

WAUKESHA FIRE STATION #4 - RENOVATIONS & ADDITION

1700 NORTHVIEW ROAD | WAUKESHA, WI 53188



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Project Info. —2018—
WAUKESHA FIRE STATION #4
RENOVATIONS & ADDITION
1700 Northview Road,
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Sheet Title
TITLE AND CODE SHEET

Revisions

No.	Date	Description
	12-28-20	P.C. Submittal

Sheet No.
T1.0

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PLUMBING, MECHANICAL AND ELECTRICAL PLANS TO BE A DEFERRED REVIEW AND SUBMITTAL BY DESIGN-BUILD CONTRACTOR

PROJECT NOTES

ELECTRICAL NOTES:

- 1) ALL WORK TO BE BY DESIGN-BUILD ELECTRICAL CONTRACTOR.

HVAC NOTES:

- 1) ALL WORK TO BE BY DESIGN-BUILD HVAC CONTRACTOR.

PLUMBING NOTES:

- 1) ALL WORK TO BE BY DESIGN-BUILD PLUMBING CONTRACTOR.

TYPICAL ABBREVIATIONS

ABV: Above	B/O: By Others	DW: Dishwasher	FTC: Footing	LB: Pound	NO, #: Number	REFR: Ref	TEMP: Tempored
ACOUS: Acoustical	BO: Bottom Of	DNV: Division	FND: Foundation	LAM: Laminated(a)	O: Non-Operable Window	REG: Register	TK: Tight Knot
ADDL: Additional	BR: Bedroom	DR: Door	FRM: Fram(a), (ng)	LAV: Lavatory	OH: Left Hand	RE: Reinforced	T&G: Tongue and Groove
ADH: Adhesive	CA: Cabinet	DH: Double Hung	FBS: Furnished by Others	LH: Left Hand	OP: Operable	REQD: Required	T/O: Top of
ADJ: Adjustable	CALC: Calculation	DT: Drain Tile	FUR: Furred	GA: Gage, Gauge	OC: On Center	RA: Return Air	TOC: Top of Concrete
AFF: Above Finish Floor	CALC: Calculation	DWG: Drawing	GA: Gage, Gauge	GAL: Gallon	LI: Lineal Feet	R: Riser	TOW: Top of Wall
AGG: Aggregate	CD: Cabinet, Door	D: Nail Size	GL: Glass, Glazing	GL: Gallon	LL: Live Load	RD: Rod	TB: Towel Bar
AHJ: Authority Having Jurisdiction	CG: Cast-in-Place	EW: Each Way	GI: Galvanized Iron	GLB: Glass Block	LVL: Laminated Veneer Lumber	R&S: Rod and Shelf	T: Tread
A/C: Air Conditioning	CL: Centerline	E: East	GLB: Glass Block	GL: Galvanized Iron	LVR: Louver	RFS: Roofing	TS: Tubular Steel
AL: Alternate	CO: Clean Out	ELEV: Elevation	GRD: Grade, Grading	GRD: Grade, Grading	MFR: Manufacturer	RM: Room	Typ: Typical
ALUM: Aluminum	CONTR: Contract (or)	ELEV: Elevation	GWB: Gypsum Wall Board	MFR: Manufacturer	MFO: Masonry Opening	PMT: Paint(ed)	UL: Underwriters Laboratory
ANC: Anchor, Anchorage	COORD: Coordinate	EQ: Equipment	HWD: Hardware	MFR: Manufacturer	MFR: Manufacturer	PRF: Partition	UNF: Unfinished
AB: Anchor Bolt	CRPT: Carpet	EXC: Excavate	HT: Height	MFR: Manufacturer	MFR: Manufacturer	PVC: Polyvinyl Chloride	UNO: Unless Noted Otherwise
AKN: Approximate	CA: Caulking	EXH: Exhaust	HC: Hollow Core	MEM: Member	MFR: Manufacturer	PC: Precast Concrete	VB: Vapor Barrier
APT: Apartment	CAS: Casement	EXST: Existing	HR: Horizontal	MFR: Member	MFR: Member	PFB: Prefabricated	VF: Verify in Field
ARCH: Architect	CB: Catch Basin	EXT: Exterior	HOB: Hose Bib	MFR: Member	MFR: Member	PERF: Perforated	VR: Veneer
(architectural)	CE: Ceiling	FCC: Face of Concrete	HT: Height	MFR: Member	MFR: Member	PLAS: Plaster	VERT: Vertical
ASPH: Asphalt	CL: Ceramic Tile	FFF: Face of Finish	INT: Interior	MFR: Member	MFR: Member	PLAM: Plastic Laminat	VG: Vertical Grain
AUTO: Automatic	CIR: Circle	FOM: Face of Masonry	IN: Inch	MFR: Member	MFR: Member	PLT: Plywood	VN: Vinyl Sheet
AVE: Avenue	CLR: Clear	FOS: Face of Studs	INCL: Include	MFR: Member	MFR: Member	PCC: Precast Concrete	WL: Wall
AWN: Awning	COL: Column	CONC: Concrete	ID: Inside Diameter	MFR: Member	MFR: Member	PFB: Prefabricated	WC: Water Closet
	CMM: Concrete Masonry Unit	CONSTR: CONSTRUCTION	IND: Inside Diameter	MFR: Member	MFR: Member	PFT: Pressure Treated	WH: Water Heater
BSMT: Basement	CNT: Continuous	CONT: Continuous	INT: Interior	MFR: Member	MFR: Member	PL: Property Line	WP: Water Proofing
BM: Beam	CNT: Continuous	CJT: Control Joint	INV: Invert	MFR: Member	MFR: Member	PH: Toilet Paper Hanger	WR: Weather Resistant
BSL: Beveled	CNT: Continuous	CORR: Corrugated	JNT: Joint	MFR: Member	MFR: Member	QTY: Quantity	WRB: Weather Resistant Barrier
BTUM: Bituminous	CNT: Continuous	CFT: Control Foot	JST: Joint	MFR: Member	MFR: Member	QT: Quarry Tile	WWF: Welded Wire Fabric
BLK: Block	CNT: Continuous	CORR: Corrugated	JNT: Joint	MFR: Member	MFR: Member	QTY: Quantity	WWM: Welded Wire Mesh
BLKG: Blocking	CNT: Continuous	CFT: Control Foot	JST: Joint	MFR: Member	MFR: Member	RAD: Radius	W: West
BLW: Below	CNT: Continuous	CORR: Corrugated	JNT: Joint	MFR: Member	MFR: Member	REF: Reference	W/O: Without
BLDV: Boulevard	CNT: Continuous	CFT: Control Foot	JNT: Joint	MFR: Member	MFR: Member	RFL: Reflect(ed),(ive),(or)	W/ With
BTW: Between	CNT: Continuous	CORR: Corrugated	JNT: Joint	MFR: Member	MFR: Member	TEL: Telephone	WB: Wood
BD: Board	CNT: Continuous	CFT: Control Foot	JNT: Joint	MFR: Member	MFR: Member		W/O: Without
BDT: Bottom	CNT: Continuous	CORR: Corrugated	JNT: Joint	MFR: Member	MFR: Member		W/ With
BLDG: Building	CNT: Continuous	CFT: Control Foot	JNT: Joint	MFR: Member	MFR: Member		WB: Wood
BUR: Built Up Roofing	CNT: Continuous	CORR: Corrugated	JNT: Joint	MFR: Member	MFR: Member		X: Operable Window Section

BUILDING CODE SUMMARY	
BASED ON THE	WISCONSIN COMMERCIAL BUILDING CODE (2015 INTERNATIONAL BUILDING CODE w/ WI AMENDMENTS)
	2015 INTERNATIONAL EXISTING BUILDING CODE
	2009 ANSI A117.1 ACCESSIBILITY CODE
	ALL OTHER CODES AND ORDINANCES AS REFERENCED BY THE ABOVE CODES
AREA OF ALTERATION	TOTAL AREA OF ADDITION: 856 SF TOTAL AREA OF ALTERATION: 552 SF
FIRE ALARM:	EXISTING, NO CHANGE
OCCUPANCY	(S-2) STORAGE, (B) BUSINESS, (R-1) TRANSIENT DWELLING
OCCUPANCY SEPARATION	NON-SEPARATED USE
CONSTRUCTION TYPE	---
SPRINKLER SYSTEM	FULLY SPRINKLERED
OTHER LEVELS	---
ALTERATION LEVEL	ADDITION, LEVEL 2 ALTERATION
CODE EXCEPTION	---

GENERAL NOTES

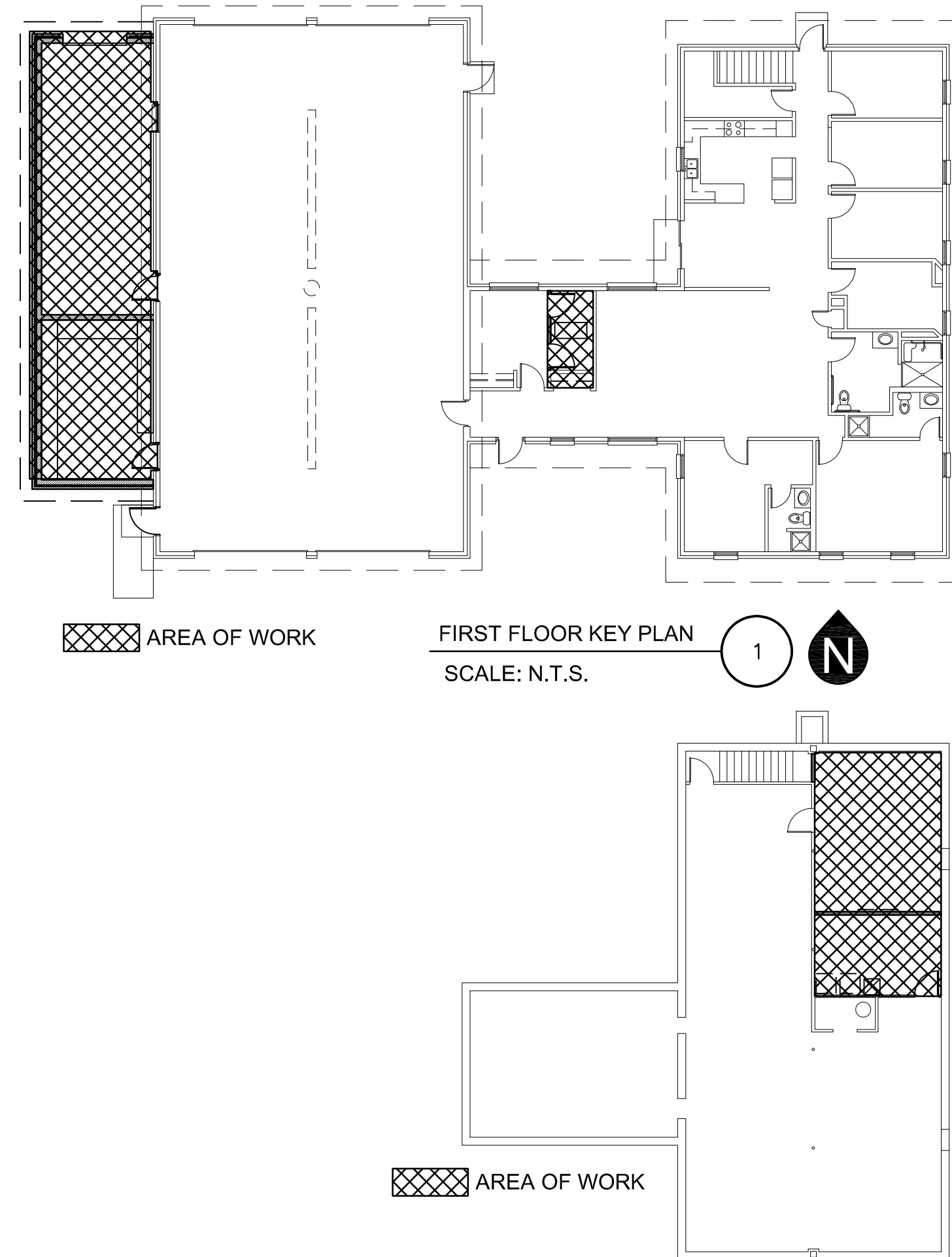
1. CONSTRUCTION IS TO BE IN COMPLIANCE WITH ALL GOVERNING CODES, ORDINANCES & STANDARDS. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, & SUPERVISING ALL SAFETY PRECAUTIONS & PROGRAMS IN CONNECTION WITH THE PERFORMANCE OF THIS PROJECT.
2. ARCHITECT/DESIGNER SHALL NOT BE RESPONSIBLE FOR ANY COST, SCHEDULE OR CONSTRUCTION ISSUES ARISING DUE TO GC/OWNERS FAILURE TO DISTRIBUTE ALL DOCS, SUBCONTRACTORS & SUPPLIERS SHOULD ENDEAVOR TO REVIEW A COMPLETE SET OF DOCS BEFORE BIDDING, FABRICATING & INSTALL.
3. GC, SUBCONTRACTORS, MATERIAL SUPPLIERS, OWNER, ETC. MUST NOTIFY ARCHITECT OF ANY ERRORS, OMISSIONS, OR DEFECTS IN THE CONSTRUCTION DOCUMENTS PRIOR TO BIDDING, FABRICATING OR INSTALLING WORK.
4. SITE DIMENSIONS ARE TO BE FIELD VERIFIED AND ADJUSTED ACCORDINGLY. THE ARCHITECT/DESIGNER SHALL BE NOTIFIED OF ANY VARIANCES BEFORE CONTRACTOR BEGINS OR PROCEEDS WORK.
5. MECH, ELEC, PLUMB & FIRE PROTECTION ARE TO BE DESIGN BUILT, COMPLYING WITH ALL GOVERNING CODES, ORDINANCES & STANDARDS, WHICH WILL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR; THE ARCHITECT ASSUMES NO LIABILITY.
6. ALL MECH, ELEC, PLUMB & FIRE PROTECTION SYSTEMS/EQUIP. SHALL BE MAINTAINED ACCORDING TO MANUFACTURER'S STANDARDS. BLDG. OWNER SHALL ASSUME FULL RESPONSIBILITY FOR MAINTANANCE/OPERATION UPON OCCUPANCY.
7. THE INSTALLATION AND EXECUTION OF ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S STANDARDS AND SPECIFICATIONS. ALL MEANS & METHODS OF CONSTRUCTION TO BE THE SOLE RESPONSIBILITY OF THE GC.
8. PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED IN OCCUPANCIES AND LOCATIONS AS REQUIRED BY THE INTERNATIONAL FIRE CODE. INSTALLATION LOCATIONS SHALL HAVE A MAXIMUM TRAVEL DISTANCE OF 75' TO ANY EXTINGUISHER. EXTINGUISHERS SHALL BE LOCATED IN CONSPICUOUS LOCATIONS WHERE THEY WILL BE READILY ACCESSIBLE AND IMMEDIATELY AVAILABLE FOR USE, TYPICALLY ALONG PATHS OF TRAVEL. EXTINGUISHERS SHALL NOT BE OBSTRUCTED FROM VIEW; IF VISUAL OBSTRUCTION CAN NOT BE AVOIDED ANOTHER MEANS SHALL BE PROVIDED TO INDICATE THE EXTINGUISHER LOCATIONS. EXTINGUISHERS NOT EXCEEDING 40" SHALL BE INSTALLED SO THAT ITS TOP IS NOT MORE THAN 5'-0" ABOVE THE FLOOR, EXTINGUISHERS EXCEEDING 40" SHALL BE INSTALLED SO THAT ITS TOP IS NOT MORE THAN 3'-6" ABOVE THE FLOOR. THE CLEARANCE BETWEEN THE FLOOR AND BOTTOM OF HAND HELD UNITS SHALL NOT BE LESS THAN 4". VERIFY EXTINGUISHER LOCATIONS W/ LOCAL FIRE DEPT. & OWNER PRIOR TO INSTALLATION.
9. ALL CONCRETE FLAT WORK MUST BE WET CURED PER ACI REQUIREMENTS AND/OR CURED USING A CURING COMPOUND. REFER TO STRUCTURAL NOTES FOR CURING COMPOUND SPECS. CONTRACTOR IS RESPONSIBLE FOR APPLYING CURING COMPOUNDS PER THE MANUFACTURER'S REQUIREMENTS.

PROJECT CONTACT INFO

OWNER:
CITY OF WAUKESHA
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
130 DELAFIELD STREET
WAUKESHA, WI 53188
P: 262-524-3600
ATTN: KATIE, JELACIC, PE

ARCHITECT:
THRIVE ARCHITECTS
259 SOUTH STREET, SUITE A
WAUKESHA, WI 53186
P: 833-380-6180
ATTN: JEREMY BARTLETT,
ARCHITECT OF RECORD

CIVIL ENGINEER:
KAPUR & ASSOCIATES
7711 NORTH PORT WASHINGTON RD
MILWAUKEE, WI 53217
P: 414-751-7247
ATTN: KEVIN BYRNE



AREA OF WORK

FIRST FLOOR KEY PLAN
SCALE: N.T.S.

AREA OF WORK

BASEMENT KEY PLAN
SCALE: N.T.S.

