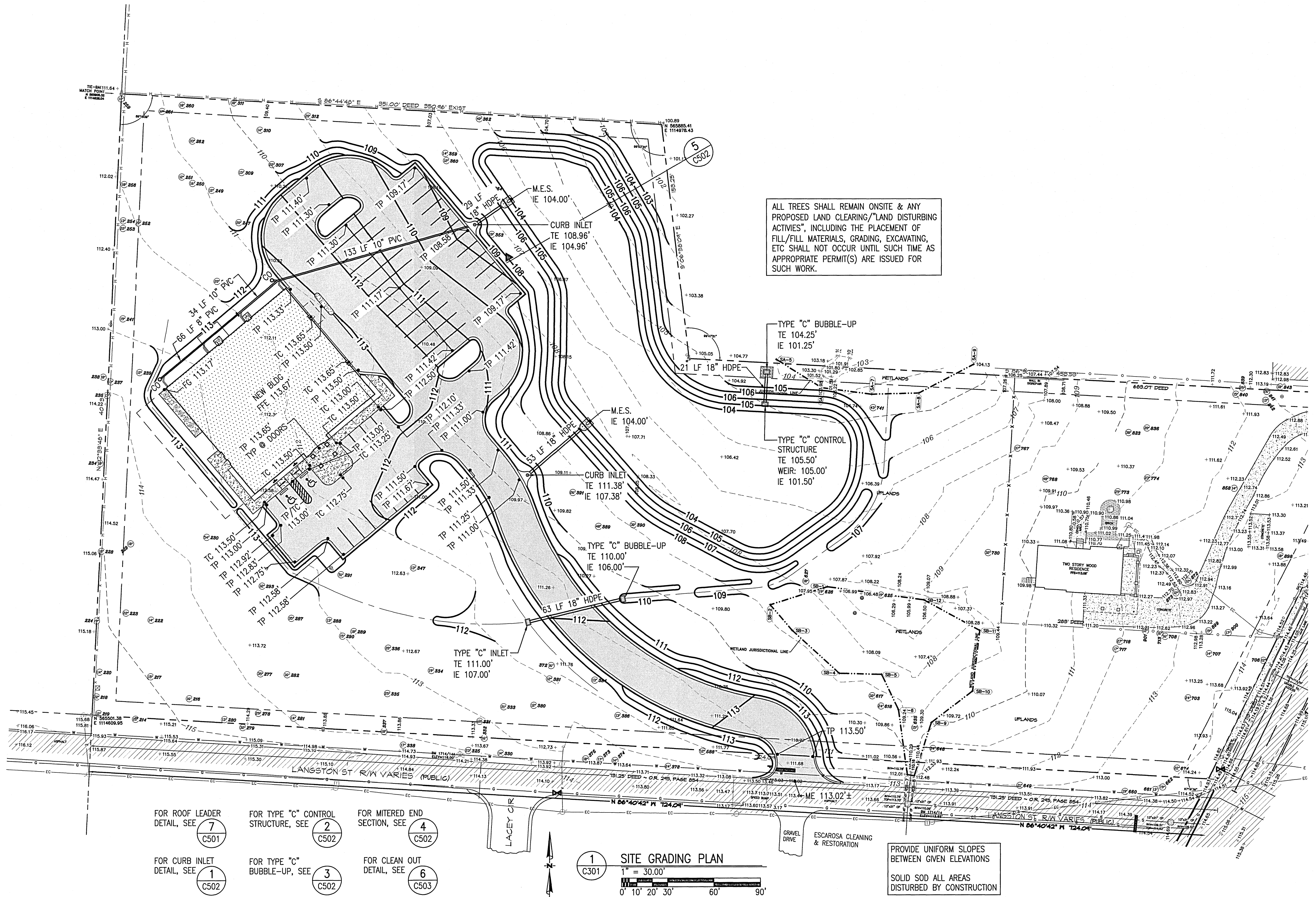
PERMIT SET

D

C

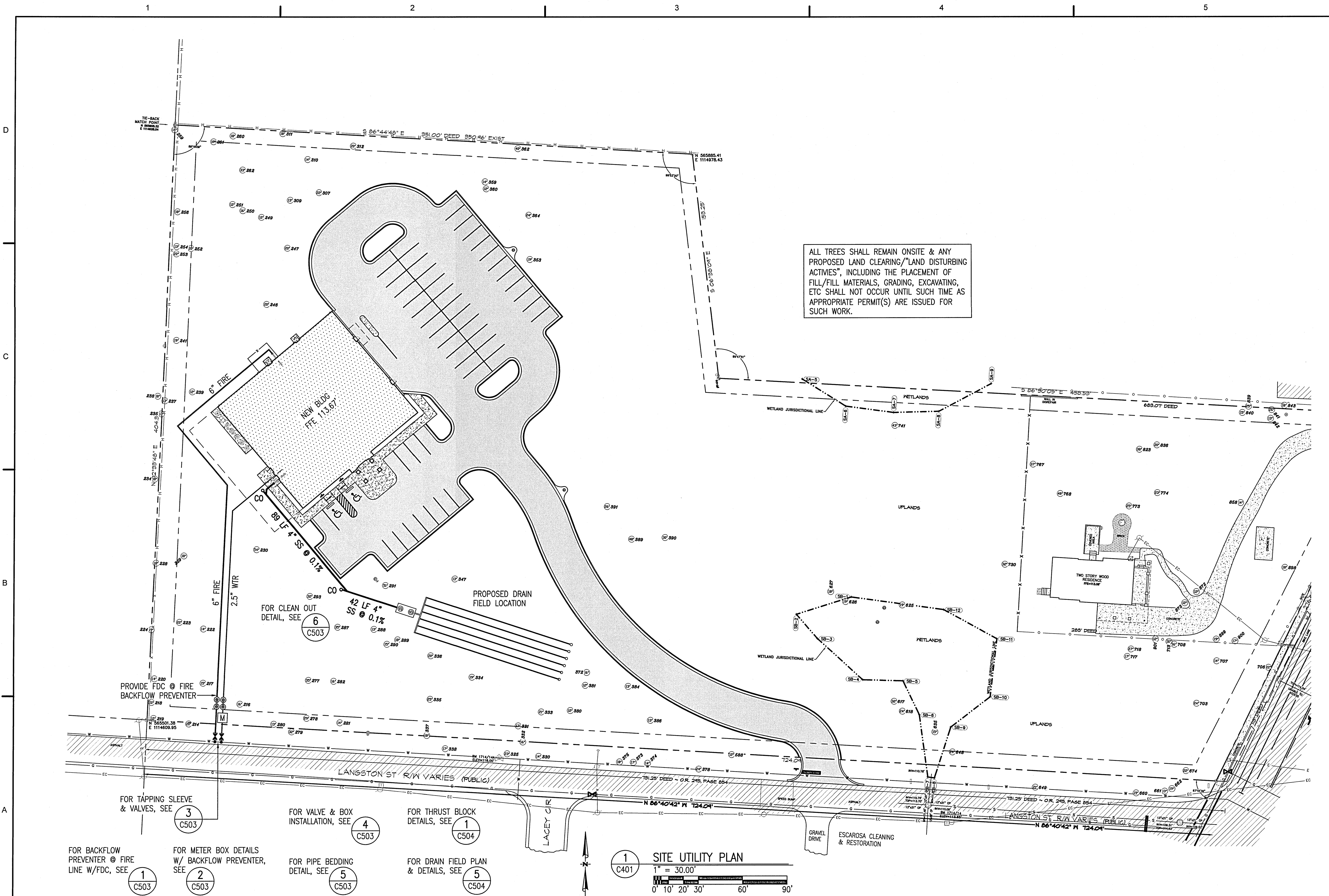
B

A

FOR ROOF LEADER
DETAIL, SEE7
C501FOR TYPE "C" CONTROL
STRUCTURE, SEE2
C502FOR MITERED END
SECTION, SEE4
C502FOR CURB INLET
DETAIL, SEE1
C502FOR TYPE "C"
BUBBLE-UP, SEE3
C502FOR CLEAN OUT
DETAIL, SEE6
C503

SITE GRADING PLAN

1" = 30.00'
0' 10' 20' 30' 60' 90'PROVIDE UNIFORM SLOPES
BETWEEN GIVEN ELEVATIONS
SOLID SOD ALL AREAS
DISTURBED BY CONSTRUCTION



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121 E. GOVERNMENT STREET
PENSACOLA, FL 32502
(850) 432-1912
FL LIC. AA0003564

KH&A

7201 NORTH 9th, SUITE 6,
PENSACOLA, FLORIDA 32504
(850) 471-9005
Consultant

NICHOLAS R. KING
No. 73915
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Seal

