

A B C D

A B

LEGAL DESCRIPTION

Lot Numbered 5 in Jefferson Estates Commercial Park, an addition to the City of Franklin as recorded as Instrument 2000-003527 in the Office of the Recorder of Johnson County, Indiana.

| REVISION RECORD | | |
|-----------------|-------------|----------|
| DATE | DESCRIPTION | SHEET(S) |
| * | * | * |
| * | * | * |
| * | * | * |
| * | * | * |
| | | |

LOT AREA = 1.838± ACRES GROSS
= 1.838± ACRES NET OF R/W

EXISTING BUILDING FIRST FLOOR FOOTPRINT AREA = 4,141 SF
PROPOSED BUILDING FIRST FLOOR FOOTPRINT ADDITION = 706 SF

EXISTING BUILDING FIRST FLOOR FOOTPRINT AREA = 4,141 SF
PROPOSED BUILDING FIRST FLOOR FOOTPRINT ADDITION = 706 SF

EXISTING GROSS FLOOR AREA = 6,000 SF
PROPOSED GROSS FLOOR ADDITION = 1,200 SF

ZONING DESIGNATIONS

| | | | |
|-------|-----|------------------------|------------------|
| SITE | MXC | – Mixed–Use: | Community Center |
| NORTH | MXC | – Mixed–Use: | Community Center |
| SOUTH | RSN | – RESIDENTIAL SUBURBAN | NEIGHBORHOOD |
| EAST | MXC | – Mixed–Use: | Community Center |
| WEST | MXC | – Mixed–Use: | Community Center |

PROPOSED USE: Site and building improvements to support building additions of vet clinic.

PROPOSED COVENANTS: NONE

FLOOD ZONE DESIGNATION: X (SHADED)

| | |
|---------------------|-------------------|
| PROPOSED START DATE | SEPTEMBER 2, 2021 |
| PROPOSED END DATE | SEPTEMBER 2, 2022 |

2

In accordance with a memo from the City dated 04.28.2021:

Parking is based off of 1 space per employee at largest shift (with shift overlap) – 15 employees on April 26 = 15 spaces

PLUS

1 space per 300 sq.ft. of gross floor area of a veterinarian office
 - $7,052/300 = 24$ spaces (also = $7,200/300$)

TOTAL REQUIRED = 39 spaces with at least 2 of those meeting ADA requirements

(The area of the expanded parking lot will need to include a minimum of 5% interior landscaping to be located within landscape islands a minimum of 300 sq.ft. in area with 1 tree planted per required 300 sq.ft.)

VICINITY MAP
NOT TO SCALE



PROJECT ENGINEER:

Main Street Consulting Company

**MAIN STREET
CONSULTING
COMPANY**

675 North Main Street
Franklin, IN 46131-1345
Contact: Bradley P. Ott, P.L.S., P.E.
Telephone: 317.459.4765
ott@mainstreetconsulting.com

PROJECT CONTACT:

Mike DuKate
DuKate Fine Remodeling, Inc.
2111 Holiday Lane
Franklin, IN 46131
317-736-9961 ph
mike@dukate.net

PROJECT OWNER:

Know what's below.
Call before you dig.

John P & Jennifer W Clarke
Hillview Veterinary Clinic, LLC
1761 Thornburg Lane
Franklin, IN 46131
jclarke@hillviewvets.com
(317)736-8880

**MAIN STREET
CONSULTING COMPANY**
1675 North Main Street
Franklin, IN 46131
Ph: 317.459.4765
ott@mainstreetconsulting.com
www.mainstreetconsulting.com



REVISIONS

CO.0-TS.DWG
08.30.2021
21.018
B.OTT
B.OTT

DRAWING:
DATE:
PROJ. NO.:
DRAWN BY:
SURVEYED BY:

TITLE

SHEET NO.:

CO. C



BENCHMARKS:
FRANKLIN 1920 NO 1 1974 = 730.55 (NAVD 1988)
REFERENCE MARK 1 IS A STANDARD DISK STAMPED FRANKLIN 1920 NO 1 1974 SET IN A DRILL HOLE IN THE TOP AND SOUTHWEST CORNER OF THE CONCRETE BASE OF RAILROAD CROSSING LIGHT , 24 FEET NORTH OF THE CENTERLINE OF MADISON STREET AND 16 FEET EAST OF THE EAST RAIL OF THE RAILROAD BETWEEN CROWELL AND DEPOT STREETS.
TBM#1 = 735.24
REBAR WITH YELLOW PLASTIC CAP MARKED FEFO FOUND 4 INCHES DOWN AT THE NORTHWEST CORNER OF LOT 5.
TBM#2 = 734.64
MAG NAIL FOUND AT THE NORTH EDGE OF THE SIDEWALK AT THE SOUTHWEST CORNER OF LOT 5.

UTILITY STATEMENT:
The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees that the underground utilities comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

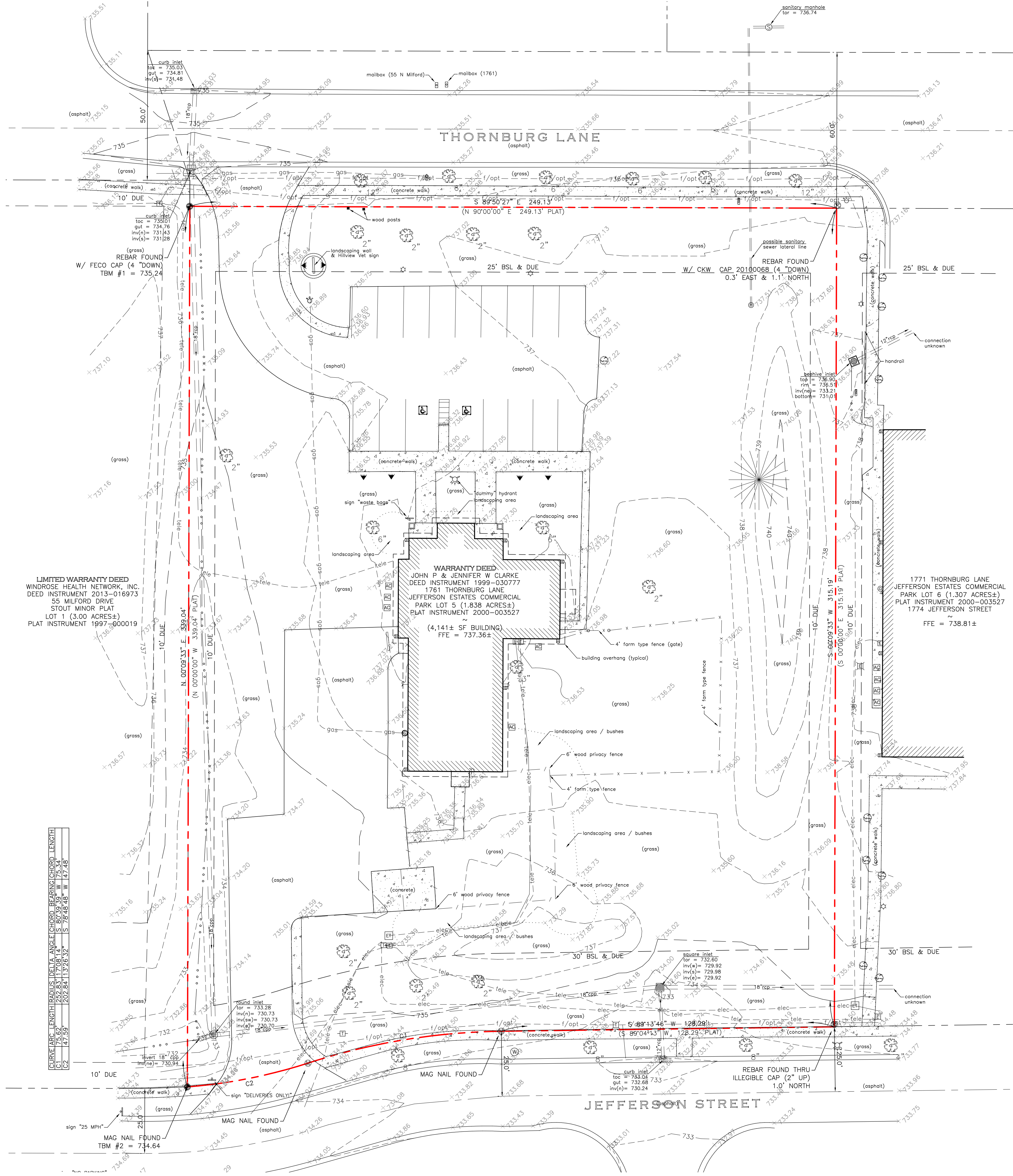
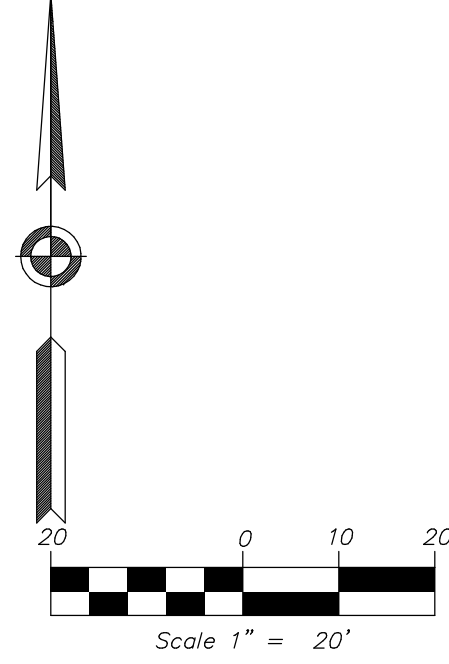
| EXISTING LEGEND: | |
|----------------------|------------------------|
| DESCRIPTION: | DESCRIPTION: |
| EXISTING ASPHALT | TRAFFIC POLE |
| EXISTING LANDSCAPING | TRAFFIC MANHOLE |
| EXISTING CONCRETE | SANITARY MANHOLE |
| TEMPORARY BENCH MARK | CLEAN OUT |
| SECTION CORNER | CURB INLET |
| REBAR FOUND | INLET |
| REBAR SET | DOWNSPOUT |
| POWER POLE | GAS METER |
| GUY WIRE | GAS VALVE |
| ELECTRIC TRANSFORMER | GAS MARKER |
| ELECTRIC CROSS BOX | BUSH |
| AIR CONDITIONER | DECIDUOUS TREE |
| ELECTRIC METER BOX | CONIFEROUS TREE |
| LIGHT POLE | FARM FIELD FENCE |
| GUARD POST | CHAIN LINK FENCE |
| TELEPHONE PEDESTAL | FLOWLINE |
| SOIL BORING | OVERHEAD ELECTRIC LINE |
| MAIL BOX | UNDERGROUND ELECTRIC |
| SIGN | UNDERGROUND TELEPHONE |
| WATER SPIGOT | FIBER OPTIC LINE |
| FIRE HYDRANT | WATER LINE |
| WATER METER | GAS LINE |

FLOOD ZONE NOTE:
The accuracy of any flood hazard data shown on this survey is subject to map scale uncertainty and to any other uncertainty in location or elevation on the referenced Flood Insurance Rate Map. The property described on this Survey is located in Zone X (areas of minimal flooding) and is NOT located in Zone A (Areas of 100 year flood) as said tract plots by scale on Community Panel No. 18081 C 0232 D of the Flood Insurance Rate Maps for City of Franklin, Johnson County, Indiana dated 08.02.2007.

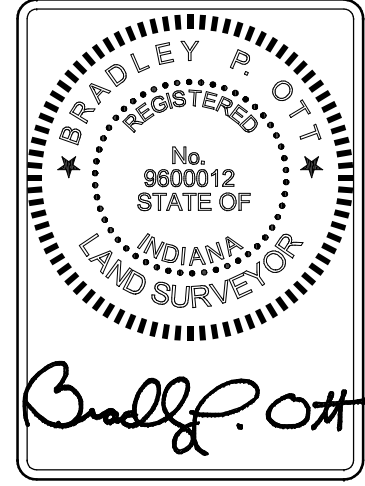
TOPO NOTE:
THIS TOPOGRAPHIC SURVEY MAP WAS PREPARED IN ACCORDANCE WITH 865 IAC 1-12-12. THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR A SURVEYOR LOCATION REPORT.

EXISTING STRIPE PAINTED PARKING SPACES:

15 REGULAR (10'x20')
+2 HANDICAPPED (13'x20')
17 TOTAL



MAIN STREET CONSULTING COMPANY
PH: 317.455.4765
Franklin, IN 46131
ot@mainstreetconsulting.com
www.mainstreetconsulting.com



TOPOGRAPHIC SURVEY
Hillview Veterinary Clinic, LLC
1761 THORNBURG LANE, FRANKLIN, IN
NEEDHAM TOWNSHIP, JOHNSON COUNTY, INDIANA

DRAWING: C1.0-TOPO.DWG
DATE: 08.29.2028
PROJ. NO.: 1761-THORNBURG
DRAWN BY: BOTT
SURVEYED BY: BOTT
SCALE: 1"=20'

TOPO

SHEET NO.:
C1.0

BENCHMARKS:

FRANKLIN 1920 NO 1 1974 = 730.55 (NAVD 1988)

REFERENCE MARK 1 IS A STANDARD DISK STAMPED FRANKLIN 1920 NO 1 1974 SET IN A DRILL HOLE IN THE TOP AND SOUTHWEST CORNER OF THE CONCRETE BASE OF RAILROAD CROSSING LIGHT , 24 FEET NORTH OF THE CENTERLINE OF MADISON STREET AND 16 FEET EAST OF THE EAST RAIL OF THE RAILROAD BETWEEN CROWELL AND DEPOT STREETS.

TBM#1 = 735.24

REBAR WITH YELLOW PLASTIC CAP MARKED FEFO FOUND 4 INCHES DOWN AT THE NORTHWEST CORNER OF LOT 5.

TBM#2 = 734.64

MAG NAIL FOUND AT THE NORTH EDGE OF THE SIDEWALK AT THE SOUTHWEST CORNER OF LOT 5.

UTILITY STATEMENT:

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| EXISTING LEGEND: | |
|----------------------|------------------------|
| DESCRIPTION: | DESCRIPTION: |
| EXISTING ASPHALT | TRAFFIC POLE |
| EXISTING STONE | TRAFFIC MANHOLE |
| EXISTING CONCRETE | SANITARY MANHOLE |
| TEMPORARY BENCH MARK | CLEAN OUT |
| SECTION CORNER | CURB INLET |
| REBAR FOUND | INLET |
| REBAR SET | DRAINAGE MANHOLE |
| POWER POLE | GAS METER |
| GUY WIRE | GAS VALVE |
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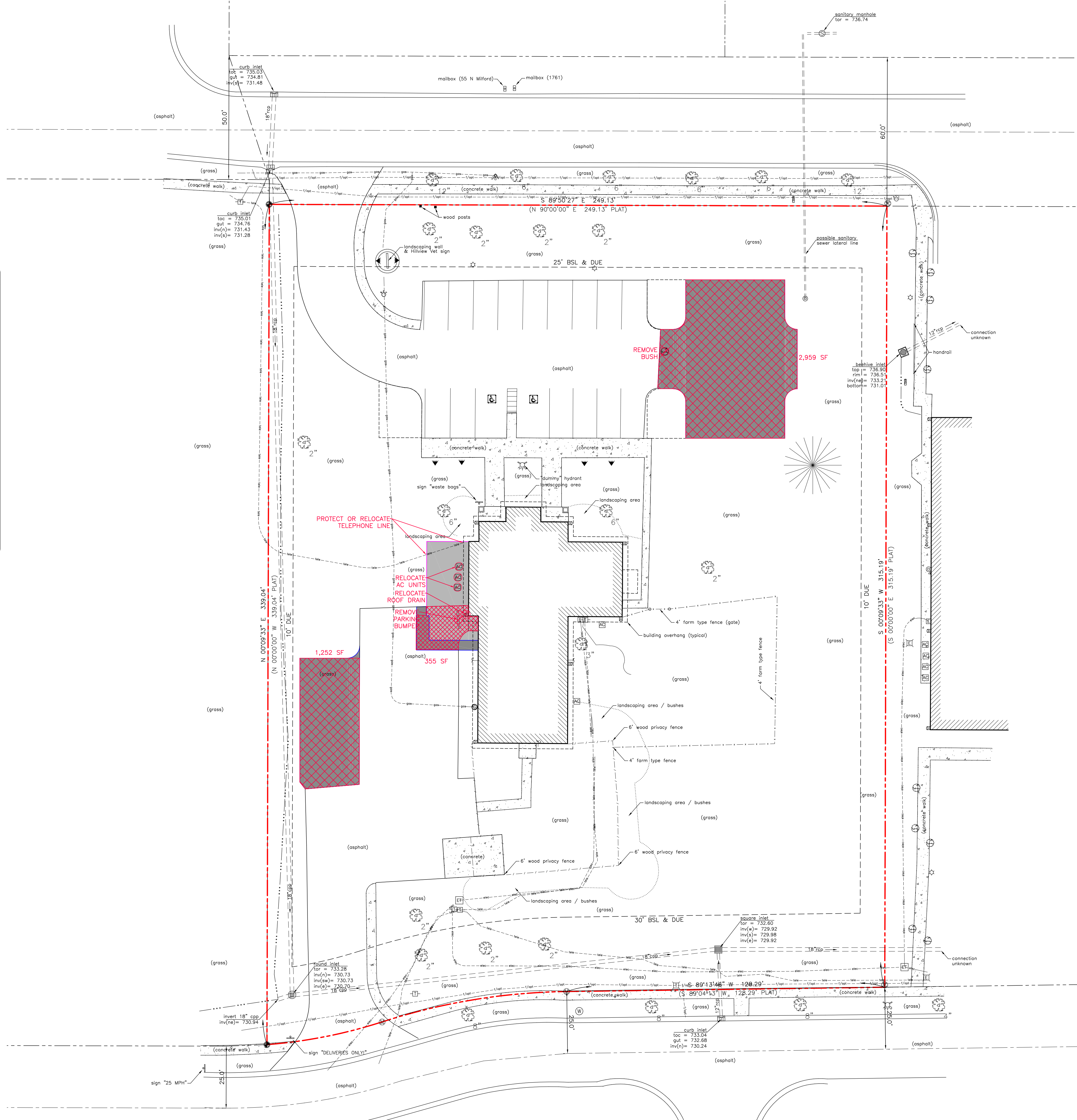
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811

Know what's below.
Call before you dig.