SITE



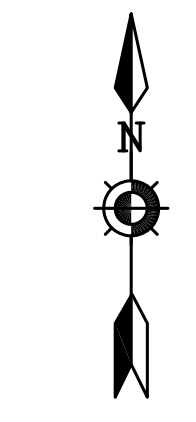
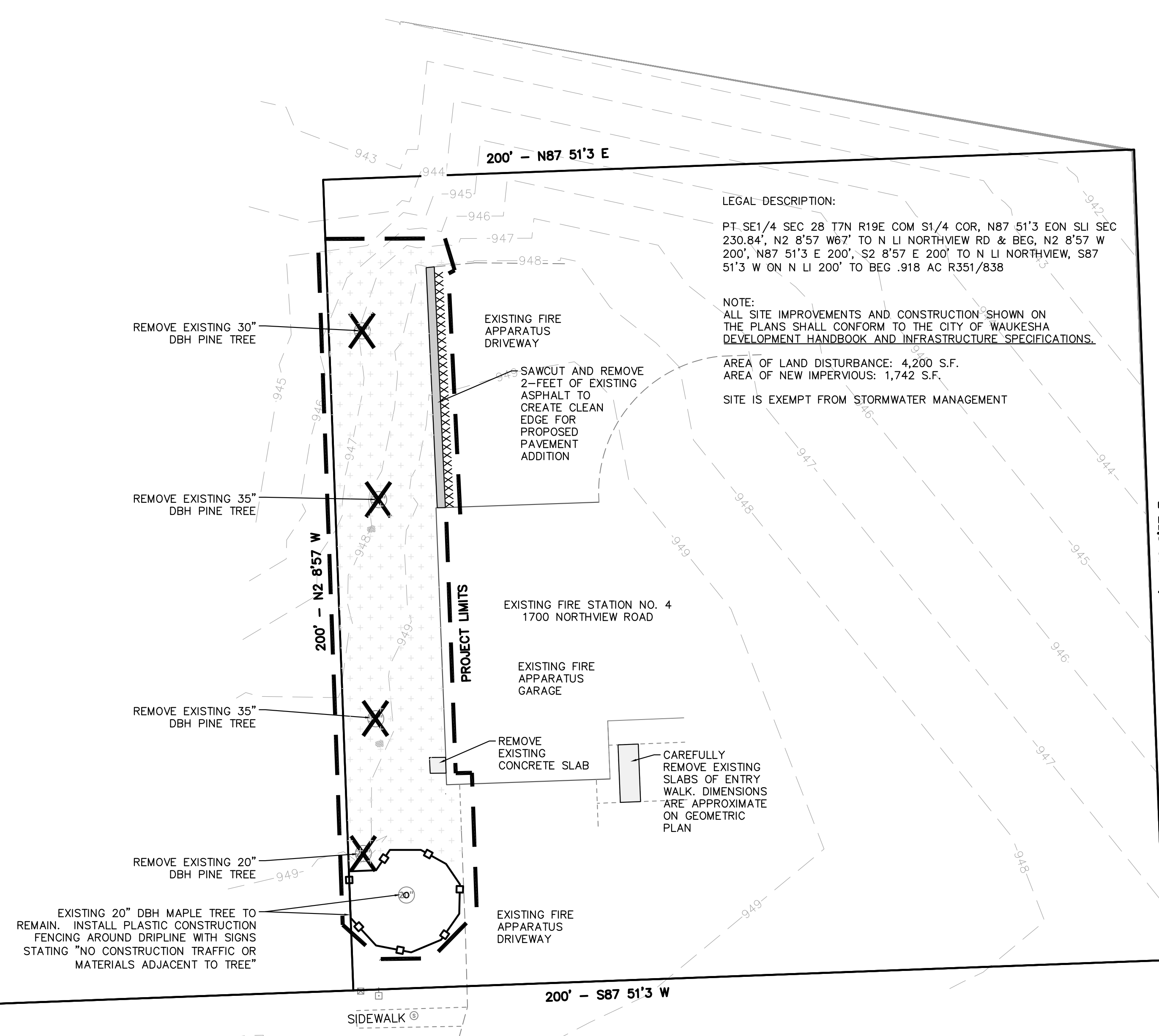
SCALE: N.T.S.

VICINITY MAP
SCALE: N.T.S.

NOT FOR CONSTRUCTION



SITE DEMOLITION PLAN



Scale: 0 10 20 40
Scale: 1" = 20'

DIGGERS HOTLINE
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KEY INDEX

- PROJECT LIMITS
- VEGETATION TO BE REMOVED & DISPOSED OF OFFSITE. IF SUITABLE FOR REUSE, TOPSOIL TO BE STOCKPILED. UNUSED & UNSUITABLE TOPSOIL TO BE REMOVED OFFSITE. TOPSOIL THICKNESS MAY VARY.
- ASPHALT PAVEMENT & BASE MATERIAL TO BE REMOVED TO SUB-BASE & DISPOSED OF OFFSITE. PAVEMENT & BASE THICKNESS MAY VARY.
- CONCRETE & BASE MATERIAL TO BE REMOVED TO SUB-BASE & DISPOSED OF OFFSITE. CONCRETE & BASE THICKNESS MAY VARY.
- .XXXXXXXXXXXX SAWCUT FULL DEPTH
- TREES & STUMPS TO BE REMOVED

NOT FOR CONSTRUCTION

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Sheet No. **C1.1**

NORTHVIEW ROAD



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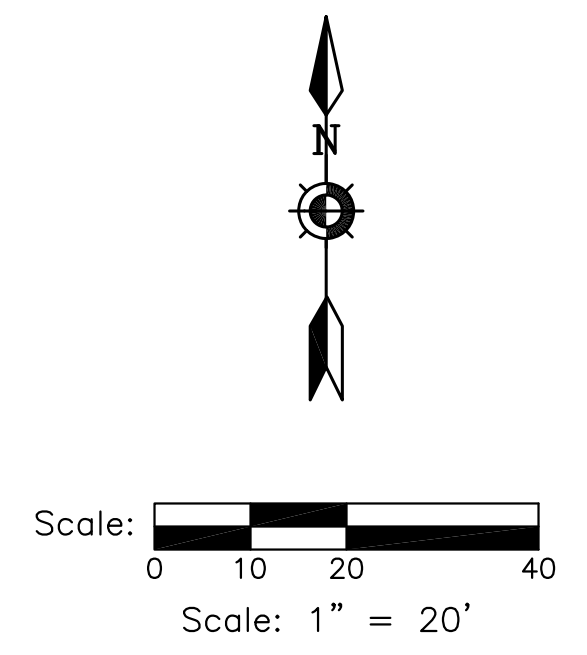
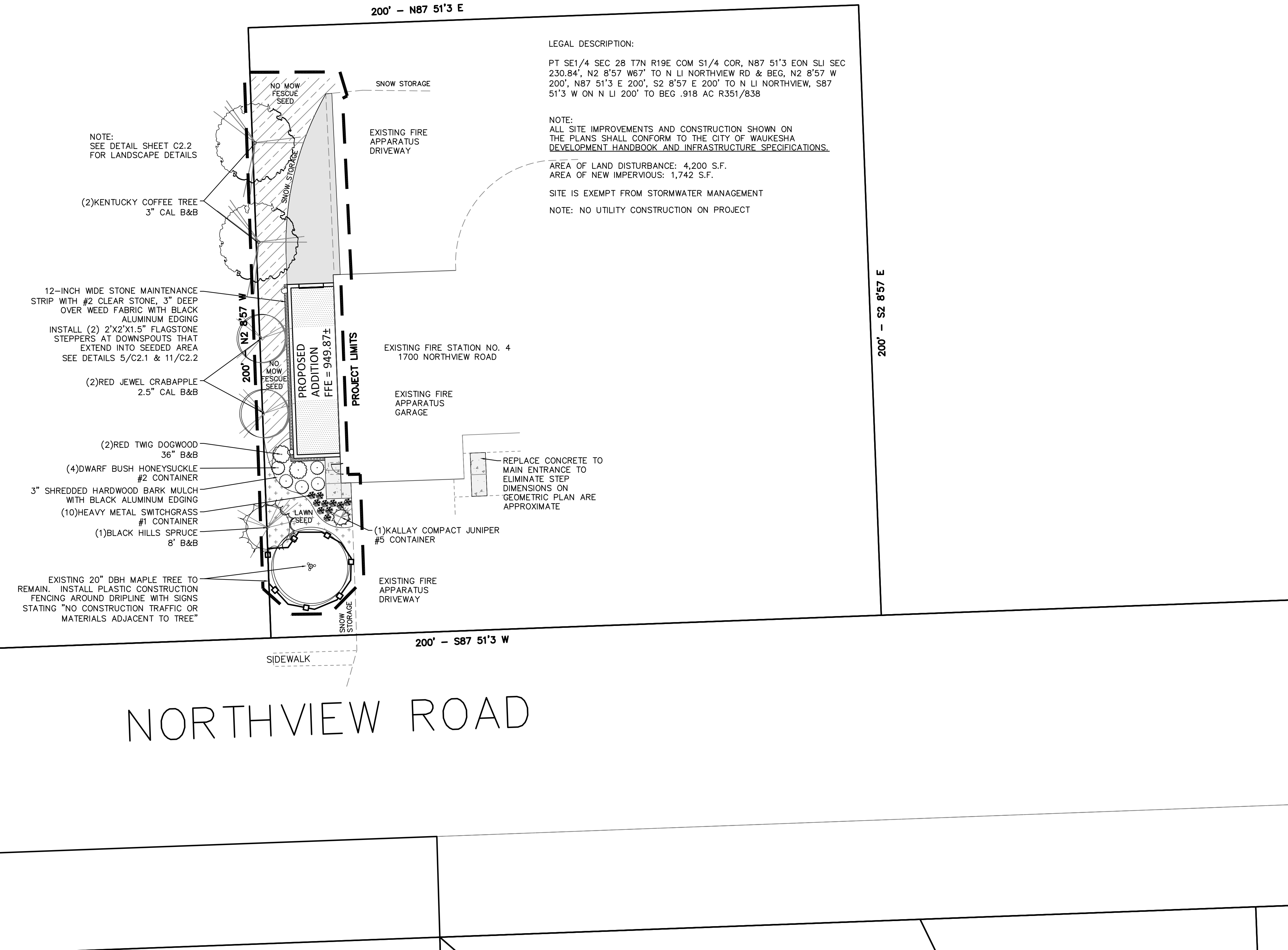
Project Info. —20018—
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Sheet Title
**SITE LAYOUT +
 LANDSCAPE PLAN**

Revisions

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Sheet No.
C1.2



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KEY INDEX

	PROJECT LIMITS
	AREAS DISTURBED BY CONSTRUCTION TO BE RESTORED WITH MINIMUM 4" TOPSOIL, LAWN SEED, FERTILIZER, AND MULCH (TYP). USE SALVAGED TOPSOIL OR IMPORT TOPSOIL IF REQUIRED.
	AREAS DISTURBED BY CONSTRUCTION TO BE RESTORED WITH MINIMUM 4" TOPSOIL, NO MOW FESCUE SEED, FERTILIZER, AND MULCH (TYP). USE SALVAGED TOPSOIL OR IMPORT TOPSOIL IF REQUIRED.
	NEW ASPHALTIC CONCRETE
	NEW CONCRETE SLAB

2 C2.1
 3&4 C2.1

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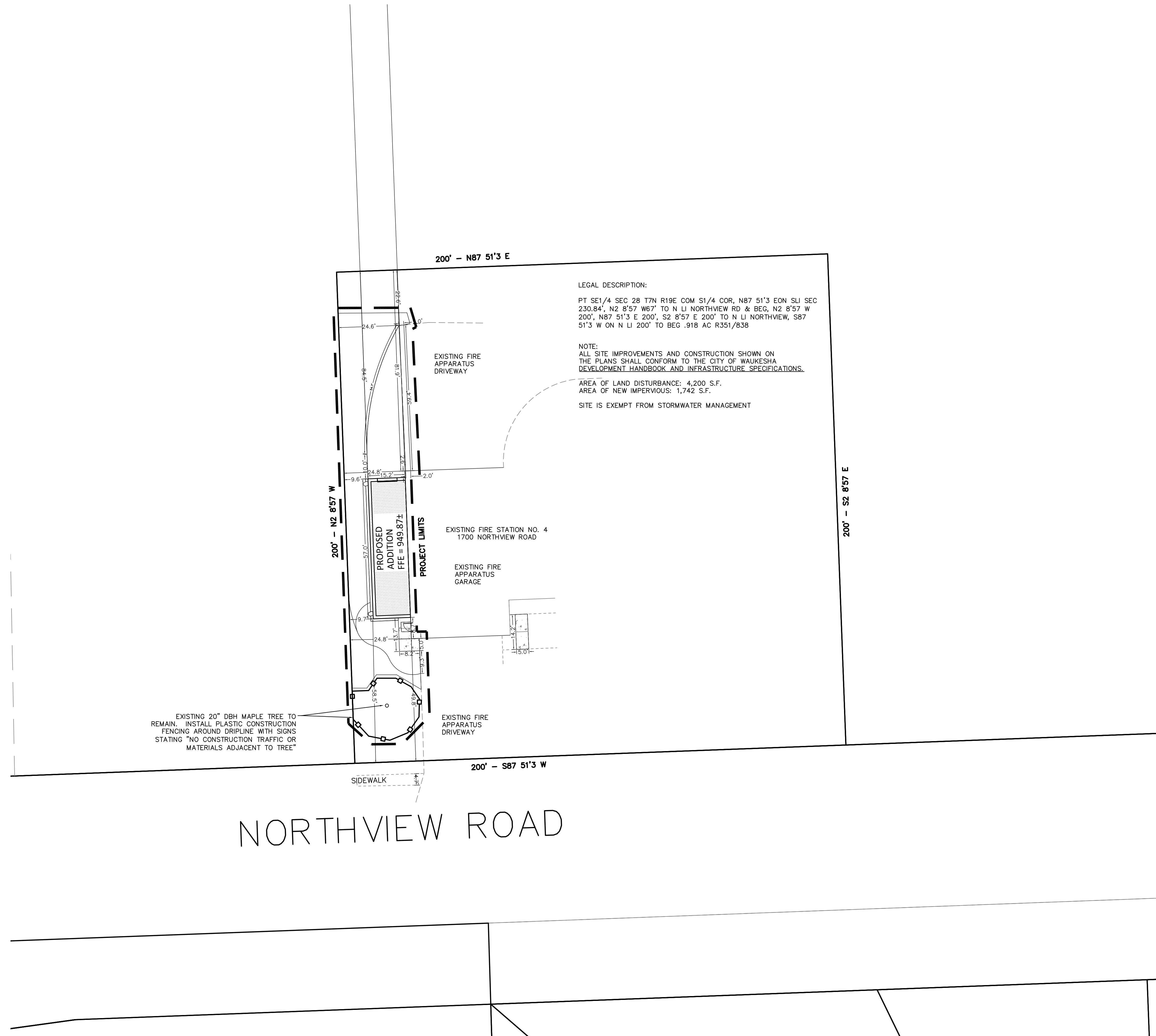
SITE GEOMETRIC PLAN

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Sheet No.

C1.3



Scale: 0 10 20 40
 Scale: 1" = 20'



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KEY INDEX

PROJECT LIMITS

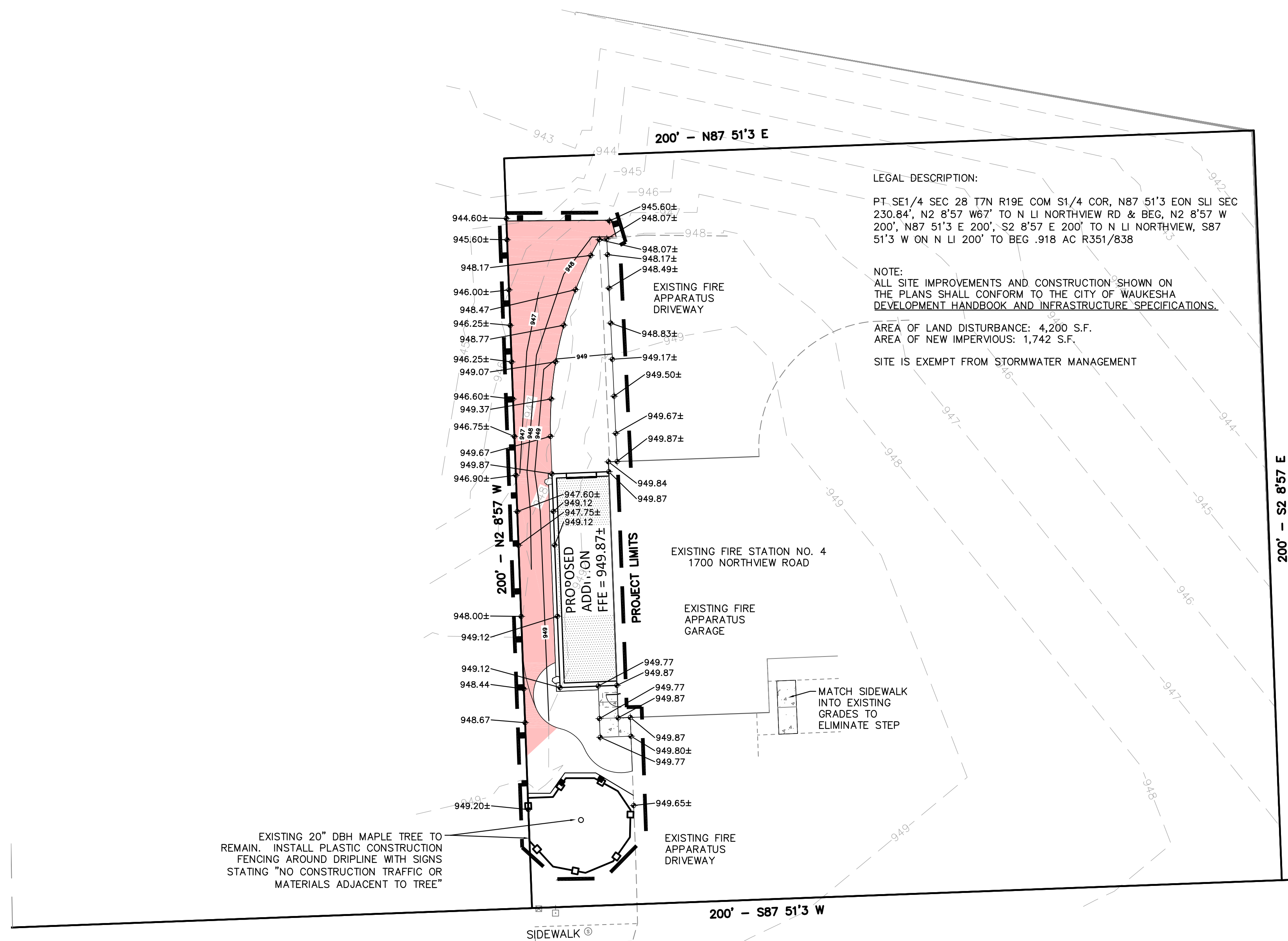
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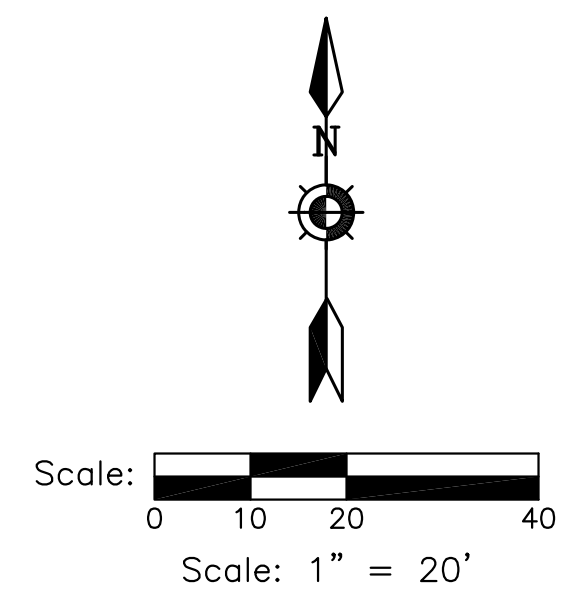
Sheet Title —
SITE GRADING + EROSION CONTROL PLAN



LEGAL DESCRIPTION:
 PT SE1/4 SEC 28 T7N R19E COM S1/4 COR, N87 51'3 EON S1/4 SEC 230.84', N2 8'57 W67' TO N LI NORTHVIEW RD & BEG, N2 8'57 W 200', N87 51'3 E 200', S2 8'57 E 200' TO N LI NORTHVIEW, S87 51'3 W ON N LI 200' TO BEG .918 AC R351/838

NOTE:
 ALL SITE IMPROVEMENTS AND CONSTRUCTION SHOWN ON THE PLANS SHALL CONFORM TO THE CITY OF WAUKESHA DEVELOPMENT HANDBOOK AND INFRASTRUCTURE SPECIFICATIONS.