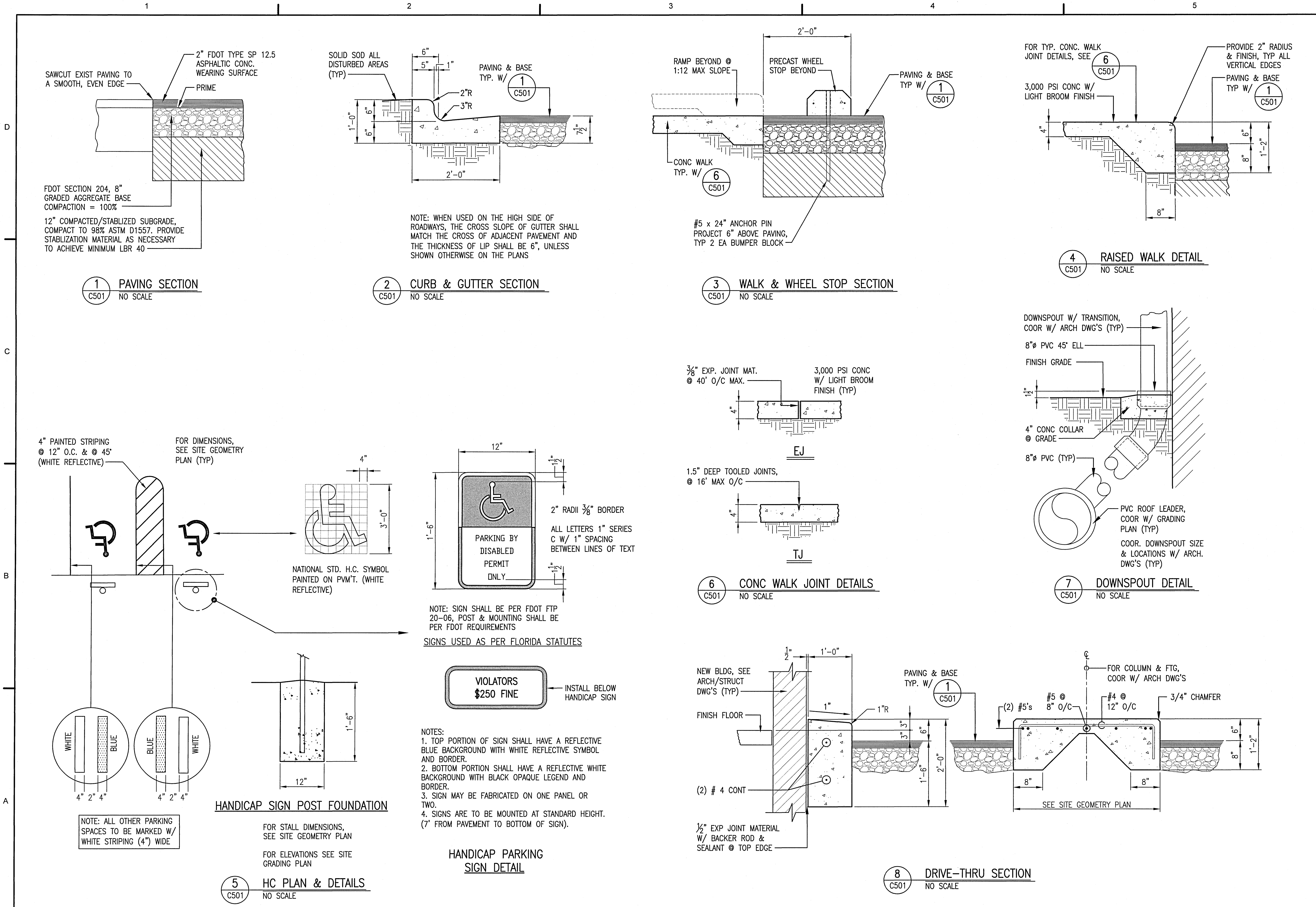
Davis Animal Hospital

9051 N Davis Hwy, Pensacola, Florida 32514

SITE UTILITY PLAN

DRAWN BY: R TILLMAN
DESIGNED BY: N KING
CHECKED BY: N KING
PROJECT NO: 20016
SHEET NUMBER

C-401

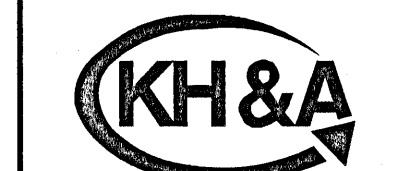


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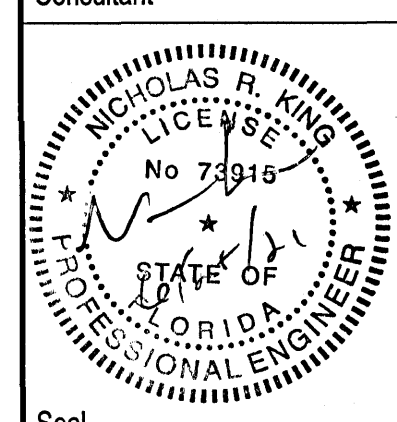
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121 E. GOVERNMENT STREET
PENSACOLA, FL 32502
(850) 432-1912
FL LIC. AA0003564



7201 NORTH 9th, SUITE 6,
PENSACOLA, FLORIDA 32504
(850) 471-9005
Consultant



Seal

Davis Animal Hospital
9051 N Davis Hwy, Pensacola, Florida 32514
SECTIONS & DETAILS

DRAWN BY: R TILLMAN
DESIGNED BY: N KING
CHECKED BY: N KING
PROJECT NO: 20016

SHEET NUMBER

C-501

PERMIT SET

ALL WORK SHALL CONFORM TO ECUA'S
STANDARD SPECIFICATIONS LATEST EDITION

- METER VAULTS ARE TYPICALLY PLACED IN EASEMENT ON PRIVATE PROPERTY ABUTTING ROW LINE (SEE ECUA ENGINEERING FOR INFORMATION). METER SHALL NOT BE FENCED IN.
- ALUMINUM OR GALVANIZED STEEL ANGLE FRAME HATCH W/ ALUMINUM DOUBLE COVER. SIZE 36"x48" FOR 2" METER VAULTS OR 36"x72" FOR 3" & LARGER METER VAULTS. NO CENTER BAR, DOORS HINGED ON OPPOSITE SHORT SIDE & OPEN TO 90° OR MORE. TYPE AHD FOR INCIDENTAL H₂O RATED TRAFFIC, OR TYPE APD FOR 300 POUND PEDESTRIAN TRAFFIC USE.

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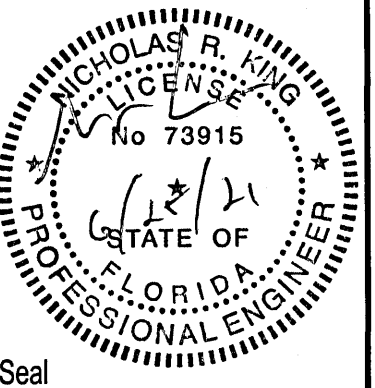
STOA
Architects

121 E. GOVERNMENT STREET
PENSACOLA, FL 32502
(850) 432-1912
FL. LIC. AA0003564

KH&A

7201 NORTH 9th, SUITE 6,
PENSACOLA, FLORIDA 32504
(850) 471-9005

Consultant



Seal

Davis Animal Hospital

9051 N Davis Hwy, Pensacola, Florida 32514

SECTIONS & DETAILS

DRAWN BY: R TILLMAN

DESIGNED BY: N KING

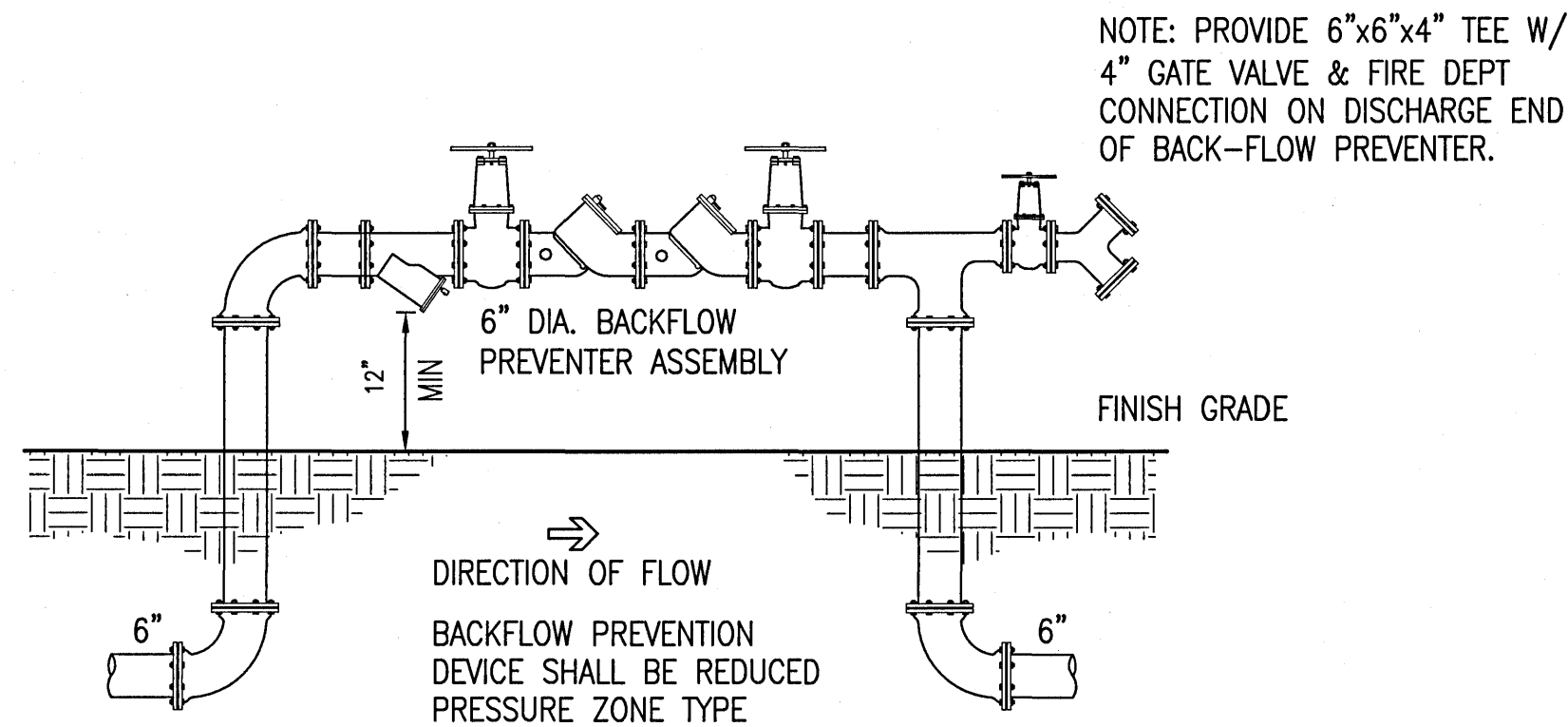
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PROJECT NO: 20016

