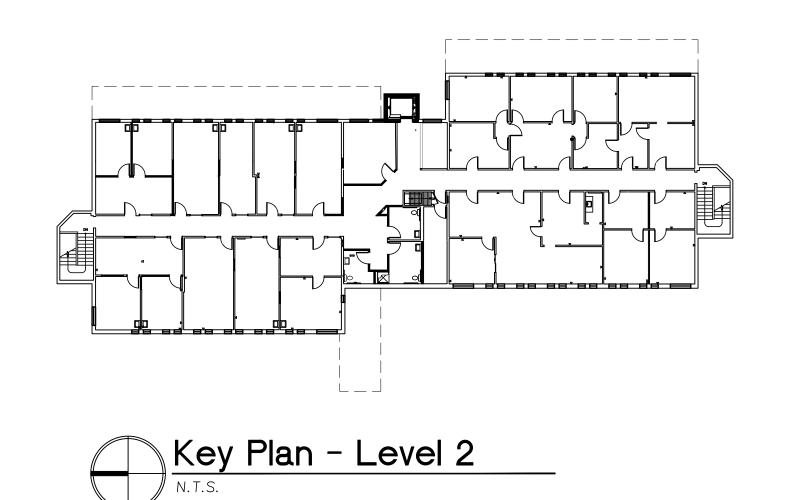
8101 SW Nyberg Building (New Elevator)

8101 SW Nyberg Street, Tualatin, OR 97062

ABBREVIATIONS	GENERAL NOTES	BUILDING SUMMARY	DRAWING INDEX
AC AIR CONDITIONING LAV LAVATORY ACT ACOUSTICAL CEILING TILE LF LINEAL FOOT ADJ ADJUSTABLE LKR LOCKER AFF ABOVE FINISH FLOOR LVR LOUVER ALT ALTERNATE LVT LUXURY VINY ALUM ALUMINUM MATL MATERIAL APC ACOUSTICAL PANEL CEILING MAX MAXIMUM APPROX APPROXIMATE MDF MEDIUM DEN ARCH ARCHITECTURAL MECH MECHANICAL AV AUDIO VISUAL MEZZ MEZZANINE B BASE MFR MANUFACTU BLK BLOCKING MIN MINIMUM BKR BACKER MIR MIRROR BLDG BUILDING MISC MISCELLANEC BM BEAM MTD MOUNTED BOD BASIS OF DESIGN MTL METAL BOT BOTTOM MU MULLION C CARPET MW MICROWAVE CAB CABINET NIC NOT IN CONT CG CORNER GUARD NTS NOT TO SCAL CL CENTER LINE OCC ON CENTER	ALARM COMMUNICATION DEVICES AND ALL OTHER REQUIREMENTS TO TO ALL PERTINENT BUILDING, FIRE AND LIFE SAFETY CODES. 3. FIRE EXTINGUISHERS FINAL LOCATIONS TO BE APPROVED BY THE FIRE FIRE EXTINGUISHERS TO BE LOCATED IN ACCESSIBLE LOCATIONS, IN FINE WITH A MAXIMUM PATH OF TRAVEL OF 75 FEET AND MAXIMUM FLOOR FOLLOWS: • LIGHT HAZARD OCCUPANCY — 1 PER 3,000 S.F. • ORDINARY HAZARD OCCUPANCY — 1 PER 1,500 S.F. • EXTRA HAZARD OCCUPANCY — 1 PER 1,000 S.F. 4. PROVIDE A SIGN READING "THIS DOOR SHALL REMAIN UNLOCKED WHELE IS OCCUPIED" AS DESIGNATED OR REQUIRED BY CODE OR BUILDING OF PENETRATING ITEMS PASSING ENTIRELY THROUGH BOTH PROTECTIVE OF BEARING WALLS ARE REQUIRED TO HAVE A FIRE—RESISTIVE TURNOR.	CONSTRUCTION TYPE V-N (NON-SPECTORS, FIRE CONFORM E MARSHAL. PLAIN VIEW E AREA AS BUILDING SIZE: BUILDING OCCUPANCY: AREA OF WORK: OCCUPANT LOAD FOR TENANT IMPROVEMENT: REFER TO FIRE OFFICIALS. MEMBRANES IG. WALLS	AO.1 SITE PLAN
CLG CEILING CLO CLOSER P PAINT CLR CLEAR CLEAR COL COLUMN PERF PERFORATED COR CORRIDOR COR CORRIDOR CONC CONCRETE PR PAIR COWC CONCRETE PR PAIR COWC CONCRETE PR PAIR COWC CONCRETE PR PAIR COWC CONCRETE PR PAIR DI POLISHED D DEMOLITION PP POWER POLE DF DRINKING FOUNTAIN PWD PLYWOOD DIA DIAMETER DW DISHWASHER RB RUBBER BASE DWG DRAWING RCP REFLECTED CO DWR DRAWER E EXISTING REF REFERENCE E A EACH ELEC ELECTRICAL ELEC ELECTRICAL ELEV ELEVATOR ELEV ELEVATOR EQUIP EQUIPMENT SF SQUARE FEEL EXT EXTERIOR FA FIRE ALARM SHT SHEET FD FLOOR DRAIN FE FIRE EXTINGUISHER FF FINSHED FLOOR FFIN FACTORY FINISH FF FINISHED FLOOR FFIN FACTORY FINISH FIN FINISH STEL CONTRACTOR FIRE FACTORY FINISH FIRE FLOORING FAR FIRE ALARD FIRE FLOORING FAR FIRE ALARD FIRE FLOORING FIRE FLOORING FIRE FLOORING FILE FOR STANDARD FLRG FOO FACE OF FOIC FURNISHED BY OWNER, INSTALLED BY FUR FURNISHED BY TENANT, INSTALLED BY TO PYPICAL FUN TITLUP FUT FUTURE FUT FUTURE TYP TYPICAL FUN INISHED SO THE OWN INSTALLED BY TO TO POF SLAB CONTRACTOR FURNISHED BY TENANT, INSTALLED BY TO TO POF SLAB GC GENERAL CONTRACTOR UNF UNFINISHED TO NO WILLENS OTHE FURN FURRING FURR FURRING FURRINISHED FUN FUT FUTURE TYP TYPICAL GA GAUGE UNON UNLESS OTHE FUN FUTRISHISHED	SPECIFIC POLICIES OF PROPERTY MANAGEMENT FOR COMPLETING WOR PROPERTY, ALL WORK SHALL BE IN STRICT ACCORDANCE WITH ALL A CODES, LAWS, RULES AND REGULATIONS HAVING JURISDICTION. CONTR RESPONSIBLE FOR INSPECTIONS OF WORK. CONTRACTOR SHALL OBTAL PERMANENT CERTIFICATE OF OCCUPANCY PRIOR TO TENANT MOVE IN. 2. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION, CONFLICTS SHOULD BE BROUGHT TO THE ATTENTION ARCHITECT. 3. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK AND IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES AND ORDINAL THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ADEQUATE PR TO PROTECT BUILDING OCCUPANTS, MATERIALS, AND EXISTING FINISH HAROUGHOUT ALL PHASES OF CONSTRUCTION. NOISE, SECURITY AND BARRIERS BETWEEN CONSTRUCTION ARCAS AND OCCUPIED OR PUBLIC SER SHALL BE MAINTAINED BY CONTRACTOR. TEMPORARY STRUCTURES WEREOUGH TEMPORARY STRUCTURES WEREOUGH TEMPORARY STRUCTURES WEREOUGH TEMPORARY STRUCTURES WEREOUGH THE PROPERTY SECURITY AND WISING NONCOMBUSTIBLE, FLAME-RESISTANT, ETC. MATERIALS. THE USE POLYPROPYLENE PLASTIC OR SIMILAR COMBUSTIBLE MATERIALS (PLYW TO ENCLOSE DEMOLITION WORK IS NOT PERMITTED BY THIS SECTION. MATERIALS PROVIDED UNDER THIS CONTRACT FOR A PERIOD OF ONE UPON COMPLETION OF CONSTRUCTION. CHANGES ON SHOP DRAWINGS ON SATISFY THIS REQUIREMENT. 5. THE CONTRACTOR SHALL WARRANTEE ALL PARTS, LABOR, EQUIPMENT, MATERIALS PROVIDED UNDER THIS CONTRACT FOR A PERIOD OF ONE UPON COMPLETION OF CONSTRUCTION. CHANGES ON SHOP DRAWINGS ON SATISFY THIS REQUIREMENT. 5. ALL MATERIALS AND EQUIPMENT TO BE INSTALLED IN STRICT ACCORD ACCESSORIES LIGHTING FIRE/LIFE SAFETY DEVICES LOCATIONS 5. ALL MATERIALS AND EQUIPMENT TO BE INSTALLED IN STRICT ACCORD MANUFACTURE SECURITY AND AND TRADE ASSOCIATED ACCESSORIES LIGHTING FOR APPROVAL TO ASSURE ALL SCHEDULES ARE MET AND ALL WORK IS DONE CONFORMANCE TO MANUFACTURER'S REQUIREMENTS. 5. ALL MATERIALS AND EQUIPMENT TO BE INSTALLED IN STRICT ACCORD MANUFACTURER'S REQUIREMENTS. 10. ALL WORK LISTED, SHOWN, OR IMPLIED ON ANY CONSTRUCTION DOC	PANCE WITH BY THE DANCE WITH BY THE DANCE WITH BEPTED MENTS DINIESS DI	SENGA STI SW NYBERG ST
KEY PLAN			PROJECT TEAM

Key Plan – Level 1 N.T.S.



Client

NORTH RIM DEVELOPMENT GROUP 819 SE MORRISON STREET, SUITE 110 PORTLAND, OREGON 97214 CONTACT PERSON: JEFFREY WEITZ EMAIL: JW@NORTHRIMPDX.COM

Architect

CCB#: 181526

MDG ARCHITECTURE | INTERIORS
4875 SW GRIFFITH DRIVE, SUITE 300
BEAVERTON, OREGON 97005
VOICE: 503-244-0552
CONTACT PERSON: SABINE O'HALLORAN
EMAIL: SABINE@MDGPC.COM

General Contractor

NORTH RIM PARTNERS, INC. 819 SE MORRISON STREET, SUITE 110 PORTLAND, OR 97214 ARCHITECTURE | INTERIORS

4875 SW GRIFFITH DRIVE, SUITE 300
BEAVERTON, OREGON 97005
0 | 503.244.0552



Client / Owner: North Rim Development Group

819 SE Morrison St, Suite 110 Portland, OR 97214

Project:

8101 SW Nyberg Building New Elevator

8101 SW Nyberg Street Tualatin, OR 97062

Sheet Title:

Cover Sheet

Revisions:

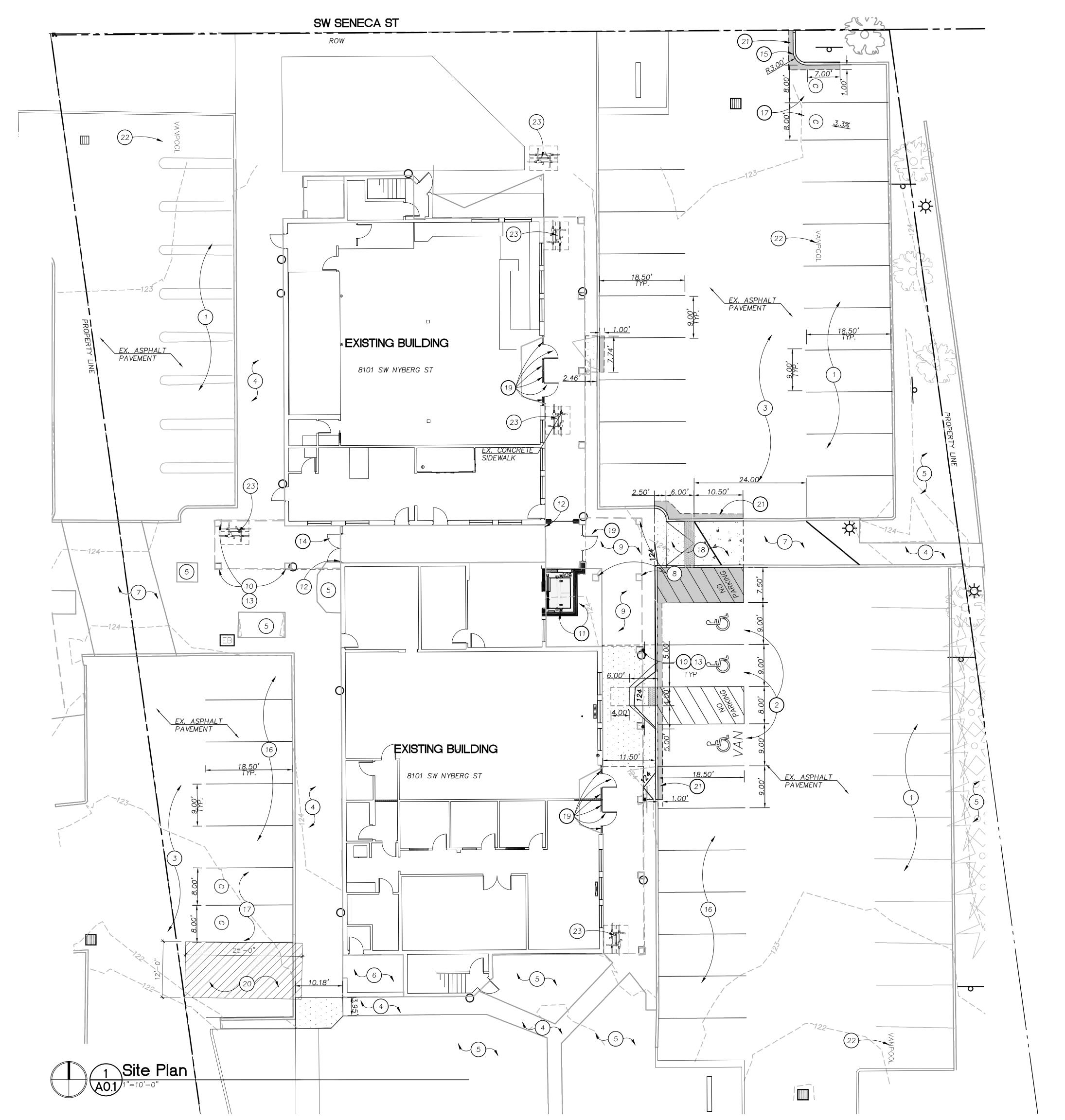
MDG ARCHITECTURE | INTERIORS, 2023, ALL RIGHTS RESERVED ©

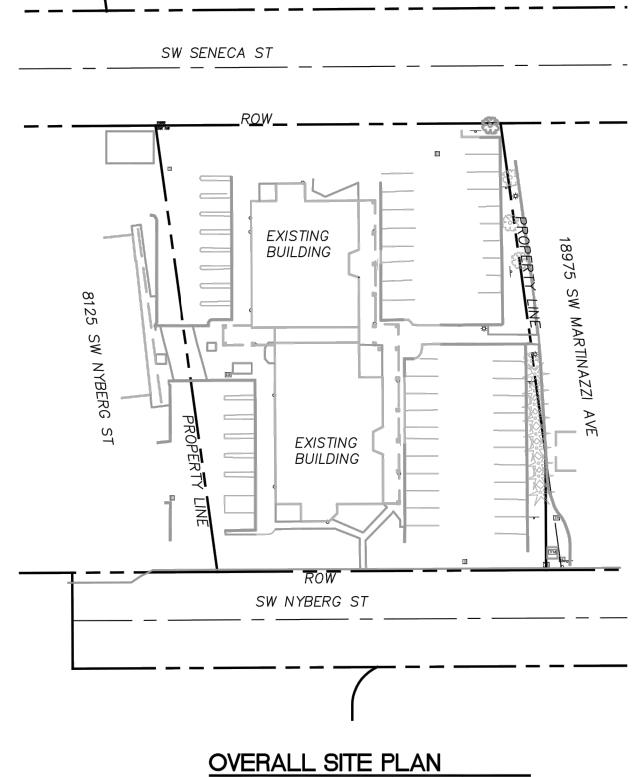
THESE DRAWINGS ARE THE PROPERTY OF MDG ARCHITECTURE | INTERIORS, AND ARE NOT TO BE USED OR REPRODUCED IN ANY MANNER, EXCEPT WITH THE PRIOR WRITTEN PERMISSION OF MDG ARCHITECTURE | INTERIORS

 Date:
 04/28/2023

 Job Number:
 122099

 Sheet





Keynotes

- 1. EXISTING STANDARD PARKING TO REMAIN
- 2. ACCESSIBLE PARKING STALL, AISLE, SIGNAGE
- 3. EXISTING DRIVE AISLE TO REMAIN
- 4. EXISTING SIDEWALK TO REMAIN
- 5. EXISTING LANDSCAPE AREA TO REMAIN 6. EXISTING TRASH ENCLOSURE TO REMAIN
- 7. EXISTING CONCRETE ACCESSIBLE ROUTE TO PUBLIC STREET FLUSH WITH DRIVE
- 8. REMOVE EXISTING COLUMN
- 9. REMOVE EXISTING CANOPY
- 10. REMOVE BRICK FROM CANOPY COLUMN
- 11. NEW EXTERIOR WALL (1HR RATED) STUCCO FINISH AT NEW ELEVATOR 12. NEW EXTERIOR WALL WITH STUCCO FINISH
- 13. NEW METAL FRAMING AT COLUMN WITH STUCCO FINISH
- 14. NEW DOUBLE STOREFRONT DOOR TO MATCH EXISTING
- 15. REPAIR EXISTING CURB
- 16. REPAINT PARKING STALLS 17. COMPACT PARKING STALLS
- 18. REMOVE AND REPLACE SIDEWALK AND RAMP SEE CIVIL 19. NEW STOREFRONT GLAZING AND STOREFRONT DOOR
- 20. LOADING BERTH
- 21. MODIFIED PAVING SEE CIVIL
- 22. VANPOOL SPACE
- 23. BIKE RACK FOR 2 BIKES