AREA OF LAND DISTURBANCE: 4,200 S.F.
 AREA OF NEW IMPERVIOUS: 1,742 S.F.
 SITE IS EXEMPT FROM STORMWATER MANAGEMENT



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EROSION NOTES

INSPECT ALL EROSION CONTROL MEASURES PRIOR TO COMMENCING GRADING, GRUBBING OR OTHER LAND DISTURBING ACTIVITIES. EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF EVERY PRECIPITATION EVENT OF 0.50 INCH OR GREATER. IN ADDITION THE CONTRACTOR SHALL CONDUCT DAILY INSPECTIONS AND DOCUMENT CONDITIONS AND REPAIRS MADE ALONG WITH DATE, TIME OF INSPECTION AND WEATHER CONDITIONS IN A DAILY LOG BOOK. THE DAILY LOG BOOK, WEEKLY / 0.50 INCH PRECIPITATION REPORTS, APPROVED PLANS AND WPDES PERMIT SHALL BE KEPT IN AN ACCESSIBLE LOCATION, LIKE A MAILBOX, WITHIN THE STAGING AREA.

AT ABSOLUTELY NO TIME MAY CONSTRUCTION EQUIPMENT, DEBRIS, FILL, ETC. BE PLACED WITHIN WETLANDS, WATERWAYS OR FLOOD PLAINS UNLESS IDENTIFIED IN THE PLANS.

POINTS OF CONTACT

OWNER REPRESENTATIVE:	PROJECT ENGINEER:
KATIE JELACIC, PE CITY OF WAUKESHA DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION 150 DELAFIELD STREET WAUKESHA, WI 53188 PHONE: 262.524.3600	THOMAS PEREZ, P.E. KAPUR & ASSOCIATES, INC. 7711 NORTH PORT WASHINGTON ROAD MILWAUKEE, WI 53217 PHONE: (414) 351-6668
	CONSTRUCTION MANAGER: T.B.D.

KEY INDEX

	PROJECT LIMITS
	INSTALL EROSION MAT ON ALL SLOPES GREATER THAN 4:1 AND ALL DRAINAGE SWALES
	USE CLASS I, TYPE A FROM MSDOT PRODUCT APPROVED LIST FOR ALL SIDE SLOPES
	USE CLASS II, TYPE B FOR ALL DRAINAGE SWALES. INSTALL EROSION MAT ON THE BOTTOM OF AND A MINIMUM OF 2 FEET VERTICALLY UP THE SIDE SLOPES OF ALL DRAINAGE SWALES. CLASS I, TYPE A MAY BE USED FOR THE REMAINDER OF THE SIDE SLOPES IN DRAINAGE SWALES EXCEEDING 2 FEET VERTICALLY.
	FILTER FABRIC SILT FENCE

KEY INDEX

	PROJECT LIMITS
	EXISTING CONTOUR MINOR
	EXISTING CONTOUR MAJOR
	PROPOSED CONTOUR MINOR
	PROPOSED CONTOUR MAJOR

EXISTING 20" DBH MAPLE TREE TO REMAIN. INSTALL PLASTIC CONSTRUCTION FENCING AROUND DRIPLINE WITH SIGNS STATING "NO CONSTRUCTION TRAFFIC OR MATERIALS ADJACENT TO TREE"

MATCH SIDEWALK INTO EXISTING GRADES TO ELIMINATE STEP

NORTHVIEW ROAD

NOT FOR CONSTRUCTION

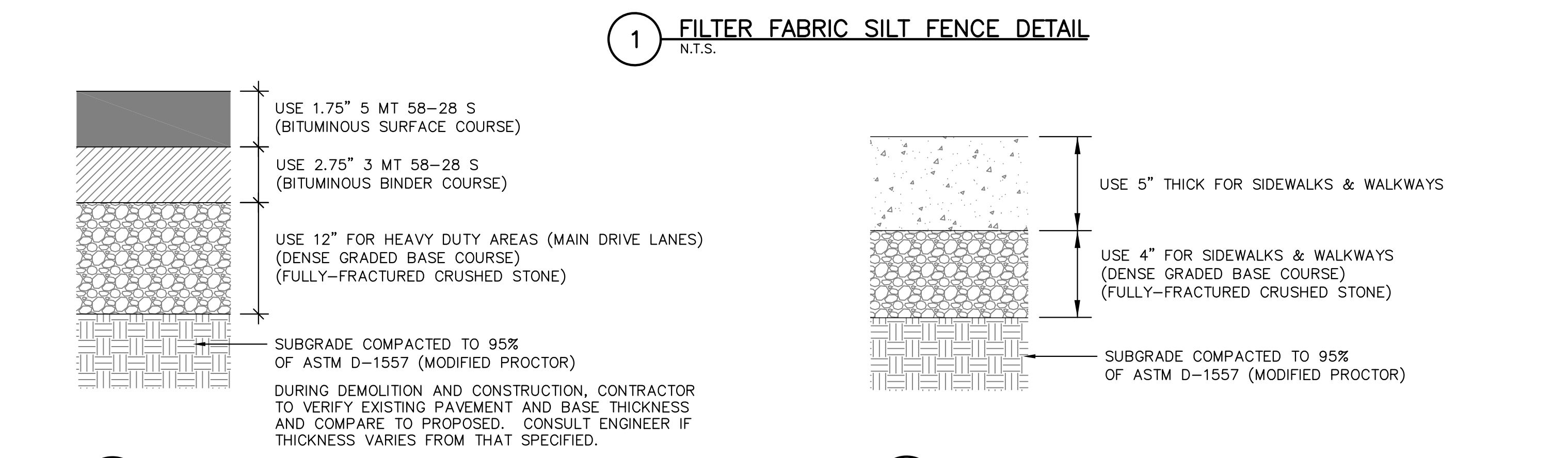
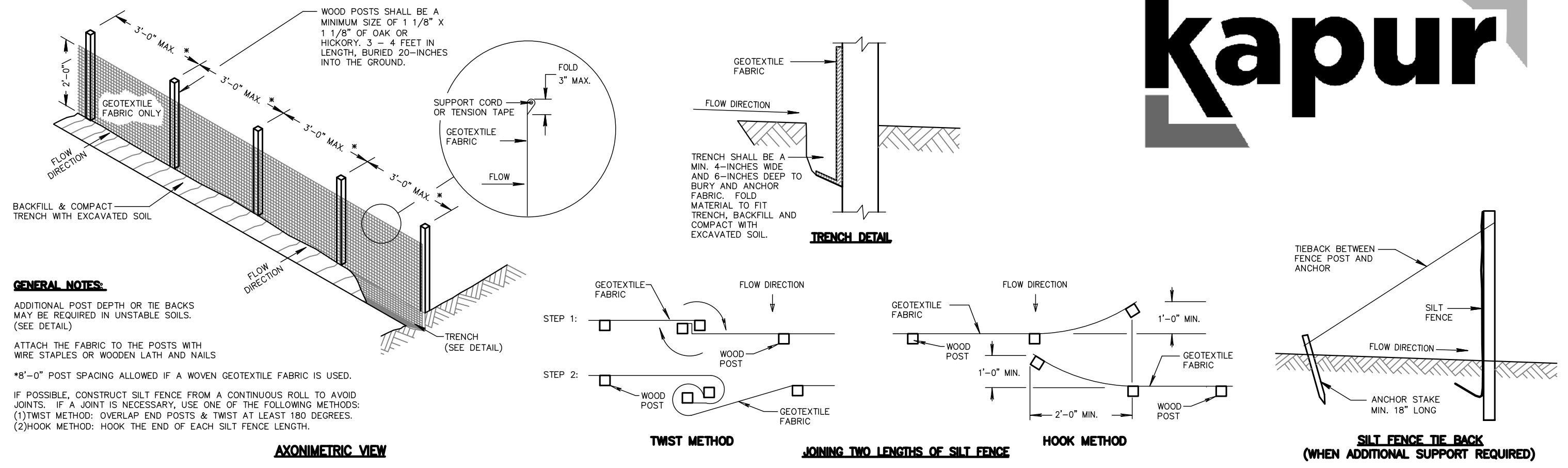
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Sheet No. —
C1.4

EROSION CONTROL MEASURES

- CONTRACTOR TO INSTALL AND MAINTAIN EROSION CONTROL MEASURES AS INDICATED ON THIS PLAN AND PER THE LATEST MNR TECHNICAL STANDARDS. TECHNICAL STANDARDS MAY BE VIEWED ONLINE AT: http://dnr.wis.gov/topic/Stormwater/standards/const_standards.html
- INLETS AND CATCH BASINS SHALL BE PROTECTED WITH INLET FILTERS THAT ARE PHASED IN WITH CONSTRUCTION TO REDUCE SEDIMENT FROM ENTERING THESE AREAS PER MNR TECHNICAL STANDARD 1056 AS FOLLOWS:
 - ALL FABRIC BARRIERS SELECTED FOR INLET/CATCH BASIN PROTECTION DEVICES SHALL BE SELECTED FROM THE LIST OF APPROVED FABRICS CERTIFIED FOR INLET PROTECTION, GEOTEXTILE FABRIC TYPE 17 IN THE CURRENT EDITION OF THE MNR PRODUCT ACCEPTABILITY LIST, TO OBTAIN THE PAL, PLEASE REFER TO THIS WEBSITE: <http://www.inletprotection.com/documents/going-bus/eng-consultants/consultancies/1006/106.pdf>
 - INLET PROTECTION SHALL BE AT A MINIMUM INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT OF 1/8" INCH OR GREATER DURING A 24-HOUR PERIOD.
 - PLACEMENT OF SPILL MATERIAL, DEBRIS, SOILS, ETC. ON TOP OF INLET/CATCH BASINS, EVEN IF TEMPORARY, IS STRICTLY DISCOURAGED AND PROHIBITED.
 - SEDIMENT DEPOSITS SHALL BE REMOVED AND THE INLET PROTECTION DEVICE RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED BETWEEN 1/3 TO 1/2 THE DESIGN DEPTH OF THE DEVICE FOR TYPES A-C, WHEN SEDIMENT IS WITHIN 6" OF THE BOTTOM OF THE OVERFLOW HOLE FOR TYPE D, OR WHEN THE DEVICE IS NO LONGER FUNCTIONING PER MANUFACTURER'S SPECIFICATIONS. ALL SEDIMENT COLLECTED SHALL BE PROPERLY DISPOSED OF TO PREVENT DISCHARGE INTO AREA WATERWAYS AND WETLANDS.
 - DUE CARE SHALL BE TAKEN TO ENSURE SEDIMENT DOES NOT FALL INTO THE INLET/CATCH BASIN AND IMPAIR THE INTENDED FUNCTION OF THE DEVICE. ANY MATERIAL FALLING INTO THE INLET/CATCH BASIN SHALL BE REMOVED AND PROPERLY DISPOSED OF PER NOTE C ABOVE.
 - INLET FILTERS MAY BE REMOVED AND PROPERLY DISPOSED OF UPON COMPLETION OF CONSTRUCTION, HOWEVER, NO MOVEMENT OF CONSTRUCTION EQUIPMENT THROUGH THE SITE, AND ONCE THE SITE IS ADEQUATELY STABILIZED, UNLESS AS OTHERWISE NOTICED BY THE MNR.
- A TRACKING PAD SHALL BE INSTALLED AS SHOWN ON THE PLAN SHEET PRIOR TO THE START OF CONSTRUCTION TO REDUCE OFF-SITE SEDIMENTATION BY ELIMINATING THE TRACKING OF SEDIMENT FROM THE SITE PER MNR TECHNICAL STANDARD 1057 AS FOLLOWS:
 - AGGREGATE USED FOR TRACKING PADS SHALL BE 3 TO 8 INCH CLEAR OR WASHED STONE. ALL MATERIAL TO BE RETAINED BY 3 INCH SIEVE.
 - THE AGGREGATE SHALL BE PLACED IN A LAYER OF AT LEAST 12 INCHES THICK. ON SITES WITH A HIGH WATER TABLE, OR WHERE SATURATED CONDITIONS ARE EXPECTED, TRACKING PADS WILL BE UNDERLAIN WITH MGDOT TYPE R GEOTEXTILE FABRIC.
 - THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT (MIN. 15 FEET WIDE) AND BE AT LEAST 50 FEET LONG.
 - VEHICLES TRAVELING ACROSS THE TRACKING PAD SHALL MAINTAIN A SLOW CONSTANT SPEED.
 - ANY SEDIMENT OR ROCK ACCUMULATED ONTO LOCAL ROADWAYS SHALL BE REMOVED BY STREET CLEANING, NOT FLUSHING BEFORE THE END OF EACH WORKING DAY.
 - THE TRACKING PAD SHALL, AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT OF 1/8" INCH OF RAIN OR MORE DURING A 24-HOUR PERIOD.
 - THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED AT A MINIMUM OF 12" BY SCRAPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
- THE CONSTRUCTION SITE PERIMETER AND TOPSOIL STOCKPILE AREA SHALL BE PROTECTED WITH SILT FENCE AS SHOWN ON THE PLAN SHEET PRIOR TO THE START OF CONSTRUCTION TO INTERCEPT AND REDUCE THE FLOW OF SEDIMENT-LADEN SHEET FLOW RUNOFF FROM THE CONSTRUCTION SITE PER MNR TECHNICAL STANDARD 1058 AS FOLLOWS:
 - SILT FENCE ENDS SHALL BE EXTENDED UP-SLOPE TO PREVENT WATER FROM FLOWING AROUND THE ENDS OF THE FENCE AS SHOWN ON THE PLAN SHEET.
 - INSTALLED SILT FENCE SHALL BE A MINIMUM 14 INCHES HIGH AND SHALL NOT EXCEED 28 INCHES IN HEIGHT MEASURED FROM THE INSTALLED FENCE ROUND ELEVATION.
 - SILT FENCE SHALL BE SUPPORTED BY EITHER STEEL OR WOOD SUPPORT POSTS.
 - THE MAXIMUM SPACING OF POSTS FOR NONWOVEN SILT FENCE SHALL BE 3 FEET OR FOR WOVEN FABRIC 8 FEET.
 - SILT FENCE SHALL HAVE A SUPPORT CORD AT THE TOP OF THE FENCE.
 - WHERE JOINTS ARE NEEDED, EACH END OF THE FABRIC SHALL BE SECURELY FASTENED TO A POST. THE POSTS SHALL BE WRAPPED AROUND EACH OTHER TO PRODUCE A STABLE AND Y-TRENSH ON THE UPSLOPE SIDE OF THE FENCE. THE TRENCH SHALL BE BACKFILLED AND COMPACTED. TRENCHES SHALL NOT BE EXCAVATED ANY DEEPER THAN NECESSARY FOR PROPER INSTALLATION.
 - ON THE TERMINAL ENDS OF THE SILT FENCE THE FABRIC SHALL BE WRAPPED AROUND EACH POST SUCH THAT THE STAPLES ARE NOT VISIBLE.
 - GEOTEXTILE FABRIC SPECIFICATIONS SHALL MEET VALUES ESTABLISHED IN TECHNICAL STANDARD 1058.
 - SILT FENCE SHALL BE REMOVED ONCE THE SITE IS ADEQUATELY STABILIZED.
 - WHEN PLACING SILT FENCE NEAR TREES, CARE SHALL BE TAKEN TO MINIMIZE DAMAGE TO THE ROOT SYSTEM BY AVOIDING COMPACTION AND ROOT CUTTING WITHIN A RADIUS OF 15 FEET MULTIPLIED BY THE INCH DIAMETER OF TREE.
 - SILT FENCE SHALL AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 1/8" INCH OF RAIN OR MORE DURING A 24 HOUR PERIOD.
 - DAMAGED OR DECOMPOSED SILT FENCE UNDERCUTTING OR FLOW CHANNELS AROUND THE END OF BARRIERS SHALL BE REPAIRED OR CORRECTED.
 - SEDIMENT SHALL BE PROPERLY DISPOSED OF ONCE THE DEPOSITS REACH 1/2 THE HEIGHT OF THE FENCE TO PREVENT DISCHARGE INTO AREA WATERWAYS AND WETLANDS.
- SEEDING AND MULCHING TECHNIQUES SHALL BE USED ON AREAS OF EXPOSED SOIL WHERE THE ESTABLISHMENT OF VEGETATION IS DESIRED. TEMPORARY SEEDING APPLIES TO DISTURBED AREAS THAT WILL NOT BE BROUGHT TO FINISH GRADE OR WHICH ARE NOT DISTURBED ACTIVITIES WILL NOT BE PERFORMED FOR A PERIOD GREATER THAN 14 CALENDAR DAYS, REQUIRING VEGETATIVE COVER FOR LESS THAN ONE YEAR. SEED AND MULCH SHALL BE UTILIZED THROUGHOUT THE DURATION OF CONSTRUCTION TO ESTABLISH TEMPORARY VEGETATION TO HELP REDUCE EROSION. MNR TECHNICAL STANDARDS 1059 AND 1068 RESPECTIVELY AS FOLLOWS:
 - TEMPORARY SEEDING REQUIRES A SEEDBED OF LOOSE SOIL TO A MINIMUM DEPTH OF 2 INCHES.
 - FERTILIZER APPLICATION IS NOT GENERALLY REQUIRED FOR TEMPORARY SEEDING. HOWEVER, IF APPLICATION OF FERTILIZER OR LIME SHALL BE BASED ON SOIL TESTING.
 - THE SOIL SHALL HAVE A PH RANGE OF 5.5 TO 8.0.
 - ALL SEED SHALL CONFORM TO THE REQUIREMENTS OF THE WISCONSIN STATE STATUTES AND OF THE ADMINISTRATIVE CODE CHAPTER ATOP 20.01 REGARDING NOXIOUS WEED SEED CONTENT AND LABELING.
 - SEED SHALL NOT BE USED LATER THAN ONE YEAR AFTER THE TEST DATE ON THE LABEL.
 - IN THE SUMMER-SPRING, CONTRACTOR SHALL USE OATS APPLIED AT 131 LBS/ACRE FOR TEMPORARY SEEDING PURPOSES. IN THE FALL, THE CONTRACTOR SHALL USE ANNUAL RYEGRASS APPLIED AT 80 LBS/ACRE OR WINTER WHEAT OR CORN RYE APPLIED AT 131 LBS/ACRE. THE CONTRACTOR SHALL USE STRAW MULCH APPLIED AT 1.5 TONS/ACRE. DOMINANT SEED SHALL BE USED WHEN SOIL TEMPERATURE IS CONSISTENTLY BELOW 50 DEGREES FAHRENHEIT (TYPICALLY NOV. 1 UNTIL SNOW COVER ANNUALLY). NEVER PLACE SEED ON TOP OF SNOW. IF COVER IS NEEDED UNDER SNOW COVER, CONTRACTOR MAY CHOOSE TO USE A DRY, NON-CLAY TYPE B SOIL STABILIZER PER MANUFACTURER'S SPECIFICATIONS AS REQUIRED BY THE MNR.
 - SEEDING SHALL NOT TAKE PLACE WHEN THE SOIL IS TOO WET.
 - CONTRACTOR MAY CONSIDER WATERING TO HELP ESTABLISH THE SEED. COMPACTION IN AREAS THAT ARE SEEDING TO HELP PREVENT RUNOFF AND EROSION.
 - DURING CONSTRUCTION, AREAS THAT HAVE BEEN SEEDING AND MULCHED SHALL AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 1/8" INCH OF RAIN OR MORE DURING A 24 HOUR PERIOD. INSPECT WEEKLY DURING THE GROWING SEASON UNTIL VEGETATION IS DENSELY ESTABLISHED OR THE SOIL IS LAID, REPAIR AND RESEED AREAS THAT HAVE EROSION DAMAGE AS NECESSARY.
 - CONTRACTOR IS TO LIMIT VEHICLE TRAFFIC AND OTHER FORMS OF COMPACTION IN AREAS THAT ARE SEEDING AS MUCH AS POSSIBLE. RE-SEED DRIVEN OVER AREAS AS NEEDED.
 - MULCH SHOULD BE PLACED WITHIN 24 HOURS OF SEEDING.
 - MULCHING OPERATIONS SHALL NOT TAKE PLACE DURING PERIODS OF EXCESSIVELY HIGH WINDS THAT WOULD PRECLUDE THE PROPER PLACEMENT OF MULCH.
 - MULCH THAT IS DISPLACED SHALL BE REAPPLIED AND PROPERLY ANCHORED. MAINTENANCE SHALL BE COMPLETED AS SOON AS POSSIBLE WITH CONSIDERATION TO SITE CONDITIONS.
 - WHEN CHANNEL EROSION MAT IS USED WITHIN CONSTRUCTION SITE DIVERSION AREAS, TECHNICAL STANDARDS 1053 AND 1066 SHALL BE FOLLOWED.
 - WHEN NON-CHANNEL EROSION MAT IS USED TECHNICAL STANDARD 1052 SHALL BE FOLLOWED.
 - DEPENDING ON DURATION OF CONSTRUCTION, THE CONTRACTOR MAY NEED TO RE-SEED AND RE-STABILIZE THE TOPSOIL STOCKPILE AS NECESSARY TO DISCOURAGE SEDIMENT AND EROSION.
- A COPY OF EROSION CONTROL INSPECTION REPORTS AND THE APPROVED EROSION CONTROL PLANS SHALL BE KEPT ON SITE.
- CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL PRACTICES BY THE END OF EACH WORKDAY.
- LOCAL ROADS SHALL BE CLEAN BY THE END OF EACH WORKDAY. CONTRACTOR SHALL HAVE LOCAL ROADS SWEEP WHERE SEDIMENT ACCUMULATES.