SHEET NUMBER

C-503

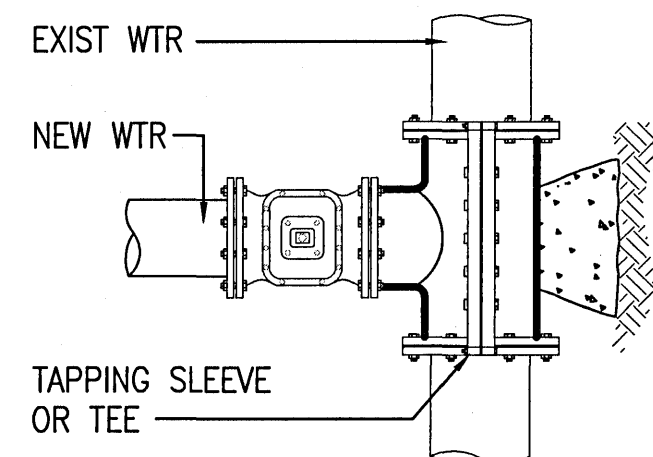
PERMIT SET



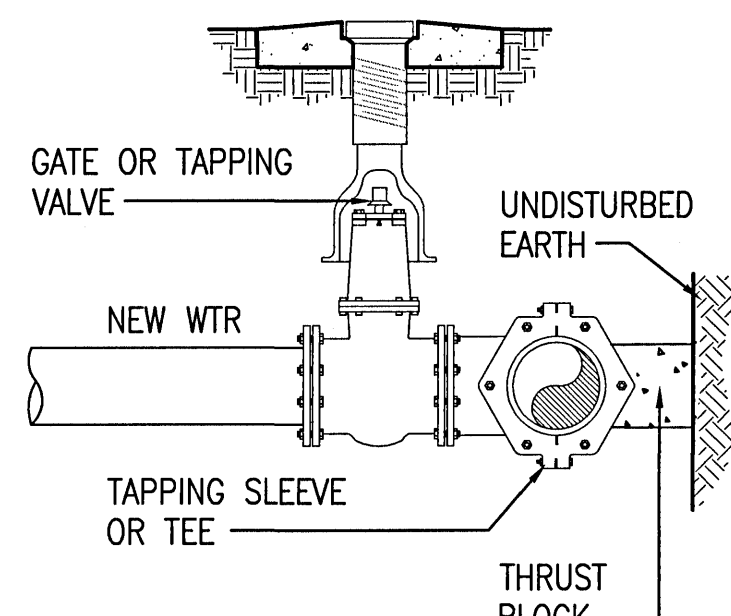
PIPING ABOVE GRADE TO HAVE 2.5" CELLULAR GLASS INSULATION WITH METAL JACKET. METAL JACKET SHALL HAVE SIDE & END LAPS AT LEAST 2" WIDE WITH THE CUT EDGE OF THE SIDE LAP TURNED UNDER 1" TO PROVIDE A SMOOTH EDGE. OVERLAP THE JACKET NOT LESS THAN 2" AT LONGITUDINAL AND CIRCUMFERENTIAL JOINTS AND SECURE WITH METAL BANDS NOT MORE THAN 9" CENTERS OR WITH SCREWS AT NOT MORE THAN 5" CENTERS. OVERLAP LONGITUDINAL JOINTS DOWN TO SHED WATER. SEAL CIRCUMFERENTIAL JOINTS WITH A COATING RECOMMENDED BY THE INSULATION MANUFACTURER FOR WATERPROOFING.

AT 6" FIRE LINE

1 PRINCIPLE BACKFLOW PREVENTER W/ FDC
C503 NO SCALE



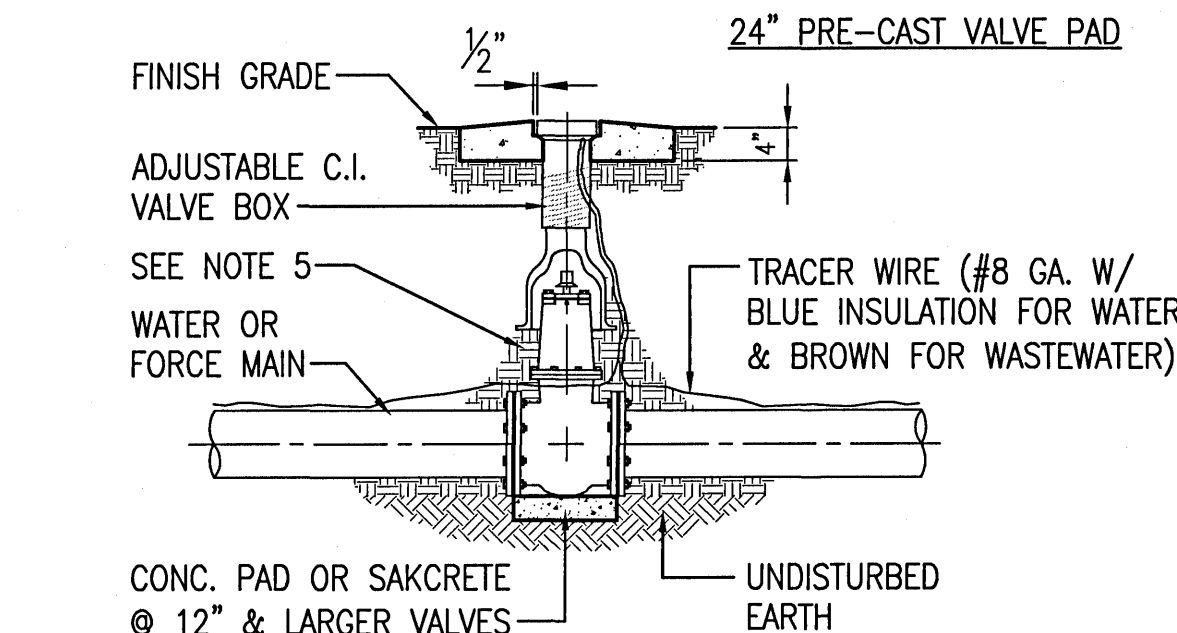
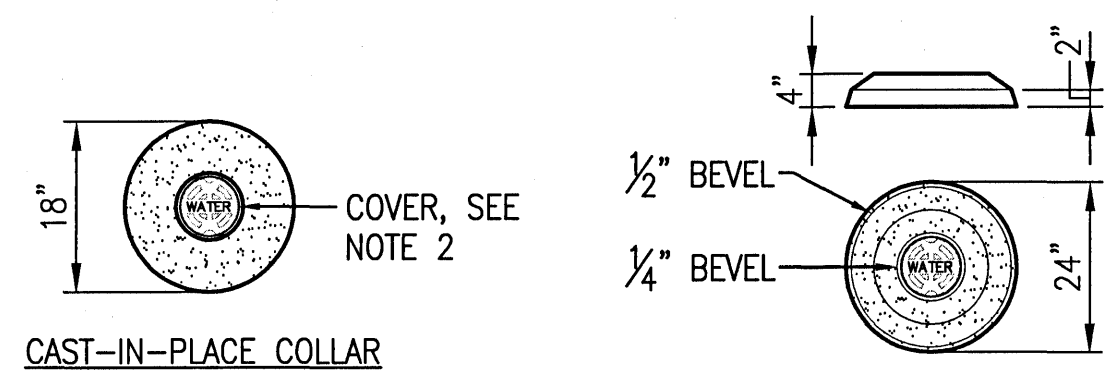
PLAN VIEW