Client / Owner: North Rim Development Group

819 SE Morrison St, Suite 110 Portland, OR 97214

Project:

8101 SW Nyberg Building New Elevator

8101 SW Nyberg Street

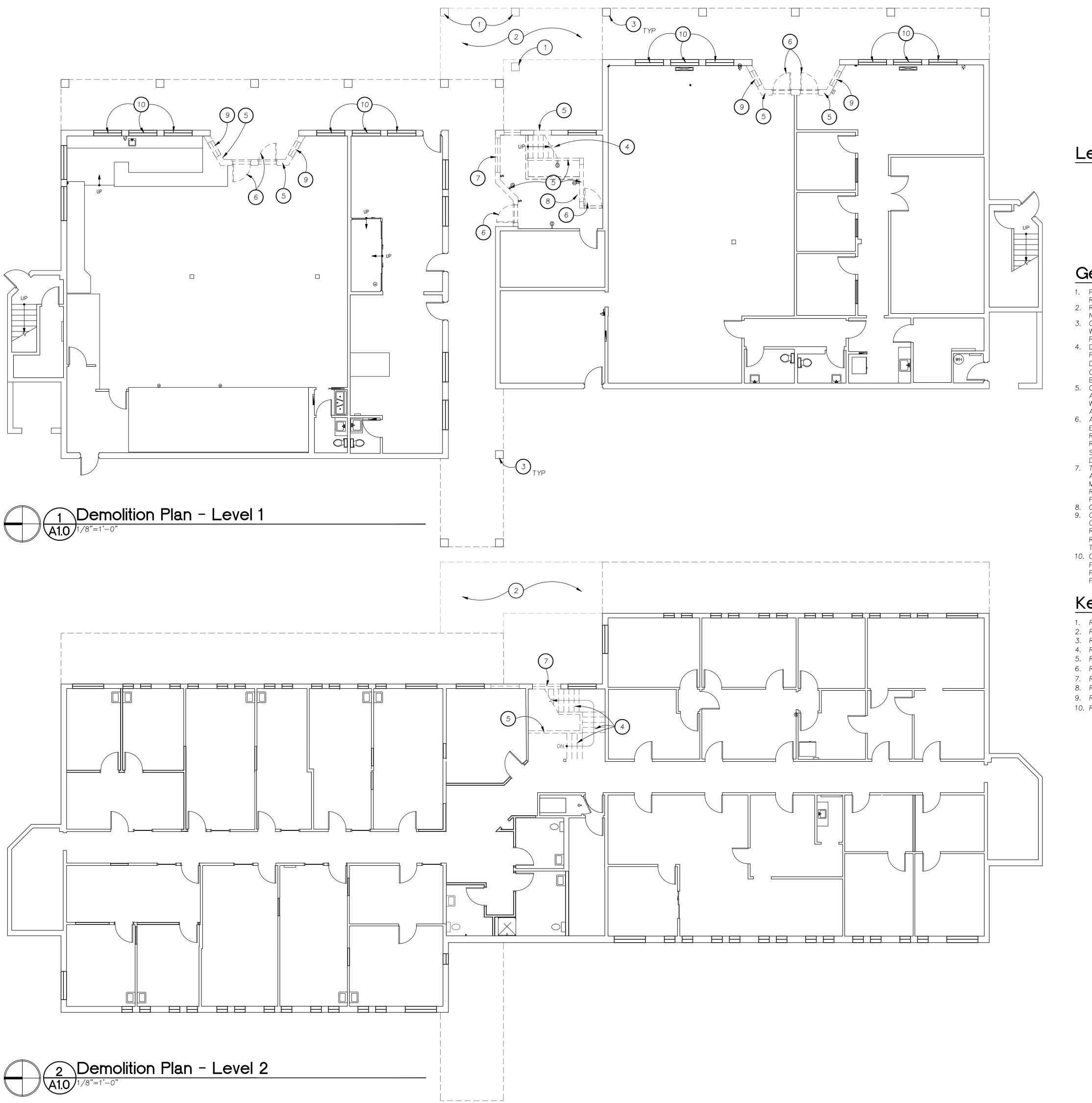
Tualatin, OR 97062

Sheet Title: Site Plan

Revisions:

THESE DRAWINGS ARE THE PROPERTY OF MDG ARCHITECTURE | INTERIORS, AND ARE NOT TO BE USED OR REPRODUCED IN ANY MANNER, EXCEPT WITH THE PRIOR WRITTEN PERMISSION OF MDG ARCHITECTURE | INTERIORS

07/14/2023 122099 Job Number: Sheet



Legend - Demolition Plan

WALL OR ITEM TO BE REMOVED

EXISTING WALL TO REMAIN

General Notes - Demolition Scope

- 1. PARTITIONS, DOORS, RELITES & ITEMS SHOWN AS DASHED ARE TO BE REMOVED OR RELOCATED. REUSABLE MATERIALS TO BE RETURNED TO BUILDING STOCK. 2. REMOVE EXISTING FLOOR FINISH THROUGHOUT AREA OF WORK. PREP TO RECEIVE
- NEW FLOOR FINISHES COORDINATE NEW FLOOR FINISH WITH BUILDING OWNER. 3. CAP OFF ALL UNUSED ELECTRICAL, LOW VOLTAGE CABLING, AND PLUMBING FEEDS. WHERE POSSIBLE ALL ABANDONED UTILITY FEEDS TO BE REMOVED BACK TO THE
- POINT OF ORIGIN. REMOVE CONDUIT WHERE POSSIBLE. 4. DEMOLITION CONTRACTOR IS NOT TO REMOVE ANY STRUCTURAL ELEMENTS WITHOUT PRIOR DIRECTION AND AUTHORIZATION BY A STRUCTURAL ENGINEER. CONDUCT DEMOLITION TO AVOID DAMAGE TO EXISTING BUILDING SHELL / STRUCTURE. CEASE OPERATION AND NOTIFY OWNER IMMEDIATELY IF SHELL/ STRUCTURE APPEARS TO
- CONTRACTOR SHALL VERIFY ALL FIELD DIMENSIONS AND CONDITIONS AND REPORT ANY CONFLICTS OR QUESTIONS FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK. CONTRACTOR NOT TO SCALE ANY DRAWINGS, CONTACT ARCHITECT FOR ADDITIONAL DIMENSIONS.
- 6. AT LOCATIONS WHERE NEW WALL CONSTRUCTION INTERSECTS OR JOINS WITH EXISTING OR ADJACENT CONSTRUCTION THE CONTRACTOR'S DISCRETION IS REFERRED TO FOR INTERPRETATION OF THE LIMITS UNDER WHICH WALLS TO REMAIN ARE TO BE DEMOLISHED ENTIRELY, TO BE REUSED OR TO PROVIDE SELECTIVE DEMOLITION. PATCH/ REPAIR EXISTING SHEET ROCK AT AREAS OF
- AND ORDERLY CONDITION AND LEFT FREE FROM ACCUMULATIONS OF WASTE MATERIALS, DUST AND RUBBISH DURING THE ENTIRE CONSTRUCTION PERIOD. REMOVE CRATES, CARTONS, AND OTHER FLAMMABLE WASTE MATERIALS OR TRASH FROM THE WORK AREA AT THE END OF EACH WORKING DAY.
- 8. CARE TO BE TAKEN NOT TO DAMAGE CEILING TILE AND GRID TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO FINISHES OR COMPONENTS NOT SCHEDULED FOR DEMOLITION. DAMAGED ITEMS SHALL BE REPLACED OR REPAIRED TO MEET OR EXCEED FORMER CONDITIONS. THE RENOVATION, DEMOLITION, AND/OR NEW CONSTRUCTION WILL UTILIZE AS MUCH OF
- THE EXISTING COMPONENTS AS NOTED PER PLANS, U.N.O. 10. CONTRACTOR SHALL EXERCISE CARE IN REMOVAL OF ANY COMPONENTS (I.E. DOORS, FRAMES, FIXTURES, CEILING TILE) THAT MAY BE REUSED ON THIS OR FUTURE PROJECTS. CONTRACTOR SHALL COORDINATE APPROPRIATE STORAGE LOCATIONS

Keynotes - Demolition Plan

- 1. REMOVE EXISTING COLUMN
- 2. REMOVE EXISTING CANOPY
- 3. REMOVE BRICK FROM CANOPY COLUMN
- 4. REMOVE STAIRS
- 5. REMOVE WALL 6. REMOVE DOOR/FRAME
- 7. REMOVE GLAZING/FRAME
- 8. REMOVE MAILBOXES.
- 9. REMOVE EXISTING WINDOW/FRAME
- 10. REMOVE EXISTING WINDOW/FRAME AND LOWER WINDOW SILL TO 8" A.F.F.





Client / Owner: North Rim Development Group

819 SE Morrison St, Suite 110 Portland, OR 97214

Project:

8101 SW Nyberg Building New Elevator

8101 SW Nyberg Street Tualatin, OR 97062

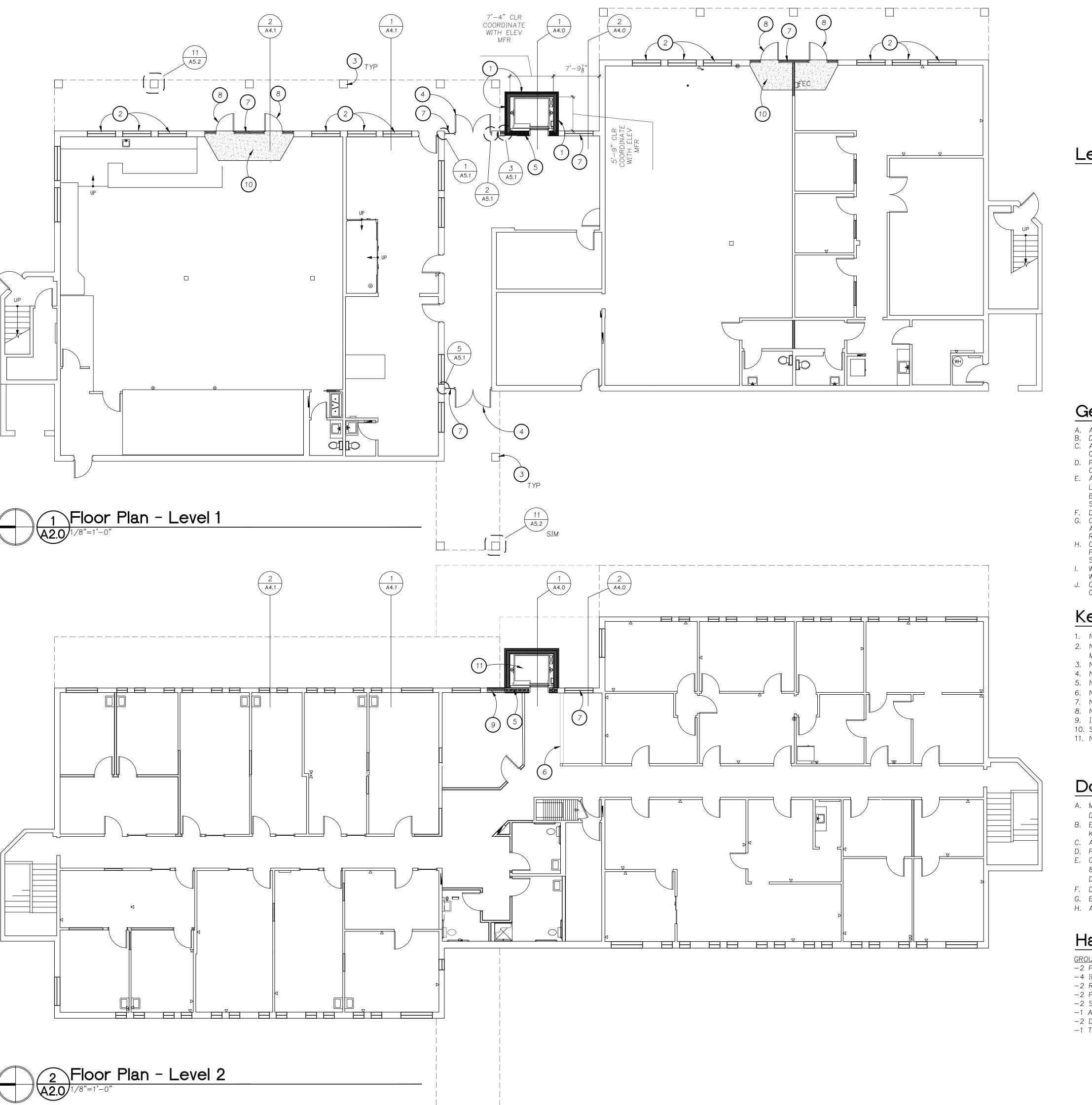
Sheet Title:

Demolition Plan

Revisions:

THESE DRAWINGS ARE THE PROPERTY OF MDG ARCHITECTURE | INTERIORS, AND ARE NOT TO BE USED OR REPRODUCED IN ANY MANNER, EXCEPT WITH THE PRIOR WRITTEN PERMISSION OF MDG ARCHITECTURE | INTERIORS

04/28/2023 Job Number:



Legend - Floor Plan

EXISTING PARTITION WALL

NEW EXTERIOR WALL (TYPE D)

NEW EXTERIOR WALL (TYPE E)

NEW 1-HR RATED WALL (TYPE F)

General Notes - Floor Plan

- A. ALL POWER TERMINATIONS ARE EXISTING UNLESS DENOTED AS NEW. B. DIMENSIONS ARE TO FACE OF FINISH U.O.N.
- C. ALL WORK AND MATERIALS TO CONFORM TO BUILDING STANDARDS UNLESS NOTED
- D. PROVIDE BUILDING MANAGEMENT WITH AS BUILT DOCUMENTATION/ DRAWINGS AT
- COMPLETION OF CONSTRUCTION.
- E. AT OFFICE AREAS: ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWCI STANDARDS. APPLY A DRYWALL PRIMER (SHEETROCK BRAND "FIRST COAT" OR EQUIV.) PRIOR TO FINAL FINISH COAT TO MINIMIZE SURFACE TEXTURE VARIATIONS.
- DOORS AND CASED OPENINGS STANDARD OFFSET FROM ADJACENT WALL IS 4" U.O.N. G. CONTRACTOR TO VERIFY AND COORDINATE CLEARANCE REQUIREMENTS FOR APPLIANCES, PLUMBING FIXTURES, AND ANY OTHER ITEMS WITH SPECIAL CLEARANCE REQUIREMENTS PRIOR TO FRAMING WALLS.
- H. CONTRACTOR TO PROVIDE BACKING AT CORNER GUARD, GRAB BARS, TOILET PARTITION AND URINAL SCREENS, ADA SHOWER SEAT LOCATIONS, DOOR WALL STOPS, CASEWORK, AND ANY WALL MOUNTED TENANT PROVIDED ITEMS.
- I. WOOD UTILIZED FOR INTERIOR FRAMING/BACKING TO BE FIRE-RETARDANT TREATED
- J. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.

Keynotes - Floor Plan



- 1. NEW EXTERIOR WALL STUCCO FINISH AT NEW ELEVATOR 2. NEW STOREFRONT WINDOW TO MATCH EXISTING WITH SILL AT 8" A.F.F. AT
- MODIFIED OPENING
- 3. NEW METAL FRAMING AT COLUMN WITH STUCCO FINISH
- 4. NEW DOUBLE STOREFRONT DOOR TO MATCH EXISTING 5. NEW 1 HOUR RATED WALL - TYPE F
- 6. NEW PARTIAL HEIGHT WALL 42" TALL, SEE DETAIL 7/A5.0
- 7. NEW STOREFRONT WINDOW TO MATCH EXISTING
- 8. NEW STOREFRONT DOOR TO MATCH EXISTING WITH HARDWARE GROUP 6
- 9. INFILL WINDOW OPENING TO MATCH EXISTING WALL TYPE E 10. SLAB ON GRADE AT ENTRY INFILL
- 11. NEW TKE ENDURA HMRL 2500 ELEVATOR

Door / Hardware Notes

- A. MAIN EXIT DOOR TO HAVE SIGNAGE ABOVE THE DOOR STATING: "THIS
- DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED"
- B. EXIT DOORS ARE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR FORCE.
- C. ALL HARDWARE TO BE ADA COMPLIANT.
- D. PROVIDE 18 GA. BACKING AT ALL WALL STOP LOCATIONS, IF APPLICABLE.
- E. CLOSERS MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 8-1/2 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR
- F. DOOR CLEARANCES AT BOTTOM TO BE A MAXIMUM $\frac{1}{2}$ "
- G. EXTERIOR DOOR/FRAMES ALUMINUM WITH FINISH TO MATCH EXISTING.
- H. ALL HARDWARE TO BE 626 FINISH U.O.N.

