

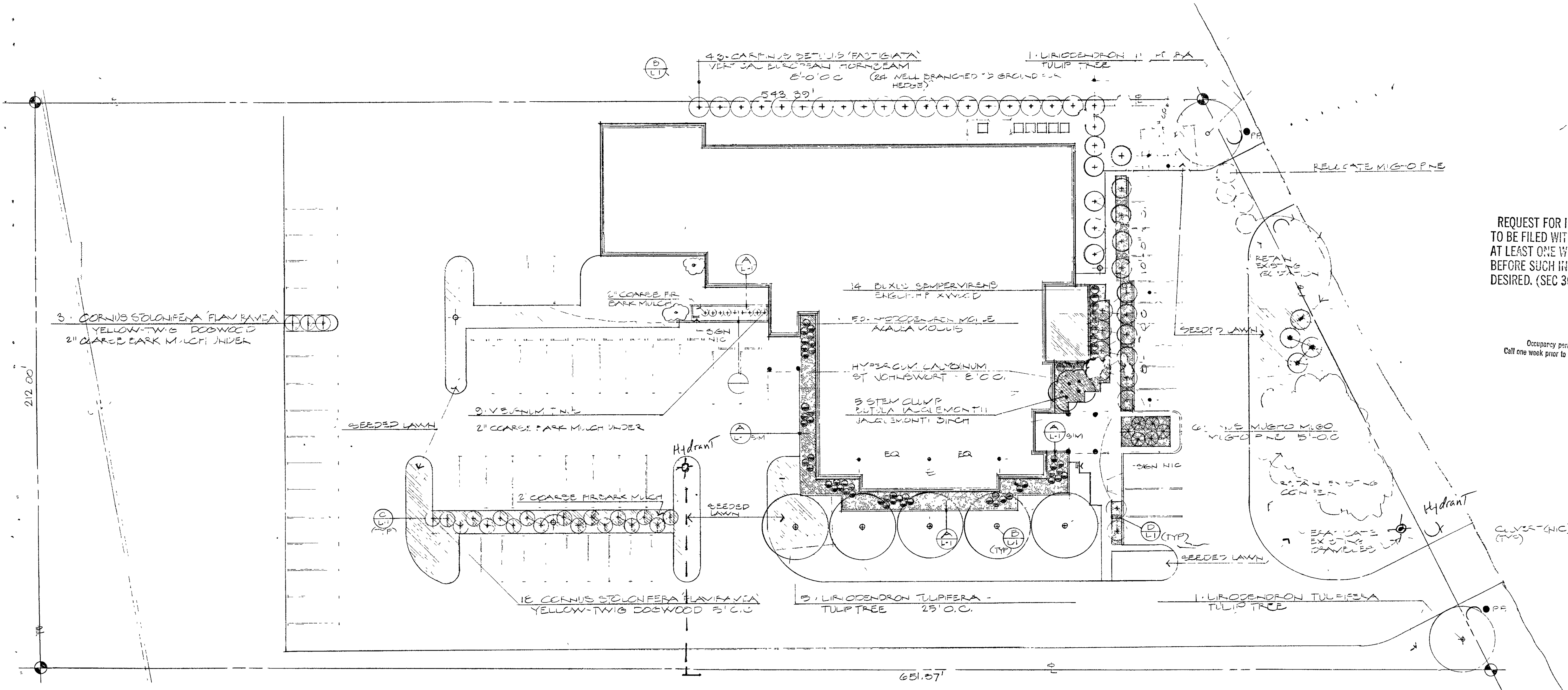
REQUEST FOR INSPECTION IS TO BE FILED WITH OUR OFFICE AT LEAST ONE WORKING DAY BEFORE SUCH INSPECTION IS DESIRED. (SEC 305(b) UBC)