ELEVATION

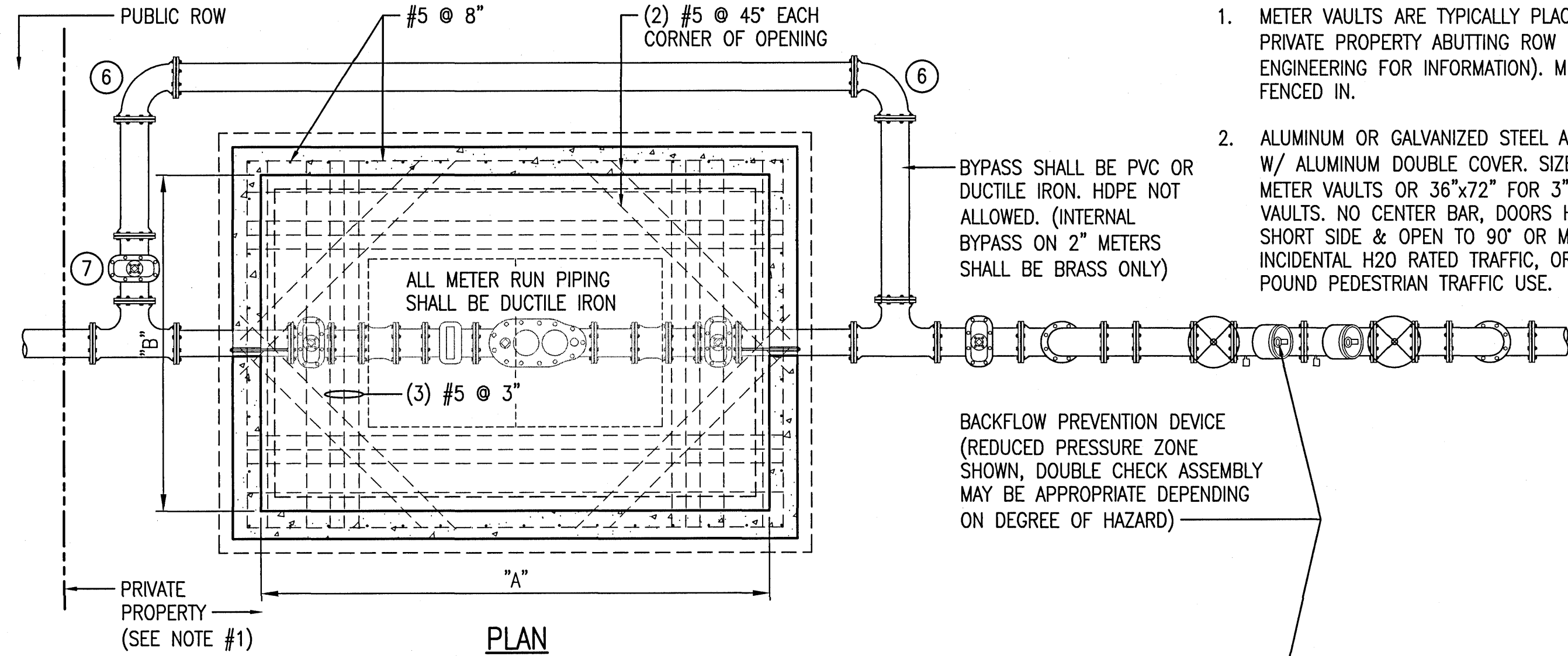
SEE SITE UTILITY PLAN FOR EXIST & NEW WATER LINE SIZES (TYP)

3 TAPPING SLEEVE & VALVE
C503 NO SCALE

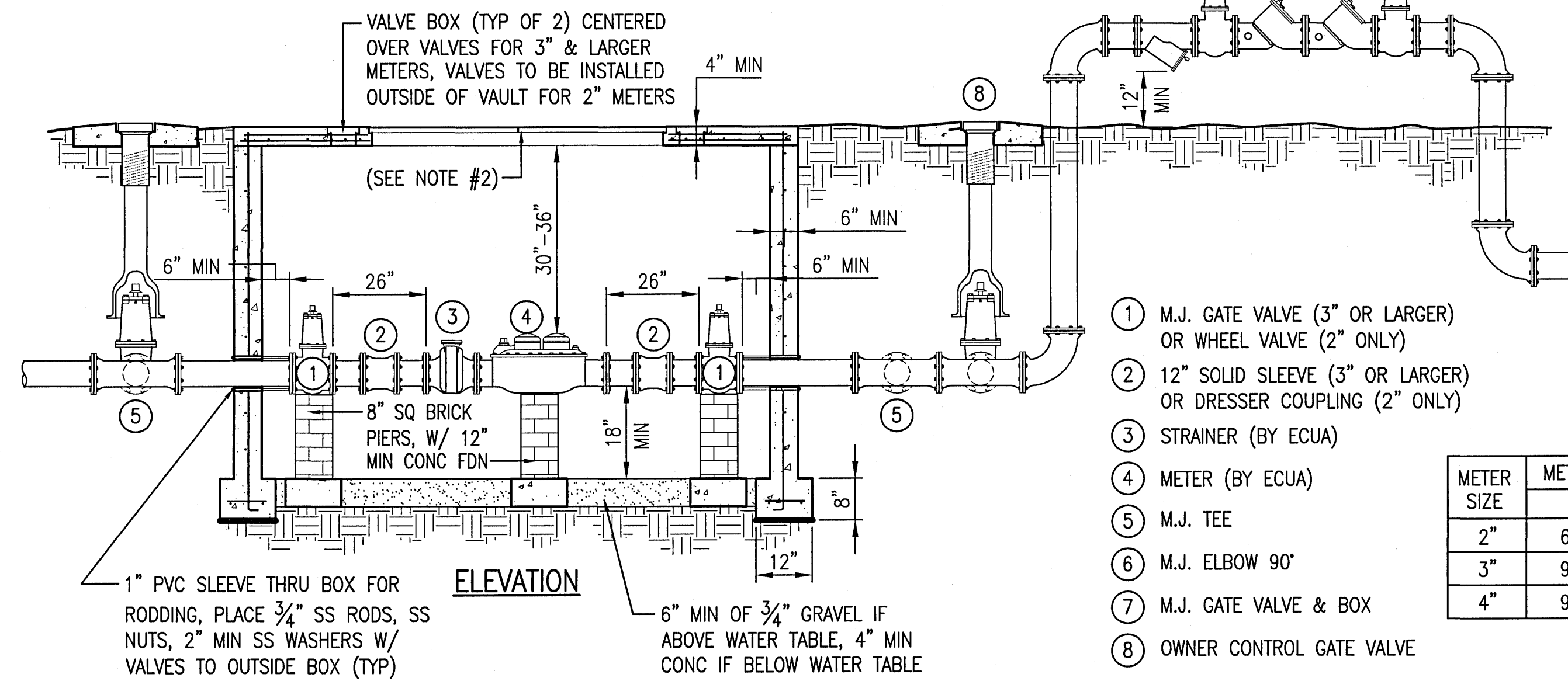


- VALVE BOX & BOOT SHALL BE CAST IRON
- VALVE COVER SHALL BE MARKED "WATER" OR "SEWER" AS APPLICABLE.
- VALVE BOX TOP SHALL BE FLUSH WITH FINISH GRADE OR 1/2" ABOVE NATURAL GROUND.
- GATE VALVE SHALL BE RESILIENT SEAT WITH MECHANICAL JOINT ENDS OR APPROVED EQUAL.
- EARTH UNDER FLANGE OF VALVE BOX TO BE FIRM & WELL TAMPED TO ENSURE AGAINST VALVE BOX SETTLING.

4 TYP VALVE & BOX INSTALLATION
C503 NO SCALE



PLAN



ELEVATION

- M.J. GATE VALVE (3" OR LARGER) OR WHEEL VALVE (2" ONLY)
- 12" SOLID SLEEVE (3" OR LARGER) OR DRESSER COUPLING (2" ONLY)
- STRAINER (BY ECUA)
- METER (BY ECUA)
- M.J. TEE
- M.J. ELBOW 90°
- M.J. GATE VALVE & BOX
- OWNER CONTROL GATE VALVE

METER SIZE	METER BOX (INSIDE DIM)	"A"	"B"
2"	6'-6"	4'-6"	4'-6"
3"	9'-0"	4'-6"	4'-6"
4"	9'-0"	5'-0"	5'-0"