EROSION CONTROL OPERATION SEQUENCE + SCHEDULE

- AFTER BIDS ARE RECEIVED AND A MASS GRADING CONTRACTOR IS SELECTED, A PRE-CONSTRUCTION MEETING SHALL TAKE PLACE WITH ALL RELEVANT PARTIES IN ATTENDANCE.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING ALL SILT FENCES, SEEDING, EROSION MATTING, AND OTHER EROSION CONTROL MEASURES. GENERAL CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PRIOR TO COMMENCING GRADING, GRUBBING, OR OTHER LAND DISTURBING ACTIVITIES. EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF EVERY PRECIPITATION EVENT OF 1/8" INCH OR GREATER. IN ADDITION, THE ACTIVE CONTRACTOR SHALL CONDUCT DAILY INSPECTIONS AND DOCUMENT CONDITIONS AND REPAIRS MADE, ALONG WITH DATE, TIME OF INSPECTION, AND WEATHER CONDITIONS IN A DAILY LOG BOOK.
- ALL REGULATORY PERMITS, PROJECT PLANS, AND INSPECTION LOGS SHALL BE KEPT ON SITE IN AN ACCESSIBLE LOCATION, SUCH AS A MAILBOX, AVAILABLE TO REGULATORY AGENCIES UPON REQUEST.
- CONTRACTORS ARE TO MAINTAIN THE CONSTRUCTION SITE IN A NEAT AND TIDY MANNER FOR THE DURATION OF THE PROJECT.
- THE TIMING AND SEQUENCE OF CONSTRUCTION IS SCHEDULED AS FOLLOWS:
- OBTAIN PLAN APPROVAL FROM THE CITY OF WAUKESHA, AND ALL APPLICABLE PERMITS, INCLUDING EROSION CONTROL PERMIT.
 - CONSTRUCTION IS SCHEDULED TO BEGIN IN SPRING 2021, DEPENDING ON WEATHER & GROUND CONDITIONS.
 - SILT FENCE SHALL BE INSTALLED AS SHOWN ON THE PLANS, AND INSPECTED PRIOR TO COMMENCING ANY LAND DISTURBING ACTIVITIES PER PROJECT PLANS AND DETAILS. SEDIMENT DEPOSITS WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN THEY REACH A DEPTH OF 1/2 FENCE HEIGHT.
 - SITE DEMOLITION OF PAVEMENT, ETC. WILL OCCUR AFTER ALL EROSION CONTROL MEASURES ARE IN PLACE.
 - CONSTRUCTION OF THE BUILDING, STARTING WITH THE FOUNDATION, WILL BEGIN IMMEDIATELY AFTER THE SITE DEMOLITION IS COMPLETE IN THE BUILDING PAD AREA.
 - TOPSOIL STRIPPING AND ROUGH GRADING WILL FOLLOW. TOPSOIL WILL BE REMOVED FROM THE SITE.
 - AFTER ROUGH GRADING IS COMPLETE IN HARD SURFACE AREAS SUCH AS ROADWAYS, PARKING LOTS, AND BUILDINGS, THE REQUIRED THICKNESS OF DENSE GRADED BASE COURSE PER THE PROJECT PLANS AND DETAILS WILL BE APPLIED FOR STABILIZATION. AFTER ROUGH GRADING IS COMPLETE OUTSIDE OF HARD SURFACE AREAS, THE TOPSOIL WILL BE REAPPLIED AND THE LANDSCAPE CONTRACTOR WILL COMPLETE SEEDING/SODDING/FERTILIZING/MULCHING AND INSTALL EROSION MATTING AS PER APPROVED PLANS AND SPECIFICATIONS.
 - FINAL SITE STABILIZATION IS ANTICIPATED FOLLOWING THE COMPLETION OF GRADING ACTIVITIES PER MNR TECHNICAL STANDARD 1059. IF SITE STABILIZATION CANNOT BE COMPLETED BY OCTOBER 15, THEN THE USE OF ANIONIC POLYACRYLAMIDE CONFORMING TO MNR TECHNICAL STANDARD 1050 SHALL BE USED. IN ADDITION, ALL SLOPES OF GREATER THAN 20% MUST ADHERE TO THE SCHEDULE IN TABLE 1 BELOW.
 - AFTER ALL TOPSOIL HAS BEEN REAPPLIED AND STABILIZATION IS UNDERWAY, ROADWAY, PARKING LOT, AND SIDEWALK BASE MATERIAL WILL BE APPLIED PER PROJECT SPECIFICATIONS.
 - THE GENERAL CONTRACTOR WILL REQUEST A FINAL INSPECTION BY THE CITY. UPON APPROVAL, ALL SILT FENCES SHALL BE REMOVED.
 - IF REQUIRED, FINAL "AS-BUILT" SURVEYS ARE TO BE CONDUCTED BY THE OWNER AND FINAL DOCUMENTS FORWARDED TO THE CITY.
 - BARE SOIL LEFT UNDISTURBED FOR 14 CALENDAR DAYS MUST BE TEMPORARILY STABILIZED PER MNR TECHNICAL STANDARD 1059. BY OCTOBER 15, THE SITE SHALL BE STABILIZED PER NOTE 12 ABOVE.
 - WE DO NOT ANTICIPATE THE NEED FOR WATERING WITH THIS CONSTRUCTION SCHEDULE. HOWEVER, IF ADEQUATE RAIN IS NOT EXPERIENCED WITHIN ONE WEEK AFTER INITIAL SEED GERMINATION AT ANY POINT DURING THE CONSTRUCTION PROCESS, WATER SHALL BE TRUCKED IN AND APPLIED ONCE PER WEEK.
- IF CONSTRUCTION SCHEDULES SHOULD CHANGE SIGNIFICANTLY, THIS PLAN NARRATIVE WILL BE UPDATED AND RESUBMITTED BY THE GENERAL CONTRACTOR TO THE CITY AND MNR.

DEWATERING PLAN

- TO FACILITATE CONSTRUCTION AT THE PROJECT SITE, DEWATERING MAY TAKE PLACE BY THE SELECTED CONTRACTOR. CONTRACTOR TO FOLLOW THESE INSTRUCTIONS WHILE PERFORMING DEWATERING ACTIVITIES ON-SITE. IF DEWATERING IS TO TAKE PLACE AT THE SITE, IT WILL OCCUR BETWEEN STEPS 3 AND 14 OF THE EROSION CONTROL OPERATION SEQUENCE.
- NOTE: THESE INSTRUCTIONS DO NOT APPLY TO WATER BEING DISCHARGED DIRECTLY TO GROUNDWATER OR KARST FEATURES OR WELL DEWATERING SYSTEMS. CONTRACTOR SHALL COORDINATE ACCORDINGLY FOR OTHER DEWATERING ACTIVITIES AS DEEMED NECESSARY WITH THE MNR.
- THE CONTRACTOR SHALL ENSURE THAT THE DEWATERING PRACTICES CARRIED OUT MEET OR EXCEED MNR TECHNICAL STANDARD NUMBER 1061.
 - A PAN OR OTHER CONTAINMENT DEVICE SHALL BE PLACED UNDERNEATH THE PUMP TO CAPTURE ANY SPILLS. OILS, GASOLINE, ETC. SHALL NOT BE STORED WITHIN WETLANDS, NEAR THE STORMWATER POND, OR OTHER ON-SITE WATER AREAS.
 - A TYPE 2 GEOTEXTILE BAG THAT IS NO SMALLER THAN 100 SQUARE FEET, HAS A MAXIMUM APPARENT OPENING SIZE OF 0.12 mm, HAS A GRAB TENSILE STRENGTH OF 300 LBS, MULLEN BURST OF 580 PSF, PERMEABILITY OF 0.2 CM/SEC, FABRIC WEIGHT OF 12 OZ SHALL BE USED. THE GEOTEXTILE BAG AREA AND DOWNSPADE FLOW AREA SHALL CONSIST OF VEGETATED AND UNDISTURBED SOILS.
 - POLYMER APPROVED BY THE MNR MEETING MNR TECHNICAL STANDARD 1051 MAY BE USED IN COMBINATION WITH THE DEWATERING BAG IF THE DEWATERING BAG IS NOT DOING AN ADEQUATE JOB ALONE OF FILTERING SEDIMENTS. THE CONTRACTOR SHALL SUPPLY TOXICITY TESTING DATA TO THE MNR BEFORE USE ON-SITE FOR MNR APPROVAL. POLYMER SHALL NOT BE DIRECTLY APPLIED TO SURFACE WATER. CONTRACTOR SHALL OBTAIN THE MATERIAL SAFETY DATA SHEETS (MSDS) FOR THE SELECTED POLYMER, MANUFACTURER'S INFORMATION AND MNR USE RESTRICTIONS (SEE TECHNICAL STANDARD 1051) AND KEEP ALL THIS INFORMATION ON-SITE. CONTRACTOR SHALL ADHERE TO MANUFACTURER AND MNR'S APPLICATION RATES FOR THE POLYMER, WITH THE MNR'S RATE TAKING PRECEDENCE. THE CONTRACTOR SHALL TAKE STEPS TO ENSURE THAT THE POLYMER IS NOT SPILLED. SPILL KITS SHALL BE KEPT ON SITE. THE MANUFACTURER'S RECOMMENDED CLEANUP PROCEDURES SHALL BE FOLLOWED IN THE EVENT OF A SPILL.
 - A TARP MAY BE UTILIZED UNDERNEATH THE TYPE 2 GEOTEXTILE BAG AND JUST DOWN SLOPE OF THE BAG TO DISCOURAGE EROSION AND SCOUR.
 - A FLOATING SUCTION HOSE OR OTHER FLOTATION METHOD SHALL BE UTILIZED WHEN PUMPING FROM AN AREA WITH STANDING WATER TO AVOID SUCIONING SEDIMENT FROM GRADE.
 - IF TURBID WATER IS LEAVING THE GEOTEXTILE BAG, THE CONTRACTOR SHALL SHUT OFF THE PUMP TO ALLOW SEDIMENTS TO SETTLE INTO THE BAG. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S SPECIFICATIONS FOR DETERMINING THE SEDIMENT CAPACITY OF THE GEOTEXTILE BAG USING GOOD COMMON SENSE. SEDIMENT LEVELS CONTAINED IN THE BAG SHALL BE MONITORED TO MEASURE THE LOSS OF STORAGE CAPACITY OVER TIME. THE CONTRACTOR SHALL PROPERLY DISPOSE OF THE GEOTEXTILE BAG IN A WASTE RECEPTACLE ONCE IT IS NO LONGER USED.
 - DURING DEWATERING ACTIVITIES THE CONTRACTOR SHALL MONITOR DEWATERING PRACTICES AND KEEP A LOG OF THE FOLLOWING:
 - DISCHARGE DURATION AND SPECIFIED PUMPING RATE.
 - OBSERVED WATER TABLE AT TIME OF DEWATERING.
 - MAINTENANCE ACTIVITIES
 - NAME AND QUANTITY OF POLYMER USED. PRODUCT TYPE, APPLICATION RATE OF POLYMER IN POUNDS/ACRE FEET OF WATER, DATE AND TIME APPLIED, WEATHER CONDITIONS DURING APPLICATION, METHOD OF APPLICATION.
- THIS LOG NEEDS TO BE KEPT ON SITE FOR MNR REGULATORY REVIEW. COPIES OF THIS DOCUMENTATION SHOULD BE KEPT IN THE CONTRACTOR'S MONITORING LOG AND MADE AVAILABLE UPON REQUEST.
- REVIEW THE FOLLOWING FOR MORE INFORMATION:
- MNR TECHNICAL STANDARD 1061 FOR DEWATERING - http://dnr.wis.gov/topic/Stormwater/documents/Dewatering_1061.pdf
- MNR TECHNICAL STANDARD 1051 FOR POLYMER - <http://dnr.wis.gov/topic/Stormwater/documents/dnr1051.pdf>