Scale 1" = 20'



DEMOLITION NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OFF-SITE OF ALL ITEMS SHOWN ON THE DEMOLITION PLAN INCLUDING ITEMS ENCOUNTERED DURING EXCAVATION OF BUILDING FOUNDATIONS AND UTILITY PLACEMENT.
- PRIOR TO STARTING DEMOLITION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY LOCAL GOVERNMENTAL AGENCIES.
- THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL UTILITY COMPANIES FOR THE DISCONNECTION AND REMOVAL OF SERVICES TO EXISTING STRUCTURES.
- ITEMS SHOWN ON THE DEMOLITION PLAN TO BE SALVAGED SHALL BE TRANSPORTED TO A LOCATION SPECIFIED BY THE OWNER OR HIS\HER REPRESENTATIVE.
- ITEMS OF SALVAGEABLE VALUE TO THE CONTRACTOR MAY BE REMOVED WITH THE PERMISSION OF THE OWNER OR HIS\HER REPRESENTATIVE. THE CONTRACTOR SHALL NOT STORE THESE ITEMS ON SITE.
- THE CONTRACTOR SHALL NOT USE EXPLOSIVES OR BURN DEBRIS.
- CONDUCT DEMOLITION OPERATIONS TO ENSURE MINIMAL INTERFERENCE WITH ROADS, SIDEWALKS AND ANY OTHER ADJACENT OCCUPIED FACILITIES.
- DO NOT CLOSE OR OBSTRUCT ROADS, SIDEWALKS, OR ANY OTHER OCCUPIED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITY HAVING JURISDICTION AND/OR PROPERTY OWNERS.
- THE CONTRACTOR SHALL ENSURE SAFE PASSAGE OF PERSONS TRAVERSING THROUGH OR AROUND THE CONSTRUCTION SITE.
- THE CONTRACTOR SHALL PROTECT SURROUNDING STRUCTURES, UTILITIES, AND OTHER FACILITIES FROM DAMAGE DURING DEMOLITION AND REMOVAL OPERATIONS.
- BUILDING STRUCTURES INCLUDING FOUNDATIONS AND BASEMENTS, SHALL BE REMOVED AND BACKFILLED WITH APPROVED BACKFILL MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING EIGHT INCHES IN THICKNESS. EACH LIFT SHALL BE COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, OR IF SUCH REPORT IS UNAVAILABLE, TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557, MODIFIED PROCTOR METHOD +/- 3% OF OPTIMUM MOISTURE CONTENT.
- UTILITIES SHALL BE REMOVED AND THE TRENCHES BACKFILLED WITH APPROVED BACKFILL MATERIAL. BACKFILL MATERIAL SHALL BE PLACED IN MAXIMUM EIGHT INCH LIFTS AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT OR TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557, MODIFIED PROCTOR METHOD +/- 3% OF OPTIMUM MOISTURE CONTENT.
- TRANSPORT DEMOLITION MATERIAL TO AN INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT PERMITTED LANDFILL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE CONSTRUCTION SITE AND SURROUNDING AREAS ARE FREE OF ACCUMULATED DEBRIS.

| DEMOLITION LEGEND: | |
|--------------------|------------------------------------|
| DESCRIPTION: | |
| | MISC LINE TO BE RELOCATED |
| | MISC. ITEM TO BE REMOVED/RELOCATED |
| | ASPHALT/CONCRETE TO BE REMOVED |
| | TOP SOIL TO BE REMOVED |

MAIN STREET CONSULTING COMPANY

675 North Main Street
Franklin, IN 46131
PH: 317.455.4765
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Bradley P. O'Hara

DEMOLITION PLAN

Hillview Veterinary Clinic, LLC
1761 THORNBURG LANE, FRANKLIN, IN
NEEDHAM TOWNSHIP, JOHNSON COUNTY, INDIANA

DEMOLITION LEGEND:

C1-DEMOLITION
DATE: 08.26.2028
PROJ. NO.:
DRAWN BY:
SURVEYED BY:
SCALE: 1"=20'

DEMO

SHEET NO.:
C1.1

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| SECTION CORNER | CURB INLET |
| REBAR FOUND | INLET |
| REBAR SET | DRAINAGE MANHOLE |
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| GUY WIRE | GAS VALVE |
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SITE DATA

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= 1.838± ACRES NET OF R/W

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PROPOSED BUILDING FIRST FLOOR FOOTPRINT ADDITION = 706 SF

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In accordance with a memo from the City dated 04.28.2021:

Parking is based off of 1 space per employee at largest shift (with shift overlap) - 15 employees on April 26 = 15 spaces

PLUS

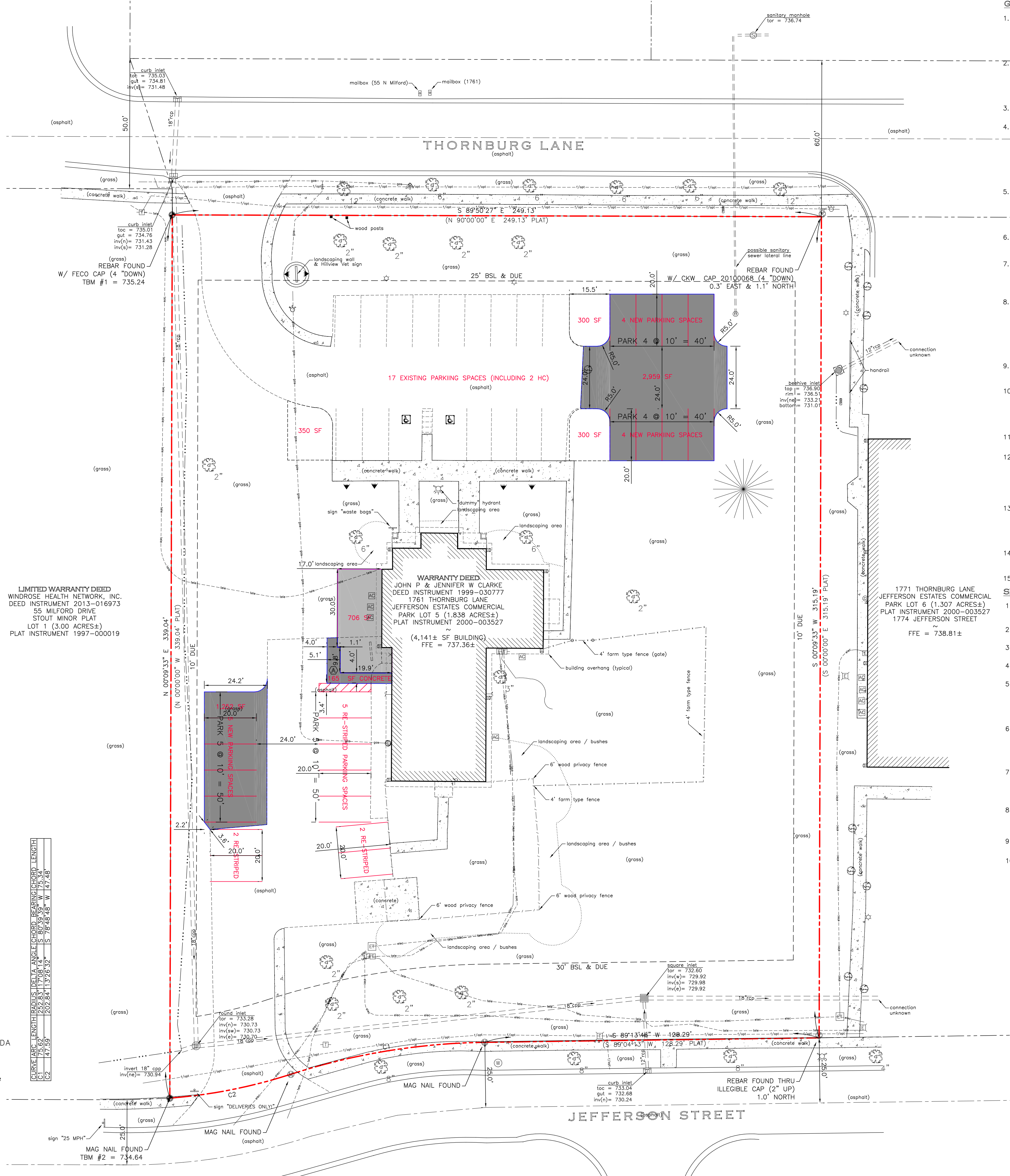
1 space per 300 sq.ft. of gross floor area of a veterinarian office - 7,052/300 = 24 spaces (also = 7,200/300)

TOTAL REQUIRED = 39 spaces with at least 2 of those meeting ADA requirements

(The area of the expanded parking lot will need to include a minimum of 5% interior landscaping to be located within landscape islands a minimum of 300 sq.ft. in area with 1 tree planted per required 300 sq.ft.)


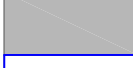



LEGAL DESCRIPTION

Lot Numbered 5 in Jefferson Estates Commercial Park, an addition to the City of Franklin as recorded as Instrument 2000-003527 in the Office of the Recorder of Johnson County, Indiana.



- GENERAL NOTES**
- THE UTILITIES INDICATED ON THESE PLANS AND ON THE SURVEY MAY NOT BE A COMPLETE INVENTORY OF ALL THE EXISTING UTILITIES PRESENT ON AND AROUND THE SITE. THE LOCATION AND SIZE OF THESE UTILITIES MAY BE APPROXIMATE. THE ENGINEER SHALL NOT BE HELD LIABLE FOR ANY INACCURATE UTILITY INFORMATION INDICATED, IMPLIED, OR NOT INDICATED ON THESE PLANS.
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE INDICATED IN THE DRAWINGS. ANY PIPING, WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION OF SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR, AT HIS EXPENSE WITH THE PERMISSION OF THE OWNER.
 - BEFORE WORKING WITH OR AROUND EXISTING UTILITIES, THE APPLICABLE UTILITY COMPANY SHALL BE CONTACTED BY THE CONTRACTOR.
 - THE CONTRACTOR SHALL PRESERVE AND PROTECT PROPERTY MARKERS, SECTION CORNERS, SURVEY MARKS AND CITY BENCH MARKS, SUCH AS STONE, PIPES, OR OTHER MONUMENTS ENCOUNTERED. IF THE CONTRACTOR MUST RELOCATE THE PROPERTY MARKERS OR MONUMENTS, THEIR LOCATION SHALL BE REFERENCED BY A REGISTERED LAND SURVEYOR AND THE OWNER NOTIFIED BEFORE MOVING. ALL PROPERTY MARKERS AND MONUMENTS RELOCATED DURING CONSTRUCTION SHALL BE RE-ESTABLISHED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT EACH DAY AND REMOVE ALL MUD, DIRT, GRAVEL AND LOOSE MATERIALS TRACKED, DUMPED, SPILLED OR WIND BLOWN FROM THE SITE ON TO OTHER SITES, RIGHT-OF-WAYS, PUBLIC OR PRIVATE STREETS, DRIVEWAYS, YARDS, OR SIDEWALKS. THE CONTRACTOR SHALL CLEAN DAILY IF NECESSARY. WATER MAY BE USED AS A REDUCER.
 - ROADWAY SURFACING AND BASE MATERIALS, OR ANY OTHER PROPERTY REMOVED OR DAMAGED, SHALL BE REPLACED OR REPAIRED AS PROVIDED FOR IN THE SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AT HIS EXPENSE ALL AUTOMOBILE AND PEDESTRIAN TRAFFIC CONTROL DEVICES REQUIRED BY FEDERAL, STATE, COUNTY, CITY OR LOCAL PERMITS. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR TO PROVIDE FOR ACCESS TO THE RESIDENCES ACROSS THE WORK AREA.
 - THE CONTRACTOR IS SOLELY AND COMPLETELY RESPONSIBLE FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING EROSION CONTROL AND THE SAFETY OF ALL PERSONS AND PROPERTY; THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ALL LIABILITY, REAL, OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OR WORK ON THE PROJECT EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
 - INFORMATION ON DETAIL DRAWINGS TAKES PRIORITY OVER ALL GENERAL DRAWINGS AND SCHEDULES. CONFLICTS SHALL BE RESOLVED ACCORDINGLY.
 - WHEN CONNECTIONS ARE TO BE MADE TO EXISTING PIPING AND STRUCTURES OR WHERE CONSTRUCTION IS IN THE VICINITY OF EXISTING PIPING, THE LOCATION AND ELEVATION OF THE EXISTING PIPING SHALL BE FIELD VERIFIED AND NOTIFICATION GIVEN TO THE OWNER IF THE EXISTING PIPING IS FOUND TO BE DIFFERENT THAN THAT SHOWN ON THE DRAWINGS.
 - FOR CLARITY OF THESE DRAWINGS, PIPES MAY NOT BE DRAWN TO SCALE OR EXACTLY LOCATED.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR OR CONTRACTORS TO OBTAIN ALL FEDERAL, STATE, COUNTY, CITY OR LOCAL PERMITS FOR ANY AND ALL WORK REQUIRED UNLESS OTHERWISE NOTED. THE CONTRACTOR OR CONTRACTORS ARE RESPONSIBLE TO PAY FOR ALL REQUIRED PERMITS BY ANY OR ALL AGENCIES MENTIONED ABOVE, UNLESS OTHERWISE NOTED IN THE CONTRACT OR SPECIFICATIONS. ALL ASSOCIATED BONDING REQUIREMENTS AND COSTS ARE INCIDENTAL TO THE CONTRACT.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS AND ELEVATIONS DURING THE ENTIRE CONSTRUCTION SCHEDULE. IF ANY DISCREPANCIES ARE FOUND IN THESE ENGINEERING PLANS FROM ACTUAL FIELD DIMENSIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
 - ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF THE FEDERAL, STATE, COUNTY, CITY OR LOCAL REQUIREMENTS, WHICHEVER HAS JURISDICTION.
 - ALL TRAFFIC AND STREET SIGNAGE SHALL MEET MUTCD STANDARDS, LATEST EDITION.

- SITE LAYOUT NOTES**
- ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF THE FEDERAL, STATE, COUNTY, CITY, OR LOCAL REQUIREMENTS, WHICHEVER HAS JURISDICTION.
 - ALL PARKING STRIPES ARE TO BE 4" PAINTED WHITE. UNLESS OTHERWISE NOTED ON THE PLANS, DETAILS, OR SPECIFICATIONS.
 - ALL DIMENSIONS ARE TO EDGE OF PAVEMENT OR FACE OF CURB, WHERE APPLICABLE.
 - ALL DIMENSIONS ARE TO OUTSIDE FACE OF BRICK OR FACING MATERIAL, WHERE APPLICABLE.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS AND ELEVATIONS DURING THE ENTIRE CONSTRUCTION SCHEDULE. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM ACTUAL FIELD DIMENSIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
 - PROVIDE SMOOTH TRANSITION FROM NEWLY PAVED AREAS TO EXISTING AREAS AS NECESSARY. ALL AREAS WHERE PROPOSED PAVEMENT MEETS EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE FREE OF ALL LOOSE DEBRIS. THE EDGE OF EXISTING ASPHALT PAVEMENT SHALL BE PROPERLY SEALED WITH A TACK COAT MATERIAL IN ALL AREAS WHERE NEW ASPHALT PAVEMENT IS INDICATED TO JOIN EXISTING.
 - ALL EXCAVATED AREAS TO BE SEEDED AND/OR SODDED AFTER FINISH GRADING UNLESS OTHERWISE NOTED. ALL NEWLY SODDED/SEEDED AREAS SHALL HAVE A MINIMUM OF 4" OF TOPSOIL. HOLD SOIL DOWN 1" FROM PAVEMENT ELEVATION. CONTRACTOR TO SUPPLY STRAW MULCH WHERE GRASS SEED HAS BEEN PLANTED.
 - RESURFACE OR RECONSTRUCT AT LEAST TO ORIGINAL CONDITIONS ALL AREAS WHERE TRAFFIC BY CONTRACTORS, SUBCONTRACTORS OR SUPPLIERS HAVE DAMAGED EXISTING PAVEMENT, LAWNS OR OTHER IMPROVEMENTS DURING CONSTRUCTION, AFTER CONSTRUCTION WORK IS COMPLETE.
 - ALL UTILITY TRENCHES WITHIN 5 FEET OF PAVEMENT SHALL BE COMPLETELY BACKFILLED WITH GRANULAR BACKFILL.
 - ALL RADII INDICATED SHALL BE CONSTRUCTED AS CIRCULAR ARCS.

| PROPOSED SITE LEGEND: | |
|---|---|
| DESCRIPTION: | |
|  | ROW PAVEMENT |
|  | HEAVY DUTY PAVEMENT |
|  | LIGHT DUTY PAVEMENT |
|  | INDOT ROW PAVEMENT |
|  | 7" PLAIN CONCRETE PAVEMENT |
| (A) | COMBINED CURB AND WALK |
| (B) | COMBINED CONCRETE CURB & GUTTER (TY. III) |
| (C) | HANDICAP PARKING SIGN |
| (D) | HANDICAP PARKING SYMBOL |
| (E) | HANDICAP RAMP |
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MAIN STREET CONSULTING COMPANY

REGISTERED PROFESSIONAL ENGINEER

NO. PE02000907

STATE OF INDIANA

Bradley P. O'Hara

Bradley P. O'Hara

REGISTERED PROFESSIONAL ENGINEER

NO. PE02000907

STATE OF INDIANA

SITE PLAN

Hillview Veterinary Clinic, LLC

1761 THORNBURG LANE, FRANKLIN, IN

NEEDHAM TOWNSHIP, JOHNSON COUNTY, INDIANA

C2.0-SITE.DWG

DATE: 08.29.2028

DRAWN BY: C2.0

SURVEYED BY: B.O.T.

SCALE: 1"=20'

SITE

SHEET NO.:

C2.0

BENCHMARKS:

FRANKLIN 1920 NO 1 1974 = 730.55 (NAVD 1988)

REFERENCE MARK 1 IS A STANDARD DISK STAMPED FRANKLIN 1920 NO 1 1974 SET IN A DRILL HOLE IN THE TOP AND SOUTHWEST CORNER OF THE CONCRETE BASE OF RAILROAD CROSSING LIGHT , 24 FEET NORTH OF THE CENTERLINE OF MADISON STREET AND 16 FEET EAST OF THE EAST RAIL OF THE RAILROAD BETWEEN CROWELL AND DEPOT STREETS.

TBM#1 = 735.24

REBAR WITH YELLOW PLASTIC CAP MARKED FECO FOUND 4 INCHES DOWN AT THE NORTHWEST CORNER OF LOT 5.

TBM#2 = 734.64

MAG NAIL FOUND AT THE NORTH EDGE OF THE SIDEWALK AT THE SOUTHWEST CORNER OF LOT 5.