Occupancy permit required - Call one week prior to desired occupancy date

LEGEND



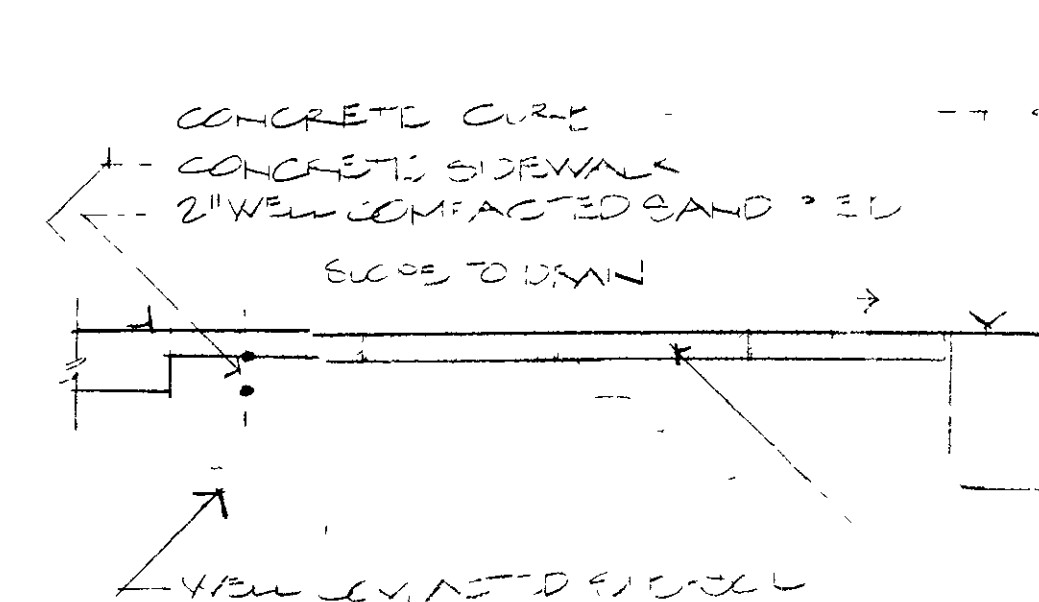
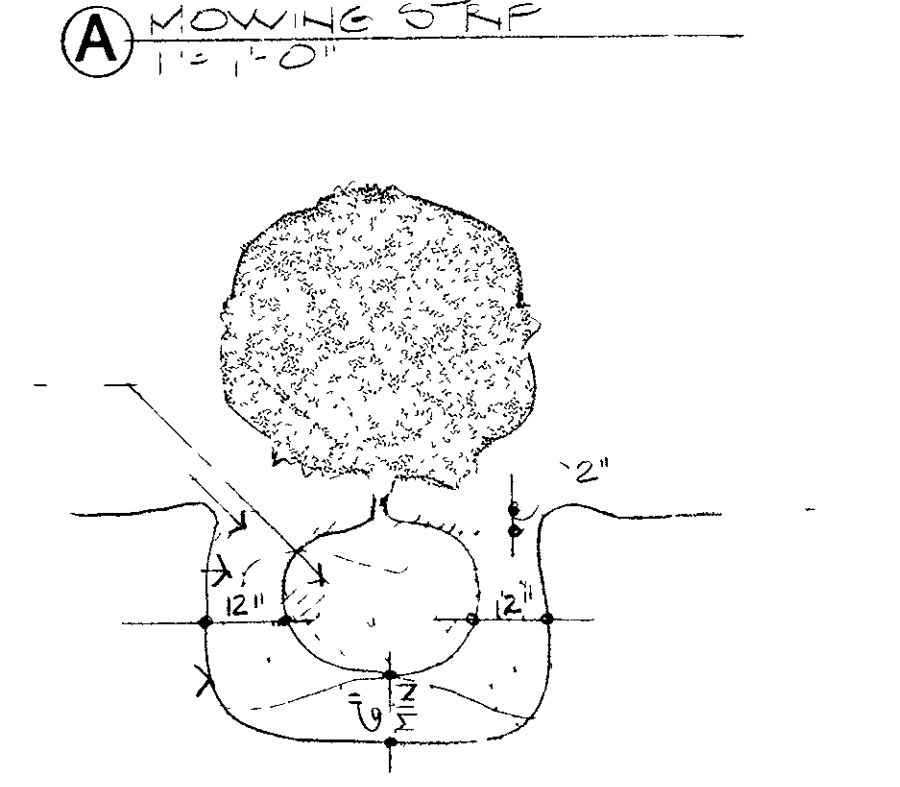
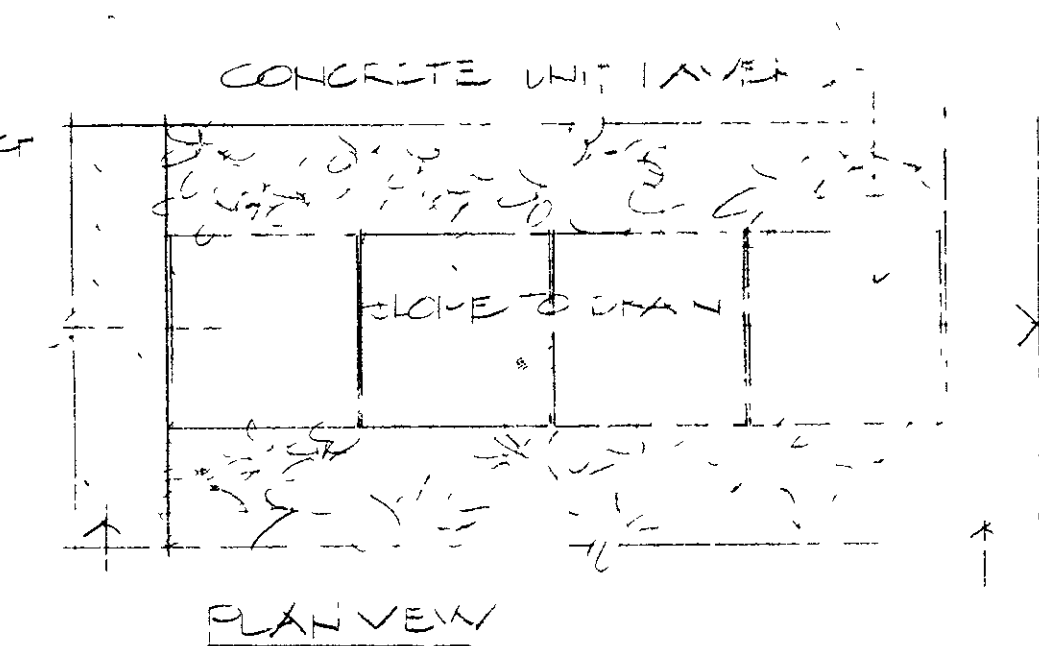
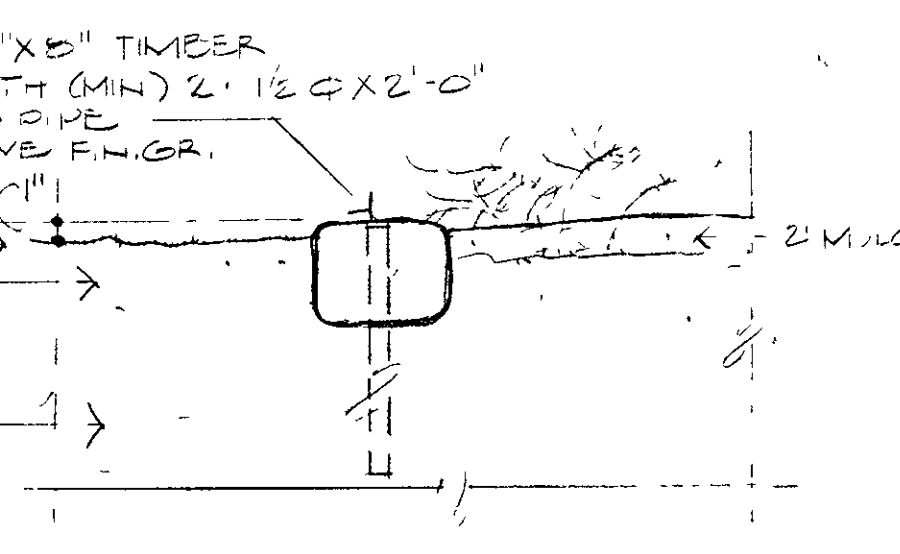
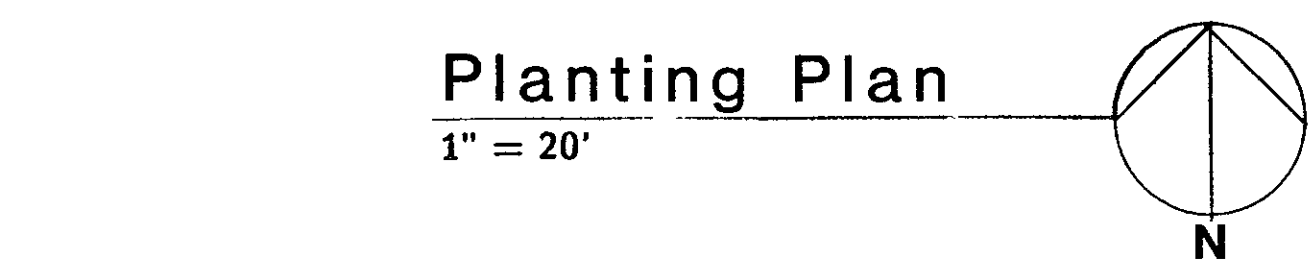
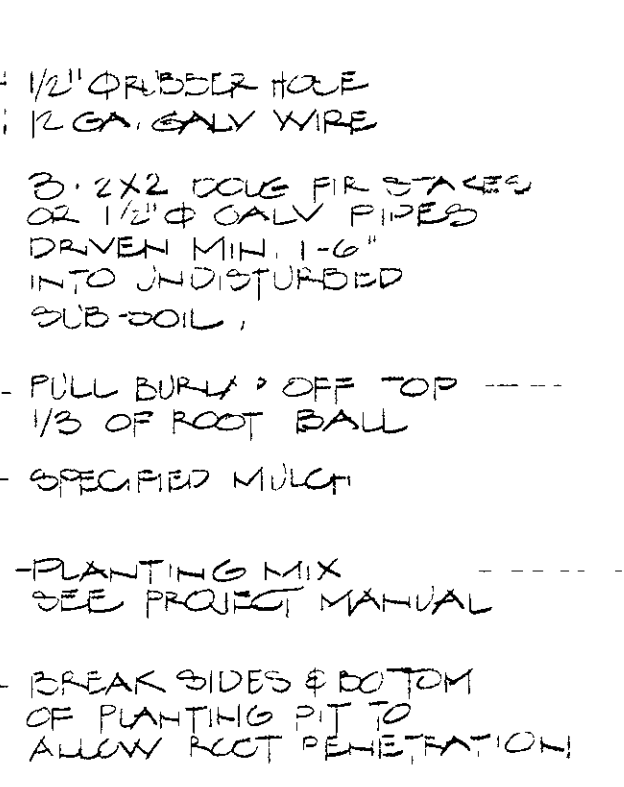
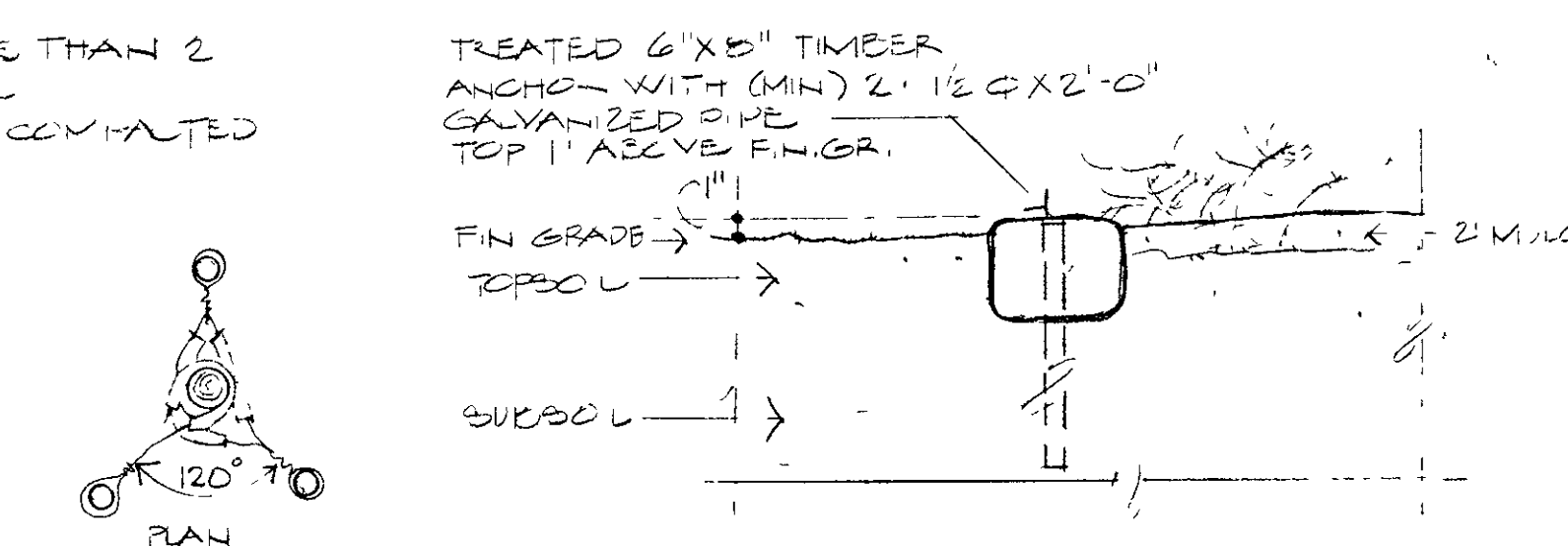
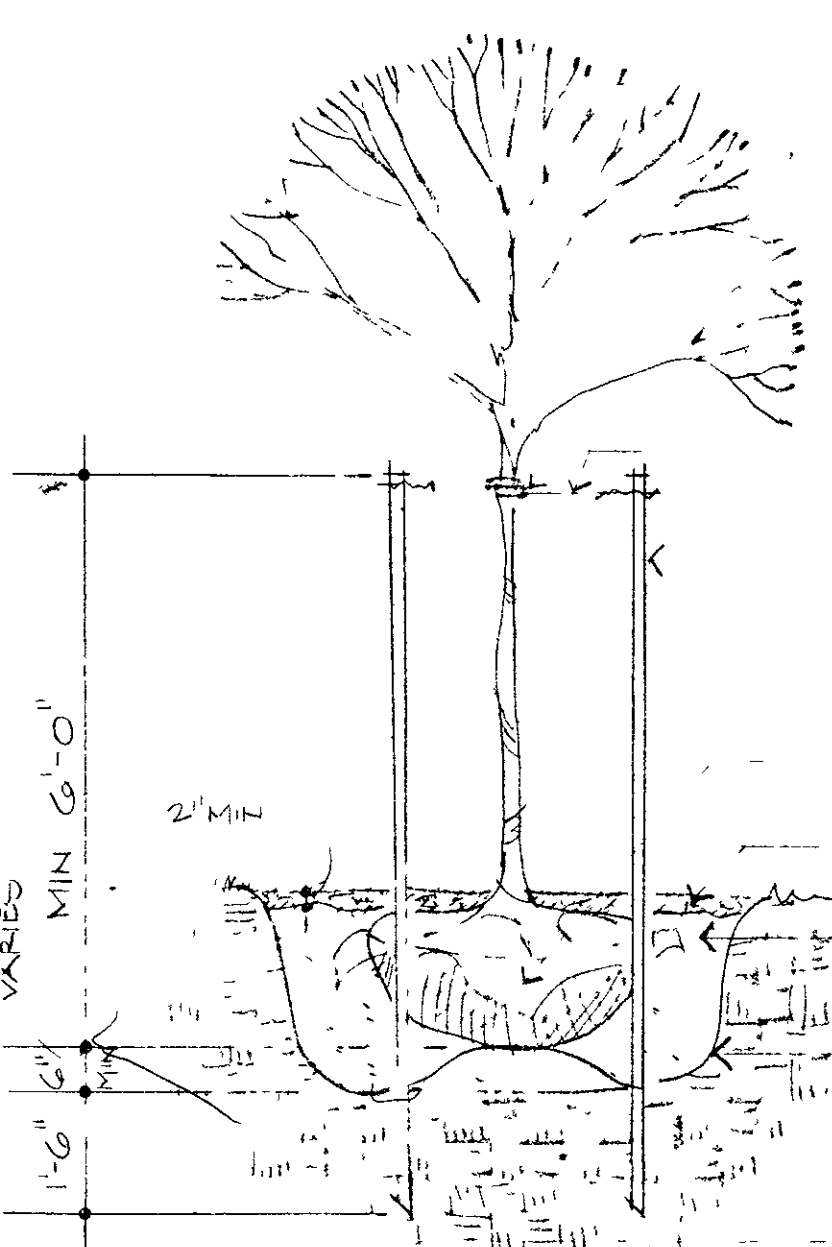
NOTE



Plant Schedule

SYMBOL	QUANTITY	BOTANICAL NAME COMMON NAME	SIZE CONDITION	REMARKS
EXISTING VEGETATION:				
(Symbol)		EXISTING VEGETATION TO REMAIN		ALL CONIFERS EXCEPT THOSE TO BE RELOCATED
(Symbol)		EXISTING VEGETATION TO BE RELOCATED		
NEW VEGETATION: TREES				
(Symbol)		BETULA JACQUEMONTII JACQUEMONTI BIRCH	1 1/2" CAL D.B. OR D.R. 10'-12' HT	SPACE TO ALLOW EACH STEM TO MATURE WITHOUT CROWDING. MATURE HT. 40'-60'
(Symbol)		CARPINUS BETULUS 'FASTIGIATA' VERTICAL EUROPEAN TORNBERRY	1 1/2" CAL D.B. OR D.R. 10'-12' HT	SELECT FOR WELL-BRANCHED TO GROUND. MATURE HT. 30'-40'
(Symbol)		LIRIODENDRON TULIPIFERA TULIP TREE	3" CAL D.B. OR D.R. 4'-10' HT	MATURE HT. 60'-80'; SPREAD 40'
NEW VEGETATION: SHRUBS				
(Symbol)		BUXUS SEMPERVIRENS ENGLISH BOXWOOD	24"-30" HT CONTAINER OR B.B.	
(Symbol)		CORNUS SERICEA 'FLAVIRAMEA' YELLOW-TWIG DOGWOOD	2 GAL CONTAINER OR 30" HT B.B.	MATURE HT. 15'
(Symbol)		PINUS MUGO 'MUGO' MUGO PINE	24"-30" HT CONTAINER OR B.B.	MATURE HT. 4'-6'
(Symbol)		RHOODENDRON MOLLE AZALEA MOLLIS (LEMON CAKE)	24"-30" HT D.B. OR CONTAINER	MATURE HT. 4'
(Symbol)		VIORNIUM TILIS LAURELSTAKE	24"-30" HT	
GROUND COVER:				
(Symbol)		HYPERICUM CALYGINUM ST. JOHNSWORT	1 GAL	24" OC
(Symbol)		LAWN		SEE SPEC IN PROJECT MANUAL

PLANT TREES 1 HIGHER THAN DEPTH AT WHICH GROWN AT NURSERY
AVOID DAMAGE TO TREES, DRIVE STAKES OUTSIDE ROOT BALL
EXAVATE PLANTING HOLE, NO LESS THAN 2 TIMES THE DIAMETER OF ROOTBALL
SET ROOTBALL OR BAREROOTS ON COMPACTED GROUND OR TRODDED BACKFILL.