TABLE 1 - MAXIMUM PERIOD OF BARE SOIL FOR SLOPES GREATER THAN 20%

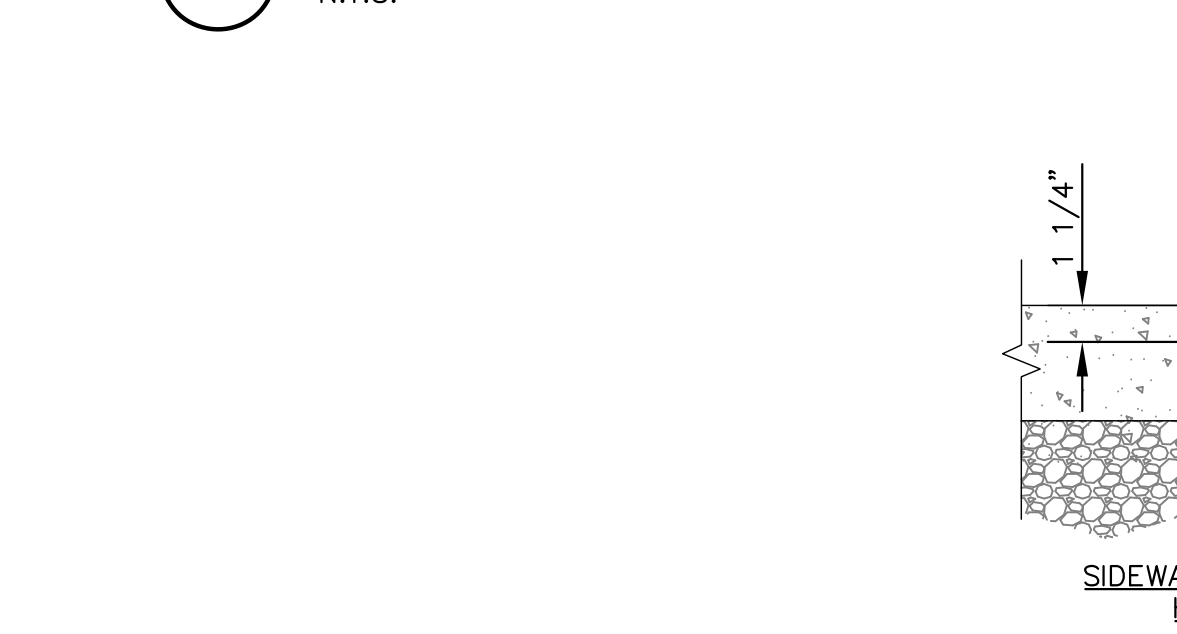
SLOPE AREA DRAINS TO SEDIMENT BASIN?	LAND DISTURBANCE BETWEEN SEPT. 16 AND MAY 1	LAND DISTURBANCE BETWEEN MAY 2 AND SEPT. 15
YES	90 DAYS	90 DAYS
NO	60 DAYS	30 DAYS

TABLE FROM WI DNR GUIDANCE DOC # 3800-2015-06

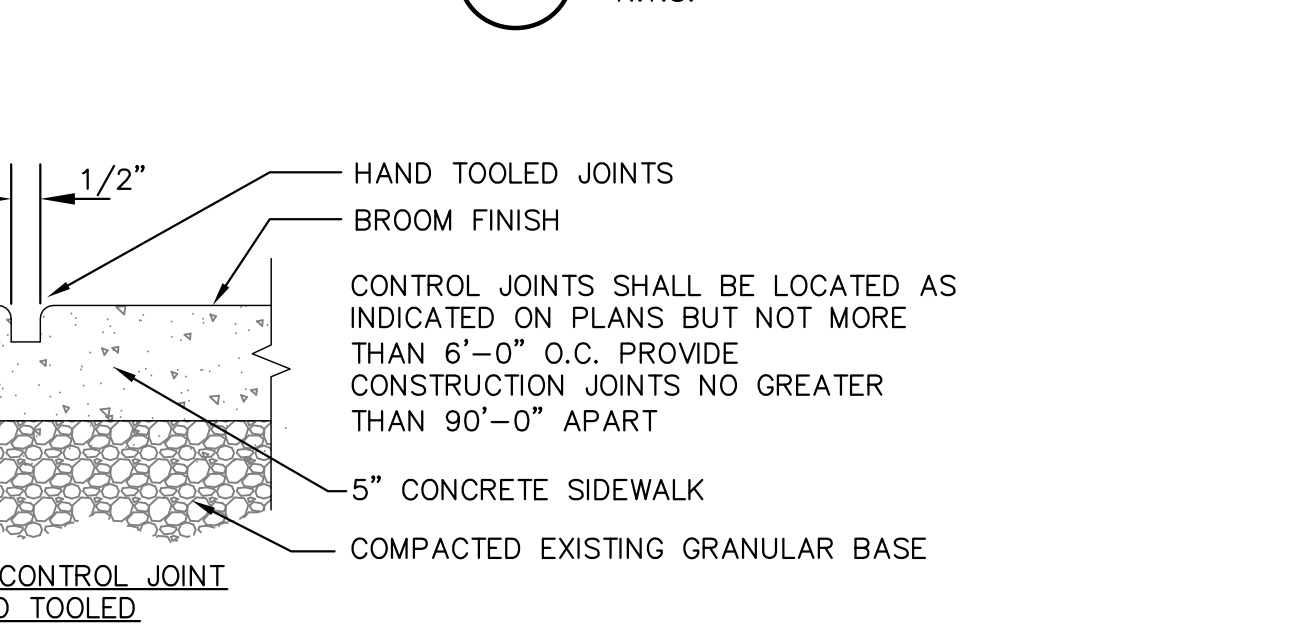
INSPECT ALL EROSION CONTROL MEASURES PRIOR TO COMMENCING GRADING, GRUBBING OR OTHER LAND DISTURBING ACTIVITIES. EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF EVERY PRECIPITATION EVENT OF 0.50 INCH OR GREATER. IN ADDITION THE CONTRACTOR SHALL CONDUCT DAILY INSPECTIONS AND DOCUMENT CONDITIONS AND REPAIRS MADE, ALONG WITH DATE, TIME OF INSPECTION AND WEATHER CONDITIONS IN A DAILY LOG BOOK. THE DAILY LOG BOOK, WEEKLY/0.50 INCH PRECIPITATION REPORTS, APPROVED PAL WRITES PERMIT & CHAPTER 30 PERMIT SHALL BE KEPT IN AN ACCESSIBLE LOCATION, LIKE A MAILBOX, WITHIN THE STAGING AREA.

AT ABSOLUTELY NO TIME MAY CONSTRUCTION EQUIPMENT, DEBRIS, FILL, ETC. BE PLACED WITHIN WETLANDS, WATERWAYS OR FLOODPLAINS UNLESS IDENTIFIED IN THE PLANS & APPROVED BY DNR/USACE.

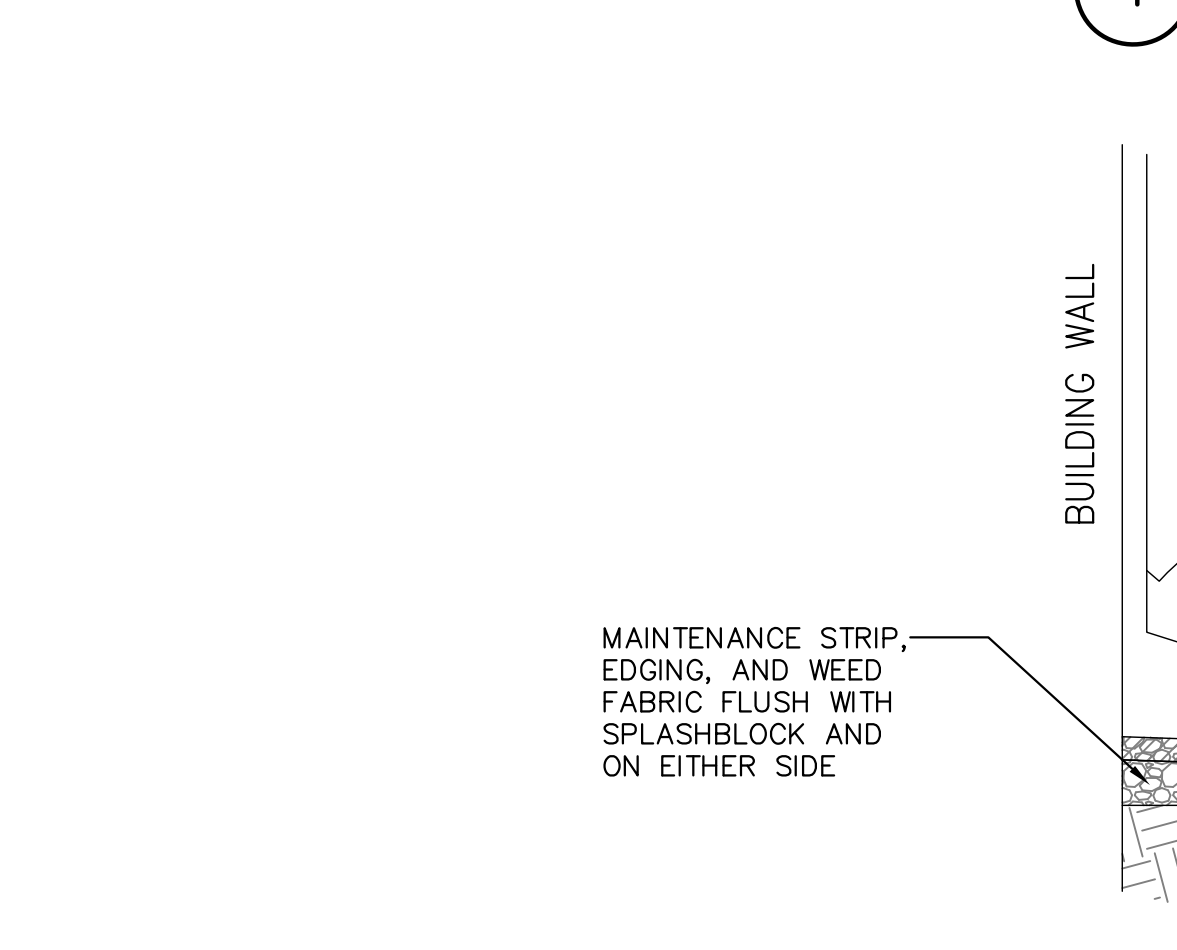
2 ASPHALTIC CONCRETE PAVEMENT



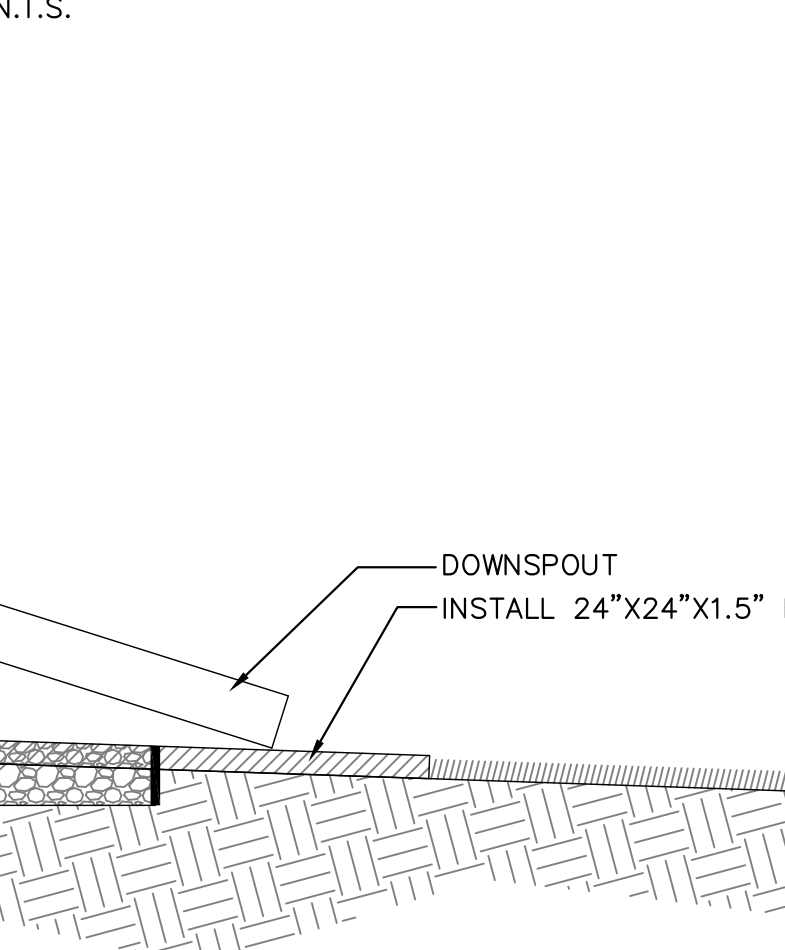
3 CONCRETE SIDEWALK/SLAB



4 CONTROL JOINT DETAILS (TYP.)



5 DOWNSPOUT FLAGSTONE SPLASHBLOCK



THRIVE ARCHITECTS

Architect
259 South Street, Suite A
Waukesha, WI 53186
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e: jdb@thrive-architects.com

Project Info. —2018—
WAUKESHA FIRE STATION #4
RENOVATIONS & ADDITION
1700 Northview Road,
Waukesha, WI 53188