UTILITY STATEMENT:

The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees that the underground utilities comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

| EXISTING LEGEND: | |
|----------------------|------------------------|
| DESCRIPTION: | DESCRIPTION: |
| EXISTING ASPHALT | TRAFFIC POLE |
| EXISTING STONE | TRAFFIC MANHOLE |
| EXISTING CONCRETE | SANITARY MANHOLE |
| TEMPORARY BENCH MARK | CLEAN OUT |
| SECTION CORNER | CURB INLET |
| REBAR FOUND | INLET |
| REBAR SET | DRAINAGE MANHOLE |
| POWER POLE | GAS METER |
| GUY WIRE | GAS VALVE |
| ELECTRIC TRANSFORMER | GAS MARKER |
| ELECTRIC CROSS BOX | BUSH |
| AIR CONDITIONER | DECIDUOUS TREE |
| ELECTRIC METER BOX | CONIFEROUS TREE |
| LIGHT POLE | FARM FIELD FENCE |
| GUARD POST | CHAIN LINK FENCE |
| TELEPHONE PEDESTAL | FLOWLINE |
| SOIL BORING | OVERHEAD ELECTRIC LINE |
| MAIL BOX | UNDERGROUND ELECTRIC |
| SIGN | UNDERGROUND TELEPHONE |
| WATER VALVE | FIBER OPTIC LINE |
| FIRE HYDRANT | WATER LINE |
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FLOOD ZONE NOTE:

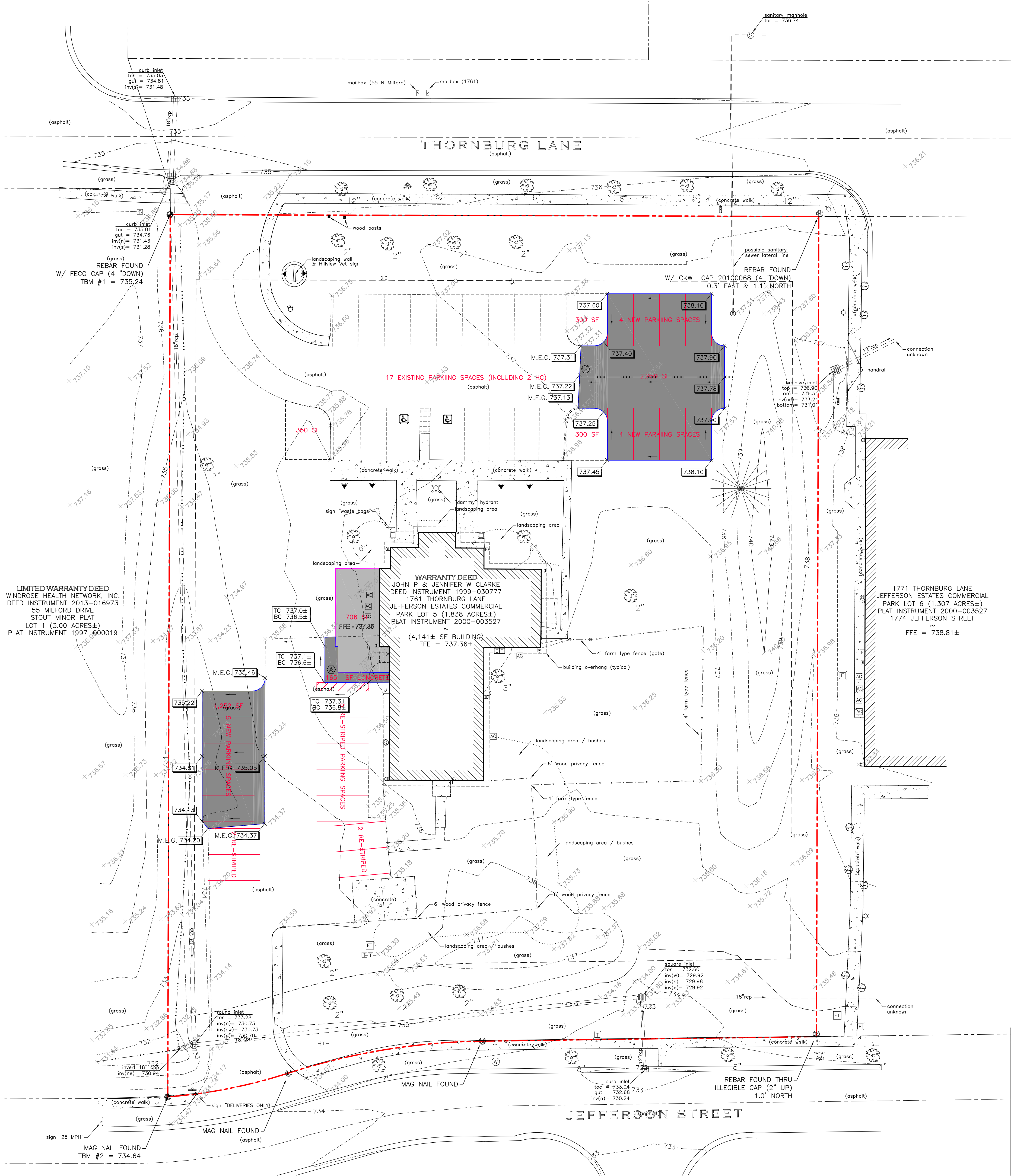
The accuracy of any flood hazard data shown on this survey is subject to map scale uncertainty and to any other uncertainty in location or elevation on the referenced Flood Insurance Rate Map. The property described on this Survey is located in Zone X (areas of minimal flooding) and is NOT located in Zone A (Areas of 100 year flood) as said tract plots by scale on Community Panel No. 18081 C 0232 D of the Flood Insurance Rate Maps for City of Franklin, Johnson County, Indiana dated 08.02.2007.

TOPO NOTE:

THIS TOPOGRAPHIC SURVEY MAP WAS PREPARED IN ACCORDANCE WITH 865 IAC 1-12-12. THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR A SURVEYOR LOCATION REPORT.

Know what's below. Call before you dig.

Scale 1" = 20'



- GRADING NOTES**
- ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF THE FEDERAL, STATE, COUNTY, CITY OR LOCAL REQUIREMENTS, WHICHEVER HAS JURISDICTION.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
 - THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTORS AND/OR UTILITY COMPANIES SO AS NOT TO CAUSE DAMAGE.
 - THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS BEFORE CONSTRUCTION IS TO START, TO VERIFY IF ANY UTILITIES ARE PRESENT ONSITE. ALL VERIFICATIONS (LOCATION, SIZE AND DEPTH) SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANIES. WHEN EXCAVATING IS AROUND OR OVER EXISTING UTILITIES, THE CONTRACTOR MUST NOTIFY THE UTILITY COMPANY SO A REPRESENTATIVE OF THAT UTILITY COMPANY CAN BE PRESENT TO INSTRUCT AND OBSERVE DURING CONSTRUCTION.
 - TRENCHES FOR ALL STORM PIPES SHALL BE BACKFILLED COMPLETELY WITH ENGINEERED GRANULAR MATERIAL IF WITHIN 5 FEET OF PAVEMENT.
 - AFTER STRIPPING TOPSOIL MATERIAL, PROOFROLL WITH A MEDIUM WEIGHT ROLLER TO DETERMINE LOCATIONS OF ANY POCKETS OF UNSUITABLE MATERIAL. THE NECESSITY FOR SUBDRAINS AND/OR REMOVAL OF ANY UNSUITABLE MATERIAL WITHIN THE PROPOSED PARKING AREAS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.
 - PROVIDE POSITIVE DRAINAGE WITHOUT PONDING, IN ALL AREAS, AFTER INSTALLATION. CONTRACTOR TO TEST FOR, AND CORRECT, IF ANY, "BIRD BATH" CONDITIONS.
 - ALL PROPOSED SPOT ELEVATIONS ARE THE FINAL PAVEMENT AND FINAL GRADE ELEVATIONS.
 - SEE APPROPRIATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE ELEVATIONS.
 - FLOW LINE ELEVATIONS ARE GIVEN AT END OF CONCRETE END SECTIONS.
 - TOR = TOP OF RIM AND REFLECTS PAVEMENT GRADE.

| PROPOSED GRADING LEGEND: | |
|----------------------------------|---------------------------------------|
| DESCRIPTION: | ABBREVIATIONS |
| PROPOSED SPOT | EP = EDGE OF PAVT. |
| PROPOSED CURB ELEVATION | TC = TOP OF CURB |
| PROPOSED CONTOUR | BC = BOTTOM OF CURB |
| EXISTING CONTOUR | TOR = TOP OF RIM (PAVEMENT ELEVATION) |
| PROPOSED GRADE BREAK | INV = STORM INVERT |
| PROPOSED FLOOD RTE/EMGR SPILLWAY | FL = FLOWLINE |
| PROPOSED STORM SEWER | ME = MATCH EXISTING |

MAIN STREET CONSULTING COMPANY

675 North Main Street
Franklin, IN 46131
Ph: 317.455.4765
ot@mainstreetconsulting.com
www.mainstreetconsulting.com

Bradley P. Ott

REVISIONS

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GRADING PLAN

Hillview Veterinary Clinic, LLC

1761 THORNBURG LANE, FRANKLIN, IN
NEEDHAM TOWNSHIP, JOHNSON COUNTY, INDIANA

C3.0-GR.DWG
08.20.2028
DATE: 08.20.2028
DRAWN BY: BOTT
SURVEYED BY: BOTT
SCALE: 1"=20'

GRADING

SHEET NO.:
C3.0

BENCHMARKS:

FRANKLIN 1920 NO 1 1974 = 730.55 (NAVD 1988)
REFERENCE MARK 1 IS A STANDARD DISK STAMPED FRANKLIN 1920 NO 1 1974 SET IN A DRILL HOLE IN THE TOP AND SOUTHWEST CORNER OF THE CONCRETE BASE OF RAILROAD CROSSING LIGHT , 24 FEET NORTH OF THE CENTERLINE OF MADISON STREET AND 16 FEET EAST OF THE EAST RAIL OF THE RAILROAD BETWEEN CROWELL AND DEPOT STREETS.

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| EXISTING STONE | TRAFFIC MANHOLE |
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| TEMPORARY BENCH MARK | CLEAN OUT |
| SECTION CORNER | CURB INLET |
| REBAR FOUND | INLET |
| REBAR SET | DRAINAGE MANHOLE |
| POWER POLE | GAS METER |
| GUY WIRE | GAS VALVE |
| ELECTRIC TRANSFORMER | GAS MARKER |
| ELECTRIC CROSS BOX | BUSH |
| AIR CONDITIONER | DECIDUOUS TREE |
| ELECTRIC METER BOX | CONIFEROUS TREE |
| LIGHT POLE | FARM FIELD FENCE |
| GUARD POST | CHAIN LINK FENCE |
| TELEPHONE PEDESTAL | FLOWLINE |
| SOIL BORING | OVERHEAD ELECTRIC LINE |
| MAIL BOX | UNDERGROUND ELECTRIC |
| SIGN | UNDERGROUND TELEPHONE |
| WATER VALVE | FIBER OPTIC LINE |
| FIRE HYDRANT | WATER LINE |
| WATER METER | GAS LINE |

FLOOD ZONE NOTE:

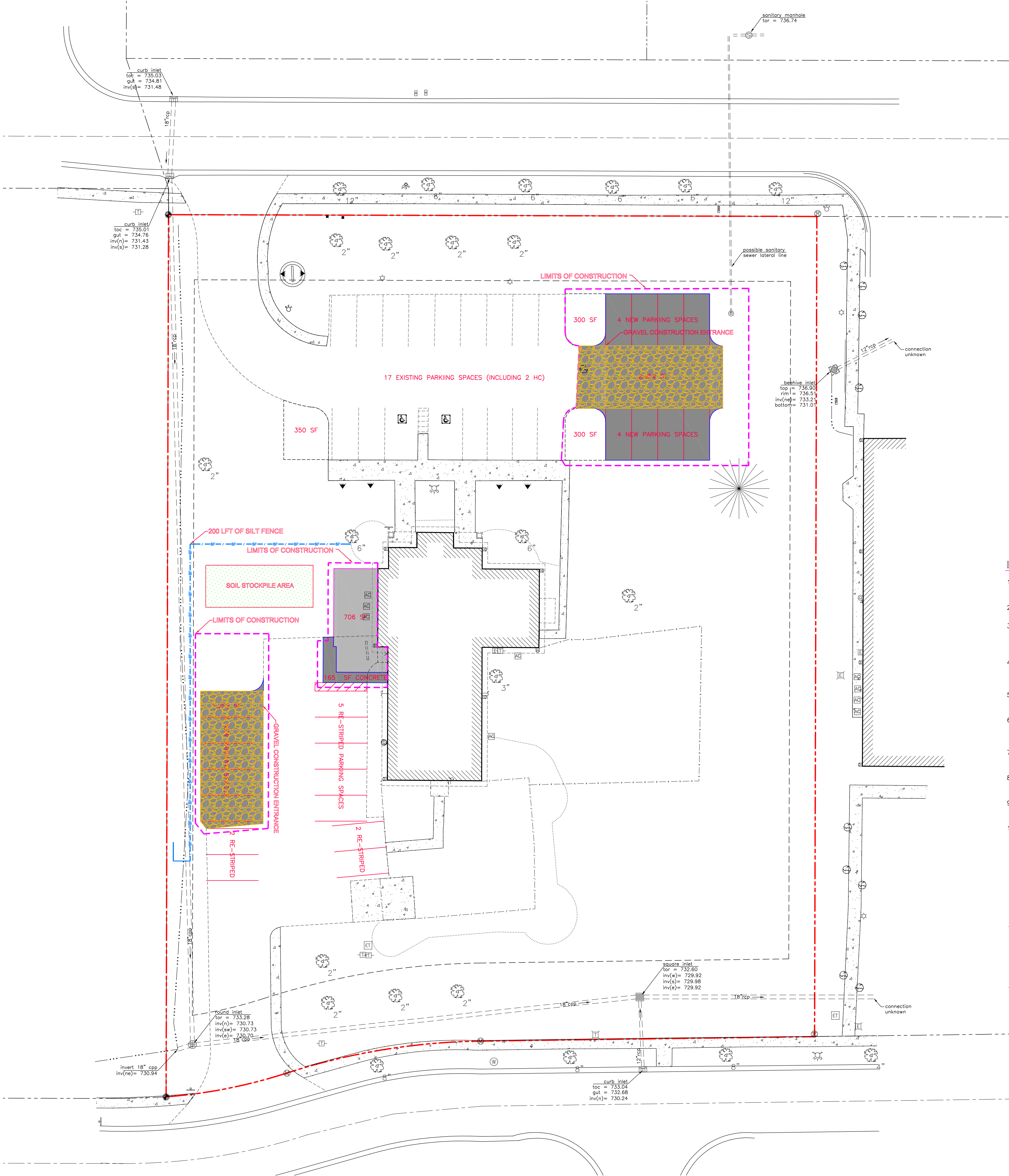
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TOPO NOTE:

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811
Know what's below.
Call before you dig.

Scale 1" = 20'



- EROSION CONTROL NOTES
1. ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF THE FEDERAL, STATE, COUNTY, CITY OR LOCAL REQUIREMENTS, WHICHEVER HAS JURISDICTION.

2. LAND ALTERATION WHICH STRIPS THE LAND OF VEGETATION, INCLUDING REGRADING, SHALL BE DONE IN A WAY THAT WILL MINIMIZE EROSION.

3. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.

4. SEDIMENT LADEN WATER SHALL BE DETAINED BY EROSION CONTROL PRACTICES AS NEEDED TO MINIMIZE SEDIMENTATION IN THE RECEIVING STREAM. NO STORM WATER SHALL BE DISCHARGED FROM THE SITE IN A MANNER THAT CAUSES EROSION AT THE POINT OF DISCHARGE.

5. WASTES AND UNUSED BUILDING MATERIALS SHALL NOT BE ALLOWED TO BE CARRIED FROM THE SITE BY STORMWATER RUNOFF. PROPER DISPOSAL OF ALL WASTES AND UNUSED BUILDING MATERIALS IS REQUIRED.

6. SEDIMENT BEING TRACED ONTO PUBLIC OR PRIVATE ROADWAYS SHALL BE MINIMIZED. CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE SITE FOR DISPOSAL.

7. SOIL WHICH HAS ACCUMULATED NEXT TO EROSION CONTROL DEVICES SHALL BE COLLECTED AND REDISTRIBUTED ON SITE AFTER EACH RAINFALL EVENT, AND AT LEAST ONCE A WEEK.

8. IF INSTALLATION OF STORM DRAINAGE SYSTEM SHOULD BE INTERRUPTED BY WEATHER OR NIGHTFALL, THE PIPE ENDS SHALL BE COVERED WITH FILTER FABRIC.

9. ALL EXISTING STRUCTURES, FENCING, TREES AND ETC., WITHIN CONSTRUCTION AREA SHALL BE REMOVED AND DISPOSED OF OFF SITE. BURNING IS NOT ALLOWED ON-SITE.

10. SCHEDULE OF EARTHWORK ACTIVITIES:

a) THE DURATION OF TIME WHICH AN AREA REMAINS EXPOSED SHALL BE KEPT TO A PRACTICAL MINIMUM. THE AREA SHALL BE STABILIZED SOON AS POSSIBLE. TEMPORARY VEGETATION OR MULCHING SHALL BE USED TO PROTECT EXPOSED AREAS IF PERMANENT VEGETATION CANNOT BE SEEDED WITHIN 14 DAYS OR ACTIVITY CEASES FOR MORE THAN 21 DAYS OR AS DIRECTED BY THE ENGINEER.

b) TOPSOIL REPLACEMENT SHALL TAKE PLACE FROM MARCH 1 TO OCTOBER 31. STOCKPILE TOPSOIL AT ALL OTHER TIME OF THE YEAR. PERMANENT AND FINAL VEGETATION AND STRUCTURAL EROSION CONTROL DEVICES SHALL BE INSTALLED WITHIN SEVEN (7) DAYS AFTER FINAL GRADING OR AS SOON AS POSSIBLE.

11. INFORM ALL GENERAL CONTRACTORS, CONSTRUCTION MANAGEMENT FIRMS, GRADING OR EXCAVATING CONTRACTORS, AND ALL OTHER CONTRACTORS WITH PRIMARY OVERSIGHT ON INDIVIDUAL BUILDING LOTS OF THE TERMS AND CONDITIONS OF THE STORM WATER RULE 5, AND THE CONDITIONS AND STANDARDS OF THIS EROSION CONTROL PLAN, SCHEDULE FOR IMPLEMENTATION, AND THE CONSTRUCTION SITE EROSION CONTROL PLAN REPORT.