WCPS
Address
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APPROVED
BLDG
DEPT
SEAL

ERNST ASSOCIATES

ARCHITECTURE
LANDSCAPE PLANNING
INTERIOR ARCHITECTURE

306 WEST CHAMBERLAIN
BELLINGHAM, WASHINGTON 98225

(206) 671-4030 FAX (206) 671-9967

General Information:

LEGAL DESCRIPTION:
Within the NE 1/4 of Section 34
T 39N, R 2E, W 4
Assessor's Parcel No. 79408
Address 5205 Northwest Road
Bellingham, Wa 98226

ZONING INFORMATION:
Sub Area: Cherry Point-Ferndal
Zone: R 5A
Comprehensive Plan: Public
Minimum front yard required: 45'
Side yard required: 5'

PARKING INFORMATION:
Handicapped spaces required: 1.08 (2 provided)
Total spaces required: 54
Total spaces provided: 63

SITE ANALYSIS:
Total area: 2.91 acres

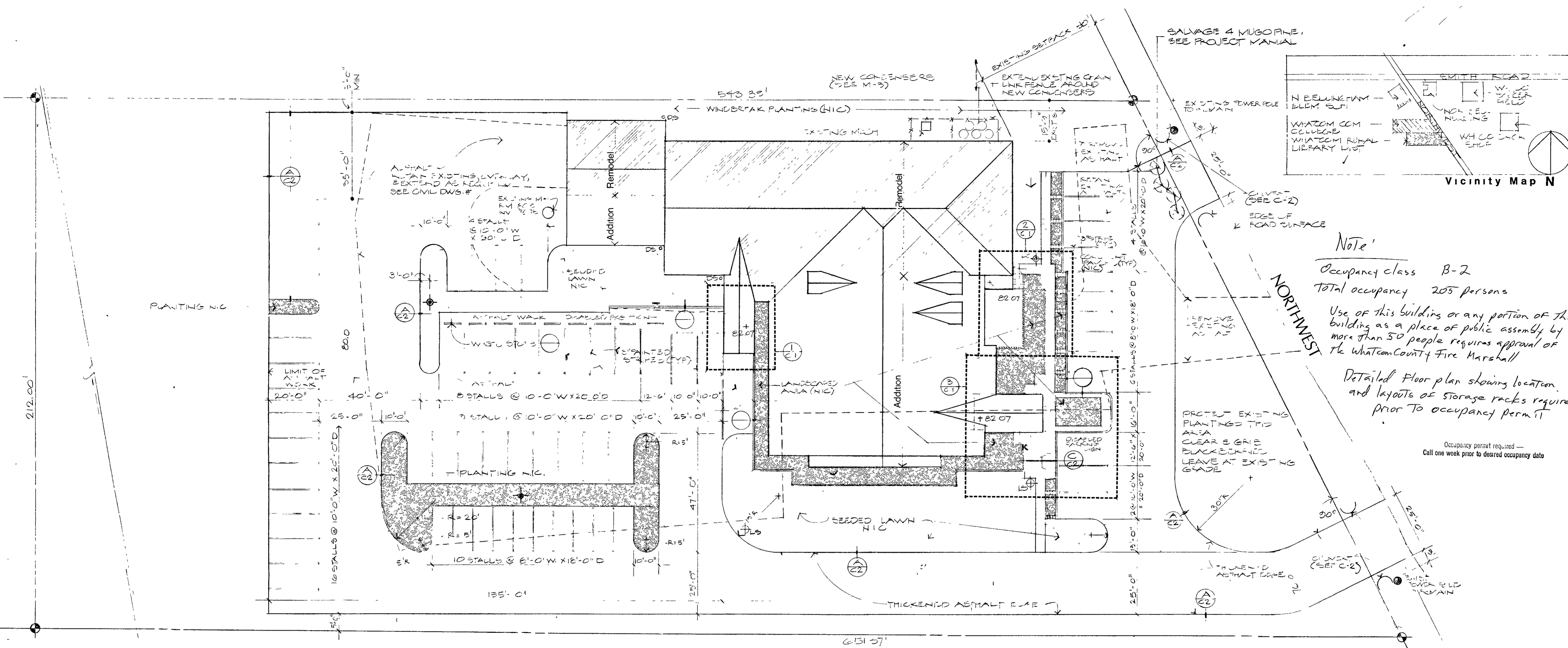
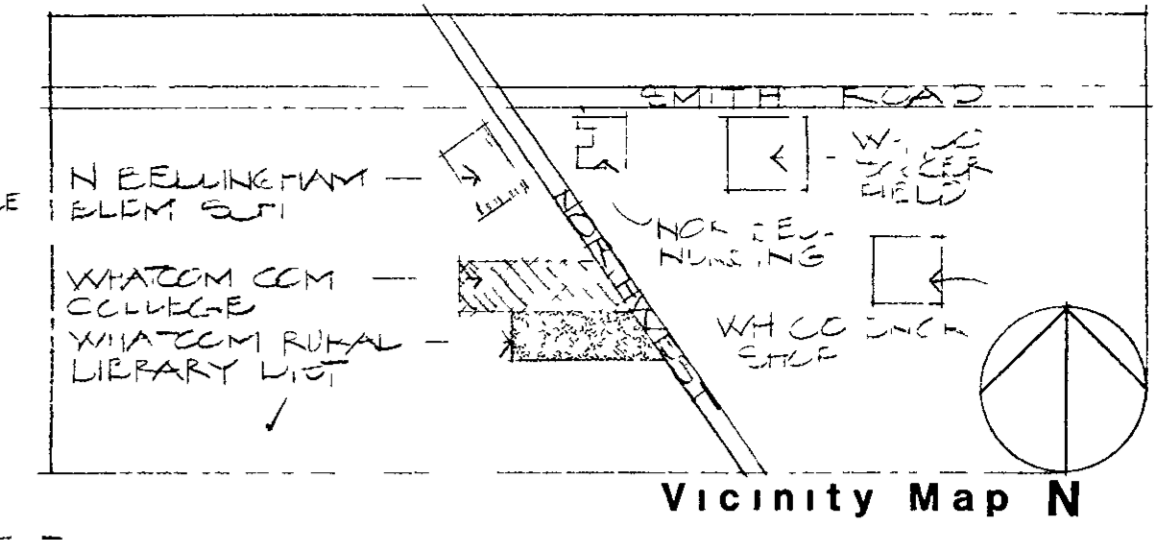
Building coverage:
Existing: 8,529 s.f.
Proposed new: 7,416 s.f.
Total: 15,945 s.f.

Paved surface area: 47,653 s.f.
Total surface area (building+paving): 58,798 s.f.

BUILDING INFORMATION:
Occupancy group: B2
Construction type: V-N
Building area: 15,945 s.f.
Occupant load:
Garage: 640
Office: 9042
Stack: 5.72
Lib. reading:
Poca: 37.44
Lounge: 29.50
Conference: 29.00
Total: 204.58

Seismic Zone: III
Wind Exposure: C

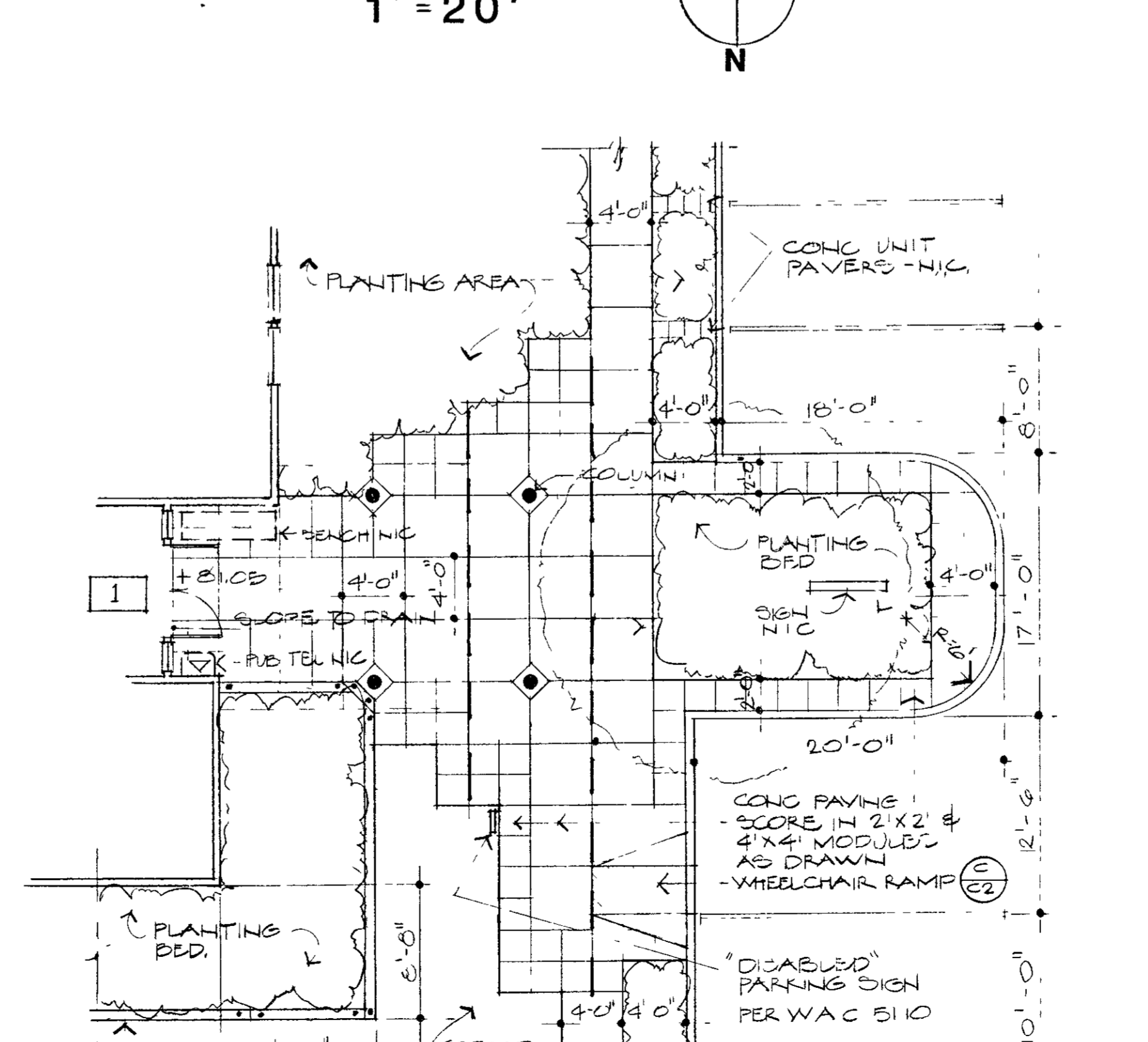
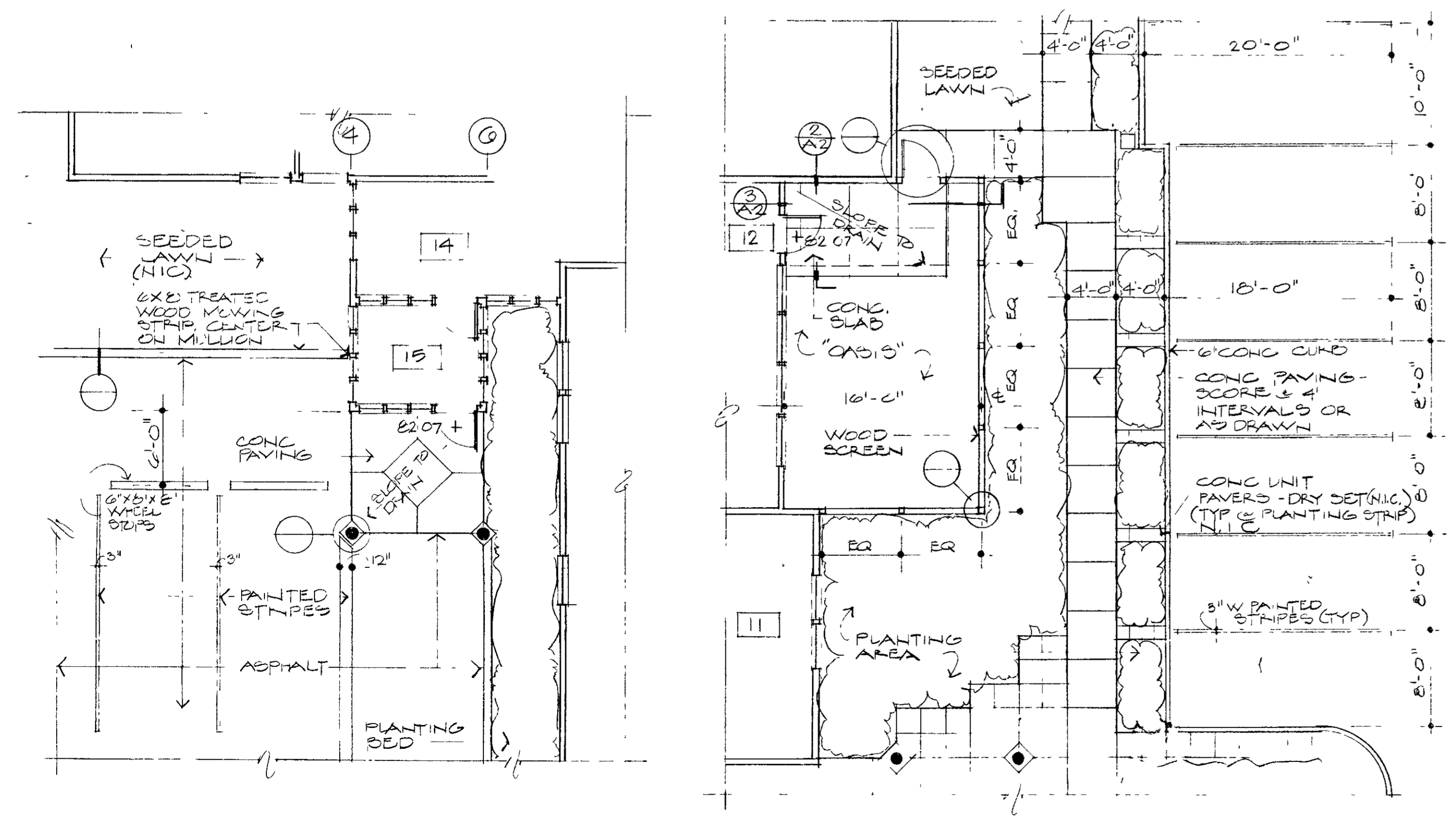
Code: 1988 Uniform Building Code