Sheet Title

SITE DETAILS

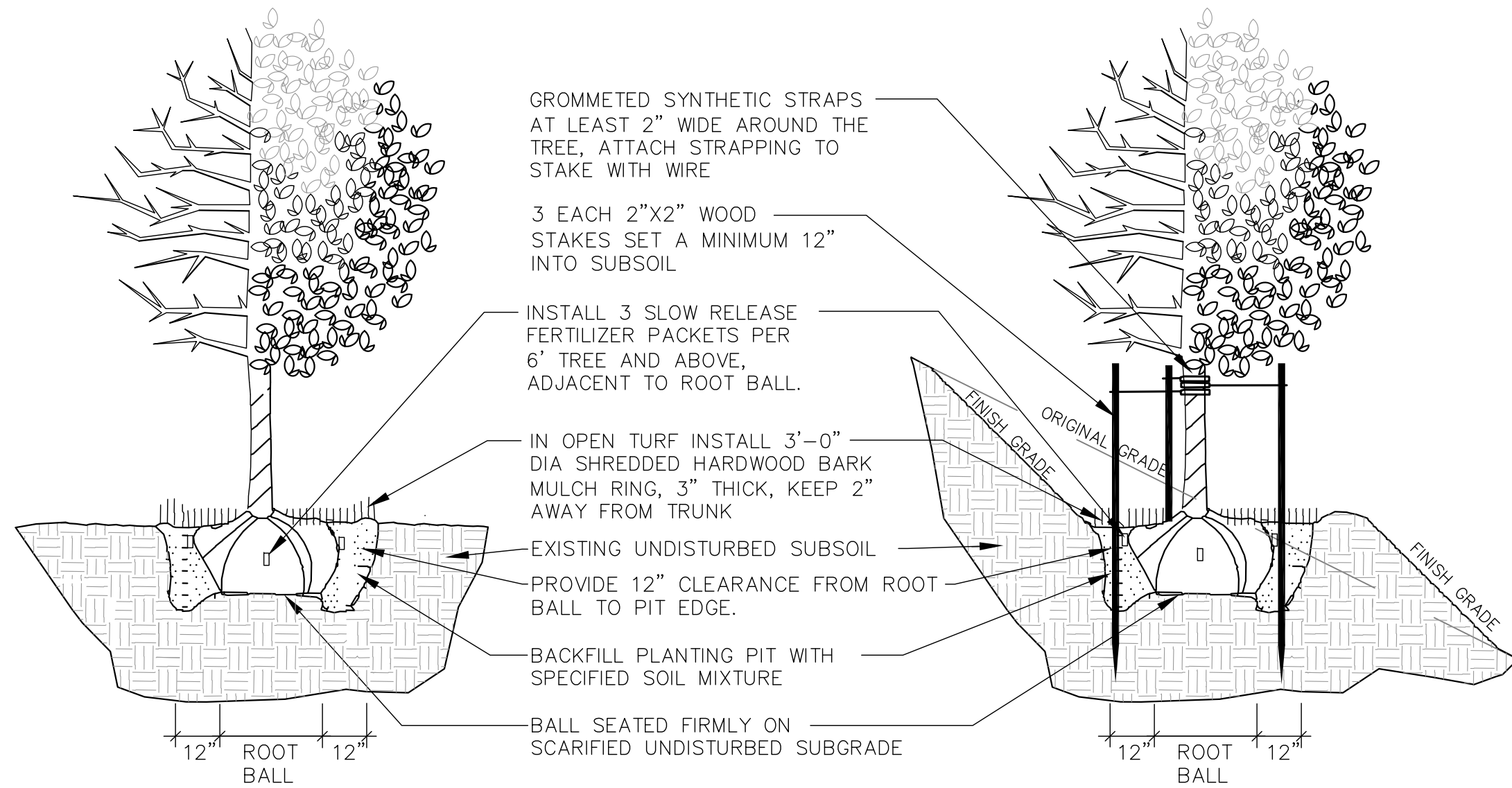
Revisions

No.	Date	Description
	12-28-20	P.C. Submittal

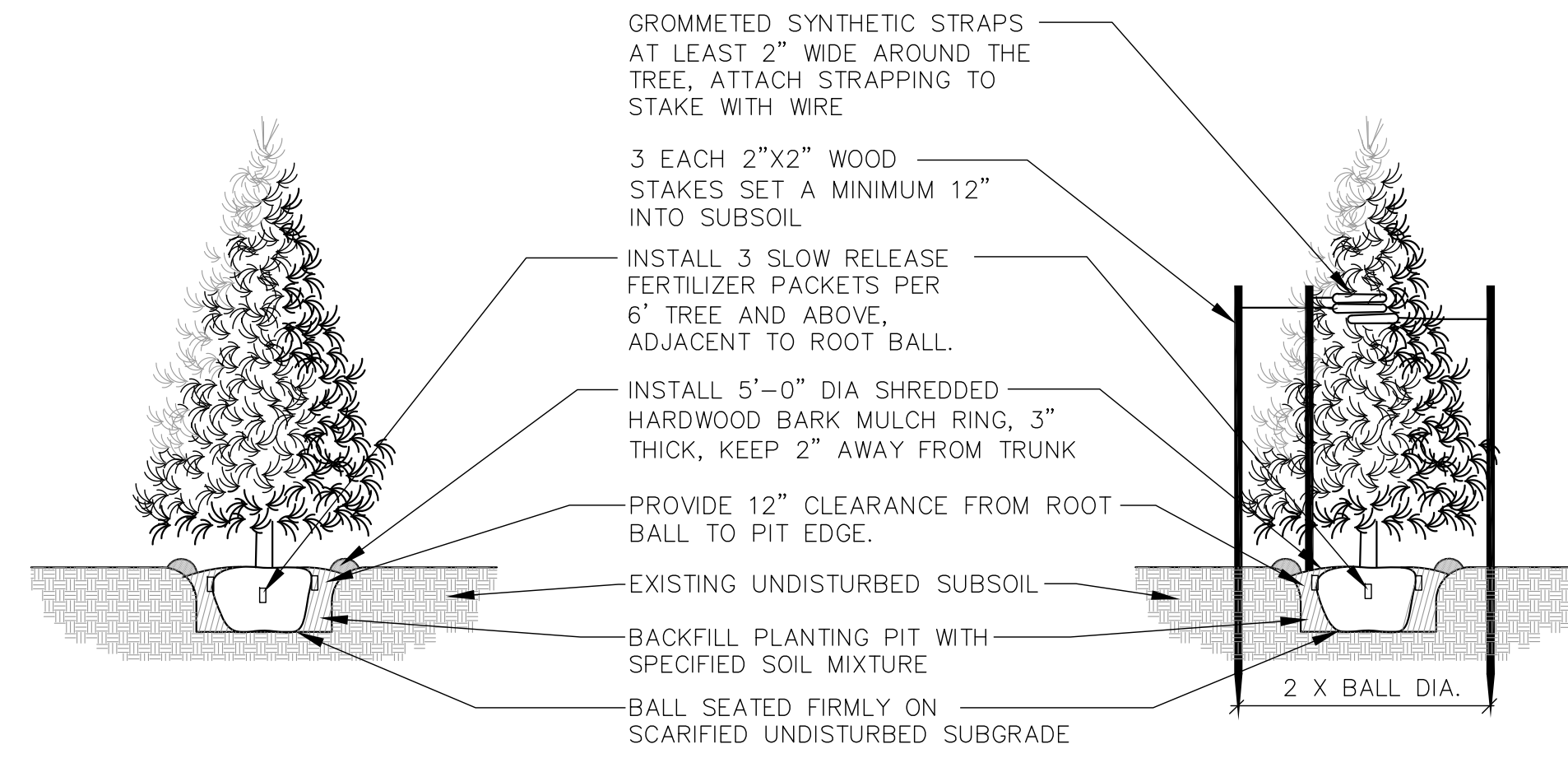
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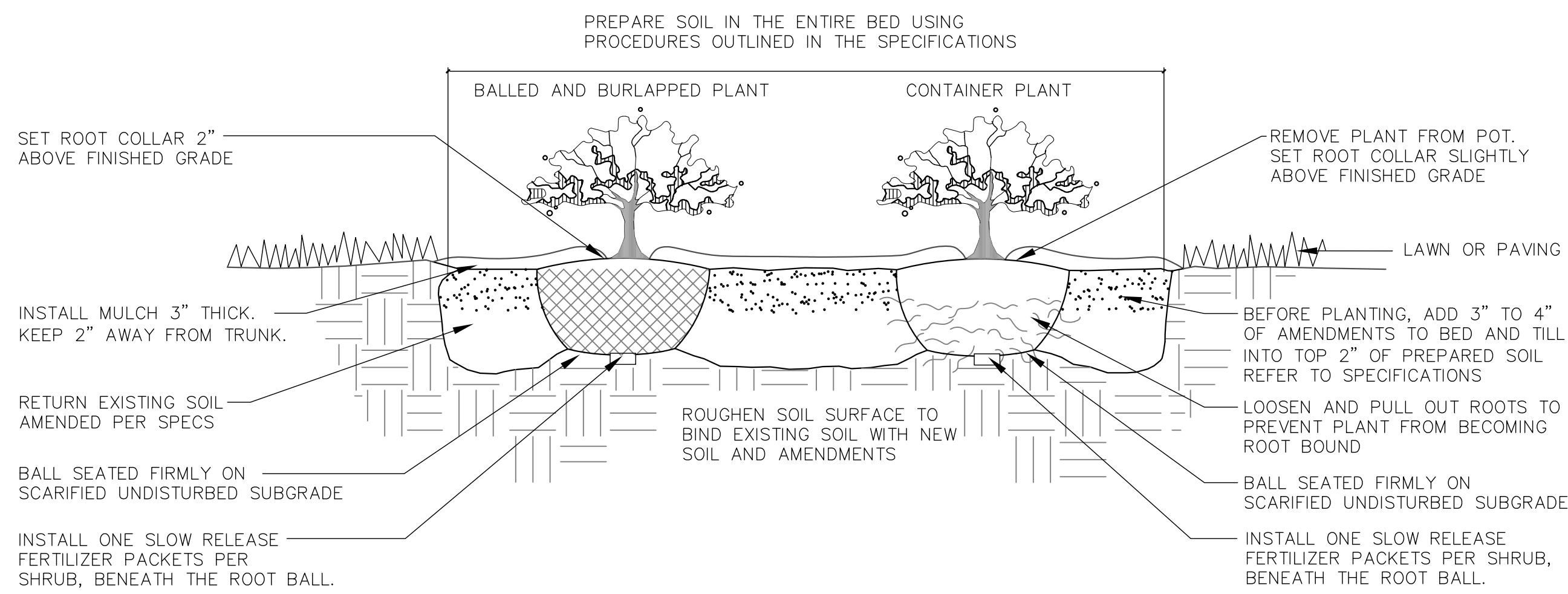
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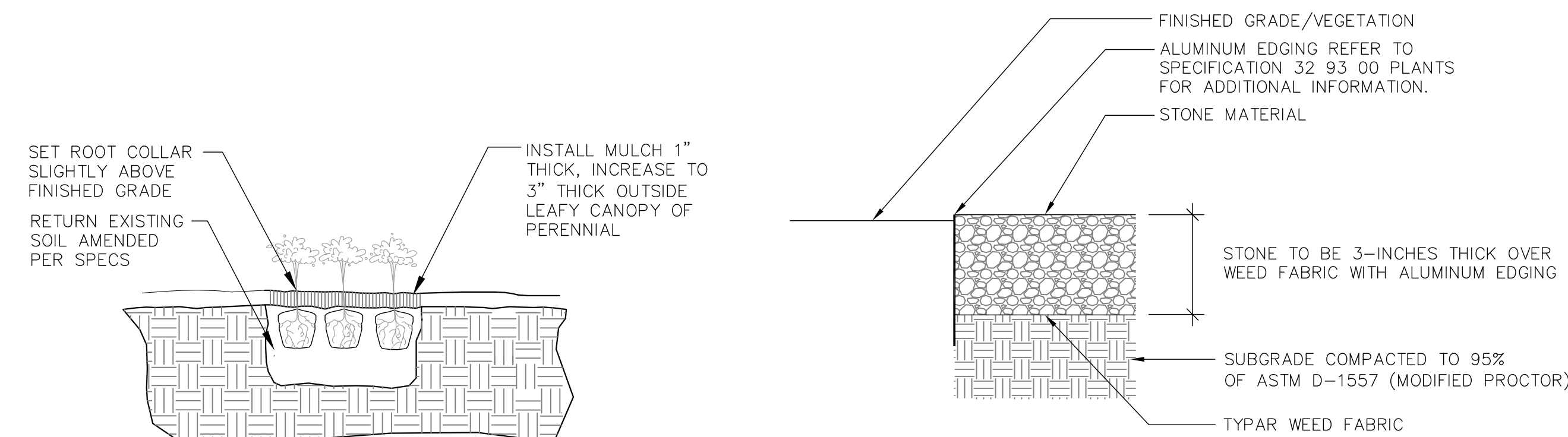
6 DECIDUOUS TREE PLANTING, STAKING, & PLANTING ON A SLOPE
 N.T.S.



7 EVERGREEN TREE PLANTING & STAKING
 N.T.S.



8 DECIDUOUS & EVERGREEN SHRUB PLANTING
 N.T.S.



9 PERENNIAL PLANTING
 N.T.S.

10 STONE MAINTENANCE STRIP
 N.T.S.

- ALL PLANT MATERIAL SHALL BE OBTAINED FROM A NURSERY LOCATED IN ZONE 5, CONFORM TO APPLICABLE REQUIREMENTS OF THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AND BOTANICAL NAMES SHALL BE ACCORDING TO THE CURRENT EDITION OF "STANDARDIZED PLANT NAMES PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURE NOMENCLATURE.
- CONTRACTOR TO PROVIDE TO THE LANDSCAPE ARCHITECT SAMPLES OF ALL BARK AND MINERAL/STONE MULCHES, DECORATIVE GRAVELS, MAINTENANCE STRIP STONE, OR OTHER GROUND COVER MATERIALS FOR APPROVAL PRIOR TO INSTALLATION.
- BARK MULCH TO BE FRESHLY ACQUIRED HARDWOOD SHREDDED BARK MULCH. NOT DOUBLE MILLED, EXCESSIVE DIRT AND DUST LIKE MATERIAL OR OLD MATERIAL IS NOT ACCEPTABLE.
- LANDSCAPE EDGING TO BE ALUMINUM EDGING. REFER TO SPECIFICATION 32 93 00 PLANTS FOR ADDITIONAL INFORMATION.
- ALL PLANTING AREAS TO RECEIVE A 3-INCH THICK LAYER OF HARDWOOD SHREDDED BARK MULCH OVER TYPAR WEED FABRIC WITH EDGING. EDGING TO BE INSTALLED BETWEEN DIFFERENT TYPES OF MULCHES, BETWEEN MULCHES AND TURF, AND/OR WHERE SPECIFICALLY NOTED ON THE PLAN. REFER TO SPECIFICATION 32 93 00 PLANTS FOR ADDITIONAL INFORMATION.
- INSTALL SHOVEL CUT EDGE AROUND ALL INDIVIDUAL TREES AND SHRUBS IN LAWN AREAS AND ALONG PAVEMENT WHERE PLANTING AREAS ABUT TO PREVENT HARDWOOD SHREDDED BARK MULCH FROM SPILLING OUT OF PLANTING AREA.
- CONTRACTOR RESPONSIBLE FOR MAINTENANCE OF PLANT MATERIAL FOR 90 DAYS FROM INSTALLATION, INCLUDING WATERING, WEEDING, ETC. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF SEEDING AREAS FOR 60 DAYS FROM INSTALLATION, INCLUDING WATERING, WEEDING, ETC. CONTRACTOR TO PROVIDE AND REVIEW MAINTENANCE INSTRUCTIONS WITH THE OWNER PRIOR TO THE COMPLETION OF THESE MAINTENANCE PERIODS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- CLEANLY PRUNE AND REMOVE DAMAGED BRANCHES, DEAD WOOD, AND ROOTS IMMEDIATELY PRIOR TO PLANTING. DO NOT CUT LEADERS OR LEAVE "V" CROTCHES OR DOUBLE LEADERS UNLESS A MULTI-STEM TREE IS SPECIFIED.
- REMOVE BURLAP, WIRE BASKET, ROPE, TWINE, AND ALL SYNTHETIC MATERIAL FROM THE ROOTS, TRUNK, OR CROWN OF PLANT.
- REMOVE EXCESS SOIL ABOVE ROOT COLLAR.
- PLANT TREES AND SHRUBS SO THAT THE ROOT COLLAR IS 2" ABOVE FINISHED GRADE OR SEVERAL INCHES ABOVE GRADE IF PLANT IS INSTALLED IN POOR SOILS.
- PLANT TREES AND SHRUBS WITH SAME ORIENTATION AS WHEN HARVESTED FROM THE NURSERY OR TO SHOWCASE THE MOST AESTHETIC VIEW.
- PLANT ALL TREES WITH THREE SLOW RELEASE FERTILIZER PACKETS, SPACED EQUIDISTANT AROUND THE EDGE OF THE ROOT BALL.
- PLANT ALL SHRUBS WITH ONE SLOW RELEASE FERTILIZER PACKET, PLACED BELOW THE ROOTING SYSTEM.
- WATER AND TAMP BACKFILL AND ROOTS OF ALL NEWLY SET PLANT MATERIAL SO THE SOIL AND ROOTS ARE THOROUGHLY SOAKED AND AIR POCKETS ARE REMOVED.
- FOR INDIVIDUAL TREES & SHRUBS PLANTED IN TURF AREAS, PROVIDE CONTINUOUS 3" SOIL SAUCER TO CONTAIN WATER & MULCH (TREES ON SLOPES SHALL BE SAUCERED ON THE DOWNHILL SIDE)
- INSTALL 3" THICK SHREDDED HARDWOOD BARK MULCH RING 3'-0" DIA. FOR DECIDUOUS TREES AND ALL INDIVIDUAL SHRUBS IN LAWN AREAS, 5'-0" DIA. FOR EVERGREEN TREES. KEEP MULCH 2" AWAY FROM TRUNKS.
- STAKING - ONLY STAKE EVERGREEN TREES 5'-0" OR GREATER IN HEIGHT OR TREES THAT ARE UNABLE TO REMAIN UPRIGHT AFTER PLANTING. TREES WILL BECOME STRONGER FASTER WHEN THE TOP 2/3 OF THE TREE IS FREE TO SWAY. DO NOT ATTACH WIRE DIRECTLY TO TREES OR THROUGH HOSES - UTILIZE GROMMETED, SYNTHETIC STRAPS AT LEAST 2" WIDE AROUND THE TREE, ATTACH STRAPPING TO STAKE WITH WIRE. STAKE ONLY WHEN NECESSARY. STAKES SHOULD BE DRIVEN DEEPLY INTO THE GROUND TO PREVENT DISLODGING. CHECK AT LEAST EVERY THREE MONTHS FOR BINDING OR OTHER PROBLEMS. STAKES AND TIES SHOULD BE REMOVED SIX MONTHS TO ONE YEAR AFTER PLANTING.
- STONE CHIP MAINTENANCE STRIP TO BE 3-INCHES DEEP OVER WEED FABRIC WITH ALUMINUM EDGING. CONTRACTOR TO INSTALL MAINTENANCE STRIP 1-FOOT WIDE ALONG BUILDING EDGE, WHERE INDICATED ON SITE PLAN.
- STONE CHIP TO BE #2 WASHED STONE.
- NO MOW TO BE NO MOW FESCUE SEED MIX WITH ANNUAL RYE NURSE CROP FROM PRAIRIE NURSERY, INC. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. PRAIRIE NURSERY ADDRESS: PO BOX 306 WESTFIELD, WI 53964. TELEPHONE: 1-800-476-9453 FAX: 608-296-2741.
- REFER TO SPECIFICATIONS 32 93 00 PLANTS AND 32 92 00 TURF AND GRASSES FOR ADDITIONAL INFORMATION.