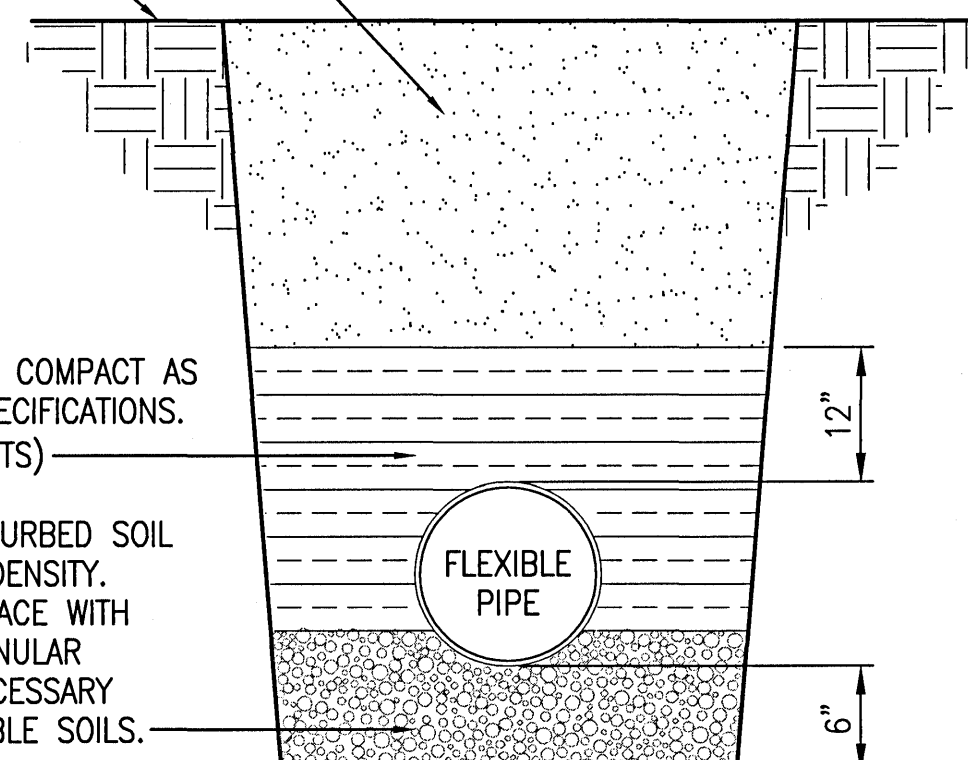
2 2", 3", & 4" METER VAULT
C503 NO SCALE

SUBSEQUENT BACKFILL: COMPACT AS INDICATED IN SPECIFICATIONS. (MAXIMUM 12" LIFTS)

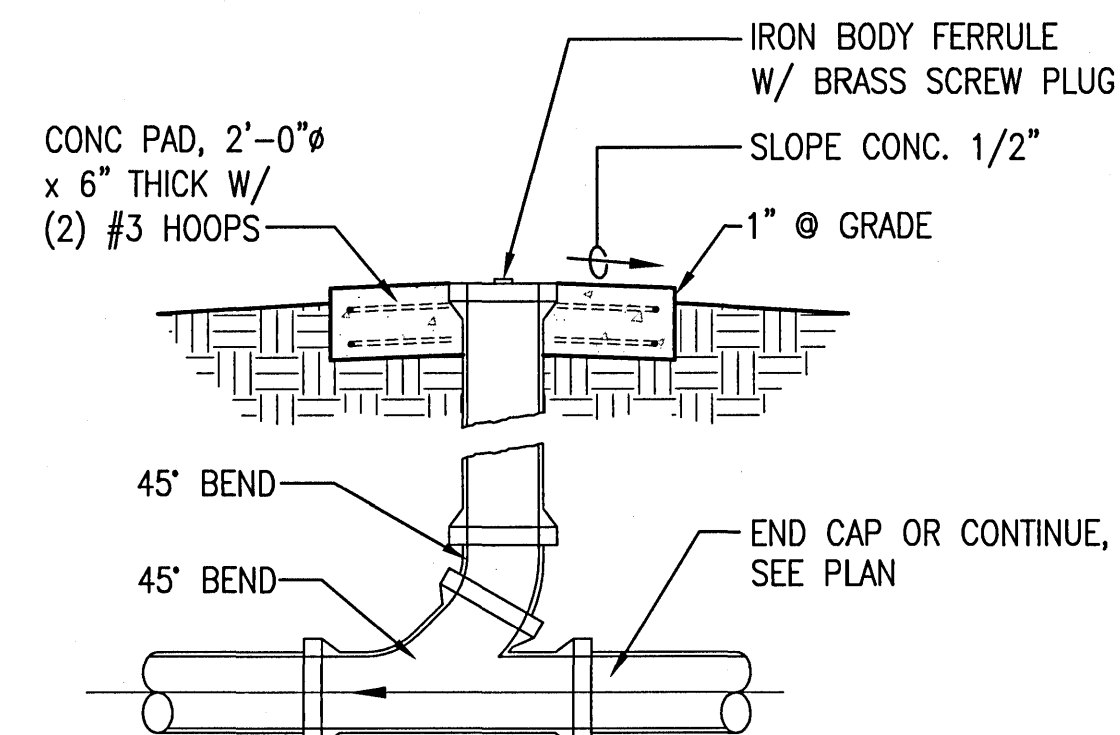
NATURAL GROUND

INITIAL BACKFILL: COMPACT AS INDICATED IN SPECIFICATIONS. (MAXIMUM 6" LIFTS)

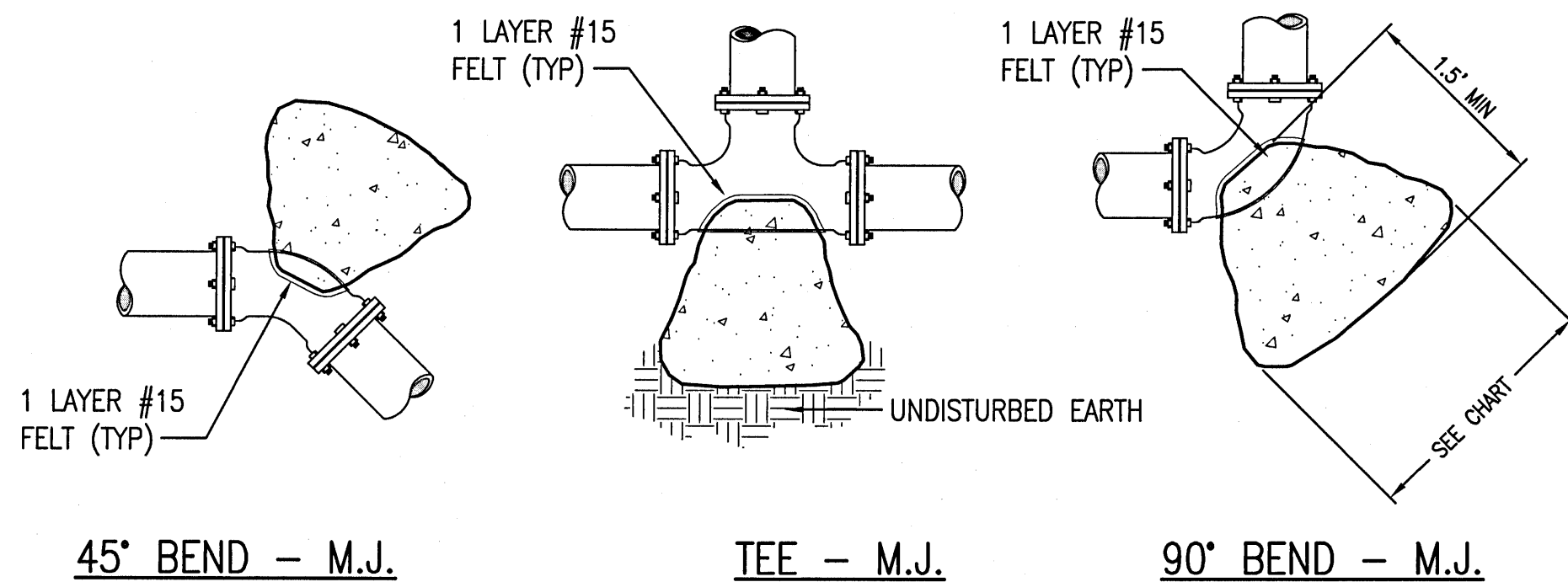
BEDDING: UNDISTURBED SOIL IF ACCEPTABLE DENSITY. REMOVE & REPLACE WITH COMPACTED GRANULAR MATERIAL AS NECESSARY FOR UNACCEPTABLE SOILS.