12. ADDITIONAL MEASURES MAY BE REQUIRED IN THE FIELD BY THE INSPECTOR.

| PROPOSED EROSION CONTROL LEGEND: | |
|--|----------------|
| DESCRIPTION: | DETAIL #/SH. # |
| PROPOSED GRAVEL CONST. ENTRANCE | DETAIL 01/C4.1 |
| PROPOSED EROSION CONTROL MAT | DETAIL 02/C4.1 |
| PROPOSED RIPRAP | DETAIL 03/C4.1 |
| DB PROPOSED DANDY BAG INLET PROTECTION | DETAIL 04/C4.1 |
| -/-SF-/- PROPOSED SILT FENCE | DETAIL 05/C4.1 |
| TEMPORARY AND PERMANENT SEEDING | DETAIL 06/C4.1 |
| CONSTRUCTION LIMITS | |

MAIN STREET CONSULTING COMPANY
675 North Main Street
Franklin, IN 46131
PH: 317.455.4765
www.mainstreetconsulting.com

REGISTERED PROFESSIONAL ENGINEER
NO. PE0200097
STATE OF INDIANA
Bradley P. Ott

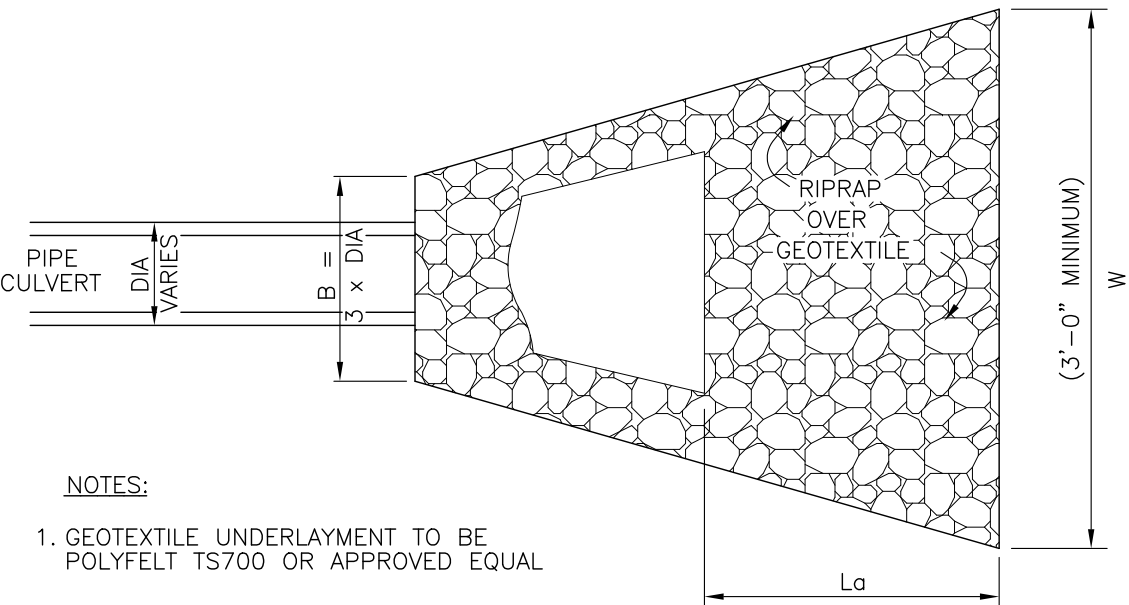
REVISIONS

SWPPP
Hillview Veterinary Clinic, LLC
1761 THORNBURG LANE, FRANKLIN, IN
NEEDHAM TOWNSHIP, JOHNSON COUNTY, INDIANA

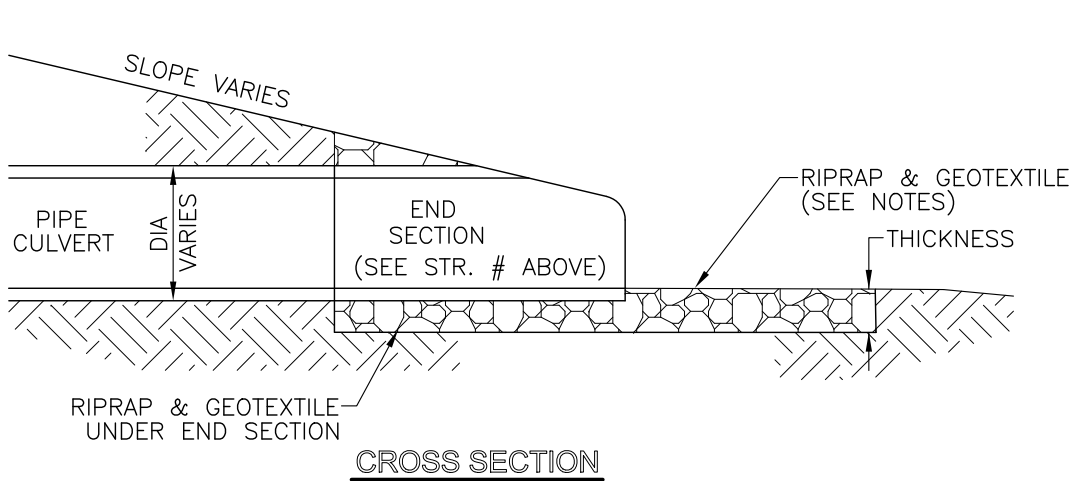
DRAWING: C4.0-SWPPP.DWG
DATE: 08.29.2028
PROJ. NO.: 1761 THORNBURG
DRAIN BY: B.O.T.
SURVEYED BY: B.O.T.
SCALE: 1"=20'

SWPPP
SHEET NO.:
C4.0

| EROSION CONTROL SCHEDULE POST CONSTRUCTION | | | |
|--|---|-----------------------------------|-----------------------|
| MEASURE | MAINTENANCE/MONITORING ACTIVITY | SCHEDULE | INSTALLATION SEQUENCE |
| DETENTION/RETENTION BASINS | <ul style="list-style-type: none"> CLEANING AND REMOVAL OF DEBRIS HARVEST VEGETATION WHEN 50% REDUCTION IN THE ORIGINAL OPEN WATER SURFACE AREA OCCURS. REPAIR OF EMBANKMENT AND SIDE SLOPES REPAIR OF CONTROL STRUCTURE | ANNUAL OR AS NEEDED | DURING ROUGH GRADING |
| | <ul style="list-style-type: none"> REMOVAL OF ACCUMULATED SEDIMENT FROM FOREBAYS OR SEDIMENT STORAGE AREAS WHEN 60% OF THE ORIGINAL VOLUME HAS BEEN LOST | 5-YEAR CYCLE | |
| | <ul style="list-style-type: none"> REMOVAL OF ACCUMULATED SEDIMENT FROM MAIN PART OF POND ONCE 50% OF ORIGINAL VOLUME HAS BEEN LOST | 20-YEAR CYCLE | |
| PERMANENT SEEDING | <ul style="list-style-type: none"> WATERING ONCE ESTABLISHED & THROUGH DROUGHT TIMES MOWING AND LITTER DEBRIS REMOVAL STABILIZATION OF ERODED SLOPES NUTRIENT AND PESTICIDE USE MANAGEMENT DETACHING AND REMOVAL OF THATCHING DISCING OR AERATION | ANNUAL OR AS NEEDED | AFTER FINAL GRADING |
| | <ul style="list-style-type: none"> SEEDING/SODDING TO RESTORE GROUND COVER (USE PROPER EROSION AND SEDIMENT CONTROL) | 5-YEAR CYCLE | |
| | <ul style="list-style-type: none"> PER MANUFACTURER'S RECOMMENDATIONS | PER MANUFACTURER'S RECOMMENDATION | |
| EROSION CONTROL MATS | <ul style="list-style-type: none"> PER MANUFACTURER'S RECOMMENDATIONS | PER MANUFACTURER'S RECOMMENDATION | AFTER FINAL GRADING |



| SIZE | B | L _p | W | THICKNESS | d 50 |
|------|------|----------------|----|-----------|------|
| 18" | 4.5' | 8' | 7' | 6" | 2" |
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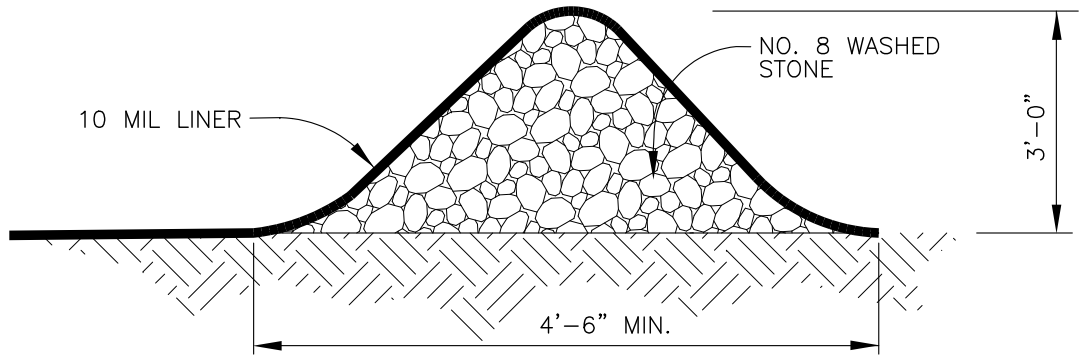
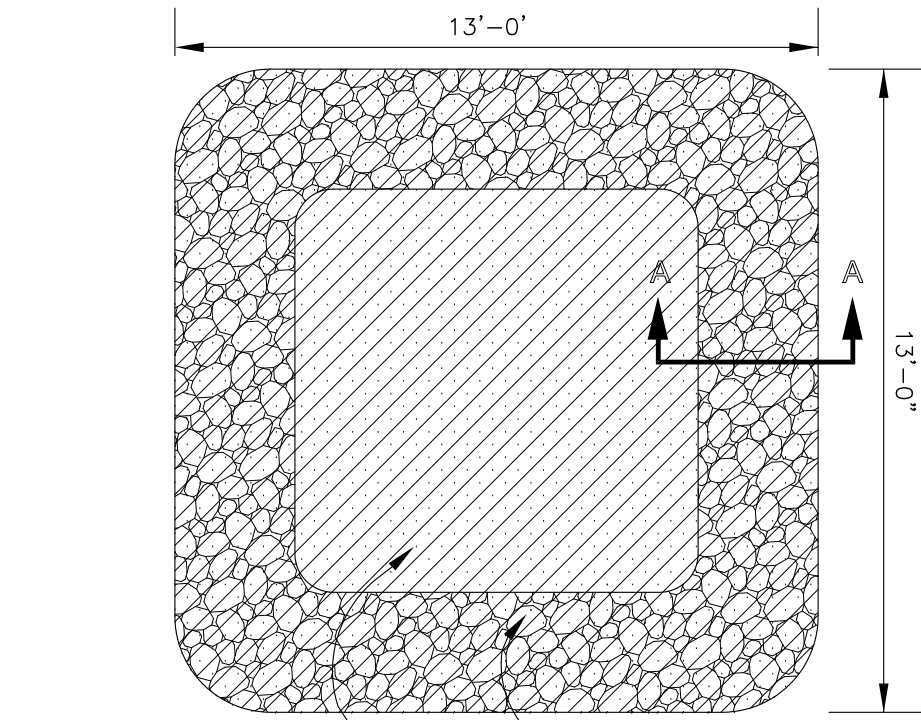


| SIZE OF STONE | % OF TOTAL WEIGHT LARGER THAN GIVEN SIZE |
|---------------|--|
| 3K | 0 |
| 2K | 20 |
| K | 50 |
| 0.1K | 90 |

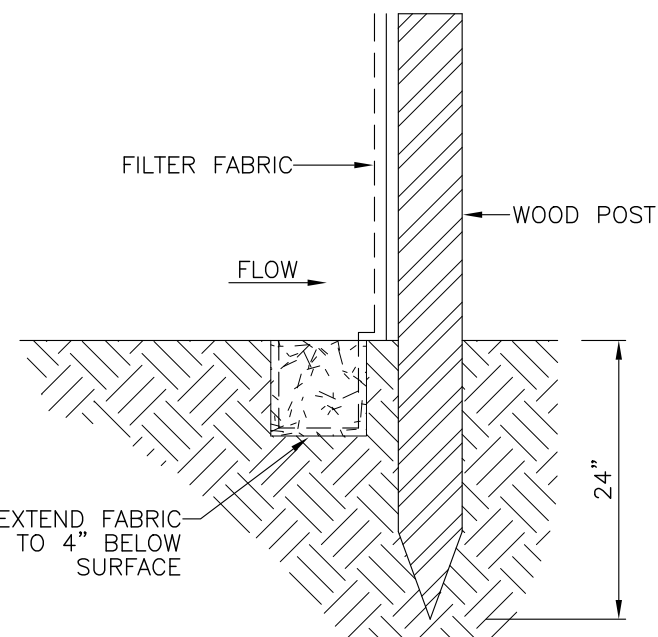
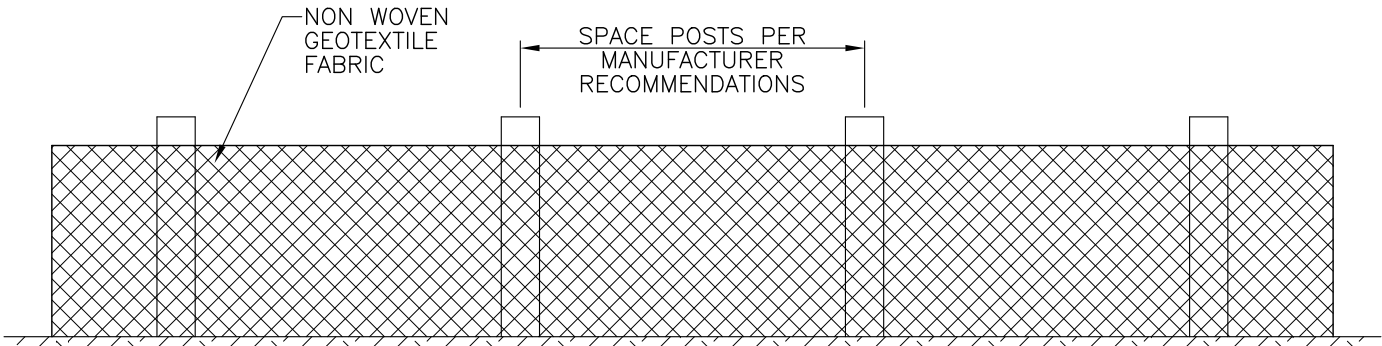
WHERE K = d₅₀

NOTE: DEPTH OF RIP RAP SHALL NOT BE LESS THAN 3 x d₅₀

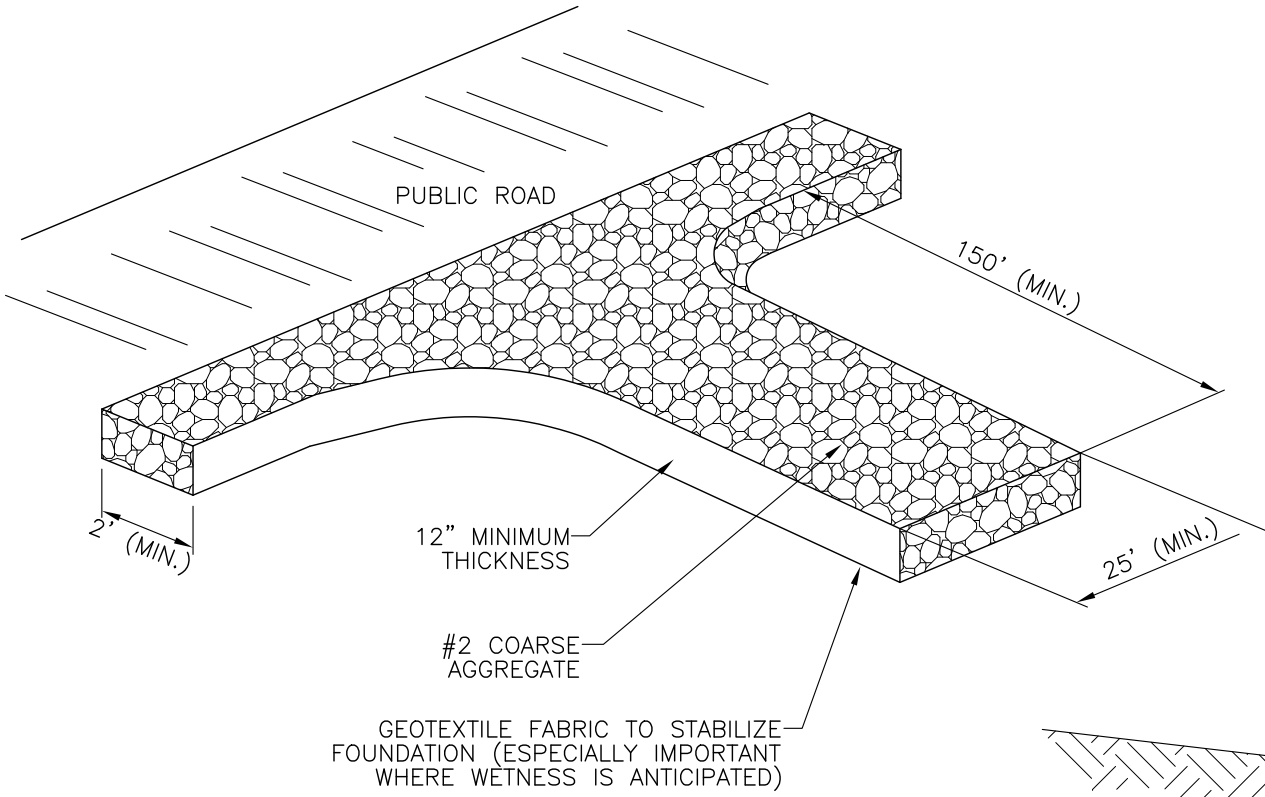
RIPRAP DETAIL @ END SECTION 03 C4.1



CONCRETE (MASONRY) CLEANOUT



SILT FENCE CONSTRUCTION 05 C4.1

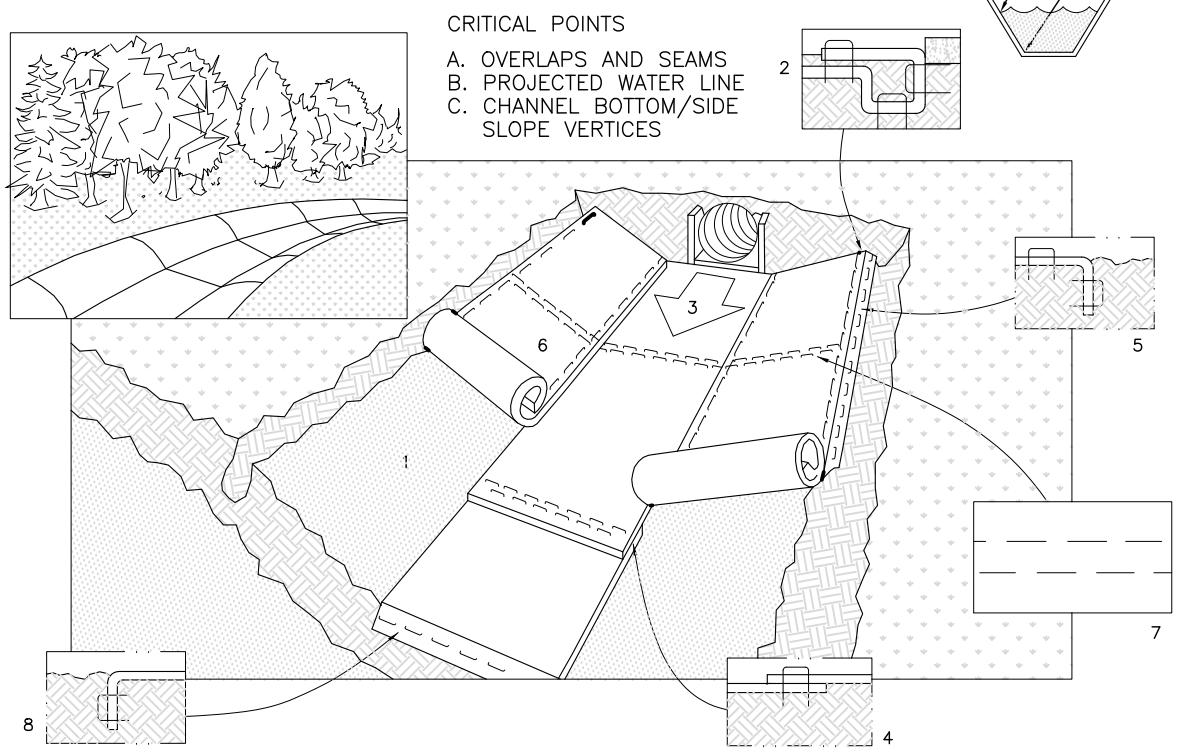


TEMPORARY CONSTRUCTION ENTRANCE 01 C4.1

NOTE: ALL BLANKET REQUIRED FOR THIS PROJECT SHALL BE A MINIMUM OF NORTH AMERICAN GREEN P300 OR APPROVED EQUAL

NOTE: HORIZONTAL STAPLE SPACING SHOULD BE ALTERED IF NECESSARY TO ALLOW STAPLES TO SECURE THE CRITICAL POINTS ALONG THE CHANNEL SURFACE.