Hardware Groups

- <u>GROUP 6 PASSAGE</u> -2 PIVOT SETS
- -4 INTERMEDIATE PIVOTS
- -2 RIM CYLINDERS
- -2 PANIC HARDWARE
- -2 SURFACE CLOSERS
- -1 ASTRAGAL
- -2 DOOR SWEEPS -1 THRESHOLD

THESE DRAWINGS ARE THE PROPERTY OF MDG ARCHITECTURE | INTERIORS, AND ARE NOT TO BE USED OR REPRODUCED IN ANY MANNER, EXCEPT WITH THE PRIOR WRITTEN PERMISSION OF MDG ARCHITECTURE | INTERIORS

04/28/2023

122099

4875 SW GRIFFITH DRIVE, SUITE 300

BEAVERTON, OREGON 97005

0 | 503.244.0552

Client / Owner:

Group

North Rim

Development

819 SE Morrison St, Suite 110

8101 SW Nyberg

New Elevator

8101 SW Nyberg Street

Tualatin, OR 97062

Floor Plan

Sheet Title:

Revisions:

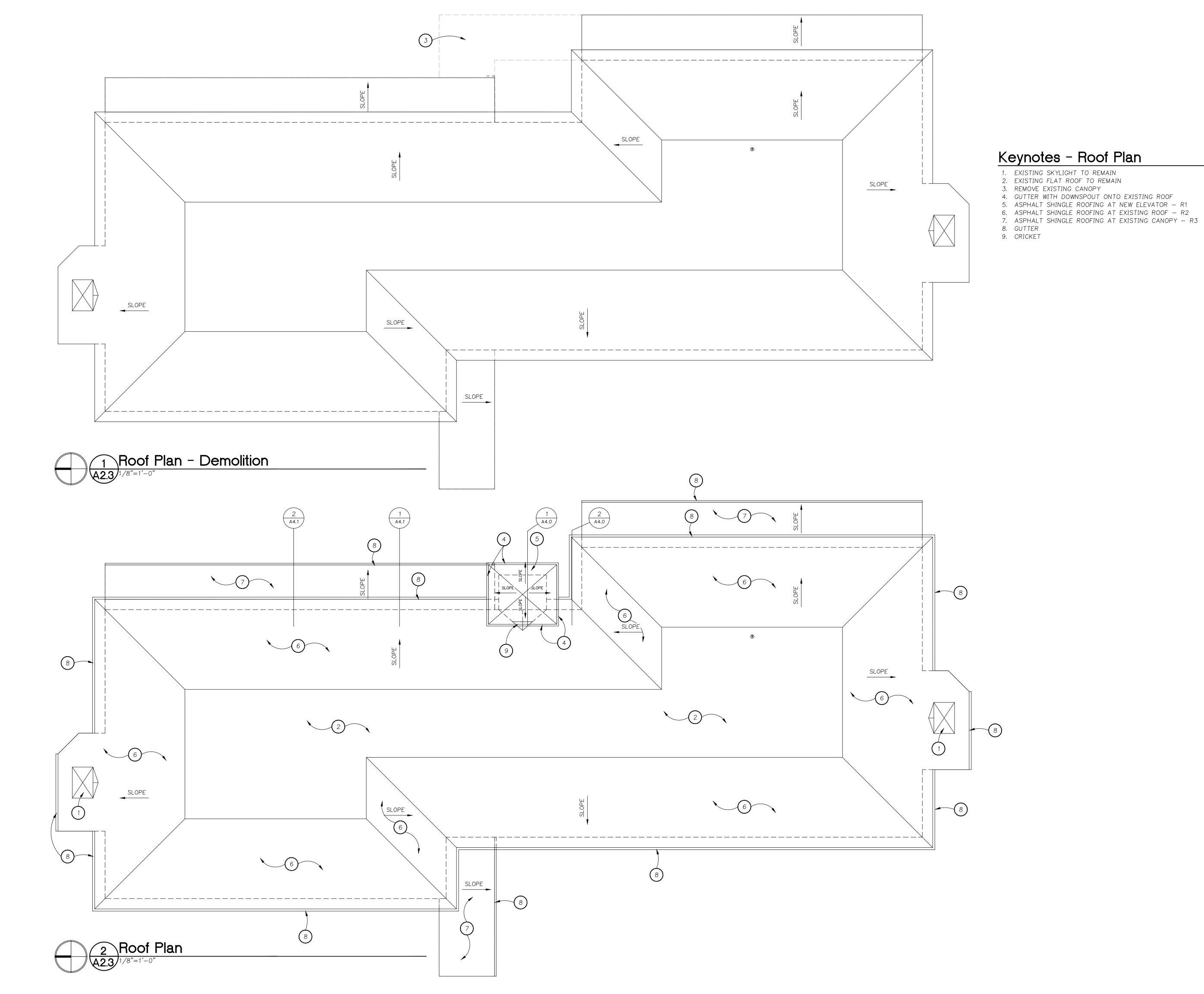
Portland, OR 97214

Project:

Building

Job Number: Sheet

Date:







Client / Owner:
North Rim
Development
Group

819 SE Morrison St, Suite 110 Portland, OR 97214

Project:

8101 SW Nyberg Building New Elevator

8101 SW Nyberg Street Tualatin, OR 97062

Sheet Title:
Roof Plan

____Revisions:

MDG ARCHITECTURE | INTERIORS, 2023,
ALL RIGHTS RESERVED ©

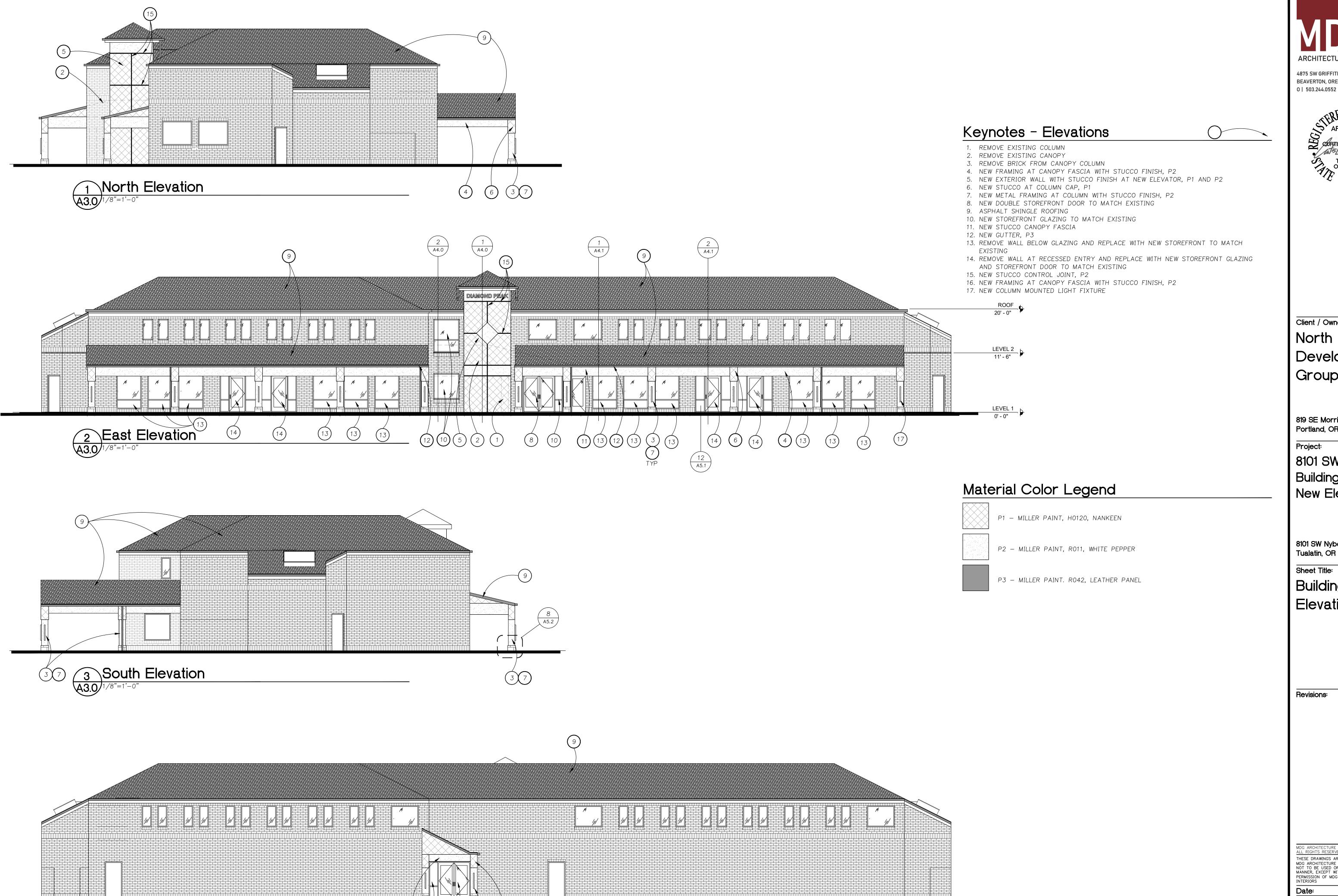
THESE DRAWINGS ARE THE PROPERTY OF
MDG ARCHITECTURE | INTERIORS, AND ARE
NOT TO BE USED OR REPRODUCED IN ANY
MANNER, EXCEPT WITH THE PRIOR WRITTEN
PERMISSION OF MDG ARCHITECTURE |
INTERIORS

 Date:
 04/28/2023

 Job Number:
 122099

 Sheet

APRIL 2023



West Elevation
A3.0 1/8"=1'-0"

4875 SW GRIFFITH DRIVE, SUITE 300 BEAVERTON, OREGON 97005

> ARI-12079
>
> CURTIS L. TROLAN
>
> TO ARD TIGARD, OREGON OF OF OREGON

Client / Owner: North Rim Development Group

819 SE Morrison St, Suite 110 Portland, OR 97214

Project:

8101 SW Nyberg Building New Elevator

8101 SW Nyberg Street Tualatin, OR 97062

Sheet Title:

Building Elevations

THESE DRAWINGS ARE THE PROPERTY OF MDG ARCHITECTURE | INTERIORS, AND ARE NOT TO BE USED OR REPRODUCED IN ANY MANNER, EXCEPT WITH THE PRIOR WRITTEN PERMISSION OF MDG ARCHITECTURE | INTERIORS

04/28/2023 122099 Job Number:

A3.0





Client / Owner: North Rim Development Group

819 SE Morrison St, Suite 110 Portland, OR 97214

Project:

8101 SW Nyberg Building New Elevator

8101 SW Nyberg Street Tualatin, OR 97062

Sheet Title: Rendering

Revisions:

THESE DRAWINGS ARE THE PROPERTY OF MDG ARCHITECTURE | INTERIORS, AND ARE NOT TO BE USED OR REPRODUCED IN ANY MANNER, EXCEPT WITH THE PRIOR WRITTEN PERMISSION OF MDG ARCHITECTURE | INTERIORS

04/28/2023 122099 Job Number:

APRIL 2023 A3.1

8101 SW NYBERG ST

PERMIT SET

SW SENECA ST **EXISTING** BUILDING EXISTING BUILDING ____ SW NYBERG ST **VICINITY MAP**

OWNER/DEVELOPER

NORTH RIM DEVELOPMENT GROUP 819 SE MORRISON ST, #110 PORTLAND, OR 97214 (503)525-1925 CONTACT: JEFFREY WEITZ

CIVIL ENGINEER

HUMBER DESIGN GROUP, INC. 110 SE MAIN ST, SUITE 200 PORTLAND, OR 97214 (503)946-5358 CONTACT: KRISTIAN MCCOMBS, PE

ARCHITECT

MILDREN DESIGN GROUP PC 4875 SW GRIFFITH DR BEAVERTON, OR 97005 (503)244-0552 CONTACT: SABINE O'HALLORAN

GENERAL NOTES

- 1. ALL CONSTRUCTION, MATERIALS, AND WORKMANSHIP SHALL CONFORM TO THE LATEST STANDARDS AND PRACTICES OF THE OREGON STRUCTURAL SPECIALTY CODE (BUILDING CODE), OREGON PLUMBING SPECIALTY CODE (PLUMBING CODE), AND THE OREGON FIRE CODE (FIRE CODE), LATEST EDITIONS.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL WORK WITH THE OWNER.
- 3. ALL PERMITS AND LICENSES NECESSARY FOR THE EXECUTION AND COMPLETION OF THE WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. ALL PERMITS AND LICENSES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY FOR, INCLUDE IN THEIR BUDGET AND PAY UNLESS OTHERWISE APPROVED BY OWNER IN
- 4. ALL EXCAVATORS MUST COMPLY WITH THE RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER, INCLUDING NOTIFICATION OF ALL OWNERS OF UNDERGROUND UTILITIES AT LEAST 48 HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090 AND ORS 757.541 TO 757.57. THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS 503-232-1987 AND THE LOCAL "CALL 48 HOURS BEFORE YOU DIG NUMBER" IS 503-246-6699.
- 5. THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS IS FOR INFORMATION ONLY AND IS NOT GUARANTEED TO BE ACCURATE. CONTRACTOR SHALL VERIFY ELEVATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF HUMBER DESIGN GROUP, INC. POTHOLE ALL CROSSINGS AS NECESSARY BEFORE CONSTRUCTION TO PREVENT GRADE AND ALIGNMENT CONFLICTS.
- 6. THE ENGINEER OR OWNER IS NOT RESPONSIBLE FOR THE SAFETY OF THE CONTRACTOR OR HIS CREW. ALL O.S.H.A. REGULATIONS SHALL BE STRICTLY ADHERED TO IN THE PERFORMANCE OF THE WORK.
- 7. TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE USED AS NEEDED. THE CONTRACTOR SHALL ADHERE TO WASHINGTON COUNTY EROSION CONTROL STANDARDS AS NECESSARY FOR EROSION CONTROL MEASURES.
- 8. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL ROADWAYS CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS.
- 9. BEFORE BACKFILLING ANY SUBGRADE UTILITY IMPROVEMENTS CONTRACTOR TO SURVEY AND RECORD MEASUREMENTS OF EXACT LOCATION AND DEPTH.
- 10. CONTRACTOR TO ADJUST ALL EXISTING OR NEW FLEXIBLE UTILITIES (WATER, GAS, TV, TELEPHONE, ELEC., ETC.) TO CLEAR ANY EXISTING OR NEW GRAVITY DRAIN UTILITIES (STORM DRAIN, SANITARY SEWER, ETC.) IF CONFLICT OCCURS.
- 11. HUMBER DESIGN GROUP, INC. ASSUMES NO RESPONSIBILITY FOR ANY DISCREPANCIES ENCOUNTERED BETWEEN THE CURRENT FIELD CONDITIONS AND THE INFORMATION SHOWN ON THE SURVEY MAP. THE CONTRACTOR IS RESPONSIBLE FOR REPORTING ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE.
- 12. MATERIALS TO BE STORED ON FINAL AC LIFTS WITH CRIBBING AND VISQUEEN TO PROTECT PAVING FROM DAMAGE AND STAINING.
- 13. EXISTING SURVEY MONUMENTS ARE TO BE PROTECTED DURING CONSTRUCTION OR REPLACE IN ACCORDANCE WITH OREGON REVISED STATUTES 209.140-209.155.

STORM SEWER NOTES

- 1. ALL STORM SEWER CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS AND THE APPLICABLE REQUIREMENTS OF CWS STANDARDS AND THE APPLICABLE REQUIREMENTS OF WASHINGTON COUNTY.
- 2. LOCATION OF EXISTING UTILITIES IS BASED ON AVAILABLE INFORMATION. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION AND INFORM THE ENGINEER OF ANY DISCREPANCIES IN THE PLANS. CALL FOR LOCATES AT LEAST 2 BUSINESS DAYS PRIOR TO CONSTRUCTION.
- 3. PIPE BEDDING AND BACKFILL SHALL CONFORM TO THE CWS STANDARDS.
- 4. THE CONTRACTOR SHALL AT ALL TIMES ABIDE BY APPLICABLE SAFETY RULES OF O.S.H.A. AND IN PARTICULAR THOSE PERTAINING TO ADEQUATE SHORING AND TRENCH PROTECTION OF WORKMEN.
- 5. RIM ELEVATIONS OF MANHOLES AND CLEANOUTS WITHIN PAVEMENT ARE APPROXIMATE, FINAL FINISHED RIM ELEVATIONS SHALL MATCH FINISHED PAVEMENT GRADES. RIMS OUTSIDE OF PAVEMENT SHALL BE SET 6" ABOVE FINISHED GRADE.
- 6. ALL STORM SYSTEMS SHALL BE VIDEO INSPECTED, PASS THE REQUIRED COMPACTION TEST (AASHTO T99), AND A DEFLECTION TEST, PER CWS STANDARDS.
- 7. CONTRACTOR MAY SUBSTITUTE PVC 3034 FOR THE STORM DRAIN PIPE MATERIAL ON THE DESIGNATED PLANS. PVC AND ADS PIPE SHALL MEET THE REQUIREMENTS OF CWS. A MANDREL TEST WILL BE OF THE REQUIRED NOTE THAT THESE ALTERNATIVE MATERIALS MAY ONLY BE USED WHERE A MINIMUM OF 4' OF COVER IS MAINTAINED. AND MUST BE APPROVED BY THE ENGINEER, OTHERWISE CONCRETE SEWER PIPE SHALL BE USED. ALL CSP SHALL BE ASTMC-14, CLASS 3 UNLESS OTHERWISE NOTED ON PLANS.
- 8. ALL STORM SEWER PIPE OUTSIDE OF WASHINGTON COUNTY R.O.W. SHALL BE GASKETED PIPE CONFORMING TO WASHINGTON COUNTY STANDARDS.
- 9. CONTRACTOR SHALL NOT CONSTRUCT PRIVATE STORM FACILITIES WITHOUT CITY OF TIGARD BUILDING DEPARTMENT APPROVAL.
- 10. A LICENSED PLUMBING CONTRACTOR IS REQUIRED TO INSTALL THE STORM DRAINS.
- 11. ALL TRENCHES PARALLEL TO A BUILDING SHALL BE KEPT OUT OF THE ANGLE OF REPOSE FOR THE BUILDING FOOTING.
- 12. ALL PIPE AND FITTINGS WITHIN TWO FEET OF A BUILDING SHALL BE OF A TYPE THAT IS ALLOWED FOR USE WITHIN THE BUILDING.
- 13. BUILDING SEWERS SHALL BE TESTED BY PLUGGING THE END OF THE BUILDING SEWER AT ITS POINTS OF CONNECTION WITH THE PUBLIC SEWER AND COMPLETELY FILLING THE BUILDING SEWER WITH WATER FROM THE LOWEST TO THE HIGHEST POINT THEREOF, OR BY APPROVED EQUIVALENT LOW-PRESSURE AIR TEST. THE BUILDING SEWER SHALL BE WATERTIGHT AT ALL POINTS. PUBLIC STORM TESTING PER PUBLIC WORKS STANDARDS.
- 14. A MINIMUM FIVE FEET (5') HORIZONTAL SEPARATION IS REQUIRED BETWEEN STORM AND WATER LINES. ALL CONSTRUCTION MUST MEET CLEAN WATER SERVICES, DEQ AND STATE WATER RESOURCES BOARD REQUIREMENTS FOR SEPARATION.
- 15. ALL MANHOLES LOCATED WITHIN DRIVE AISLES WILL HAVE LIDS THAT BOLT DOWN.