11 LANDSCAPE NOTES
 REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

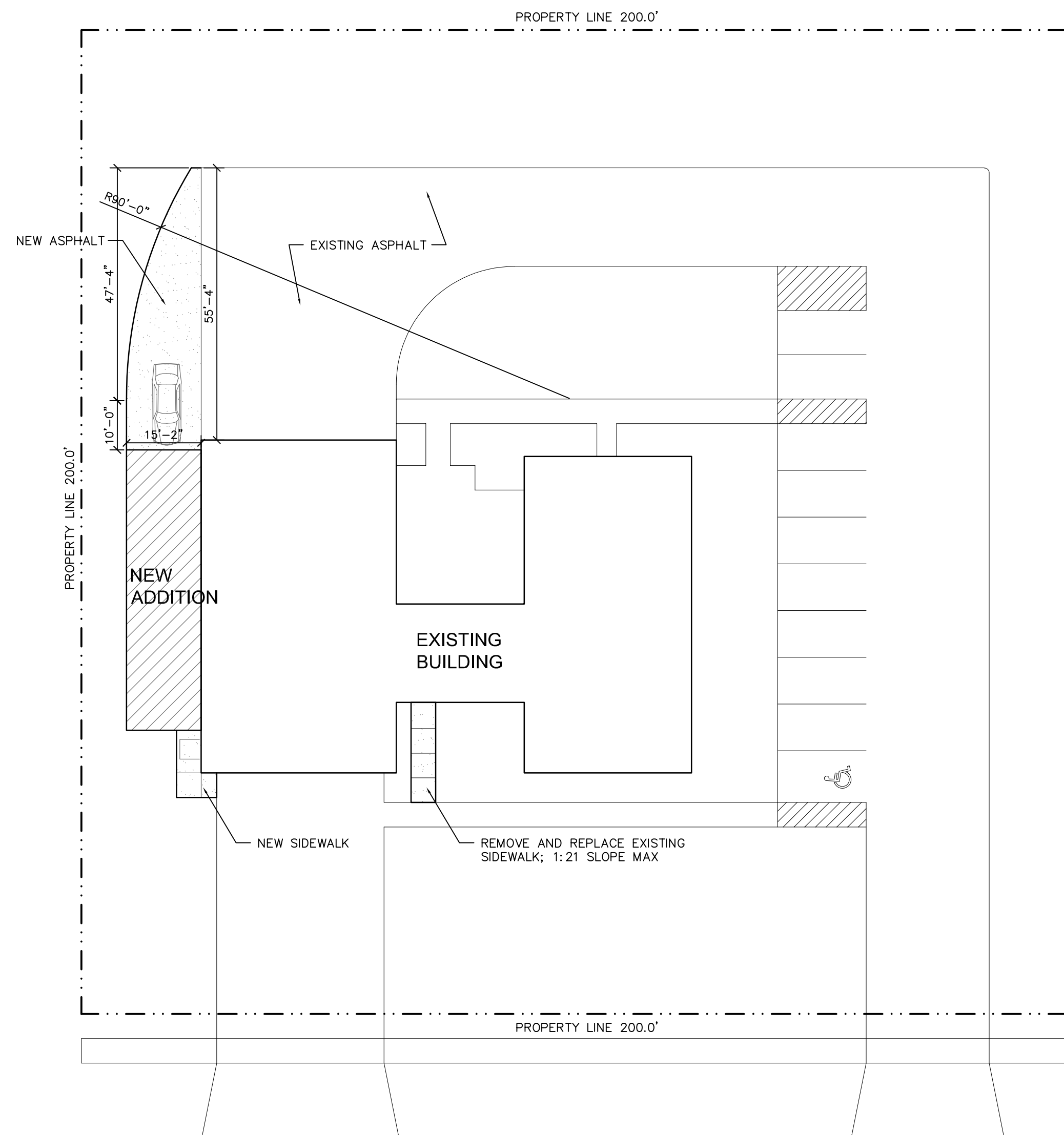
Sheet Title
SITE DETAILS

Revisions

No.	Date	Description
	12-28-20	P.C. Submittal

Sheet No.
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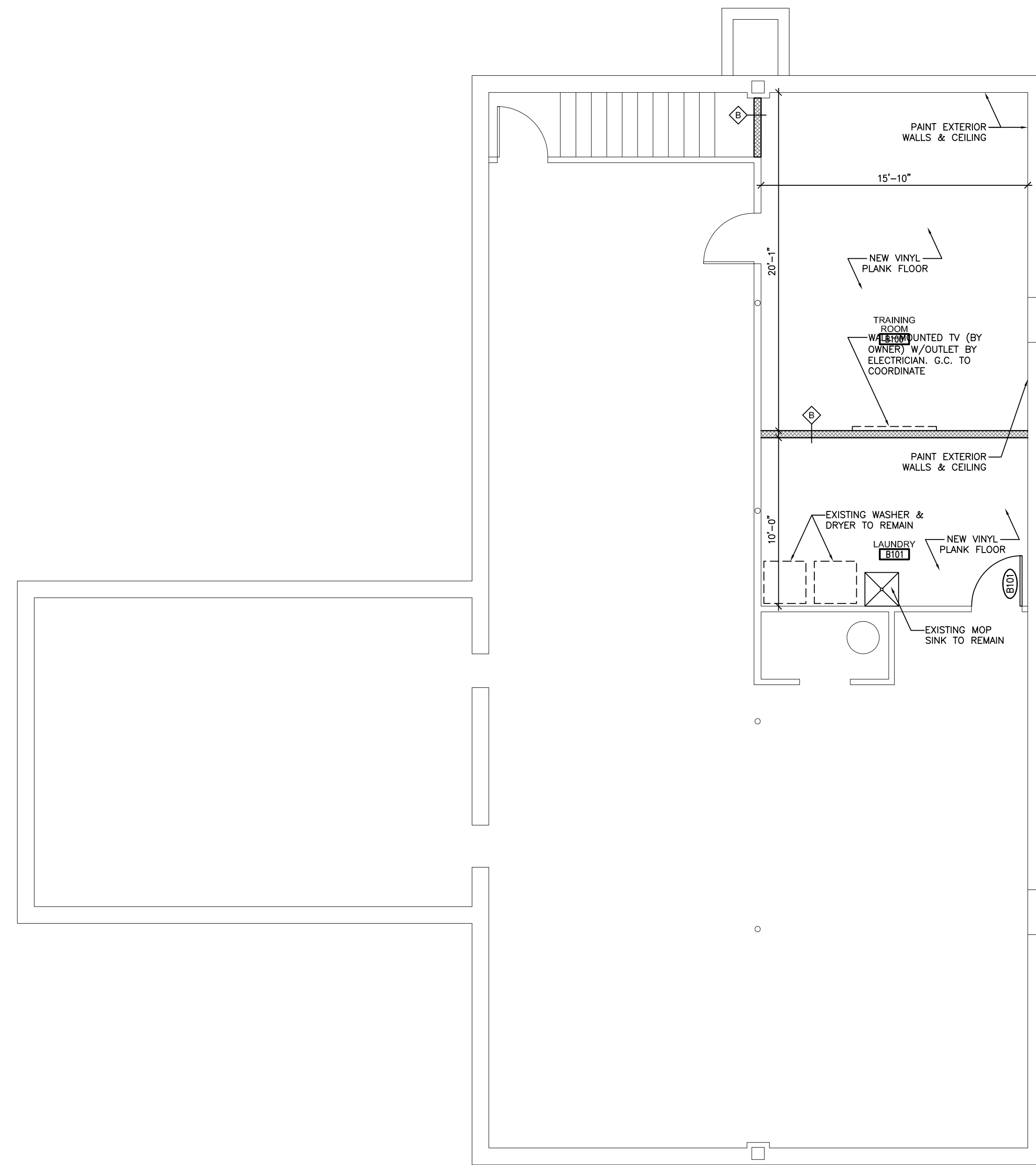
SITE PLAN
 SCALE: 1" = 10'-0" @ 34x22 (1"=20' @ 11x17)

Revisions

No.	Date	Description
1	12-28-20	P.C. Submittal

NOT FOR CONSTRUCTION

**BASEMENT FLOOR
PLAN**



Revisions

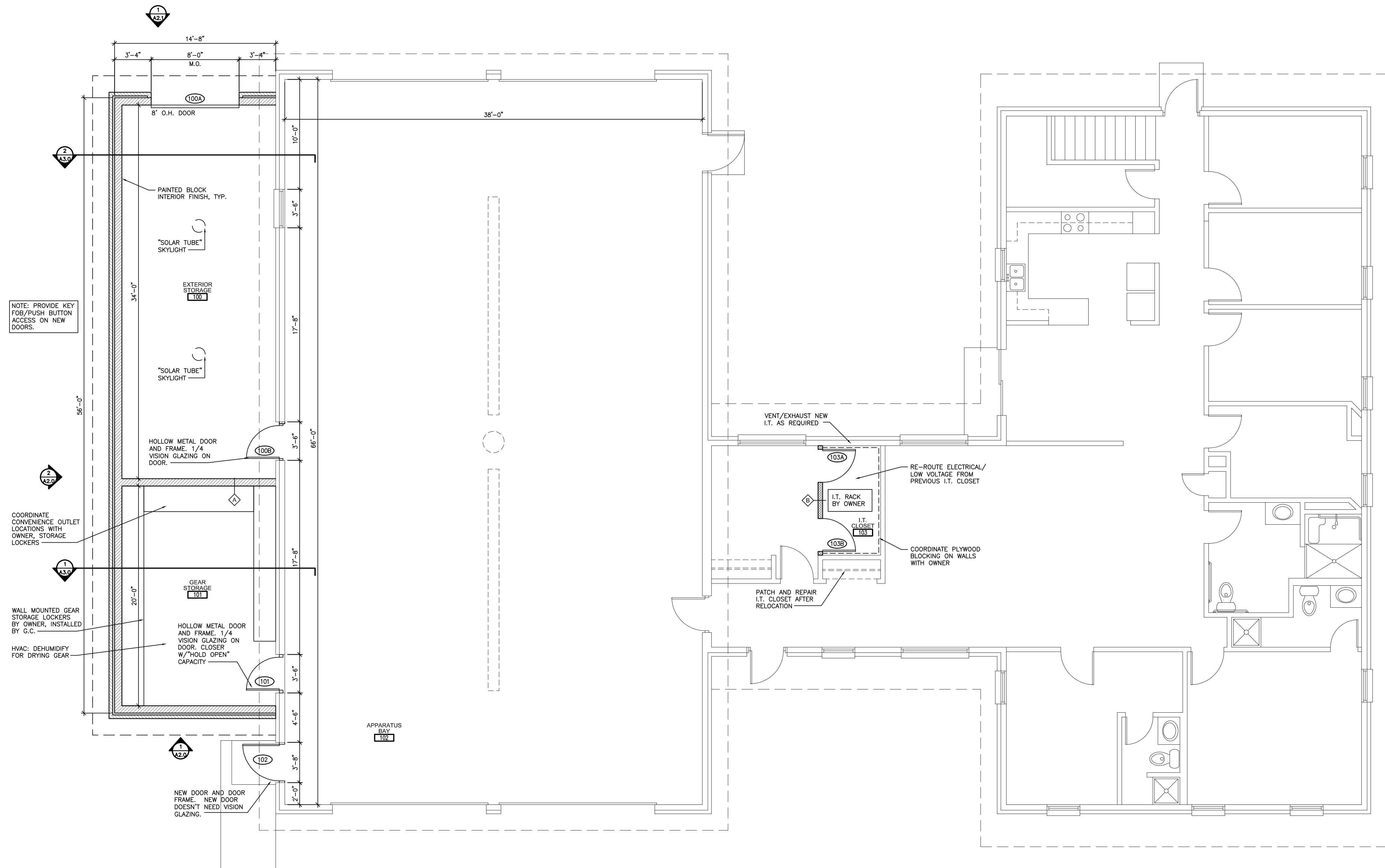
No.	Date	Description
1	12-28-20	P.C. Submittal

NOT FOR CONSTRUCTION

FIRST FLOOR PLAN

Revisions

No.	Date	Description
12-28-20	P.C.	Submittal



NOTE: PROVIDE KEY FOB/PUSH BUTTON ACCESS ON NEW DOORS.

COORDINATE OUTLET LOCATIONS WITH OWNER, STORAGE LOCKERS

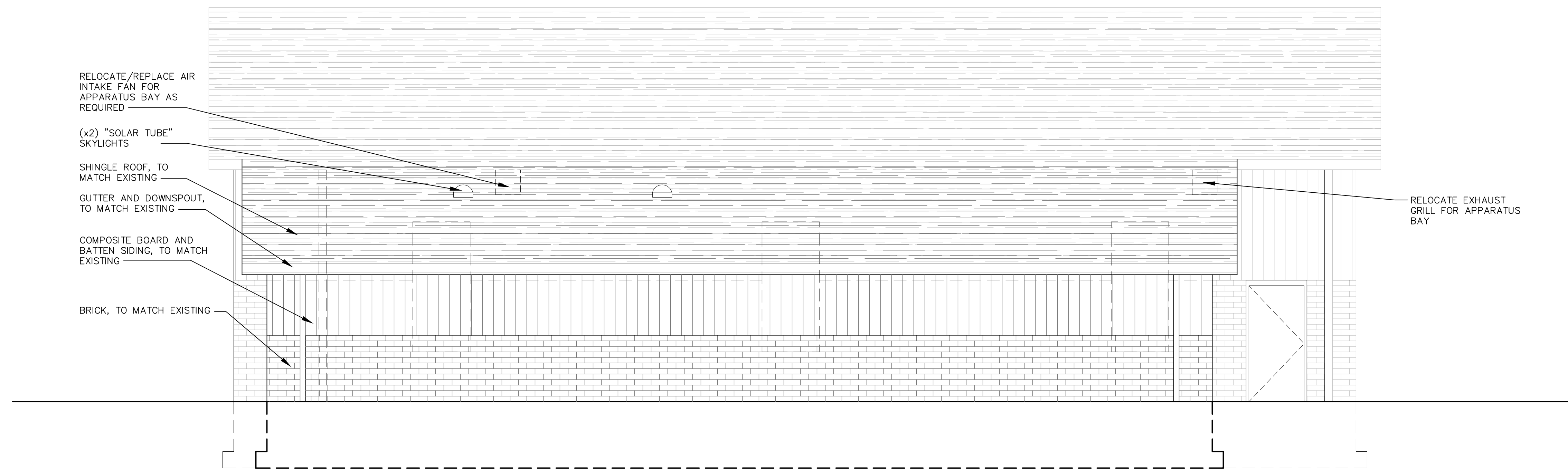
WALL MOUNTED GEAR STORAGE LOCKERS BY OWNER, INSTALLED BY G.C.

HVAC: DEHUMIDIFY FOR DRYING GEAR

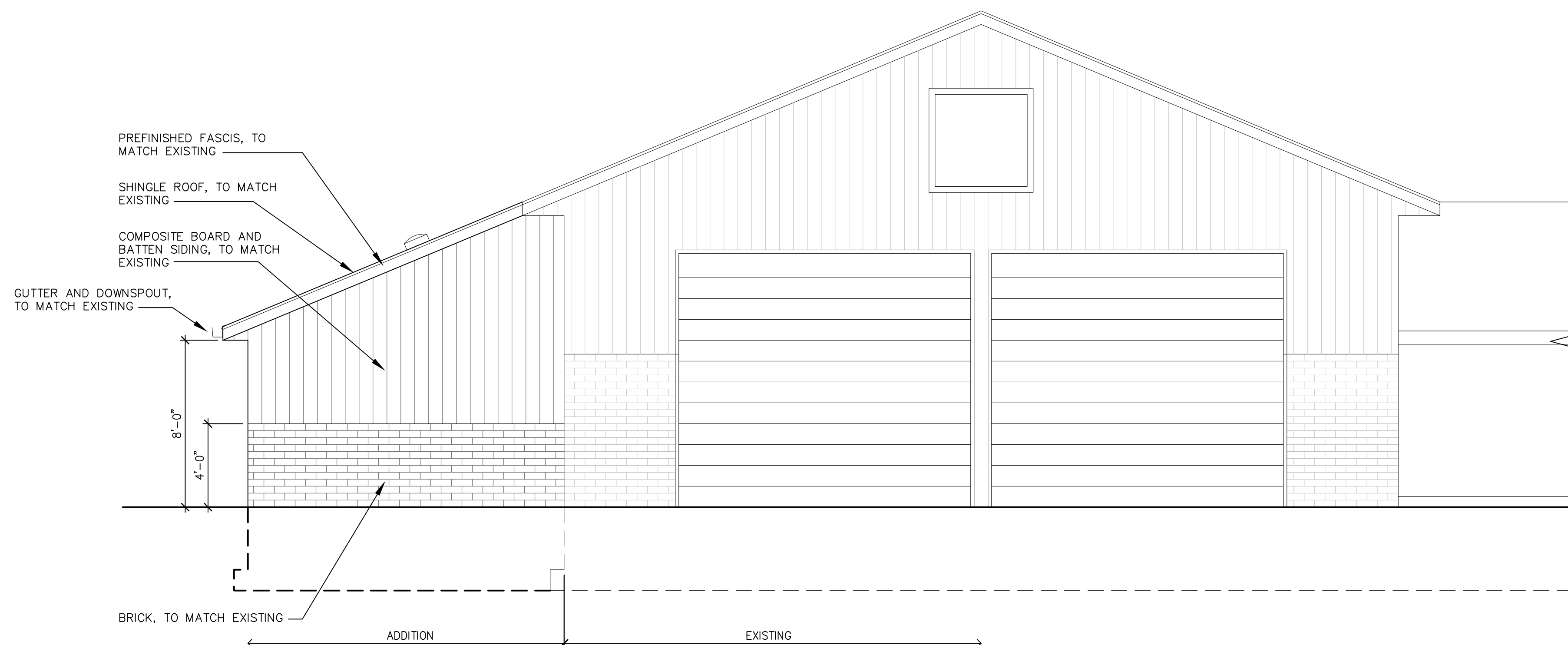
FIRST FLOOR PLAN

SCALE: 3/16" = 1'-0" @ 34x22 (N.T.S.) @ 1/4" = 1'-0"

NOT FOR CONSTRUCTION



WEST ELEVATION
 SCALE: 1/4" = 1'-0" @ 34x22 (1/8" @ 11x17)²



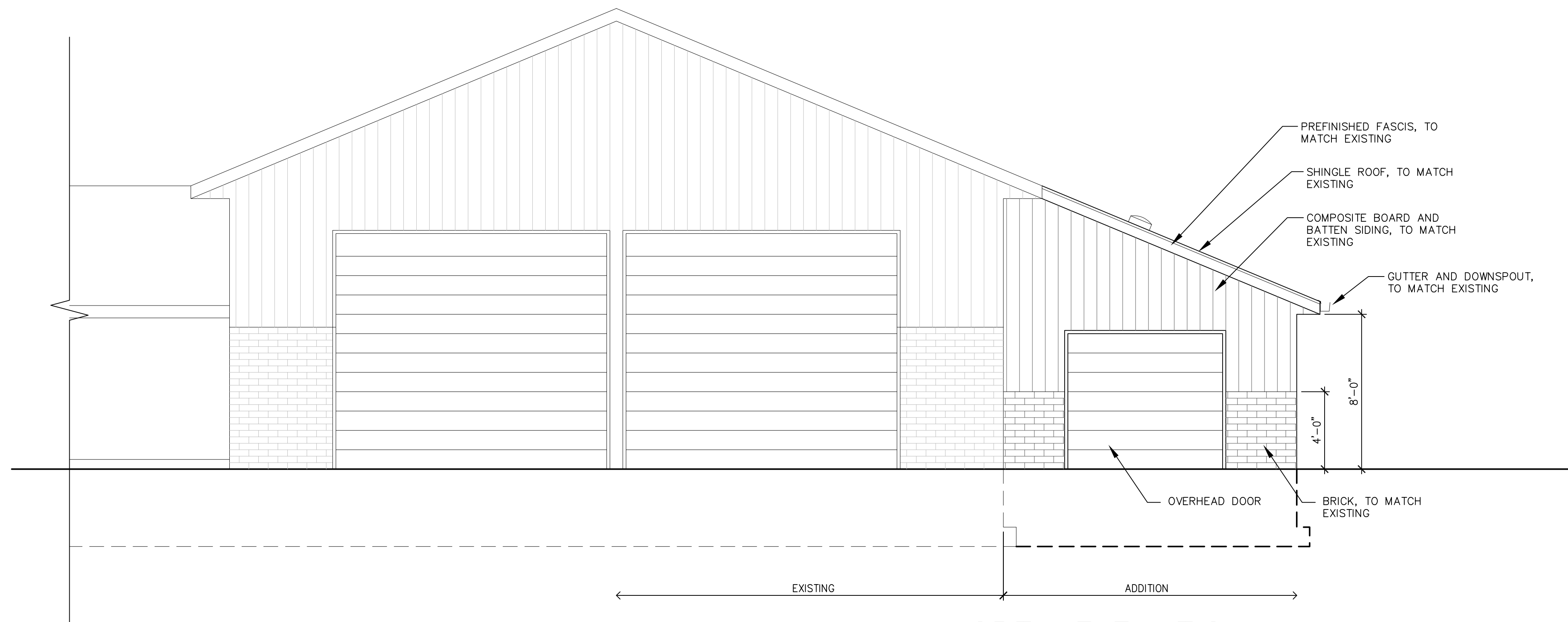
SOUTH ELEVATION
 SCALE: 1/4" = 1'-0" @ 34x22 (1/8" @ 11x17)¹