Note:
Occupancy class B-2
Total occupancy 205 persons
Use of this building or any portion of this building as a place of public assembly by more than 50 people requires approval of the Whatcom County Fire Marshall
Detailed floor plan showing location and layouts of storage racks required prior to occupancy permit

Occupancy permit required -
Call one week prior to desired occupancy date

Site Plan
1" = 20'



Drawing Schedule

- C1. SITE PLAN & DETAILS
- C2. CIVIL SITE PLAN & DETAILS
- C3. DEMOLITION PLAN
- S1. FOUNDATION PLAN
- S2. FLOOR FRAMING PLAN
- S3. ROOF FRAMING PLAN
- S4. STRUCTURAL DETAILS
- S5. STRUCTURAL DETAILS
- A1. FLOOR PLAN
- A2. ELEVATIONS
- A3. BUILDING SECTIONS & DETAILS
- A4. WALL SECTIONS
- A5. DETAILS
- A6. DETAILS
- A7. INTERIOR ELEVATIONS
- A8. " "
- A9. " "
- A10. " "
- A11. " "
- A12. " "
- A13. " "
- A14. REFLECTED CEILING PLAN
- M1. SCHEDULES, DIAGRAMS, LEGEND
- M2. PLUMBING FLOOR PLAN
- M3. HVAC FLOOR PLAN

- E1. ELECTRICAL SITE PLAN
- E2. ELECTRICAL POWER
- E3. ELECTRICAL LIGHTING
- E4. ELECTRICAL PNEUM DIAG & POWER SCHEDULE

NOTE:
LANDSCAPING N.I.C.
SEE PROJECT MANUAL

**WCLS Service Center
Additions & Alterations**

**CIVIL
SITE PLAN
& DETAILS**

Project No.	C-1
Scale	
Date	

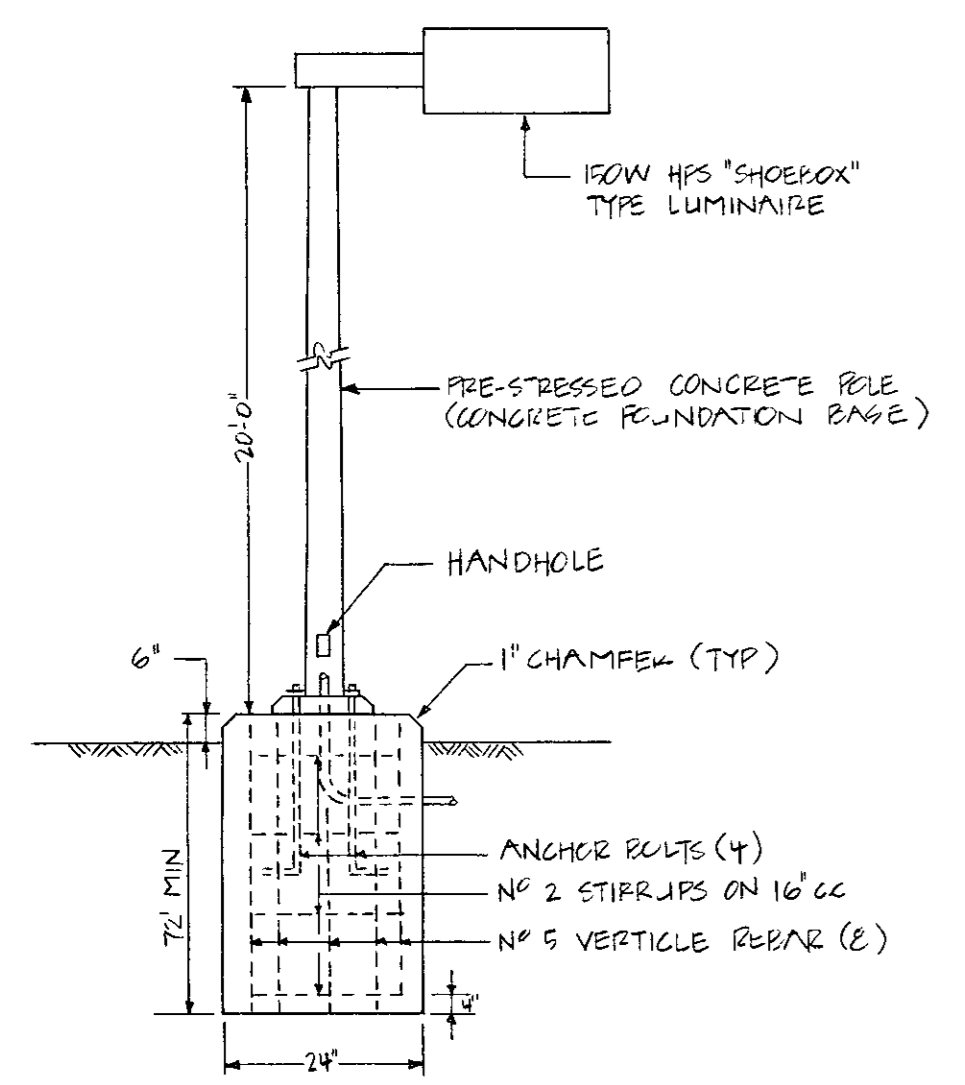
① SITE LAYOUT @ STAFF ENTRY
1/2" = 1'-0"

② SITE LAYOUT @ OASIS
1/2" = 1'-0"

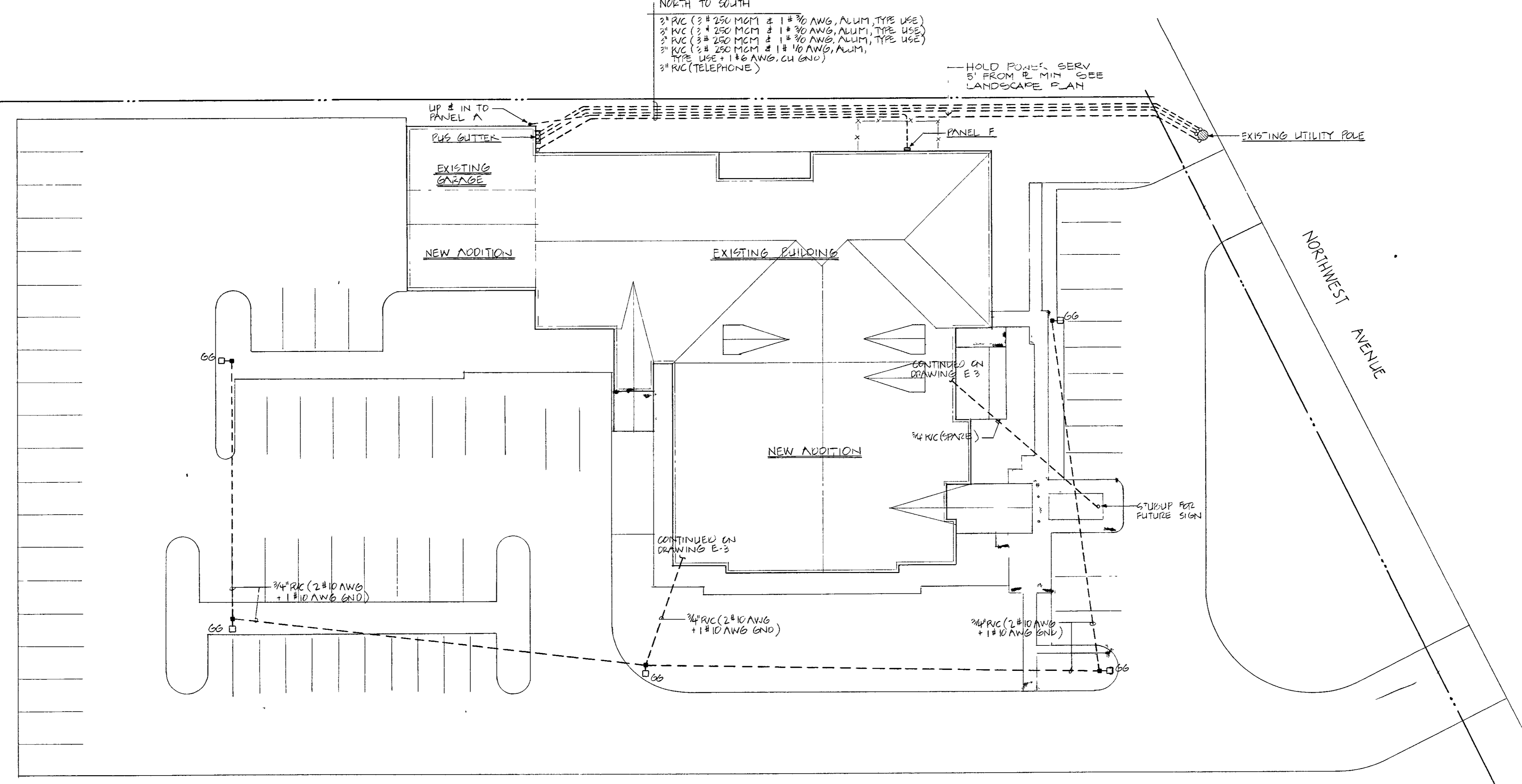
③ SITE LAYOUT @ LOBBY
1/2" = 1'-0"

LEGEND:

- RECESSED FLUORESCENT TROFFER (NO FIXTURE TYPE A CONTROLLED BY SWITCH S₁, TYPICAL)
- FLUORESCENT LUMINAIRE, SURFACE OR PENDANT MTD
- SHOEBOX TYPE LUMINAIRE, PENDANT MTD
- FLUORESCENT STRIP 2 LAMP
- FLUORESCENT STRIP 1 LAMP
- TRACK LIGHT
- INCANDESCENT OR SIM, WALL MTD
- INCANDESCENT OR SIM, RECESSED
- FLOOD LIGHT, POLE MTD
- EMERGENCY LIGHTING UNIT
- EXIT/EMERGENCY LIGHTING UNIT
- S SINGLE-POLE SWITCH
- S₂ TWO-POLE SWITCH
- S₃ THREE-WAY SWITCH
- S₄ FOUR-WAY SWITCH
- S₅ DIMMER SWITCH
- S₆ KEY SWITCH
- S₇ TIMER SWITCH
- COMPUTER OUTLET
- DUPLEX OUTLET
- DUPLEX OUTLET, GROUND FAULT INT.
- DUPLEX OUTLET, ISOLATED GROUND
- DUPLEX OUTLET, WEATHERPROOF
- FLOOR OUTLET, TYPICAL
- TELEPHONE OUTLET
- T.V. OUTLET
- SPECIAL PURPOSE OUTLET
- MULTI-OUTLET STRIP
- CORD MTD RECEPTACLE
- DUPLEX OUTLET EXISTING TO REMAIN (TYPICAL)
- BRANCH CIRCUIT ABOVE GRADE (FLASHES IF NOT CONDUCTORS)
- BELOW GRADE CONDUIT #/Ø BELOW FLOOR CONDUIT
- GROUND CABLE
- HOMERUN TO LOCATION INDICATED (TYP)
- JUNCTION BOX
- EXHAUST FAN



DETAIL-TYPICAL PARKING LOT LIGHT
NO SCALE



ELECTRICAL SITE PLAN
1"=20'-0"

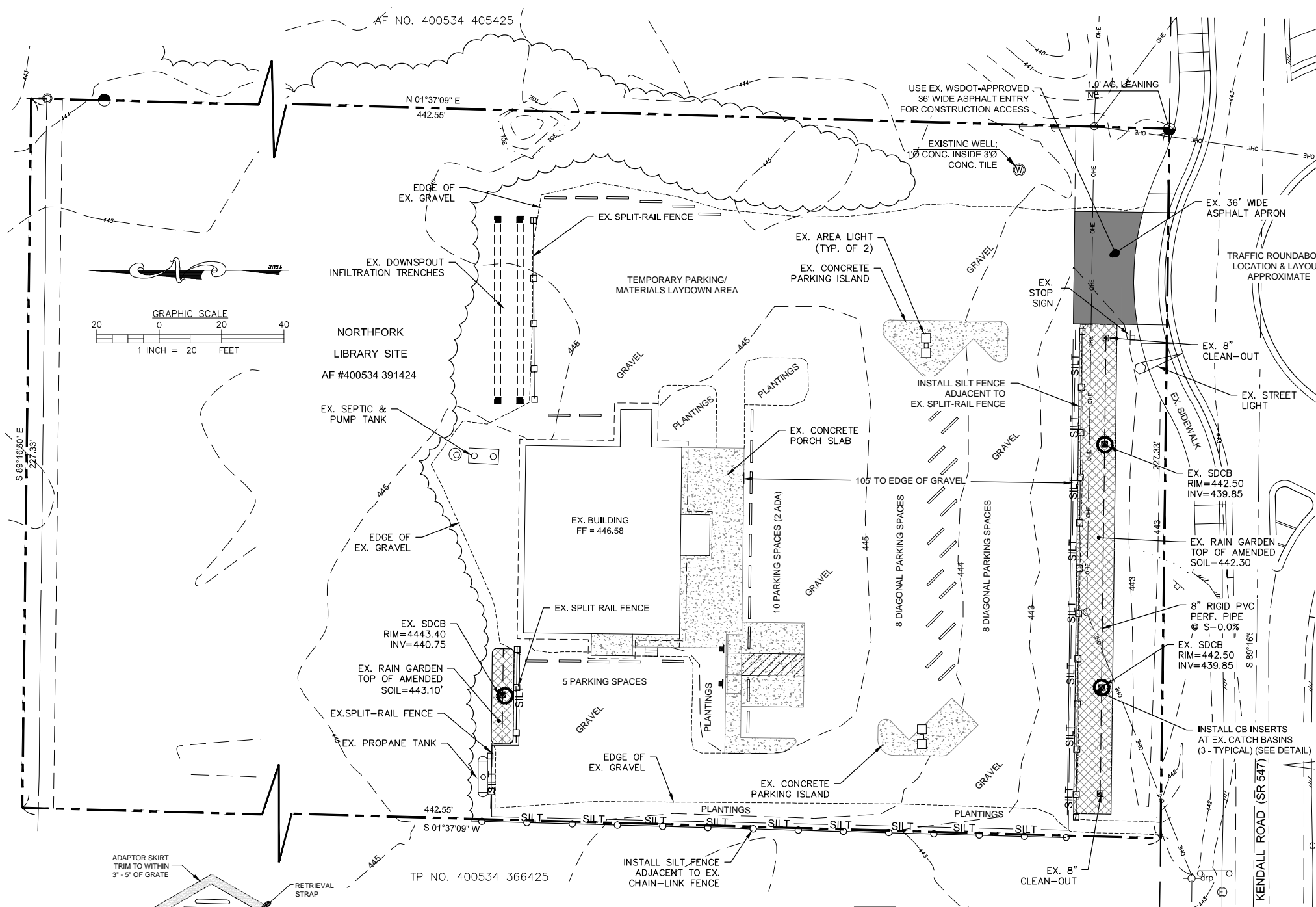
LIGHTING FIXTURE SCHEDULE											
TYPE	DESCRIPTION	MANUFACTURER & CAT NO (OR APPROVED EQUAL)	LAMP(S)	TYPE	DESCRIPTION	MANUFACTURER & CAT NO (OR APPROVED EQUAL)	LAMP(S)	TYPE	DESCRIPTION	MANUFACTURER & CAT NO (OR APPROVED EQUAL)	LAMP(S)
A	FLUORESCENT STRIP, 1 LAMP, 4' LONG WITH 120V ENERGY SAVING RAPID START BALLAST	LITHONIA METALUX DRYBRITE C-140-HRS-ES SN-140-HRS-LES S-140-HRS-ESB	F40CP35/RS/WM F40/DE3/SS	Z	SAME AS TYPE 'N'; EXCEPT 3' LONG.	LITHONIA NULITE CS-230-HRS DWM-23CHRS-W	F30T12/FP35/RS/WM	CC			
B	FLUORESCENT STRIP, 2 LAMP, 4' LONG WITH 120V ENERGY SAVING RAPID START BALLAST	LITHONIA METALUX DRYBRITE C-240-ES SS 240-LES C-240-ESB	F40CP35/RS/WM F40/DE3/SS	Q	FLUORESCENT UNDERCABINET, 2 LAMP, 24" L X 1 1/2" DEEP, WHITE WITH 120V HFF BALLASTS & ACRYLIC LENS	LITHONIA NULITE UC-28 NU-24	F8T5/CW	DD	FLUORESCENT FLOODLIGHT, 2 LAMP, 4 1/2' LONG, SUITABLE FOR DAMP LOCATIONS, WITH 120V WEATHER RAPID START BALLAST, EXCLUDED ALUMINUM BODY (BRONZE FINISH) & KNURLED MOUNT & CLEAR ACRYLIC LENS	HUBBELL AFF-DEE	F40CW
C	SAME AS TYPE 'B', EXCEPT SUITABLE FOR DAMP LOCATIONS & WITH COLD WEATHER BALLAST	LITHONIA METALUX DRYBRITE C-240-CW SS 240-CW C-240-LT	F40CW	R	SAME AS TYPE 'Q'; EXCEPT 30" LONG.	LITHONIA NULITE UC-2813 NU-33	F8T5/CW & F15T5/CW	EE	OUTER WALL MOUNT, DOWN HPS SUITABLE FOR WET LOCATIONS WITH 120V HFF BALLAST, DIECAST ALUMINUM HOUSING, OUTDOOR OPTICS, IMPACT RESISTANT POLYCARBONATE LENS & PHOTOELECTRIC CONTROL.	MCGRAW-EDISON W252-P STENCO WPC50LX-PCE	L450
D	FLUORESCENT STRIP, 2 LAMP, 6' LONG WITH 120V SHIMLINE BALLAST	(EXISTING TO BE RELOCATED, CLEANED & RE-LAMPED)	F40T12/FP35/WM F40T12/DP3/SS	S	SAME AS TYPE 'Q'; EXCEPT 42" LONG.	LITHONIA NULITE UC-213 NU-42	F15T5/CW	FF	SAME AS TYPE 'EE'; EXCEPT 70W	MCGRAW-EDISON W1072-P STENCO WPC70LX-PCE	L470
E	SAME AS TYPE 'D', EXCEPT 4' LONG.	(MATCH EXISTING TYPE 'D')	F40T12/FP35/WM F40T12/DP3/SS	T				GG	SINGLE SHOEBOX TYPE LUMINAIRE, 150W HPS, POLE MTD, GASKETED, 5 1/2" APLE PER WET LOCATIONS WITH 120V CLASS H FUSE 2 HFF BALLAST, PHOTOELECTRIC CONTROL, ALUMINUM HOUSING (DARK BRONZE FINISH), SEMI-CIRCULAR ALUMINUM REFLECTOR (TYPE 3 BENT PATTERN) TEMPERED GLASS LENS & 20'-0" SQUARE TEMPERED STEEL BASE MTD POLE.	STERNER EX20A-10 3-FF-1505-C/ST-24-C	L4150
F	SAME AS TYPE 'D', EXCEPT SUITABLE FOR DAMP LOCATIONS & WITH COLD WEATHER BALLAST.	LITHONIA METALUX DRYBRITE C-240-CW SS-240-CW C-240-LT	F40T12/CW	U	RECESSED FLUORESCENT DOWNLIGHT, 2-12W LAMPS, 7 1/2" x 7 1/2" WITH THERMAL PROTECTION, 2-120V HFF BALLASTS & OPEN SPECULAR ALUMINUM REFLECTOR	LITHONIA PRESOLITE AF12T-7AR-HFF GRS12-572-HFF	F15X/FP35 F15T12/DP3/SS	V	SAME AS TYPE 'U', EXCEPT 150W INCANDESCENT SUITABLE FOR NM & ALI LAMPS	LITHONIA PRESOLITE A-6AR 1224-362 TP	100A
G				W	INCANDESCENT TRACK MTD FLAT BACK CYLINDRICAL, 75W, 4 1/2" x 1 1/2" WHITE WITH 120V SINGLE CIRCUIT TRACK & ACCESSORIES AS REQUIRED	LITHONIA PRESOLITE TC30-WH T103-WH T915-WH	75R30/FL	X			
H	FLUORESCENT TROFFER, GRID MTD, 4 LAMP 2' x 4' WITH 120V BALLASTS & ACRYLIC PRISMATIC LENS.	(EXISTING TO BE RELOCATED, CLEANED & RE-LAMPED)	F40CP35/RS/WM F40/DE3/SS	Y	EMERGENCY LIGHTING UNIT, 120V SELF-CONTAINED WITH 2 FULLY ADJUSTABLE LIGHTING HEADS & LAMPS.	DUALITE E2-Z	(INCLUDED)	Z	LIGHTED EXIT SIGN 120V, WHITE SINGLE FACE THERMOPLASTIC HOUSING WITH GREEN LETTERS, (AND) SELF-CONTAINED EMERGENCY POWER POLE, 2 FULL ADJUSTABLE LIGHTING HEADS & LAMPS	DUALITE ESGWW-RG	(INCLUDED)
J	FLUORESCENT TROFFER, GRID MTD, 3 LAMP 2' x 4' WITH 120V ENERGY SAVING RAPID START BALLASTS (SEPARATELY SWITCHED) & 2" DEEP 16 GILL SEMI-SPECULAR ANODIZED ALUMINUM PARABOLIC LOUVER.	LITHONIA METALUX DRYBRITE ZPM96 3-40-16-ES 2P3MX-34036H-LES L624-16A24-ESB	F40CP35/RS/WM F40/DE3/SS	AA	INDIRECT SHOEBOX TYPE LUMINAIRE, 400W MH, TRIM SHEET MTD WITH FUSED 120V ENERGY SAVING HFF BALLAST, FURTEK STEEL HOUSING (WHITE FINISH), SEALEO OPTICAL ACETATE, ALUMINUM REFLECTOR (SYMMETRIC) & TEMPERED GLASS LENS.	STERNER A21 C20 S-EPF-400H-FW	MV2400/L4 M400/L4	BB			
K	SAME AS TYPE 'J', EXCEPT SURFACE MTD. MODULE TYPE	LITHONIA METALUX DRYBRITE ZPM96 3-40-16-ES 2P3MX-34036H-LES L524-16A24-ESB	F40CP35/RS/WM F40/DE3/SS								
L	FLUORESCENT WYNNACOND, CEILING MTD, 2 LAMP 4' LONG WITH 120V ENERGY SAVING RAPID START BALLAST & ACRYLIC PRISMATIC LENS	LITHONIA METALUX DRYBRITE LB 240A ES WS-240A-LES WA-142-ESB	F40CP35/RS/WM F40/DE3/SS								
M											
N	FLUORESCENT BATHROOM BRACKET, WALL MTD, 2 LAMP, 4' LONG, WHITE WITH 120V ENERGY SAVING RAPID START HFF BALLAST & ACRYLIC LENS.	LITHONIA NULITE CS-240-ES DWM-240HRS-W-ESB	F40CP35/RS/WM F40/DE3/SS								