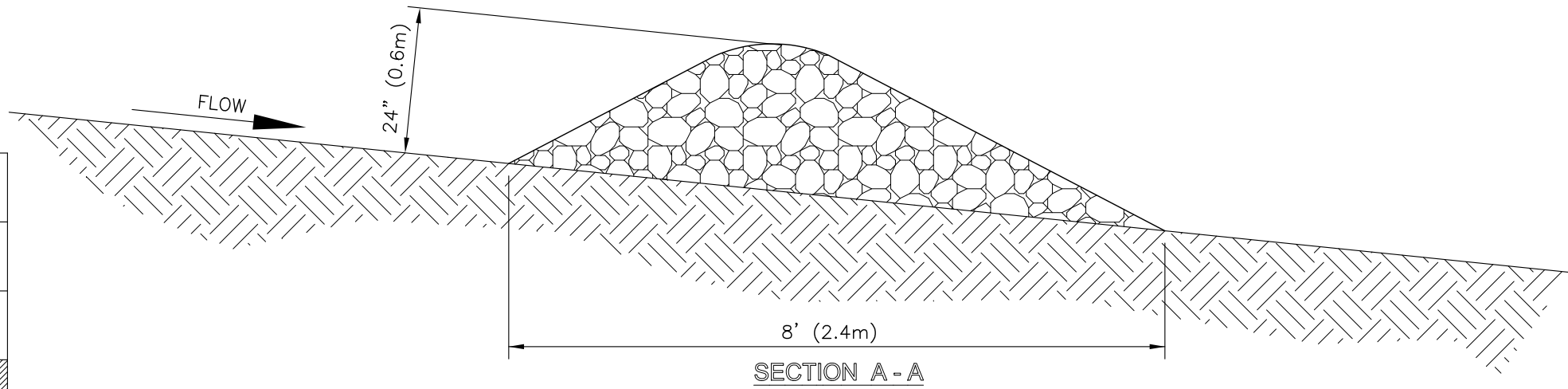
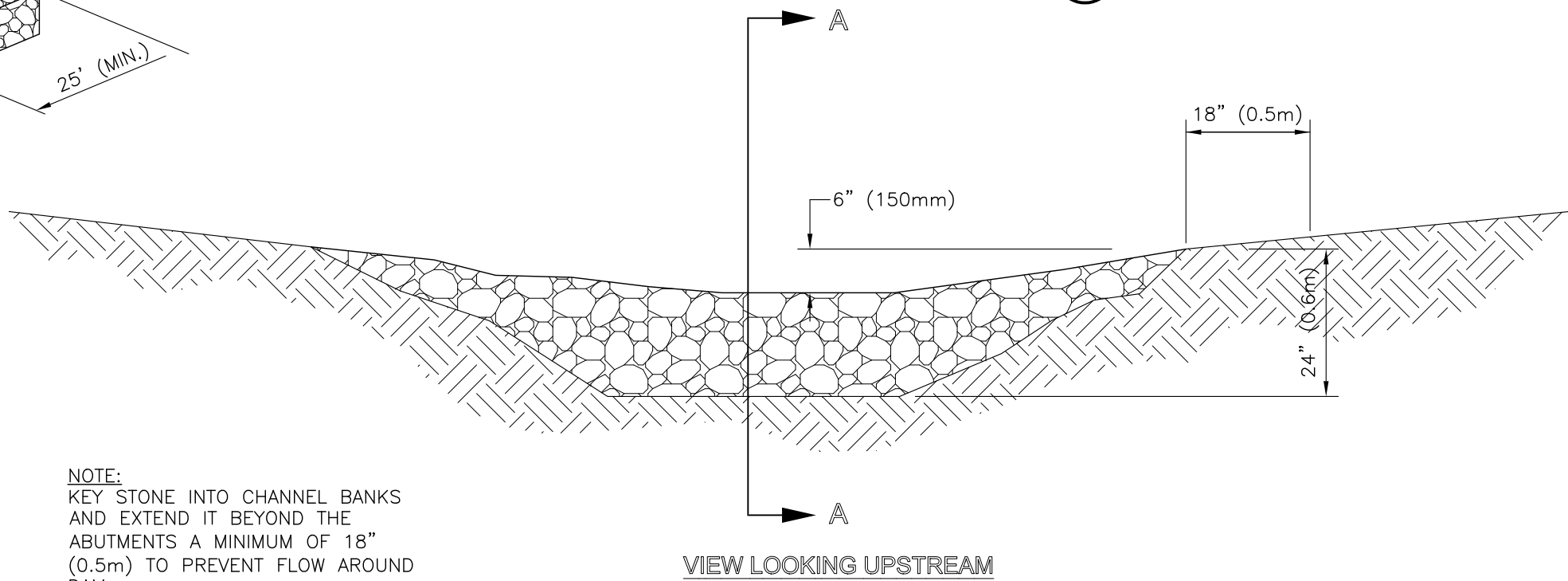
REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE RECOMMENDATIONS FOR CHANNELS.



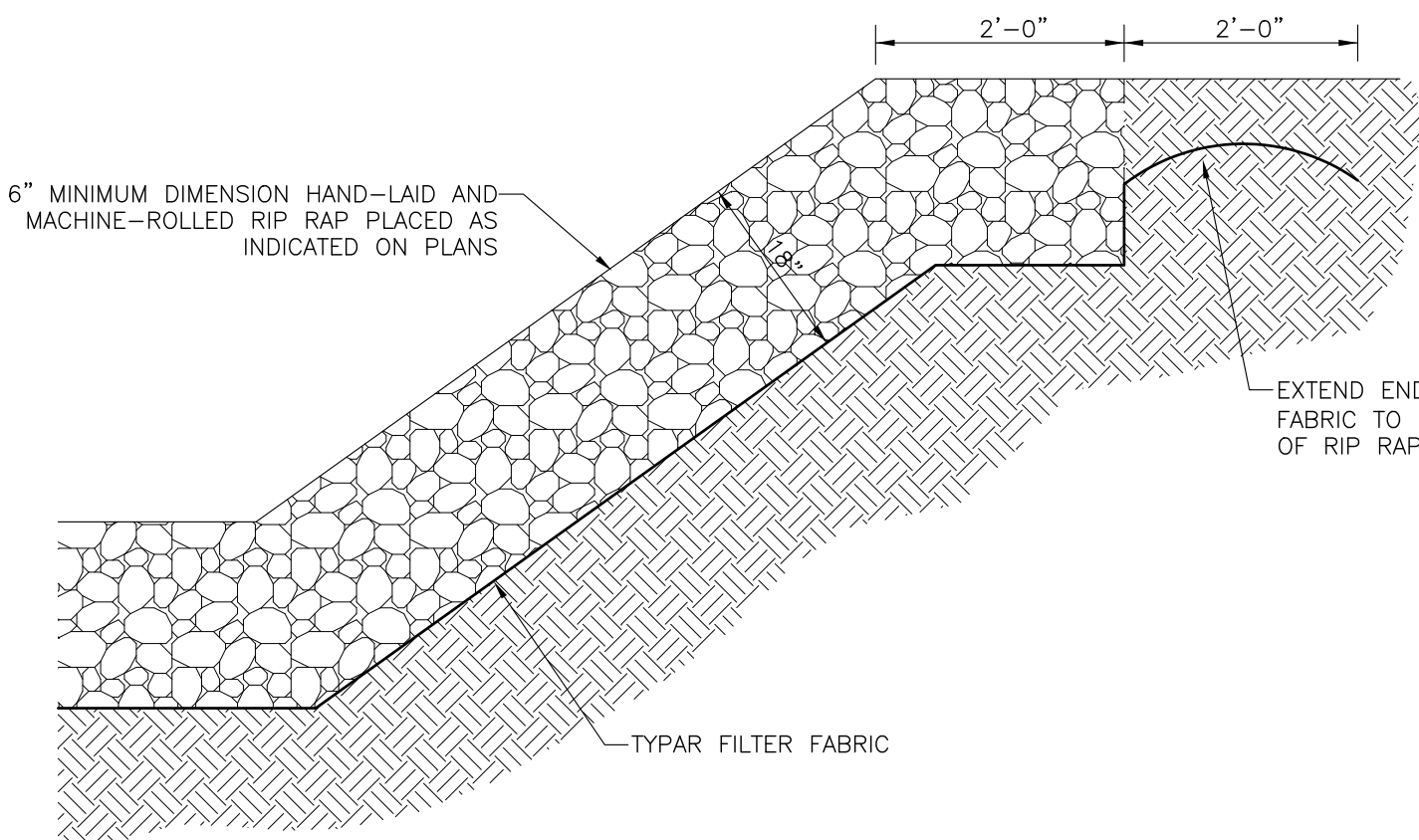
- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED.
- BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW ON BOTTOM OF CHANNEL.
- PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH A 6" OVERLAP. USE A DOUBLE ROW OF STAGGERED STAPLES 4" APART TO SECURE BLANKETS.
- FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPES MUST BE ANCHORED IN 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- BLANKETS ON SIDE SLOPES MUST BE OVERLAPPED 4" OVER THE CENTER BLANKET AND STAPLED (2" FOR C350 MATTING).
- IN HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A ROW OF STAPLES 4" APART OVER ENTIRE WIDTH OF THE CHANNEL. PLACE A SECOND ROW 4" BELOW THE FIRST ROW IN A STAGGERED PATTERN.
- THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

NORTH AMERICAN GREEN
14849 HIGHWAY 41 NORTH, EVANSVILLE, INDIANA 47711
USA 1-800-772-2040 CANADA 1-800-448-2040

EROSION CONTROL BLANKET DETAIL 02 C4.1



ROCK CHECK DAM DETAIL



| TEMPORARY SEEDINGS | | |
|--------------------|-------------------|------------------------------|
| TYPE OF SEED | 1000 SQ. FT. ACRE | REMARKS |
| WHEAT OR RYE | 3.5 LBS. 2 BU. | COVER SEED 1" TO 1 1/2" DEEP |
| SPRING OATS | 2.3 LBS. 3 BU. | COVER SEED 1" DEEP |
| ANNUAL RYEGRASS | 1 LB. 40 LB. | COVER SEED 1/4" DEEP |

* NOT NECESSARY WHERE MULCH IS APPLIED.

| | SOIL CONDITION | | | SHADE TOLERANCE | CLOSE MOWING TOLERANCE | FERTILITY TOLERANCE | FERTILITY NEEDS | WINTER HARDINESS | FLOODING TOLERANCE (DAYS) | MATURE HEIGHT (INCHES) | EMERGENCE TIME (DAYS) | SOIL TOLERANCE | |
|---------------------------------------|----------------|------|-----|-----------------|------------------------|---------------------|-----------------|------------------|---------------------------|------------------------|-----------------------|----------------|------------|
| | WET | NORM | DRY | | | | | | | | | GEN. | SOIL SPRAY |
| CREeping RED FESCUE FESTUCA RUBRA | 2 | 1 | 2 | 1 | 1 | 1 | MED. | 1 | 20-25 | 12-18 | 7-21 | | S |
| KENTUCKY BLUEGRASS POA PROTINIS | 2 | 1 | 2 | 1 | 1 | 1 | MED. | 1 | 20-35 | 12-18 | 10-20 | | MT |
| TALL FESCUE FESTUCA L. ARUNDINACEA | 2 | 1 | 1 | 1 | 1 | 1 | LOW | 1 | 24-35 | 24-36 | 5-14 | | T |
| PERENNIAL RYEGRASS LOLLUM PERENNE | 2 | 1 | 2 | - | 1 | 2 | MED. HIGH | 2 | 15-20 | 12-18 | 5-10 | | MT |
| CROWNVELTCH CORONILLA VARLA | - | 1 | 1 | 2 | - | - | LOW | 1 | 5-10 | 24 | 14-21 | T | |
| RED CLOVER TRIFOLIUM PROTENSE | - | 1 | - | 2 | - | - | MED. | 1 | 7-10 | 18 | 5-10 | S | S |

RANKING:

- 1 GOOD
- 2 MEDIUM
- NOT TOLERANT

SALT TOLERANCE (TO BOTH SOIL SALTS & SPRAY)

- T TOLERANCE
- MT MEDIUM TOLERANCE
- S SLIGHT TOLERANCE

SEED TOLERANCE

SEEDBED PREPARATION

APPLY LIME TO RAISE THE pH TO THE LEVEL NEEDED FOR SPECIES BEING SEED. APPLY 25 POUNDS OF 12-12-12 ANALYSIS FERTILIZER (OR EQUIVALENT) PER 1000 SQ. FT. (APPROXIMATELY 1000 POUNDS PER ACRE) OR FERTILIZE ACCORDING TO TEST. APPLICATION OF 150 LBS. OF AMMONIUM NITRATE ON AREAS LOW IN ORGANIC MATTER AND FERTILITY WILL GREATLY ENHANCE VEGETATIVE GROWTH.

WORK THE FERTILIZER AND LIME INTO THE SOIL TO A DEPTH OF 2-3 INCHES WITH A HARROW, DISK OR RAKE OPERATED ACROSS THE SLOPE AS MUCH AS POSSIBLE.

SEEDING

SELECT A SEED MIXTURE BASED ON PROJECTED USE OF THE AREA (SEE PERMANENT SEED MIXTURE CHART). WHILE CONSIDERING BEST SEEDING DATES. IF PERMANENT SEEDING IS NOT PERMITTED USE TEMPORARY SEEDING UNTIL PERMANENT SEEDING CAN BE APPLIED. IF TOLERANCES ARE A PROBLEM, SUCH AS SALT TOLERANCE OF SEEDINGS ADJACENT TO STREETS AND HIGHWAYS, SEE SEED TOLERANCE CHART.

| SPECIES | SEEDING RATE | | SUITABLE pH | SITE SUITABILITY * | | |
|----------------------------------|--------------|------------------|-------------|--------------------|--------------|-----|
| | LBS/ACRE | LBS/1000 SQ. FT. | | DROUGHTY | WELL DRAINED | WET |
| LEVEL AND SLOPING, OPEN AREAS | | | | | | |
| 1. TALL FESCUE | 35 | .8 | 5.5-8.3 | 2 | 1 | 2 |
| 2. TALL FESCUE | 25 | .6 | 5.5-8.3 | | 1 | |
| RED CLOVER | 5 | .12 | | | | |
| 3. KENTUCKY BLUEGRASS | 15 | .4 | 5.8-7.5 | 2 | 1 | |
| CREeping RED FESCUE | 15 | .4 | | | | |
| STEEP BANKS AND CUTS | | | | | | |
| 4. TALL FESCUE | 15 | .4 | 5.8-7.5 | 2 | 1 | 2 |
| KENTUCKY BLUEGRASS | 25 | .6 | | | | |
| 5. TALL FESCUE | 35 | .8 | 5.5-8.3 | 2 | 1 | |
| EMERALD CROWNVELCH** | 10 | .25 | | | | |
| LAWNS AND HIGH MAINTENANCE AREAS | | | | | | |
| 6. KENTUCKY BLUEGRASS | 40 | .9 | 5.8-7.5 | 2 | 1 | |
| CREeping RED FESCUE | 40 | .9 | | | | |
| 7. PERENNIAL RYEGRASS | 170 | 4.0 | 5.0-7.5 | | 1 | |
| (TURF TYPE) | | | | | | |
| 8. TALL FESCUE | 170 | 4.0 | 5.5-8.3 | 2 | 1 | 2 |

* 1 - PREFERRED 2 - WILL TOLERATE ** INOCULATE WITH SPECIFIC INOCULANT.

SEEDING DETAIL 06 C4.1

MAIN STREET CONSULTING COMPANY
PH: 317.459.4765
Franklin, IN 46131 ot@mainstreetconsulting.com
www.mainstreetconsulting.com

BRADLEY P. O'NEILL
REGISTERED PROFESSIONAL ENGINEER
NO. PE0200097
STATE OF INDIANA

Bradley P. O'Neill

REVISIONS

SWPPP DETAILS
Hillview Veterinary Clinic, LLC
1761 THORNBURG LANE, FRANKLIN, IN
NEEDHAM TOWNSHIP, JOHNSON COUNTY, INDIANA

DRAWING: C4.1-SWPPP.DWG
DATE: 08.29.2028
PROJ. NO.: 240108
DRAWN BY: B.OTT
SURVEYED BY: B.OTT
SCALE: ~

SWPPP

SHEET NO.:
C4.1

ASSESSMENT OF CONSTRUCTION PLAN ELEMENTS (Section A)

- A1 INDEX SHOWING LOCATIONS OF REQUIRED PLAN ELEMENTS
SEE PLAN SHEET C0.0
- A2 11"x17" PLAT OF BUILDING LOT NUMBERS/BOUNDARIES AND ROADS
PROVIDED SEPARATELY
- A3 NATURE AND PURPOSE OF PROJECT
BUILDING AND SITE PARKING EXPANSION FOR VET CLINIC.
- A4 PROJECT SITE VICINITY MAP
SEE TITLE SHEET C0.0
- A5 LEGAL DESCRIPTION OF PROJECT SITE
LATITUDE/LONGITUDE: 39°28'52.25"N / 86° 01'34.69"W
FOR LEGAL DESCRIPTION, SEE SHEETS C1.0 AND C2.0
- A6 LOTS AND PROPOSED SITE IMPROVEMENTS
SEE SITE PLAN SHEET C2.0
- A7 HYDROLOGIC UNIT CODE (14 DIGIT)
HYDROLOGIC UNIT CODE: 05120204090060
- A8 STATE OR FEDERAL WATER QUALITY PERMITS
CONSTRUCTION IN A FLOODWAY (IDNR): N/A
401 WATER QUALITY CERTIFICATION (IDEM): N/A
SECTION 404 PERMIT (USACE): N/A
- A9 POINTS OF STORMWATER DISCHARGE FROM SITE
STORMWATER IS COLLECTED BY AN EXISTING STORMWATER SYSTEM
WHICH DRAINS INTO THE EXISTING DETENTION OFF SITE TO THE SOUTH.
- A10 ADJACENT WETLANDS, LAKES AND WATER COURSES
N/A
- A11 RECEIVING WATERS
YOUNGS CREEK
- A12 POTENTIAL DISCHARGES TO GROUND WATER
NONE KNOWN
- A13 FLOODPLAINS, FLOODWAYS AND FLOODWAY FRINGES
NONE KNOWN
- A14 PRE-CONSTRUCTION/POST-CONSTRUCTION PEAK DISCHARGE
PEAK DISCHARGE (ALLOWABLE) 100-YEAR: 0.69 CFS
PEAK DISCHARGE (POST-CONSTRUCTION) 100-YEAR: 0.32 CFS
- A15 ADJACENT LAND USE
NORTH - VACANT
SOUTH - SF RESIDENTIAL
EAST - OFFICE
WEST - MEDICAL
- A16 CONSTRUCTION LIMITS
SEE EROSION CONTROL PLAN SHEET C4.0
- A17 EXISTING VEGETATIVE COVER
THE SITE IS CURRENTLY AN EXISTING ANIMAL VET CLINIC.
WITH ROOFTOPS, PAVEMENT, GRASS, AND LANDSCAPING.
- A18 SOILS MAP AND SOIL DESCRIPTIONS
EXISTING SOIL TYPES & DESCRIPTION

| Johnson County, Indiana (IN081) | | | |
|---------------------------------|--|--------------|----------------|
| Johnson County, Indiana (IN081) | | | |
| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
| YbvA | Brookston silty clay loam-Urban land complex, 0 to 2 percent slopes | 0.3 | 18.0% |
| YclA | Crosby silt loam, fine-loamy subsoil-Urban land complex, 0 to 2 percent slopes | 1.5 | 81.0% |
| YcmB2 | Crosby-Urban land-Miami silt loams complex, 2 to 4 percent slopes, eroded | 0.0 | 1.0% |
| Totals for Area of Interest | | 1.9 | 100.0% |



- A19 PROPOSED STORMWATER SYSTEMS
NA
- A20 OFF-SITE CONSTRUCTION ACTIVITIES
NA
- A21 PROPOSED SOIL STOCKPILES
SEE EROSION CONTROL PLAN SHEET C4.0 FOR LOCATION(S)
- A22 SITE TOPOGRAPHY
SEE GRADING PLAN SHEET C3.0
- A23 FINAL SITE TOPOGRAPHY
SEE GRADING PLAN SHEET C3.0

EROSION CONTROL PLAN - CONSTRUCTION COMPONENT (Section B)

- B1 POTENTIAL POLLUTANT SOURCES ASSOCIATED WITH CONSTRUCTION ACTIVITIES
THE MATERIALS AND SUBSTANCES LISTED BELOW ARE EXPECTED ON-SITE
- PAINTS, THINNERS AND SOLVENTS
ENSURE THAT CONTAINERS HAVE LIDS SO THAT THEY CAN BE COVERED BEFORE PERIODS OF RAIN, AND KEEP CONTAINERS IN DRY, COVERED AREA WHENEVER POSSIBLE.
 - BATTERIES
STORE ONSITE IN DRY COVERED AREA AND DISPOSE OF PER MANUFACTURER'S RECOMMENDATIONS IN CONJUNCTION WITH STATE, LOCAL AND FEDERAL REGULATIONS
 - AEROSOL SPRAY PRODUCTS
STORE IN APPROVED CONTAINERS, AND DISPOSE OF ACCORDING TO LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS OR OTHER PUBLIC AGENCY.
 - ADHESIVES
STORE IN APPROVED CONTAINERS, AND DISPOSE OF ACCORDING TO LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS OR OTHER PUBLIC AGENCY.
 - BIOLOGICAL SOLID WASTE
TRAP IN CONTAINERS, CLEANED REGULARLY, AND DISPOSED OF ACCORDING TO LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS OR OTHER PUBLIC AGENCY. SCHEDULE WASTE COLLECTION MORE FREQUENTLY TO PREVENT CONTAINERS FROM OVERFILLING. UNTREATED, RAW SEWAGE OR SEPTAGE SHOULD NEVER BE DISCHARGED OR BURIED ONSITE.