5 FLEXIBLE PIPE BEDDING
C503 NO SCALE



6 CLEAN OUT
C503 NO SCALE



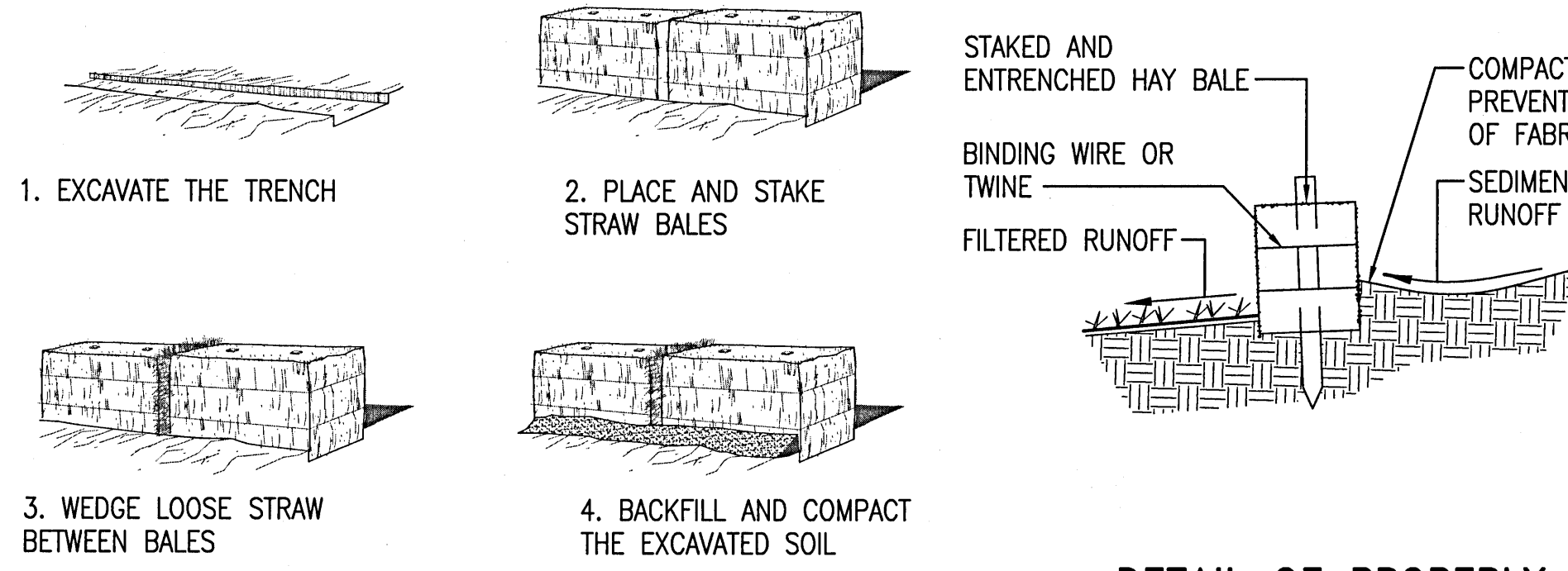
MINIMUM THRUST BLOCK DIMENSIONS:
SURFACE AREA AGAINST UNDISTURBED SOIL

PIPE SIZE	DEAD END OR TEE	90° BEND	45° BEND	22.5° BEND
4"	1' x 2'	1.5' x 1.5'	1' x 1.5'	1' x 1'
6"	2' x 2'	2.5' x 2.5'	2' x 1.5'	1' x 1.5'
8"	2.25' x 3'	3' x 3'	2' x 2.5'	1.5' x 1.5'
10"	3.5' x 3'	4' x 3.75'	2.75' x 3'	2' x 2'
12"	4' x 4'	4' x 5'	3' x 4'	2' x 3'
16"	5' x 5.5'	6' x 6.5'	4' x 5'	3' x 3.5'

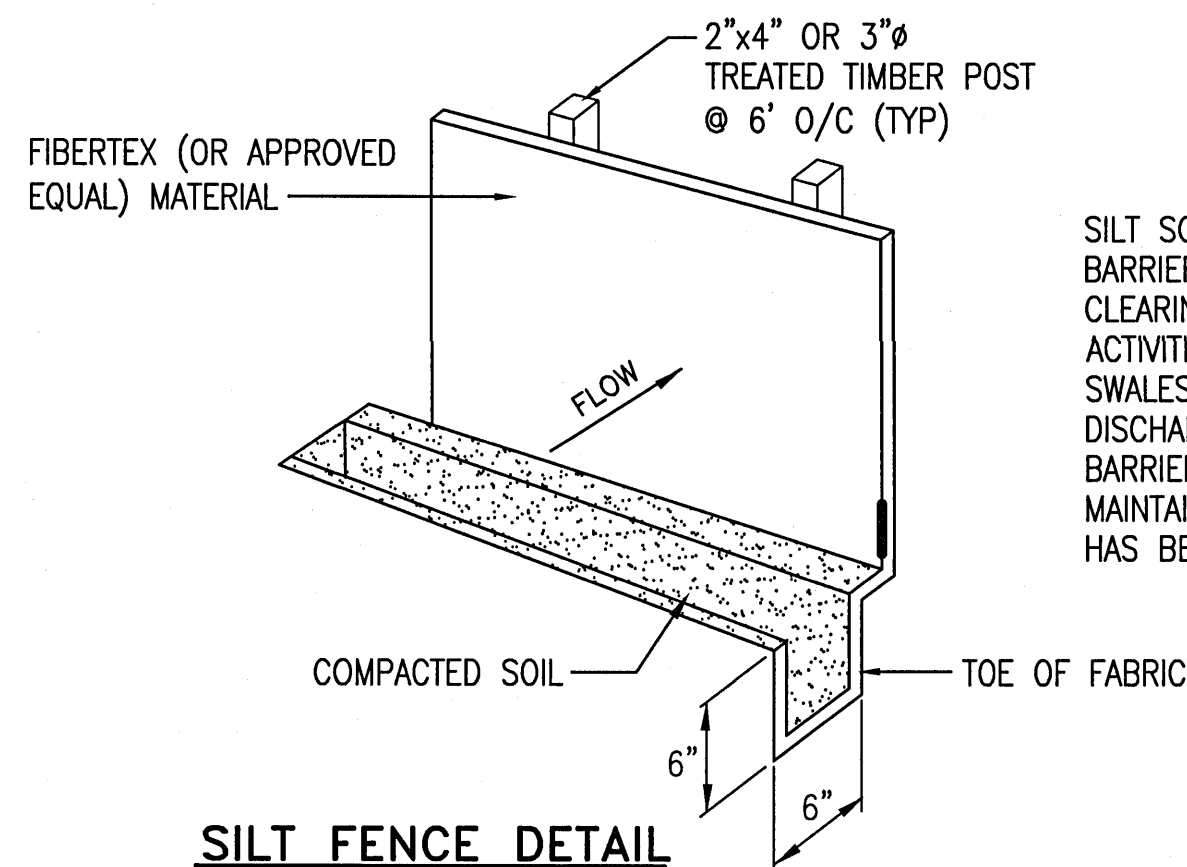
NOTES:

- ONE LAYER OF #15 FELT TO BE USED TO PREVENT ADHESION OF CONCRETE TO FITTING.
- ALL THRUST BLOCKS TO BE BACKED BY UNDISTURBED SOIL.
- THRUST BLOCK DIMENSIONS BASED ON SM SOIL CLASSIFICATION.
- CONCRETE MIN. 2,500 PSI.
- JOINT RESTRAINTS ARE TO BE USED ON ALL FITTINGS. TRUST BLOCKS REQUIRED ON 90° BENDS, 45° BENDS, TEES, TAPPING SLEEVES, AND DEAD ENDS.

1 THRUST BLOCK SCHEDULE & DETAILS
C504 NO SCALE



CONSTRUCTION OF A STRAW BALE BARRIER



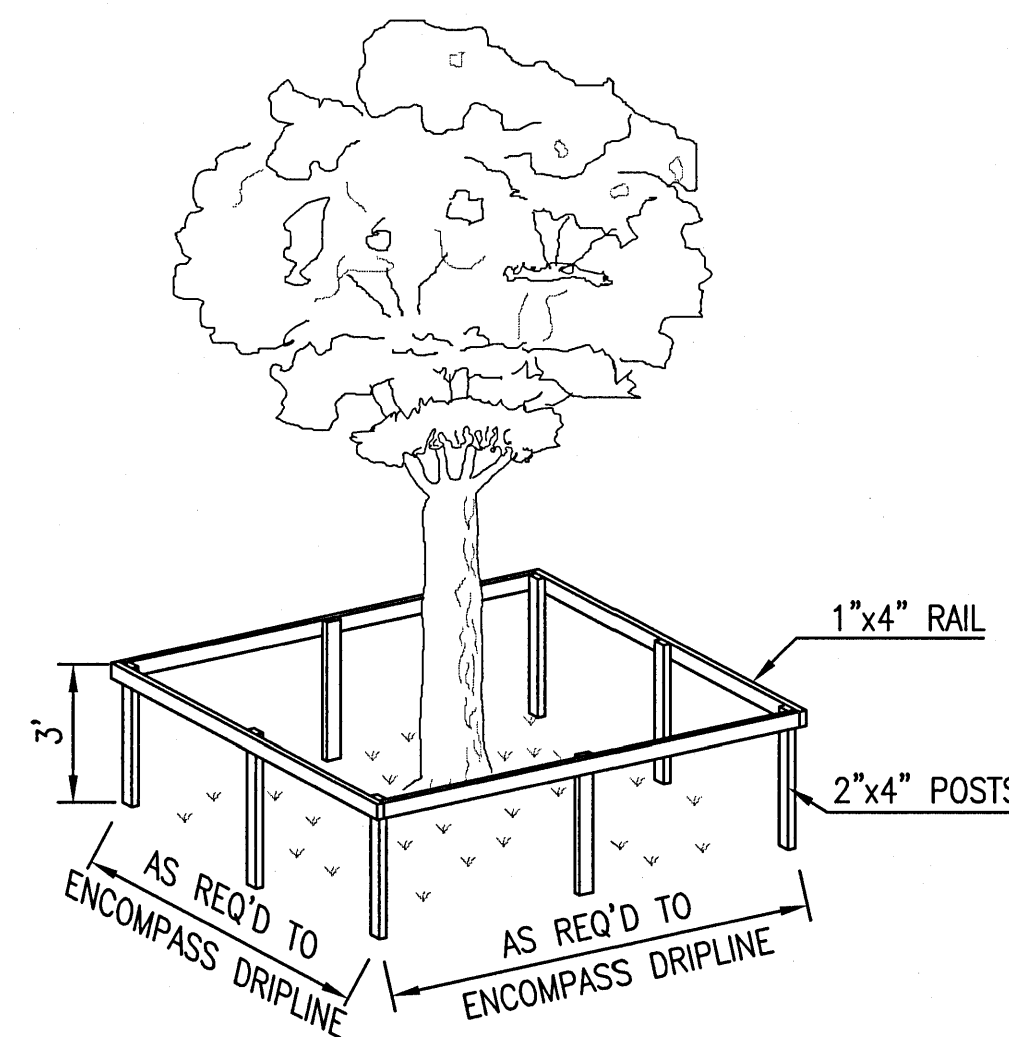
SILT FENCE DETAIL

SILT SCREEN OR STAKED HAY BALE SILT BARRIERS SHALL BE INSTALLED BEFORE CLEARING, GRADING OR OTHER CONSTRUCTION ACTIVITIES ARE INITIATED. PROVIDE TEMPORARY SWALES TO ASSURE THAT ALL STORM WATER DISCHARGES FLOW THROUGH SILT BARRIERS. BARRIERS TO REMAIN IN PLACE AND BE MAINTAINED UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED

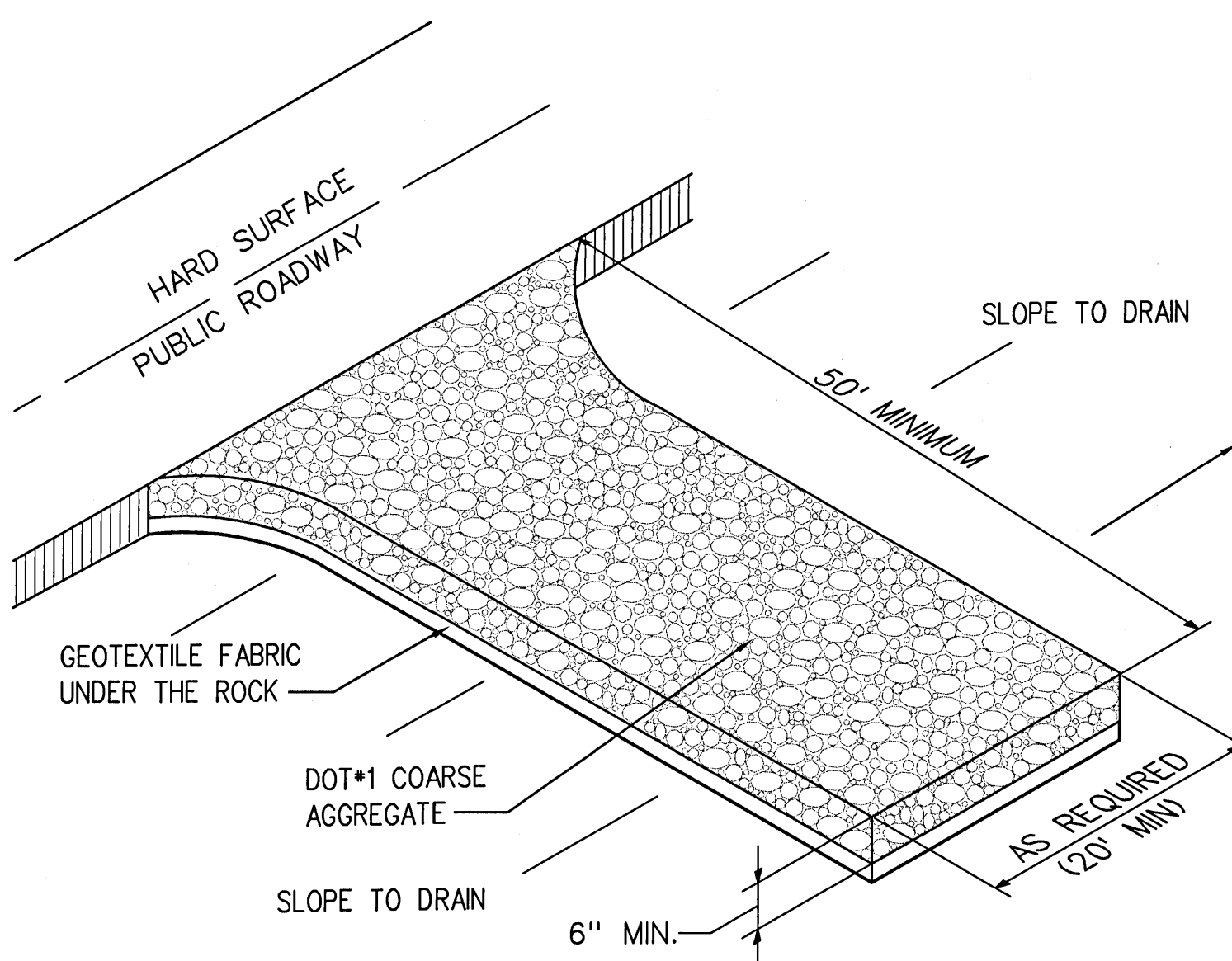
2 EROSION CONTROL DETAILS
C504 NO SCALE

TREE PROTECTION NOTES:

- DURING DEVELOPMENT ACTIVITIES, PROTECTED TREES SHALL BE PROTECTED FROM ACTIVITIES WHICH MAY INJURE OR KILL THEM.
- WITHIN THE DRIP LINE, THERE SHALL BE NO STORAGE OF FILL OR COMPACTION OF THE SOIL AS FROM HEAVY EQUIPMENT, OR ANY SPILLING, STORAGE OR DISPOSAL OF CONCRETE, MORTAR, PAINT, SOLVENTS, CHEMICALS, OR OTHER POTENTIALLY HARMFUL SUBSTANCES.
- ALL TREES WITHIN LIMITS OF CONSTRUCTION TO BE PROTECTED SHALL BE PROTECTED BY MEANS OF A PHYSICAL BARRIER WHICH WILL LIMIT ACCESS TO SAID TREE. SAID PROTECTIVE BARRIER SHALL BE COMPOSED OF WOOD OR OTHER SUITABLE MATERIALS WHICH ASSURE COMPLIANCE WITH THE INTENT OF THIS ORDINANCE. SAID PROTECTIVE BARRIERS, WHERE REQUIRED, SHALL REMAIN UNTIL SUCH TIME AS CONSTRUCTION IS COMPLETE. A MINIMUM OF ONE HUNDRED (100) PERCENT OF THE AREA WITHIN THE DRIP LINE SHALL BE SO PROTECTED.
- TREE BARRICADES & TREE PROTECTION MEASURES SHALL BE IN PLACE PRIOR TO SITE CONSTRUCTION ACTIVITIES & REMAIN UNTIL SITE WORK IS COMPLETED & STABILIZED.