- NOTES (APPLICABLE TO ALL ELECTRICAL DRAWINGS):**
- BELOW GRADE CONDUIT SHALL BE SCHEDULE 40 PVC UNLESS NOTED OTHERWISE.
 - ABOVE GRADE CONDUIT SHALL BE 1/2" EMT UNLESS NOTED OTHERWISE EXCEPT FLEX SHALL BE USED FOR FIXTURE WIRE & FINAL CONNECTIONS TO VIBRATING EQUIPMENT & MAY BE SUBSTITUTED FOR EMT WHEN RUN CONDUITED INSIDE WALLS BETWEEN DEVICES.
 - SERVICE ENTRANCE CABLES SHALL BE 1/2" COPPER OR ALUMINUM (AS INDICATED), WITH 600V TYPE USE-RHM-RHW INSULATION.
 - FEEDER CABLES SHALL BE 1/2" COPPER, WITH 600V TYPE XHHW OR THHN/THWN OR USE-RHM-RHW INSULATION'S EXCEPT BELOW GRADE FEEDER TO PANEL G SHALL BE 1/2" ALUMINUM, WITH 600V TYPE USE-RHM-RHW INSULATION.
 - BRANCH CIRCUIT CABLE SHALL BE 1/2" COPPER, #12 AWG UNLESS NOTED OTHERWISE WITH 600V TYPE XHHW OR THHN/THWN INSULATION.
 - PROVIDE A MINIMUM OF 2 @ 3/4" EMT (CO) FROM EACH FLUSH MTD PANELBOARD BOTH UP TO THE ATTIC SPACE & DOWN TO THE CRAWLSPACE BELOW THE FLOOR FOR FUTURE USE.

WCLS Service Center Additions & Alterations
ELECTRICAL SITE PLAN

Revised

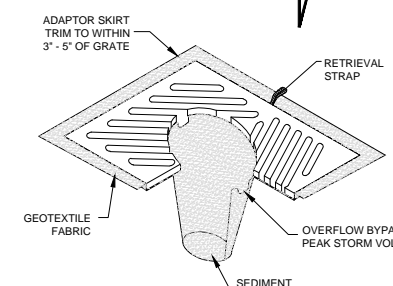
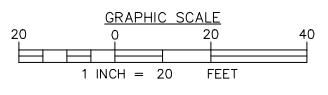
Proj No **8803** No **E-1**
Scale AS NOTED
Date **2-12-00**



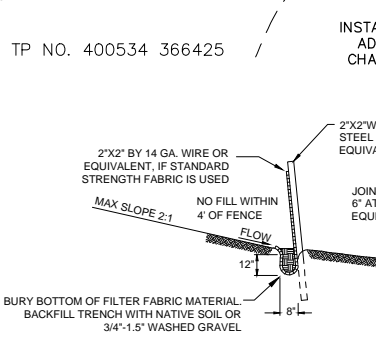
TESC ELEMENTS:

THIRTEEN EROSION AND SEDIMENT CONTROL ELEMENTS ARE REQUIRED FOR THE PROJECT IN ACCORDANCE WITH THE CURRENT ECOLOGY MANUAL (2014 REVISIONS). THE VARIOUS ELEMENTS ARE LISTED BELOW WITH A SUMMARY OF HOW THE ELEMENT HAS BEEN INCORPORATED INTO THE PROJECT DESIGN.

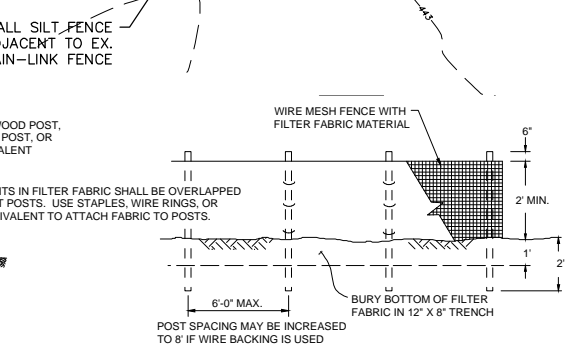
- ELEMENT #1: PRESERVE VEGETATION/MARK CLEARING LIMITS**
THE PROJECT SITE WAS CLEARED DURING THE PHASE 1 BUILDING PROJECT THAT WAS COMPLETED IN 2009 AND 2010. NO ADDITIONAL CLEARING IS PROPOSED FOR THE PARKING LOT PAVING PROJECT.
- ELEMENT #2: ESTABLISH CONSTRUCTION ACCESS**
ACCESS TO THE SITE FOR CONSTRUCTION EQUIPMENT AND MATERIALS WILL BE PROVIDED BY THE EXISTING PAVED APRON FROM THE KENDALL ROAD ROUNDABOUT. VEHICLE/EQUIPMENT PARKING AND MATERIAL LAYDOWN AREAS WILL BE ESTABLISHED IN THE EXISTING GRAVEL PARKING AREA EAST OF LIBRARY BUILDING. IF SEDIMENT IS TRANSPORTED ONTO THE PUBLIC ROAD SURFACE, THE ROAD SHALL BE ROUTINELY CLEANED DURING THE DAY AND THOROUGHLY CLEANED AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.
- ELEMENT #3: CONTROL FLOW RATES**
THE EXISTING GRAVEL PARKING LOT IS GRADED TO SHEET FLOW RUNOFF TO RAIN GARDENS LOCATED ALONG THE SOUTHERN AND NORTHWEST EXTENTS OF THE PARKING LOT. SILT FENCING WILL BE INSTALLED UPGRADIENT OF THE RAIN GARDENS TO PREVENT SILT ACCUMULATION IN THE RAIN GARDENS DURING CONSTRUCTION ACTIVITIES.
- ELEMENT #4: INSTALL SEDIMENT CONTROLS**
SITE GRADING ACTIVITIES ARE SCHEDULED TO BE COMPLETED DURING THE SPRING AND SUMMER OF 2017. SEDIMENT CONTROLS SHALL BE INSTALLED PRIOR TO COMMENCING SITE WORK. SILT FENCING SHALL BE INSTALLED ALONG THE SOUTHERN, WESTERN, AND NORTHWESTERN BOUNDARIES OF THE EXISTING GRAVEL PARKING LOT, AS SHOWN, AND CATCH BASIN INSERTS SHALL BE INSTALLED IN THE EXISTING CATCH BASINS LOCATED IN THE RAIN GARDENS. ADDITIONAL BMPs SHALL BE APPLIED AS NECESSARY TO STABILIZE THE SITE AND MAINTAIN THE QUALITY OF STORMWATER RUNOFF FROM THE PROJECT SITE.
- ELEMENT #5: STABILIZE SOILS**
FROM OCTOBER 1 TO APRIL 30, NO SUBSTANTIALLY UNWORKED SOIL AREAS SHALL REMAIN EXPOSED FOR MORE THAN TWO DAYS. FROM MAY 1 TO SEPTEMBER 30, NO SUBSTANTIALLY UNWORKED SOIL AREAS SHALL REMAIN EXPOSED FOR MORE THAN SEVEN DAYS. THE CONTRACTOR SHALL MINIMIZE LAND DISTURBANCE AND PROHIBIT EQUIPMENT TRAFFIC OUTSIDE THE EXISTING GRAVEL PARKING AREA. EXCESS SOILS, IF CREATED, SHALL BE REMOVED FROM THE SITE. ALL EXPOSED SOILS SHALL BE STABILIZED WITH GRAVEL SURFACING.
- ELEMENT #6: PROTECT SLOPES**
EXISTING SLOPES WITHIN THE PARKING AREA ARE RELATIVELY FLAT (2 TO 3%). NO NEW CUT OR FILL SLOPES ARE PROPOSED FOR THE PROJECT.
- ELEMENT #7: PROTECT DRAIN INLETS**
CATCH BASIN INSERTS WILL BE INSTALLED AT THE EXISTING CATCH BASINS LOCATED WITHIN THE NORTH AND SOUTH RAIN GARDENS AT THE SITE (3 TOTAL).
- ELEMENT #8: STABILIZE CHANNELS AND OUTLETS**
NO CHANNELS OR OUTLETS ARE PROPOSED FOR THE PROJECT.
- ELEMENT #9: CONTROL POLLUTANTS**
THE PRIMARY POLLUTANTS, OTHER THAN SEDIMENT, THAT MAY OCCUR AT THE PROJECT SITE INCLUDE SOLID WASTES FROM CONSTRUCTION ACTIVITIES AND PETROLEUM PRODUCTS ASSOCIATED WITH FUELING AND LUBRICATING CONSTRUCTION EQUIPMENT. THE CONTRACTOR IS RESPONSIBLE TO KEEP THE PROJECT SITE IN A NEAT AND ORDERLY CONDITION. ALL CHEMICALS OR PETROLEUM PRODUCTS KEPT AT THE SITE SHALL BE STORED IN COVERED, LOCKED CONTAINERS. ALL REFUSE AND CONSTRUCTION DEBRIS WILL BE REMOVED FROM THE SITE ON A REGULAR BASIS, AS SOON AS PRACTICAL. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESTORING ALL OFF-SITE AREAS TO THEIR ORIGINAL CONDITION. FUEL AND OIL SPILLS WILL BE CLEANED UP IMMEDIATELY. NO BURNING OF VEGETATION IS ANTICIPATED FOR THE PROJECT.
- ELEMENT #10: CONTROL DEWATERING**
THE PROPOSED PROJECT INVOLVES SURFACE GRADING OF EXISTING GRAVEL MATERIALS IN THE PARKING AREA, PLACEMENT AND COMPACTION OF CRUSHED ROCK SURFACING, AND INSTALLATION OF ASPHALT PAVEMENT. AS SUCH, NO DEWATERING IS ANTICIPATED FOR THE PROJECT.
- ELEMENT #11: MAINTAIN BMPs**
THE TESC FACILITIES WILL BE INSPECTED ON A WEEKLY BASIS AND IMMEDIATELY FOLLOWING SIGNIFICANT STORM EVENTS (>0.5 INCH PRECIPITATION IN 24-HOUR PERIOD) TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. DURING THE PERIOD OF CONSTRUCTION, ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SILT FENCING, AS NEEDED, TO MAINTAIN ADEQUATE STORMWATER CONVEYANCE. THE CONTRACTOR WILL BE RESPONSIBLE FOR SATISFACTORY MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROLS UNTIL CONSTRUCTION ACTIVITIES ARE COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED. ALL TEMPORARY NON-BIODEGRADABLE TESC MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED FROM THE SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL OF TESC FACILITIES SHALL BE PERMANENTLY STABILIZED.
- ELEMENT #12: MANAGE THE PROJECT**
THE PARKING LOT PAVING PROJECT IS SCHEDULED TO BE COMPLETED DURING THE SPRING AND SUMMER 2017.
- ELEMENT #13: PROTECT LOW IMPACT DEVELOPMENT BMPs**
THE EXISTING RAIN GARDENS PROVIDE TREATMENT AND INFILTRATION OF THE PARKING LOT RUNOFF. SILT FENCING SHALL BE INSTALLED ALONG THE UPGRADIENT (PROJECT) SIDE OF THE EXISTING SPLIT-RAIL FENCING INSTALLED AT THE SOUTHERN AND NORTHWESTERN BOUNDARIES OF THE PARKING LOT. VEHICLE AND HEAVY EQUIPMENT TRAFFIC IS PROHIBITED OUTSIDE THE SILT FENCING.