- B2 SEQUENCE OF EROSION CONTROL MEASURES IMPLEMENTATION INITIAL SETUP
- NOTIFY LOCAL GOVERNMENT DEPARTMENT OF P&Z FOR A PRECONSTRUCTION MEETING 48 HOURS IN ADVANCE OF START OF CONSTRUCTION
 - NOTIFY IDEM PER RULE 5 NOI 48 HOURS PRIOR TO START OF CONSTRUCTION
 - CALL FOR AN UNDERGROUND LOCATE TO VERIFY LOCATION OF EXISTING UTILITIES.
 - FLAG OR DENOTE ALL CONSTRUCTION LIMITS.
 - POST A NOTICE OF PROJECT IN PUBLICLY ACCESSIBLE LOCATION NEAR PROJECT FIELD OFFICE TO INCLUDE NOTICE OF COMPLETED NOI NUMBER (IF AVAILABLE), AND NAME, COMPANY NAME, AND CONTACT PERSON TELEPHONE NUMBER.
 - INFORM ALL GENERAL CONTRACTORS, CONSTRUCTION MANAGEMENT FIRMS, GRADING OR EXCAVATING CONTRACTORS, AND ALL OTHER CONTRACTORS WITH PRIMARY OVERSIGHT ON INDIVIDUAL BUILDING LOTS OF THE TERMS AND CONDITIONS OF STORM WATER RULE 5, AND THE CONDITIONS AND STANDARDS OF THIS EROSION CONTROL PLAN, SCHEDULE FOR IMPLEMENTATION, AND THE CONSTRUCTION SITE EROSION CONTROL PLAN REPORT.
 - INSTALL PERIMETER SILT FENCE.
 - AFTER THE PERIMETER PRACTICES ARE INSTALLED, A MEETING WITH LOCAL GOVERNMENT DEPT. OF P&Z IS REQUIRED BEFORE ADDITIONAL CONSTRUCTION PROCEEDS
 - BEGIN TOPSOIL REMOVAL TO STOCKPILE AREA AND ROUGH GRADE.
 - BEGIN SEEDING AND MULCHING PROGRAM (TEMPORARY SEED ALL DISTURBED AREAS).
 - IMPLEMENT SELF-MONITORING PROGRAM.
 - INSTALL ADDITIONAL SILT FENCES OR OTHER SUCH MECHANISM AS REQUIRED.
- CONSTRUCTION SEQUENCE
1. TEMPORARY OR PERMANENT SEED SITE PERIMETER.
 2. BEGIN CONSTRUCTION OF STORMWATER SYSTEM AND DETENTION FACILITY THEN PROCEED WITH THE INSTALLATION OF EROSION CONTROL BLANKET AS INDICATED ON SHEET C4.0.
 3. INSTALL PROPOSED STORMWATER QUALITY TREATMENT UNITS.
 4. INSTALL RIPRAP PROTECTION FOR END SECTIONS AT PROPOSED DETENTION FACILITY.
 5. INSTALL STORM AND OTHER UTILITIES, BEGIN ON OUTLET AND DOWNSTREAM STORM SEWERS ON THE EAST SIDE OF THE SITE, THEN PROCEED ONTO WEST THROUGH THE SITE.
 6. INSTALL DANDY BAG INLET PROTECTION AS STORM INLETS ARE COMPLETED.
 7. START BUILDING CONSTRUCTION.
 8. ROUGH GRADE PARKING LOT AND ISLAND AREAS.
 9. COMPLETE BUILDING.
 10. FINAL GRADE, PERMANENT SEED, AND LANDSCAPE.
 11. ONCE CONSTRUCTION IS COMPLETED AND THE SITE IS STABILIZED, THE CONTRACTOR WILL REMOVE ANY SEDIMENT FROM THE POND AND STABILIZE ANY DISTURBED AREAS OF THE POND.
- EROSION CONTROL IMPLEMENTATION NOTES
- UPON COMPLETION OF THE INITIAL SITE INSPECTION AND BEFORE ANY VEGETATION IS REMOVED FROM THE SITE, THE EROSION CONTROL PLAN SHALL BE IMPLEMENTED. THE PLAN SHALL BE CONTINUALLY MAINTAINED AND UPDATED AS NEEDED.
- ALL EROSION CONTROL PRACTICES WILL BE INSTALLED UNDER THE GUIDANCE OF A PROFESSIONAL EXPERIENCED IN EROSION CONTROL. ALL OTHER NON-ENGINEERED EROSION CONTROL MEASURES INVOLVING VEGETATION WILL BE INSTALLED ACCORDING TO THE SPECIFICATIONS AND CRITERIA AS SET FORTH IN THE EROSION CONTROL PLAN.
- IDENTIFY AND PROTECT ALL EXISTING VEGETATION DESIGNATED TO REMAIN.
- RETAIN EXISTING VEGETATION WHEREVER POSSIBLE
- ALL STOCKPILED TOPSOIL TO BE SALVAGED SHALL BE PERIMETER PROTECTED. RUNOFF FROM STOCKPILES WILL BE FILTERED THROUGH SILT FENCES AND THE SEDIMENT BASIN. STOCKPILES SHALL NOT INTERFERE WITH NATURAL DRAINAGE. THE STOCKPILES SHALL BE REDISTRIBUTED OVER THE SITE AND FINAL GRADED IMMEDIATELY PRIOR TO SEEDING.
- LAND ALTERATION WHICH STRIPS THE LAND OF VEGETATION, INCLUDING REGRADING, SHALL BE DONE IN A WAY THAT WILL MINIMIZE EROSION.
- THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
- SEDIMENT LADEN WATER SHALL BE DETAINED BY EROSION CONTROL PRACTICES AS NEEDED TO MINIMIZE SEDIMENTATION IN THE RECEIVING STREAM. NO STORM WATER SHALL BE DISCHARGED FROM THE SITE IN A MANNER THAT CAUSES EROSION AT THE POINT OF DISCHARGE.
- WASTES AND UNUSED BUILDING MATERIALS SHALL NOT BE ALLOWED TO BE CARRIED FROM THE SITE BY STORMWATER RUNOFF. PROPER DISPOSAL OF ALL WASTES AND UNUSED BUILDING MATERIALS IS REQUIRED.
- SEDIMENT BEING TRACED ONTO PUBLIC OR PRIVATE ROADWAYS SHALL BE MINIMIZED. CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE SITE FOR DISPOSAL.
- SOIL WHICH HAS ACCUMULATED NEXT TO EROSION CONTROL DEVICES SHALL BE COLLECTED AND REDISTRIBUTED ON SITE AFTER EACH RAINFALL EVENT, AND AT LEAST ONCE A WEEK.
- IF INSTALLATION OF STORM DRAINAGE SYSTEM SHOULD BE INTERRUPTED BY WEATHER OR NIGHTFALL, THE PIPE ENDS SHALL BE COVERED WITH FILTER FABRIC.
- ALL EXISTING STRUCTURES, FENCING, TREES AND ETC., WITHIN CONSTRUCTION AREA SHALL BE REMOVED AND DISPOSED OF OFF SITE. BURNING IS NOT ALLOWED ON-SITE.
- ALL AREAS WHICH CAN BE REGRADO TO A FINAL STATE SHALL BE REVEGETATED WITH AN APPROVED SEED MIXTURE AND FERTILIZED AT THE RATES INDICATED AS PER THE SEED CHART (SHEET C4.1).

- B3 CONSTRUCTION ENTRANCE LOCATION
SEE SHEET C4.0 FOR LOCATIONS; SEE SHEET C4.1 FOR DETAILS.
- B4 SEDIMENT CONTROL MEASURES FOR SHEET FLOW AREAS
SILT FENCE, TEMPORARY AND PERMANENT SEEDING; SEE EROSION CONTROL PLAN SHEET C4.0 FOR LOCATIONS; SEE SHEET C4.1 FOR DETAILS.
- B5 CONTROL MEASURES FOR CONCENTRATED FLOW AREAS
RIP RAP; SEE SHEET C4.0 FOR LOCATIONS; SEE C4.1 & C4.4 FOR DETAILS.
- B6 INLET PROTECTION MEASURE LOCATIONS AND SPECIFICATIONS
DANDYBAG INLET PROTECTION SEE SHEET C4.0 FOR LOCATIONS; DETAILS ON SHEET C4.1
- B7 RUNOFF CONTROL MEASURES
SILT FENCE: SEE PLAN SHEET C4.0; DETAILS SHEET C4.1 & C4.4
- B8 STORM WATER OUTLET PROTECTION SPECIFICATIONS
RIP RAP AND EROSION CONTROL MAT; SEE SHEET C4.0 FOR LOCATIONS AND SHEET C4.1 FOR DETAILS.
- B9 GRADE STABILIZATION STRUCTURES
SEEDING AND EROSION CONTROL MAT; SEE SHEET C4.0 FOR LOCATIONS AND SHEET C4.1 FOR DETAILS.
- B10 CONSTRUCTION DETAILS FOR STORMWATER MEASURES
SEE EROSION CONTROL PLAN SHEET C4.0 FOR LOCATIONS AND SHEET C4.1 FOR DETAILS. (SILT FENCE TO BE NWSF-6 NON-WOVEN FABRIC OR AN APPROVED EQUAL.)
- B11 TEMPORARY SURFACE STABILIZATION METHODS
1. ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF THE FEDERAL, STATE, COUNTY, CITY OR LOCAL REQUIREMENTS, WHICHEVER HAS JURISDICTION.
 2. LAND ALTERATION WHICH STRIPS THE LAND OF VEGETATION, INCLUDING REGRADING, SHALL BE DONE IN A WAY THAT WILL MINIMIZE EROSION.
 3. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
 4. SEDIMENT LADEN WATER SHALL BE DETAINED BY EROSION CONTROL PRACTICES AS NEEDED TO MINIMIZE SEDIMENTATION IN THE RECEIVING STREAM. NO STORM WATER SHALL BE DISCHARGED FROM THE SITE IN A MANNER THAT CAUSES EROSION AT THE POINT OF DISCHARGE.
 5. WASTES AND UNUSED BUILDING MATERIALS SHALL NOT BE ALLOWED TO BE CARRIED FROM THE SITE BY STORMWATER RUNOFF. PROPER DISPOSAL OF ALL WASTES AND UNUSED BUILDING MATERIALS IS REQUIRED.
 6. SEDIMENT BEING TRACED ONTO PUBLIC OR PRIVATE ROADWAYS SHALL BE MINIMIZED. CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE SITE FOR DISPOSAL.
 7. SOIL WHICH HAS ACCUMULATED NEXT TO EROSION CONTROL DEVICES SHALL BE COLLECTED AND REDISTRIBUTED ON SITE AFTER EACH RAINFALL EVENT, AND AT LEAST ONCE A WEEK.
 8. ALL EXISTING STRUCTURES, FENCING, TREES AND ETC., WITHIN CONSTRUCTION AREA SHALL BE REMOVED AND DISPOSED OF OFF SITE. BURNING IS NOT ALLOWED ON-SITE.
 9. SCHEDULE OF EARTHWORK ACTIVITIES:
 - a) THE DURATION OF TIME WHICH AN AREA REMAINS EXPOSED SHALL BE KEPT TO A PRACTICAL MINIMUM. THE AREA SHALL BE STABILIZED SOON AS POSSIBLE. TEMPORARY VEGETATION OR MULCHING SHALL BE USED TO PROTECT EXPOSED AREAS IF PERMANENT VEGETATION CANNOT BE SEEDD WITHIN 14 DAYS OR ACTIVITY CEASES FOR MORE THAN 21 DAYS OR AS DIRECTED BY THE ENGINEER.
 - b) PERMANENT AND FINAL VEGETATION AND STRUCTURAL EROSION CONTROL DEVICES SHALL BE INSTALLED WITHIN SEVEN (7) DAYS AFTER FINAL GRADING OR AS SOON AS POSSIBLE.
 - c) TEMPORARY SEEDING SHALL UTILIZE SEED SPECIES, APPLICATION RATES, AND DATES SET FORTH IN THE CHARTS ON SHEET C4.1.

- B12 PERMANENT SURFACE STABILIZATION METHODS
1. AT THE PROPER TIME, WITH APPROVAL FROM THE OWNER, AND ONLY AFTER NOTIFYING LOCAL GOVERNMENT SEPT. OF P&Z, THE CONTRACTOR SHALL DISMANTLE THE REMAINING EROSION CONTROL ELEMENTS ONLY AS NECESSARY TO COMPLETE THE GRADING. THE CONTRACTOR SHALL NOTIFY THE CITY OF GREENWOOD IN ADVANCE AND ARRANGE FOR THE LANDSCAPING CONTRACTOR TO FOLLOW UP IMMEDIATELY WITH REVEGETATION OF THE REMAINING AREAS.
 2. CONTRACTOR SHALL REMOVE ANY UNSUITABLE MATERIAL FROM THE SITE LEFT FROM THE EROSION CONTROL MEASURES.
 3. ANY BARE DISTURBED AREAS WILL BE GRADED, SEEDD AND MULCHED OR OTHERWISE REVEGETATED OR STABILIZED, AS PER THE EROSION CONTROL PLAN. PERMANENT SEEDING WILL BE ACCORDING TO THE SEED SPECIES, RATES AND DATES SHOWN IN THE CHARTS ON SHEET C4.1.
 4. FINAL STABILIZATION WILL BE CONSIDERED ACHIEVED WHEN PERENNIAL VEGETATIVE COVER HAS A DENSITY OF SEVENTY PERCENT (70%) ON ALL UNPAVED AREAS OR AN EQUIVALENT PERMANENT STABILIZATION MEASURE HAS BEEN UTILIZED. IMPLEMENTATION AND MAINTENANCE WILL BE ACCORDING TO SECTIONS C2 AND C5 BELOW.

- B13 MATERIAL HANDLING AND SPILL PREVENTION PLAN
1. THE PROPER MANAGEMENT AND DISPOSAL OF WASTES SHOULD BE PRACTICED ON SITE AT ALL TIMES TO REDUCE POLLUTION STORM WATER RUNOFF. HAZARDOUS WASTE SHOULD ALWAYS BE DISPOSED OF THROUGH A DESIGNATED HAZARDOUS WASTE MANAGEMENT OR RECYCLING FACILITY. HAZARDOUS WASTE SHOULD NOT BE DISPOSED OF WITH ORDINARY GARBAGE, OR POURED INTO THE SANITARY SEWER SYSTEM OR ONTO THE GROUND.
 2. DESIGNATE A WASTE COLLECTION AREA ON-SITE THAT DOES NOT RECEIVE A SUBSTANTIAL AMOUNT OF RUNOFF FROM UPLAND AREAS AND DOES NOT DRAIN DIRECTLY INTO A WATER BODY.
 3. KEEP PRODUCTS IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RE-SEALABLE, THEN ORIGINAL LABEL AND MATERIAL SAFETY DATA WILL BE RETAINED. IF A PRODUCT DOES NOT HAVE ITS ORIGINAL LABEL, LABEL IT YOURSELF IF YOU ARE SURE OF CONTENTS. MAKE SURE PRODUCTS ARE PROPERLY SEALED TO PREVENT LEAKS AND SPILLS AND STORED IN A WEATHER PROOF SELF CONTAINED AREA AWAY FROM HEAT, SPARKS AND FLAMES.
 4. A PROGRAM FOR RECYCLING OR DISPOSAL OF MATERIALS ASSOCIATED WITH OR FROM THE PROJECT SITE SHALL BE ESTABLISHED. ALL RECYCLING CONTAINERS WILL BE CLEARLY LABELED.
 5. ALL CONSTRUCTION ACTIVITIES TO BE MONITORED AND MAINTAINED BY THE CONTRACTOR. AS EACH NEW SUB-CONTRACTOR COMES ON-SITE, THE CONTRACTOR WILL CONDUCT AND DOCUMENT A MEETING TO ENSURE AWARENESS OF THE POLLUTANT PREVENTION PROGRAM. GUIDELINES FOR PROPER HANDLING, STORAGE AND DISPOSAL OF CONSTRUCTION SITE WASTES SHOULD BE POSTED IN STORAGE AND USE AREAS AND WORKERS SHOULD BE TRAINED IN THESE PRACTICES TO ENSURE EVERYONE IS KNOWLEDGEABLE ENOUGH TO PARTICIPATE.
 6. IN AN EMERGENCY, THE CONTRACTOR WILL CALL 911. IN THE EVENT OF A SPILL THAT POSES NO IMMEDIATE THREAT, THE CONTRACTOR WILL CONTACT THE LOCAL FIRE DEPARTMENT AT (317)776-6336 AND IDEM EMERGENCY RESPONSE AT (888) 233-7745 WITHIN 24 HOURS OF THE SPILL. EMERGENCY PHONE NUMBERS AND PROCEDURES SHALL BE PROMINATELY DISPLAYED AT THE WORK SITE WHERE SPILLS MAY OCCUR, SUCH AS STAGING/REFUELING AREAS.
 7. CLEAN UP SPILLS IMMEDIATELY. FOR HAZARDOUS MATERIALS FOLLOW CLEANUP INSTRUCTIONS ON THE PACKAGE. USE ABSORBENT MATERIAL SUCH AS SAWDUST OR KITTY LITTER TO CONTAIN THE SPILL. PROPER SAFETY MATERIALS SHOULD BE STORED ON SITE IN CASE OF ACCIDENT OR SPILL WHICH SHOULD INCLUDE BUT NOT LIMITED TO BROMOS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THAT PURPOSE. SPILL AREAS SHOULD BE WELL VENTILATED.
 8. DURING THE DEMOLITION PHASE OF CONSTRUCTION, PROVIDE EXTRA CONTAINERS AND SCHEDULE MORE FREQUENT PICKUPS FOR RECYCLABLES AND GARBAGE. COLLECT, REMOVE, AND DISPOSE OR ALL CONSTRUCTION SITE WASTES AT AUTHORIZED DISPOSAL AREAS. CONTACT LOCAL ENVIRONMENTAL AGENCY TO IDENTIFY DISPOSAL SITES OR AUTHORIZED CONTRACTORS.
 9. CONSTRUCTION VEHICLES SHOULD BE INSPECTED FOR LEAKS DAILY AND REPAIRED IMMEDIATELY IN A SELF INSPECTED AREA DESIGNATED FOR VEHICLE MAINTENANCE AND REPAIR. THE VEHICLE MAINTENANCE AREA SHOULD BE CONDUCTED ON AN AREA THAT IS TO BECOME FUTURE PAVEMENT. THIS AREA WILL BE DESIGNED TO MINIMIZE CONTACT BETWEEN EQUIPMENT ACTIVITIES AND RAINFALL OR RUNOFF. SPILLS MUST BE CLEANED UP AND MATERIALS DISPOSED OF IMMEDIATELY.
 10. CONTAINERS OR EQUIPMENT THAT MAY MALFUNCTION AND CAUSE LEAKS OR SPILLS SHOULD BE IDENTIFIED THROUGH REGULAR INSPECTION AND STORAGE OF USE AREAS. EQUIPMENT AND CONTAINERS SHOULD BE INSPECTED REGULARLY FOR LEAKS, CORROSION, SUPPORT OR FOUNDATION FAILURE, OR ANY OTHER SIGNS OF DETERIORATION AND SHOULD BE TESTED FOR SOUNDNESS. ANY FOUND TO BE DEFECTIVE SHOULD BE REPAIRED OR REPLACED IMMEDIATELY.