WATER UTILITY NOTES

- 1. ALL WATER LINES AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH WASHINGTON COUNTY, TUALATIN VALLEY WATER WATER DISTRICT, AND THE CITY OF TIGARD DESIGN AND CONSTRUCTION STANDARDS, AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS, OREGON ADMINISTRATIVE RULES (OAR), AND THE OREGON PLUMBING SPECIALTY CODE (OPSC), 2014.
- 2. LOCATIONS SHOWN FOR EXISTING UTILITIES ARE BASED ON AVAILABLE INFORMATION AND ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION, AND POTHOLE ALL EXISTING UTILITIES AS REQUIRED TO AVOID CONFLICTS WITH THE PROPOSED WATER LINE. INFORM THE ENGINEER OF ANY DISCREPANCIES IN THE PLANS.
- 3. THE EXCAVATION CONTRACTOR SHALL CALL THE OREGON UTILITY NOTIFICATION CENTER (1-800-332-2344) AT LEAST 48 HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS, BEFORE BEGINNING EXCAVATION. OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. COPIES OF THE RULES ARE AVAILABLE THROUGH THE NOTIFICATION CENTER. IF ADDITIONAL INFORMATION IS DESIRED, YOU MAY CONTACT THE WATER DEPARTMENT AT 503-615-6700.
- 4. THE CONTRACTOR SHALL NOTIFY THE TUALATIN VALLEY WATER DISTRICT AT 503-848-3000 A MINIMUM 48 HOURS (TWO BUSINESS DAYS) PRIOR TO CONSTRUCTION. WEEKENDS AND HOLIDAYS ARE NOT TO BE COUNTED AS PART OF NOTIFICATION TIME.
- WATER LINES SHALL BE CLASS 52 DUCTILE IRON PIPE PER AWWA C151 WITH A MINIMUM 36 INCHES OF COVER OVER THE TOP OF PIPE, UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS. ALL WATER LINES LOCATED UNDER A HARD SURFACE SHALL HAVE FULL DEPTH ROCK BACKFILL PER OREGON DEPT OF TRANSPORTATION (ODOT) STANDARDS, COMPACTED TO 95% AASHTO T-99. SEE ALSO, NOTE 21.
- 6. ALL WATER MAIN LINES, SERVICE FITTINGS, AND JOINTS SHALL BE RESTRAINED WITH MECHANICAL RESTRAINTS, FIELD LOCK GASKETS, OR APPROVED EQUIVALENT. SEE ALSO, NOTE 21.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE PROPER HORIZONTAL AND VERTICAL SEPARATION BETWEEN SANITARY SEWER LINES AND WATER LINES AS REQUIRED BY THE OREGON HEALTH AUTHORITY, PUBLIC HEALTH DIVISION, OAR 333-061-0050.
- 8. ON-SITE DOMESTIC WATER SERVICE LINES SHALL BE INSTALLED AS REQUIRED BY OPSC. CONTACT THE WASHINGTON COUNTY BUILDING DEPARTMENT AT 503-846-3470 FOR REQUIREMENTS.
- 9. PRIOR TO BEING PLACED IN SERVICE, ALL WATER LINES AND SERVICES SHALL BE LEAK TESTED, FLUSHED, AND STERILIZED BY THE CONTRACTOR, ALL IN ACCORDANCE WITH WASHINGTON COUNTY DESIGN AND CONSTRUCTION STANDARDS AND OPSC. A WATER DEPARTMENT REPRESENTATIVE MUST BE PRESENT DURING PRESSURE TESTING AND CHLORINATION. BAC-T TESTING SHALL BE INCLUDED AT CONTRACTORS EXPENSE IF REQUIRED BY AUTHORITY HAVING JURISDICTION.
- 10. THE CONTRACTOR SHALL PROTECT ALL WATER APPURTENANCES DURING CONSTRUCTION. ANY TESTED AND APPROVED WATER SERVICE THAT IS DISTURBED PRIOR TO THE CITY'S FINAL ACCEPTANCE OF ALL PUBLIC IMPROVEMENTS SHALL BE REMOVED AND REPLACED BACK TO THE WATER MAIN AT THE DEVELOPER'S EXPENSE.
- 11. NO CONNECTION TO AN EXISTING WATER LINE SHALL BE MADE WITHOUT AUTHORIZATION BY THE WASHINGTON COUNTY WATER DISTRICT.
- 12. NO WATER VALVE SHALL BE OPERATED WITHOUT AUTHORIZATION BY THE TUALATIN VALLEY WATER DISTRICT.
- 13. IN THE EVENT OF A CONFLICT OR CHANGE IN CONDITIONS. THE TUALATIN VALLEY WATER DISTRICT RESERVES THE RIGHT TO MAKE FIELD ADJUSTMENTS TO THE LOCATION OF A WATER LINE OR APPURTENANCE AS REQUIRED FOR CONSTRUCTION.
- 14. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES IN ACCORDANCE WITH CLEAN WATER SERVICES FROSION PREVENTION AND SEDIMENT CONTROL STANDARDS, CURRENT EDITION.
- 15. ALL EXISTING ASPHALT CONCRETE (AC) PAVEMENT AND/OR PORTLAND CEMENT CONCRETE (PCC) SHALL BE SAW CUT AS REQUIRED FOR REMOVAL.
- 16. ALL DAMAGE CAUSED BY THE CONTRACTOR SHALL BE RESTORED TO AN "AS GOOD OR BETTER" CONDITION AS DETERMINED BY THE TUALATIN VALLEY WATER DISTRICT.
- 17. WATER MAIN AND SERVICE SHUT-OFFS SHALL BE COORDINATED THROUGH A WATER DEPARTMENT REPRESENTATIVE. REQUIRED NOTIFICATION FOR SHUT-OFFS SHALL BE DONE ONLY AFTER ACCEPTANCE OF WATERLINE BY WATER DEPT. AND SHALL BE DONE 48 HOURS PRIOR FOR RESIDENTIAL PROPERTIES AND 72 HOURS PRIOR FOR COMMERCIAL OR INDUSTRIAL PROPERTIES, NOT COUNTING WEEKENDS & HOLIDAYS. FAILURE TO PERFORM WORK WITHIN THE STATED TIME WILL REQUIRE RE-NOTIFICATION.
- 18. TRAFFIC CONTROL IN THE RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND ODOT "MANUAL ON TRAFFIC PRACTICES HANDBOOK FOR LOCAL ROADS AND STREETS IN OREGON" DURING THE WORK DAY, ONE LANE OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. ALL LANES OF TRAFFIC SHALL BE RESTORED AT THE END OF EACH WORK DAY. ALL TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO WASHINGTON COUNTY ENGINEERING DIVISION OR APPLICABLE ROADWAY JURISDICTION FOR APPROVAL
- 19. THE CONTRACTOR SHALL CONFINE PUBLIC IMPROVEMENT WORK TO THE DEDICATED RIGHT-OF-WAY AND UTILITY EASEMENT AREAS.
- 20. DURING CONSTRUCTION, THE CONTRACTOR AND/OR SUBCONTRACTORS SHALL HAVE A MINIMUM OF ONE (1) SET OF APPROVED CITY STAMPED PLANS AND SPECIFICATIONS ON THE JOB SITE AT ALL TIMES.
- 21. THE CONTRACTOR SHALL VERIFY THE RESTRAINED CONDITION OF EXISTING WATER SYSTEM PIPES AND APPURTENANCES, AND INSTALL THRUST RESTRAINTS WHERE REQUIRED OR AS DIRECTED, PRIOR TO CUTTING AND REMOVAL OF ANY PORTION OF THE EXISTING WATER SYSTEM.

LEGEND

<u>EXISTING</u>	<u>PROPOSED</u>	<u>DESCRIPTION</u>
		CATCH BASIN
		ROOF DRAIN
\		LIGHT POLE
	_	SIGN
EN 3		TREE
		PROPERTY LINE
		CENTERLINE
		SAWCUT LINE
	-	EDGE OF PAVEMENT