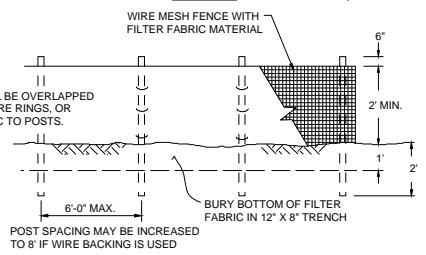
- NOTES:**
- INSERT SHALL BE INSTALLED PRIOR TO CLEARING AND GRADING ACTIVITY, OR UPON PLACEMENT OF A NEW CATCH BASIN.
 - SEDIMENT SHALL BE REMOVED FROM THE UNIT WHEN IT BECOMES HALF FULL.
 - SEDIMENT REMOVAL SHALL BE ACCOMPLISHED BY REMOVING THE INSERT, EMPTYING, AND RE-INSERTING IT INTO THE CATCH BASIN.



TYPICAL CROSS SECTION



SILT FENCE DETAIL
NO SCALE



ELEVATION

SOURCE: BASE SITE PLAN PROVIDED BY FREELAND & ASSOCIATES, JANUARY 12, 2010.
EXISTING CONDITIONS PLAN WAS MODIFIED BASED ON SITE OBSERVATIONS SEPTEMBER, 2016.

ENGINEER'S DECLARATION
I, THOMAS E. BENNETT, P.E., A PROFESSIONAL CIVIL ENGINEER REGISTERED IN THE STATE OF WASHINGTON, DO HEREBY DECLARE THAT I PREPARED THIS TEMPORARY EROSION AND SEDIMENT CONTROL PLAN AND THAT SAID PLAN WAS PREPARED IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES. I HEREBY AFFIRM THAT, TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THIS PLAN WAS PREPARED IN FULL COMPLIANCE WITH THE WHATCOM COUNTY STORMWATER ORDINANCE, WHATCOM COUNTY #94-022, THE WHATCOM COUNTY DEVELOPMENT STANDARDS, AND ALL TECHNICAL STANDARDS ADOPTED THEREUNDER.

REVIEW APPROVAL
REVIEW IS FOR GENERAL COMPLIANCE AND CONSISTENCY WITH APPLICABLE WHATCOM COUNTY CODES, REGULATIONS, AND/OR STANDARDS.
NO RESPONSIBILITY IS ASSUMED FOR CORRECTNESS OF DATA, DIMENSIONS, OR DETAILS.
DEPARTMENT OF PUBLIC WORKS—ENGINEERING SERVICES
BY _____ DATE _____

0	ISSUED FOR REVIEW	NCS	10/5/16
1	REVISED PER W.C. COMMENTS	TEB	5/16/17
2			
3			
4			
NO.	REVISION	BY	DATE

BENNETT ENGINEERING, LLC
CIVIL ENVIRONMENTAL
2324 JAMES STREET
BELLINGHAM, WA 98225
Ph: (360) 671-2600
Cell: (360) 739-9844

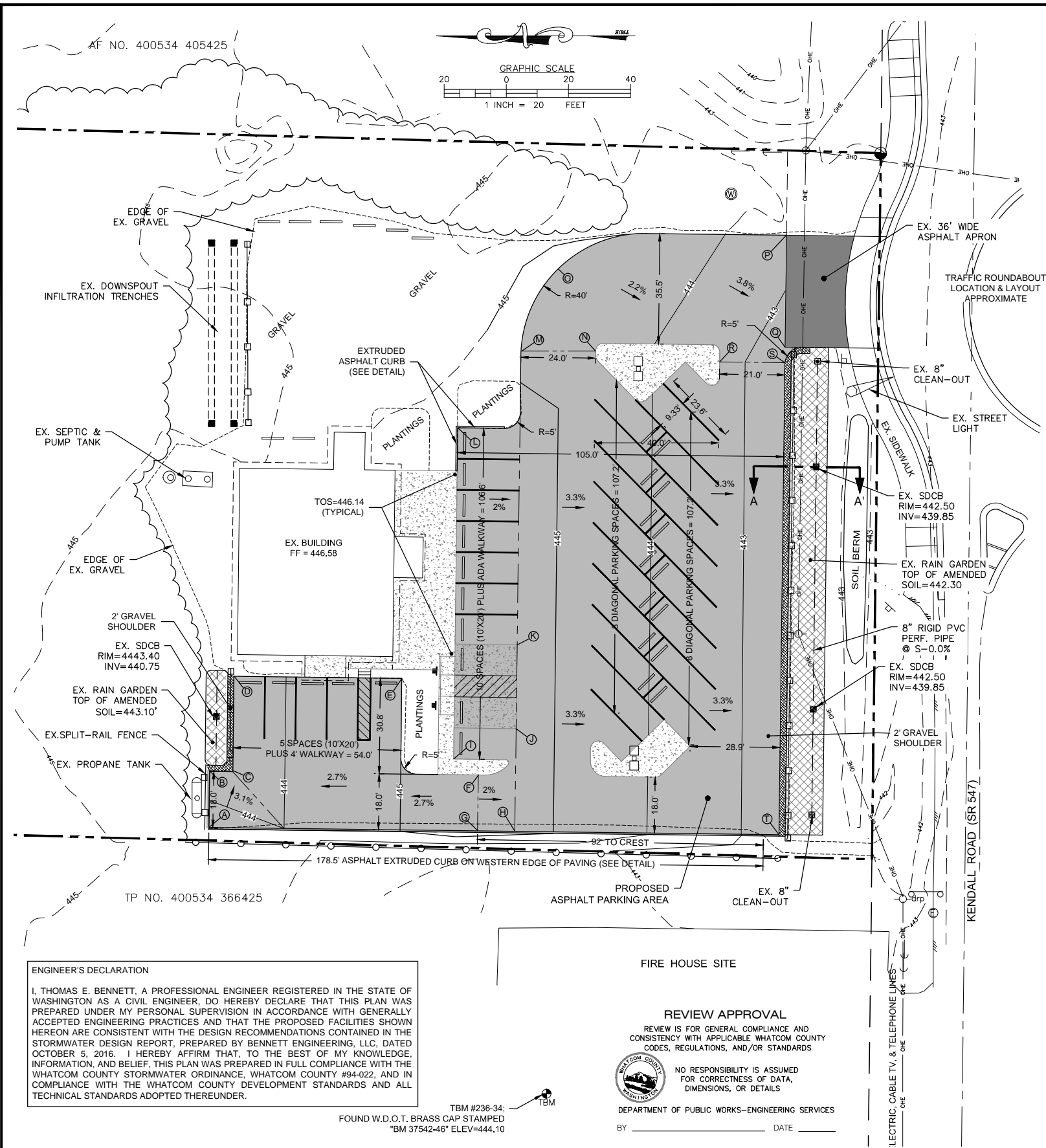
JOB NO.:	16027
DWG. NAME:	16027-Eng Plan
DESIGNED BY:	TEB
DRAWN BY:	JSM
CHECKED BY:	TEB

WHATCOM COUNTY LIBRARY SYSTEM
5205 NORTHWEST DRIVE
BELLINGHAM, WA 98226

EX. CONDITIONS & TESC PLAN
NORTH FORK COMMUNITY LIBRARY
7506 KENDALL ROAD, WHATCOM CO.

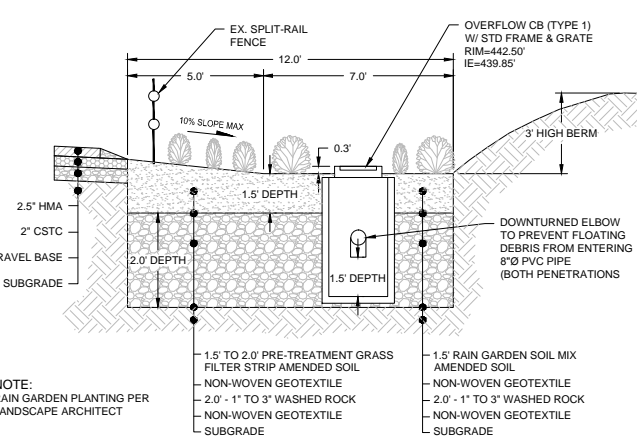
DATE: OCTOBER 2016 SCALE: H: 1" = 20'