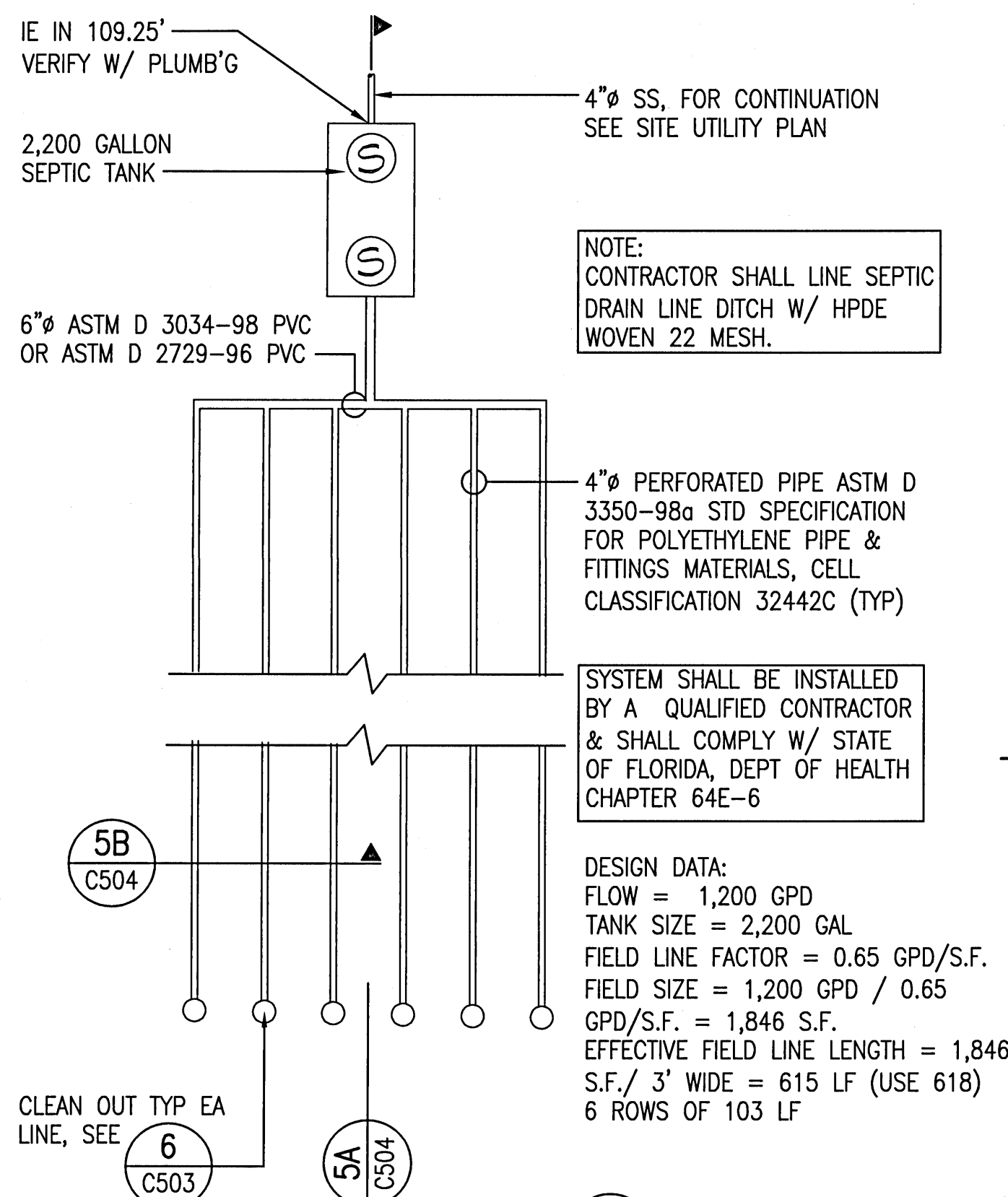
3 TREE PROTECTION DETAIL
C504 NO SCALE



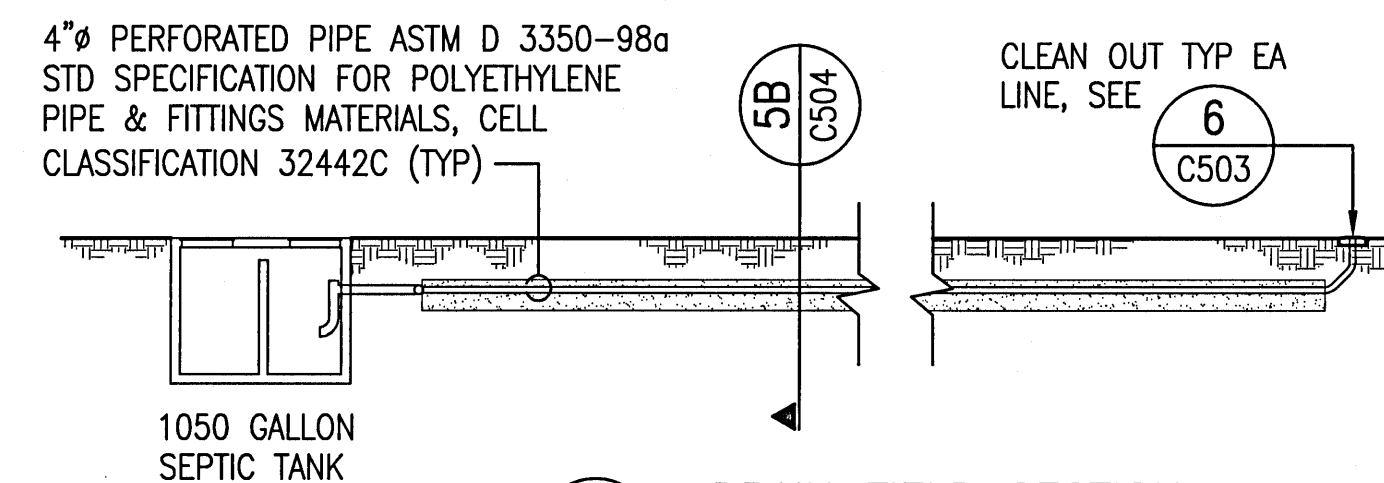
4 TEMPORARY CONSTRUCTION ENTRANCE DETAIL
C504 NOT TO SCALE

CONSTRUCTION ENTRANCE NOTES:

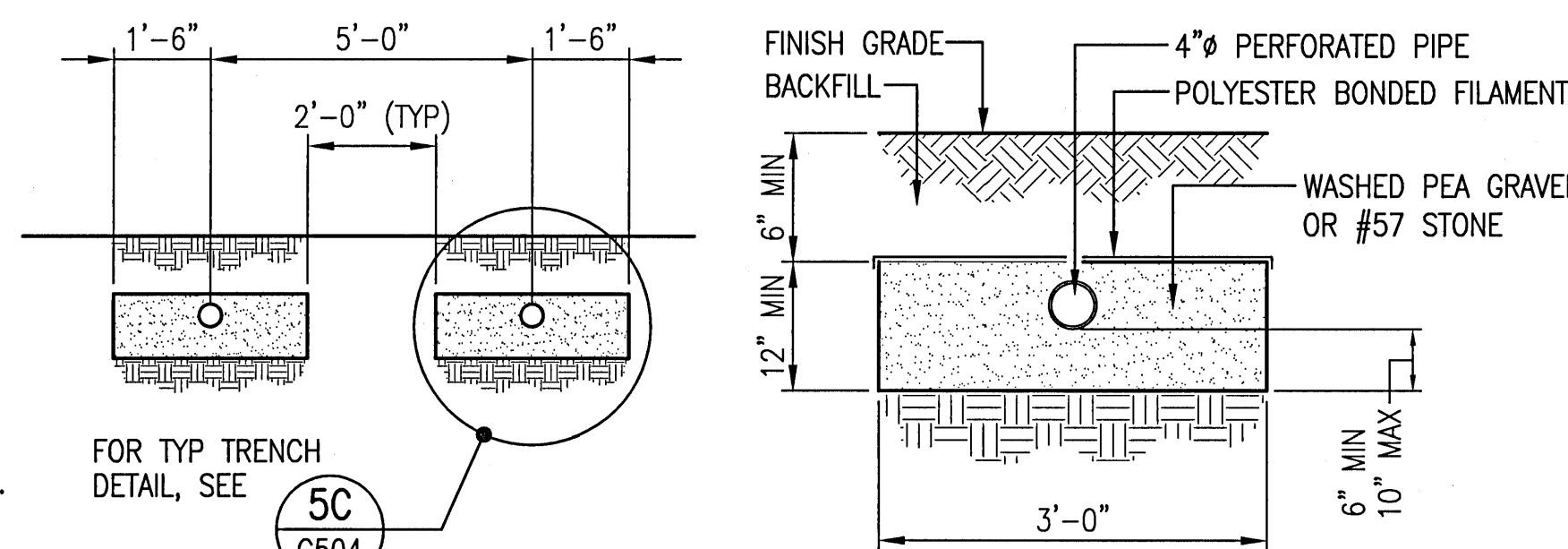
- THE AREA OF THE CONSTRUCTION ENTRANCE SHALL BE EXCAVATED 6 INCHES DEEP, 50 FEET LONG AND SHALL EXTEND THE FULL WIDTH OF ANY VEHICULAR INGRESS AND EGRESS (MINIMUM 20 FEET) LOCATED ON THE SITE.
- THE ENTRANCE SHALL BE PROPERLY MAINTAINED FOR THE DURATION OF THE PROJECT TO PREVENT THE TRACKING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL MAINTENANCE AND REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE ENTRANCE SHALL BE CHECKED ON A DAILY BASIS AND BEFORE & AFTER ANY RAINFALL EVENT FOR ANY DAMAGES. ANY DAMAGES FOUND SHALL BE REMEDIATED BEFORE THE DAYS END AT NO ADDITIONAL COST TO OWNER.
- THE ENTRANCE SHALL BE PROPERLY GRADED TO PREVENT THE FLOW OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS SHALL BE REMOVED IMMEDIATELY.
- MEASURES SHALL BE TAKEN TO PREVENT VEHICULAR TRAFFIC FROM BYPASSING THE CONSTRUCTION ENTRANCE DURING INGRESS AND EGRESS.
- CONTRACTOR SHALL CONFIRM LOCATION OF CONSTRUCTION ENTRANCE WITH OWNER AND ENGINEER PRIOR TO INSTALLATION.



5 DRAIN FIELD PLAN & DETAILS
C504 NOT TO SCALE



5A DRAIN FIELD SECTION
C504 NO SCALE



5C TRENCH DETAIL
C504 NO SCALE

ISSUE DATE: 02-15-2021

REVISIONS

#	Description	Date

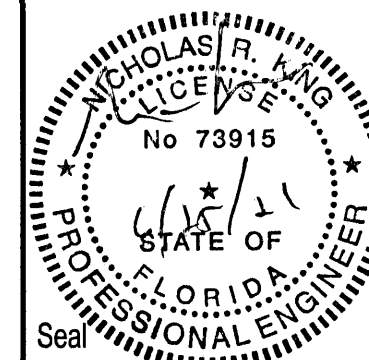
STOA
Architects

121 E. GOVERNMENT STREET
PENSACOLA, FL 32502
(850) 432-1912
FL LIC. AA0003564

KH&A

7201 NORTH 9th, SUITE 6,
PENSACOLA, FLORIDA 32504
(850) 471-9005

Consultant



Davis Animal Hospital

9051 N Davis Hwy, Pensacola, Florida 32514

SECTIONS & DETAILS

DRAWN BY: R TILLMAN
DESIGNED BY: N KING
CHECKED BY: N KING
PROJECT NO: 20016

SHEET NUMBER

C-504

PERMIT SET