ABBREVIATIONS

BFZ BUILDING FRONTAGE ZONE BM BENCHMARK BOT BOTTOM BOVA BLOW OFF VALVE BS BOSTOM OF STAIR BW BOTTOM OF STAIR BW BOTTOM OF WALL BWW BOTTOM OF WALL CONTRACTION JOINT CL CENTERLINE OF POPERTY LINE COLEANOUT OF GROEP CURVATURE BACKFLOW ASSEMBLY PL POPERTY LINE COLEANOUT OF CONNECTION PWB POORTICAND OF CONNECTION PWB POORTICAND OF CONNECTION PWB POORTICAND PWB PO	AD A-	AREA DRAIN ARCHITECTURAL	NO NWN	NUMBER NORTHWEST NATURAL
BM	BES	BUREAU OF	OD OF	OVERFLOW DRAIN
BM BOYA BLOW OFF VALVE BOTTOM OF STAIR BOTTOM OF STAIR BW BOTTOM OF WALL BW CENTERINE CE CIRC WALVE CO CLEANOUT TO GRADE CT CURP TAPER DC CIRC WALVE DC CONTRACTION JOINT OF CONNECTION CT CURP TAPER DC CIRC WALVE DC CONTRACTION CT CURP TAPER DC CIRC WALVE DC CONTRACTION CT CURP TAPER DC CIRC WALL DC CONTRACTION CT CURP TAPER DC CIRC WALL DC CONTRACTION CT CURP TAPER DC CIRC WALL DC CONTRACTION CT CONTRACTION	DEZ			
BOT				
BS BOTTOM OF STAIR BW BOTTOM OF WALL BWW BOTTOM OF WALL CL CATCH BASIN CL CONTRACTION JOINT CL CONTRACTION CL CONTRACTION CL CONTRACTION JOINT COURS TAPER CURVATURE CURVATION CONTROCTON CURVATION CONTROCTON CURVATION CONTROCTON CURVATION CONTROCTON CURVATI			PCC	POINT OF COMPOUND
BS BOTTOM OF STAIR BWW BACKWATER VALVE BWV BACKWATER VALVE CB CATCH BASIN CJ CONTRACTION JOINT CL CENTERLINE CJ CURB TAPER DCDA DOUBLE CHECK DETECTOR ASSEMBLY DCVA DOUBLE CHECK VALVE PSI POUNT OF REVERSE CURVATURE DVA DOUBLE CHECK VALVE ASSEMBLY PT POINT OF CONNECTION PPC POOLITION FREVERSE CURVATURE CURVATURE DVA DOUBLE CHECK VALVE PSI POUNT OF REVERSE CURVATURE DVA DOUBLE CHECK VALVE PSI POUNT OF REVERSE CURVATURE DVA DURILE IRON PIPE DV DVAILE IRON PIPE DS DOWNSPOUT DIL DETAIL DW DRYWELL DW CONNECTION E ELECTRICAL BW DRYWELL DW DRYWELL	BOVA		DEDE	
BWW BOTTOM OF WALL BWW BOACKWATER VALVE CB CATCH BASIN CJ CONTRACTION JOINT CL CONTRACTION JOINT CL CONTRACTION JOINT CO CLEANOUT TO GRADE CO CLEAN	DC			
BWW BACKWATER VALVE CB CATCH BASIN CJ CONTRACTION JOINT CL CENTERLINE CO CLEANOUT TO GRADE CT CURB TAPER DCDA DOUBLE CHECK DETECTOR ASSEMBLY DCVA DOUBLE CHECK VALVE DFU DARAINAGE FIXTURE UNIT DIP DUCTILE IRON PIPE DS DOWNSPOUT DIL DETAIL DW DRYWELL DW DRYWELL DW DRYWELL DW DRYWELL EG EXISTING GRADE E LECTRICAR EG EXISTING GRADE EJ EXPANSION JOINT ESMIT F FIRE FC FLUSH CURB FD FOUNDATION DRAIN FC FIRE HYDRANT FL FORCE MAIN FPH FROEE MAIN FPH FRE HYDRANT FL FORCE MAIN FPH FROEE MAIN FPH FIRE PROTECTION GE GUTTER EXISTING GE GEASE INTERCEPTOR GL GRID LINE GN ROW GNAMPING MINIMUM MULL PLATE MINIMUM				ELECTRIC
CJ CONTRACTION JOINT CL CENTERLINE CO CLEANOUT TO GRADE DCDA DOUBLE CHECK DETECTOR ASSEMBLY DCVA DOUBLE CHECK VALVE ASSEMBLY DFU DRAINAGE FIXTURE UNIT DIP DUCTILE IRON PIPE DS DOWNSPOUT DIN DETAIL DW DRYWELL DW DRYWELL DW DRYWELL DW DRYWELL EG ELECTRICAL EG EXISTING GRADE E ELECTRICAL EG EXISTING GRADE EL EXPANSION JOINT ESMT EASEMENT F FIRE FC FLUSH CURB FG FINISHED GRADE FD FOUNDATION DRAIN FDC FIRE DEPARTMENT CONNECTION FG FINISHED GRADE FF FINISHED GRADE FF FIRE PROTECTION FG FINISHED GRADE FF FIRE PROTECTION FG FLANGE FH FIRE HYDRANT FL FLOW LINE FF FRE PROTECTION FG FLANGE FF FIRE PROTECTION FG GUTTER FF FRE PROTECTION FG GUTTER EXISTING GRADE BREAK GEN GENERATOR GEN	BWV	BACKWATER VALVE	PI RPBA	
CO CLEANOUT TO GRADE COURB TAPER				
CT CURB TAPER POLED POLE			PL	
DCDA DOUBLE CHECK VALVE DCVA ASSEMBLY DOUBLE CHECK VALVE DFU DOUBLE CHECK VALVE DPU DOUNDS PER SQUARE INCH POINT OF TANGENCY DOUBLE CHECK VALVE DPU POWER POURTHING ABREAU SCHOOL ASSEMBLY REDUCED PRESSURE BACKFLOW ASSEMBLY REDUCED PRESSURE SAMCKFLOW ASSEMBLY REDUCED PRESSURE SAVENING WALL SCHOOL ASSEMBLY REDUCED PRESSURE SEDMEN SCOOL SAWCUIT REDUCED PRESSURE SEDMEN SEWER STORM SEWER STORM SEWER STORM SEWER STORM DIMP STATION SEDMEN SEDIMENT MANHOLE SEDIMENT MANHOLE SEDIMENT MANHOLE SEDIMENT MANHOLE SEDIMENT MANHOLE SEDIMENT MANHOLE THE PROST PROOF HOSE BIBB SANITARY SEWER SANITARY SEWER SANITARY SEWER SANITARY SEWER SANITARY PUMP STATION SOON SANITARY PUMP STATION STORM PUMP STATION STORM PUMP STATION STORM PUMP STATION SECON SANITARY PUMP STATION SOON SANITARY PUMP STATION SOON SANITARY PUMP STATION SOON SANITARY PUMP STATION TOP OF PAVEMENT TOP O				POINT OF CONNECTION
DCVA DOUBLE CHECK VALVE PSI POUNDS PER SQUARE INCH POUNTS PUBLICATION OF TAMBER AND SAVITATION SATISFY PUBLIC UNIT PUBLIC U		CURB TAPER		
DCVA DOUBLE CHECK VALVE ASSEMBLY DFU DFU DRAINAGE FIXTURE UNIT DIP DUCTILE IRON PIPE DS DOWNSPOUT DTL DETAIL DW DRAYWELL DW DRYWELL DW DRYWELL DW DRAYWELL DW RADIUS POINT RADIUS POINT REDUCED PRESSURE BACKFLOW ASSEMBLY REDUCED PRESSURE BACKFLOW ASSEMBLY REDUCED WAY REDUCED PRESSURE BACKFLOW ASSEMBLY REDUCED WAY RED	DCDA		PRC	
ASSEMBLY DFU DRAINAGE FIXTURE UNIT DIP DUCTILE IRON PIPE DS DOWNSPOUT DTI DETAIL DW DRYWELL DW DWY DRYWELL DR DWALL DW DWA DRYWEAL DW WALL DW DWA DRYWEAL DW DWA DRYWEAL DW WALL DW DWA DRYWEAL DW WATER DLANTER DW DWA DRYWA DRAIN DW DWA DRYWEAL DW DWA DRYWA DRAIN DWA DRYWEAL DW DWA DRYWA DRAIN DWA DWA DRAIN DWA DRAIN DWA DRAIN DWA DRAIN DWA DRAIN DWA DRAIN DWA DWA DRAIN DWA DRA	DCVA		PSI	POUNDS PER SQUARE INCH
DS DOWNSPOUT PWB POWER DTL DETAIL DW DRYWELL PZ PEDESTRIAN ZONE E ELECTRICAL ROW RIGHT OF WAY EG EXISTING GRADE RP RADIUS POINT ESMT EASEMENT F FIRE FC FLUSH CURB RW RETAINING WALL FD FOUNDATION DRAIN S SLOPE FTD FOUNDATION DRAIN S SLOPE FTH FIRE HYDRANT FG FINISH FLOOR ELEVATION FF FIRE HYDRANT FL FLOW LINE FLG FLANGE FH FIRE HYDRANT FL FLOW LINE FLG GLANGE FH FRE HYDRANT FL FLOW LINE FLG GLANGE FM FORCE MAIN FP FIRE PROTECTION FP FIRE PROTECTION FF GUTTER G(E) GUTTER G(E) GUTTER G(E) GUTTER EXISTING GB GRADE BREAK GEN GENERATOR GEN GENERATOR GGN GAS METER GV GATE VALVE HP HIGH POINT HR HANDRAIL IP(E) TOP OF CURB EXISTING IF INVERT ELEVATION IS TOP OF PAVEMENT EXISTING IF INVERT ELEVATION IS INLET STRUCTURE L— LANDSCAPE LF LINVERT ELEVATION IS INLET STRUCTURE UP LOW POINT LT LEFT WOCH WATER SYSTEM FIXTURE UNIT WATER VELLOW PLASTIC CAP		ASSEMBLY	PT	
DS DOWNSPOUT PWB POWER DTL DETAIL DW DRYWELL PZ PEDESTRIAN ZONE E ELECTRICAL ROW RIGHT OF WAY EG EXISTING GRADE RP RADIUS POINT ESMT EASEMENT F FIRE FC FLUSH CURB RW RETAINING WALL FD FOUNDATION DRAIN S SLOPE FTD FOUNDATION DRAIN S SLOPE FTH FIRE HYDRANT FG FINISH FLOOR ELEVATION FF FIRE HYDRANT FL FLOW LINE FLG FLANGE FH FIRE HYDRANT FL FLOW LINE FLG GLANGE FH FRE HYDRANT FL FLOW LINE FLG GLANGE FM FORCE MAIN FP FIRE PROTECTION FP FIRE PROTECTION FF GUTTER G(E) GUTTER G(E) GUTTER G(E) GUTTER EXISTING GB GRADE BREAK GEN GENERATOR GEN GENERATOR GGN GAS METER GV GATE VALVE HP HIGH POINT HR HANDRAIL IP(E) TOP OF CURB EXISTING IF INVERT ELEVATION IS TOP OF PAVEMENT EXISTING IF INVERT ELEVATION IS INLET STRUCTURE L— LANDSCAPE LF LINVERT ELEVATION IS INLET STRUCTURE UP LOW POINT LT LEFT WOCH WATER SYSTEM FIXTURE UNIT WATER VELLOW PLASTIC CAP			PUE PVC	
DIL DETAIL PURP POWER DW DRYWELL DWG DRAWING E ELECTRICAL ROW RIGHT OF WAY EG EXISTING GRADE EJ EXPANSION JOINT ESMT EASEMENT F FIRE FC FLUSH CURB FD FOUNDATION DRAIN FDC FIRE DEPARTMENT CONNECTION FG FINISHED GRADE FH FIRE HYDRANT FL FLOW LINE FLAGE FM FORCE MAIN FP FIRE PROTECTION FO GUTTER G(F) GUTTER G(F) GUTTER G(F) GUTTER G(F) GUTTER G(F) GUTTER G(F) GEASE INTERCEPTOR G(F) GRADE BREAK GEN GENERATOR GEN GEASE INTERCEPTOR GI GREASE INTERCEPTOR GI GREASE INTERCEPTOR GI GREASE INTERCEPTOR GI GREASE INTERCEPTOR GO GATE VALVE HP HIGH POINT HR HANDRAIL IF (END WAY IN THE WEIL IF (END WAY IN THE WAY IN THE WEIL IN TOP OF PAVEMENT IN TOP OF PAVEMENT IN TOP OF PAVEMENT IN TOP OF PAVEMENT IN THE LEVATION IS INLET STRUCTURE UP LOW POINT UT LEFT WW WATER MATCHUST WATER WATER WATER WATER WATER WASTICHER WEIR WEIR WEIR WATER VELLOW PLASTIC CAP			PWB	
DW DRYWELL DWG DRAWING E ELECTRICAL EG EXISTING GRADE EJ EXPANSION JOINT ESMT EASEMENT F FIRE FC FLUSH CURB FD FOUNDATION DRAIN FDC FIRE DEPARTMENT CONNECTION FF FINISH FLOOR ELEVATION FG FINISHED GRADE FH FIRE HYDRANT FL FLORE FM FORCE MAIN FP FIRE PROTECTION FP FIRE PROST PROOF HOSE BIBB FZ FURNISHING ZONE G GUTTER G(E) GUTTER EXISTING GB GRADE BREAK GEN GENERATOR GG GADE BREAK GEN GENERATOR GG GABE BREAK GEN GENERATOR GG GABE SHOR GG GABE BREAK GF GMG GRADE BIBB SAD GRADE BREAK GEN GENERATOR GG GABE BREAK GEN GENERATOR GG GABE BREAK GF GMG GRADE BIBB SAD GRADE BREAK GF GMG GAS BREAK GF GRADE BREAK GF GMG GAS	DTL	DETAIL	PWR	POWER
ELECTRICAL EG EXISTING GRADE EJ EXPANSION JOINT ESMT EASEMENT FIRE FC FILUSH CURB FD FOUNDATION DRAIN FF FIRE FO FOUNDATION DRAIN FF FINISH FLOOR ELEVATION FG FINISH FLOOR ELEVATION FG FINISHED GRADE FH FIRE HYDRANT FL FLOW LINE FLG FLANGE FM FORCE MAIN FP FIRE PROTECTION FF FOR FORCE MAIN FOR GUTTER GE GUTTER GE GUTTER GE GRADE FF FINISH FLOOR ELEVATION FOR FINISH FLOOR ELEVATION FR FORCE MAIN GE GUTTER GE GUTTER GE GUTTER GE GUTTER GE GRADE GE GRADE GENERATOR GE GUTTER GE GRADE GENERATOR GE GENERATOR GE GENERATOR GE GRADE BREAK STD STANDARD GEN GENERATOR GE GRADE BREAK STD STANDARD GEN GENERATOR GE GREASE INTERCEPTOR GE GREASE INTERCEPTOR GE GABE BREAK STD STANDARD GEN GAS METER TO TOP OF CURB EXISTING TRENCH DRAIN TOP OF PAVEMENT THE FR IRON POP HIGH POINT TH TOP OF PAVEMENT THE FR IRON POP HIGH POINT TH TOP OF PAVEMENT THE FR IRON POP HIGH POINT THE FR IRON POP FOR STAIR WATER WEIR WHATER WEIR WHEE LANDSCAPE WATER VALVE WW WATER SYSTEM FIXTURE UNIT WW WATER VALVE WW WATER SYSTEM FIXTURE UNIT				
EG EXISTING GRADE EJ EXPANSION JOINT RPBA REDUCED PRESSURE ESAMT EASEMENT BACKFLOW ASSEMBLY RICH RICH RICH RICH RESULT RESERVED RESSURE BACKFLOW ASSEMBLY RESULT RICH RICH RICH RICH RICH RICH RICH RICH		UKAWING FLECTRICAL		
EJ EXPANSION JOINT EASEMENT F ESMT EASEMENT F F FIRE R FC FLUSH CURB RW RETAINING WALL FD FOUNDATION DRAIN S FDC FIRE DEPARTMENT S— STRUCTURAL CONNECTION SC SAWCUT FF FINISH FLOOR ELEVATION SD STORM SEWER FG FINISHED GRADE SDCO STORM CLEANOUT TO GRADE FH FIRE HYDRANT SDPS STORM PUMP STATION FIL FLOW LINE SEDMH SEDIMENT MANHOLE FLG FLANGE SHT SHEET FM FORCE MAIN SP SUMP PUMP FP FIRE PROTECTION SS SANITARY SEWER FPHB FROST PROOF HOSE BIBB SSAD SANITARY SEWER FZ FURNISHING ZONE SCCO SANTARY CLEANOUT TO G GUTTER G(E) GUTTER EXISTING SSCO SANITARY CLEANOUT TO G GUTTER G(E) GUTTER EXISTING SSCO SANITARY AREA DRAIN FZ FURNISHING ZONE SCCO SANITARY PUMP STATION G GUTTER G(E) GUTTER EXISTING SSCO SANITARY PUMP STATION G GUTTER G(E) GUTTER EXISTING SSCO SANITARY CLEANOUT TO GRADE G(E) GUTTER EXISTING SSCO SANITARY PUMP STATION GRADE G(E) GUTTER EXISTING SSCO SANITARY CLEANOUT TO GRADE G(E) GUTTER EXISTING SSCO SANITARY PUMP STATION G GENERATOR SWP STORMWATER PLANTER GI GREASE INTERCEPTOR TC TOP OF CURB GL GRID LINE TC(E) TOP OF CURB EXISTING GM GAS METER TD TRENCH DRAIN FY TOP OF PAVEMENT FT TOP OF PAVEMENT FT TOP OF PAVEMENT FT TOP OF PAVEMENT FT TOP OF STAIR FT TOP OF STA			RP	RADIUS POINT
FIRE FIRE CURB RW RETAINING WALL FOC FLUSH CURB RW RETAINING WALL FD FOUNDATION DRAIN S SLOPE FDC FIRE DEPARTMENT S— STRUCTURAL CONNECTION SC SAWCUT FF FINISH FLOOR ELEVATION SD STORM SEWER FG FINISHED GRADE SDCO STORM CLEANOUT TO GRADE FH FIRE HYDRANT SDPS STORM PUMP STATION FL FLOW LINE SEDMH SEDIMENT MANHOLE FLG FLANGE SHT SHEET FM FORCE MAIN SP SUMP PUMP FP FIRE PROTECTION SS SANITARY SEWER FPHB FROST PROOF HOSE BIBB SSAD SANITARY SEWER FZ FURNISHING ZONE SCO SANITARY AREA DRAIN FZ FURNISHING ZONE SCO SANITARY CLEANOUT TO G GUTTER G(E) GUTTER SISTING SSPS SANITARY PUMP STATION GB GRADE BREAK STD STANDARD GENERATOR SWP STORMWATER PLANTER GI GREASE INTERCEPTOR TC TOP OF CURB GL GRID LINE TC(E) TOP OF CURB EXISTING GM GAS METER GV GATE VALVE TJ TOOL JOINT HP HIGH POINT TP TOP OF PAVEMENT EXISTING IF IRON PIPE TW TOP OF PAVEMENT EXISTING IF IRON PIPE TW TOP OF STAIR IF IRON PIPE TW TOP OF WALL IF LINEAL FEET WEIR MH MANHOLE MH—X SAMPLING MANHOLE MM WATER SYSTEM FIXTURE UNIT MC MOUNTABLE CURB MH—X SAMPLING MANHOLE MY WATER SYSTEM FIXTURE UNIT MY WATER VALVE MY WATER SYSTEM FIXTURE UNIT MY WATER SYSTEM FIXTURE UNIT MY WATER SYSTEM FIXTURE UNIT MY WATER VALVE VELLOW PLASTIC CAP	EJ	EXPANSION JOINT	RPBA	
FC FLUSH CURB FD FOUNDATION DRAIN S SLOPE FD FOUNDATION DRAIN S SLOPE FDC FIRE DEPARTMENT S— STRUCTURAL CONNECTION SC SAWCUT FF FINISH FLOOR ELEVATION SD STORM SEWER FG FINISHED GRADE SDCO STORM CLEANOUT TO GRADE FH FIRE HYDRANT SDS STORM PUMP STATION FIL FLOW LINE FLG FLANGE SHT SHEET FM FORCE MAIN SP SUMP PUMP FP FIRE PROTECTION SS SANITARY SEWER FPHB FROST PROOF HOSE BIBB SSAD SANITARY SEWER FZ FURNISHING ZONE G GUTTER G(E) GUTTER EXISTING SSPS SANITARY PUMP STATION GB GRADE BREAK STD STANDARD GEN GENERATOR SWP STORMWATER PLANTER GI GREASE INTERCEPTOR TC TOP OF CURB EXISTING GM GAS METER GV GATE VALVE TJ TOOL JOINT HP HIGH POINT TP TOP OF PAVEMENT TOP OF PAVEMENT IN TOP OF PAVEMENT EXISTING IE INVERT ELEVATION TS IRR IRRIGATION IS INLET STRUCTURE LF LINEAL FEET WE WE WEIR LF LINEAL FEET WE WEIR WATER MANHOLE WSFU WATER SYSTEM FIXTURE UNIT MC MOUNTABLE CURB MH—X SAMPLING MANHOLE WSFU WATER SYSTEM FIXTURE UNIT MJ MECHANICAL JOINT WW WATER VALVE WATER VALVE WW WATER SYSTEM FIXTURE UNIT MY WATER VALVE WW WATER SYSTEM FIXTURE UNIT MY WATER VALVE WELLOW PLASTIC CAP			RT	
FD FOUNDATION DRAIN FDC FIRE DEPARTMENT CONNECTION FF FINISH FLOOR ELEVATION FF FINISH FLOOR ELEVATION FG FINISHED GRADE FH FIRE HYDRANT FL FLOW LINE FLG FLANGE FM FORCE MAIN FP FIRE PROTECTION FP FIRE PROTECTION FR GUTTER GG GENERATOR GI GREASE INTERCEPTOR GL GRID LINE GW GAS METER TH HANDRAIL IF HOPONT HP HIGH POINT HR HANDRAIL IF INVERT ELEVATION IS INLET STRUCTURE LANDSCAPE WWATER WAGE WATER QUALITY CATCH MANHOLE MH—X SAMPLING MANHOLE MF WW WATER SYSTEM FIXTURE UNIT MC MOUNTABLE CURB MH—X SAMPLING MIN MINIMUM MECHANICAL JOINT WY WATER VALVE V				
CONNECTION FF FINISH FLOOR ELEVATION SD STORM SEWER FG FINISHED GRADE FH FIRE HYDRANT FL FLOW LINE FM FORCE MAIN FP FIRE PROTECTION FP FIRE PROTECTION FZ FURNISHING ZONE G GUTTER G(E) GUTTER G(E) GUTTER EXISTING G(E) GUTTER EXISTING G(E) GUTTER EXISTING G(E) GENERATOR G(E) GENERATOR G(E) GRADE BREAK G(E) GROWN GAS METER G(F) GRADE BREAK G(F) GROWN GAS METER G(F) GRADE G(F) GAS METER G(F) GRADE BREAK G(F) GROWN GAS METER G(F) GRADE BREAK G(F) GROWN GAS METER G(F) GRADE BREAK G(F) GROWN GAS METER G(F) GROWN GAS METER G(F) GROWN GAS METER G(F) GROWN GAS METER G(F) GAS METER G(F) GROWN GAS METER G(F) GRO	FD	FOUNDATION DRAIN	S	
FF FINISH FLOOR ELEVATION FG FINISHED GRADE SDCO STORM CLEANOUT TO GRADE SCO STORM SEWER SCOOL STORM CLEANOUT TO GRADE SCOOL STORM CLEANOUT TO GRADE SCOOL STORM SEWER SCOOL STORM	FDC			
FG FINISHED GRADE FH FIRE HYDRANT FL FLOW LINE FLG FLANGE FM FORCE MAIN FP FIRE PROTECTION FP FIRE PROTECTION FOR GUTTER G(E) GUTTER G(E) GUTTER EXISTING GEN GENERATOR GEN GENERATOR GL GRID LINE GL TOP OF CURB EXISTING GL GRASE INTERCEPTOR GL GRASE INTERCEPTOR GL GRASE INTERCEPTOR GL GRASE INTERCEPTOR GL GRASE GRADE GRAD	FF		SD	STORM SEWER
FL FLOW LINE SEDMH SEDIMENT MANHOLE FLG FLANGE SHT SHEET FM FORCE MAIN SP SUMP PUMP FP FIRE PROTECTION SS SANITARY SEWER FPHB FROST PROOF HOSE BIBB SSAD SANITARY AREA DRAIN FZ FURNISHING ZONE GRADE G GUTTER G(E) GUTTER EXISTING GB GRADE BREAK STD STANDARD GEN GENERATOR SWP STORMWATER PLANTER GI GREASE INTERCEPTOR TC TOP OF CURB GL GRID LINE TC(E) TOP OF CURB EXISTING GW GAS METER TD TRENCH DRAIN GV GATE VALVE TJ TOOL JOINT HP HIGH POINT TP TOP OF PAVEMENT HR HANDRAIL TP(E) TOP OF PAVEMENT HR HANDRAIL TP(E) TOP OF WALL IF IRON ROD TYP TYPICAL IRR IRRIGATION TS TOP OF STAIR IP IRON ROD TYP TYPICAL IRR IRRIGATION VB VALVE BOX IS INLET STRUCTURE VIF VERIFY IN FIELD L— LANDSCAPE W WATER LF LINEAL FEET WEIR MH MANHOLE MH—X SAMPLING MANHOLE MS WHEEL STOP MINIMUM MECHANICAL JOINT YPC MINIMUM MECHANICAL JOINT TPC MC MOUNTABLE CURB MIN MINIMUM MECHANICAL JOINT YPC YELLOW PLASTIC CAP		FINISHED GRADE	SDCO	STORM CLEANOUT TO GRADE
FLG FLANGE FM FORCE MAIN FP FIRE PROTECTION FP FIRE PROTECTION FP FROST PROOF HOSE BIBB FZ FURNISHING ZONE G GUTTER GG GUTTER GGE) GUTTER EXISTING GB GRADE BREAK GEN GENERATOR GL GRID LINE GM GAS METER GV GATE VALVE HP HIGH POINT HR HANDRAIL IE INVERT ELEVATION IS INLET STRUCTURE IR IRRIGATION IS INLET STRUCTURE LF LINEAL FEET MC MM MANHOLE MH—X SAMPLING MIN MINIMUM MJ MECHANICAL JOINT MSSCAD SANITARY SEWER FRUMP PUMP STANDARD SANITARY CLEANOUT TO GRADE GRACE GRAD		FIRE HYDRANT		
FM FORCE MAIN FP FIRE PROTECTION FP FIRE PROTECTION FP FIRE PROTECTION FP FIRE PROST PROOF HOSE BIBB SSAD SANITARY SEWER FPHB FROST PROOF HOSE BIBB SSAD SANITARY AREA DRAIN FZ FURNISHING ZONE G GUTTER GG GUTTER GG GUTTER GG GUTTER EXISTING GB GRADE GRADE GRADE GRADE GRADE GENERATOR GENERATOR GI GREASE INTERCEPTOR GI GREASE INTERCEPTOR GI GRID LINE GW GAS METER GV GATE VALVE TJ TOOL JOINT HP HIGH POINT HR HANDRAIL HR HANDRAIL IP IRON PIPE IW TOP OF PAVEMENT IP TOP OF PAVEMENT EXISTING IE INVERT ELEVATION IF TOP OF STAIR IP IRON ROD IP IRON PIPE IW TOP OF STAIR IP IRON ROD IRR IRRIGATION IS INLET STRUCTURE L- LANDSCAPE UF LANDSCAPE UF LINEAL FEET UP LOW POINT WM WATER METER UP LOW POINT WM WATER METER UP LOW POINT WM WATER METER WEIR MH MANHOLE MM WATER SYSTEM FIXTURE UNIT MY WATER VALVE MIN MINIMUM MECHANICAL JOINT WY WATER SYSTEM FIXTURE UNIT MC MOUNTABLE CURB MIN MINIMUM MATER VALVE MATER SYSTEM FIXTURE UNIT MY WATER VALVE MINIMUM MATER VALVE MY WATER VALVE MY WATER SYSTEM FIXTURE UNIT MY WATER VALVE MY WATER SYSTEM FIXTURE UNIT MY WATER VALVE MY WATER SYSTEM FIXTURE UNIT MY WATER VALVE MIN MY MECHANICAL JOINT MY WATER VALVE MY WATER SYSTEM FIXTURE UNIT MY WATER VALVE MY WATER SYSTEM FIXTURE UNIT MY WATER VALVE MY WATER SYSTEM FIXTURE UNIT MY WATER VALVE				
FPHB FROST PROOF HOSE BIBB SSAD SANITARY AREA DRAIN FZ FURNISHING ZONE GRADE GRADE GRADE GRADE GRADE GRADE STANDARD STAN			SP	SUMP PUMP
FZ FURNISHING ZONE G GUTTER G(E) GUTTER EXISTING GB GRADE BREAK GEN GENERATOR GI GREASE INTERCEPTOR GI TOP OF CURB EXISTING GI TOP OF CURB GI				
G GUTTER EXISTING G(E) GUTTER EXISTING GB GRADE BREAK GEN GENERATOR GI GREASE INTERCEPTOR GI TOP OF CURB EXISTING TOP OF CURB EXISTING TOP OF PAVEMENT TOP OF PAVEMENT TOP OF PAVEMENT EXISTING TOP OF PAVEMENT EXISTING TOP OF STAIR TOP OF WALL TOP OF WALT TOP OF AVEMENT EXISTING TOP OF AVEMENT EXISTING TOP OF WALT TOP OF PAVEMENT TOP OF VERIFY TOP OF VALL TOP OF WALT TOP OF VALL TO			SSCO	
GEN GRADE BREAK STD STANDARD GEN GENERATOR SWP STORMWATER PLANTER GI GREASE INTERCEPTOR TC TOP OF CURB GL GRID LINE TC(E) TOP OF CURB EXISTING GM GAS METER TD TRENCH DRAIN GV GATE VALVE TJ TOOL JOINT HP HIGH POINT TP TOP OF PAVEMENT EXISTING IE INVERT ELEVATION TS TOP OF STAIR IP IRON PIPE TW TOP OF WALL IR IRON ROD TYP TYPICAL IRR IRRIGATION VB VALVE BOX IS INLET STRUCTURE VIF VERIFY IN FIELD L— LANDSCAPE W WATER LF LINEAL FEET WEIR LP LOW POINT WM WATER METER LT LEFT WQCB WATER WEIR LT LEFT WQCB WATER SYSTEM FIXTURE UNIT MC MOUNTABLE CURB MH MANHOLE WSFU WATER SYSTEM FIXTURE UNIT MC MOUNTABLE CURB MH MANHOLE WSFU WATER SYSTEM FIXTURE UNIT MC MOUNTABLE CURB MH MANHOLE WSFU WATER SYSTEM FIXTURE UNIT MC WATER VALVE MINIMUM XMFR TRANSFORMER MJ MECHANICAL JOINT YPC YELLOW PLASTIC CAP				GRADE
GEN GENERATOR SWP STORMWATER PLANTER GI GREASE INTERCEPTOR TC TOP OF CURB GL GRID LINE TC(E) TOP OF CURB EXISTING GM GAS METER TD TRENCH DRAIN GV GATE VALVE TJ TOOL JOINT HP HIGH POINT TP TOP OF PAVEMENT HR HANDRAIL TP(E) TOP OF PAVEMENT EXISTING IE INVERT ELEVATION TS TOP OF STAIR IP IRON PIPE TW TOP OF WALL IR IRON ROD TYP TYPICAL IRR IRRIGATION VB VALVE BOX IS INLET STRUCTURE VIF VERIFY IN FIELD L— LANDSCAPE W WATER LF LINEAL FEET WEIR WEIR LF LOW POINT WM WATER METER LT LEFT WQCB WATER QUALITY CATCH MC MOUNTABLE CURB MH MANHOLE WSFU WATER SYSTEM FIXTURE UNIT (SAMPLING) MIN MINIMUM XMFR TRANSFORMER MJ MECHANICAL JOINT YPC YELLOW PLASTIC CAP	G(E)	GUTTER EXISTING		
GI GREASE INTERCEPTOR GI GREASE INTERCEPTOR GL GRID LINE GM GAS METER GV GATE VALVE HP HIGH POINT HR HANDRAIL IE INVERT ELEVATION IF IRON PIPE IR IRON ROD IS INLET STRUCTURE L- LANDSCAPE LF LINEAL FEET LP LOW POINT LT LEFT MC MOUNTABLE CURB MH—X (SAMPLING) MIN MINIMUM MJ MECHANICAL JOINT TC TOP OF CURB TC(E) TOP OF CURB EXISTING TC(E) TOP OF CURB EXISTING TC(E) TOP OF CURB EXISTING TOP OF AVEMENT EXISTING TOP OF PAVEMENT EXISTING TOP OF PAVEMENT EXISTING TOP OF PAVEMENT TOP OF CURB WATENCH DRAIN TOP OF CURB WALL TOP OF CURB WATENCH DRAIN TOP OF PAVEMENT WALL TOP OF CURB WATENCH DRAIN WALL WATEN METER WEIR WEIR WEIR WATEN ATTENCH DRAIN WATEN SYSTEM FIXTURE UNIT WATEN VALVE WATEN VALVE TRANSFORMER MY WATEN VALVE TRANSFORMER MY WATEN VALVE TRANSFORMER MY WATEN VALVE TRANSFORMER				
GL GRID LINE TC(E) TOP OF CURB EXISTING GM GAS METER TD TRENCH DRAIN GV GATE VALVE TJ TOOL JOINT HP HIGH POINT TP TOP OF PAVEMENT HR HANDRAIL TP(E) TOP OF PAVEMENT EXISTING IE INVERT ELEVATION TS TOP OF STAIR IP IRON PIPE TW TOP OF WALL IRR IRRIGATION VB VALVE BOX IS INLET STRUCTURE VIF VERIFY IN FIELD L— LANDSCAPE W WATER LF LINEAL FEET WEIR WEIR LP LOW POINT WM WATER METER LP LOW POINT WM WATER METER LT LEFT WQCB WATER QUALITY CATCH MC MOUNTABLE CURB MH MANHOLE WS WHEEL STOP MH—X SAMPLING MANHOLE WSFU WATER SYSTEM FIXTURE UNIT (SAMPLING) MIN MINIMUM XMFR TRANSFORMER MJ MECHANICAL JOINT YPC YELLOW PLASTIC CAP			TC	TOP OF CURB
GV GATE VALVE HP HIGH POINT HR HANDRAIL IF INVERT ELEVATION IF IRON PIPE IRON ROD IF IRON ROD IF IRON BOS IS INLET STRUCTURE LF LINEAL FEET LP LOW POINT LT LEFT MC MOUNTABLE CURB MH MANHOLE MIN MJ MECHANICAL JOINT GV GATE VALVE TJ TOOL JOINT TP TOP OF PAVEMENT EXISTING TOP OF STAIR TOP OF STAIR TOP OF STAIR TOP OF VALL TYP TYPICAL WER TOP OF WALL TYP TYPICAL WALE TOP OF WALL WALE WALE WALE WALE WATER WEIR WEIR WEIR WATER METER WALE WATER QUALITY CATCH WATER SYSTEM FIXTURE UNIT WY WATER VALVE WATER VALVE TRANSFORMER WY FELLOW PLASTIC CAP	GL	GRID LINE	TC(E)	
HP HIGH POINT TP TOP OF PAVEMENT HR HANDRAIL TP(E) TOP OF PAVEMENT EXISTING IE INVERT ELEVATION TS TOP OF STAIR IP IRON PIPE TW TOP OF WALL IR IRON ROD TYP TYPICAL IRR IRRIGATION VB VALVE BOX IS INLET STRUCTURE VIF VERIFY IN FIELD L— LANDSCAPE W WATER LF LINEAL FEET WEIR WEIR LP LOW POINT WM WATER METER LT LEFT WQCB WATER QUALITY CATCH MC MOUNTABLE CURB MH MANHOLE WS WHEEL STOP MH—X SAMPLING MANHOLE WSFU WATER SYSTEM FIXTURE UNIT (SAMPLING) MIN MINIMUM XMFR TRANSFORMER MJ MECHANICAL JOINT YPC YELLOW PLASTIC CAP				
HR HANDRAIL IE INVERT ELEVATION IP IRON PIPE IR IRON ROD IRR IRRIGATION IS INLET STRUCTURE L- LANDSCAPE LF LINEAL FEET LP LOW POINT LT LEFT MC MOUNTABLE CURB MH MANHOLE MH-X SAMPLING MIN MJ MECHANICAL JOINT IRR INVERT ELEVATION TS TOP OF PAVEMENT EXISTING TOP OF STAIR TW TOP OF STAIR TOP OF ST		HIGH POINT	TP	
IP IRON PIPE TW TOP OF WALL IR IRON ROD TYP TYPICAL IRR IRRIGATION VB VALVE BOX IS INLET STRUCTURE VIF VERIFY IN FIELD L— LANDSCAPE W WATER LF LINEAL FEET WEIR WEIR LP LOW POINT WM WATER METER LT LEFT WQCB WATER QUALITY CATCH MC MOUNTABLE CURB MH MANHOLE WSFU WATER SYSTEM FIXTURE UNIT (SAMPLING) MIN MINIMUM XMFR TRANSFORMER MJ MECHANICAL JOINT YPC YELLOW PLASTIC CAP		HANDRAIL	TP(E)	
IR IRON ROD TYP TYPICAL IRR IRRIGATION VB VALVE BOX IS INLET STRUCTURE VIF VERIFY IN FIELD L— LANDSCAPE W WATER LF LINEAL FEET WEIR WEIR LP LOW POINT WM WATER METER LT LEFT WQCB WATER QUALITY CATCH MC MOUNTABLE CURB MH MANHOLE WSFU WATER SYSTEM FIXTURE UNIT (SAMPLING) MIN MINIMUM XMFR TRANSFORMER MJ MECHANICAL JOINT YPC YELLOW PLASTIC CAP	IE		TS	TOP OF STAIR
IRR IRRIGATION VB VALVE BOX IS INLET STRUCTURE VIF VERIFY IN FIELD L— LANDSCAPE W WATER LF LINEAL FEET WEIR WEIR LP LOW POINT WM WATER METER LT LEFT WQCB WATER QUALITY CATCH MC MOUNTABLE CURB MH MANHOLE WSFU WATER SYSTEM FIXTURE UNIT (SAMPLING) MIN MINIMUM XMFR TRANSFORMER MJ MECHANICAL JOINT YPC YELLOW PLASTIC CAP			TYP	TYPICAL
IS INLET STRUCTURE L— LANDSCAPE LF LINEAL FEET LP LOW POINT LT LEFT MC MOUNTABLE CURB MH MANHOLE MH—X SAMPLING MANHOLE (SAMPLING) MIN MINIMUM MJ MECHANICAL JOINT WWATER WEIR WEIR WEIR WEIR WEIR WEIR WEIR WEIR	IRR	IRRIGATION	VB	VALVE BOX
LF LINEAL FEET WEIR WEIR LP LOW POINT WM WATER METER LT LEFT WQCB WATER QUALITY CATCH MC MOUNTABLE CURB MH MANHOLE WS WHEEL STOP MH-X SAMPLING MANHOLE WSFU WATER SYSTEM FIXTURE UNIT (SAMPLING) MIN MINIMUM XMFR TRANSFORMER MJ MECHANICAL JOINT YPC YELLOW PLASTIC CAP	IS			
LP LOW POINT WM WATER METER LT LEFT WQCB WATER QUALITY CATCH MC MOUNTABLE CURB MH MANHOLE WS WHEEL STOP MH-X SAMPLING MANHOLE WSFU WATER SYSTEM FIXTURE UNIT (SAMPLING) MIN MINIMUM XMFR TRANSFORMER MJ MECHANICAL JOINT YPC YELLOW PLASTIC CAP	L— I F			
LT LEFT MC MOUNTABLE CURB MH MANHOLE MH-X SAMPLING MANHOLE WSFU WATER SYSTEM FIXTURE UNIT WV WATER VALVE MIN MINIMUM MJ MECHANICAL JOINT WQCB WATER QUALITY CATCH BASIN WS WHEEL STOP WATER SYSTEM FIXTURE UNIT WV WATER VALVE YELLOW PLASTIC CAP	LP	LOW POINT	WM	WATER METER
MH MANHOLE WS WHEEL STOP MH—X SAMPLING MANHOLE WSFU WATER SYSTEM FIXTURE UNIT (SAMPLING) WV WATER VALVE MIN MINIMUM XMFR TRANSFORMER MJ MECHANICAL JOINT YPC YELLOW PLASTIC CAP	LT	LEFT	WQCB	
MH—X SAMPLING MANHOLE WSFU WATER SYSTEM FIXTURE UNIT (SAMPLING) WV WATER VALVE MIN MINIMUM XMFR TRANSFORMER MJ MECHANICAL JOINT YPC YELLOW PLASTIC CAP			WS	
(SAMPLING) WV WATER VALVE MIN MINIMUM XMFR TRANSFORMER MJ MECHANICAL JOINT YPC YELLOW PLASTIC CAP			WSFU	WATER SYSTEM FIXTURE UNIT
MJ MECHANICAL JOINT YPC YELLOW PLASTIC CAP	(SAMPLING)			
MO	MIN			
			,, 0	