v: N/A SHEET: 1 OF 2



- GENERAL NOTES:**
- ALL WORK AND MATERIALS SHALL BE PROVIDED IN ACCORDANCE WITH CURRENT WSDOT/APWA STANDARD SPECIFICATIONS. WHATCOM COUNTY DEVELOPMENT STANDARDS (WCDS), AND SHALL BE SUBJECT TO APPROVAL BY WHATCOM COUNTY PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION, ENGINEERING SERVICES (PWD).
 - DEVELOPER/CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION CONFERENCE WITH THE WHATCOM COUNTY PWD PROJECT MANAGER A MINIMUM OF 3 WORKING DAYS PRIOR TO BEGINNING ANY WORK.
 - NORMAL WORKING HOURS ARE 7:30 AM TO 4:00 PM, MONDAY THROUGH FRIDAY. WORK DURING HOLIDAYS, WEEKENDS, AND OUTSIDE THE NORMAL WORK HOURS REQUIRES PRIOR ARRANGEMENTS AND APPROVAL.
 - SIGHT DISTANCE REQUIRED AT ALL INTERSECTIONS PER CHAPTER 5, ROAD STANDARDS.
 - A REVOCABLE ENCROACHMENT PERMIT SHALL BE OBTAINED PRIOR TO COMMENCING WORK WITHIN COUNTY-MAINTAINED ROAD RIGHTS-OF-WAY.
 - THE CONTRACTOR SHALL CONTACT UTILITY LOCATION SERVICE 48 HOURS PRIOR TO STARTING WORK AT 1-800-424-5555 OR 811.
 - A COPY OF THE COUNTY-APPROVED DRAWINGS MUST BE ON THEJOB SITE WHENEVER WORK IS IN PROCESS.
 - WHATCOM COUNTY RESERVES THE RIGHT TO INSPECT ALL WORK. THE CONTRACTOR SHALL CALL THE PWD PROJECT MANAGER AT LEAST 24 HOURS IN ADVANCE OF THE FOLLOWING WORK ITEMS:
 - PLACEMENT OF TEMPORARY EROSION AND SEIMENTATION CONTROL MEASURES.
 - PLACEMENT OF WATER, SANITARY SEWER, AND STORM DRAINAGE LINES AND BACKFILLING OF THESE LINES WITHIN COUNTY MAINTAINED ROAD RIGHTS-OF-WAY.
 - PLACEMENT OF UNDERGROUND UTILITIES AND BACKFILLING WITHIN COUNTY MAINTAINED ROAD RIGHTS-OF-WAY.
 - ROADWAY GRADING AT THE COMPLETION OF THE SUBGRADE, BALLAST, AND OF CRUSHED SURFACING.
 - POURING OF CURB/GUTTER AND SIDEWALK.
 - ASPHALT PAVING, AT THE BEGINNING OF PAVING.
 - PRIOR TO PAVEMENT MARKING.
 - OVERALL INSPECTION OF FINISHED SHOULDERS, DITCHES, PERMANENT SEEDING, ROAD SIGNAGE, MONUMENT PLACEMENT, AND CLEANING OF DRAINAGE SYSTEM, AND CONSTRUCTION DEBRIS.
 - ALL WORK REQUIRED TO RELEASE ANY POSTED SECURITY.
 - THE CONTRACTOR MUST PROVIDE THE FOLLOWING TESTS, AT A MINIMUM (ADDITIONAL TESTING MAY BE REQUIRED):
 - CURB/GUTTER, SIDEWALK, ROADWAY BASE COMPACTION - MINIMUM 1 TEST EVERY 1-3 STATIONS, VARIES WITH LENGTH, MINIMUM OF 2 TESTS PER CATEGORY OR AT THE DIRECTION OF COUNTY INSPECTOR.
 - PROOF ROLL OF BASE MATERIAL WITH COUNTY INSPECTOR PRESENT BEFORE CRUSHED TOP SURFACING IS PLACED.
 - CONCRETE CYLINDER COMPRESSION - 1 CYLINDER EVERY THIRD LOAD - MINIMUM OF 2 SAMPLES/DAY.
 - HMA PAVING DENSITY - PER WSDOT STANDARD SPECIFICATIONS.
 - ALL TESTING REQUIRED FOR THE IMPROVEMENTS SHALL BE THE RESPONSIBILITY OF THE OWNER AND SHALL BE IN CONFORMANCE WITH THE WCDS.
 - THE CONTRACTOR SHALL RIP RAP ALL CULVERT INLETS AND OUTLETS.
 - THE CONTRACTOR SHALL RESTORE ALL PRIVATE AND PUBLIC PROPERTY DISTURBED BY THE WORK IMMEDIATELY AFTER CONSTRUCTION. THE CONTRACTOR SHALL NOT LEAVE ANY PART OF THE ROAD USED BY OTHERS UN-PASSABLE WITHOUT NOTIFICATIONS AND AGREEMENT OF OTHER USERS.
 - ALL CUT AND FILL SLOPES SHALL BE MULCHED AND SEEDED FOR EROSION CONTROL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SLOPE EROSION UNTIL VEGETATION IS FIRMLY ESTABLISHED.
 - CONTRACTOR SHALL SWEEP AND REMOVE ALL DEBRIS TRACKED ONTO EXISTING ROADS DURING ALL PHASES OF CONSTRUCTION.
 - ANY TREE, WHERE ONE-THIRD OF THE ROOT SYSTEM IS DAMAGED BY WORK, SHALL BE REMOVED.
 - THE CONTRACTOR SHALL INFORM THE ENGINEER OF RECORD (EOR) AND OBTAIN APPROVAL FROM WHATCOM COUNTY ENGINEERING DIVISION OF ANY PROPOSED CHANGES IN PLANS PRIOR TO IMPLEMENTATION OF THE CHANGE. THE CONTRACTOR SHALL KEEP RECORDS OF DEVIATIONS AND FORWARD TO THE EOR AND WHATCOM COUNTY ENGINEERING DIVISION.
 - TRAFFIC CONTROL IS TO BE MAINTAINED IN ACCORDANCE WITH WSDOT/APWA STANDARD SPECIFICATIONS.
 - THE DEVELOPER/CONTRACTOR SHALL POST A WARRANTY SECURITY AS REQUIRED BY THE WHATCOM COUNTY DEVELOPMENT STANDARDS.
 - THE EOR SHALL PROVIDE RECORD DRAWINGS PER WCDS 507.D.

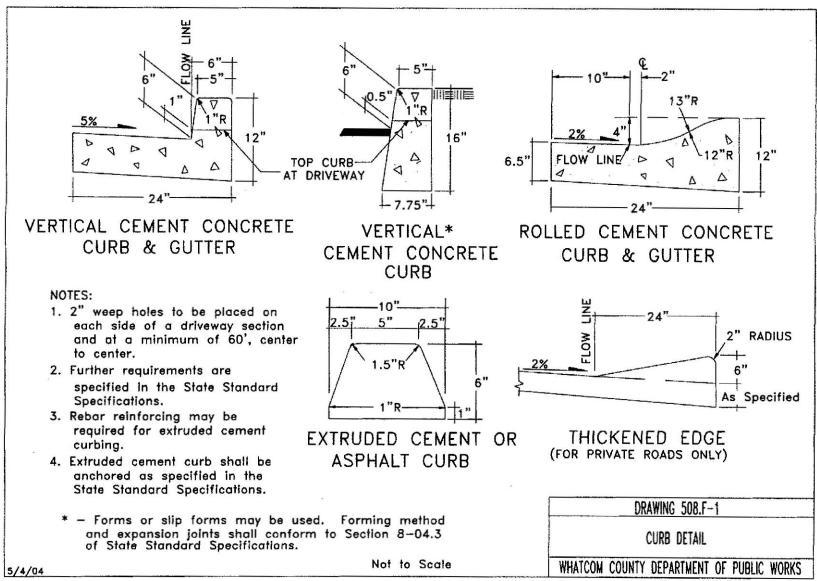
- PARKING LOT IMPROVEMENTS**
- DESIGN GRADING POINTS HAVE BEEN ESTABLISHED THROUGHOUT THE PARKING AREA BASED ON THE ORIGINAL TOP OF SIDEWALK GRADES CALLED OUT IN THE PHASE 1 CONSTRUCTION DRAWINGS. THE PROJECT SURVEYOR SHALL CONFIRM THOSE GRADING POINTS PRIOR TO COMMENCING SITE GRADING WORK. IN GENERAL, THE FINISHED ASPHALT SURFACE HAS BEEN SET 4 INCHES (0.33 FEET) BELOW TOP OF THE ADJUTING SIDEWALKS AND CONCRETE ISLANDS IN THE PARKING AREA. THE EXISTING GRAVEL SURFACING AROUND THE CONCRETE HANDICAP PARKING STALLS WILL HAVE TO BE REMOVED SUCH THAT THE ASPHALT GRADE MATCHES THE TOP OF CONCRETE.
 - THE DESIGN SLOPES WITHIN THE ASPHALT PARKING AREAS ARE 2% MINIMUM AND 3.8% MAXIMUM. THE DESIGN GOAL IS TO SHEET FLOW RUNOFF FROM THE PARKING AREAS, ACROSS A 2-FOOT WIDE GRAVEL SHOULDER, AND INTO THE EXISTING RAIN GARDENS.
 - THE PAVEMENT SECTION FOR THE PARKING LOT IMPROVEMENTS SHALL CONSIST OF 2.5 INCHES OF HOT MIX ASPHALT CONCRETE, OVER 2 INCHES CRUSHED SURFACING TOP COURSE (CSTC), OVER 8 INCHES GRAVEL BASE, OVER FIRM, UNYIELDING NATIVE SOIL. THE GRAVEL SHOULDERS, WHERE SHOWN, SHALL BE AT LEAST 2 FEET WIDE AND SHALL CONSIST OF 3 INCHES MINIMUM OF COMPACTED CSTC.
 - CSTC USED FOR PAVEMENT SUBGRADE AND SHOULDER CONSTRUCTION SHALL BE 5/8-INCH MINUS MATERIAL CONFORMING TO WSDOT 9-03.9(3).
 - GRAVEL BASE USED FOR PAVEMENT SUBGRADE SHALL CONFORM TO WSDOT 9-03.10.
 - THE EXISTING 36-FOOT WIDE ACCESS APRON FROM KENDALL ROAD WAS MODIFIED AS PART OF THE TRAFFIC ROUNDABOUT IMPROVEMENT TO THE SOUTH OF THE SITE. THE EXISTING NORTH EDGE OF THE APRON SHALL BE SAW CUT PRIOR TO COMMENCING THE PAVING IMPROVEMENTS. MULTIFUSED ASPHALT GRADE CSS-1 TACK, OR EQUAL, SHALL BE APPLIED TO SAW CUT EDGES. ALL JOINTS SHALL BE SEALED USING PAVING ASPHALT AR-4000W, IN ACCORDANCE WITH SECTION 512.F OF THE DEVELOPMENT STANDARDS.
 - EXTRUDED ASPHALT CONCRETE CURBS SHALL BE INSTALLED ALONG THE WESTERN EDGE OF PAVEMENT AND OTHER LOCATIONS, WHERE SHOWN, IN ACCORDANCE WITH WC STD 508.F-1 AND WSDOT 8-04.3(2).
 - THE EXISTING PRE-CAST WHEEL STOPS INSTALLED AT THE SITE SHALL BE REMOVED PRIOR TO GRADING WORK AND RE-INSTALLED FOLLOWING COMPLETION OF THE ASPHALT PAVING. ADDITIONAL WHEEL STOPS WILL BE PROVIDED AND INSTALLED, AS NEEDED.
 - STRIPING FOR PARKING STALLS SHALL COMPLY WITH WSDOT 8-22 AND 9-34.



RAIN GARDEN CROSS-SECTION A-A'
NTS

PAVING POINT ELEVATIONS

POINT	ELEVATION
A	444.25
B	443.73
C	443.65
D	443.65
E	445.00
F	445.65
G	445.65
H	445.41
I	445.81
J	445.41
K	445.41
L	445.81
M	445.9±
N	444.4±
O	444.8±
P	443.4±
Q	442.7±
R	443.30
S	442.60
T	442.60



ENGINEER'S DECLARATION

I, THOMAS E. BENNETT, A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF WASHINGTON AS A CIVIL ENGINEER, DO HEREBY DECLARE THAT THIS PLAN WAS PREPARED UNDER MY PERSONAL SUPERVISION IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES AND THAT THE PROPOSED FACILITIES SHOWN HEREON ARE CONSISTENT WITH THE DESIGN RECOMMENDATIONS CONTAINED IN THE STORMWATER DESIGN REPORT, PREPARED BY BENNETT ENGINEERING, LLC, DATED OCTOBER 5, 2016. I HEREBY AFFIRM THAT, TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THIS PLAN WAS PREPARED IN FULL COMPLIANCE WITH THE WHATCOM COUNTY STORMWATER ORDINANCE, WHATCOM COUNTY #94-022, AND IN COMPLIANCE WITH THE WHATCOM COUNTY DEVELOPMENT STANDARDS AND ALL TECHNICAL STANDARDS ADOPTED THEREUNDER.

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DEPARTMENT OF PUBLIC WORKS--ENGINEERING SERVICES

TBM #236-34;
FOUND W.D.O.T. BRASS CAP STAMPED
"BM 37542-46" ELEV=444.10

NO.	REVISION	BY	DATE
0	ISSUED FOR REVIEW	NCS	10/5/16
1	REVISED PER W.C. COMMENTS	TEB	5/16/17
2			
3			
4			

BENNETT ENGINEERING, LLC

CIVIL ENVIRONMENTAL

2324 JAMES STREET
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Ph: (360) 671-2600
Cell: (360) 739-9844

JOB NO.: 16027

DWG. NAME: 16027-Eng Plan

DESIGNED BY: TEB

DRAWN BY: JSM

CHECKED BY: TEB

WHATCOM COUNTY LIBRARY SYSTEM

5205 NORTHWEST DRIVE
BELLINGHAM, WA 98226

PARKING LOT PAVING PLAN

NORTH FORK COMMUNITY LIBRARY

7506 KENDALL ROAD, WHATCOM CO.

DATE: OCTOBER 2016 SCALE: H: 1" = 20' V: N/A

DRAWING: C-2

SHEET: 2 OF 2