- B14 MONITORING AND MAINTENANCE GUIDELINES
- A TRAINED INDIVIDUAL SHALL PERFORM A WRITTEN EVALUATION OF THE PROJECT SITE:
- BY THE END OF THE NEXT BUSINESS DAY FOLLOWING EACH 1/2 STORM EVENT; AND
 - A MINIMUM OF ONE (1) TIME PER WEEK.
- THE EVALUATION WILL:
- ADDRESS THE MAINTENANCE OF EXISTING EROSION CONTROL MEASURES TO ENSURE PROPER FUNCTIONING; AND
 - IDENTIFY ANY ADDITIONAL MEASURES NECESSARY TO MEET THE REQUIREMENTS OF THE EROSION CONTROL PLAN.
- WRITTEN EVALUATION REPORTS INCLUDE:
- THE NAME OF THE INDIVIDUAL PERFORMING THE EVALUATION;
 - THE DATE OF THE EVALUATION;
 - PROBLEMS IDENTIFIED AT THE PROJECT SITE; AND
 - DETAILS OR CORRECTIVE ACTIONS RECOMMENDED AND COMPLETED.
- ALL WRITTEN EVALUATION REPORTS FOR THE PROJECT SITE WILL BE MAINTAINED BY THE CONSTRUCTION SUPERINTENDENT THROUGHOUT THE TERM OF THE PROJECT CONSTRUCTION AND MADE AVAILABLE TO THE TOWN OF FISHERS OR OTHER INSPECTING AUTHORITY WITHIN 48 HOURS OF A REQUEST.
- MAINTENANCE OF SPECIFIC EROSION CONTROL MEASURES SHALL BE ACCORDING TO THE FOLLOWING:
- SEEDING OF DISTURBED AREAS
1. DISTURBED AREAS WILL BE SEEDD AND MULCHED FOR TEMPORARY OR PERMANENT STABILIZATION AS PHASES OF THE PROJECT CONSTRUCTION ARE COMPLETED.
 2. UN-VEGETATED AREAS SCHEDULED OR LIKELY TO BE LEFT INACTIVE FOR FIFTEEN (15) DAYS OR MORE WILL BE TEMPORARILY OR PERMANENTLY STABILIZED WITH MEASURES APPROPRIATE FOR THE SEASON TO MINIMIZE EROSION POTENTIAL.
 3. SEEDD AREAS WILL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RESEDED AS NEEDED.
- SILT FENCE MAINTENANCE REQUIREMENTS:
1. INSPECT THE SILT FENCE PERIODICALLY AND AFTER EACH STORM EVENT.
 2. IF FENCE FABRIC TEARS, STARTS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED PORTION IMMEDIATELY.
 3. REMOVE DEPOSITED SEDIMENT WHEN IT REACHES HALF THE HEIGHT OF THE FENCE AT ITS LOWEST POINT OR IS CAUSING THE FABRIC TO BUILD UP.
 4. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEAN OUT.
 5. AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE THE FENCE AND SEDIMENT DEPOSITS, BRING THE DISTURBED AREA TO GRADE, AND STABILIZE.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE MAINTENANCE REQUIREMENTS:

1. INSPECT ENTRANCE PAD AND SEDIMENT DISPOSAL AREA WEEKLY AND AFTER STORM EVENTS OR HEAVY USE.
2. RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
3. TOP DRESS WITH CLEAN STONE AS NEEDED.
4. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING OR SCREWING. FLUSHING SHOULD ONLY BE USED IF THE WATER IS CONVEYED INTO A SEDIMENT TRAP OR BASIN.
5. REPAIR ANY BROKEN ROAD PAVEMENT IMMEDIATELY.

STORM WATER BASIN MAINTENANCE REQUIREMENTS

1. INSPECT THE STORM WATER BASIN AFTER EACH STORM EVENT. IMMEDIATELY REPAIR ANY EROSION AND PIPING HOLES.
2. THE NECESSITY FOR SEDIMENT REMOVAL WILL BE DETERMINED AFTER EACH EVENT.
3. REPLACE/REPAIR OUTLET RIPRAP AS REQUIRED AFTER EACH EVENT.
4. INSPECT VEGETATION, AND RE-SEED IF NECESSARY.

EROSION CONTROL BLANKET (SURFACE APPLIED) MAINTENANCE REQUIREMENTS

1. DURING VEGETATIVE ESTABLISHMENT, INSPECT AFTER STORM EVENTS FOR ANY EROSION BELOW THE BLANKET.
2. IF ANY AREA SHOWS EROSION, PULL BACK THAT PORTION OF THE BLANKET COVERING IT, ADD SOIL, RE-SEED THE AREA, AND RE-LAY AND STAPLE THE BLANKET.
3. AFTER VEGETATIVE ESTABLISHMENT, CHECK THE TREATED AREA PERIODICALLY AND MAINTAIN AS PER CHART UNDER SECTION C2 SHEET 4.1 FOR DRY SWALE.

- B15 EROSION AND SEDIMENT CONTROL SPECIFICATIONS FOR INDIVIDUAL BUILDING LOTS
SEE DETAIL SHEET C4.1

EROSION CONTROL PLAN
POST-CONSTRUCTION COMPONENT (Section C)

- C1 POTENTIAL POLLUTANT SOURCES FROM PROPOSED LAND USE

- THE GREATEST AMOUNT OF POST CONSTRUCTION POLLUTANTS EXPECTED FROM THIS PROJECT WILL COME FROM THE VEHICLES THAT UTILIZE THE SITE. POTENTIAL POLLUTANTS FROM VEHICLES INCLUDE: GREASE, OIL, GASOLINE, DIESEL, ANTIFREEZE, BRAKE FLUID, METALS, RUBBER FRAGMENTS AND OTHER HYDROCARBONS. ALSO SAND AND GRAVEL FROM ROADWAY SURFACES AND ROAD WEATHER TREATMENTS ARE ASSUMED. BACTERIA AND OTHER BIOLOGICAL AGENTS FROM DUMPSTER AREAS AND LITTERING ARE ALSO CONSIDERED POTENTIAL POLLUTANTS.
- FINAL LANDSCAPING AND SEEDING WILL BE DONE AFTER FINAL GRADING.
- WEEKLY PARKING LOT CLEANING AND DAILY LITTER CLEAN UP WILL BE PERFORMED.
- FERTILIZING WILL BE MINIMAL SINCE THERE IS VERY LITTLE TURF ON THE SITE. THE EXTENSIVE LANDSCAPE PLANTINGS WERE CHOSEN FOR THE LOW DEPENDENCY UPON FERTILIZERS AND PESTICIDES. THEY ALSO REQUIRE VERY LITTLE IRRIGATION SO TO MINIMIZE THE FERTILIZER AND PESTICIDE RUNOFF FROM THE SITE.

C2 SEQUENCE OF EROSION CONTROL MEASURES IMPLEMENTATION

- AFTER CONSTRUCTION AND FINAL GRADING, LANDSCAPE AND PERMANENTLY STABILIZE ALL DISTURBED SITES, INCLUDING BORROW AND DISPOSAL AREAS. TEMPORARY FACILITIES SHALL BE REMOVED ONLY AFTER ALL DISTURBED AREAS ARE STABILIZED.
- AQUA-SWIRL UNITS SHALL BE INSTALLED WITH STORM FACILITIES. SEE O&M MANUAL SEPERATE FROM THESE PLANS FOR MAINTENANCE

C3 PROPOSED STORMWATER QUALITY MEASURES

- AQUA-SWIRL UNITS (NOT REQUIRED FOR THIS PROJECT) SHALL BE INSTALLED WITH STORM FACILITIES.
- SEE O&M MANUAL SEPARATE FROM THESE PLANS FOR MAINTENANCE

C4 CONSTRUCTION DETAILS AND SPECIFICATIONS

- SEE DETAILS SHEET C4.1

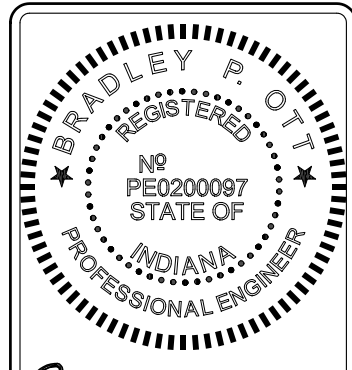
C5 MAINTENANCE GUIDELINES FOR STORMWATER MEASURES

- SEE CHART DETAIL SEE SHEET C4.1
- ESTIMATED START: SEPTEMBER 2, 2021
- ESTIMATED COMPLETION OF SITE DEVELOPMENT: SEPTEMBER 2, 2022

CONTACT PERSON:

- Mike DuKate
DuKate Fine Remodeling, Inc.
2111 Hoberg Lane
Franklin, IN 46131
317-736-9961 ph
mike@dukate.net

MAIN STREET
CONSULTING COMPANY



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SWPPP NOTES

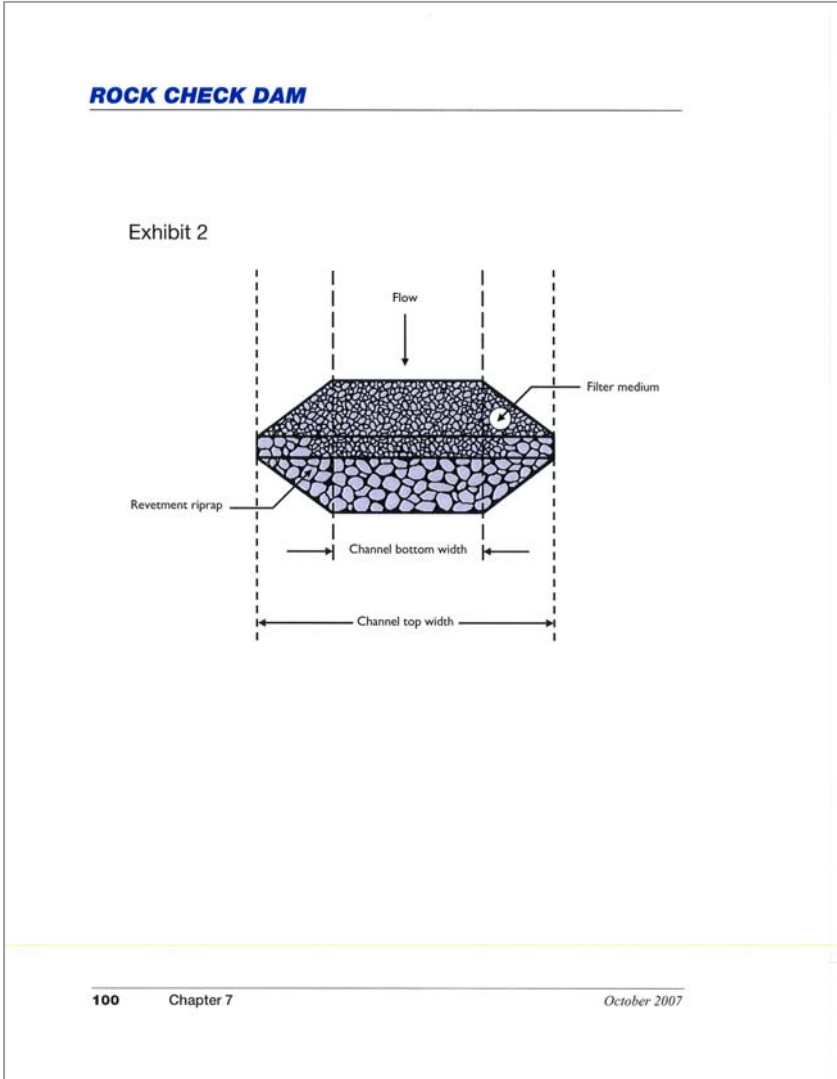
Hillview Veterinary Clinic, LLC
1761 THORNBURG LANE, FRANKLIN, IN
NEEDHAM TOWNSHIP, JOHNSON COUNTY, INDIANA

DRAWING: C4.2-SWPPP.DWG
DATE: 08.29.2022
PROJ. NO.: 24019
DRAWN BY: B.OTT
SURVEYED BY:
SCALE: ~

SWPPP

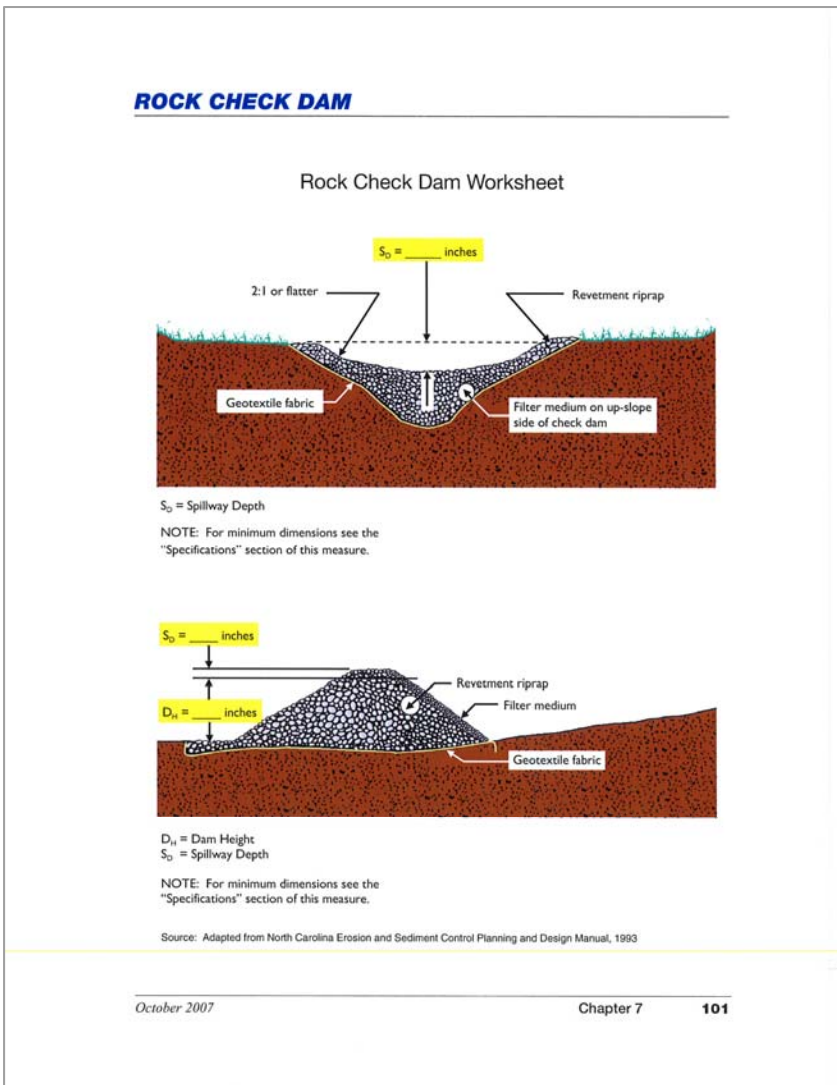
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C4.2



B5 CONTROL MEASURES FOR CONCENTRATED FLOW AREAS

B7 RUNOFF CONTROL MEASURES



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BRADLEY R. OTT

REGISTERED PROFESSIONAL ENGINEER

NO. PE0200097

STATE OF INDIANA

Bradley R. Ott

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| REVISIONS |
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SWPPP NOTES

Hillview Veterinary Clinic, LLC

1761 THORNBURG LANE, FRANKLIN, IN

NEEDHAM TOWNSHIP, JOHNSON COUNTY, INDIANA

DRAWING: C4.4 - SWPPP.DWG

DATE: 08.29.2028

PROJ. NO.: 240118

DRAWN BY: B.OIT

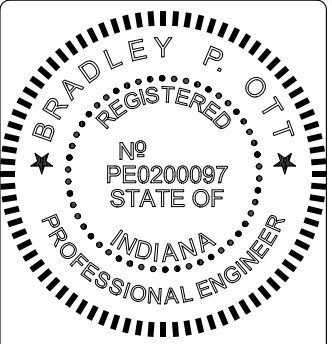
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SCALE: ~

SWPPP

SHEET NO.:

C4.4



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Hillview Veterinary Clinic, LLC
1761 THORNBURG LANE, FRANKLIN, IN
NEEDHAM TOWNSHIP, JOHNSON COUNTY, INDIANA

DRAWING: C7,0-DELDWG
DATE: 08.30.2021
PROJ. NO.: 21.018
DRAWN BY: B.OTT
SURVEYED BY: B.OTT
SCALE: ~

DETAILS

SHEET NO.:
C7.0

BENCHMARKS:

FRANKLIN 1920 NO 1 1974 = 730.55 (NAVD 1988)
REFERENCE MARK 1 IS A STANDARD DISK STAMPED FRANKLIN 1920 NO 1 1974 SET IN A DRILL HOLE IN THE TOP AND SOUTHWEST CORNER OF THE CONCRETE BASE OF RAILROAD CROSSING LIGHT . 24 FEET NORTH OF THE CENTERLINE OF MADISON STREET AND 16 FEET EAST OF THE EAST RAIL OF THE RAILROAD BETWEEN CROWELL AND DEPOT STREETS.