SHEET INDEX

0000	CIVIL MOTEC
C000	CIVIL NOTES
C001	CIVIL NOTES
C050	EXISTING CONDITIONS PLAN
C100	SITE AND EROSION CONTROL PLAN
C101	ENLARGED GRADING PLAN
C200	CIVIL DETAILS

4875 SW GRIFFITH DRIVE, SUITE 300 BEAVERTON, OREGON 97005 0 | 503.244.0552



Design Group, Inc.





Client / Owner:

North Rim Development Group

819 SE Morrison St. Suite 110 Portland, OR 97214

Project:

8101 SW Nyberg Building New Elevator

8101 SW Nyberg Street

Tualatin. OR 97062

Sheet Title:

Revisions:

THESE DRAWINGS ARE THE PROPERTY OF MDG ARCHITECTURE | INTERIORS, AND ARE NOT TO BE USED OR REPRODUCED IN ANY MANNER, EXCEPT WITH THE PRIOR WRITTEN

PERMISSION OF MDG ARCHITECTURE |

04/26/2023 Job Number: 122099

Sheet



EROSION CONTROL NOTES

- 1. EROSION CONTROL MEASURE SHALL BE IN ACCORDANCE WITH ALL OF THE LATEST STATE AND LOCAL JURISDICTIONAL REQUIREMENTS. ADDITIONAL REQUIREMENTS MAY BE LISTED UNDER JURISDICTION SPECIFIC NOTES.
- 2. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT LEAVE THE WORK SITE. THE CONTRACTOR SHALL USE ALL AVAILABLE MEANS TO ACHIEVE THIS RESULT.
- 3. THE IMPLEMENTATION OF THESE ESPCP AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESPCP FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.
- 4. THE ESPCP FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESPCP FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT—LADEN WATER DO NOT LEAVE THE SITE.

5. THE BOUNDARY OF THE CLEARING LIMITS SHOWN ON THESE PLANS SHALL BE CLEARLY FLAGGED OR FENCED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED/FENCED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING/FENCING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.

INSTALLATION AND REMOVAL TIMELINE:

- 6. THE ESPCP FACILITIES SHOWN ON THESE PLANS MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- 7. IN GENERAL, CONSTRUCTION SHALL PROGRESS FROM DOWNSTREAM TO UPSTREAM. THE CONTRACTOR SHALL CONSTRUCT ESC FACILITIES IN CONJUNCTION WITH ALL CLEARING, GRADING AND OTHER LAND ALTERATION ACTIVITIES.
- 8. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- 9. TEMPORARY EROSION CONTROL MEASURES SHALL REMAIN FUNCTIONAL AND IN PLACE UNTIL PROJECT COMPLETION. THE CONTRACTOR SHALL COMPLETELY RESTORE ALL AREAS DISTURBED BY REMOVAL OF TEMPORARY EROSION CONTROL MEASURES. REMOVED MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR TO BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND JURISDICTIONS.
- 10. SUPPLEMENTARY WET WEATHER MEASURES SHALL BE IN PLACE AND FUNCTIONING BY OCTOBER 1 AND REMAIN OPERATIONAL UNTIL APRIL 30. SUPPLEMENTAL WET WEATHER MEASURES ARE IN ADDITION TO BASE MEASURES.
- 11. SIGNIFICANT AMOUNTS OF SEDIMENT THAT LEAVE THE SITE SHALL BE CLEANED UP WITHIN 24 HOURS AND PLACED BACK ON THE SITE OR PROPERLY DISPOSED.
- 12. ALL EROSION AND SEDIMENT CONTROLS NOT IN THE DIRECT PATH OF WORK SHALL BE INSTALLED BEFORE ANY LAND DISTURBANCE.

- INSPECTIONS:

 13. THE ESPCP FACILITIES SHALL BE INSPECTED DAILY BY CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- 14. THE ESPCP FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITH IN THE 24 HOURS FOLLOWING A STORM EVENT.