NOT FOR CONSTRUCTION

Revisions

No.	Date	Description
1	12-28-20	P.C. Submittal

EXTERIOR ELEVATIONS

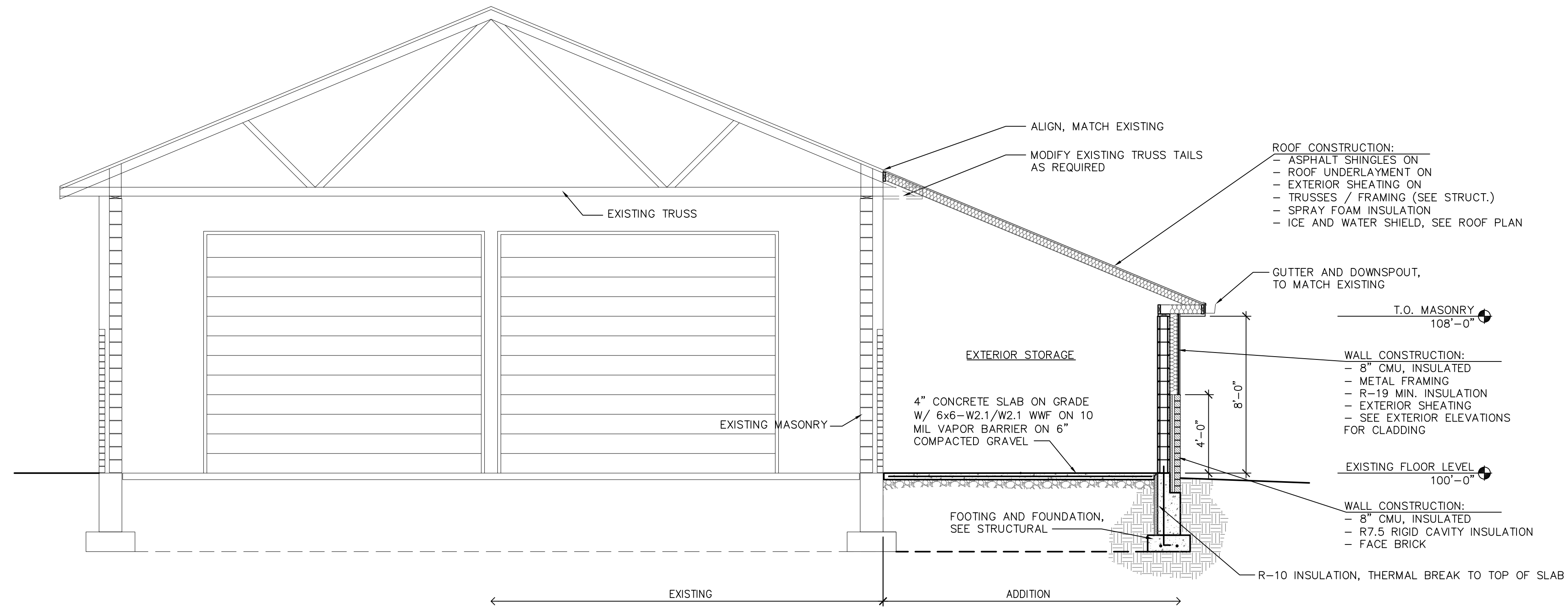


NORTH ELEVATION
SCALE: 1/4" = 1'-0" @ 34x22 (1/8" @ 11x17) 1

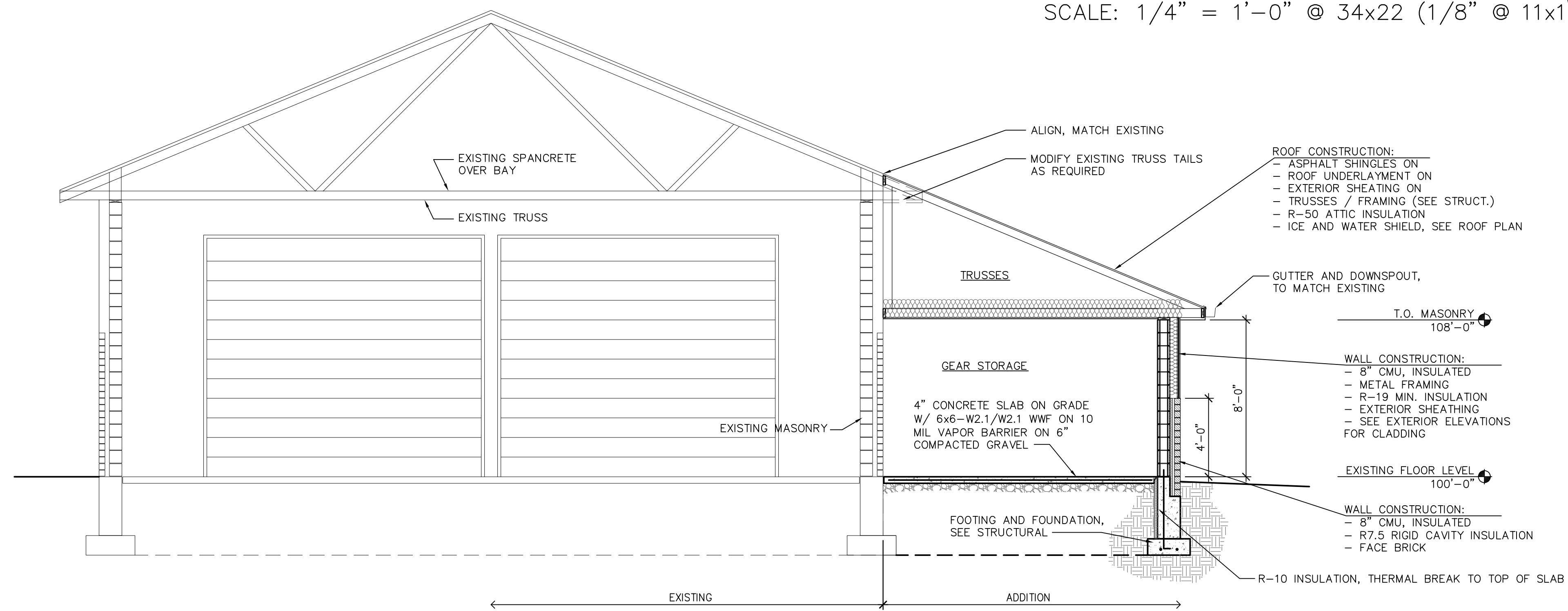
Revisions

No.	Date	Description
12-28-20		P.C. Submittal

NOT FOR CONSTRUCTION



BUILDING SECTION
 SCALE: 1/4" = 1'-0" @ 34x22 (1/8" @ 11x17) 2



BUILDING SECTION
 SCALE: 1/4" = 1'-0" @ 34x22 (1/8" @ 11x17) 1

Sheet Title
BUILDING SECTION

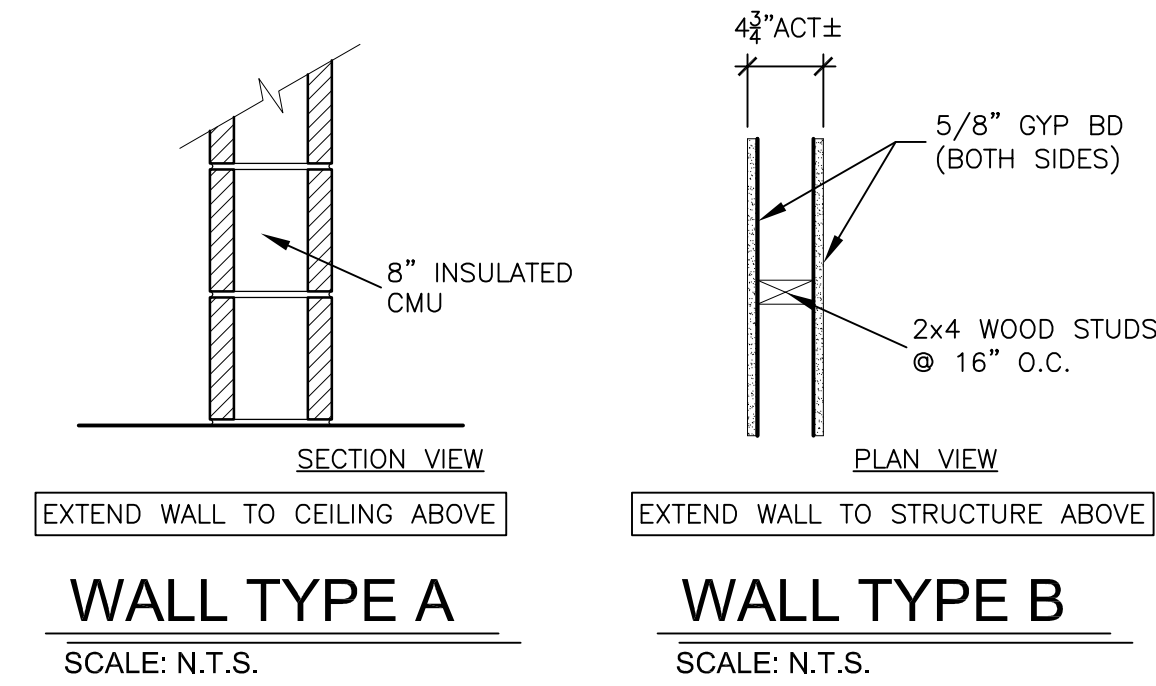
Revisions

No.	Date	Description
	12-28-20	P.C. Submittal

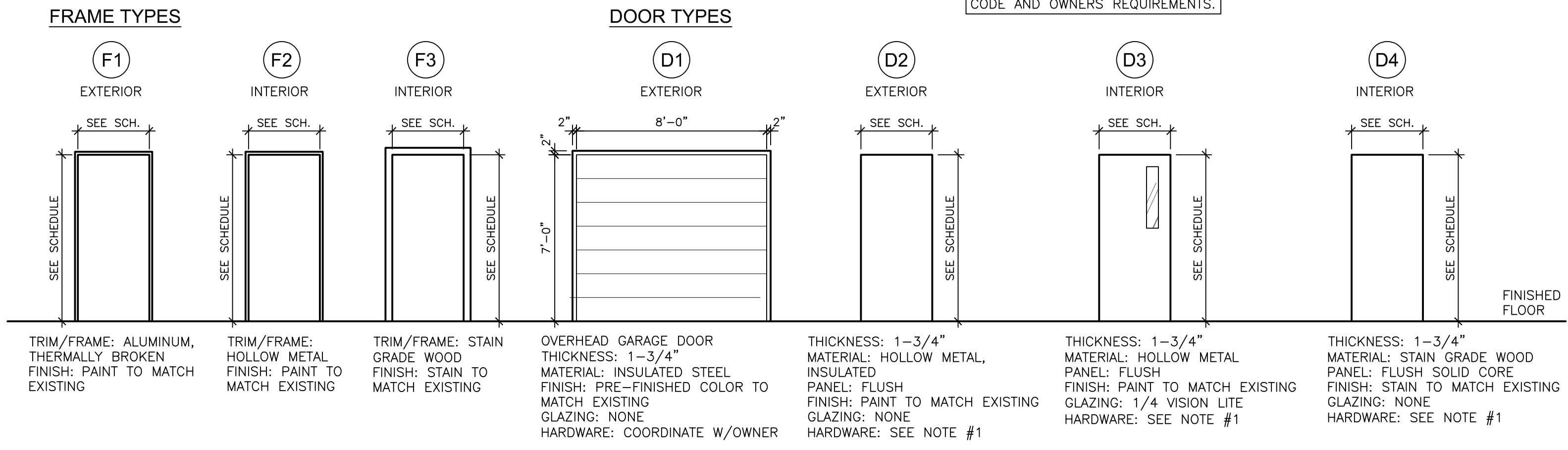
NOT FOR CONSTRUCTION

Sheet No.
A3.0

WALL, DOOR, AND FRAME TYPES



NOTE #1:
ALL SELECTIONS MUST SATISFY
CODE AND OWNERS REQUIREMENTS.



DOOR SCHEDULE									
DOOR NUMBER	ROOM NAME	NO. OF PANELS	SIZE		DOOR TYPE	FRAME TYPE	FIRE RATING	REMARKS	
			WIDTH	HEIGHT					
100A	EXTERIOR STORAGE	1	8'-0"	7'-0"	D1	N/A		OVERHEAD DOOR	
100B	EXTERIOR STORAGE	1	3'-0"	7'-0"	D3	F2			
101	GEAR STORAGE	1	3'-0"	7'-0"	D3	F2		CLOSER WITH "HOLD OPEN" CAPACITY	
102	APPARATUS BAY	1	3'-4"	7'-0"	D2	F1			
103A	I.T. CLOSET	1	3'-0"	7'-0"	D4	F3			
103B	I.T. CLOSET	1	3'-0"	7'-0"	D4	F3			
B101	LAUNDRY	1	3'-0"	7'-0"	D4	F3			

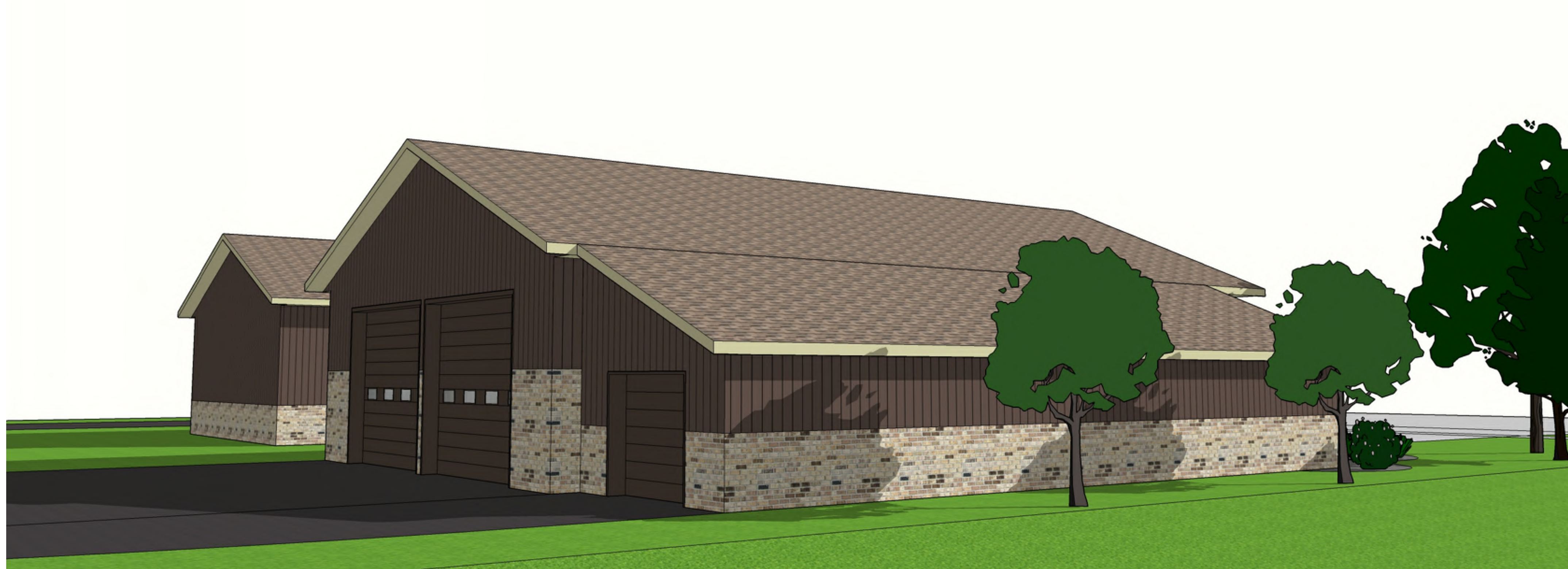
NOTES:
1. DOOR HARDWARE IS NOT SPECIFIED; HARDWARE COORDINATION MEETING WITH OWNER, DOOR SUPPLIER AND G.C. IS REQUIRED.
2. G.C. TO SUPPLY ALL DOOR HARDWARE REQUIRED BY CODE.
3. DOOR HARDWARE SHALL COMPLY WITH ICC/ANSI A117.1 SEC 404.2.6 - HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OR THE WRIST. THE HARDWARE SHALL BE PLACED AT LEAST 34 INCHES, BUT NOT MORE THAN 48 INCHES ABOVE THE FLOOR SURFACE.

Revisions		
No.	Date	Description
	12-28-20	P.C. Submittal

NOT FOR CONSTRUCTION

No.	Date	Description
	12-28-20	P.C. Submittal

NOT FOR CONSTRUCTION



NORTHWEST PERSPECTIVE 2
SCALE: N.T.S.



SOUTHWEST PERSPECTIVE 1
SCALE: N.T.S.