TBM#1 = 735.24
REBAR WITH YELLOW PLASTIC CAP MARKED FECO FOUND 4 INCHES DOWN AT THE NORTHWEST CORNER OF LOT 5.

TBM#2 = 734.64
MAG NAIL FOUND AT THE NORTH EDGE OF THE SIDEWALK AT THE SOUTHWEST CORNER OF LOT 5.

UTILITY STATEMENT:

The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees that the underground utilities comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

STREET TREES: (1 tree per 35 ft of frontage required)

Total street frontage = 500.63 (249.13+128.29+75.62+47.59)

±35 = 14.3 15 trees required
9 existing trees provided

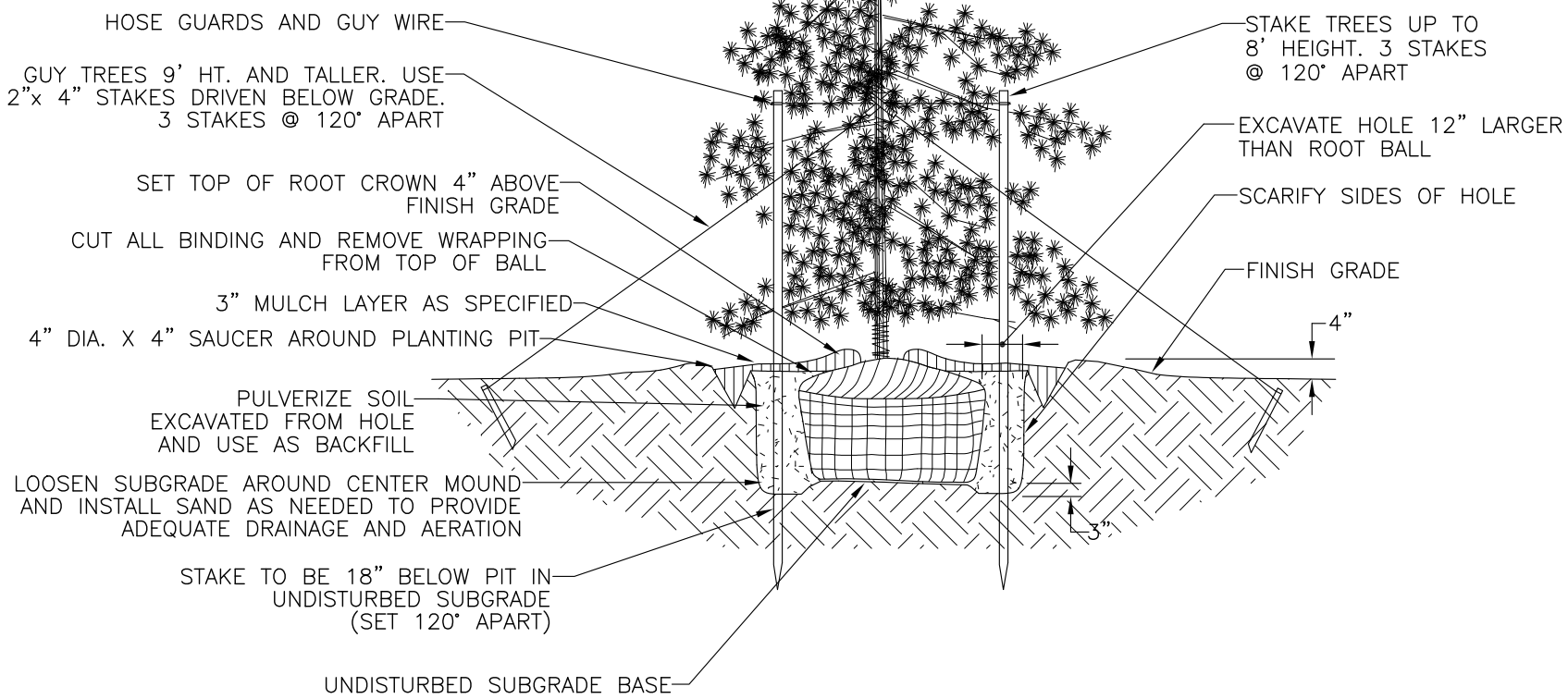
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SITE INTERIOR (MXC):

1.838 acres (80,063 SF)
25% (MXC) open space required (20,016 SF)
52,507 SF (1.2 acres) provided

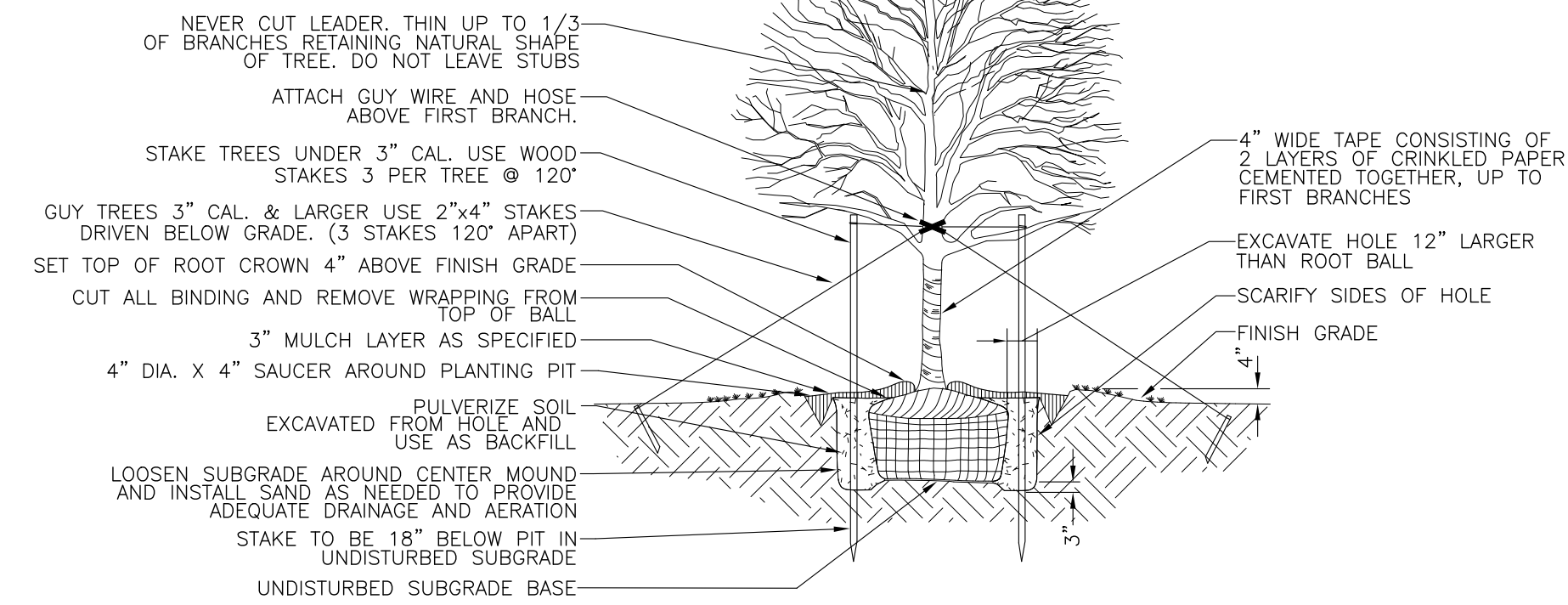
1 tree per (1,500 SF commercial) required = 14
1 tree per (2,500 SF institutional) required = 8

14 existing trees provided



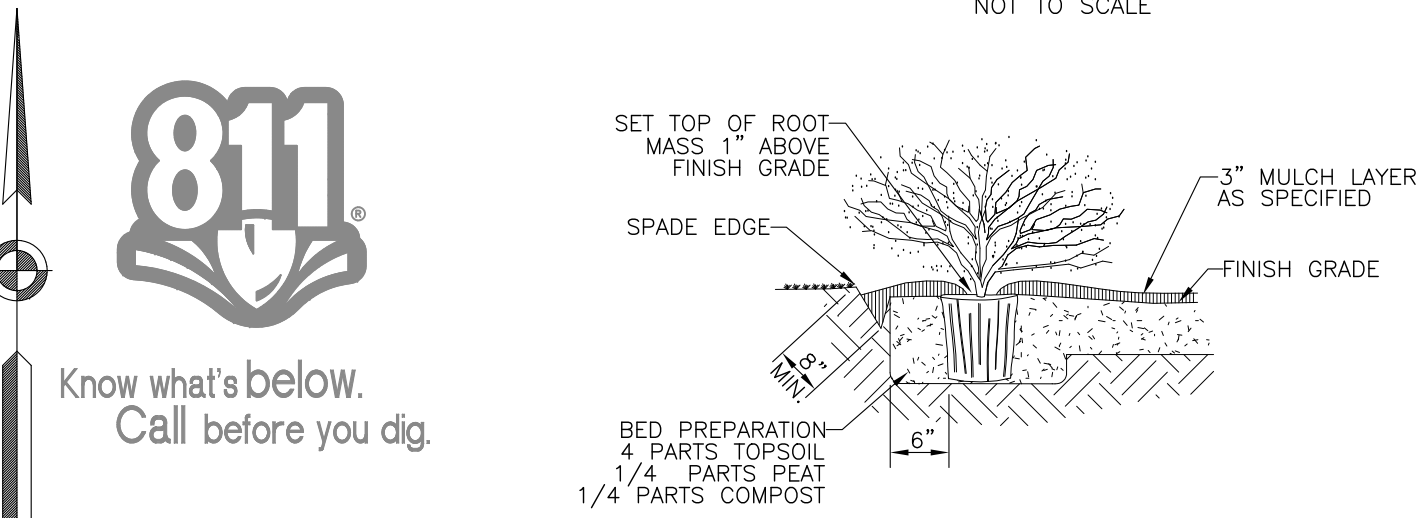
EVERGREEN TREE PLANTING DETAIL

NOT TO SCALE



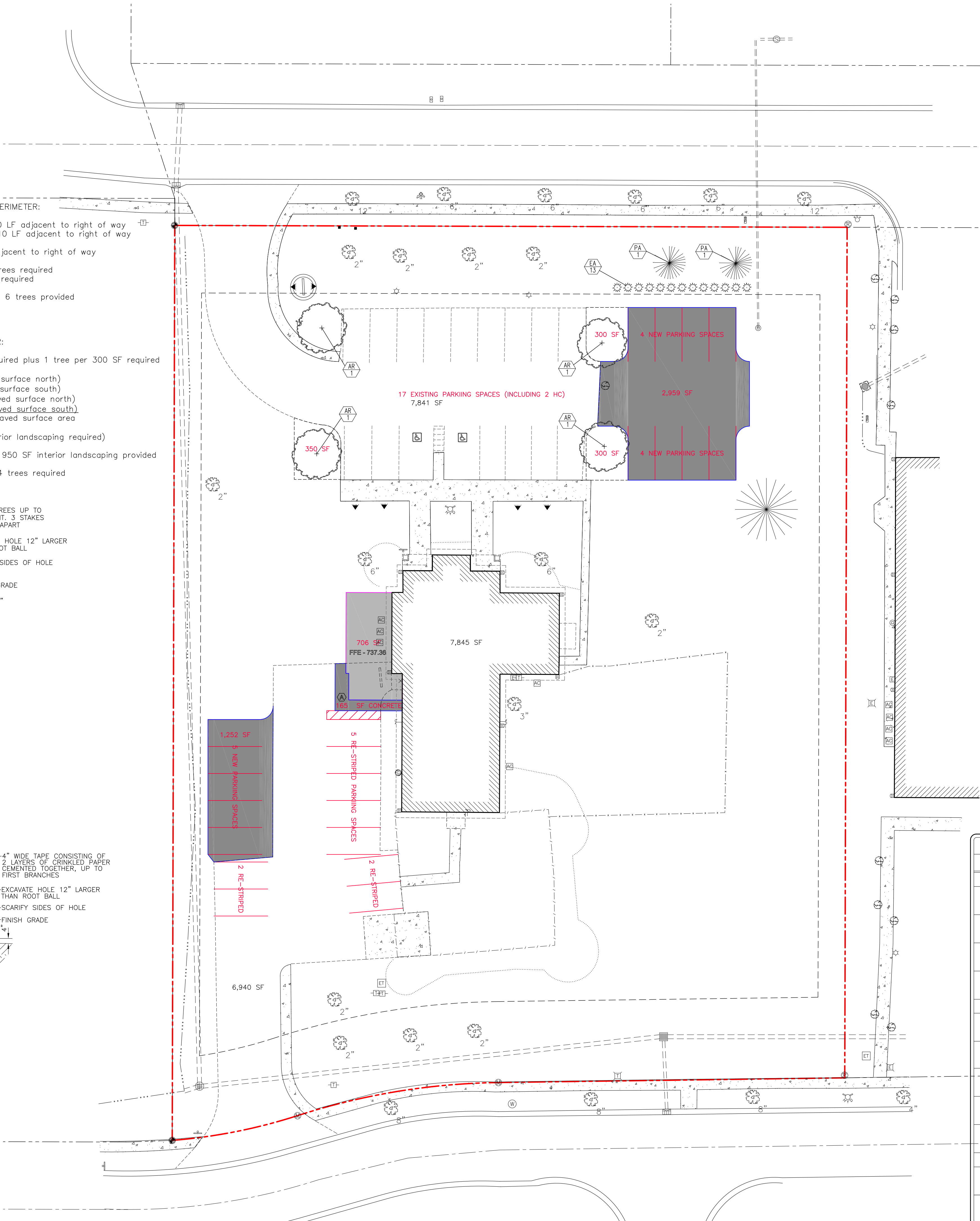
SHADE TREE PLANTING DETAIL

NOT TO SCALE



SHRUB AND SMALL TREE PLANTING DETAIL


NOT TO SCALE



LANDSCAPE NOTES

1. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK.
2. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUALITY AND QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING AS SHOWN ON DRAWINGS.
3. ALL MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE "AMERICAN ASSOCIATION OF NURSERY STOCK, ANSI Z60.1-1996, OR CURRENT PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
4. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN FINISHED AND APPROVED.
5. ALL PLANTS SHALL BE PLANTED SO THAT THE ROOT CROWN IS PLANTED PER DETAIL ON THIS SHEET.
6. ALL PLANTS SHALL BE BALLED AND WRAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT THE TIME OF PLANTING. ALL TWINE OR ROPE SHALL BE REMOVED FROM AROUND CROWN OF TRUNK TO PREVENT GIRDLING OF TREE.
7. WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE CONTAINER BALL SHALL BE CUT THROUGH THE SURFACE IN TWO VERTICAL LOCATIONS.
8. THE DAY PRIOR TO PLANTING, THE LOCATIONS OF ALL TREES AND SHRUBS SHALL BE STAKED FOR APPROVAL BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
9. THE LANDSCAPE CONTRACTOR SHALL REFER TO THE CONTRACT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
10. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE NEW PLANT MATERIAL THROUGH ONE CALENDAR YEAR FROM THE TIME OF PROVISIONAL ACCEPTANCE.
11. IF THERE IS A DISCREPANCY BETWEEN THE PLANS AND THE PLANT LIST, THE PLANS SHALL TAKE PRECEDENCE.
12. CONTRACTOR SHALL REPAIR ANY DAMAGE TO PROPERTY FROM PLANTING OPERATIONS AT NO COST TO THE OWNER.
13. STAKES AND GUY WIRES SHALL BE REMOVED AFTER ONE YEAR.
14. ALL EXISTING LANDSCAPING SHALL BE MAINTAINED DURING CONSTRUCTION. ANY MATERIAL DEEMED DEAD OR UNSATISFACTORY BY LANDSCAPE ARCHITECT WILL BE REPLACED EQUIVALENT IN SIZE AND SHAPE AT NO COST TO THE OWNER.
15. ALL EXISTING LANDSCAPING SHALL BE PRESERVED: NO SOIL STOCKPILING OR STRIPPING, NO EQUIPMENT OR MATERIAL STORAGE SHALL BE ALLOWED. AN ORANGE CONSTRUCTION FENCE SHALL BE CONSTRUCTED TO A DISTANCE OF NO LESS THAN 10 FEET OUTSIDE THE DRIP LINE OF THE EXISTING TREES. CONTACT LANDSCAPE ARCHITECT FOR ADDITIONAL INFORMATION.
16. DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, FENCES, LIGHT POLES, OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT-OF-WAY.
17. ALL BEDS TO HAVE SPADE EDGE.
18. ALL SEEDED/HYROSEEDDED TURF AREAS SHAW HAVE WEED FREE STRAW APPLIED TO RETAIN MOISTURE.

PLANTING SCHEDULE

| LEGEND | KEY | QTY | BOTANICAL NAME | COMMON NAME | SIZE COND | REMARKS | MATURE HEIGHT MATURE SPREAD |
|---|-----|-----|--|-----------------------------|------------------------|----------------------------|--------------------------------|
| TREES | | | | | | | |
|  | AR | 4 | Acer x freemanii "Jeffersred" | Autumn Blaze Maple | 2-1\1/2" B & B | Deciduous Canopy | 50' 45' |
|  | GT | 0 | Gleditsia triacanthos inermis "Skycole" | Skyline Honeylocust | 2-1\1/2" B & B | Deciduous Canopy | 45' 45' |
|  | LS | 0 | Liquidambar styraciflua | Sweetgum | 2-1\1/2" B & B | Deciduous Native Canopy | 50' 45' |
|  | PA | 2 | Picea abies | Norway Spruce | 6'-7" B & B | Evergreen Tree | 60' 40' |
| SHRUBS | | | | | | | |
|  | EA | 13 | Euonymus alatus | Burning Bush | 36" B & B | Deciduous Shrub | 8'-10' 8' |
|  | JC | 0 | Juniperus chinensis "Sea Green" | Sea Green Juniper | 18"-24" No. 3 cont. | Evergreen Shrub | 3' 5'-6' |
|  | RM | 0 | Rosa "Radcan" | Pink Knockout Shrub Rose | 18"-24" No. 3 Cont. | Deciduous Shrub | 3' 3' |
|  | TO | 0 | Thuja occidentalis "Woodwardii" | Woodward Arboretvise | 24"-36" No. 5 Cont. | Evergreen Shrub | 4' 4' |
|  | VO | 0 | Viburnum dentatum "Christom" | Blue Muffin Viburnum | 36" No. 5 Cont. | Deciduous Shrub | 5' 5' |
| GRASSES AND PERENNIALS | | | | | | | |
|  | PA | 0 | Pennisetum alopecuroides "Hemmi" | Hemmi Fountain Grass | 18"-24" No. 2 Cont. | Ornamental Grass | 30" 24" |
|  | | | | | | | |
|  | | | | | | | |

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REVISIONS

LANDSCAPING PLAN

Hillview Veterinary Clinic, LLC
1761 THORNBURG LANE, FRANKLIN, IN
NEEDHAM TOWNSHIP, JOHNSON COUNTY, INDIANA

C8.0-LSP.DWG
08.20.2028
DATE: 2.01.20
PROJ. NO.: 2.01.20
DRAWN BY: B.O.T.
SURVEYED BY: B.O.T.
SCALE: 1"=20'

LSP

SHEET NO.:

C8.0