- 15. CONTRACTOR WILL PROVIDE TRUCKS THAT ARE WELL SEALED FOR TRANSPORTATION OF SATURATED SOILS/MATERIAL FROM THE SITE. A TRUCK MUST NOT LEAK LIQUIDS AT ANY RATE GREATER THAN 1 GAL./HR.
- 16. WHEN CONCRETE TRUCKS ARE USED, A SHALLOW PIT SHALL BE DUG OR "ECO-PAN" PROVIDED FOR RESIDUAL CONCRETE, AGGREGATE AND WATER. TRUCKS THAT RECYCLE THIS RESIDUAL BACK INTO THE TRUCK MAY BE USED IN LIEU OF THE PIT OR PAN.

17. ALL STORM INLETS IN THE CLEARING LIMITS AND WITHIN 200 FEET OF THE CLEARING LIMITS SHALL BE PROTECTED TO PREVENT SEDIMENT FROM LEAVING THE PROJECT SITE. CLEANING OF CATCH BASINS SHALL OCCUR WHEN SEDIMENT CONSUMES ONE—THIRD OF THE DEVICE STORAGE AREA. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.

- 18. IF FERTILIZERS ARE USED TO ESTABLISH VEGETATION, THE APPLICATION RATES SHALL FOLLOW THE MANUFACTURER'S GUIDELINES AND THE APPLICATION SHALL BE DONE IN SUCH A WAY TO MINIMIZE NUTRIENT-LADEN RUNOFF TO RECEIVING WATERS.
- 19. ALL AREAS DISTURBED BY CONSTRUCTION OF THIS PROJECT, NOT RECEIVING A HARD, DURABLE SURFACE SHALL BE GRASSED AND/OR LANDSCAPED AT EARLIEST PRACTICABLE

- 20. DUST SHALL BE MINIMIZED TO THE EXTENT PRACTICABLE, UTILIZING ALL MEASURES NECESSARY, INCLUDING, BUT NOT LIMITED TO:
- A. SPRINKLER HAUL AND ACCESS ROADS AND OTHER EXPOSED DUST PRODUCING AREAS.
- B. APPLYING AGENCY-APPROVED DUST PALLIATIVES ON ACCESS AND HAUL ROADS. C. ESTABLISHING TEMPORARY VEGETATIVE COVER.
- D. PLACING WOOD CHIPS OR OTHER EFFECTIVE MULCHES ON VEHICLE AND PEDESTRIAN USE
- E. MAINTAINING THE PROPER MOISTURE CONDITION ON ALL FILL SURFACES.
- F. PREWETTING CUT AND BORROW AREA SURFACES.
- G. USE OF HAUL EQUIPMENT.
- 21. CONTRACTOR SHALL FURNISH AND INSTALL EQUIPMENT TO HAUL AND PLACE WATER. AN ADEQUATE SUPPLY OF WATER SHALL BE MAINTAINED AT ALL TIMES.

ARCHITECTURE | INTERIORS

4875 SW GRIFFITH DRIVE, SUITE 300 BEAVERTON, OREGON 97005 0 | 503.244.0552



Humber Design Group, Inc.

Civil Engineering 503.946.6690 hdgpdx.com



Client / Owner: North Rim Development Group

819 SE Morrison St. Suite 110 Portland, OR 97214

Project:

8101 SW Nyberg Building New Elevator

8101 SW Nyberg Street

Tualatin, OR 97062

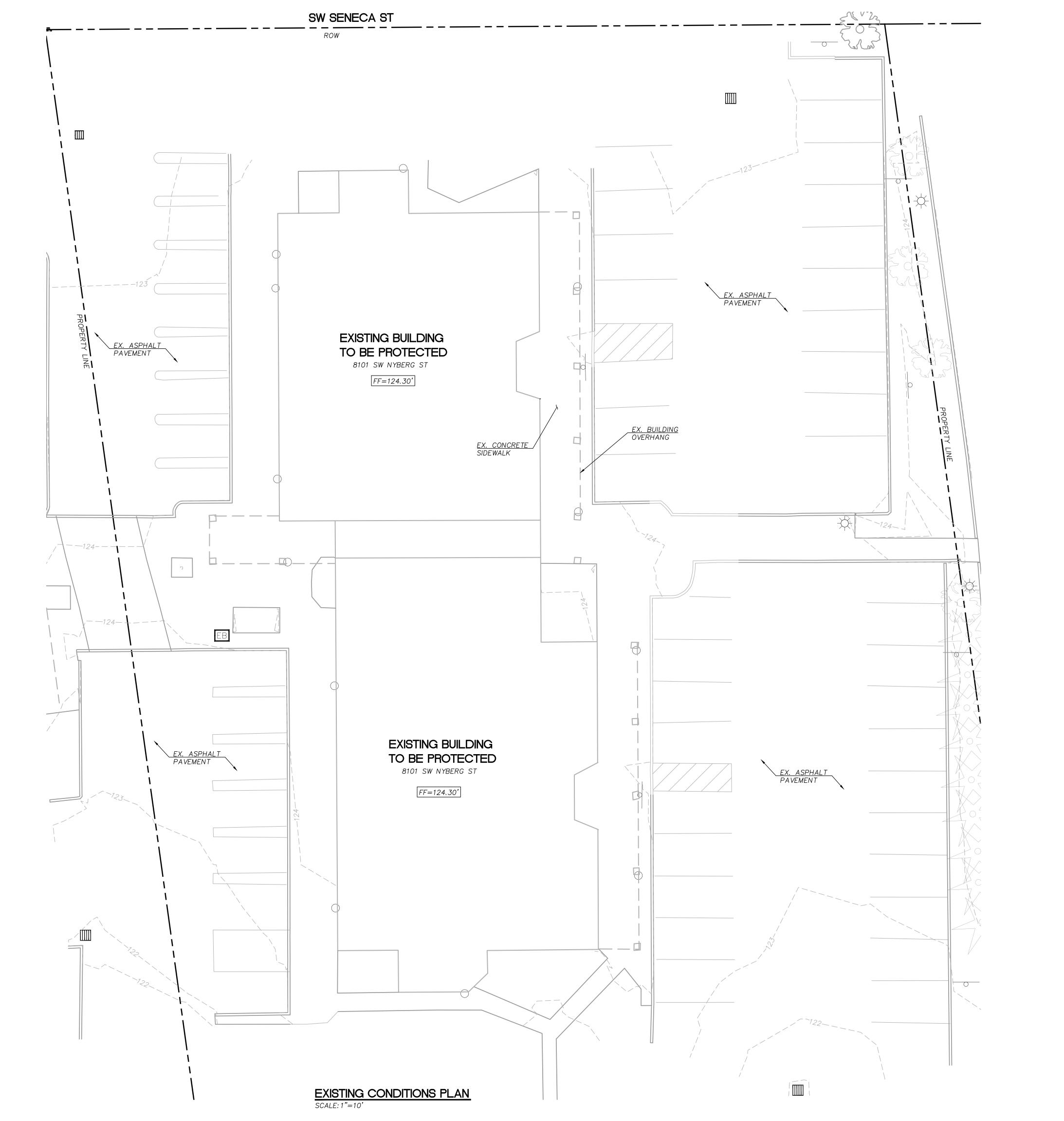
Sheet Title: CIVIL NOTES

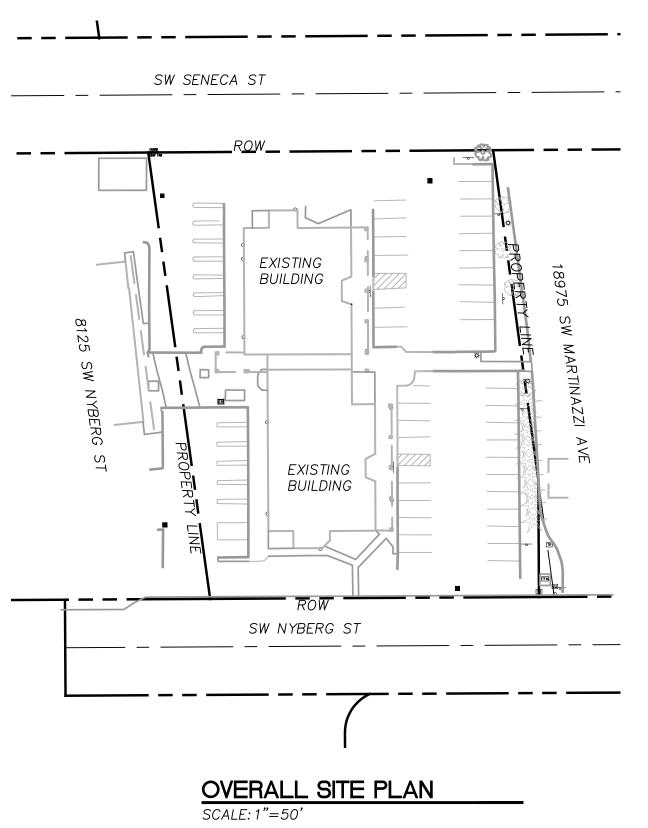
Revisions:

THESE DRAWINGS ARE THE PROPERTY OF MDG ARCHITECTURE | INTERIORS, AND ARE NOT TO BE USED OR REPRODUCED IN ANY MANNER, EXCEPT WITH THE PRIOR WRITTEN PERMISSION OF MDG ARCHITECTURE | INTERIORS

04/26/2023 Job Number: 122099

Sheet





SHEET LEGEND		
— — 124 — —	EXISTING CONTOUR	
SHEET N	OTES	
1. TOPOGRAPI	HIC SURVEY DATUM: NGVD29.	
2. FEMA FLO	ODPLAIN ELEVATION: 128.1 NAVD 1988.	
NGVD29+3.	.52=NVAD1988. 128.1-3.52=124.58 NGVD29.	
3. ENTIRETY	OF EXISTING SITE AND BUILDING FINISH	
FLOORS AF	RE LOCATED BELOW THE FEMA FLOOD PLAIN	
ELEVATION	OF 124.58. NGVD29.	





Humber Design Group, Inc.

Civil Engineering 503.946.6690 h d g p d x . c o m



Client / Owner: North Rim Development Group

819 SE Morrison St, Suite 110 Portland, OR 97214

Project:

8101 SW Nyberg Building New Elevator

8101 SW Nyberg Street Tualatin, OR 97062

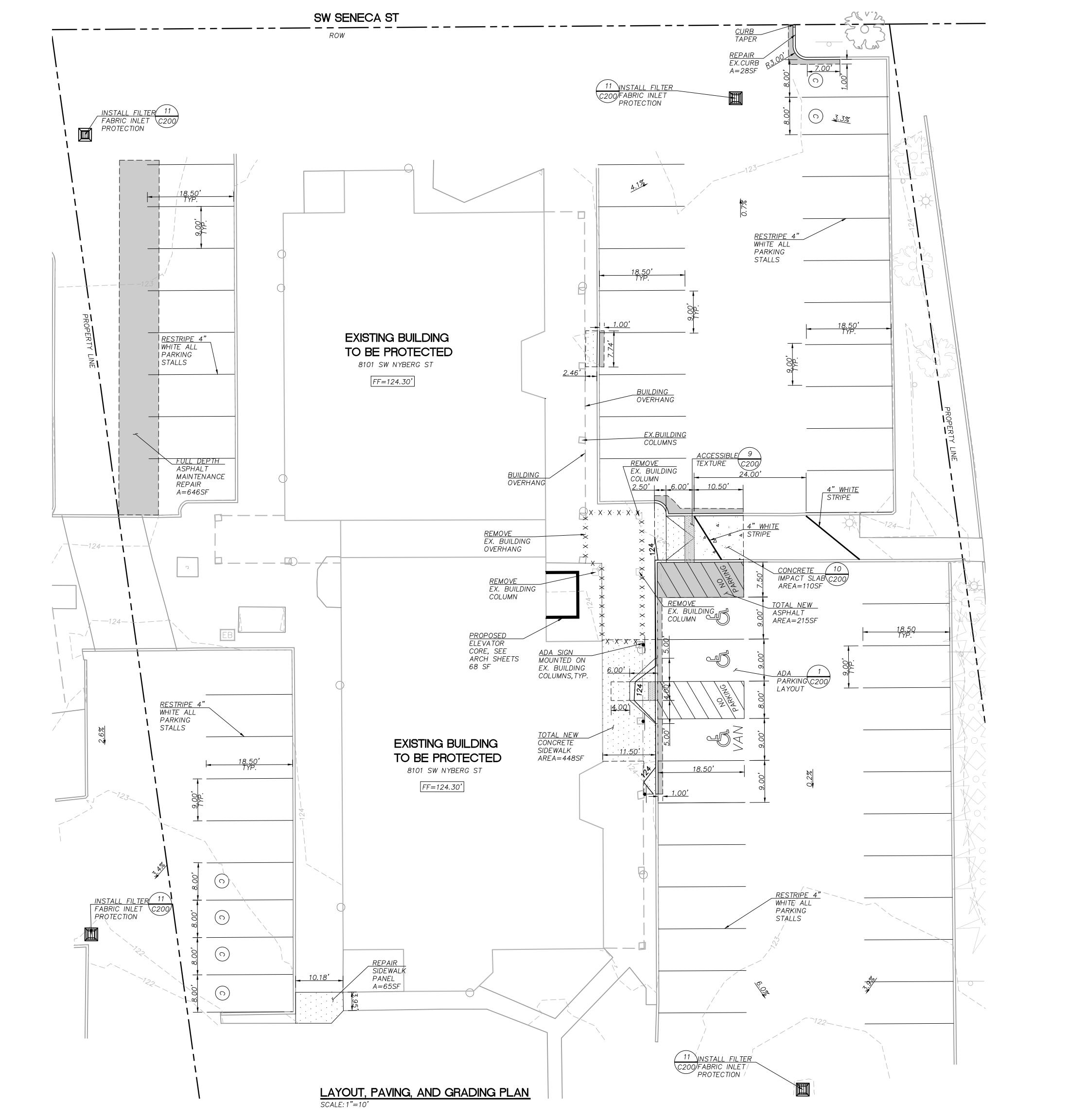
Sheet Title: EXISTING CONDITIONS PLAN

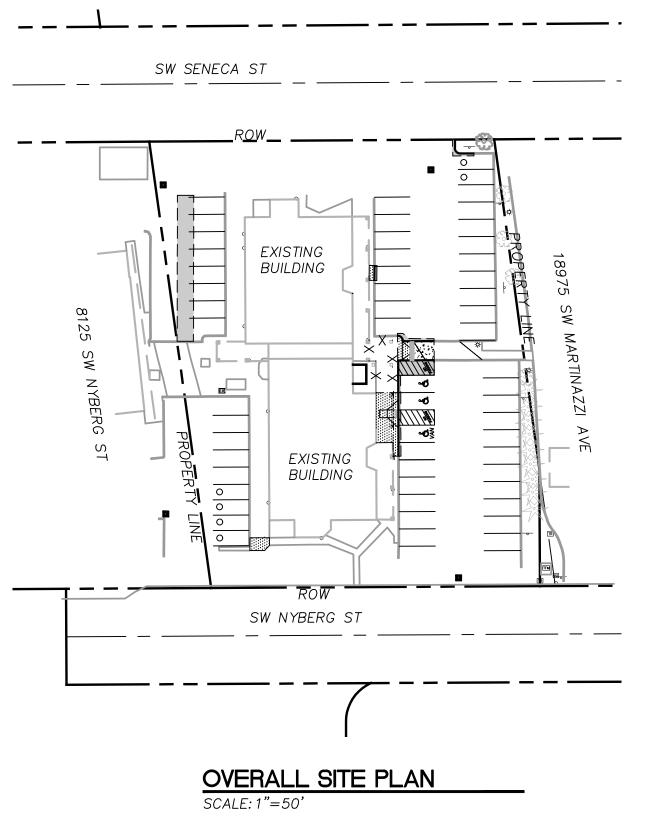
Revisions:

THESE DRAWINGS ARE THE PROPERTY OF MDG ARCHITECTURE | INTERIORS, AND ARE NOT TO BE USED OR REPRODUCED IN ANY MANNER, EXCEPT WITH THE PRIOR WRITTEN PERMISSION OF MDG ARCHITECTURE | INTERIORS

04/26/2023 122099 Job Number:

1 inch = 10 ft.





SHEET L	EGEND	
	PRIVATE ASPHALT PAVING	7 C200
	PRIVATE CONCRETE SIDEWALK	6 C200
A	CONCRETE IMPACT SLAB	10 C200
	STANDARD CONCRETE CURB	5 C200
	SAWCUT	
— — 124 — —	EXISTING CONTOUR	
124	PROPOSED CONTOUR	
	FILTER FABRIC INLET PROTECTION	(11) (C200)
SHEET N	OTES	
 SEAL COAT ENTIRE PARKING AREA. TOTAL AREA = 17,056 SF. SAWCUT CONCRETE AT NEAREST JOINT. TOTAL MAINTENANCE/REPAIR AREA = 739 SF. 		

4. TOTAL NEW/MODIFIED IMPERVIOUS AREA = 841 SF.

5. TOTAL STANDARD PARKING STALL = 55 STALLS. TOTAL COMPACT PARKING STALL = 6 STALLS.





Humber Design Group, Inc.



EXPIRES 12-31-2024 Client / Owner: North Rim Development

819 SE Morrison St, Suite 110 Portland, OR 97214

Project:

Group

8101 SW Nyberg Building New Elevator

8101 SW Nyberg Street

Tualatin, OR 97062

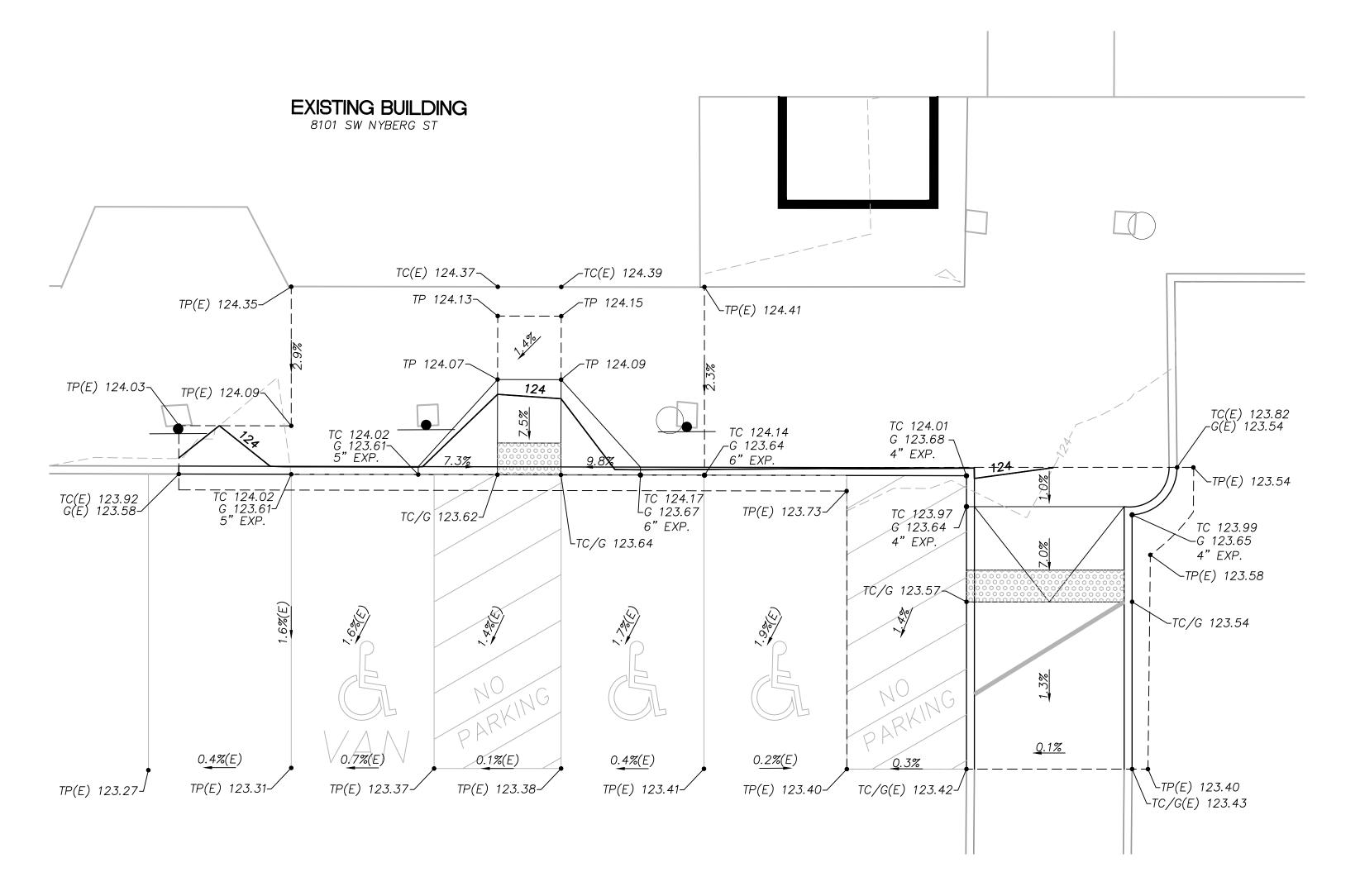
Sheet Title: SITE AND **EROSION** CONTOL PLAN

Revisions:



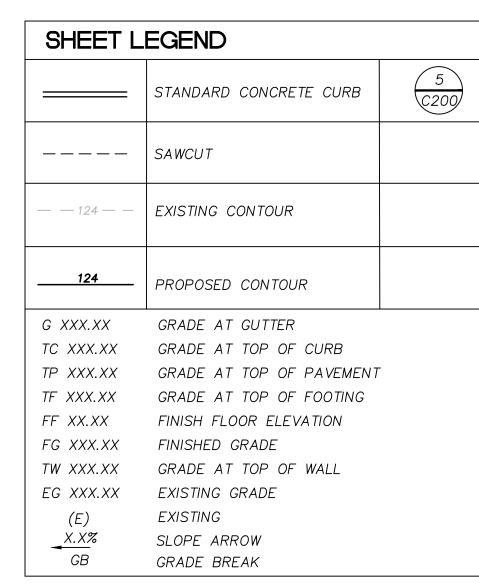
1 inch = 10 ft.

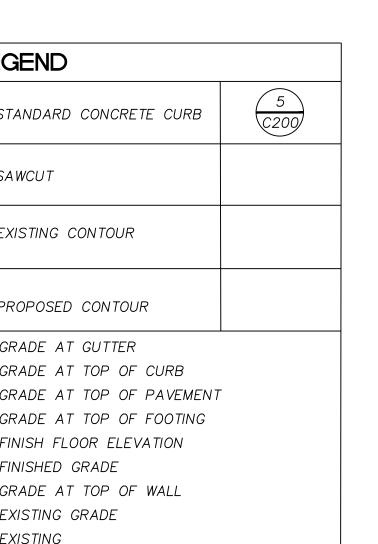
THESE DRAWINGS ARE THE PROPERTY OF MDG ARCHITECTURE | INTERIORS, AND ARE NOT TO BE USED OR REPRODUCED IN ANY MANNER, EXCEPT WITH THE PRIOR WRITTEN PERMISSION OF MDG ARCHITECTURE | INTERIORS 04/26/2023 122099 Job Number:



ENLARGED GRADING PLAN

SCALE: 1"=5"





EXPIRES 12-31-2024 Client / Owner: North Rim Development Group

4875 SW GRIFFITH DRIVE, SUITE 300

Humber

Design

Group, Inc.

Civil Engineering 5 0 3 . 9 4 6 . 6 6 9 0 h d g p d x . c o m

BEAVERTON, OREGON 97005 O | 503.244.0552

819 SE Morrison St, Suite 110 Portland, OR 97214

Project:

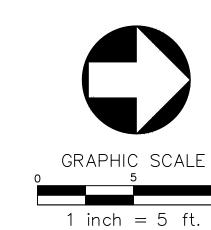
8101 SW Nyberg Building New Elevator

8101 SW Nyberg Street Tualatin, OR 97062

Sheet Title:

ENLARGED GRADING PLAN

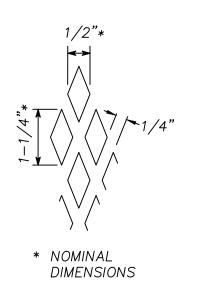
Revisions:



THESE DRAWINGS ARE THE PROPERTY OF MDG ARCHITECTURE | INTERIORS, AND ARE NOT TO BE USED OR REPRODUCED IN ANY MANNER, EXCEPT WITH THE PRIOR WRITTEN PERMISSION OF MDG ARCHITECTURE | INTERIORS 04/26/2023

122099

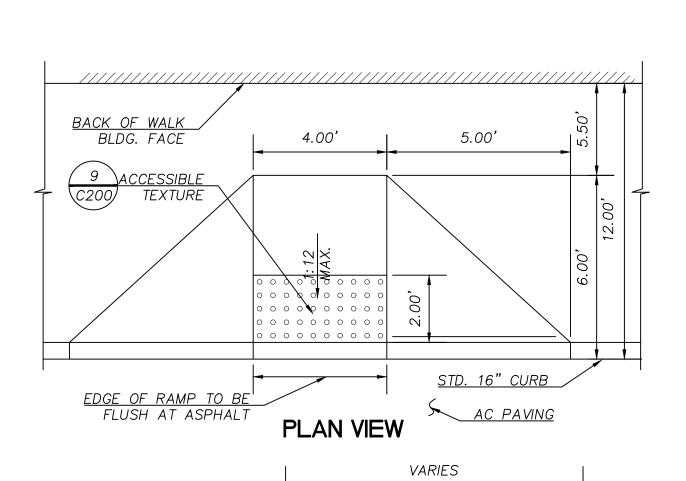
Job Number:



NOTES:

- CURB RAMPS SHALL BE POURED AS A SEPARATE UNIT FROM THE SIDEWALK, ISOLATED BY EXPANSION JOINT MATERIAL ON ALL SIDES EXCEPT AT END OF RAMP NEXT TO THE ROADWAY.
- 2. RAMP TEXTURING IS TO BE DONE WITH AN EXPANDED METAL GRATE PLACED AND REMOVED FROM WET CONCRETE TO LEAVE A DIAMOND PATTERN AS SHOWN. THE LONG AXIS OF THE DIAMOND PATTERN SHALL BE PERPENDICULAR TO THE CURB. GROOVES SHALL BE 1/8" DEEP AND 1/4" WIDE.
- 3. CEMENT CONCRETE APPROACHES SHALL BE CONSTRUCTED OF AIR—ENTRAINED CONCRETE CLASS 3000 AND MAY BE POURED INTEGRAL WITH CURB.





CURB RAMP TO BE
FLUSH WITH ASPHALT

4" CONCRETE

AC PAVING
AGGREGATE BASE
DEPRESSED CURB

SECTION

CURB

−3" OF CLASS ½" DENSE,

LEVEL 2, HMAC (1 LIFT)

 $^{\sim}$ 2" OF $\frac{3}{4}$ "-0" AGGREGATE BASE

 $^{ackslash}6$ " OF 1"-0" AGGREGATE BASE

- COMPACTED SUBGRADE

1. AGGREGATE BASE AND THE UPPER 12" OF THE SUBGRADE SHALL BE

2. AC PAVEMENT SHALL BE COMPACTED TO 91% OF THE RICE DENSITY

COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY DETERMINED IN

ACCESSIBLE RAMP

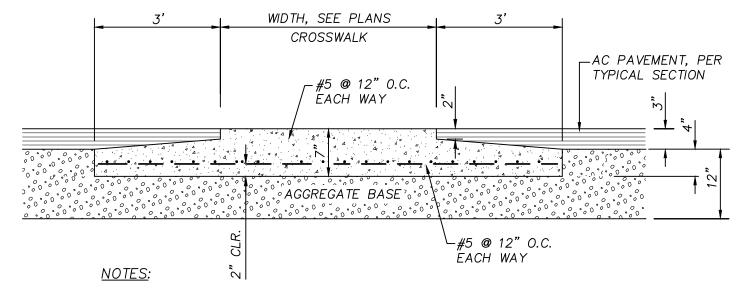
<u>NOTES:</u>

FILTER FABRIC INLET PROTECTION

SILTSACK —

DUMP STRAP-

1" REBAR FOR BAG — REMOVAL FROM INLET



***REGULAR FLOW ONLY. DO NOT USE HIGH FLOW INSERT BAGS.

1. INSERT SACKS MUST BE REMOVED AT THE END OF CONSTRUCTION

2 EACH—

BAG DETAIL

DUMP STRAP

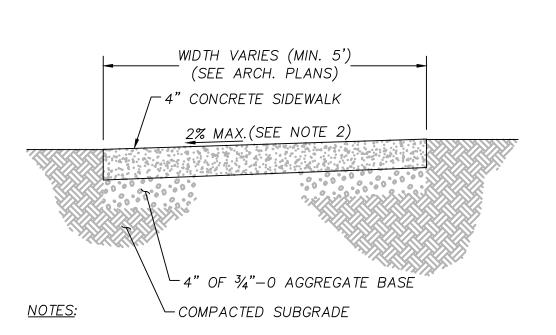
EXPANSION RESTRAINT -(1/4" NYLON ROPE, 2" FLAT WASHERS)

- 1. CONCRETE SHALL BE 4000 PSI, SLUMP RANGE 3" TO 5"
- 2. INSTALL CONTRACTION JOINTS AT 10' O.C. BOTH DIRECTION.
 3. REBAR TO HAVE A TENSILE YIELD STRENGTH OF 60,000 PSI
- 4. AGGREGATE BASE AND THE UPPER 12" OF THE SUBGRADE SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY DETERMINED IN
- ACCORDANCE WITH ASTM D1557.
- 5. 4,000 PSI CONCRETE MEDIUM BROOM FINISH.

 CONCRETE CROSSWALK AND IMPACT SLAB

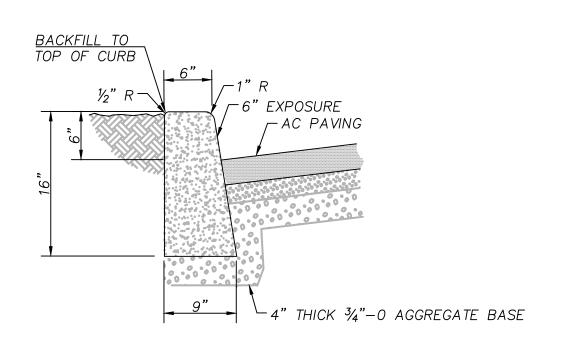


ACCORDANCE WITH ASTM D1557.

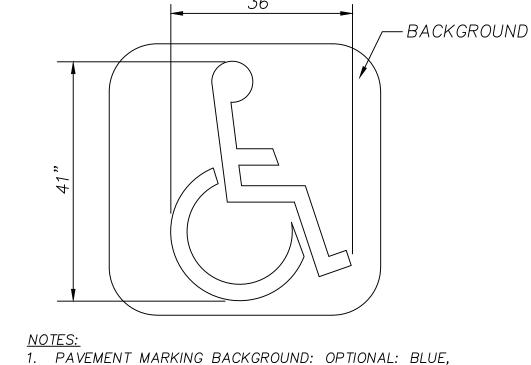


CONCRETE SHALL BE 4000 PSI, SLUMP RANGE 3" TO 5".
 2% MAX CONSTRUCTED. 1.5% DESIGN UNLESS OTHERWISE NOTED.





5 STANDARD CONCRETE CURB



<u>NOTE:</u> LOCATE POLE AS SHOWN IN LAYOUT PLAN

1. PAVEMENT MARKING BACKGROUND: OPTIONAL: BLUE, RETROREFLECTIVE

2. PAVEMENT MARKING STENCIL: WHITE, RETROREFLECTIVE

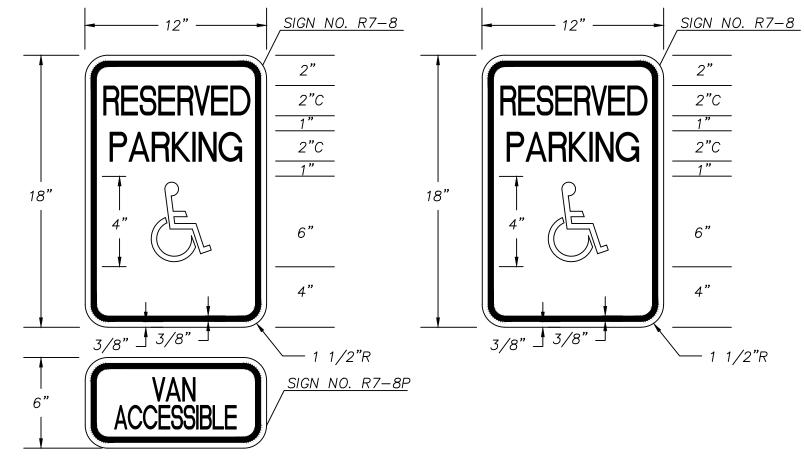
5.0

3" MIN. CLR. →

ACCESSIBLE SIGN POST

MIN.





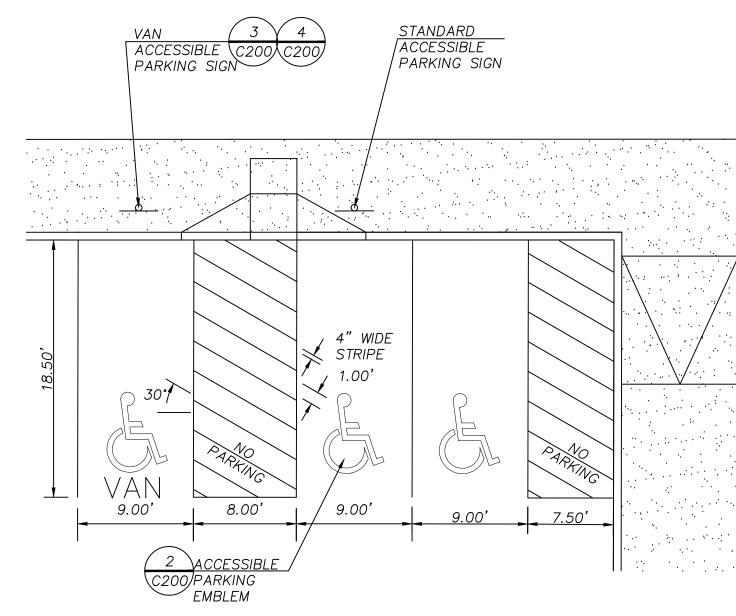
VAN ACCESSIBLE

STANDARD

1. SIGN BACKGROUND: WHITE, RETROREFLECTIVE SHEETING

- 2. SIGN LEGEND: GREEN, RETROREFLECTIVE SHEETING
- 3. SIGN SYMBOL (STANDARD ONLY): WHITE ON BLUE, RETROREFLECTIVE SHEETING





1 ACCESSIBLE PARKING LAYOUT





Humber
Design
Group, Inc.
Civil Engineering

503.946.6690



Client / Owner:
North Rim
Development
Group

819 SE Morrison St, Suite 110 Portland, OR 97214

Project:

8101 SW Nyberg
Building
New Elevator

8101 SW Nyberg Street Tualatin, OR 97062

Sheet Title:

CIVIL DETAILS

Revisions:

THESE DRAWINGS ARE THE PROPERTY OF MDG ARCHITECTURE | INTERIORS, AND ARE NOT TO BE USED OR REPRODUCED IN ANY MANNER, EXCEPT WITH THE PRIOR WRITTEN PERMISSION OF MDG ARCHITECTURE | INTERIORS

 Date:
 04/26/2023

 Job Number:
 122099

 Sheet